

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115390.D
 Acq On : 5 Jul 2019 11:36
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 12:40:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145821	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	619039	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	314219	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	599987	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384739	20.00	ng	0.00
87) Perylene-d12	15.53	264	332216	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1739198	184.05	ng	0.00
7) Phenol-d6	6.54	99	2176422	189.76	ng	0.02
23) Nitrobenzene-d5	7.47	82	2032194	201.94	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	634148	191.38	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2961239	160.08	ng	0.00
79) Terphenyl-d14	13.01	244	3348370	185.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	454968	102.019	ng	100
3) Pyridine	3.47	79	1268527	100.920	ng	97
4) n-Nitrosodimethylamine	3.43	42	510152	103.530	ng	95
6) Aniline	6.57	93	1591235	100.947	ng	99
8) 2-Chlorophenol	6.69	128	975210	91.781	ng	98
9) Benzaldehyde	6.45	77	490767	65.587	ng	99
10) Phenol	6.55	94	1309505	97.471	ng	86
11) bis(2-Chloroethyl)ether	6.64	93	995150	100.486	ng	97
12) 1,3-Dichlorobenzene	6.85	146	1049438	88.994	ng	98
13) 1,4-Dichlorobenzene	6.92	146	1047511	88.585	ng	100
14) 1,2-Dichlorobenzene	7.07	146	932565	85.161	ng	99
15) Benzyl Alcohol	7.05	79	884833	105.948	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1366907	95.165	ng	98
17) 2-Methylphenol	7.15	107	877529	100.055	ng	99
18) Hexachloroethane	7.42	117	411003	96.410	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	774199	105.436	ng	100
20) 3+4-Methylphenols	7.31	107	913394	90.193	ng	91
22) Acetophenone	7.32	105	1284305	90.624	ng	# 95
24) Nitrobenzene	7.49	77	1126424	101.604	ng	97
25) Isophorone	7.73	82	2196044	106.528	ng	99
26) 2-Nitrophenol	7.80	139	536753	98.038	ng	99
27) 2,4-Dimethylphenol	7.84	122	868265	96.860	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	1291405	99.114	ng	99
29) 2,4-Dichlorophenol	8.04	162	862146	93.197	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	925643	90.587	ng	99
31) Naphthalene	8.21	128	2635988	86.747	ng	99
32) Benzoic acid	8.00	122	740417	115.714	ng	99
33) 4-Chloroaniline	8.25	127	1280967	92.238	ng	99
34) Hexachlorobutadiene	8.33	225	513476	91.697	ng	98
35) Caprolactam	8.66	113	235237	75.634	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	926301	98.873	ng	100
37) 2-Methylnaphthalene	8.90	142	1762130	86.005	ng	99
38) 1-Methylnaphthalene	9.00	142	1669497	85.318	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	772268	86.974	ng	99

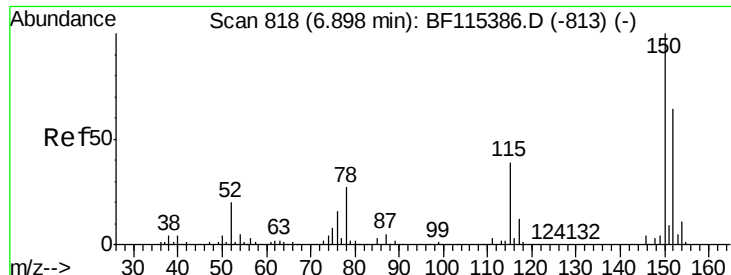
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115390.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 11:41:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	484297	91.983	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	614769	89.680	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	635411	90.008	nq	96
46) 1,1'-Biphenyl	9.36	154	2043356	81.273	nq	98
47) 2-Chloronaphthalene	9.39	162	1767029	86.644	nq	98
48) 2-Nitroaniline	9.48	65	612919	103.086	nq	92
49) Acenaphthylene	9.80	152	2657738	83.644	nq	98
50) Dimethylphthalate	9.67	163	2084838	90.183	nq	99
51) 2,6-Dinitrotoluene	9.73	165	511963	95.924	nq #	82
52) Acenaphthene	9.97	154	1695878	85.293	nq	100
53) 3-Nitroaniline	9.90	138	587659	90.227	nq	95
54) 2,4-Dinitrophenol	9.99	184	231381	98.277	nq #	65
55) Dibenzofuran	10.15	168	2287615	80.162	nq	99
56) 4-Nitrophenol	10.05	139	463378	88.743	nq	97
57) 2,4-Dinitrotoluene	10.13	165	662714	96.165	nq	95
58) Fluorene	10.49	166	1609287	75.767	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	523888	88.502	nq	98
60) Diethylphthalate	10.37	149	2003490	86.216	nq	98
61) 4-Chlorophenyl-phenylether	10.48	204	816444	80.606	nq	98
62) 4-Nitroaniline	10.52	138	578745	88.575	nq	99
63) Azobenzene	10.64	77	2076973	95.690	nq	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	318073	106.451	nq	97
66) n-Nitrosodiphenylamine	10.60	169	1639516	87.710	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	614327	94.438	nq	99
68) Hexachlorobenzene	11.04	284	678166	96.046	nq	100
69) Atrazine	11.13	200	469701	78.114	nq	99
70) Pentachlorophenol	11.22	266	435099	96.726	nq	100
71) Phenanthrene	11.45	178	2670580	82.670	nq	99
72) Anthracene	11.50	178	2632021	80.715	nq	98
73) Carbazole	11.65	167	2486476	85.392	nq	98
74) Di-n-butylphthalate	11.99	149	2840199	84.409	nq	99
75) Fluoranthene	12.63	202	2785894	86.435	nq	99
77) Benzidine	12.74	184	975557	57.104	nq #	91
78) Pyrene	12.87	202	2829187	95.686	nq	99
80) Butylbenzylphthalate	13.48	149	1296599	99.368	nq	96
81) Benzo(a)anthracene	14.05	228	2159666	78.231	nq	98
82) 3,3'-Dichlorobenzidine	14.01	252	743485	74.579	nq	98
83) Chrysene	14.09	228	2255806	89.205	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1433595	83.848	nq	99
85) Di-n-octyl phthalate	14.66	149	2595030	90.335	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1920863	64.193	nq #	100
88) Benzo(b)fluoranthene	15.11	252	2203947	106.320	nq	99
89) Benzo(k)fluoranthene	15.14	252	1778065	95.648	nq	99
90) Benzo(a)pyrene	15.47	252	1782728	95.417	nq	100
91) Dibenzo(a,h)anthracene	17.04	278	1555977	89.207	nq	99
92) Benzo(g,h,i)perylene	17.47	276	1578105	89.392	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

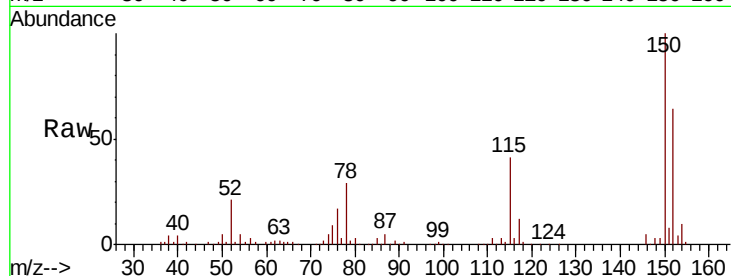


#1

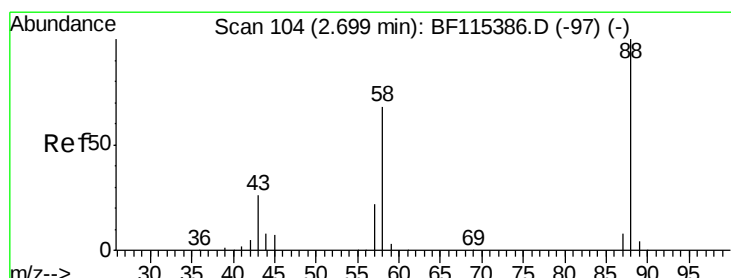
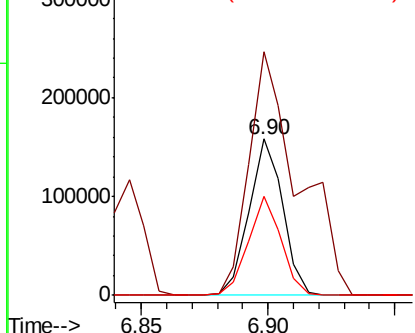
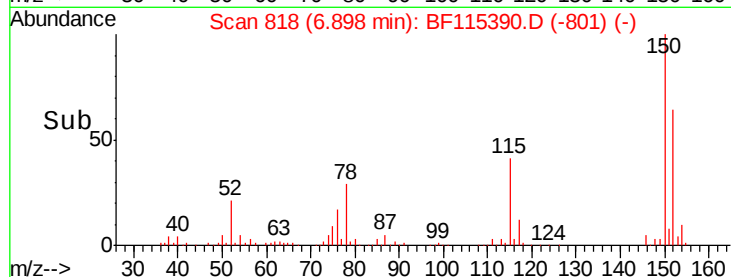
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145821
Ion Ratio Lower Upper
152 100
150 155.9 124.7 187.1
115 63.7 48.1 72.1



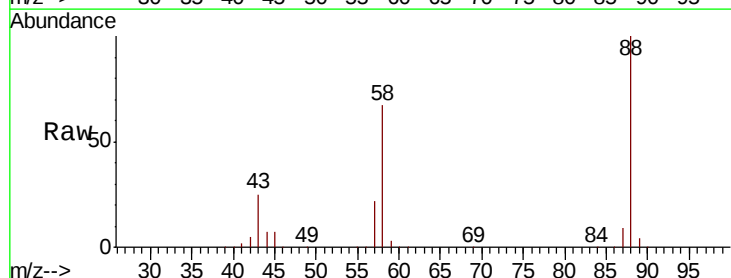
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



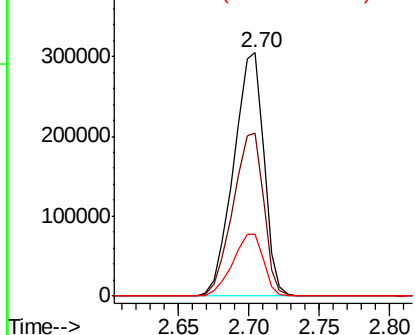
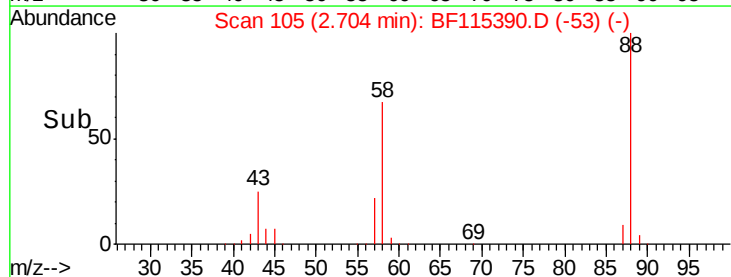
#2

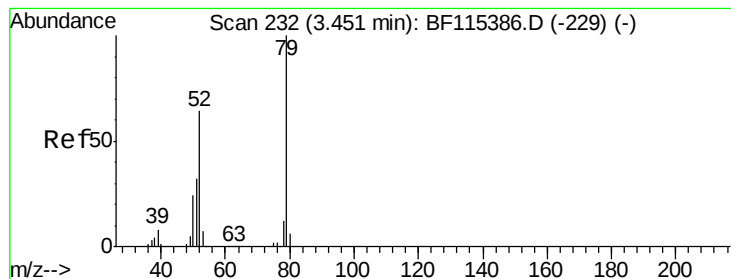
1,4-Dioxane
Concen: 102.019 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion: 88 Resp: 454968
Ion Ratio Lower Upper
88 100
58 68.2 54.6 82.0
43 25.9 21.4 32.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 100.920 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

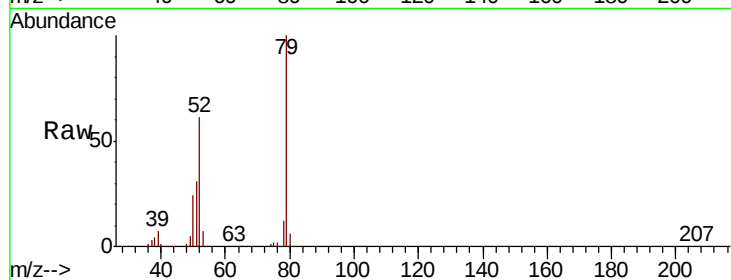
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1268527

Ion	Ratio	Lower	Upper
79	100		
52	61.3	50.9	76.3
51	30.6	25.8	38.6

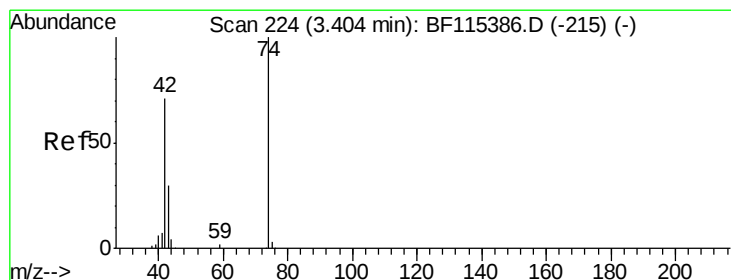
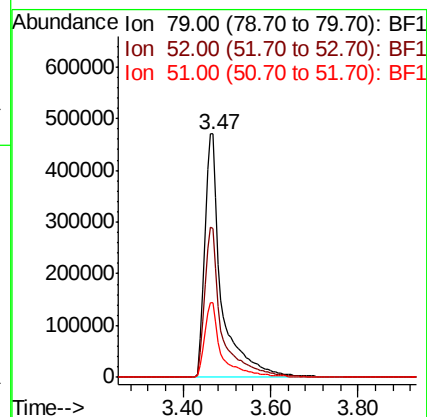
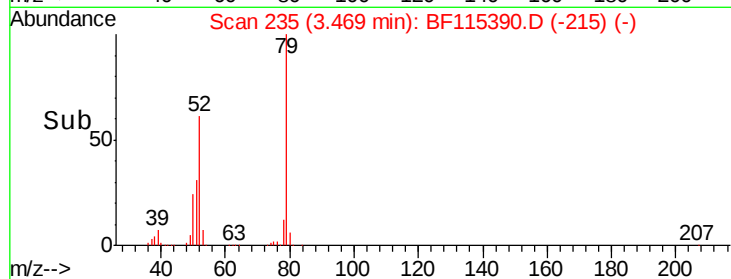


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 103.530 ng

RT: 3.43 min Scan# 229

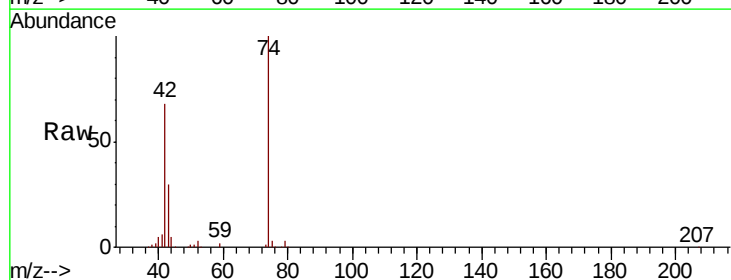
Delta R.T. 0.03 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Tgt Ion: 42 Resp: 510152

Ion	Ratio	Lower	Upper
42	100		
74	146.9	112.8	169.2
44	6.8	5.4	8.0

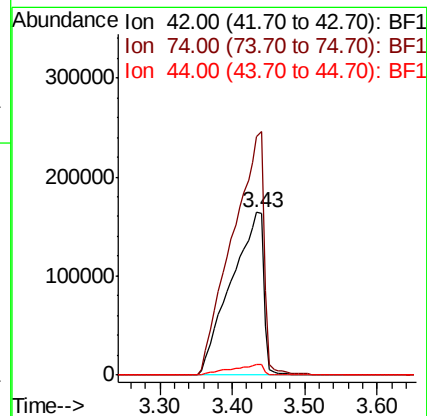
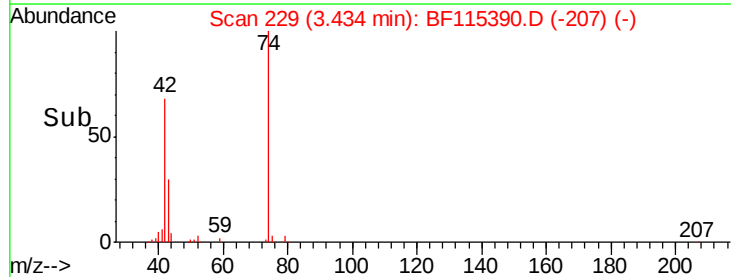


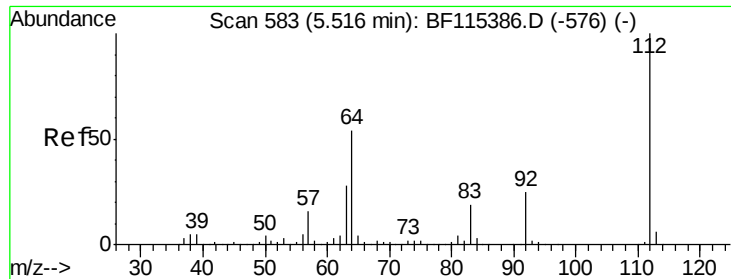
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

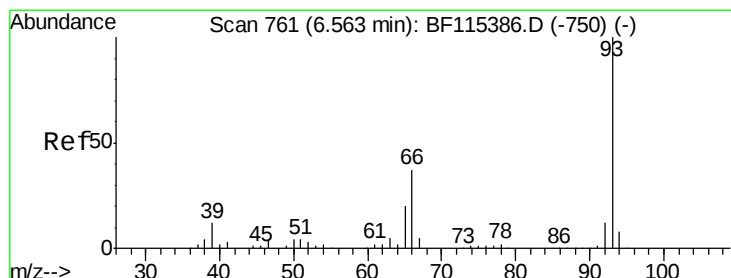
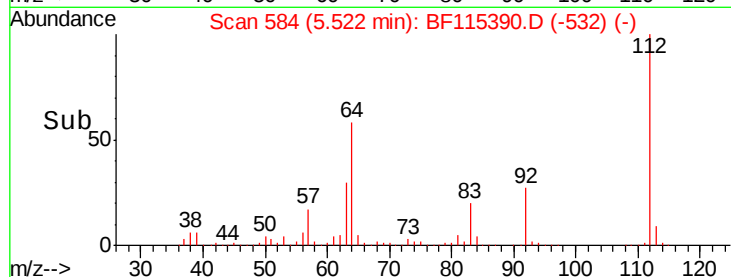
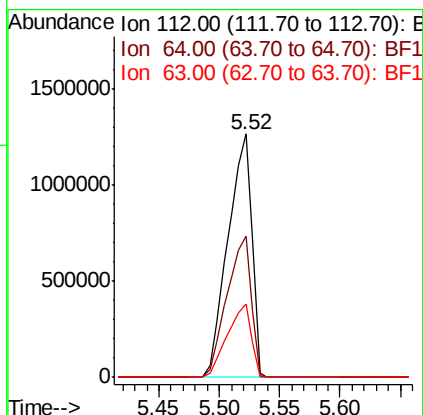
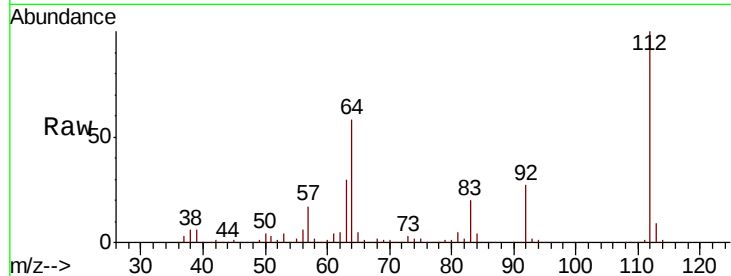




#5
 2-Fluorophenol
 Concen: 184.053 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

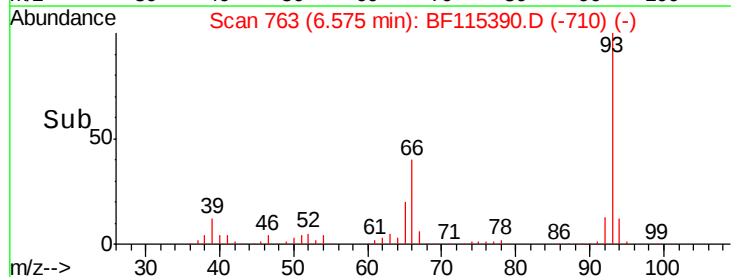
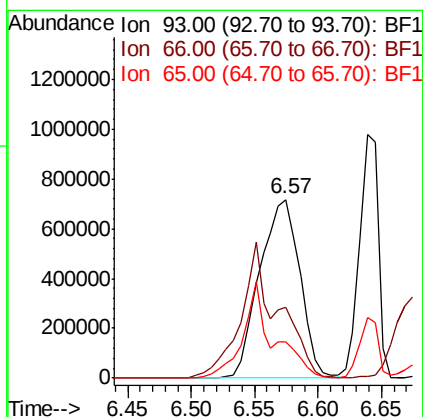
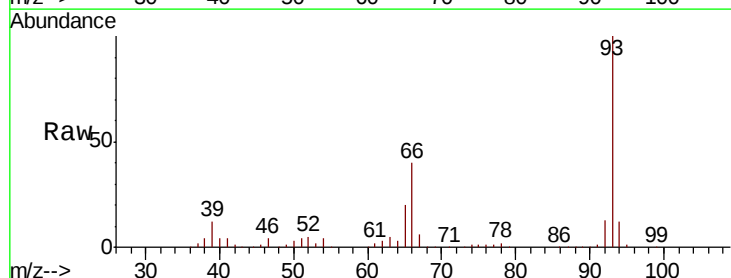
Instrument :
 BNA_F
 ClientSampled :

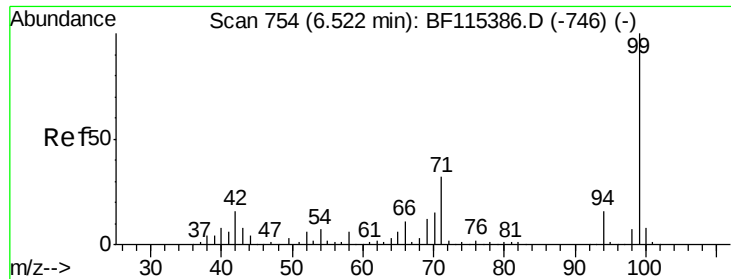
Tot Ion:112 Resp: 1739198
 Ion Ratio Lower Upper
 112 100
 64 58.1 43.0 64.6
 63 30.0 22.2 33.2



#6
 Aniline
 Concen: 100.947 ng
 RT: 6.57 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion: 93 Resp: 1591235
 Ion Ratio Lower Upper
 93 100
 66 39.5 30.8 46.2
 65 20.3 16.0 24.0





#7

Phenol-d6

Concen: 189.760 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

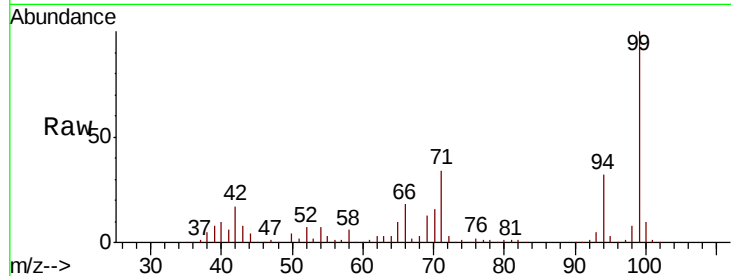
Tot Ion: 99 Resp: 2176422

Ion Ratio Lower Upper

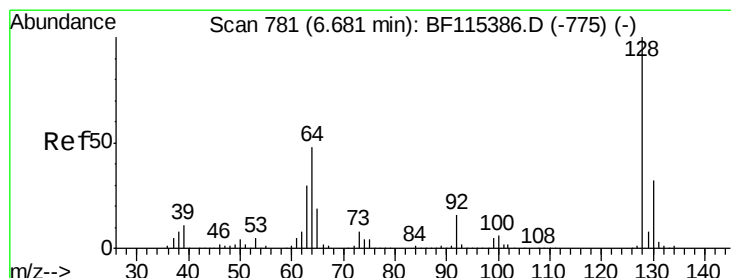
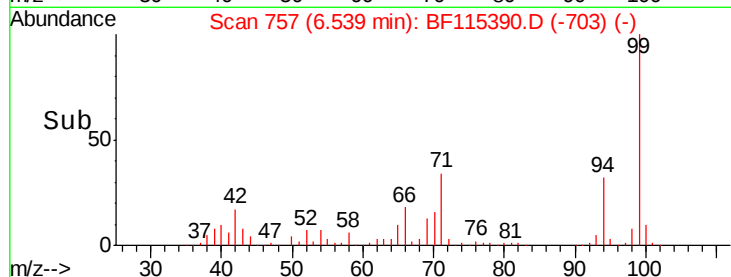
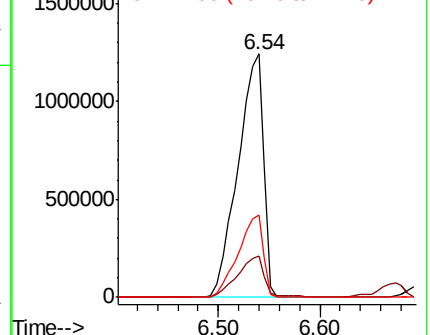
99 100

42 17.1 13.1 19.7

71 33.8 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 91.781 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

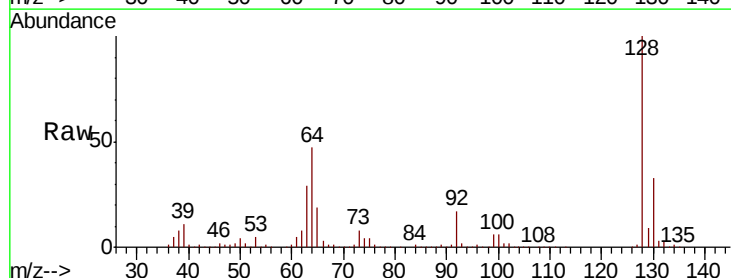
Tgt Ion:128 Resp: 975210

Ion Ratio Lower Upper

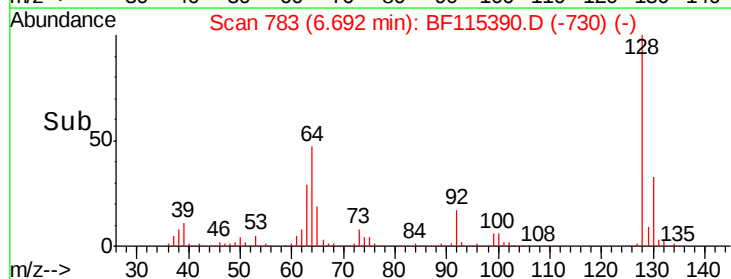
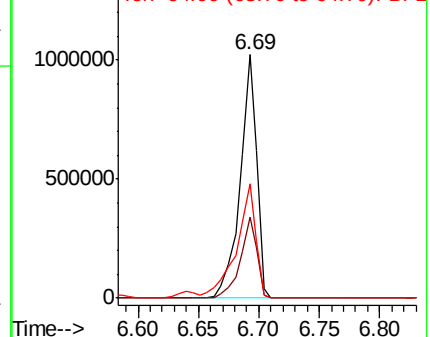
128 100

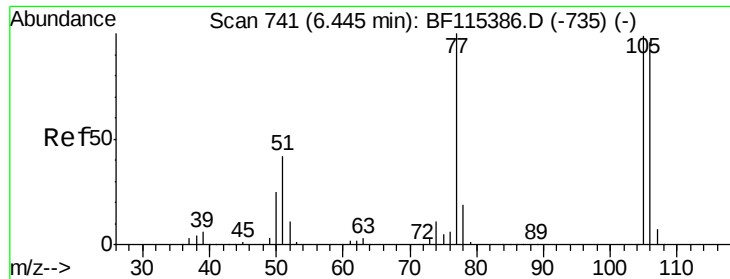
130 33.3 12.4 52.4

64 46.9 28.8 68.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 65.587 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

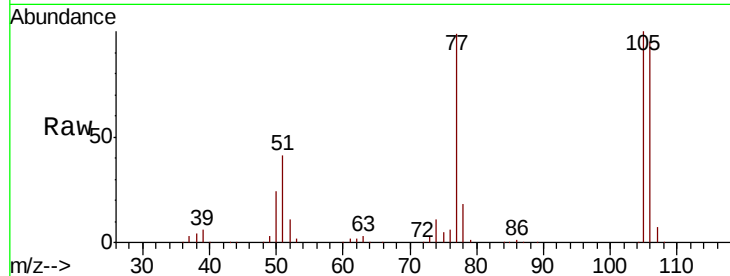
Tot Ion: 77 Resp: 490767

Ion Ratio Lower Upper

77 100

105 100.9 79.0 119.0

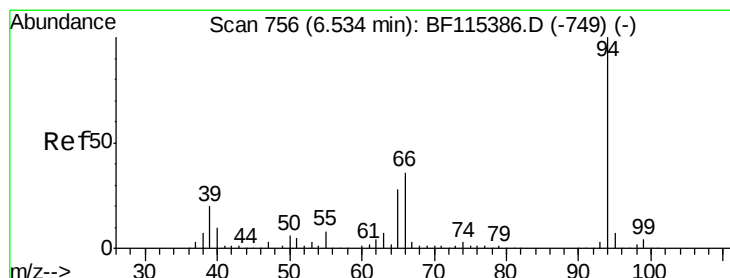
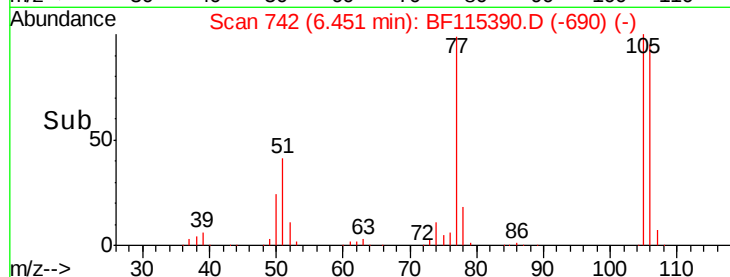
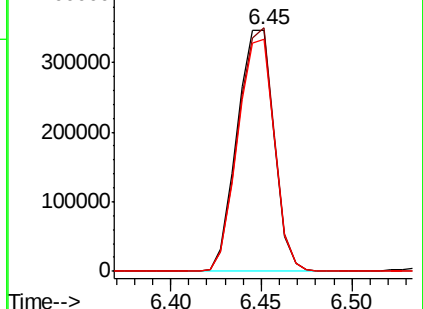
106 96.3 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 97.471 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

