

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115459.D
 Acq On : 10 Jul 2019 17:03
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 17:34:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177140	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	729001	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	364460	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	702511	20.00	ng	0.00
76) Chrysene-d12	14.06	240	475807	20.00	ng	0.00
87) Perylene-d12	15.54	264	459061	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	868348	75.74	ng	0.00
7) Phenol-d6	6.52	99	1098123	75.31	ng	0.00
23) Nitrobenzene-d5	7.46	82	986000	79.91	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334785	83.08	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1668483	80.33	ng	0.00
79) Terphenyl-d14	13.00	244	1910638	82.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	210717	37.470	ng	99
3) Pyridine	3.45	79	577178	37.117	ng	100
4) n-Nitrosodimethylamine	3.40	42	206868	32.806	ng	97
6) Aniline	6.56	93	765579	37.206	ng	100
8) 2-Chlorophenol	6.68	128	493529	38.122	ng	98
9) Benzaldehyde	6.44	77	348121	41.709	ng	96
10) Phenol	6.53	94	650605	37.292	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	480145	37.099	ng	98
12) 1,3-Dichlorobenzene	6.84	146	543407	38.313	ng	99
13) 1,4-Dichlorobenzene	6.92	146	546716	38.482	ng	98
14) 1,2-Dichlorobenzene	7.07	146	510285	38.795	ng	99
15) Benzyl Alcohol	7.03	79	436818	37.333	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	642041	35.479	ng	99
17) 2-Methylphenol	7.15	107	418945	37.774	ng	99
18) Hexachloroethane	7.41	117	201297	38.035	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	346812	35.156	ng	97
20) 3+4-Methylphenols	7.30	107	492737	37.611	ng	94
22) Acetophenone	7.30	105	649154	37.162	ng	# 97
24) Nitrobenzene	7.47	77	543302	38.990	ng	96
25) Isophorone	7.72	82	970751	36.298	ng	99
26) 2-Nitrophenol	7.79	139	271414	47.377	ng	98
27) 2,4-Dimethylphenol	7.83	122	385036	35.247	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	609310	36.947	ng	99
29) 2,4-Dichlorophenol	8.03	162	430157	39.535	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	470255	38.823	ng	100
31) Naphthalene	8.20	128	1390404	38.399	ng	99
32) Benzoic acid	7.94	122	218757	30.071	ng	99
33) 4-Chloroaniline	8.25	127	621835	38.490	ng	99
34) Hexachlorobutadiene	8.32	225	275898	40.165	ng	98
35) Caprolactam	8.62	113	135519	38.243	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	448715	38.989	ng	95
37) 2-Methylnaphthalene	8.89	142	923149	38.142	ng	100
38) 1-Methylnaphthalene	8.99	142	885059	38.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	419983	40.056	ng	99

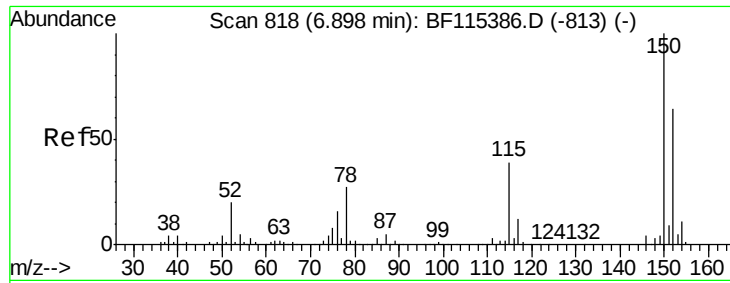
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	233460	38.417	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	307928	40.340	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	313935	39.662	ng	96
46) 1,1'-Biphenyl	9.36	154	1120005	39.090	ng	99
47) 2-Chloronaphthalene	9.38	162	932402	39.374	ng	99
48) 2-Nitroaniline	9.47	65	295408	42.460	ng	92
49) Acenaphthylene	9.80	152	1394918	38.907	ng	99
50) Dimethylphthalate	9.66	163	1065652	38.956	ng	99
51) 2,6-Dinitrotoluene	9.71	165	249669	42.083	ng	95
52) Acenaphthene	9.97	154	889089	39.403	ng	100
53) 3-Nitroaniline	9.88	138	291953	42.370	ng	95
54) 2,4-Dinitrophenol	9.99	184	112824	48.419	ng	90
55) Dibenzofuran	10.14	168	1241988	39.074	ng	100
56) 4-Nitrophenol	10.03	139	225007	42.206	ng	95
57) 2,4-Dinitrotoluene	10.12	165	330516	43.837	ng	95
58) Fluorene	10.49	166	906052	36.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	272331	39.828	ng	99
60) Diethylphthalate	10.36	149	1023414	38.009	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	471140	38.525	ng	98
62) 4-Nitroaniline	10.50	138	282736	41.802	ng	98
63) Azobenzene	10.63	77	1020556	36.770	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	160149	47.675	ng	91
66) n-Nitrosodiphenylamine	10.59	169	861141	38.904	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	312093	39.592	ng	95
68) Hexachlorobenzene	11.03	284	355275	40.165	ng	94
69) Atrazine	11.12	200	276568	40.373	ng	99
70) Pentachlorophenol	11.22	266	222084	41.198	ng	99
71) Phenanthrene	11.45	178	1423004	38.515	ng	99
72) Anthracene	11.50	178	1448443	39.095	ng	100
73) Carbazole	11.65	167	1320488	38.959	ng	100
74) Di-n-butylphthalate	11.98	149	1562059	38.133	ng	99
75) Fluoranthene	12.63	202	1506741	38.732	ng	98
77) Benzidine	12.74	184	694817	37.447	ng	99
78) Pyrene	12.86	202	1522853	41.157	ng	99
80) Butylbenzylphthalate	13.48	149	644337	39.856	ng	96
81) Benzo(a)anthracene	14.05	228	1220006	40.018	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	455933	41.215	ng	99
83) Chrysene	14.09	228	1242383	39.662	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	787919	39.355	ng	100
85) Di-n-octyl phthalate	14.66	149	1313596	36.856	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1125051	43.680	ng	100
88) Benzo(b)fluoranthene	15.11	252	1111191	37.177	ng	100
89) Benzo(k)fluoranthene	15.14	252	1073234	40.375	ng	100
90) Benzo(a)pyrene	15.48	252	998789	38.744	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	921803	41.845	ng	100
92) Benzo(g,h,i)perylene	17.48	276	906506	43.476	ng	100