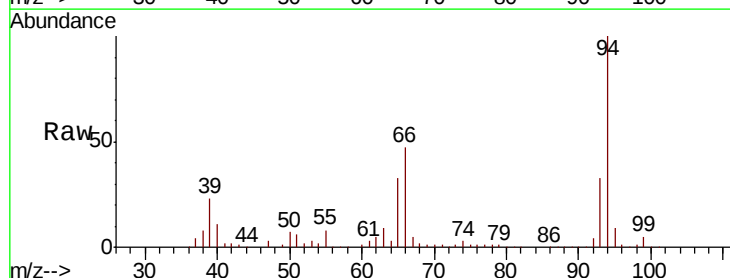
Tgt Ion: 94 Resp: 1309505

Ion Ratio Lower Upper

94 100

65 33.0 8.0 48.0

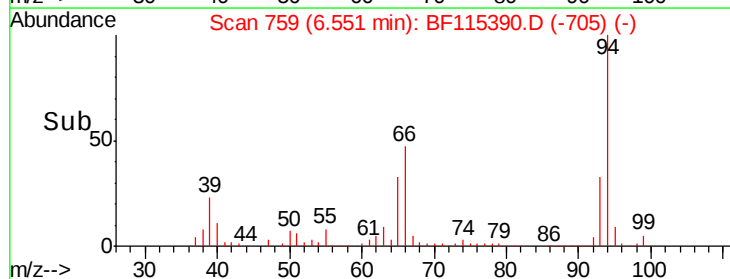
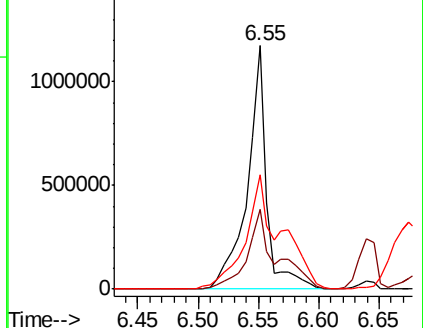
66 46.8 16.2 56.2

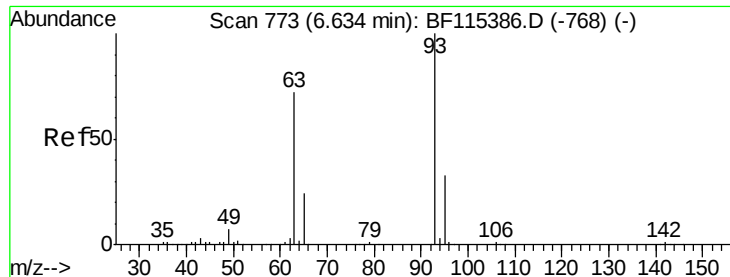


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

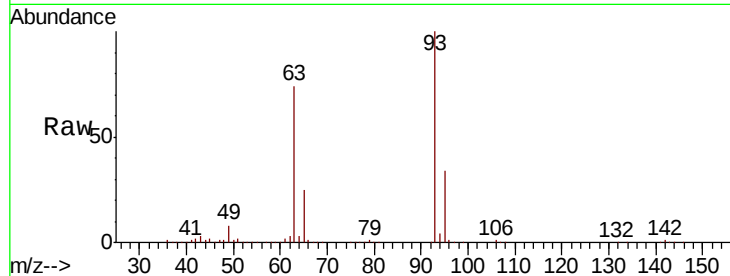




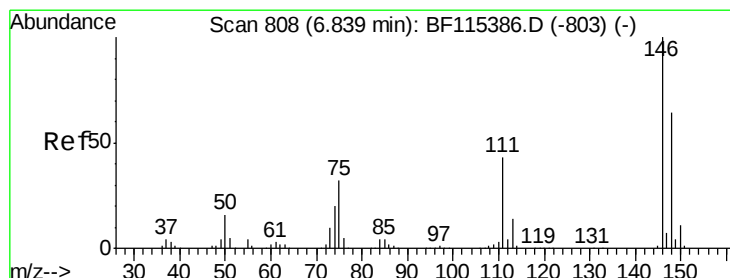
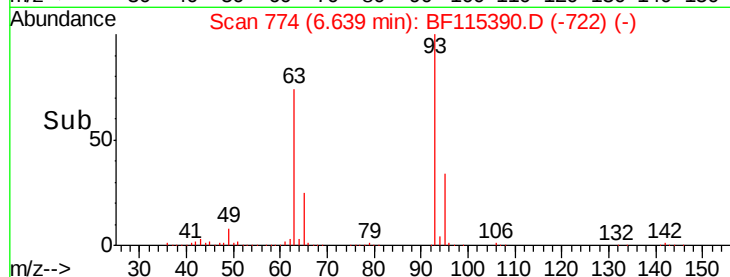
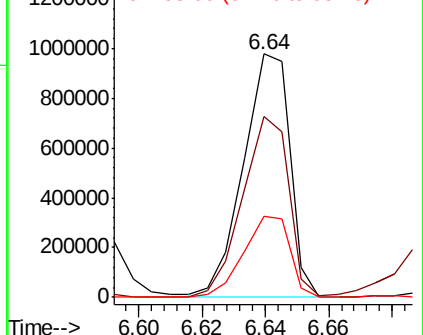
#11
 bis(2-Chloroethyl)ether
 Concen: 100.486 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 995150
 Ion Ratio Lower Upper
 93 100
 63 74.2 51.5 91.5
 95 33.5 12.9 52.9

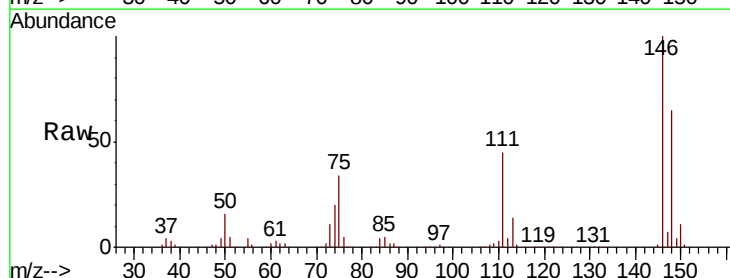


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

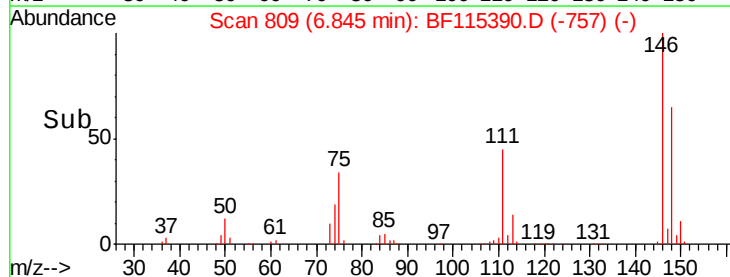
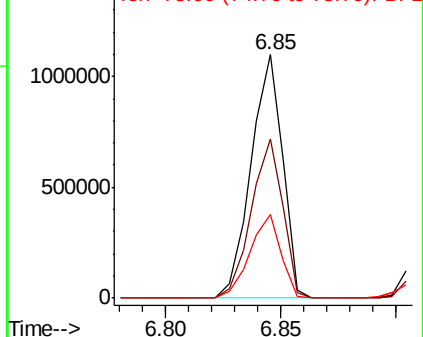


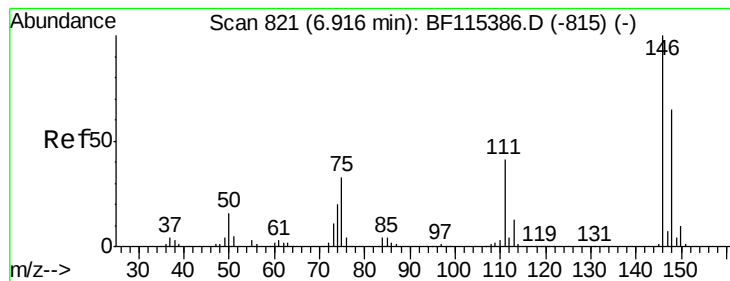
#12
 1,3-Dichlorobenzene
 Concen: 88.994 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion: 146 Resp: 1049438
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 75 34.2 25.9 38.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 88.585 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampled :

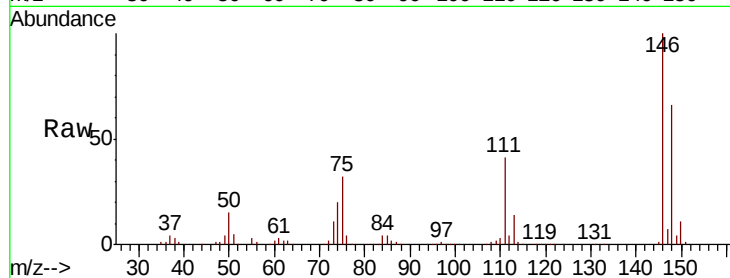
Tot Ion:146 Resp: 1047511

Ion Ratio Lower Upper

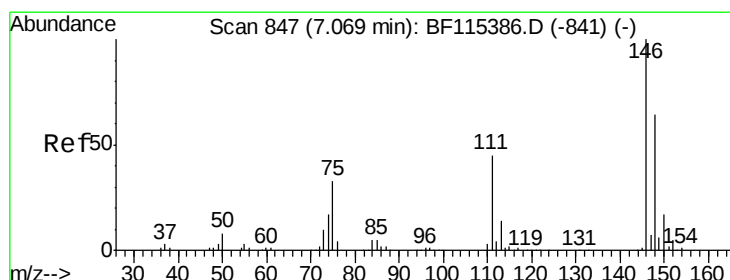
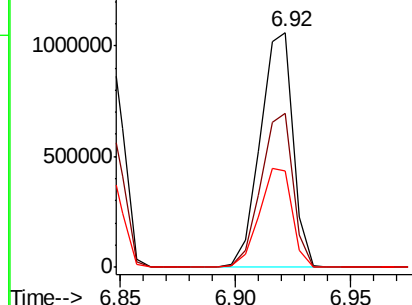
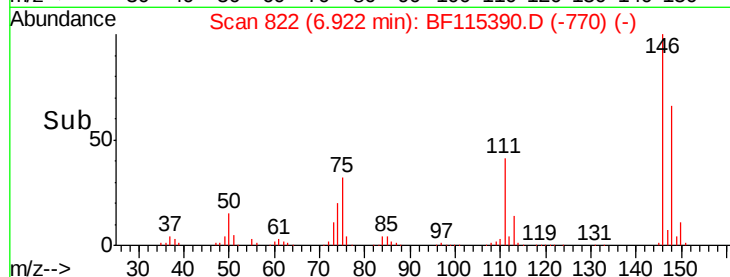
146 100

148 65.6 52.3 78.5

111 41.1 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E
1500000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 85.161 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

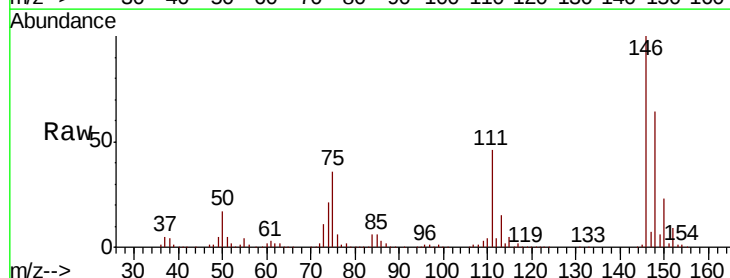
Tgt Ion:146 Resp: 932565

Ion Ratio Lower Upper

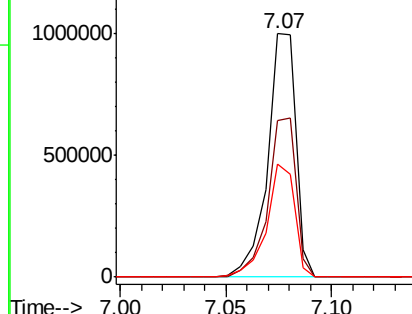
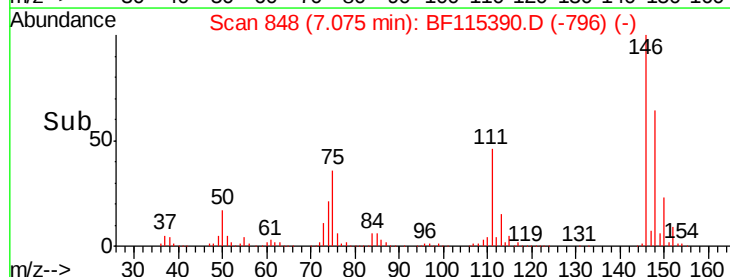
146 100

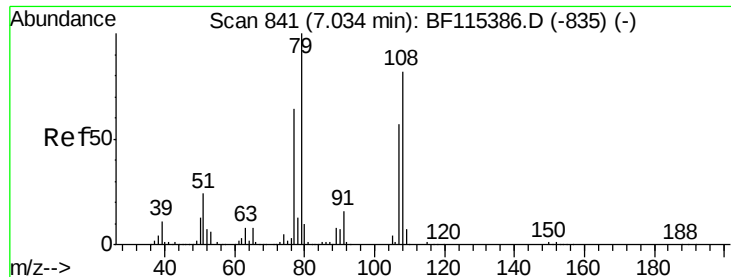
148 64.2 51.3 76.9

111 46.4 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
1000000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 105.948 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampled :

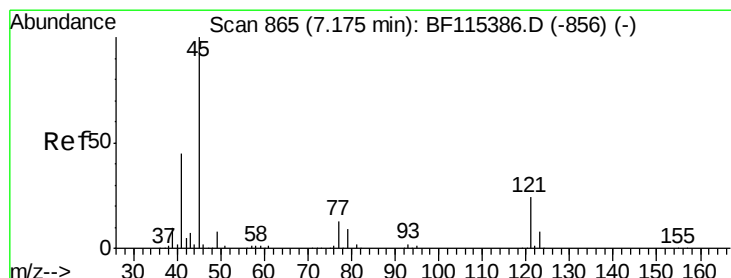
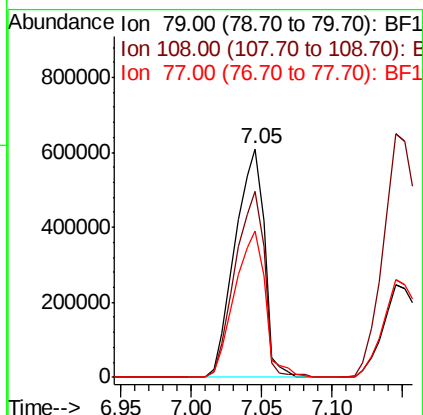
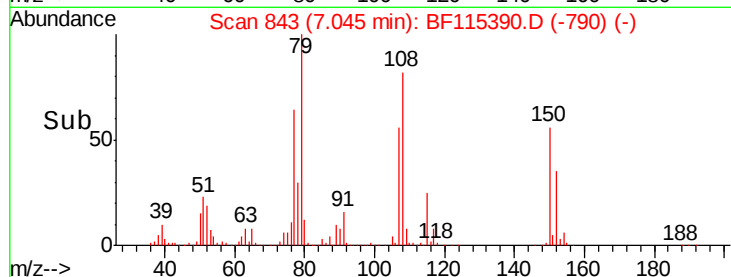
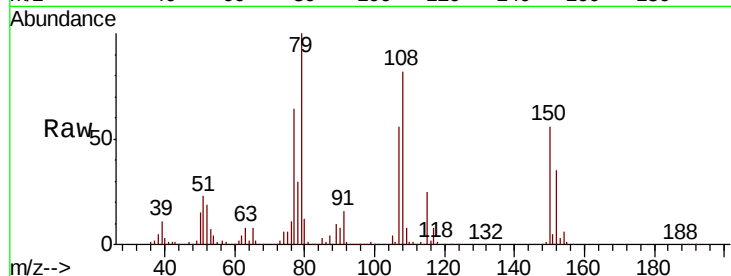
Tot Ion: 79 Resp: 884833

Ion Ratio Lower Upper

79 100

108 81.6 65.4 98.2

77 63.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 95.165 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

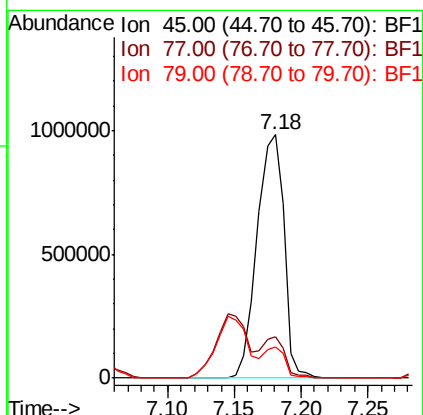
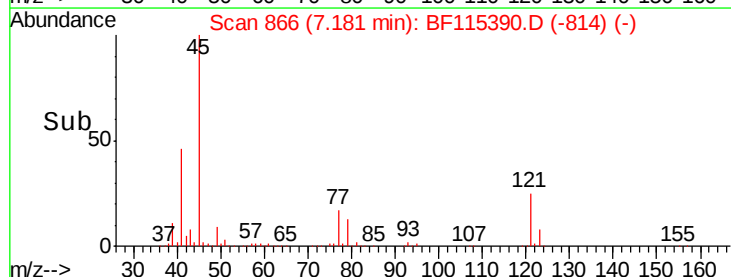
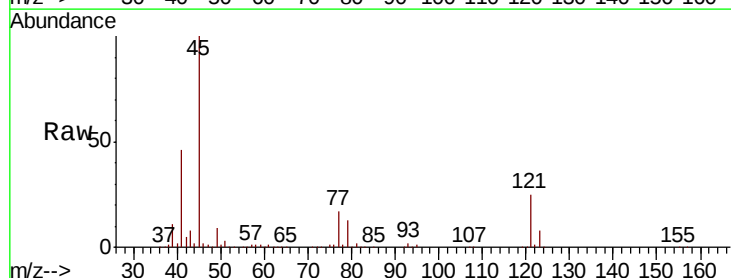
Tgt Ion: 45 Resp: 1366907

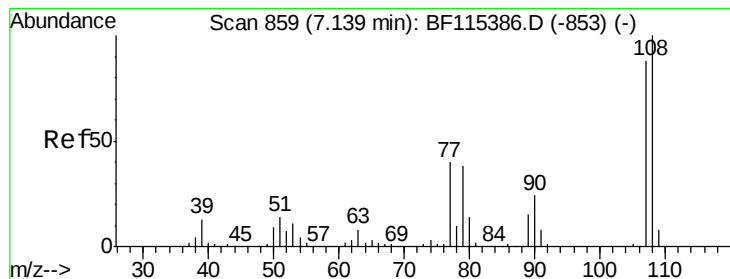
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.0

79 13.0 0.0 32.0

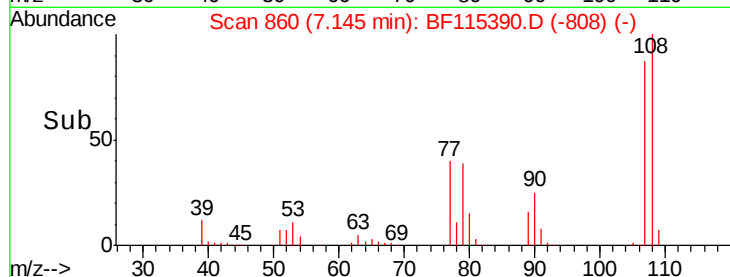
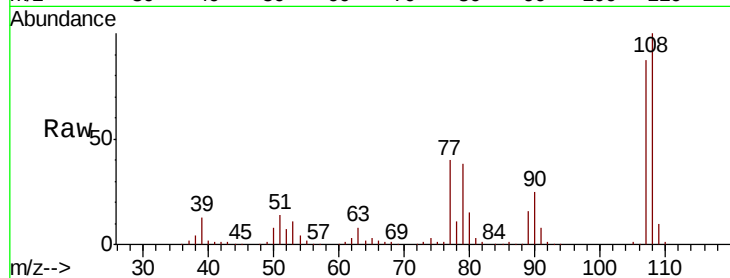




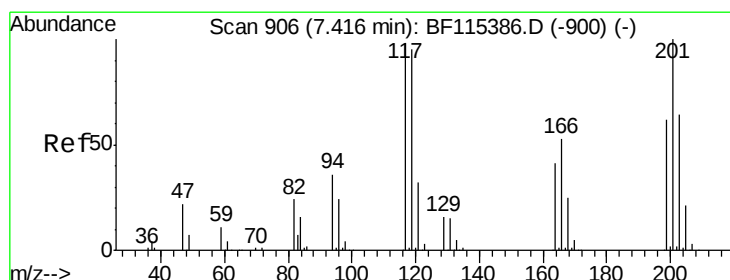
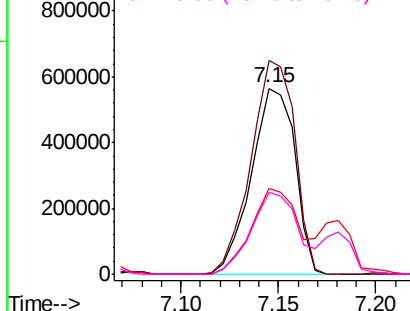
#17
2-Methylphenol
Concen: 100.055 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 877529
Ion Ratio Lower Upper
107 100
108 114.7 90.7 136.1
77 46.0 36.3 54.5
79 43.8 34.9 52.3

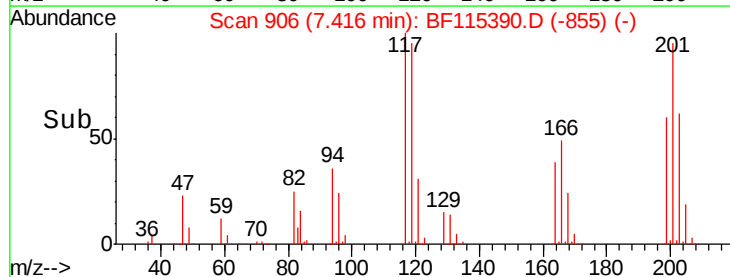
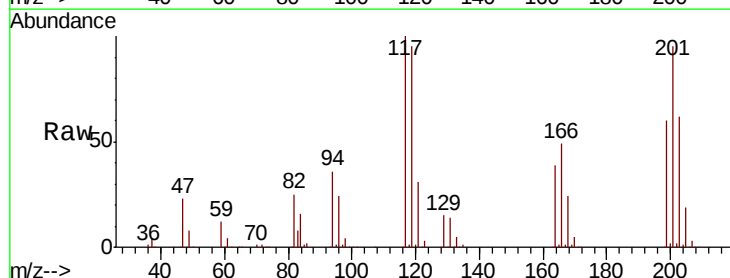


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

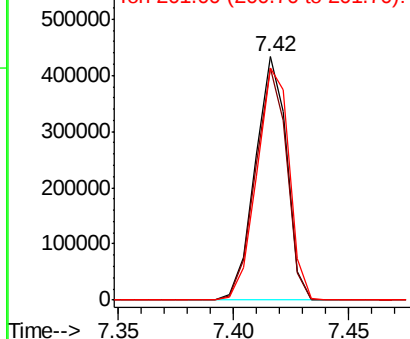


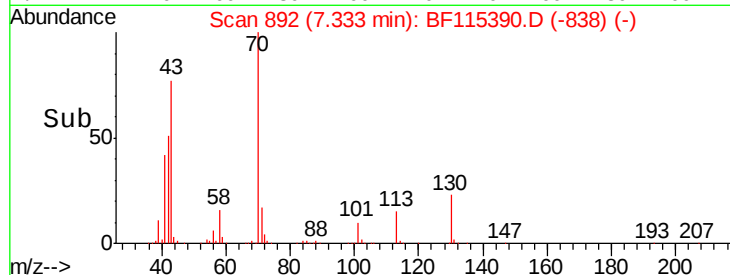
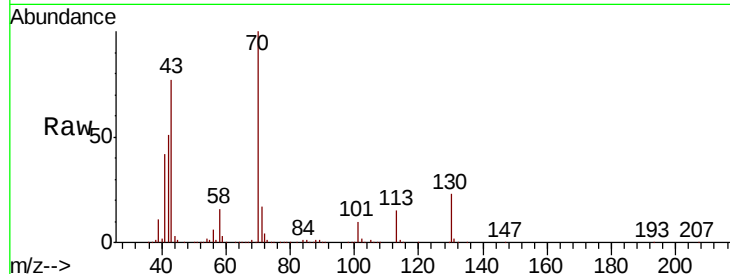
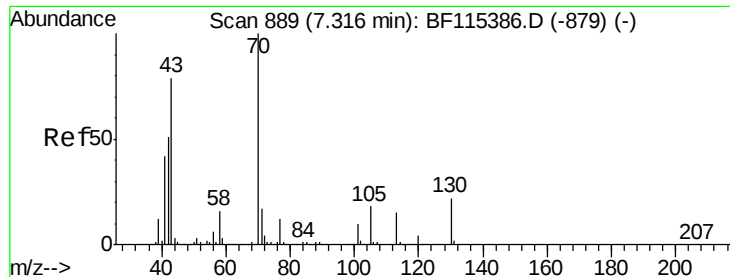
#18
Hexachloroethane
Concen: 96.410 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:117 Resp: 411003
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7
201 95.4 81.3 121.9



Abundance Ion 117.00 (116.70 to 117.70): E
600000 Ion 119.00 (118.70 to 119.70): E
500000 Ion 201.00 (200.70 to 201.70): E
400000
300000
200000
100000
0

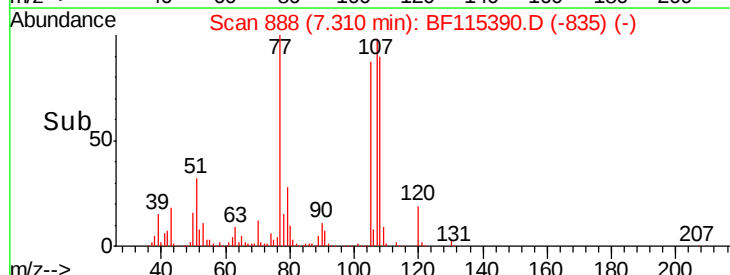
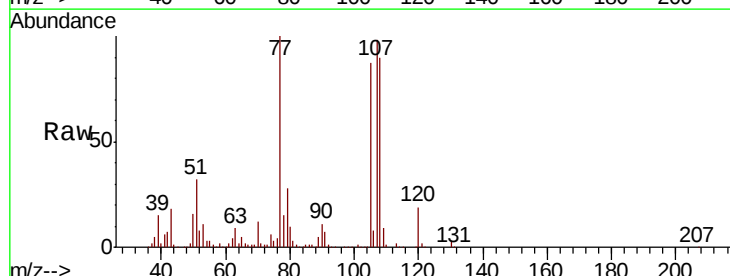
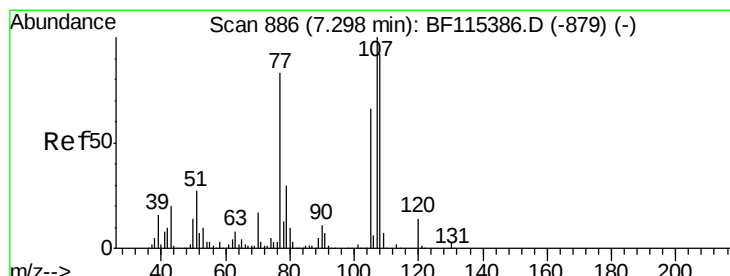
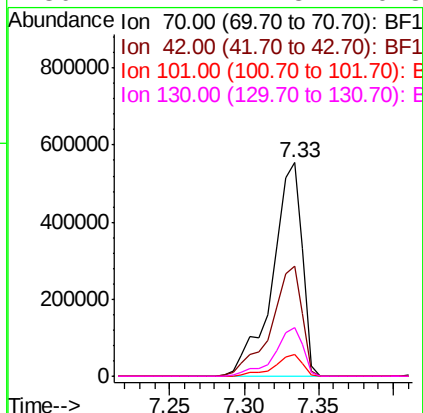




#19
n-Nitroso-di-n-propylamine
Concen: 105.436 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

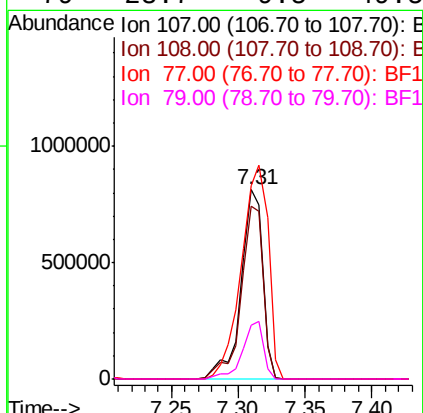
Instrument :
BNA_F
ClientSampleId :

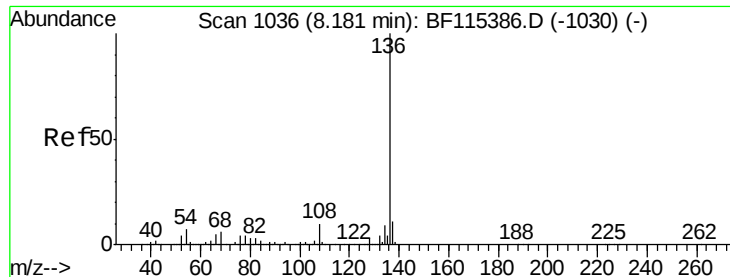
Tot Ion:	70	Resp:	774199
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.1	61.7
101	10.1	8.0	12.0
130	22.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 90.193 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:	107	Resp:	913394
Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.5	112.5
77	102.1	62.7	102.7
79	28.7	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 619039

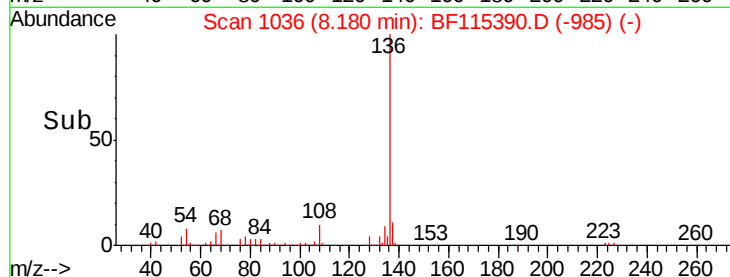
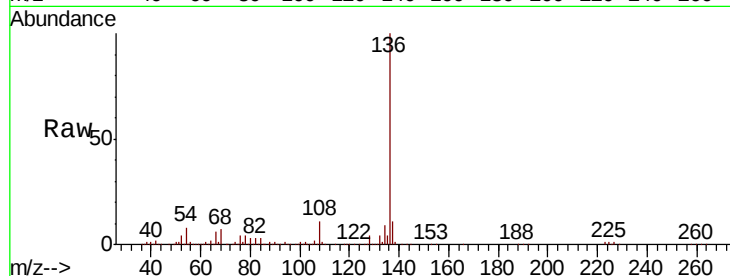
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 5.6 8.4

68 6.6 4.9 7.3

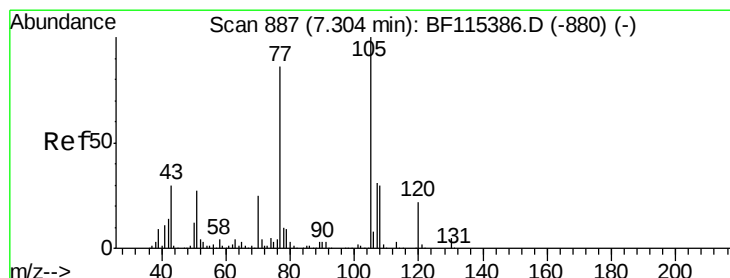
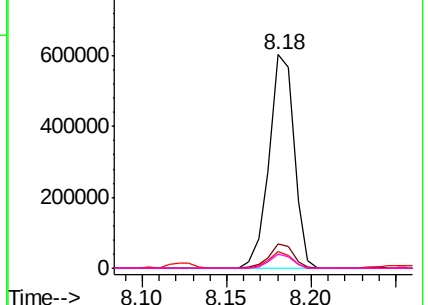


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 90.624 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Tgt Ion:105 Resp: 1284305

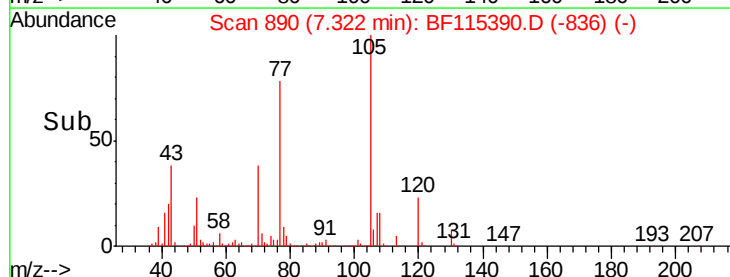
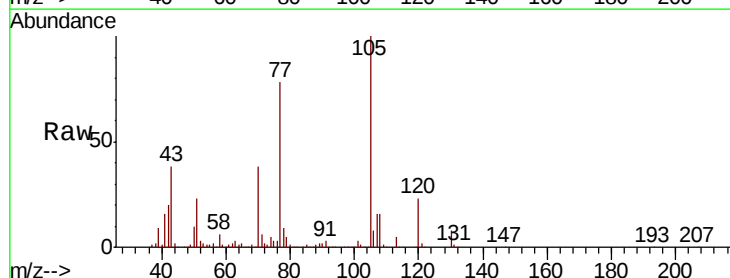
Ion Ratio Lower Upper

105 100

71 6.4 3.3 4.9#

51 22.7 21.5 32.3

120 22.9 17.8 26.6

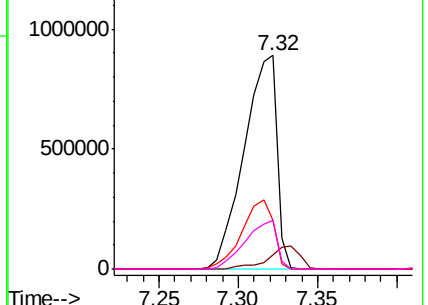


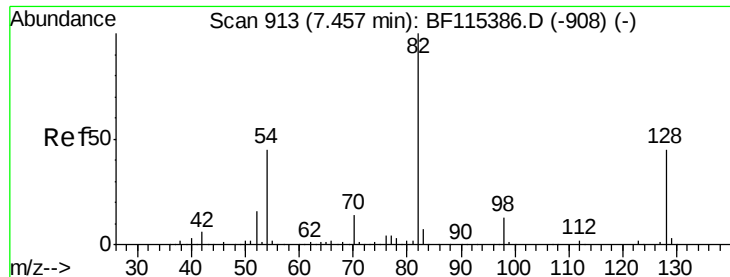
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

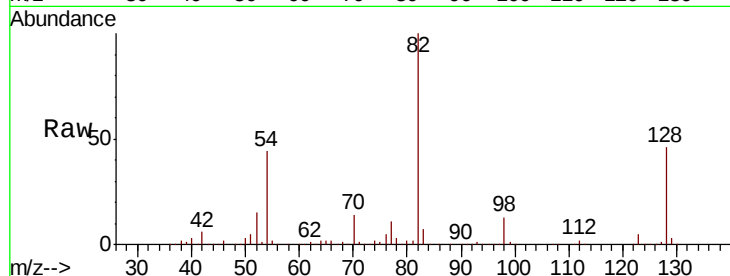




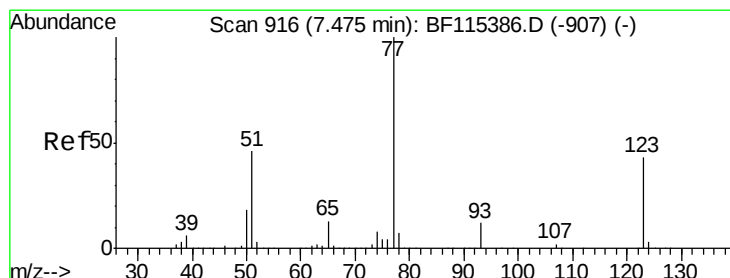
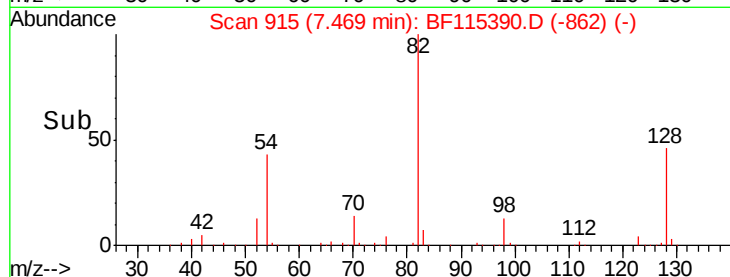
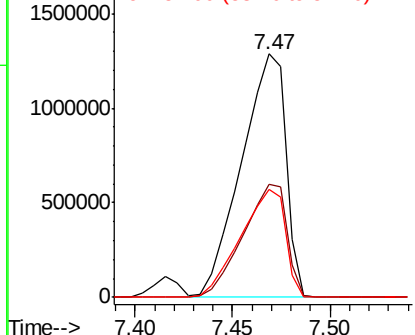
#23
Nitrobenzene-d5
Concen: 201.944 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2032194
Ion Ratio Lower Upper
82 100
128 46.2 35.7 53.5
54 44.1 36.3 54.5

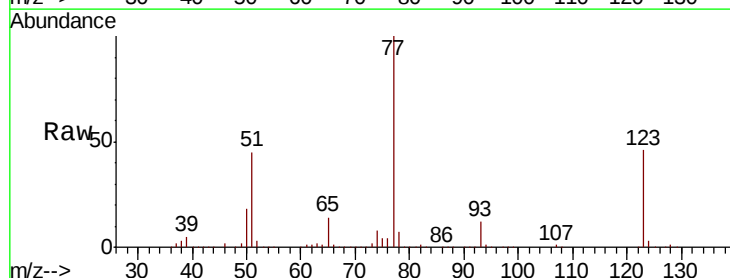


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

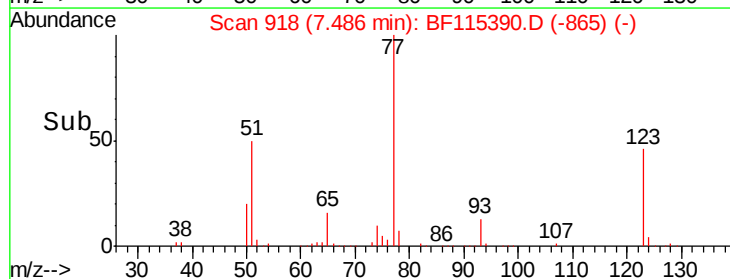
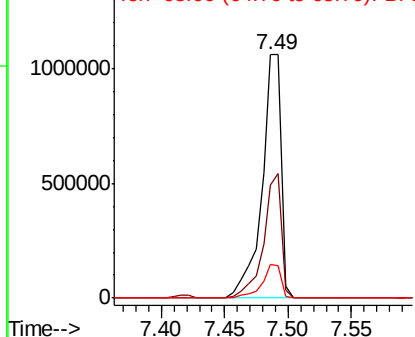


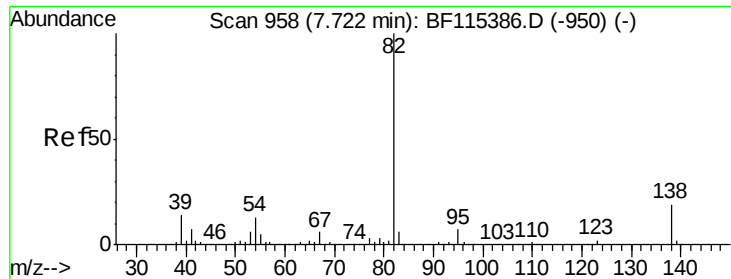
#24
Nitrobenzene
Concen: 101.604 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion: 77 Resp: 1126424
Ion Ratio Lower Upper
77 100
123 46.4 35.0 52.6
65 13.7 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 106.528 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampled :

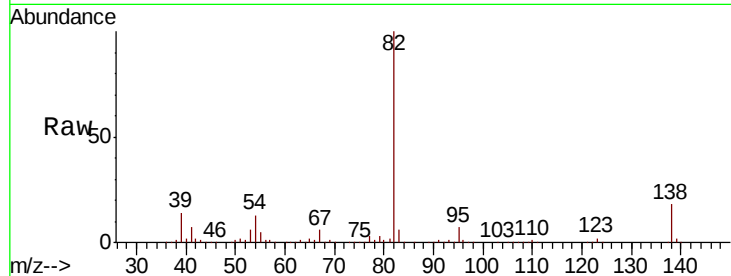
Tot Ion: 82 Resp: 2196044

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

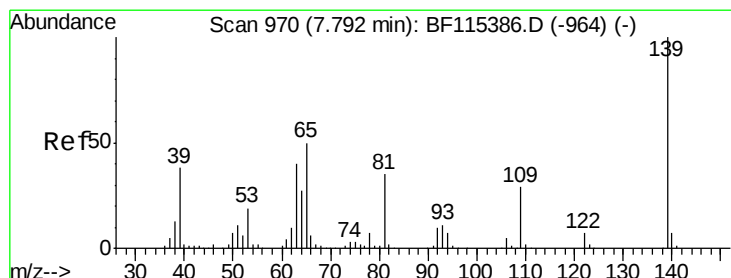
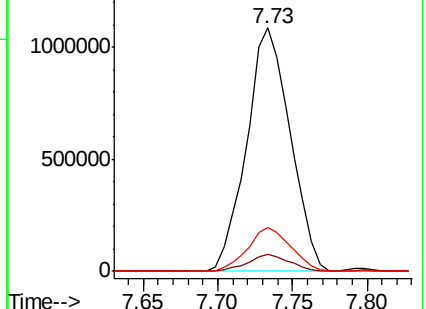
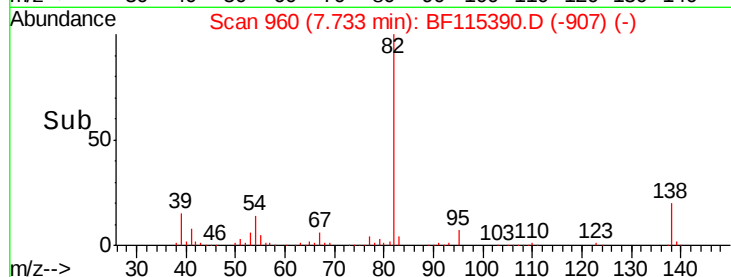
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF115390.D (-960) (-)

Ion 95.00 (94.70 to 95.70): BF115390.D (-960) (-)

Ion 138.00 (137.70 to 138.70): BF115390.D (-960) (-)



#26

2-Nitrophenol

Concen: 98.038 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

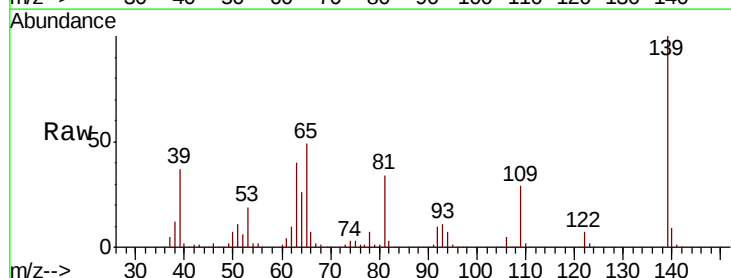
Tgt Ion: 139 Resp: 536753

Ion Ratio Lower Upper

139 100

109 28.8 22.9 34.3

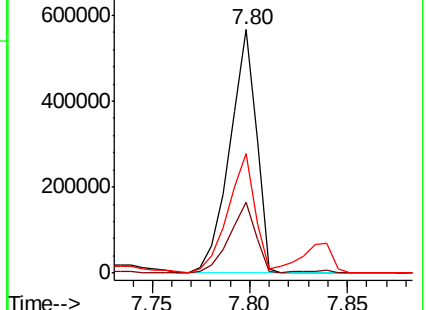
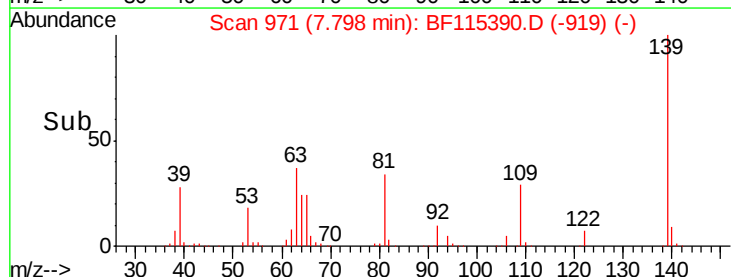
65 48.9 40.2 60.4

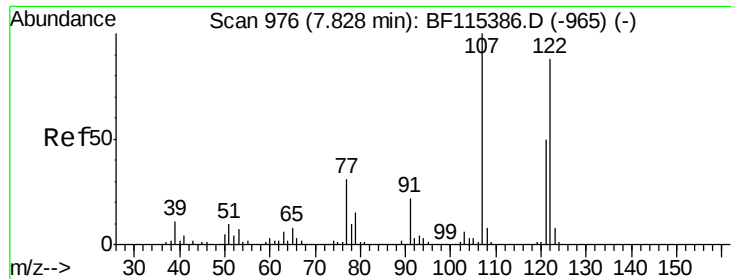


Abundance Ion 139.00 (138.70 to 139.70): BF115390.D (-971) (-)

Ion 109.00 (108.70 to 109.70): BF115390.D (-971) (-)

Ion 65.00 (64.70 to 65.70): BF115390.D (-971) (-)

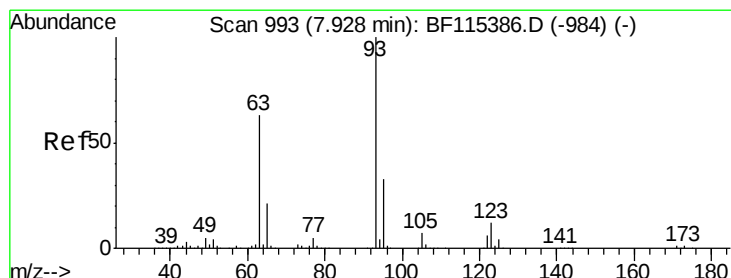
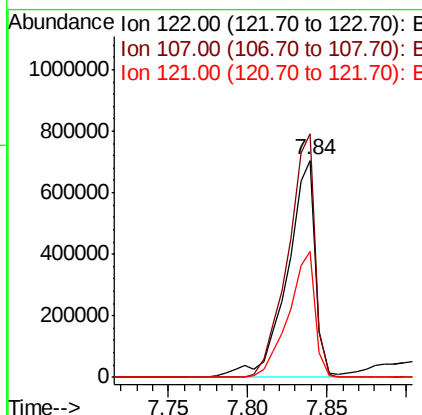
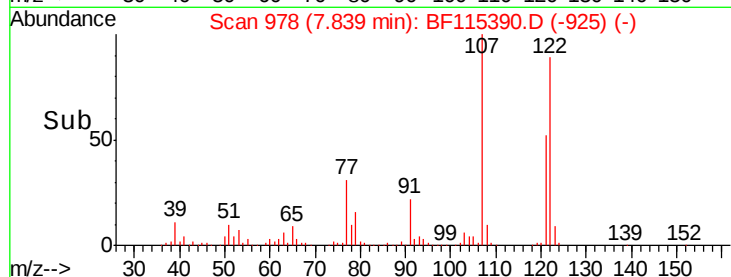
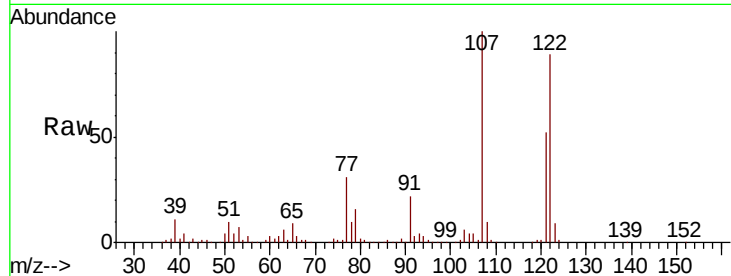




#27
2,4-Dimethylphenol
Concen: 96.860 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

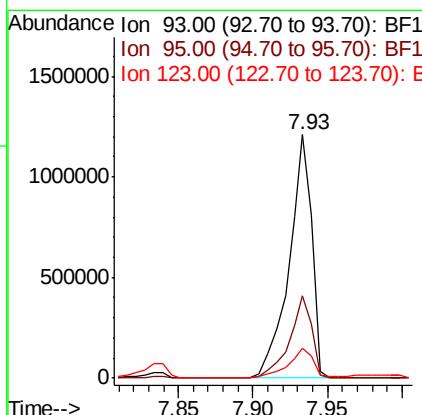
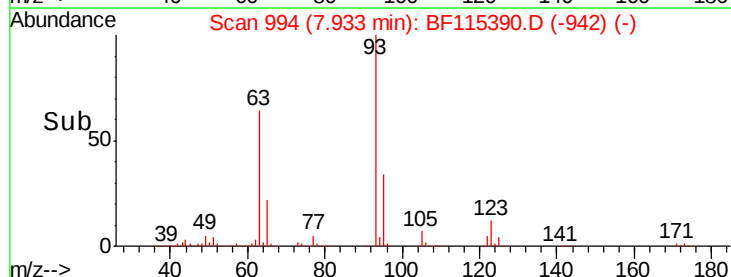
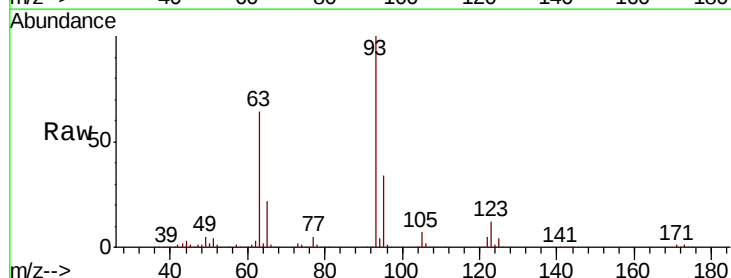
Instrument :
BNA_F
ClientSampled :

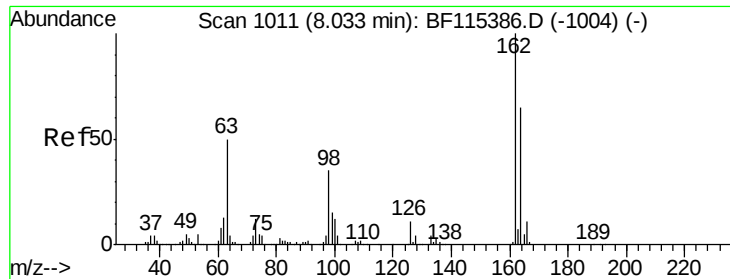
Tot Ion:122 Resp: 868265
Ion Ratio Lower Upper
122 100
107 112.2 91.0 136.6
121 58.2 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 99.114 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion: 93 Resp: 1291405
Ion Ratio Lower Upper
93 100
95 34.0 26.6 39.8
123 12.2 10.0 15.0

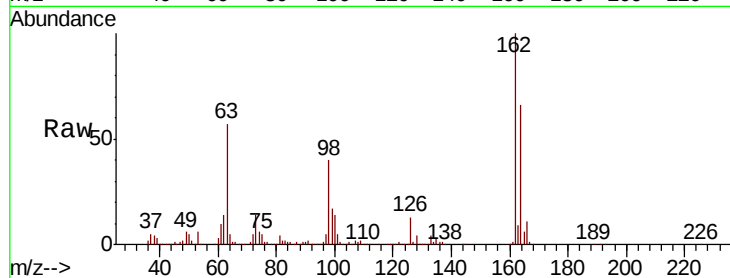




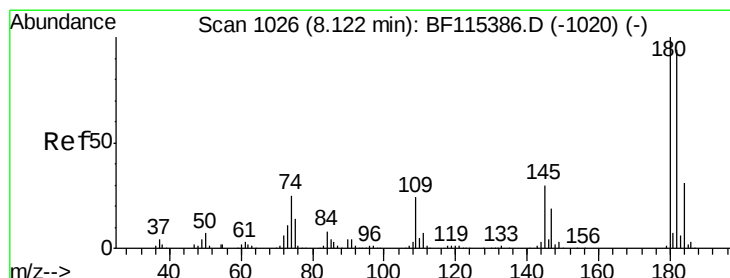
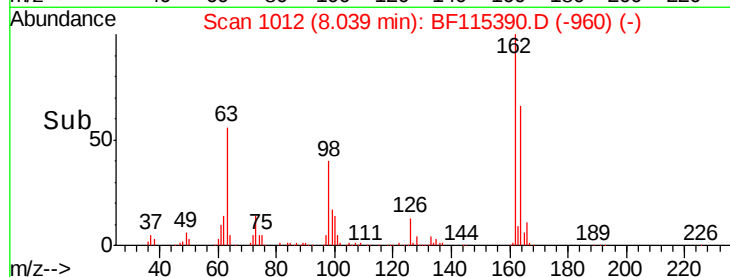
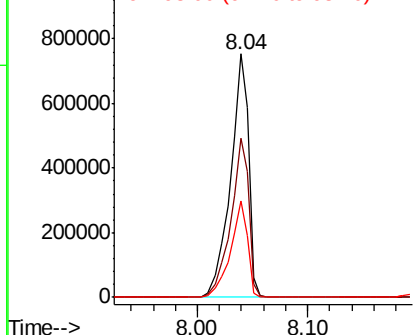
#29
2,4-Dichlorophenol
Concen: 93.197 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 862146
Ion Ratio Lower Upper
162 100
164 65.6 44.6 84.6
98 39.6 15.0 55.0

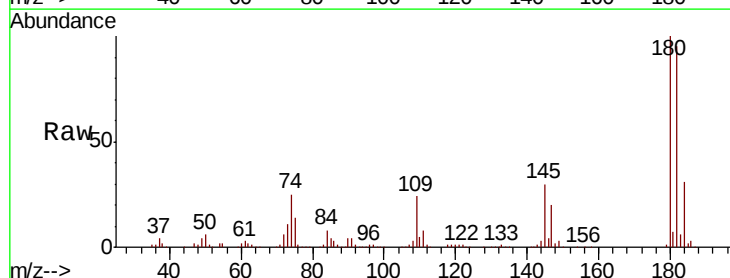


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

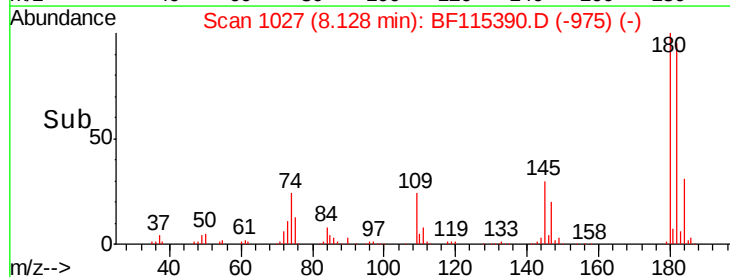
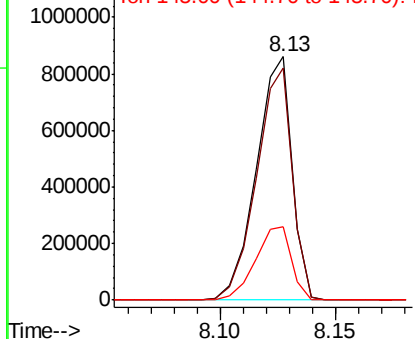


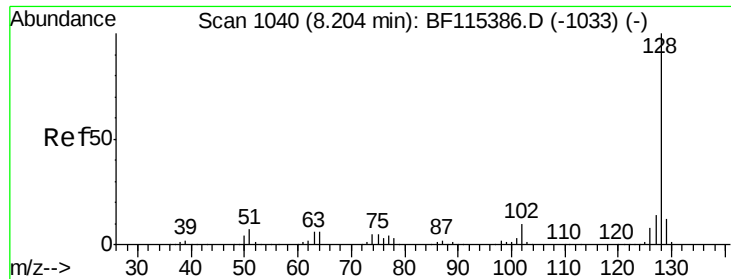
#30
1,2,4-Trichlorobenzene
Concen: 90.587 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:180 Resp: 925643
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
145 30.1 23.8 35.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

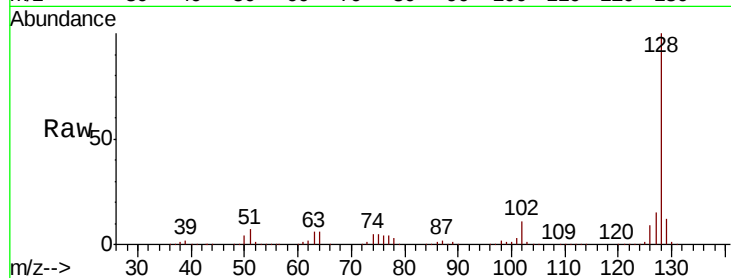




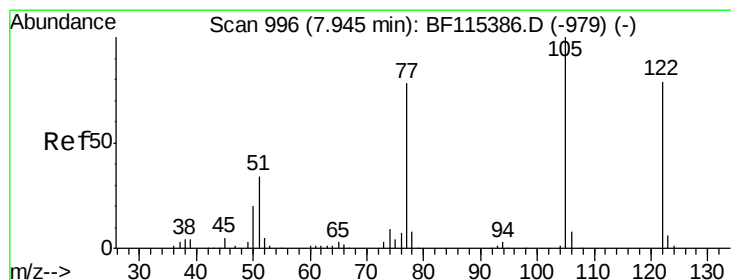
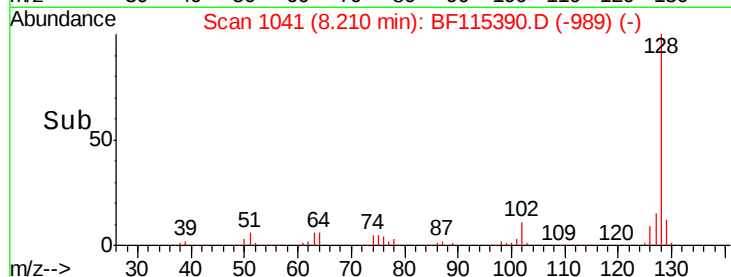
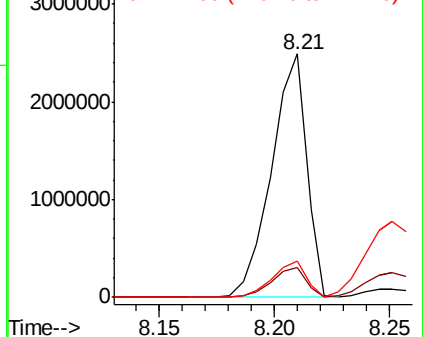
#31
Naphthalene
Concen: 86.747 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2635988
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 14.7 11.2 16.8

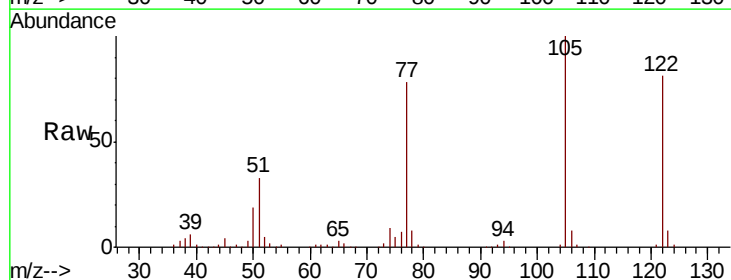


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

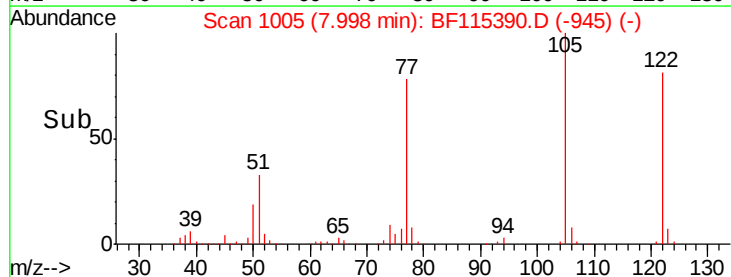
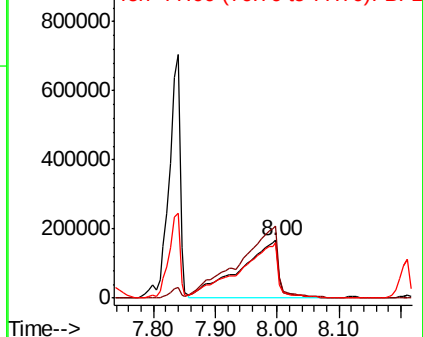


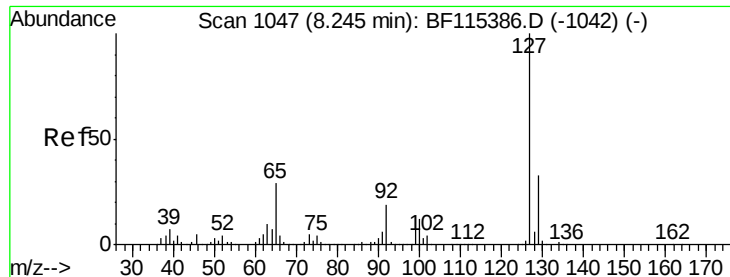
#32
Benzoic acid
Concen: 115.714 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.05 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:122 Resp: 740417
Ion Ratio Lower Upper
122 100
105 123.6 105.1 145.1
77 96.9 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