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

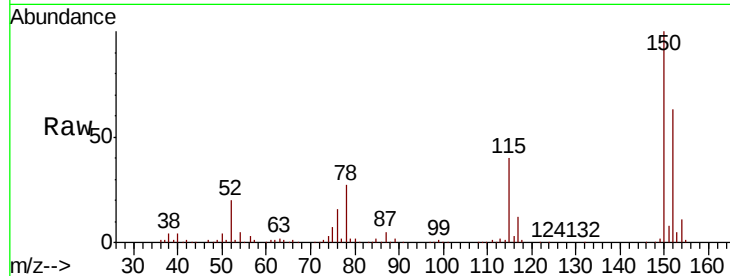


#1

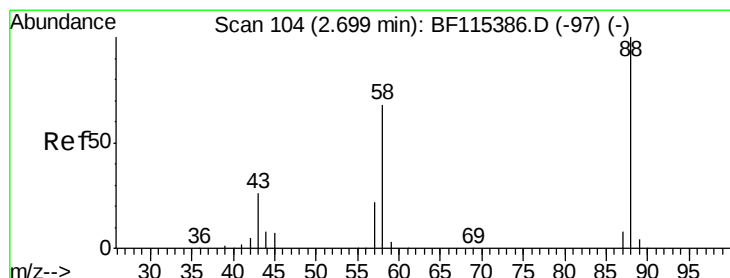
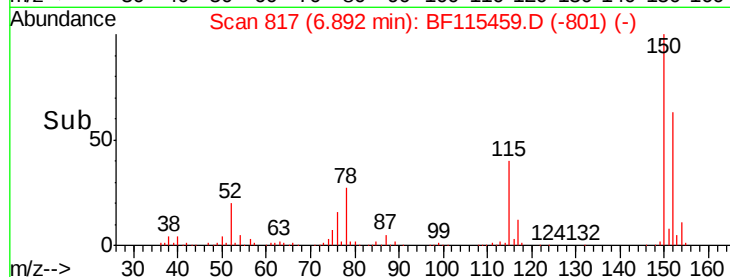
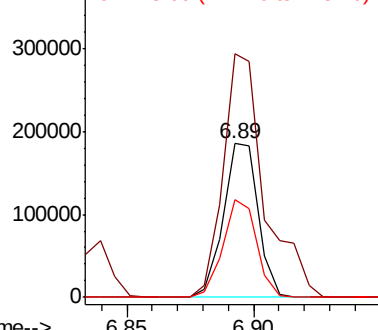
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177140
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.2
115 63.1 46.2 69.4



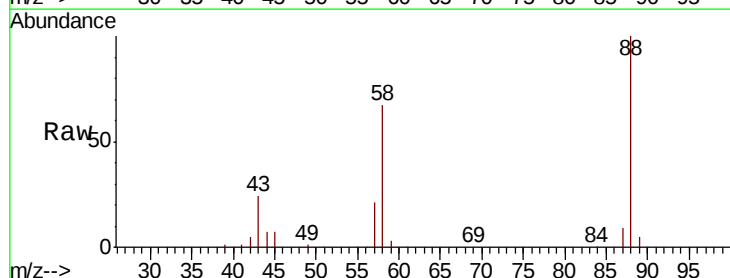
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



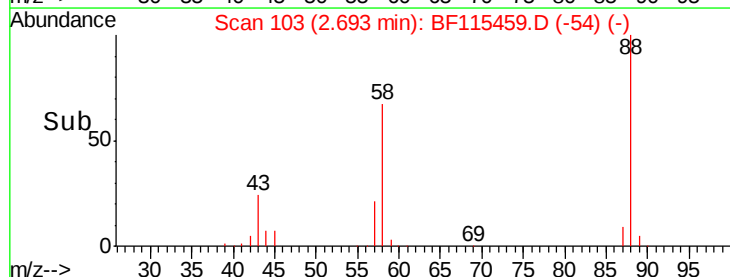
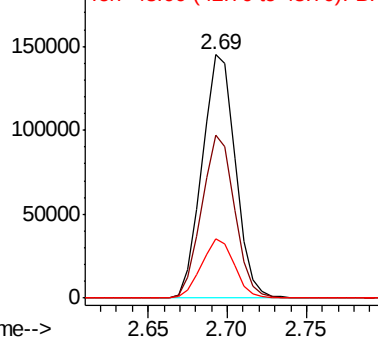
#2

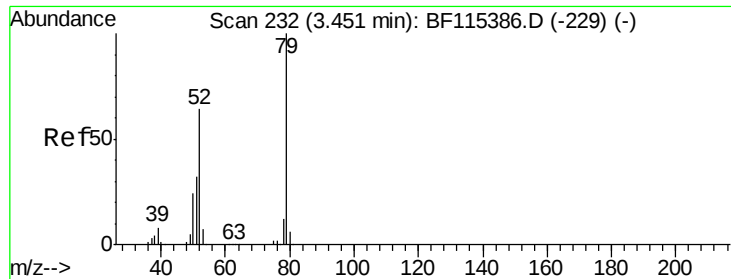
1,4-Dioxane
Concen: 37.470 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion: 88 Resp: 210717
Ion Ratio Lower Upper
88 100
58 66.1 52.5 78.7
43 24.2 19.0 28.6



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



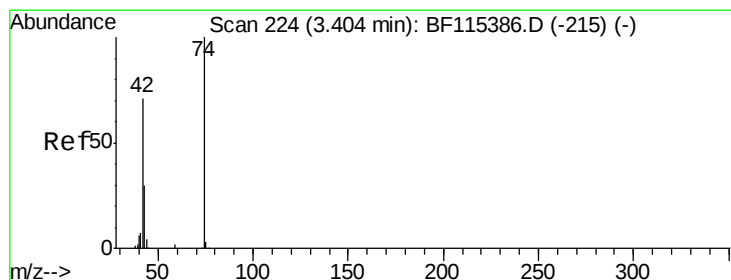
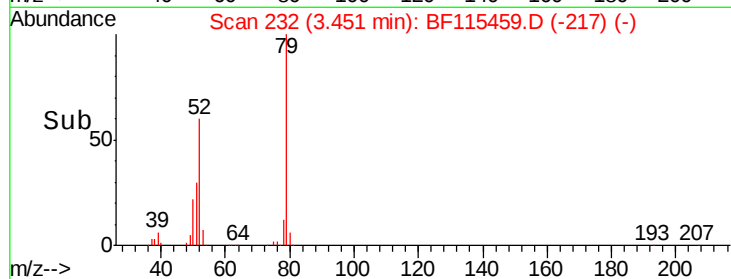
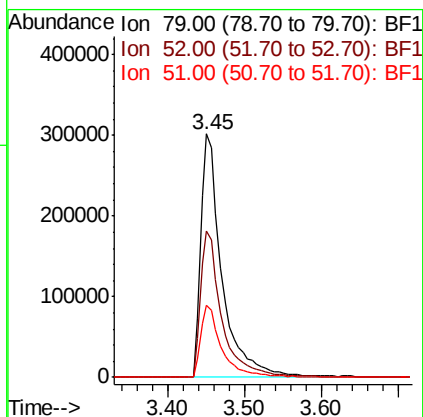
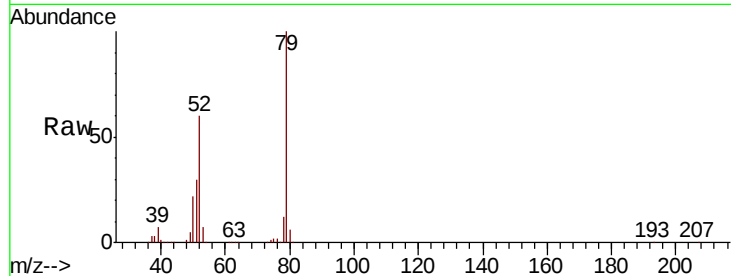


#3
 Pvridine
 Concen: 37.117 ng
 RT: 3.45 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 577178

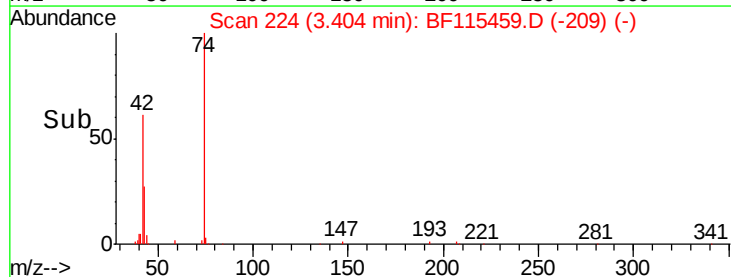
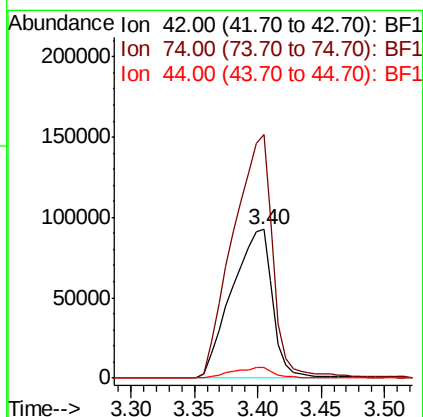
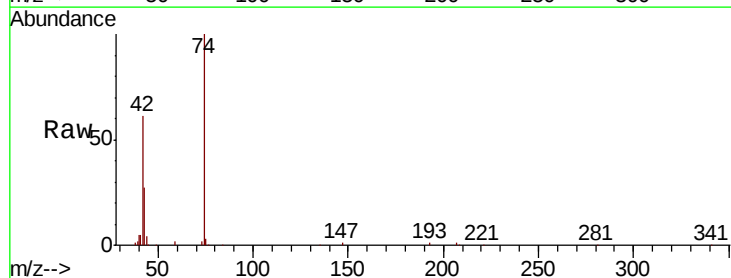
Ion	Ratio	Lower	Upper
79	100		
52	60.3	48.2	72.2
51	29.6	23.2	34.8

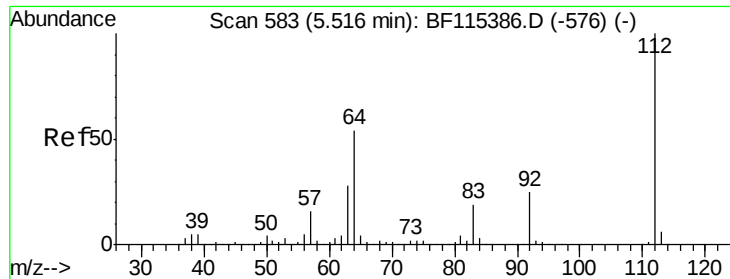


#4
 n-Nitrosodimethylamine
 Concen: 32.806 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion: 42 Resp: 206868

Ion	Ratio	Lower	Upper
42	100		
74	164.1	128.5	192.7
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 75.738 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