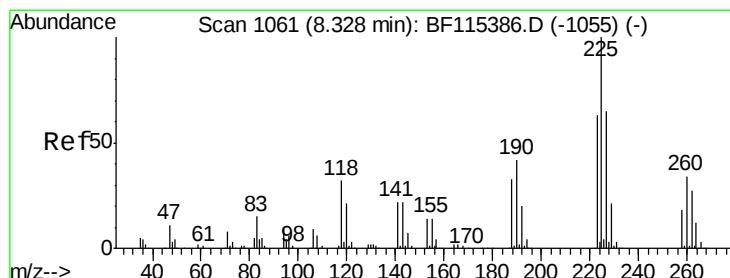
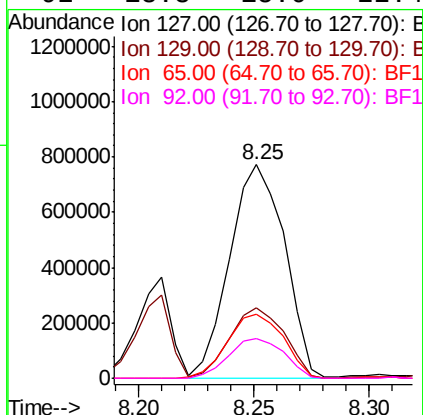
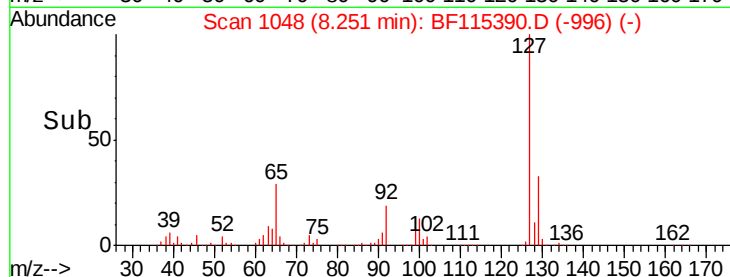
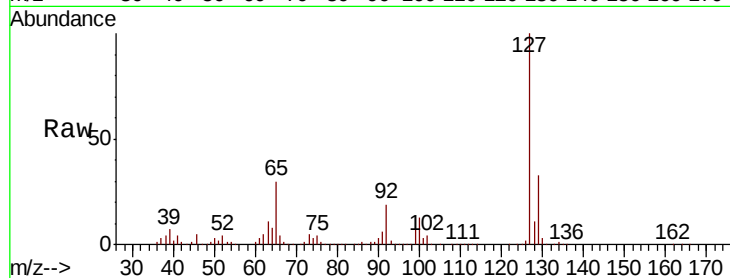




#33
4-Chloroaniline
Concen: 92.238 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

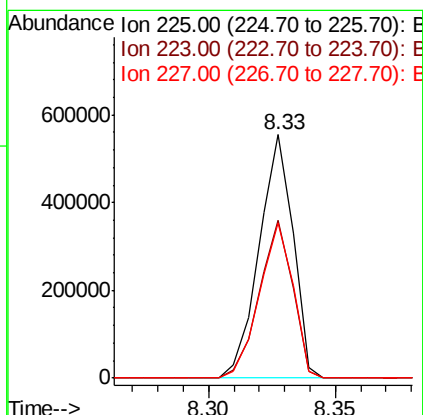
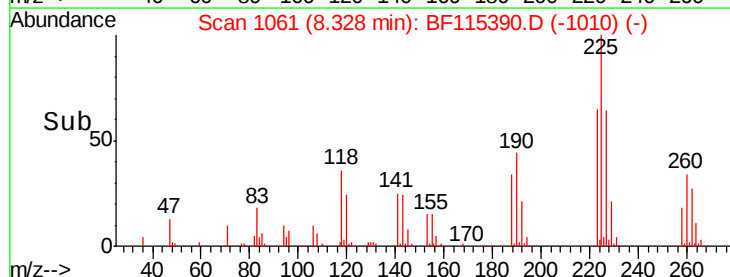
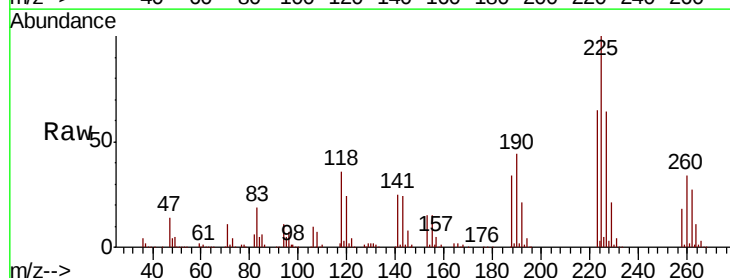
Instrument :
BNA_F
ClientSampled :

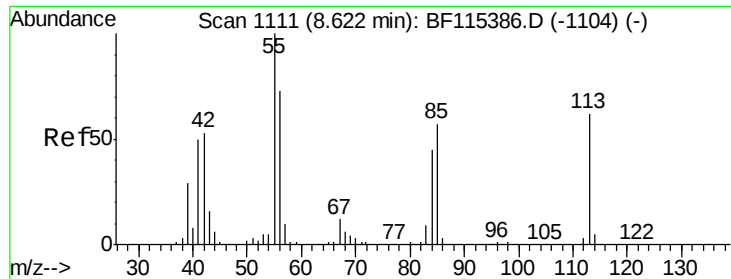
Tot Ion:	127	Resp:	1280967
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	30.1	23.3	34.9
92	18.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 91.697 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:	225	Resp:	513476
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.7	76.1
227	63.5	52.1	78.1

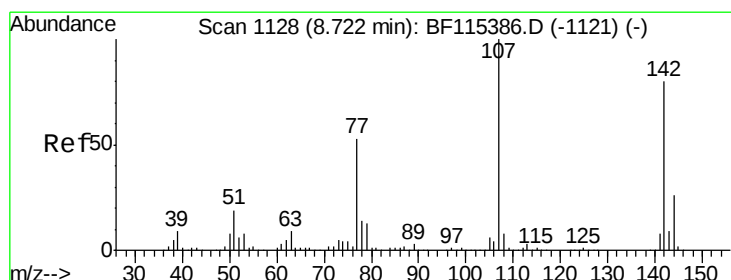
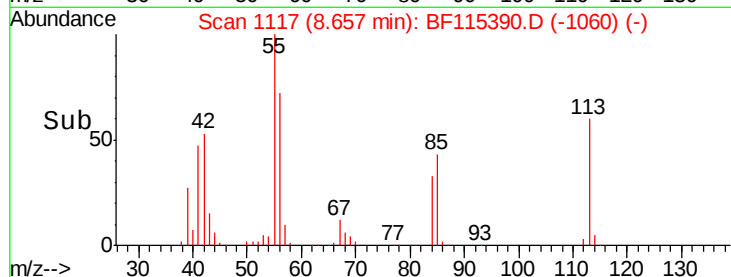
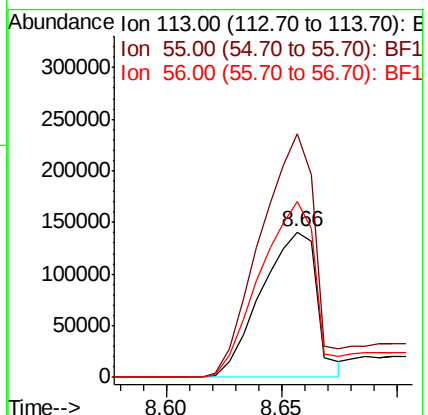
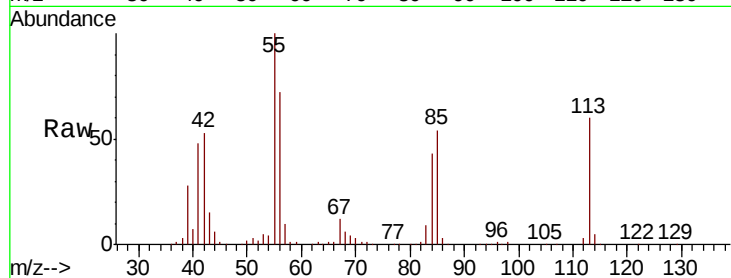




#35
 Caprolactam
 Concen: 75.634 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.04 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

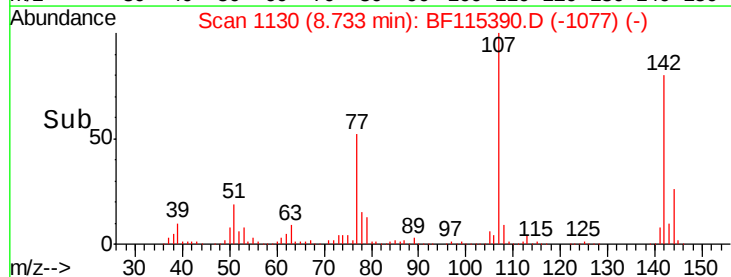
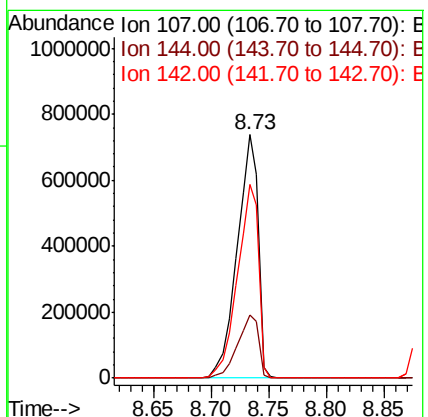
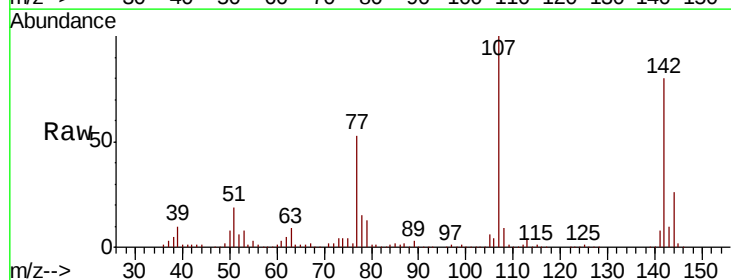
Instrument :
 BNA_F
 ClientSampleId :

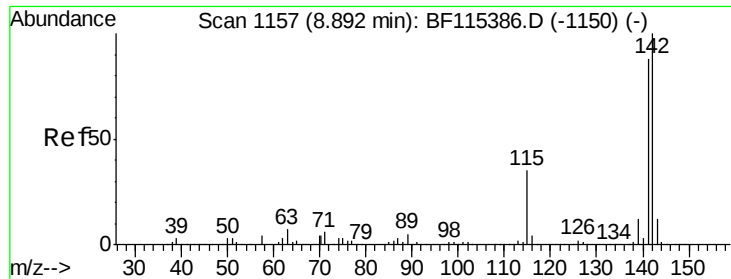
Tot Ion:113 Resp: 235237
 Ion Ratio Lower Upper
 113 100
 55 167.4 141.9 181.9
 56 121.1 98.7 138.7



#36
 4-Chloro-3-methylphenol
 Concen: 98.873 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:107 Resp: 926301
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.8 31.2
 142 79.6 64.0 96.0

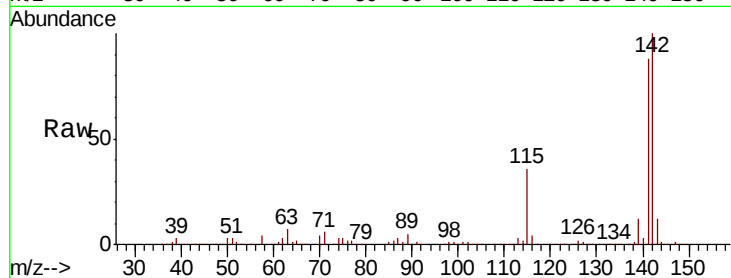




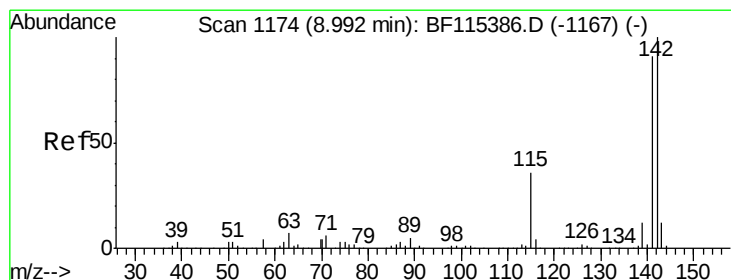
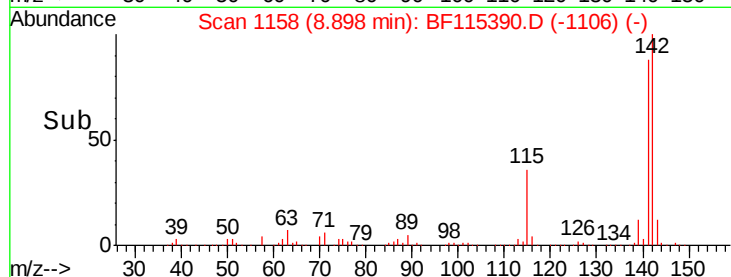
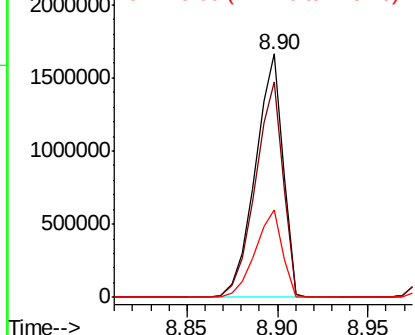
#37
2-Methylnaphthalene
Concen: 86.005 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1762130
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0
115 36.2 27.8 41.8

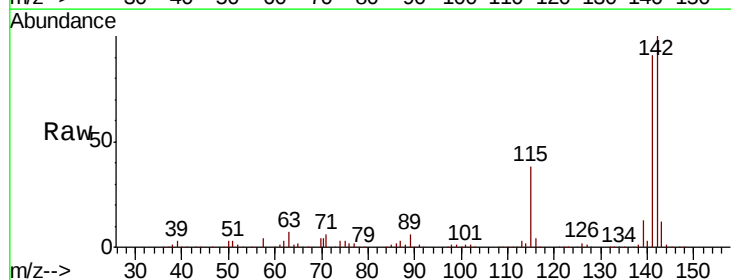


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

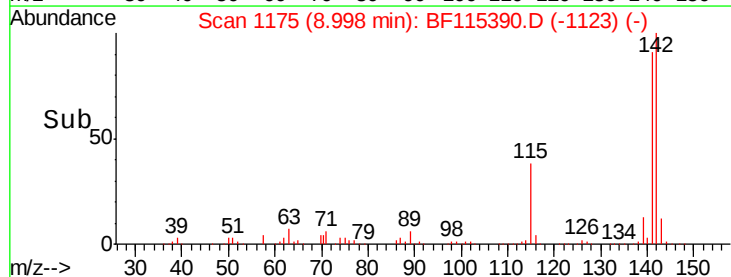
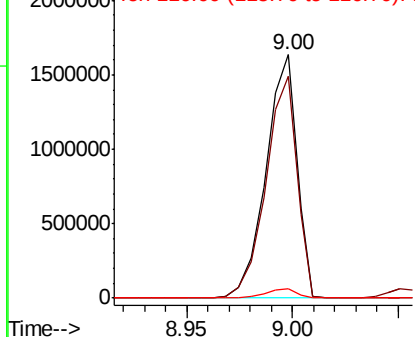


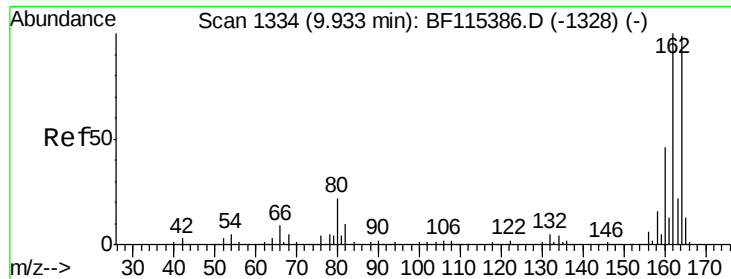
#38
1-Methylnaphthalene
Concen: 85.318 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:142 Resp: 1669497
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 4.0 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

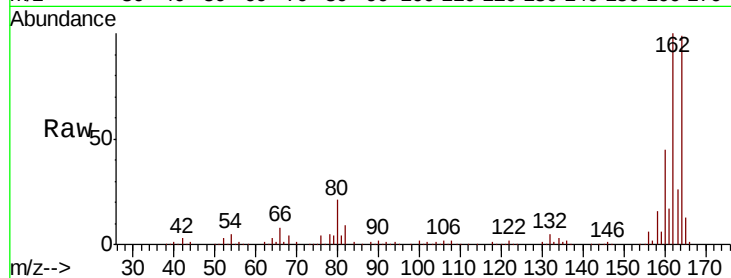




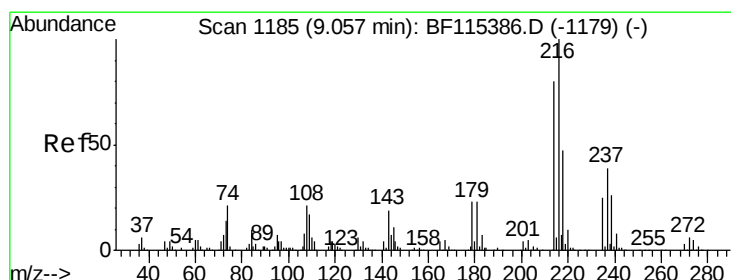
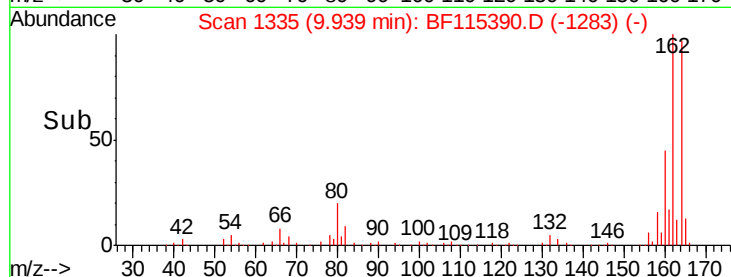
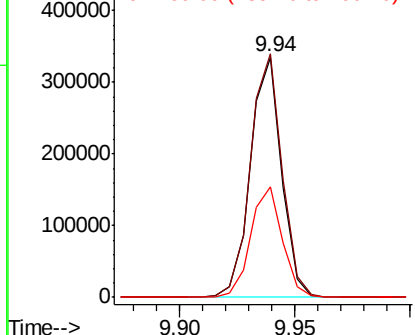
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 314219
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 46.1 37.0 55.6

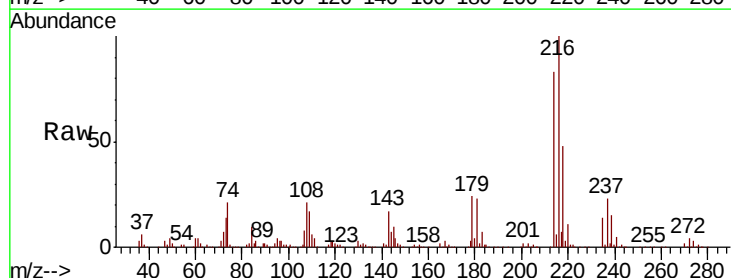


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

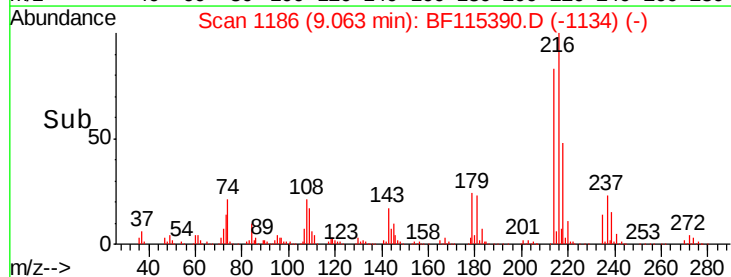
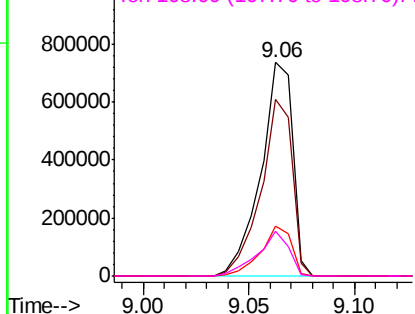


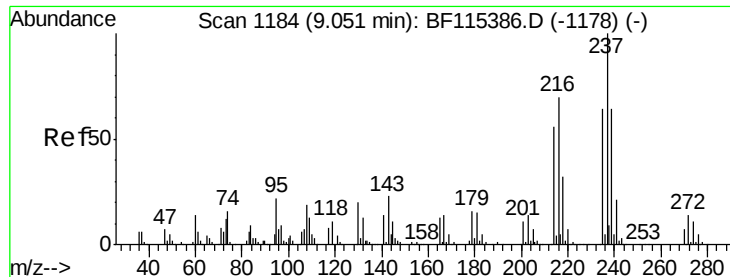
#40
1,2,4,5-Tetrachlorobenzene
Concen: 86.974 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:216 Resp: 772268
Ion Ratio Lower Upper
216 100
214 81.2 63.7 95.5
179 22.5 17.8 26.8
108 20.6 16.7 25.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.983 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

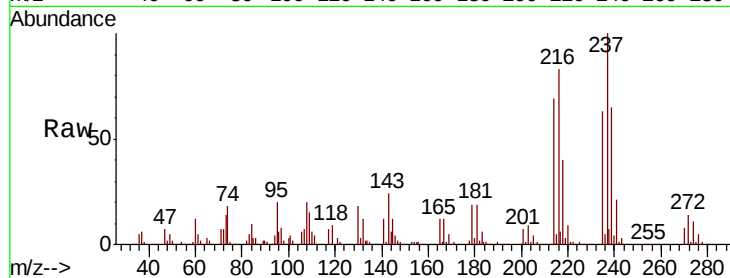
Tot Ion:237 Resp: 484297

Ion Ratio Lower Upper

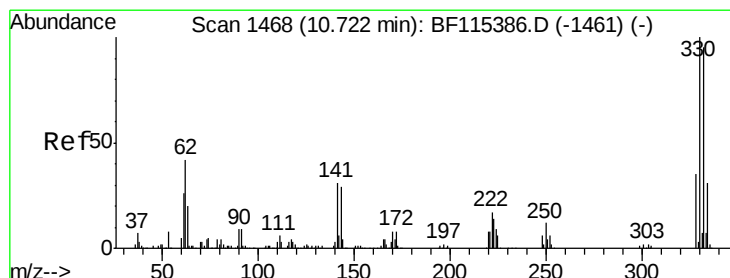
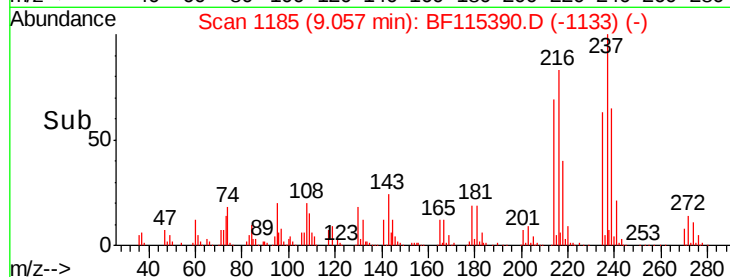
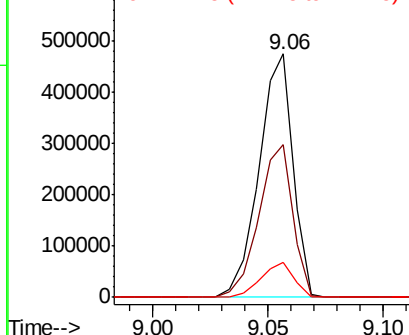
237 100

235 62.6 44.4 84.4

272 14.3 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 191.380 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

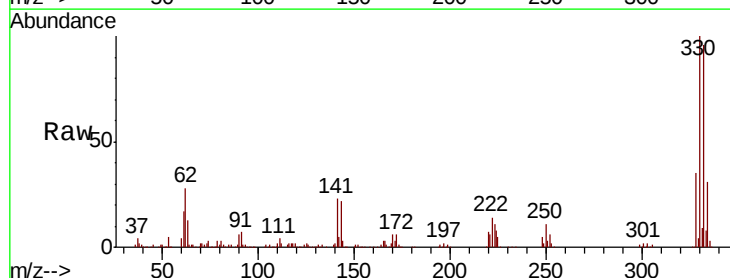
Tgt Ion:330 Resp: 634148

Ion Ratio Lower Upper

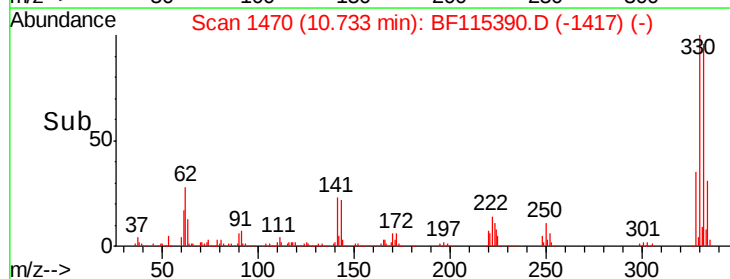
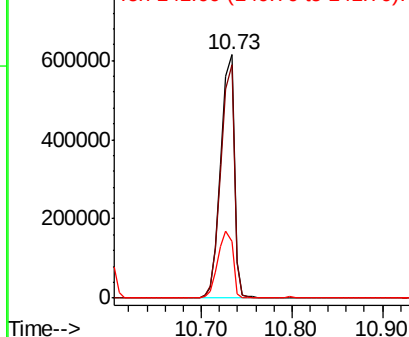
330 100

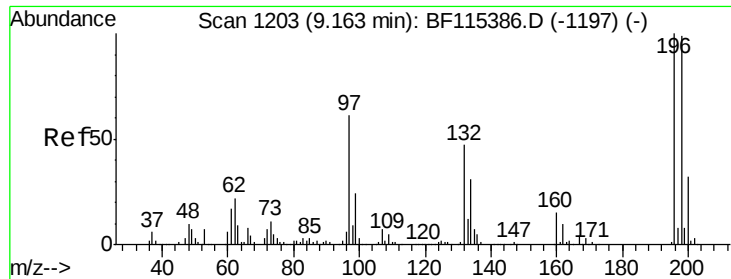
332 95.4 76.3 114.5

141 30.6 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

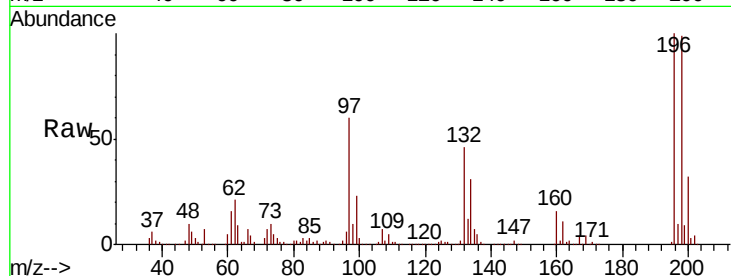




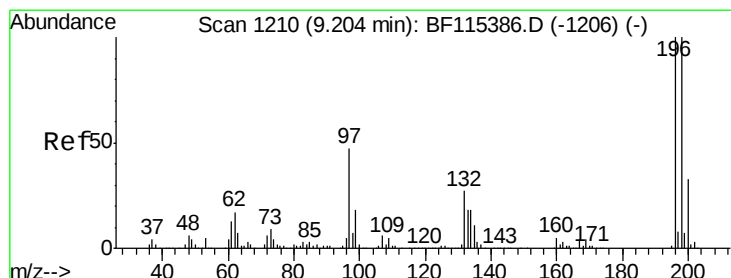
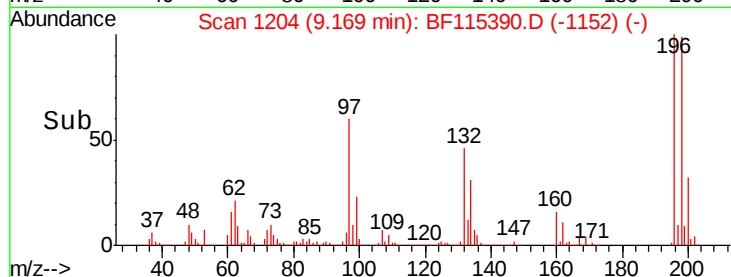
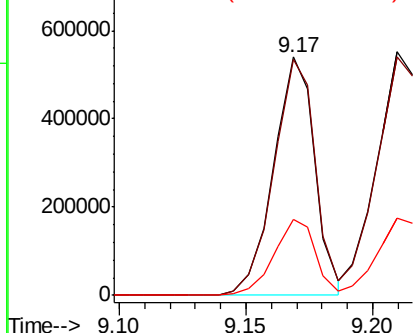
#43
 2,4,6-Trichlorophenol
 Concen: 89.680 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 614769
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.5 119.3
 200 31.8 25.8 38.8



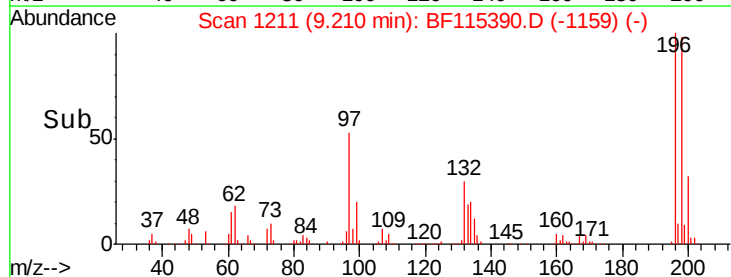
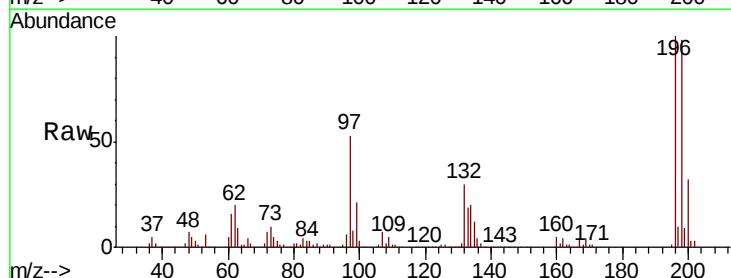
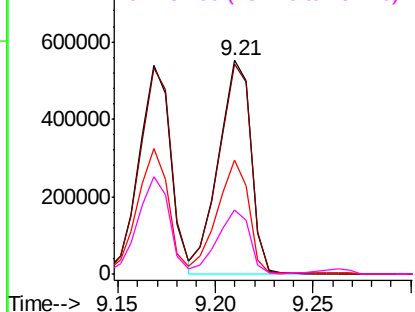
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

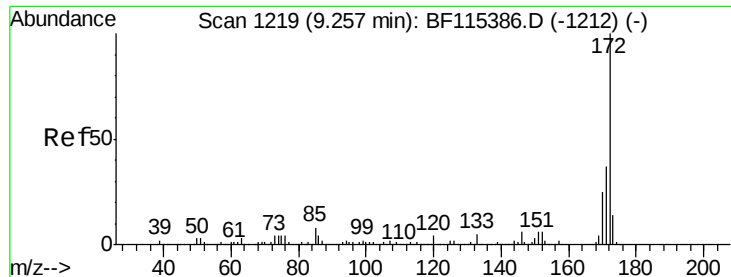


#44
 2,4,5-Trichlorophenol
 Concen: 90.008 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:196 Resp: 635411
 Ion Ratio Lower Upper
 196 100
 198 98.2 80.3 120.5
 97 53.1 38.3 57.5
 132 30.2 22.2 33.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