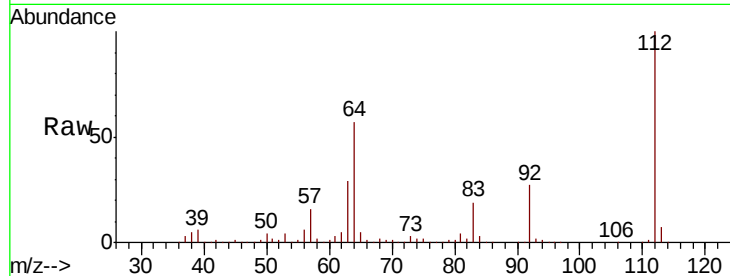
Tot Ion: 112 Resp: 868348

Ion Ratio Lower Upper

112 100

64 57.5 44.2 66.2

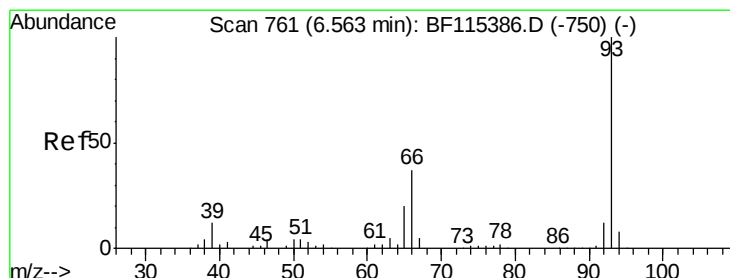
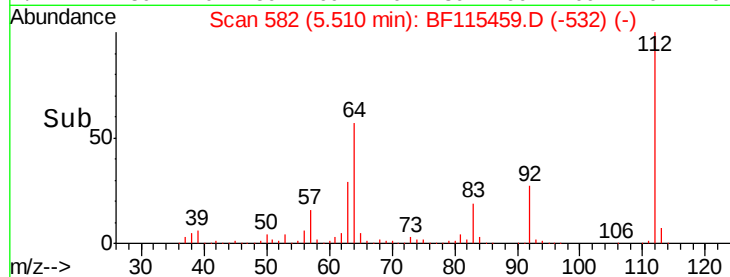
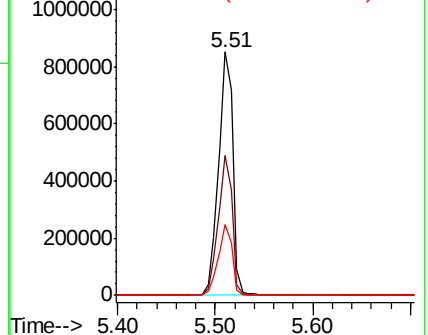
63 29.1 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.206 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

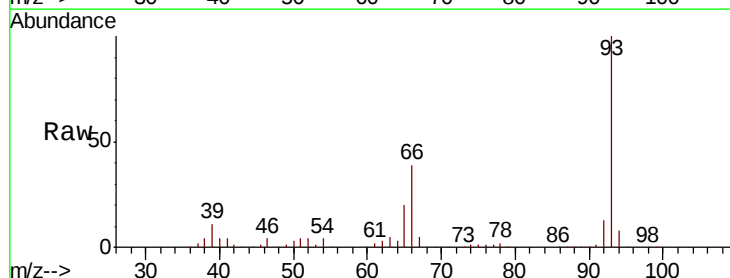
Tgt Ion: 93 Resp: 765579

Ion Ratio Lower Upper

93 100

66 39.0 31.3 46.9

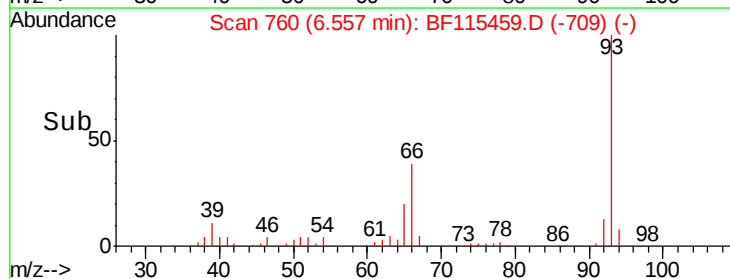
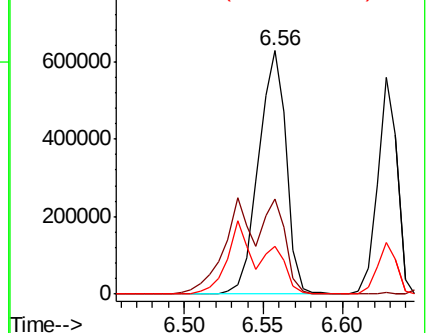
65 19.7 15.9 23.9

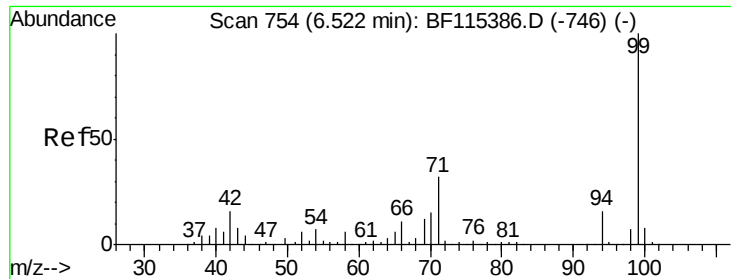


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.310 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

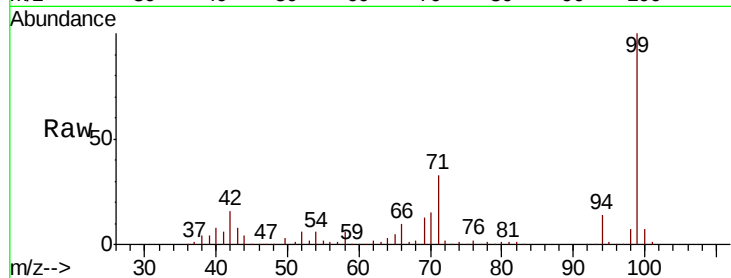
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1098123

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	33.5	26.5	39.7

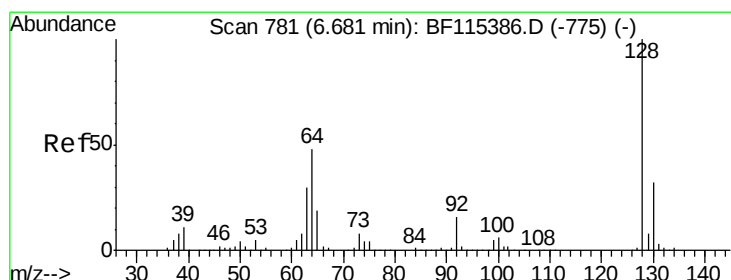
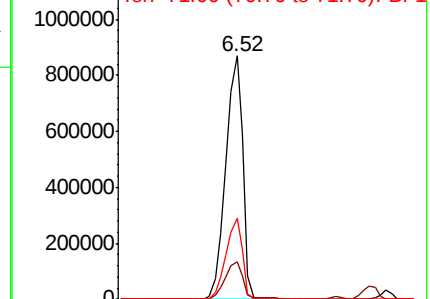
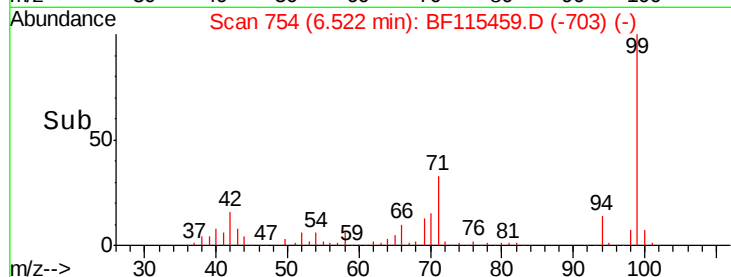


Abundance

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: 38.122 ng

RT: 6.68 min Scan# 781

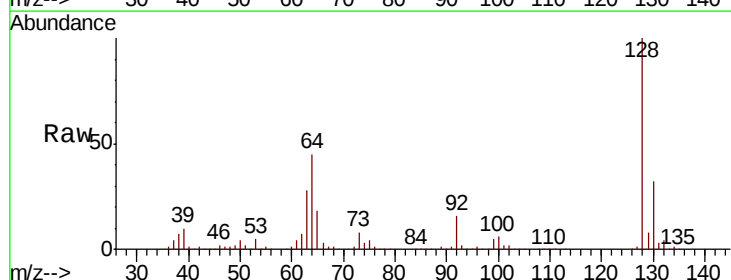
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion: 128 Resp: 493529

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.8	51.8
64	45.4	27.0	67.0

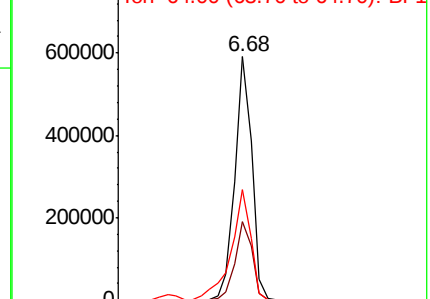
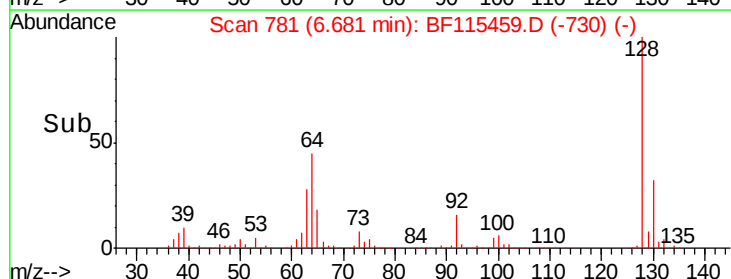


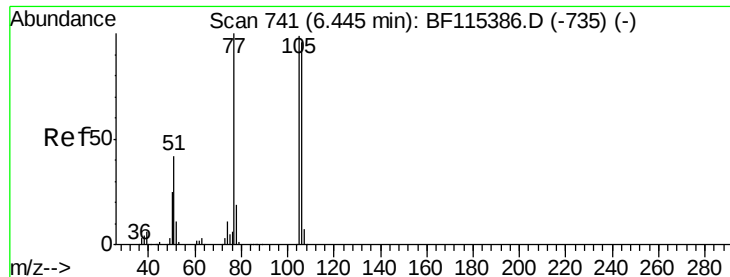
Abundance

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: 41.709 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

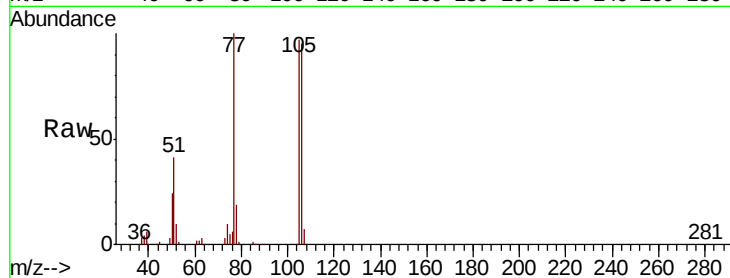
Tot Ion: 77 Resp: 348121

Ion Ratio Lower Upper

77 100

105 97.0 82.9 122.9

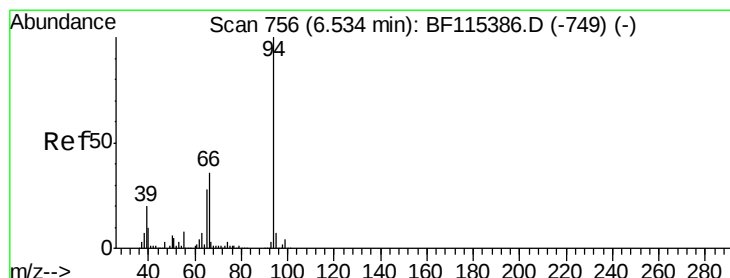
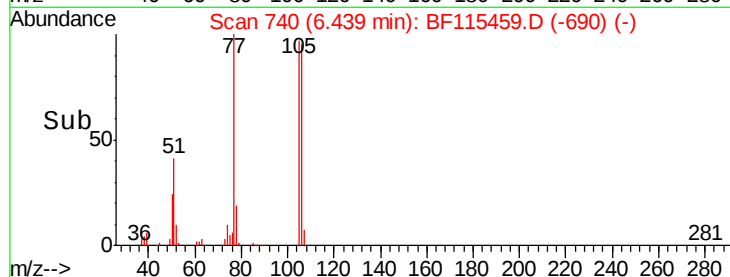
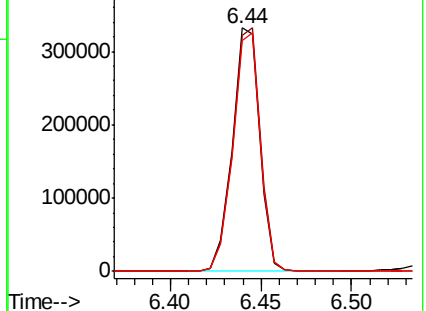
106 94.8 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.292 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