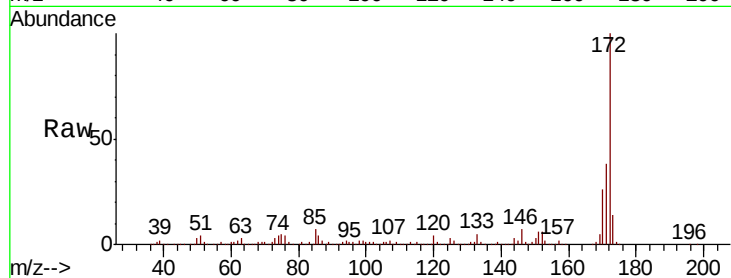




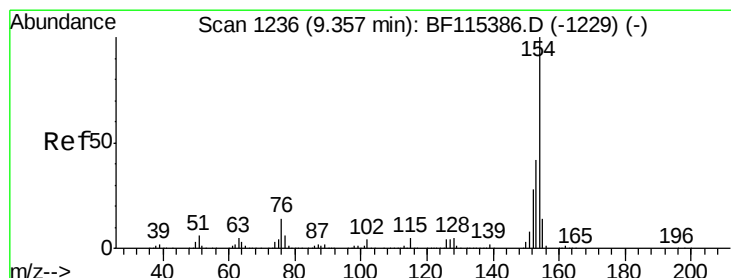
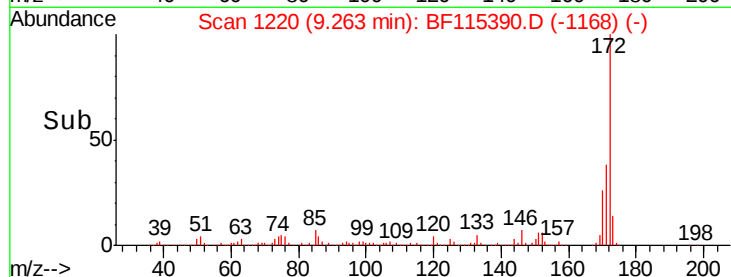
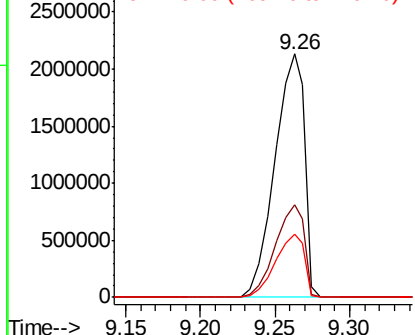
#45
 2-Fluorobiphenyl
 Concen: 160.080 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2961239
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.8 44.8
 170 25.7 20.2 30.4

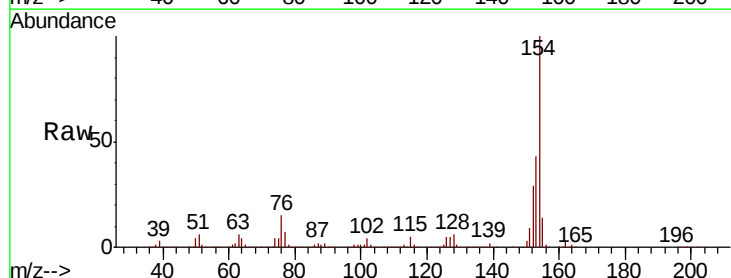


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

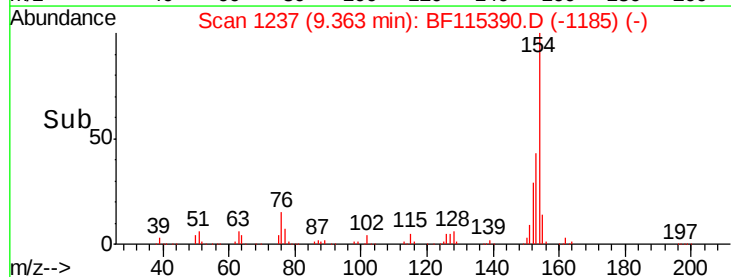
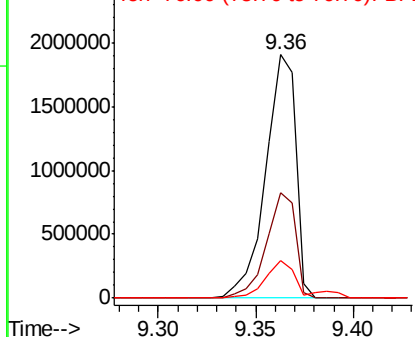


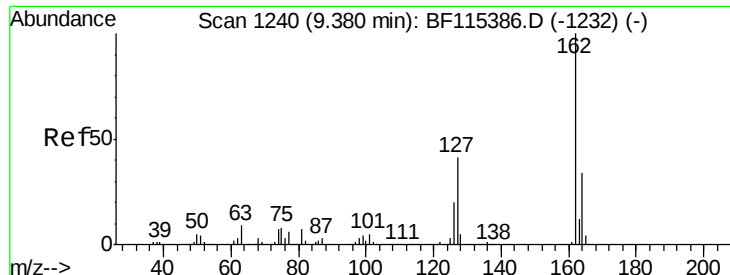
#46
 1,1'-Biphenyl
 Concen: 81.273 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:154 Resp: 2043356
 Ion Ratio Lower Upper
 154 100
 153 43.1 21.9 61.9
 76 15.4 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

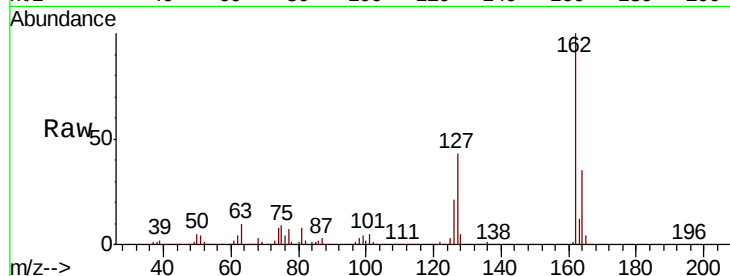




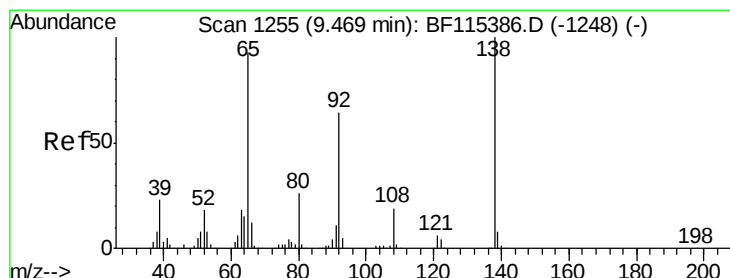
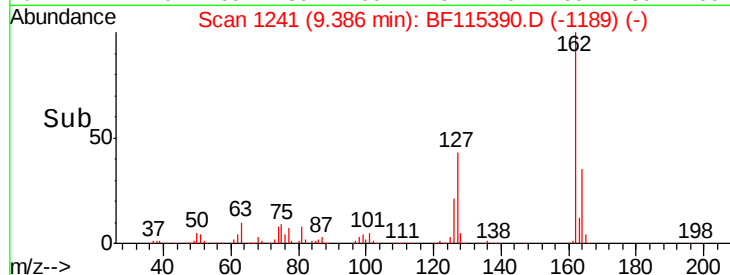
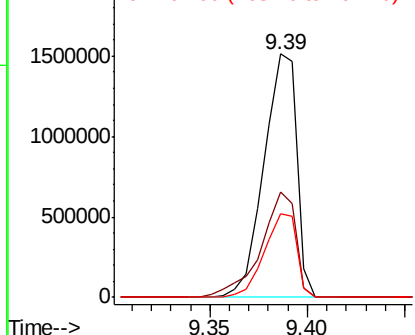
#47
 2-Chloronaphthalene
 Concen: 86.644 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1767029
 Ion Ratio Lower Upper
 162 100
 127 43.0 32.8 49.2
 164 34.5 27.0 40.6

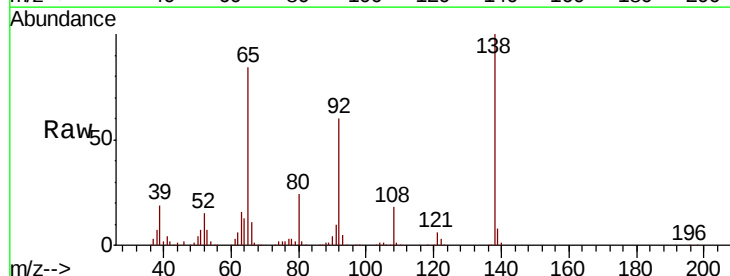


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

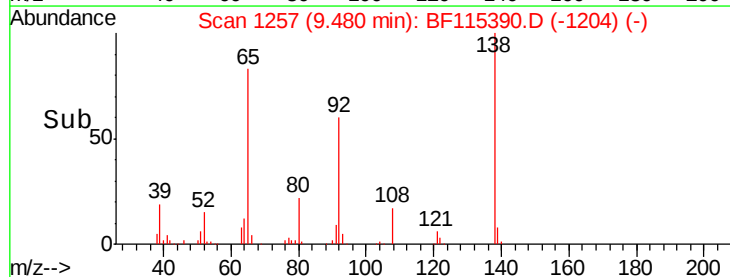
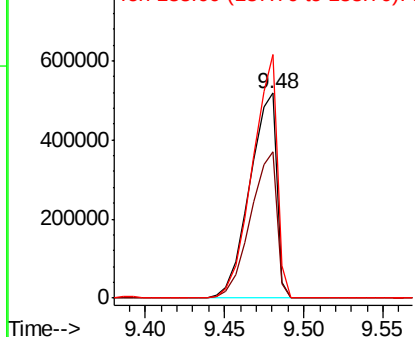


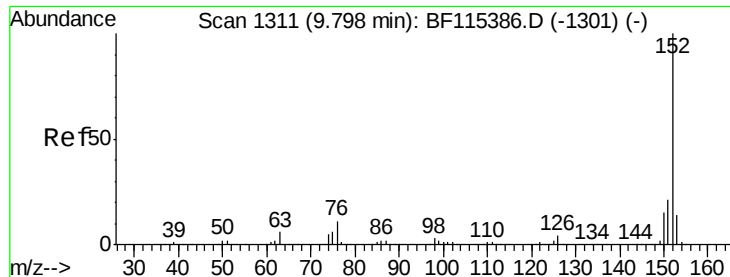
#48
 2-Nitroaniline
 Concen: 103.086 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion: 65 Resp: 612919
 Ion Ratio Lower Upper
 65 100
 92 71.7 55.4 83.0
 138 118.8 85.8 128.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 83.644 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

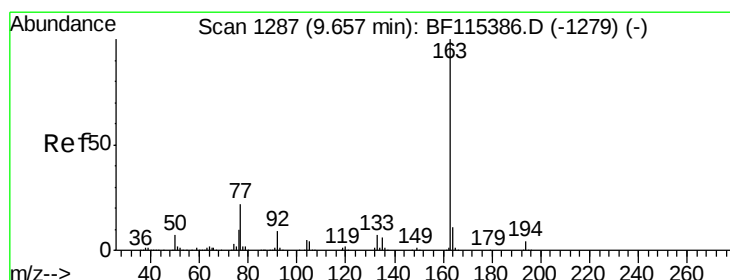
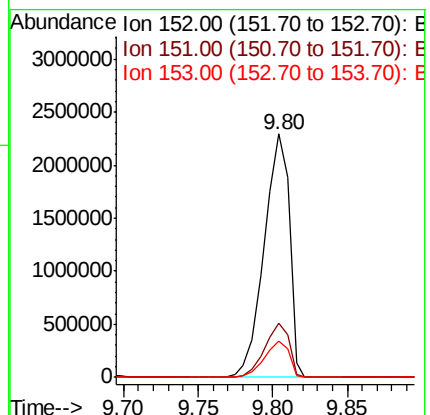
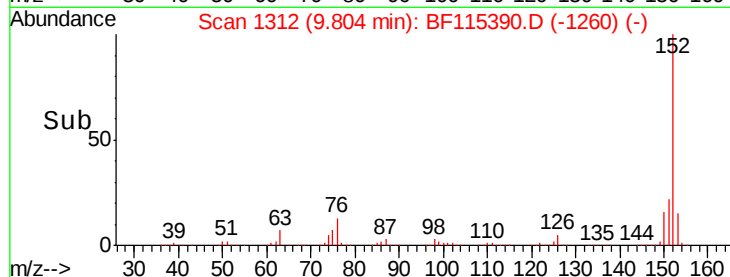
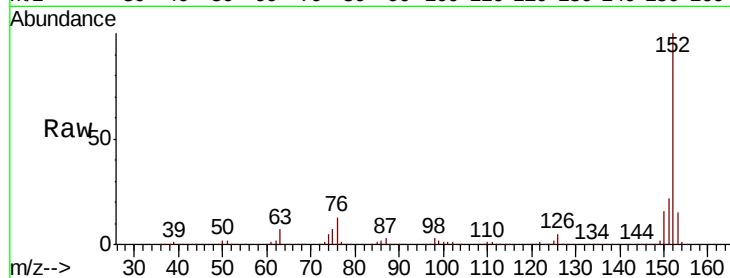
Tot Ion:152 Resp: 2657738

Ion Ratio Lower Upper

152 100

151 22.3 17.0 25.4

153 15.1 11.4 17.2



#50

Dimethylphthalate

Concen: 90.183 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.02 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

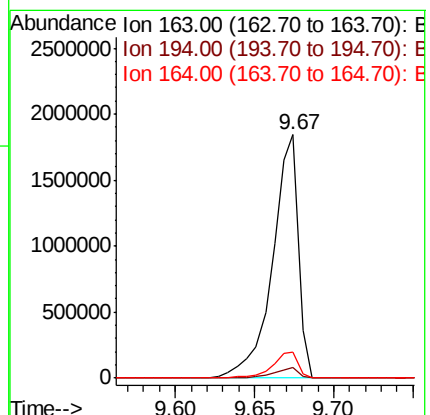
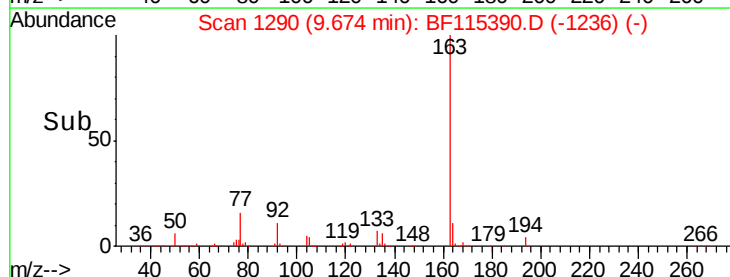
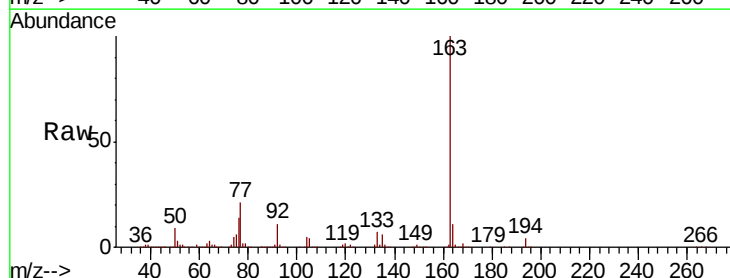
Tgt Ion:163 Resp: 2084838

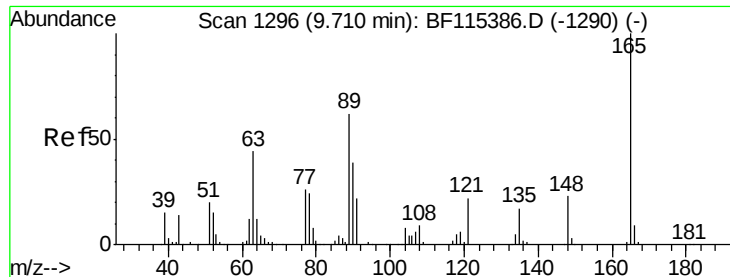
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.8 8.5 12.7

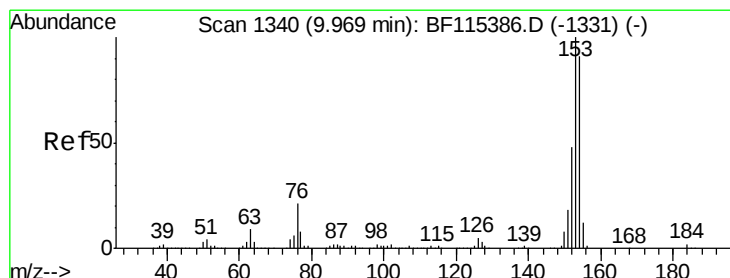
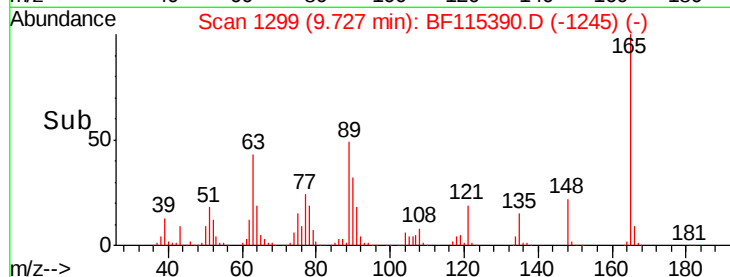
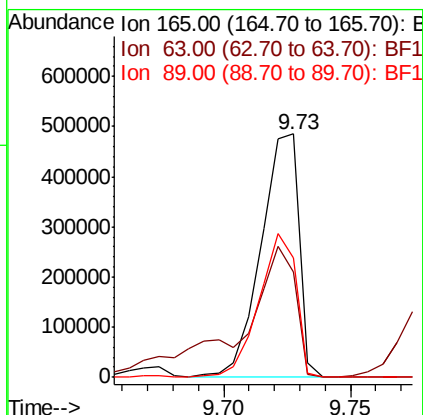
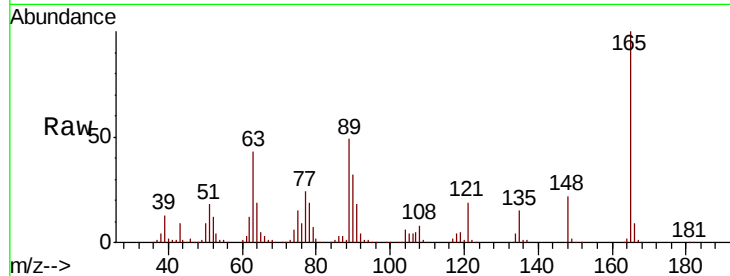




#51
 2,6-Dinitrotoluene
 Concen: 95.924 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.02 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

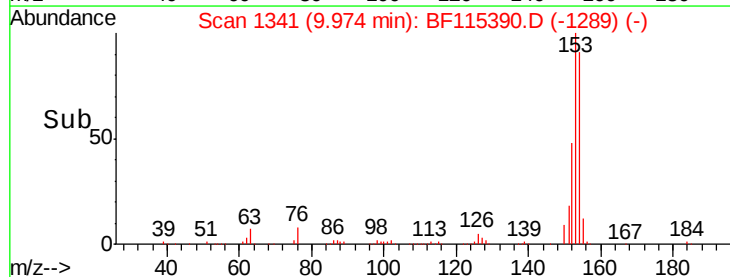
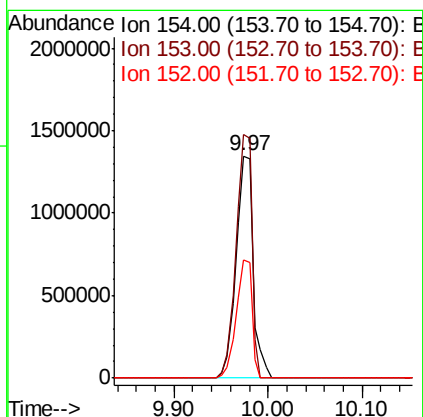
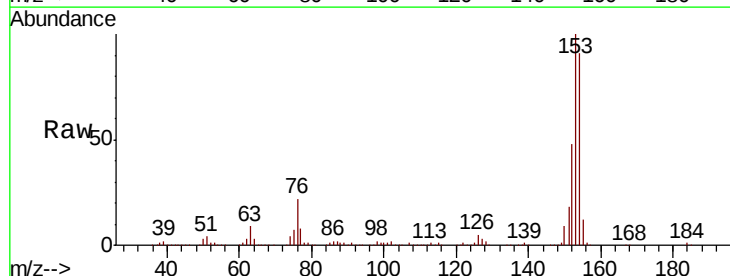
Instrument :
 BNA_F
 ClientSampleId :

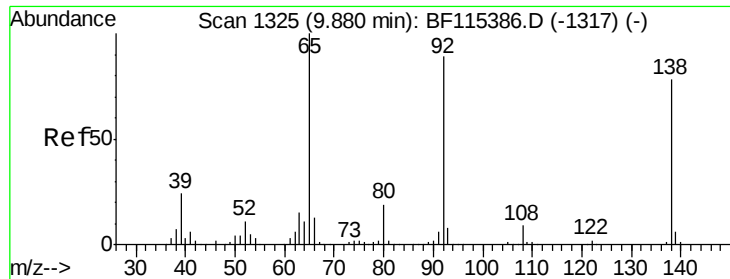
Tot Ion:165 Resp: 511963
 Ion Ratio Lower Upper
 165 100
 63 43.3 45.8 68.6#
 89 49.3 49.9 74.9#



#52
 Acenaphthene
 Concen: 85.293 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:154 Resp: 1695878
 Ion Ratio Lower Upper
 154 100
 153 109.5 87.9 131.9
 152 52.9 42.2 63.2

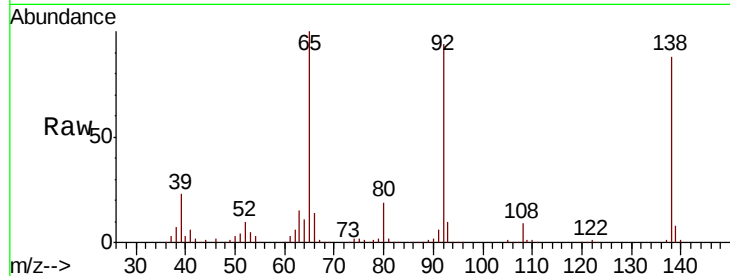




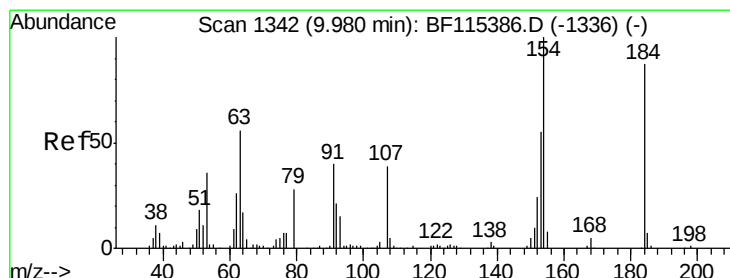
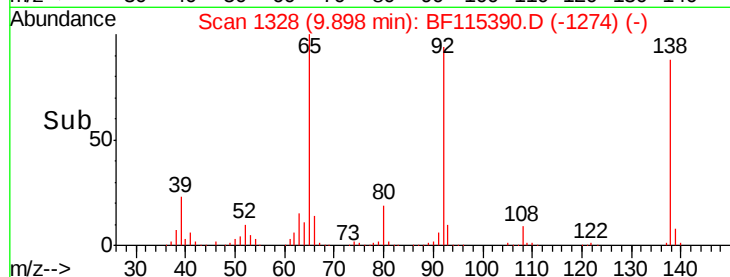
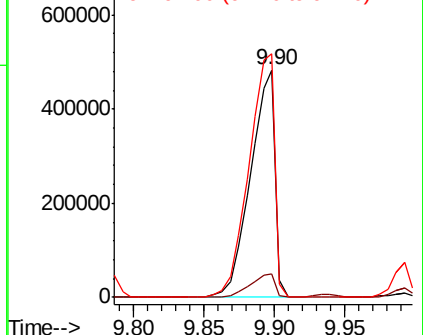
#53
3-Nitroaniline
Concen: 90.227 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 587659
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 107.2 90.5 135.7

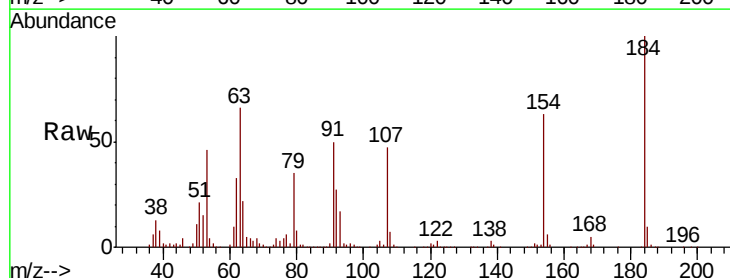


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

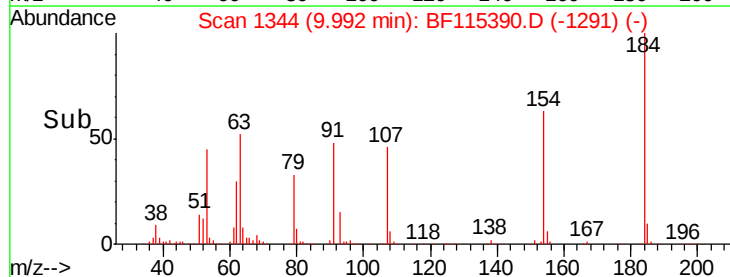
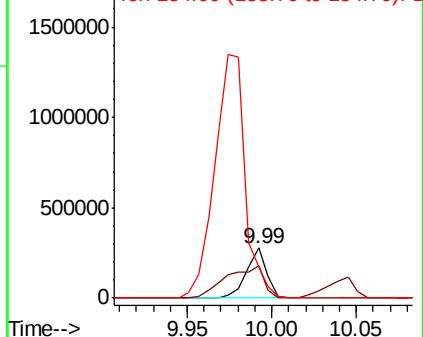


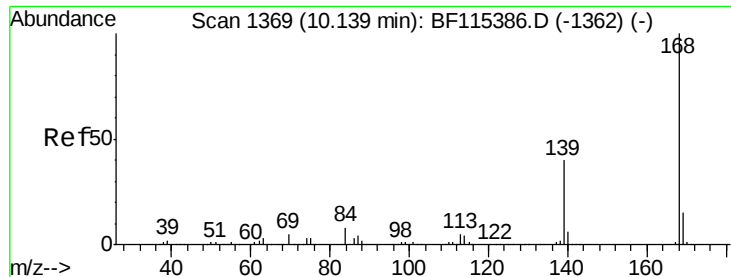
#54
2,4-Dinitrophenol
Concen: 98.277 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:184 Resp: 231381
Ion Ratio Lower Upper
184 100
63 66.0 52.1 78.1
154 62.6 97.7 146.5#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

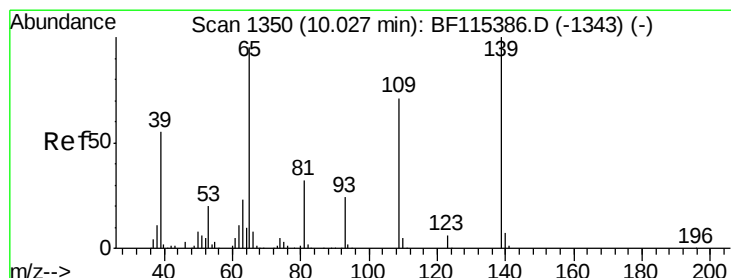
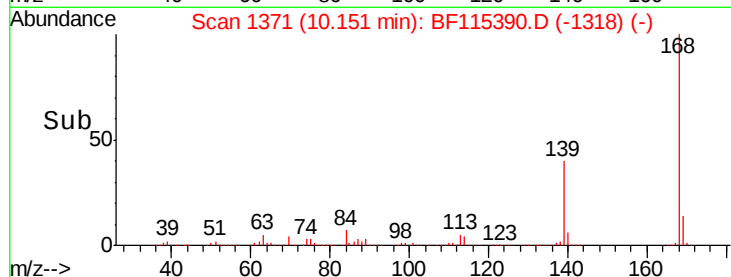
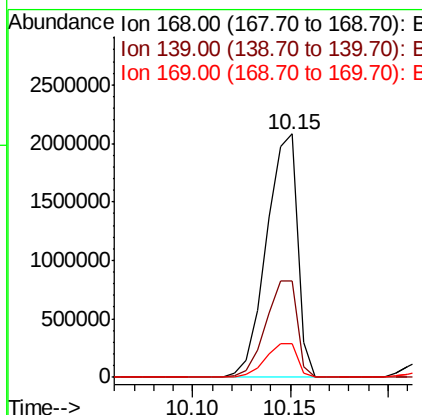
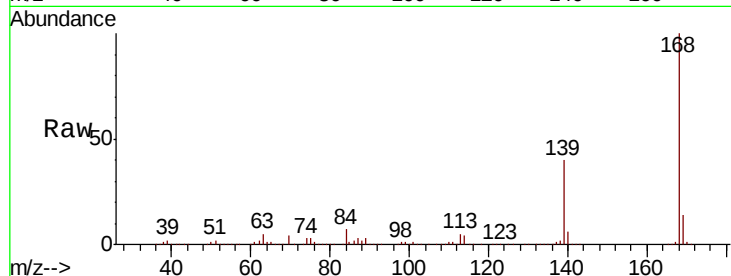




#55
 Dibenzofuran
 Concen: 80.162 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

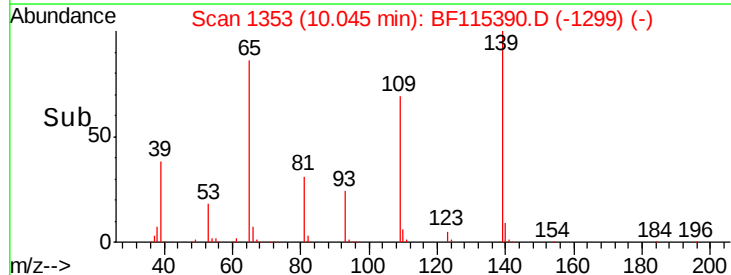
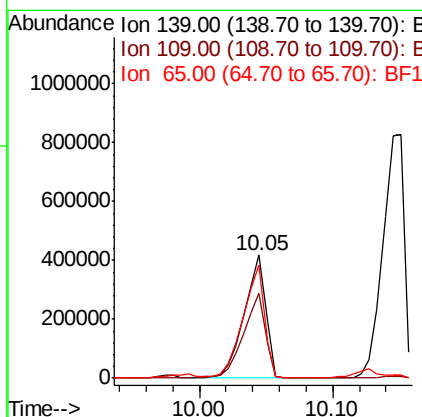
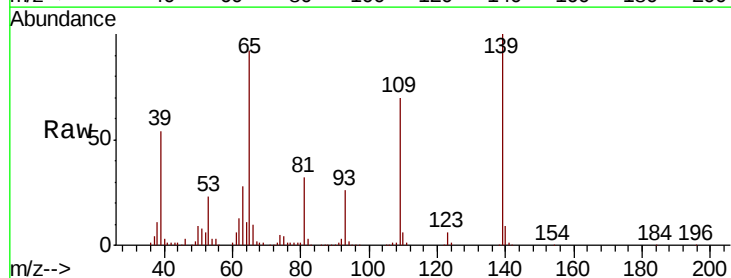
Instrument :
 BNA_F
 ClientSampled :