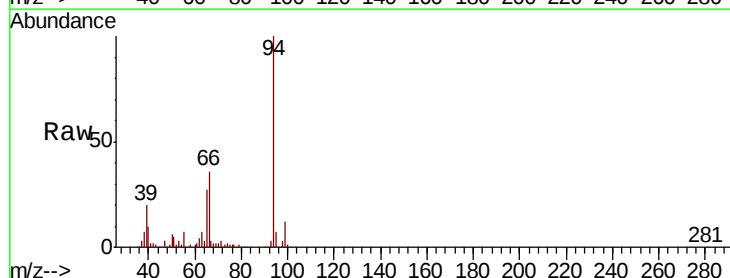
Tgt Ion: 94 Resp: 650605

Ion Ratio Lower Upper

94 100

65 27.1 7.2 47.2

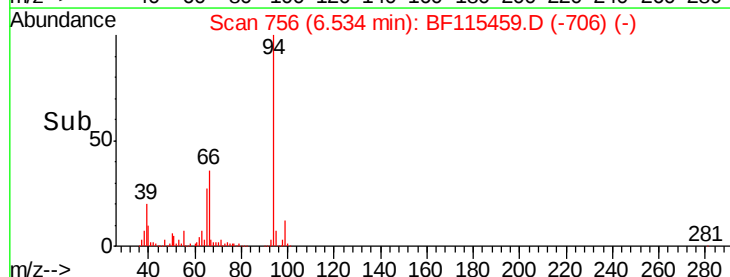
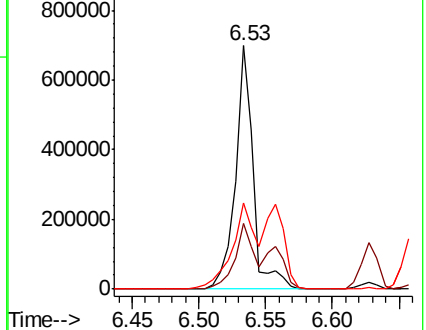
66 35.6 16.9 56.9

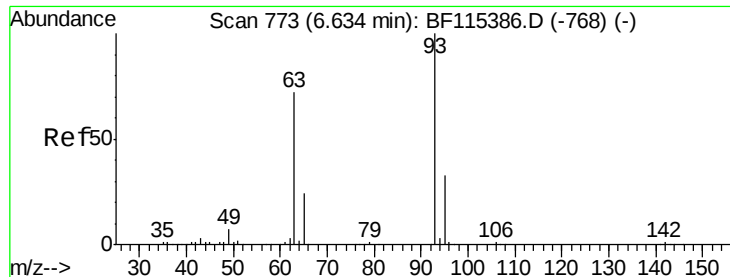


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

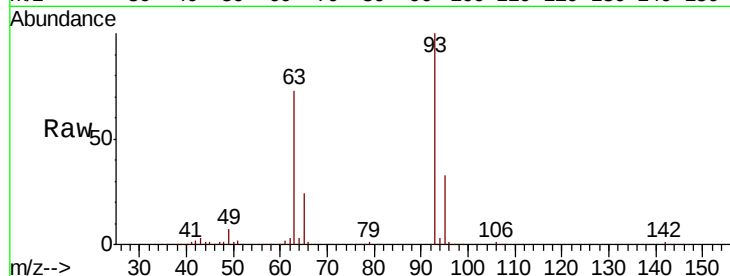




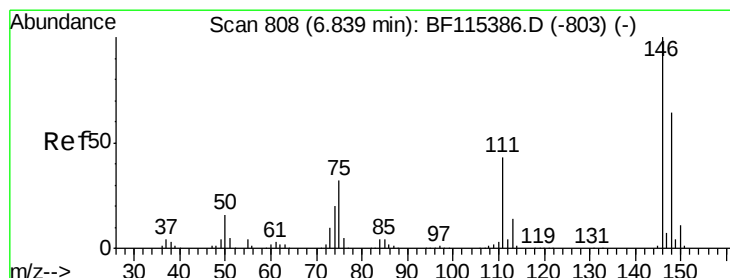
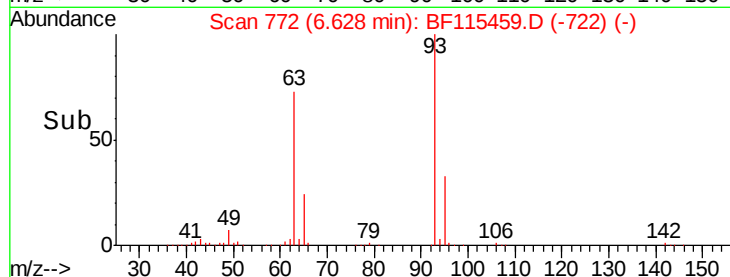
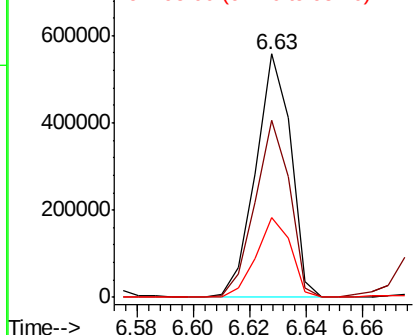
#11
bis(2-Chloroethyl)ether
Concen: 37.099 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 480145
Ion Ratio Lower Upper
93 100
63 72.8 50.0 90.0
95 32.6 12.6 52.6

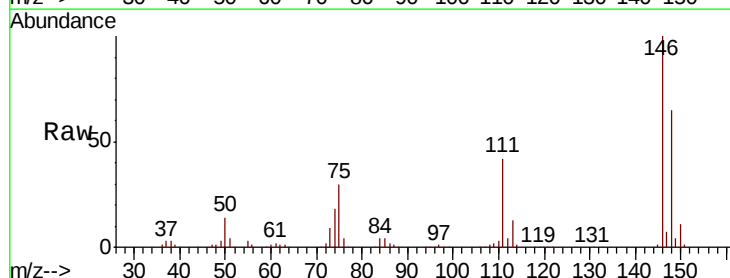


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

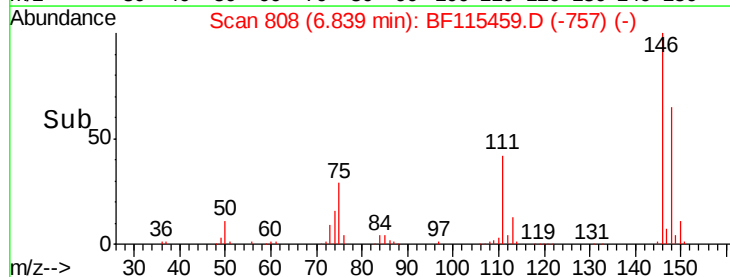
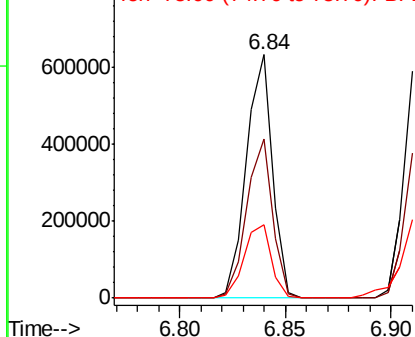


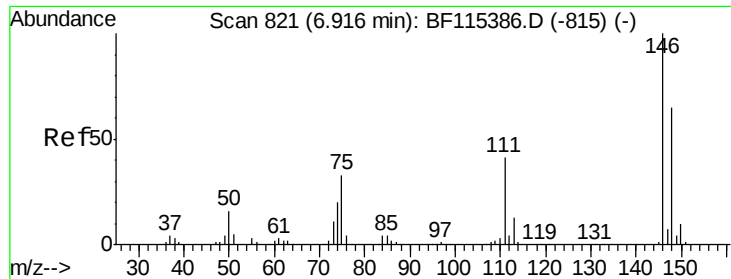
#12
1,3-Dichlorobenzene
Concen: 38.313 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion: 146 Resp: 543407
Ion Ratio Lower Upper
146 100
148 65.4 52.3 78.5
75 29.9 24.8 37.2



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

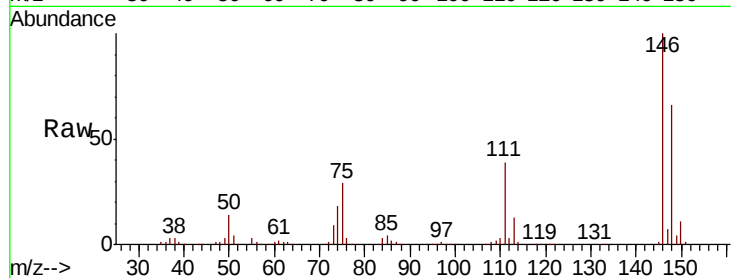




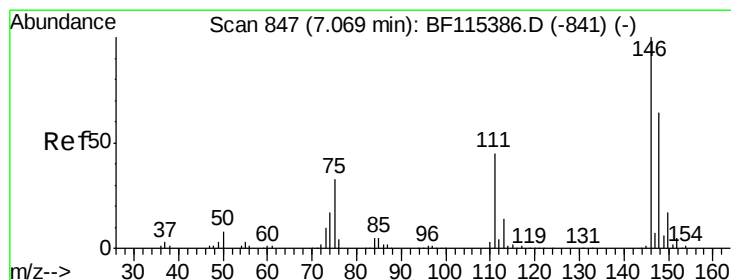
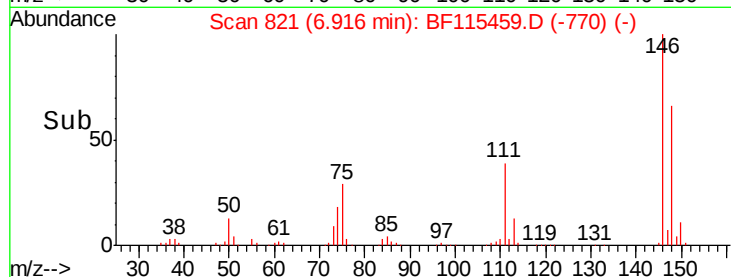
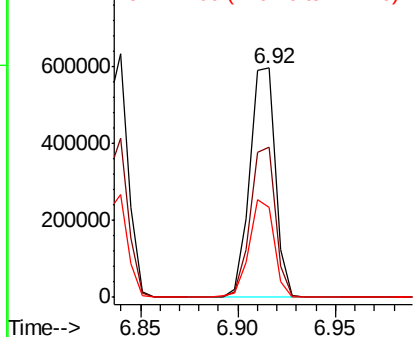
#13
 1,4-Dichlorobenzene
 Concen: 38.482 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 546716
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.3 76.9
 111 39.3 32.1 48.1

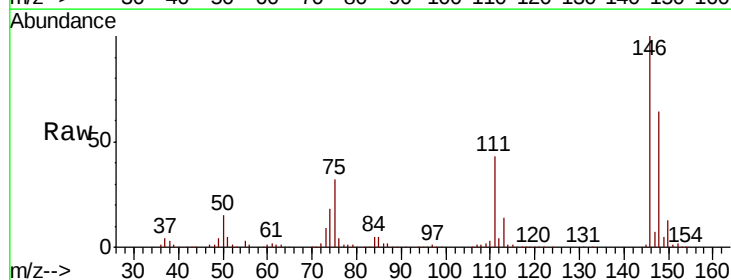


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

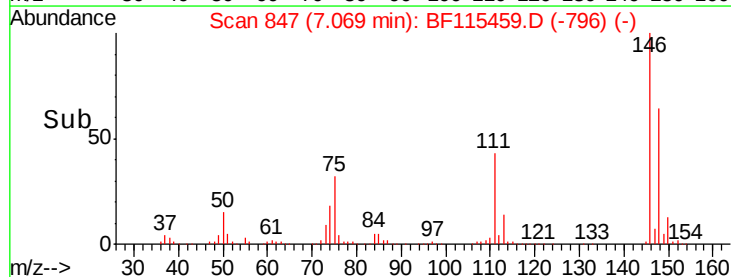
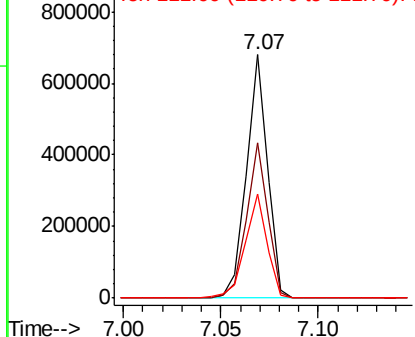


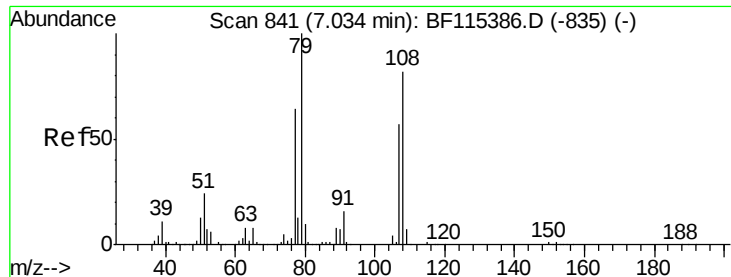
#14
 1,2-Dichlorobenzene
 Concen: 38.795 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion:146 Resp: 510285
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 42.8 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 37.333 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampled :