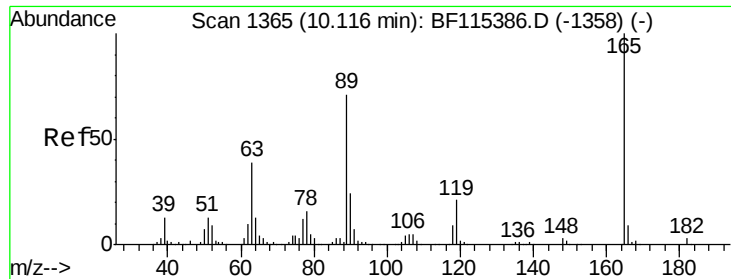
Tot Ion:168 Resp: 2287615
 Ion Ratio Lower Upper
 168 100
 139 39.8 32.2 48.2
 169 14.0 11.7 17.5



#56
 4-Nitrophenol
 Concen: 88.743 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.02 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:139 Resp: 463378
 Ion Ratio Lower Upper
 139 100
 109 69.6 51.1 91.1
 65 91.8 75.2 115.2

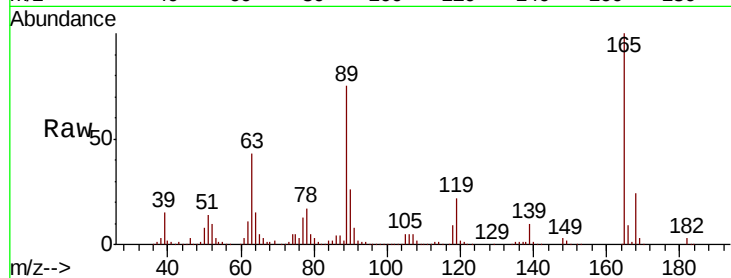




#57
2,4-Dinitrotoluene
Concen: 96.165 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	31.4	47.0
89	74.8	57.1	85.7
182	2.6	2.2	3.2



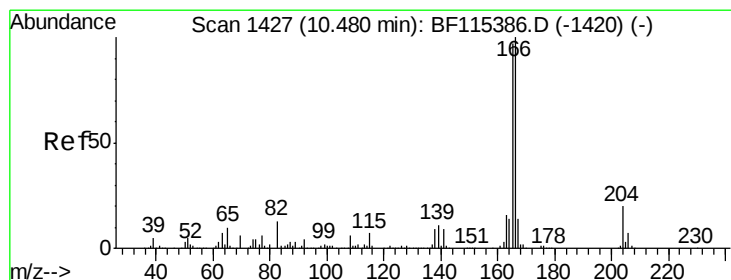
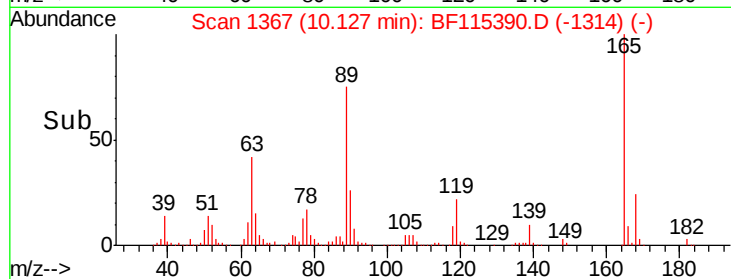
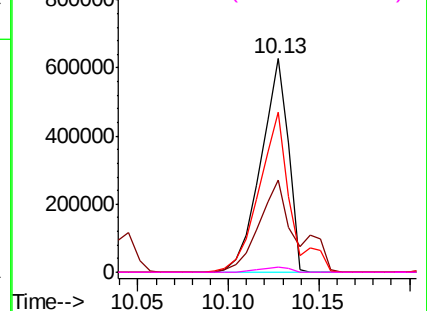
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

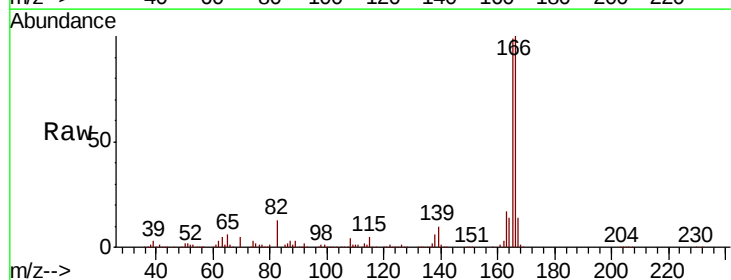
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 75.767 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.6
167	13.5	11.0	16.6

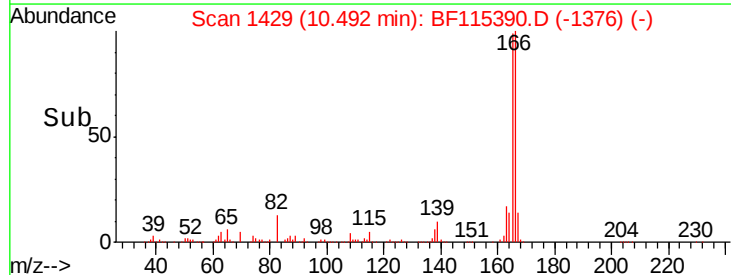
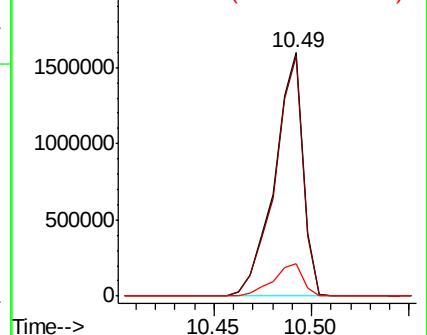


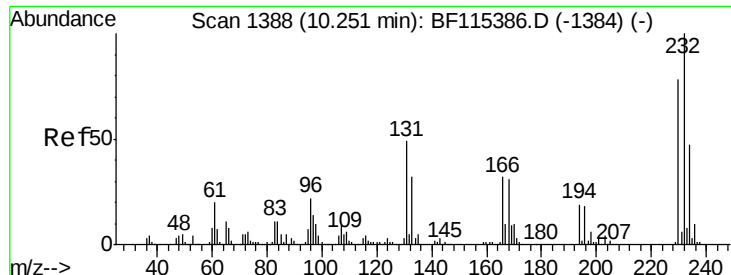
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

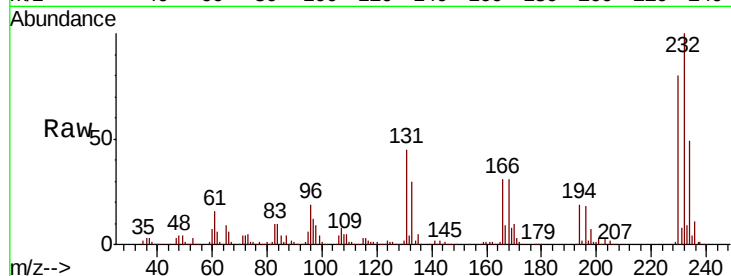




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 88.502 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	36.6	55.0
130	2.4	1.8	2.8
166	31.4	24.6	36.8



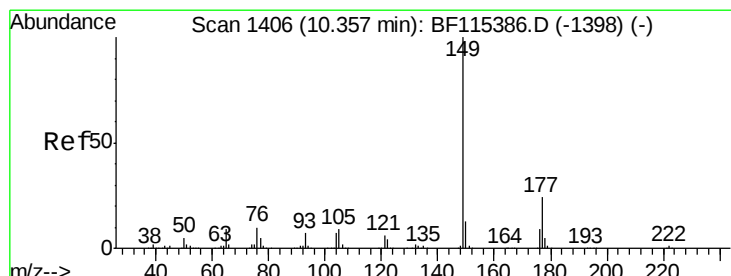
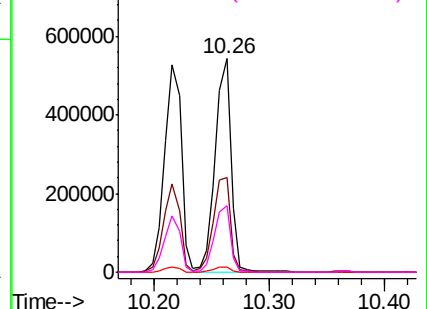
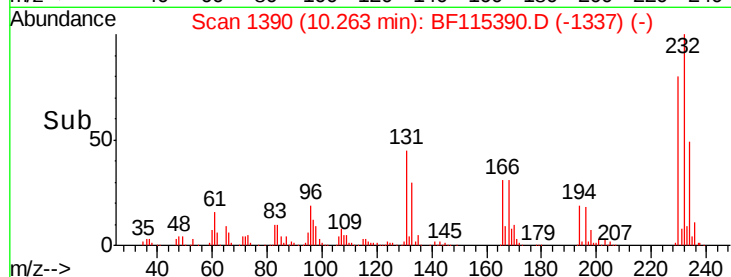
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

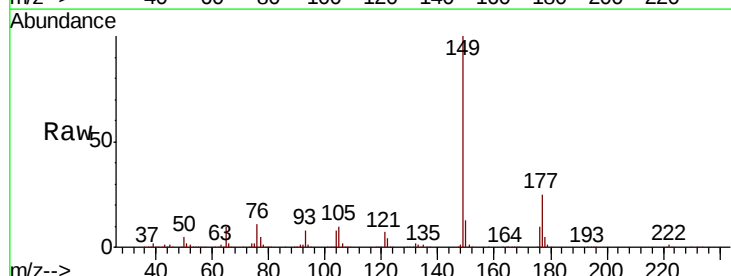
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 86.216 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.8	28.2
150	13.3	10.2	15.2

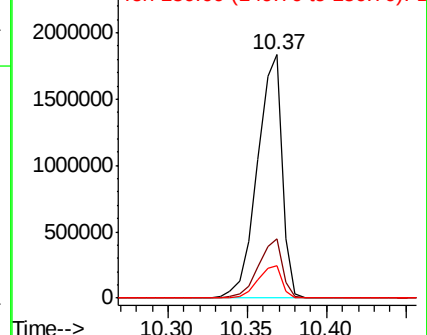
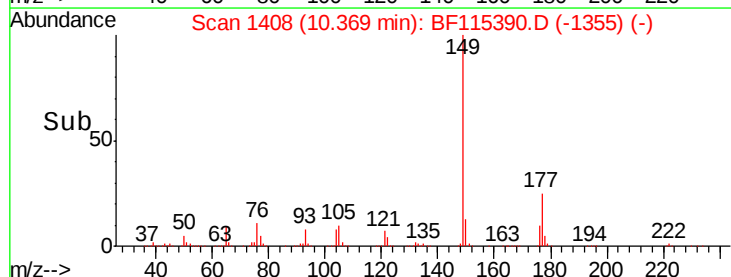


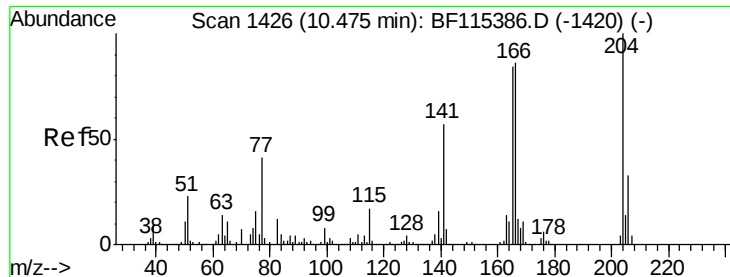
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

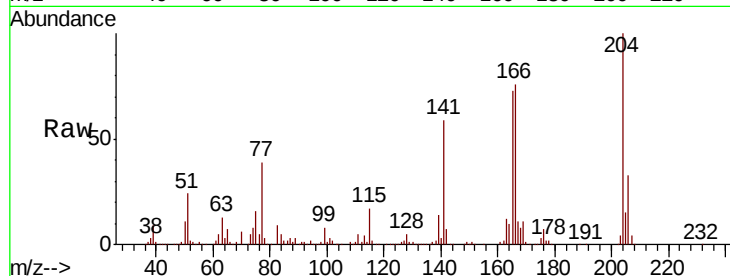




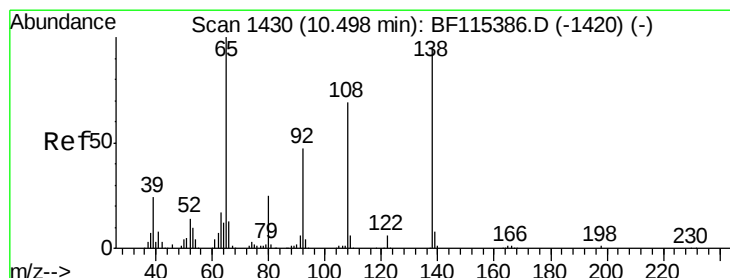
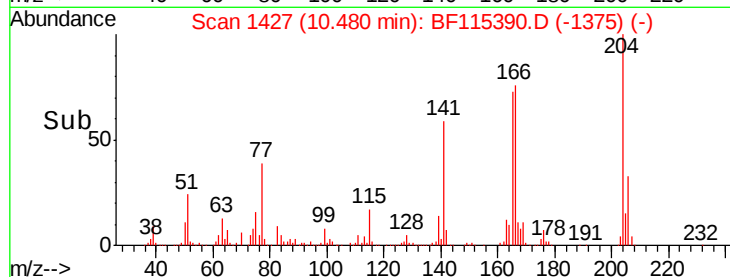
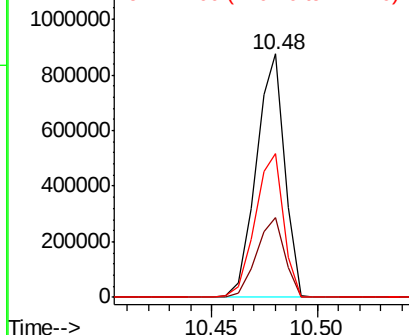
#61
4-Chlorophenyl-phenylether
Concen: 80.606 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 816444
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 59.0 45.8 68.6

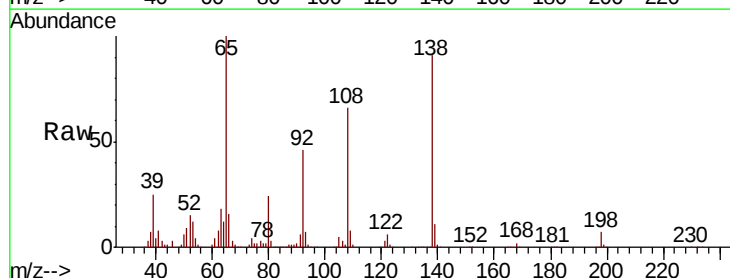


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

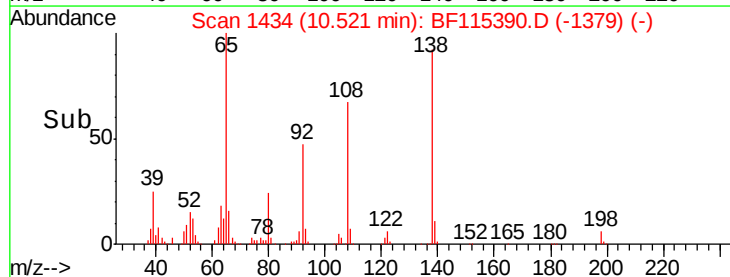
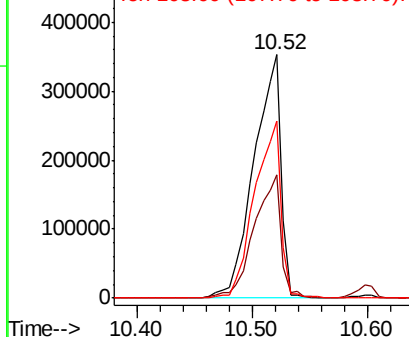


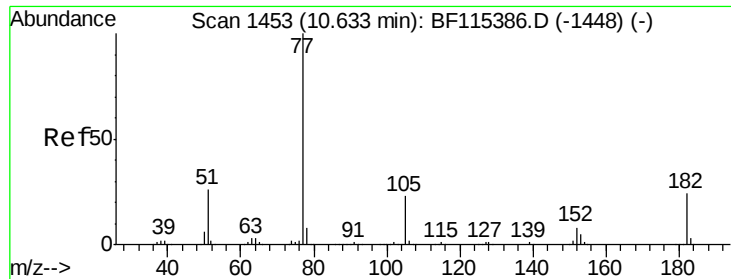
#62
4-Nitroaniline
Concen: 88.575 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:138 Resp: 578745
Ion Ratio Lower Upper
138 100
92 50.6 29.3 69.3
108 72.8 53.2 93.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

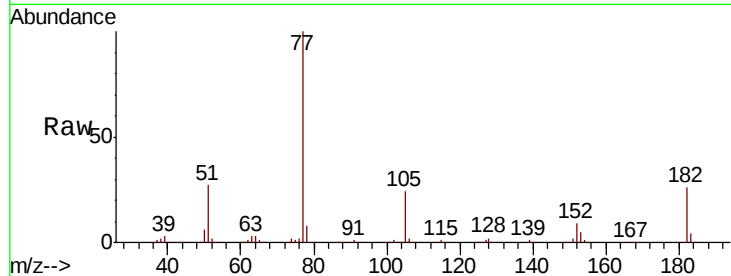




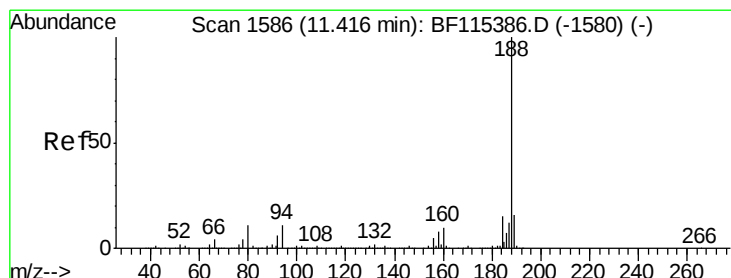
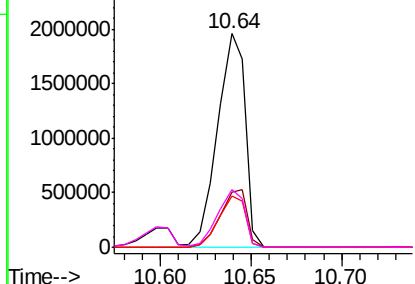
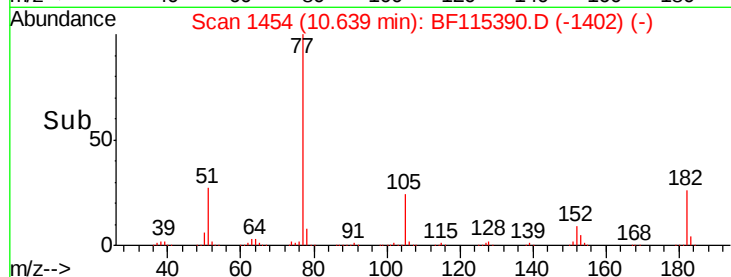
#63
Azobenzene
Concen: 95.690 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 2076973
Ion Ratio Lower Upper
77 100
182 25.6 4.1 44.1
105 23.7 2.6 42.6
51 27.3 6.4 46.4

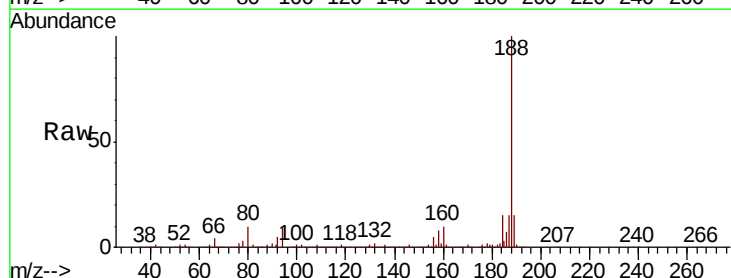


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

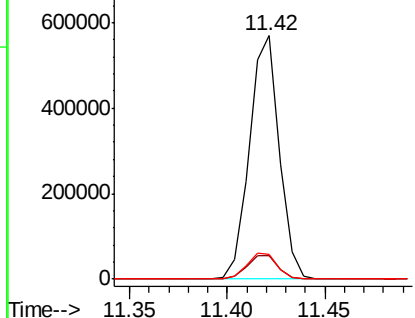
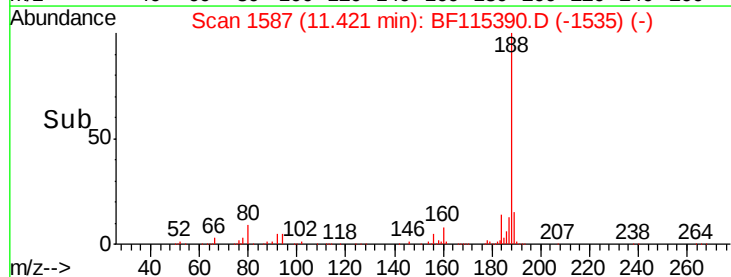


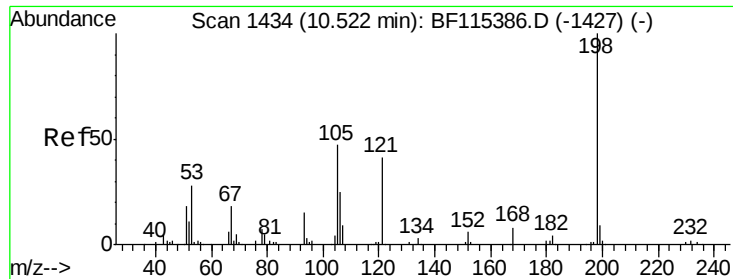
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion: 188 Resp: 599987
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.1 13.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

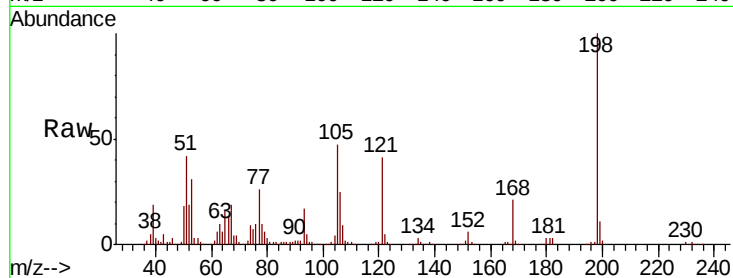




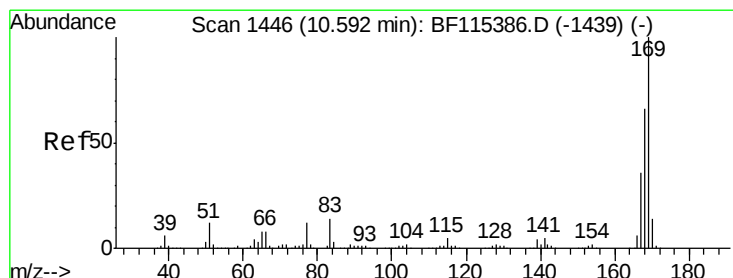
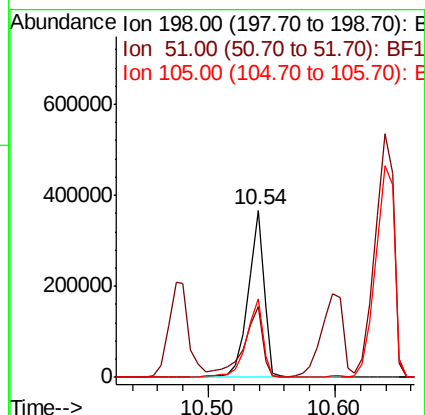
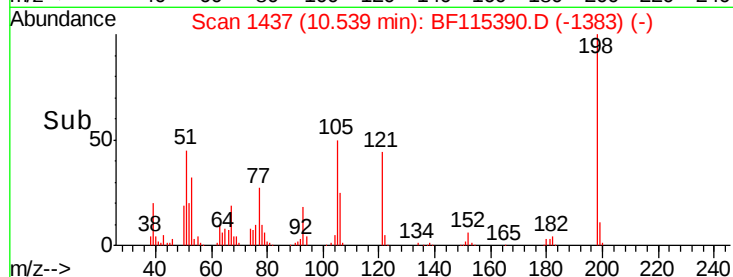
#65
 4,6-Dinitro-2-methylphenol
 Concen: 106.451 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 318073
 Ion Ratio Lower Upper
 198 100
 51 42.1 25.4 65.4
 105 46.9 27.9 67.9

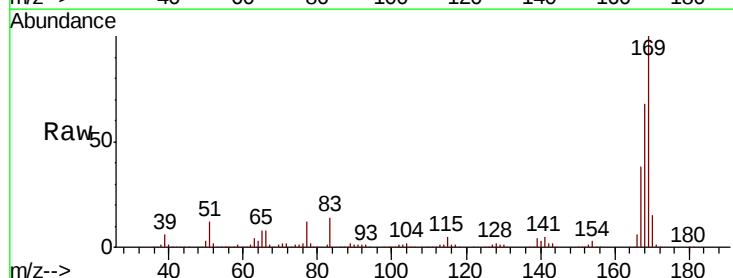


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

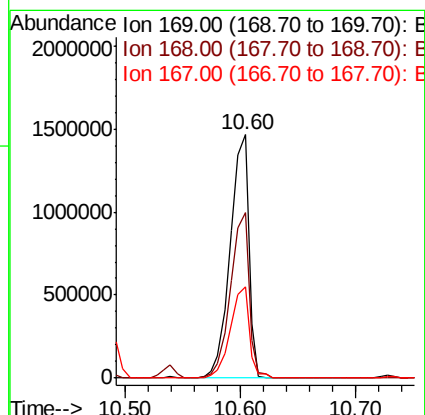
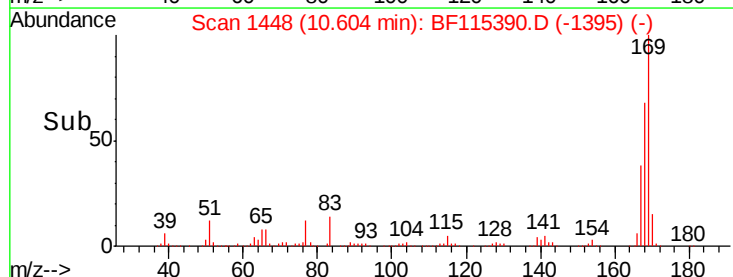


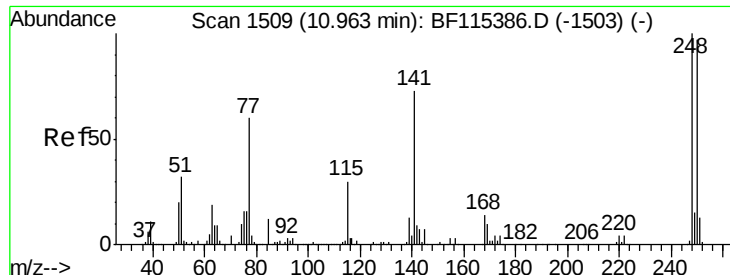
#66
 n-Nitrosodiphenylamine
 Concen: 87.710 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:169 Resp: 1639516
 Ion Ratio Lower Upper
 169 100
 168 68.0 52.6 79.0
 167 37.5 29.2 43.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

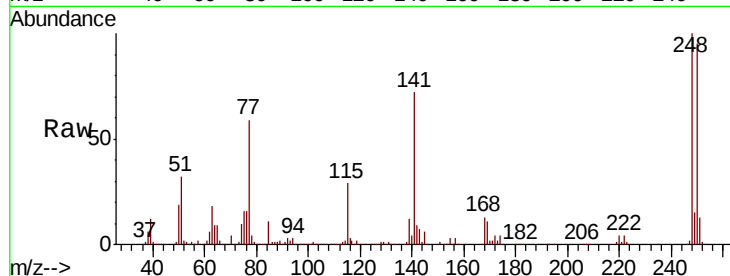




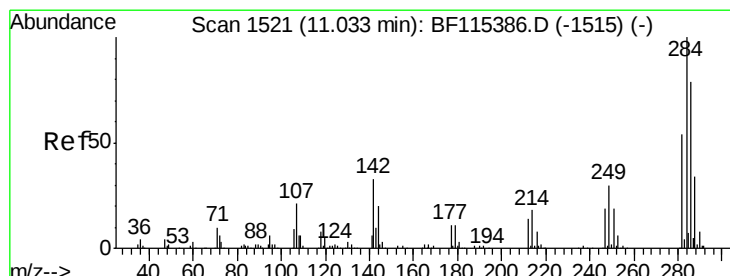
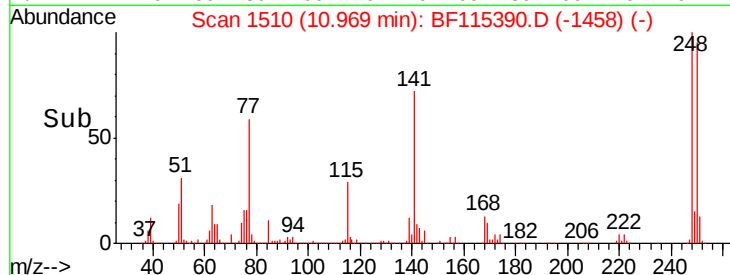
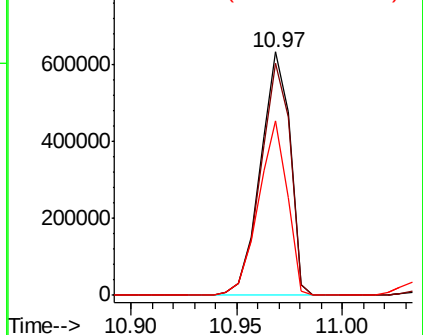
#67
4-Bromophenyl-phenylether
Concen: 94.438 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 614327
Ion Ratio Lower Upper
248 100
250 95.2 77.3 115.9
141 71.9 58.5 87.7

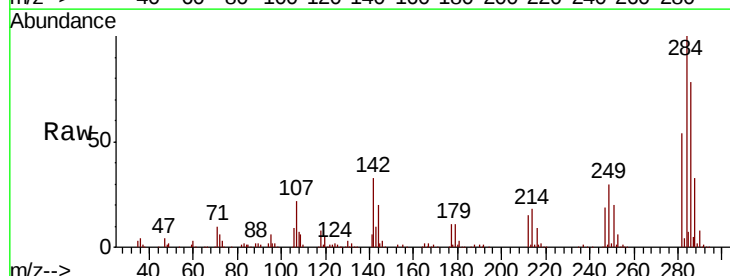


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

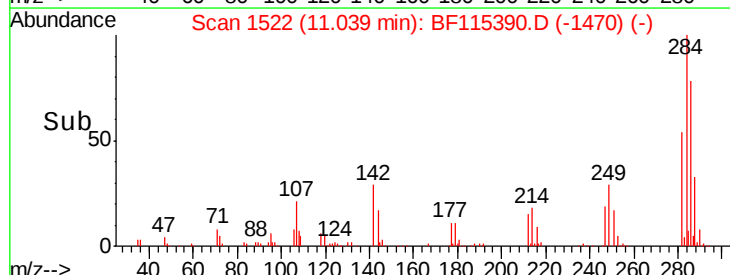
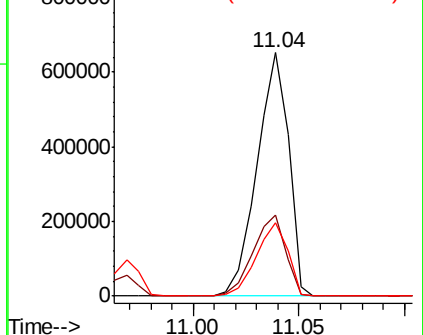


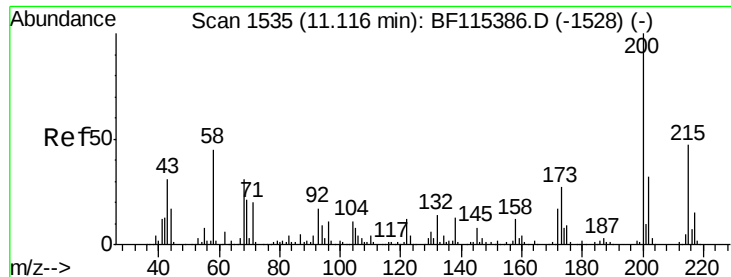
#68
Hexachlorobenzene
Concen: 96.046 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:284 Resp: 678166
Ion Ratio Lower Upper
284 100
142 33.2 26.5 39.7
249 30.3 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

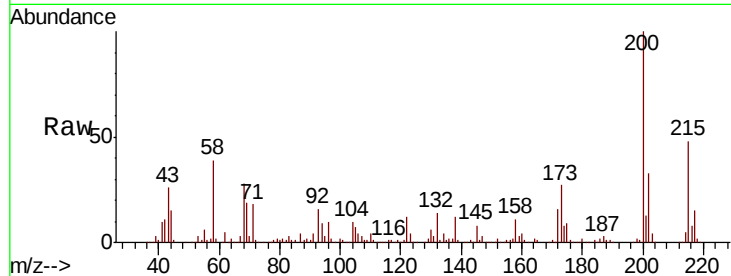




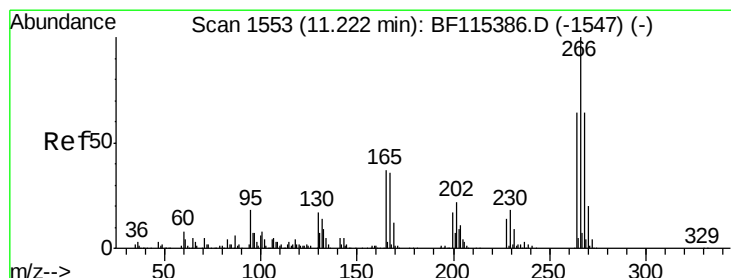
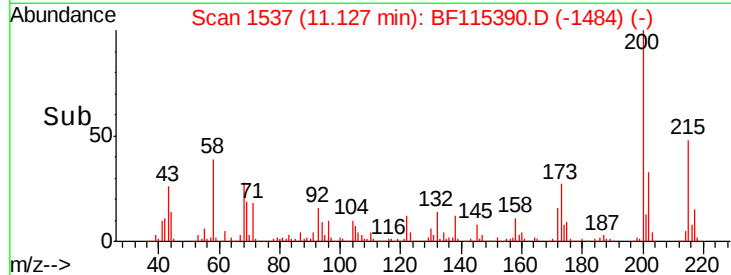
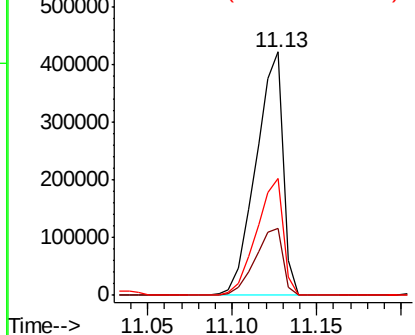
#69
Atrazine
Concen: 78.114 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 469701
Ion Ratio Lower Upper
200 100
173 27.5 7.1 47.1
215 48.2 27.5 67.5

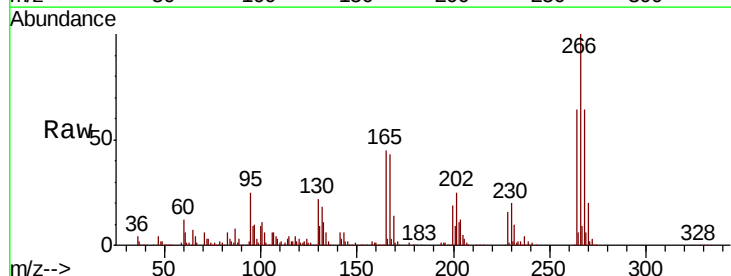


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

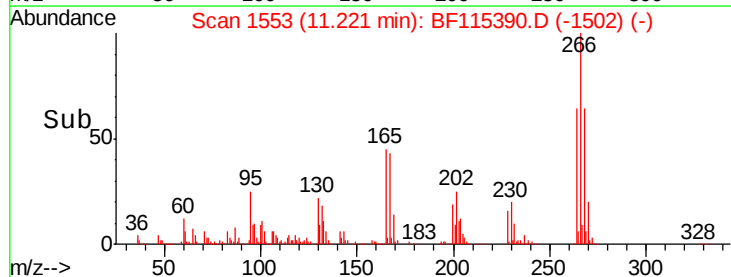
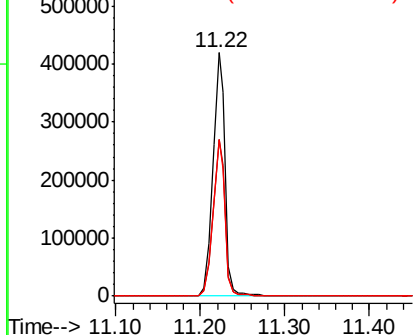


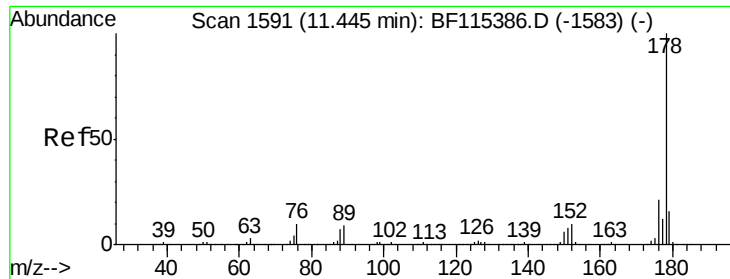
#70
Pentachlorophenol
Concen: 96.726 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:266 Resp: 435099
Ion Ratio Lower Upper
266 100
268 64.5 51.3 76.9
264 64.1 51.6 77.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

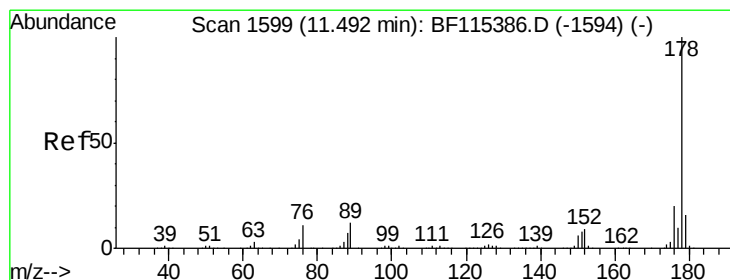
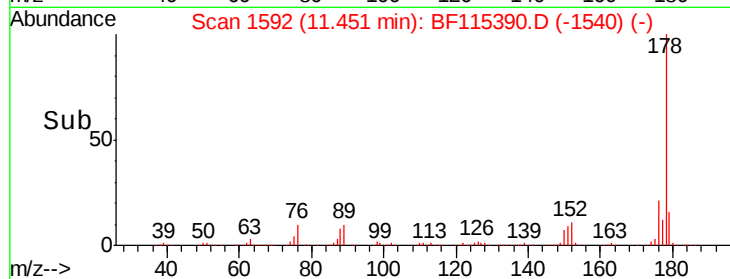
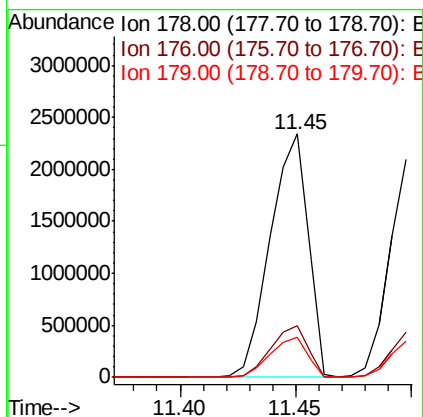
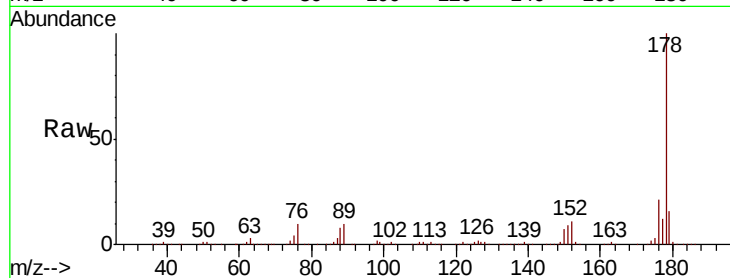




#71
Phenanthrene
Concen: 82.670 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

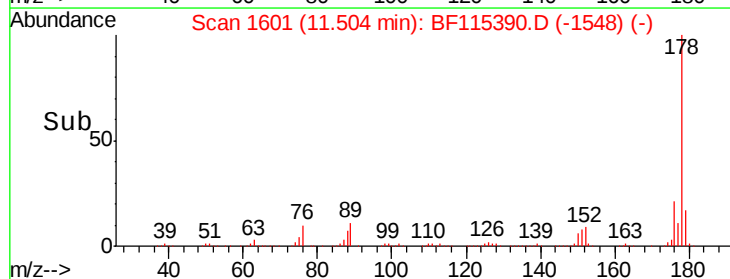
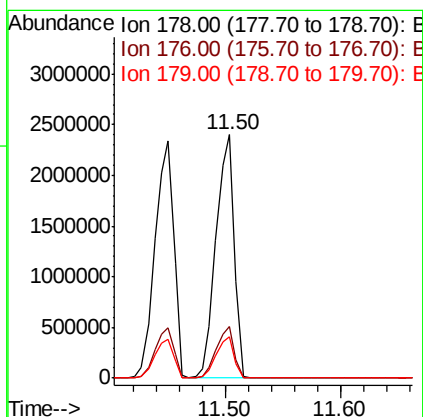
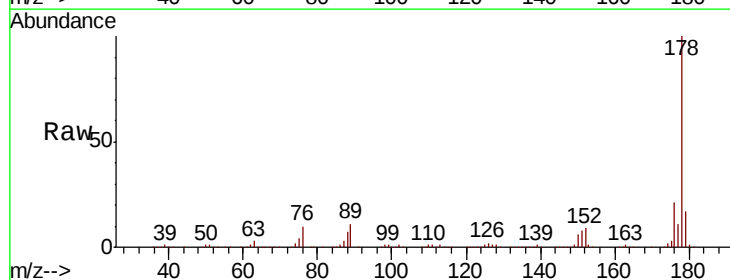
Instrument :
BNA_F
ClientSampleId :

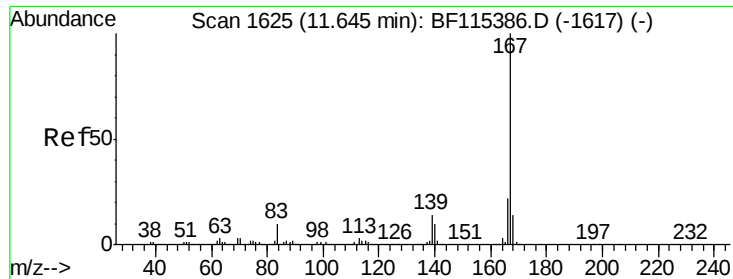
Tot Ion:178 Resp: 2670580
Ion Ratio Lower Upper
178 100
176 21.4 16.6 25.0
179 16.5 13.0 19.6



#72
Anthracene
Concen: 80.715 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:178 Resp: 2632021
Ion Ratio Lower Upper
178 100
176 21.2 16.0 24.0
179 16.9 13.1 19.7

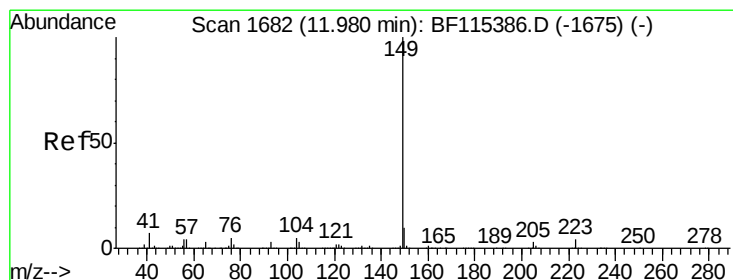
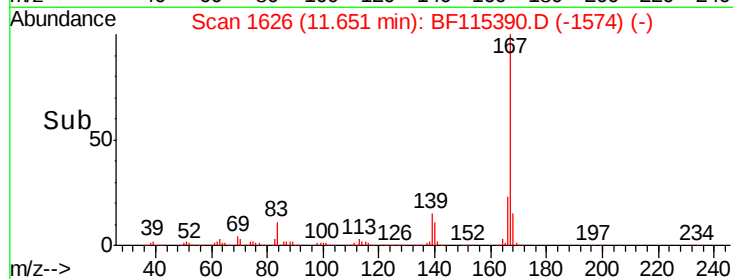
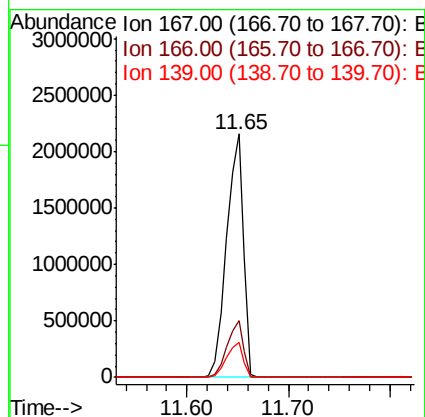
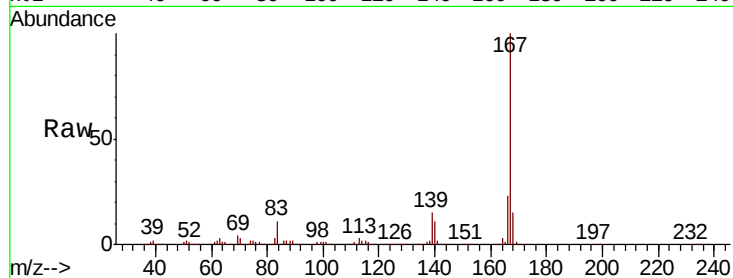




#73
 Carbazole
 Concen: 85.392 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

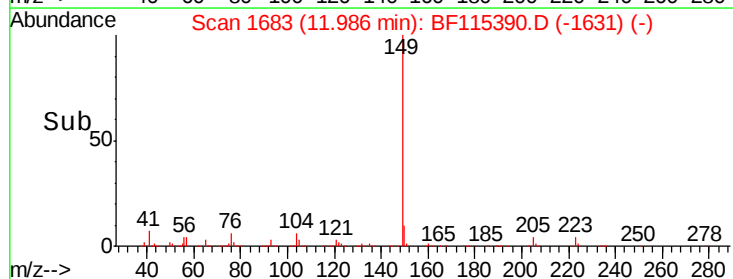
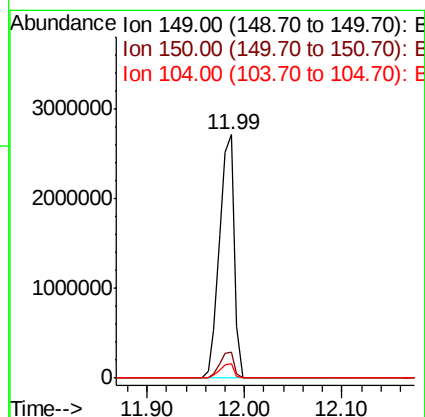
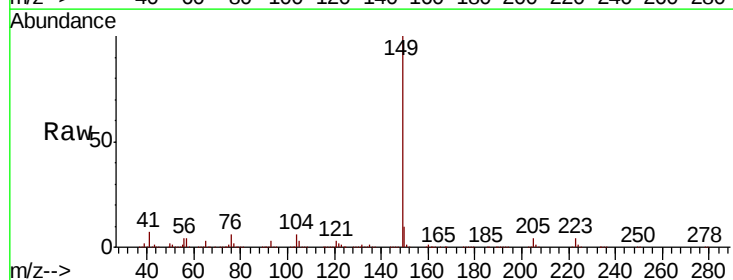
Instrument :
 BNA_F
 ClientSampleId :

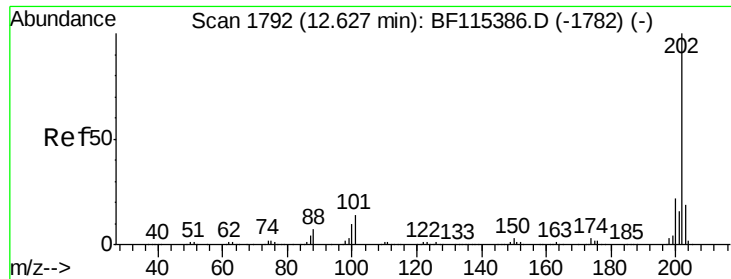
Tot Ion:167 Resp: 2486476
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 14.6 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 84.409 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF115390.D
 Acq: 5 Jul 2019 11:36

Tgt Ion:149 Resp: 2840199
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.0 12.0
 104 5.9 4.4 6.6

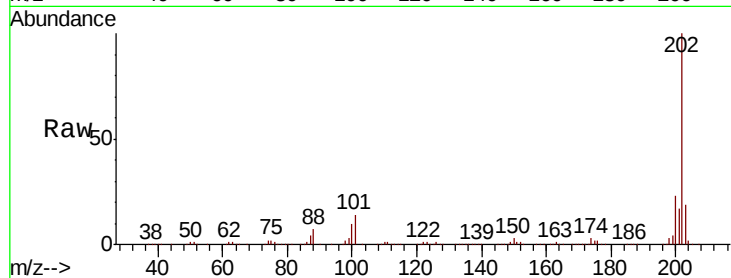




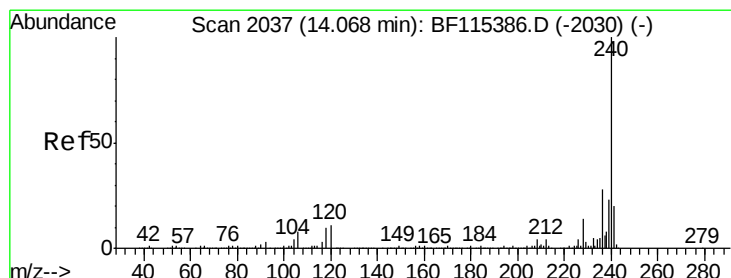
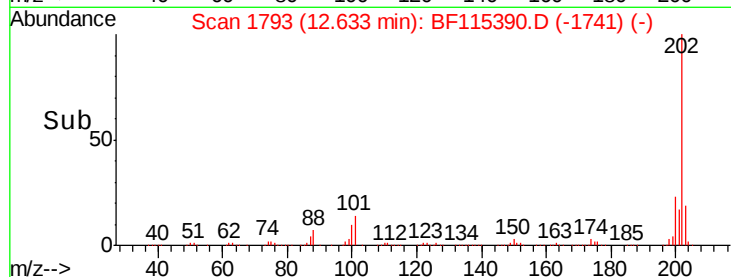
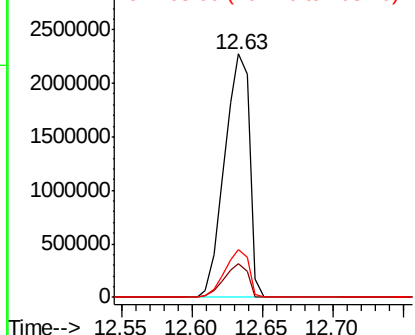
#75
Fluoranthene
Concen: 86.435 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2785894
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.0
203 19.5 0.0 38.5

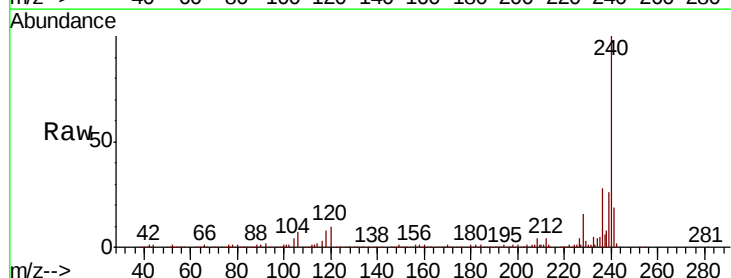


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

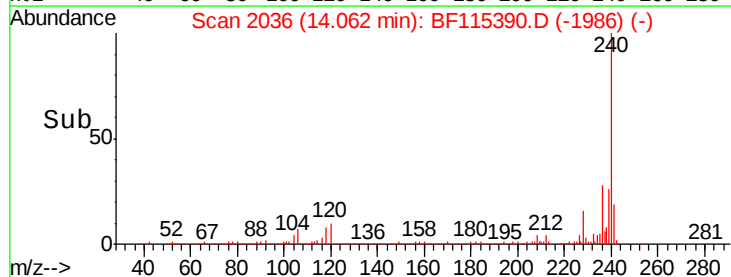
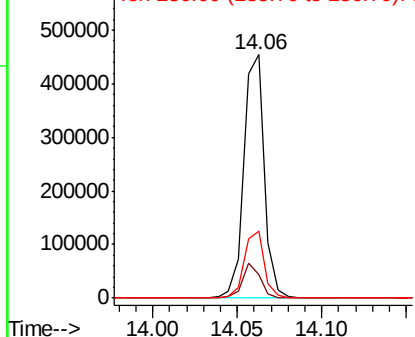


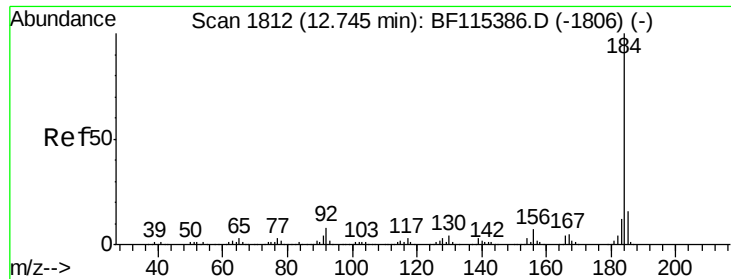
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:240 Resp: 384739
Ion Ratio Lower Upper
240 100
120 9.7 9.1 13.7
236 27.7 22.5 33.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.104 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

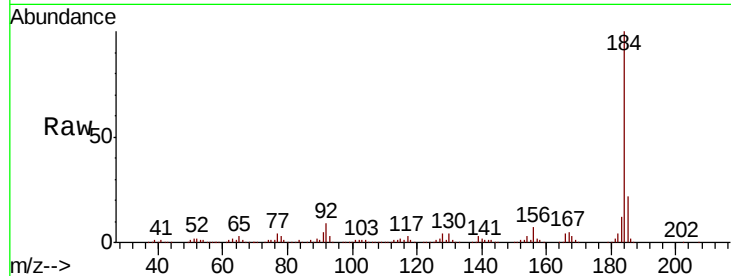
Tot Ion:184 Resp: 975557

Ion Ratio Lower Upper

184 100

185 22.2 12.6 18.8#

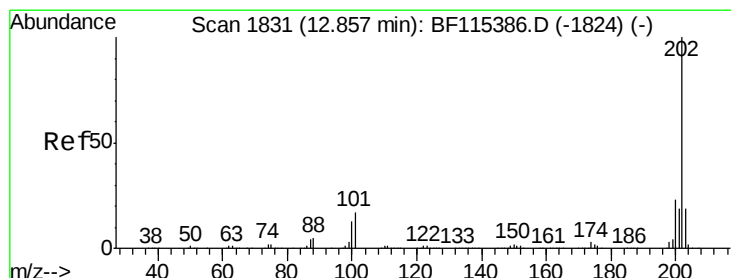
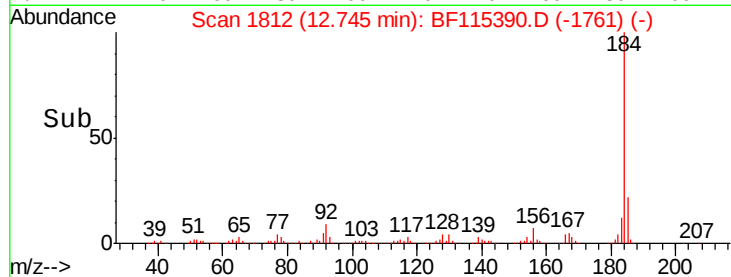
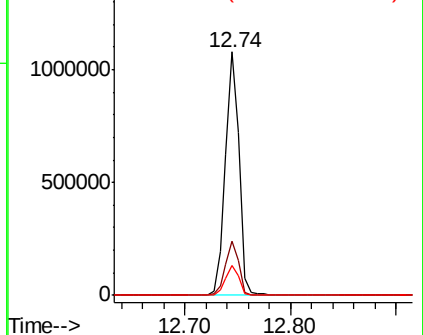
183 12.1 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 95.686 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

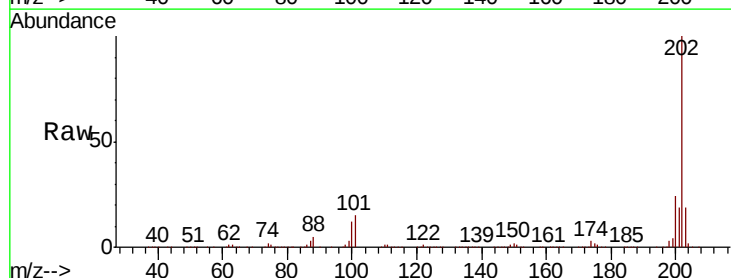
Tgt Ion:202 Resp: 2829187

Ion Ratio Lower Upper

202 100

200 23.8 18.2 27.4

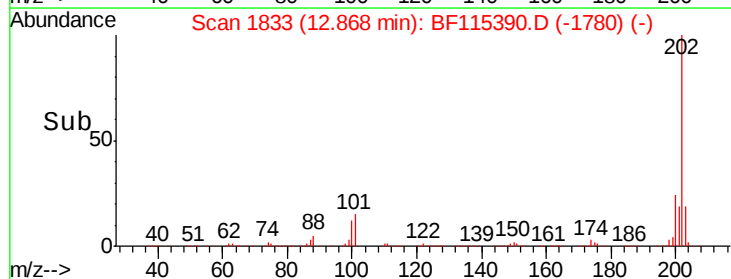
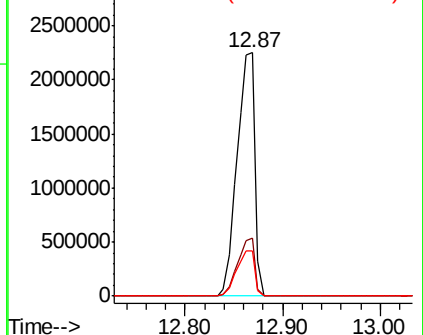
203 18.8 14.8 22.2

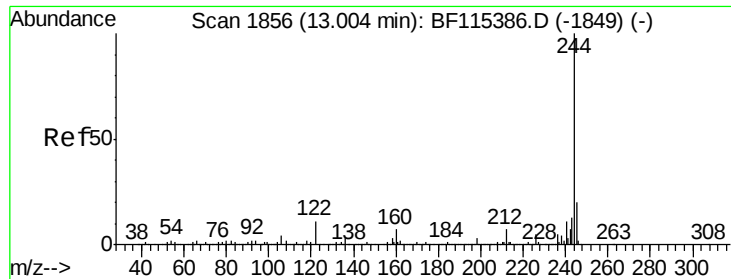


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 185.039 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

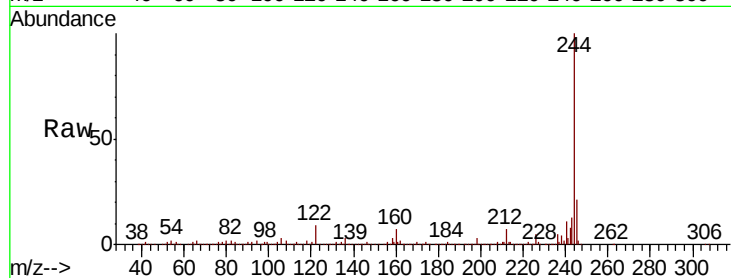
Tot Ion:244 Resp: 3348370

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

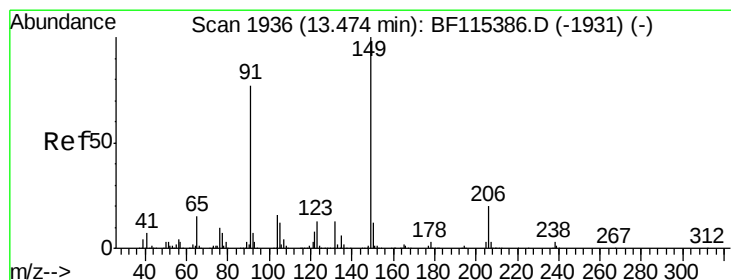
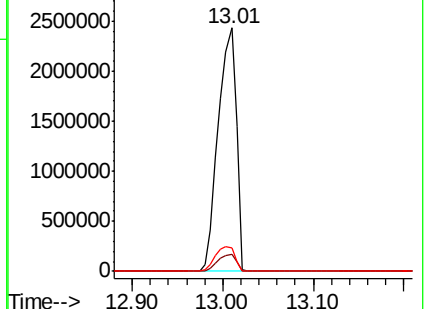
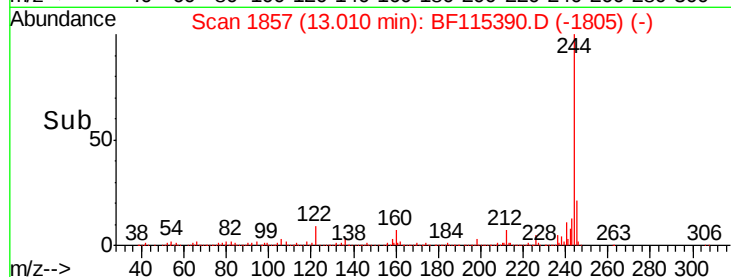
122 9.4 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 99.368 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

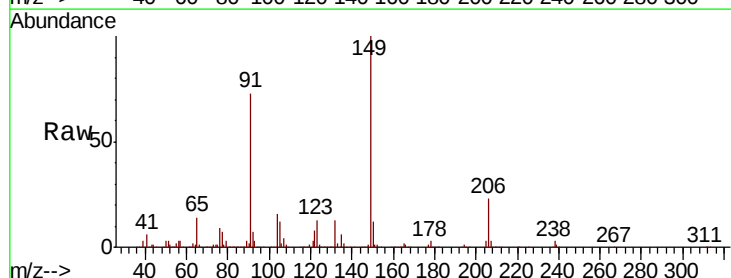
Tgt Ion:149 Resp: 1296599

Ion Ratio Lower Upper

149 100

91 73.0 61.4 92.0

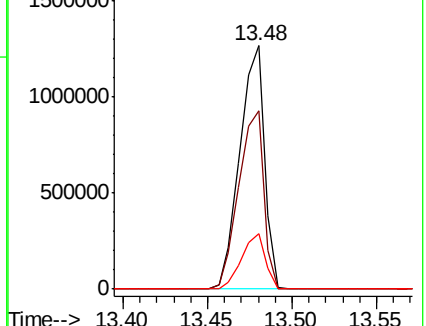
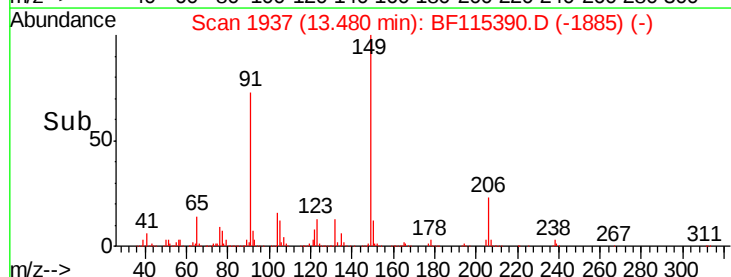
206 22.5 16.1 24.1

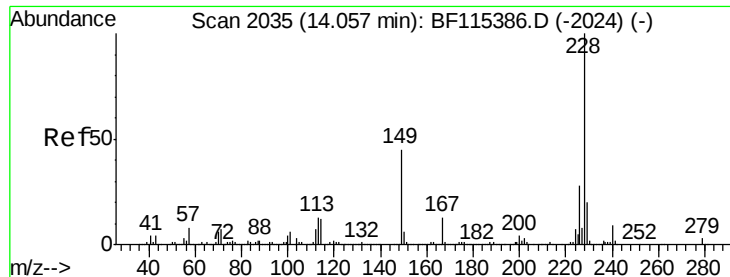


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 78.231 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampled :

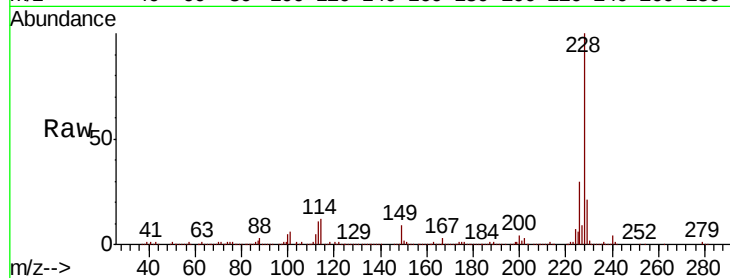
Tot Ion:228 Resp: 2159666

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	20.9	16.3	24.5

228 100

226 29.8 22.7 34.1

229 20.9 16.3 24.5

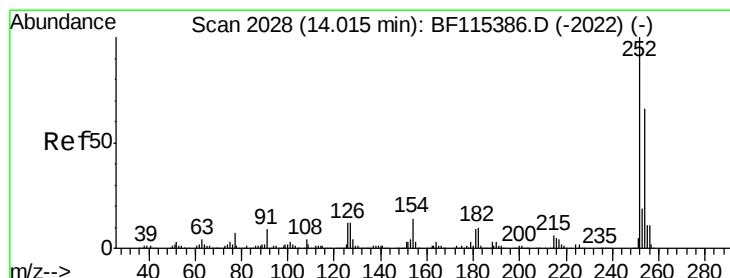
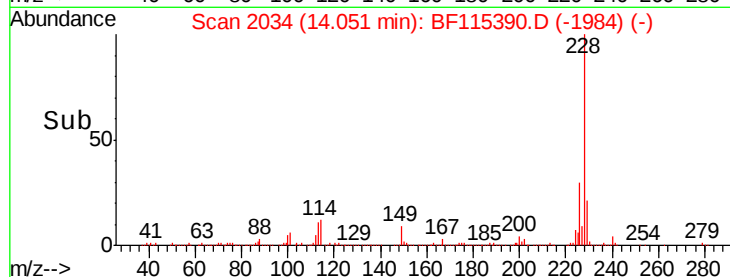
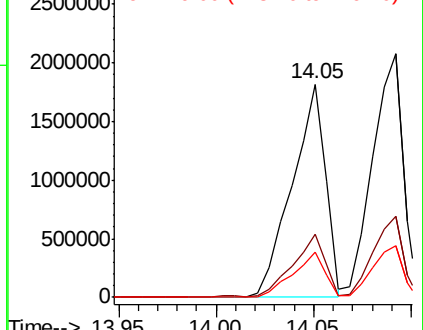


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 74.579 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

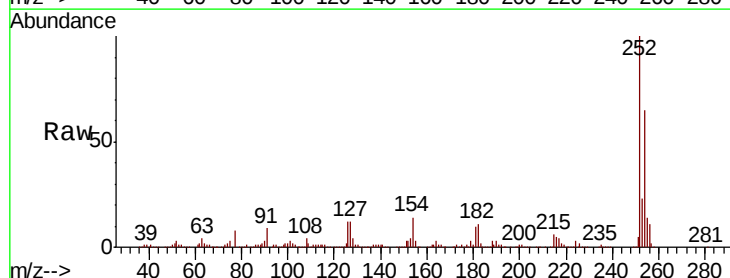
Tgt Ion:252 Resp: 743485

Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.4
126	12.3	9.8	14.8

252 100

254 64.7 53.0 79.4

126 12.3 9.8 14.8

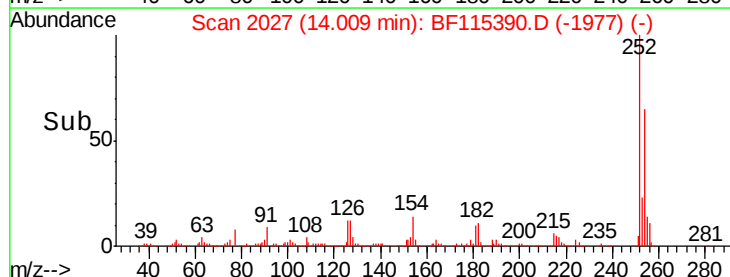
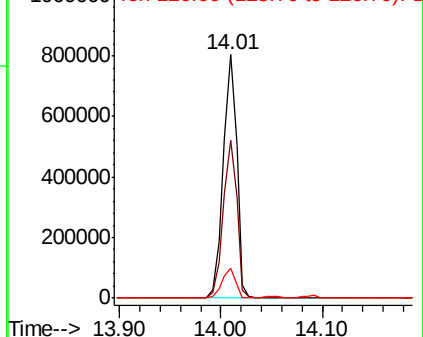


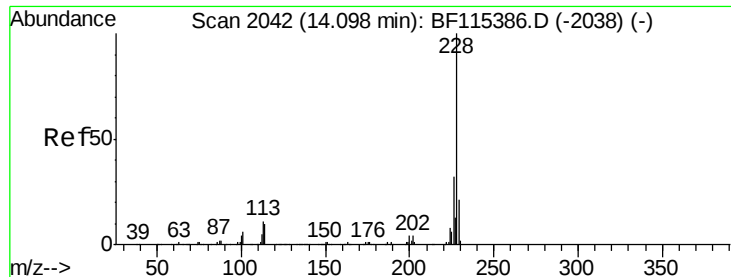
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

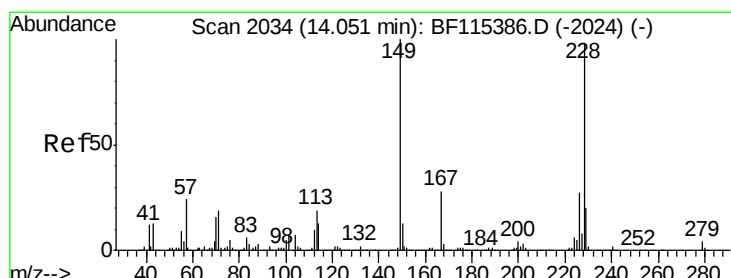
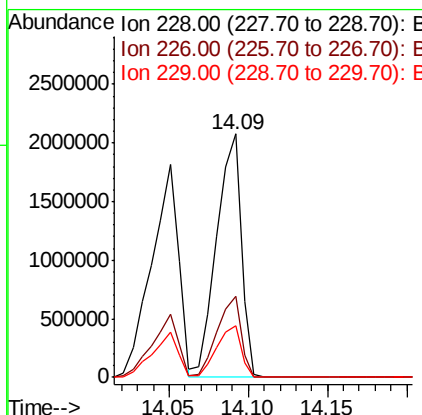
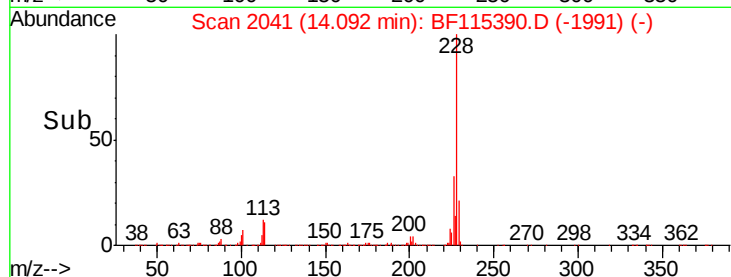
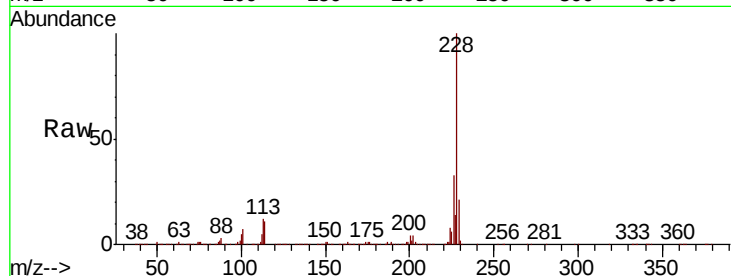




#83
Chrysene
Concen: 89.205 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

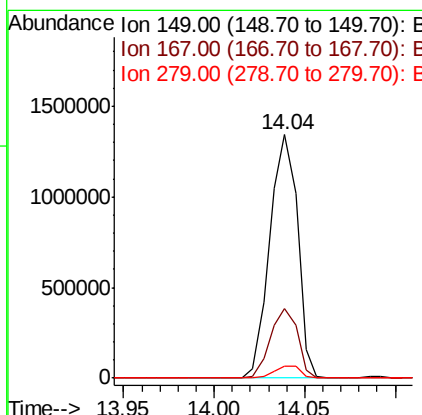
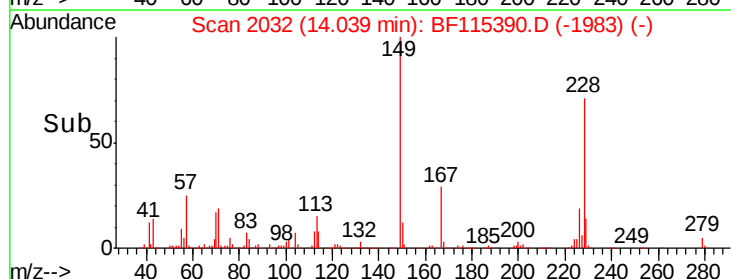
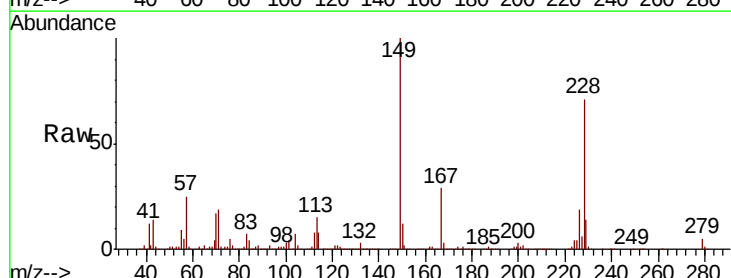
Instrument :
BNA_F
ClientSampleID :

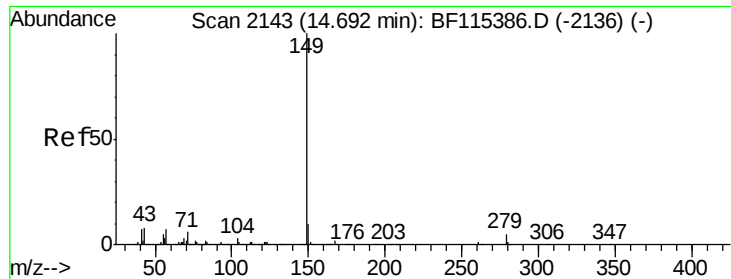
Tot Ion:228 Resp: 2255806
Ion Ratio Lower Upper
228 100
226 33.5 25.7 38.5
229 21.2 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 83.848 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:149 Resp: 1433595
Ion Ratio Lower Upper
149 100
167 28.6 22.3 33.5
279 4.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 90.335 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.04 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

Instrument :

BNA_F

ClientSampleId :

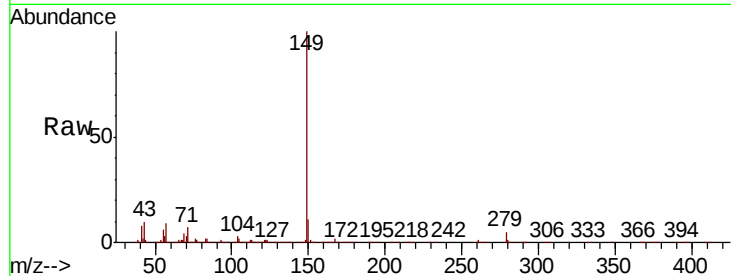
Tot Ion:149 Resp: 2595030

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

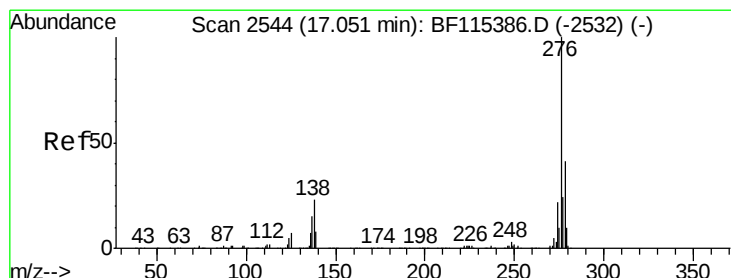
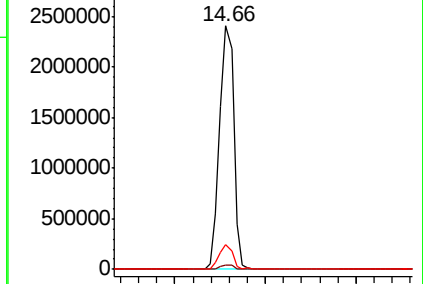
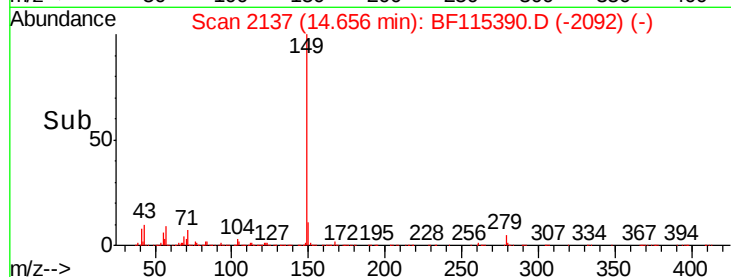
43 9.9 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.193 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BF115390.D

Acq: 5 Jul 2019 11:36

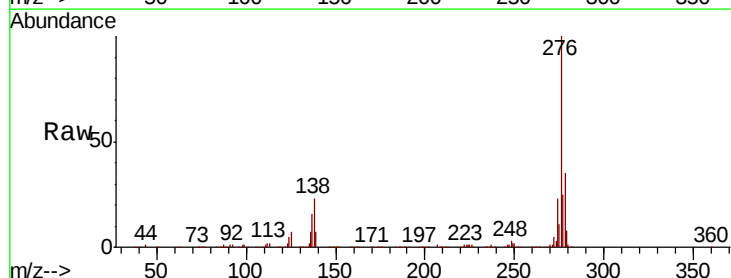
Tgt Ion:276 Resp: 1920863

Ion Ratio Lower Upper

276 100

138 25.9 0.0 0.0#

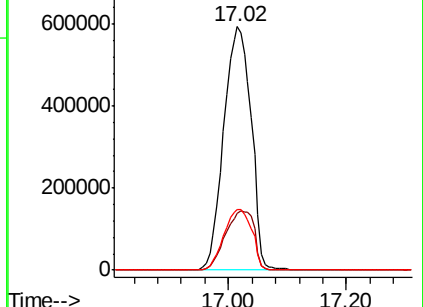
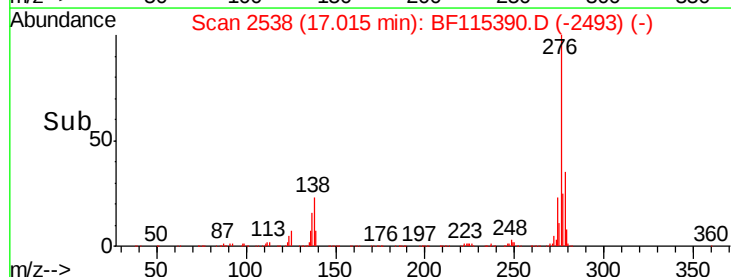
277 25.6 0.0 0.0#

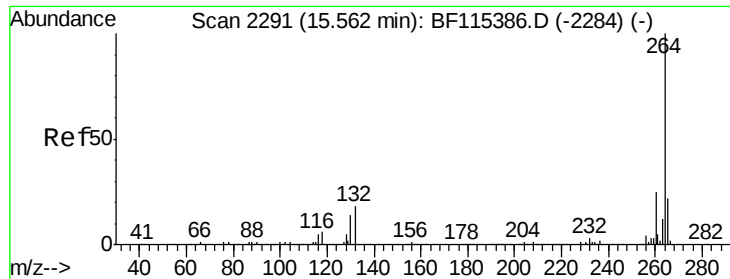


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



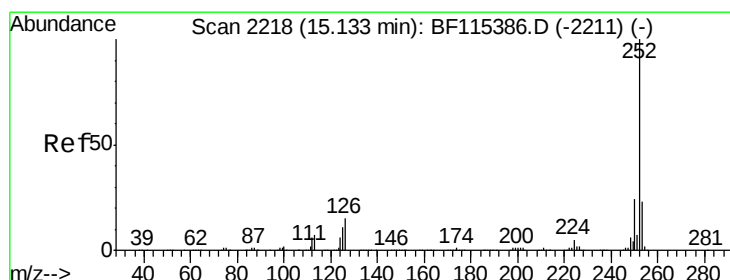
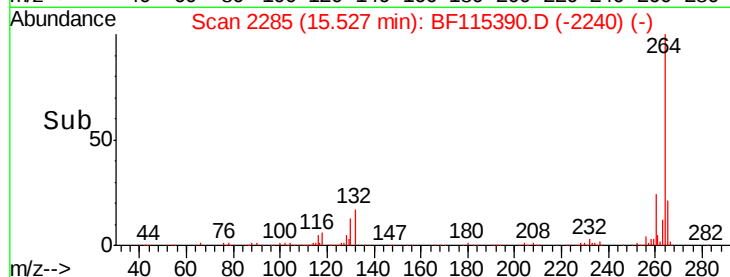
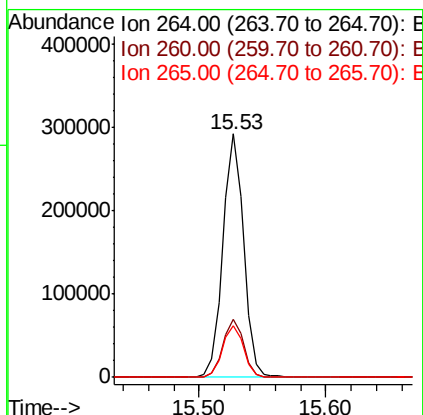
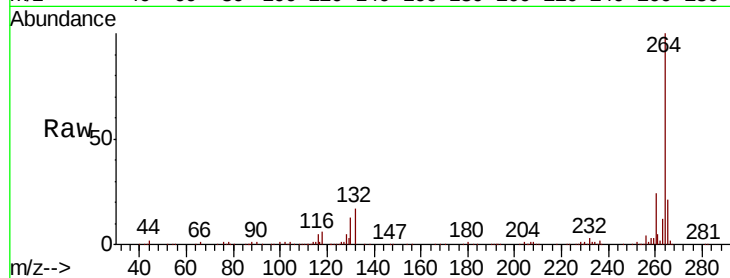


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 332216

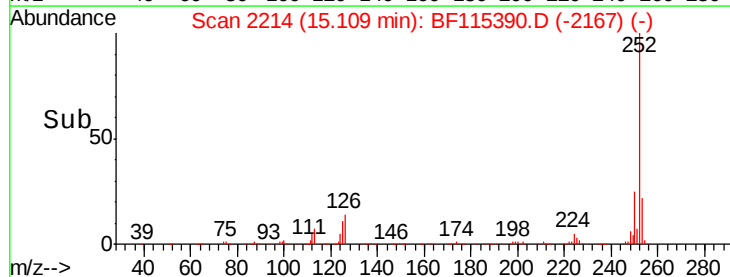
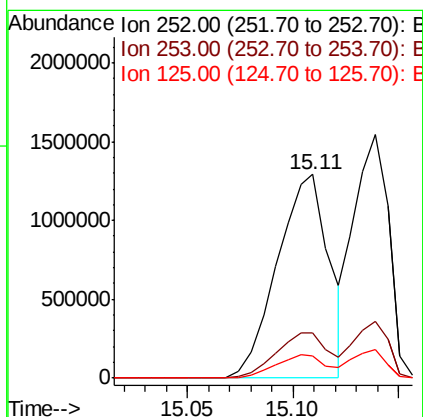
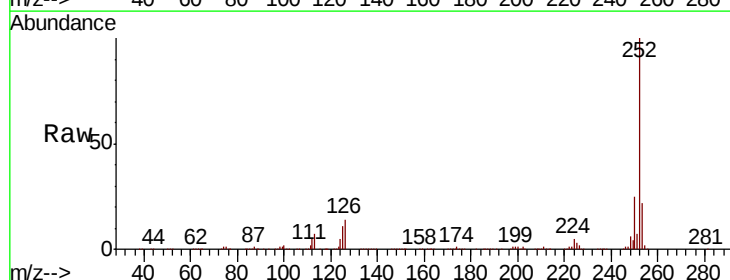
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.9	29.9
265	21.3	17.4	26.2

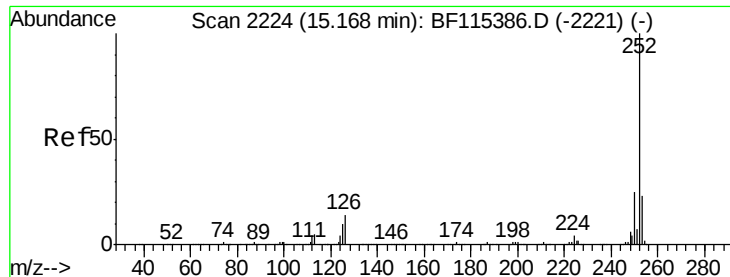


#88
Benzo(b)fluoranthene
Concen: 106.320 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:252 Resp: 2203947

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.8	9.0	13.6

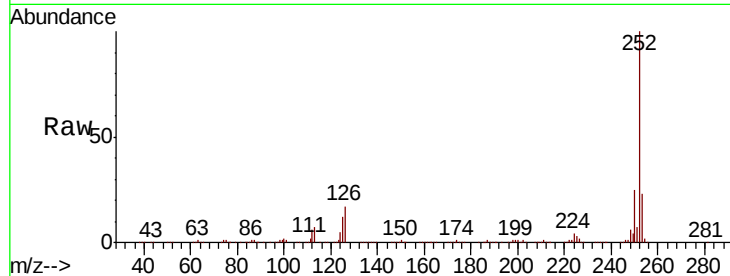




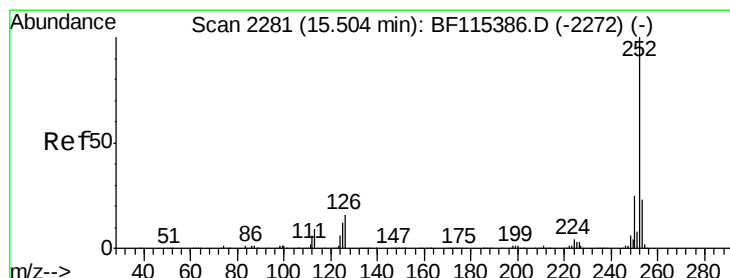
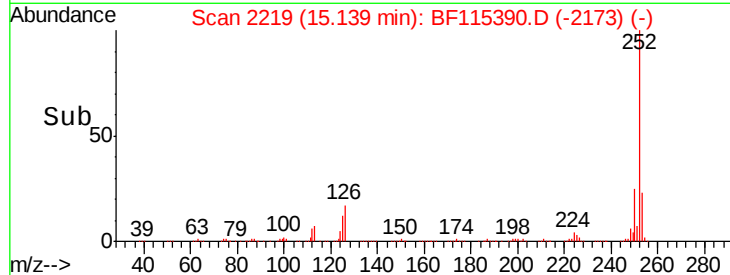
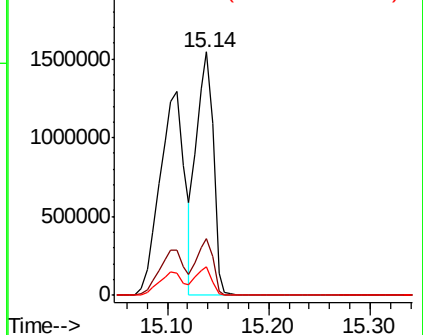
#89
Benzo(k)fluoranthene
Concen: 95.648 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1778065
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 11.7 8.3 12.5

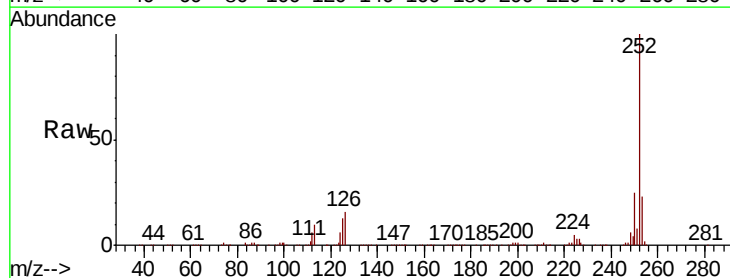


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

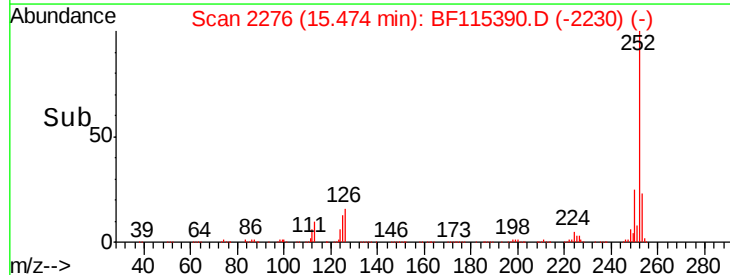
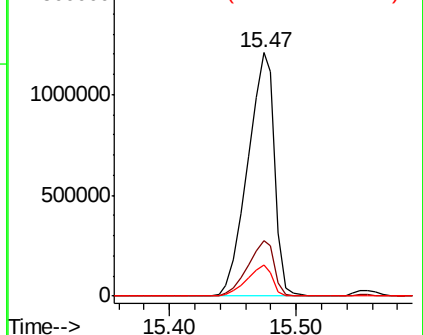


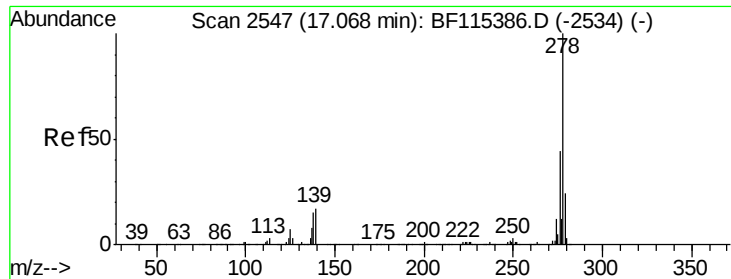
#90
Benzo(a)pyrene
Concen: 95.417 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:252 Resp: 1782728
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.8 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



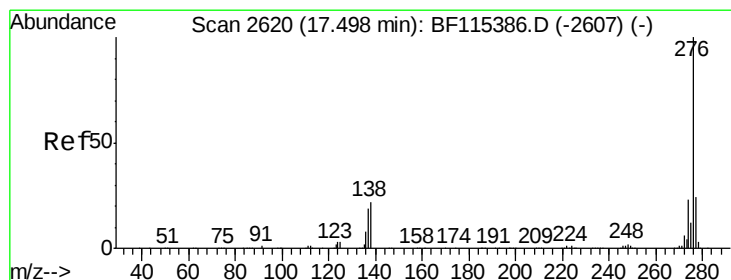
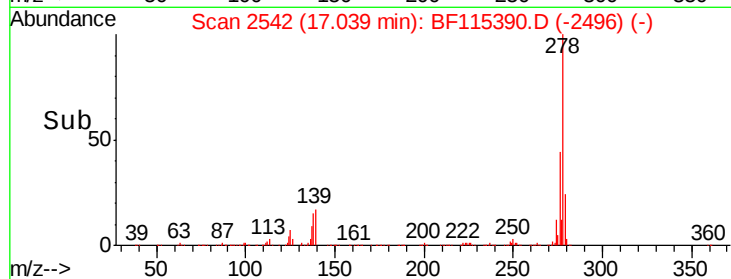
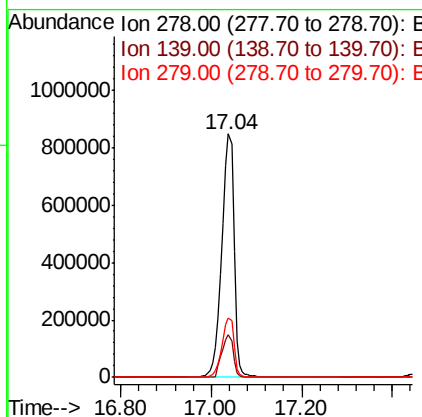
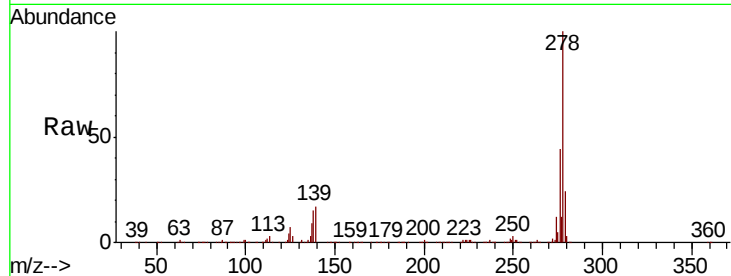


#91
Dibenzo(a,h)anthracene
Concen: 89.207 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1555977

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.4	20.2
279	24.5	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 89.392 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.03 min
Lab File: BF115390.D
Acq: 5 Jul 2019 11:36

Tgt Ion:276 Resp: 1578105

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	23.0	17.8	26.6