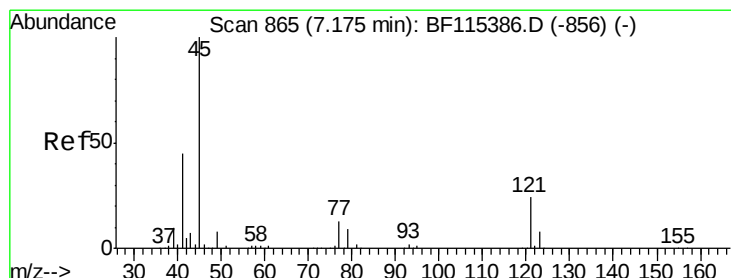
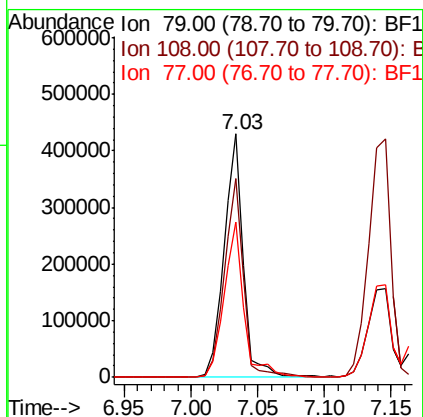
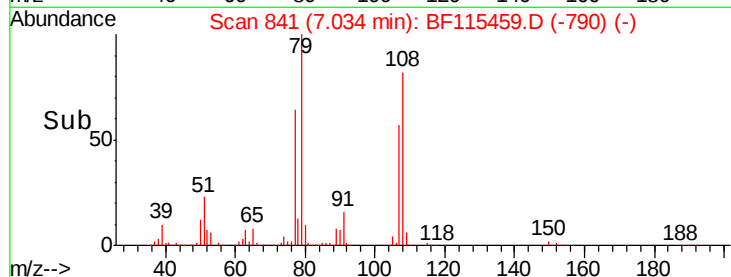
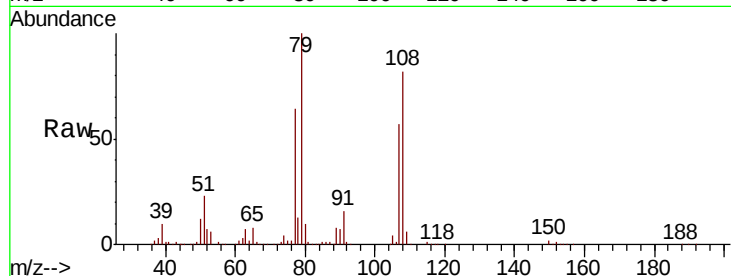
Tot Ion: 79 Resp: 436818

Ion Ratio Lower Upper

79 100

108 81.9 65.3 97.9

77 63.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.479 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

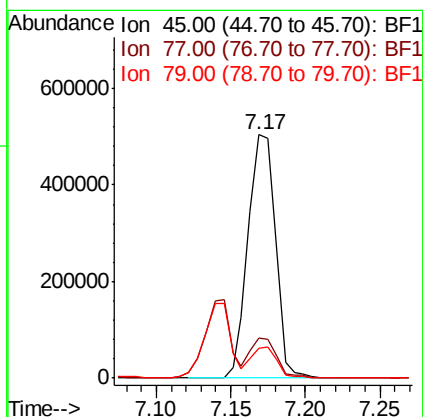
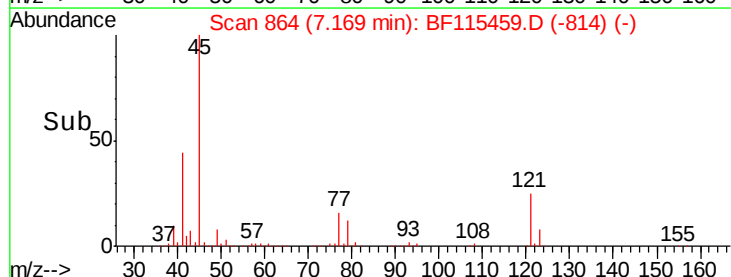
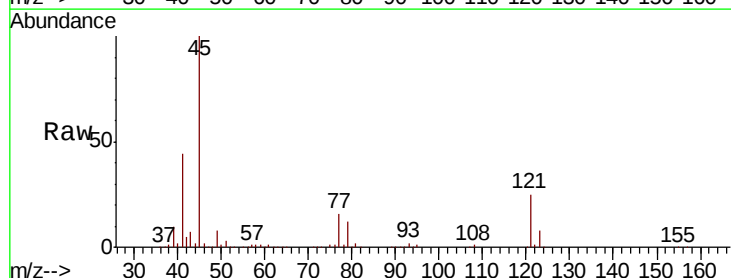
Tgt Ion: 45 Resp: 642041

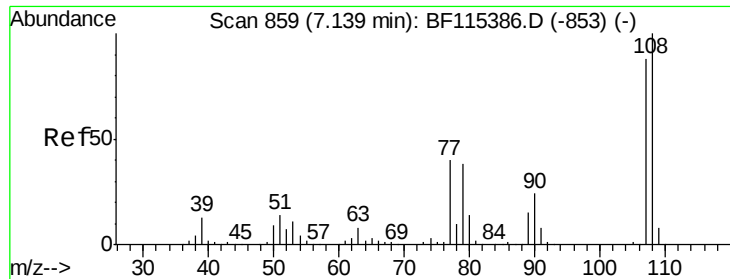
Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.4

79 12.3 0.0 33.4

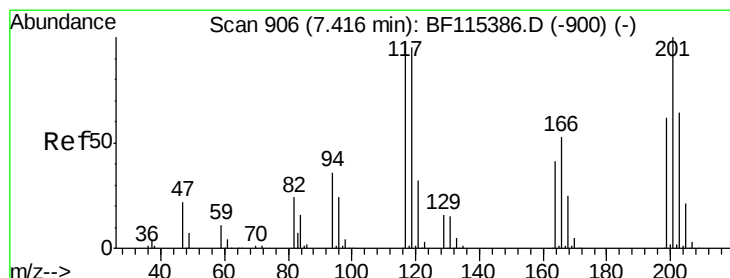
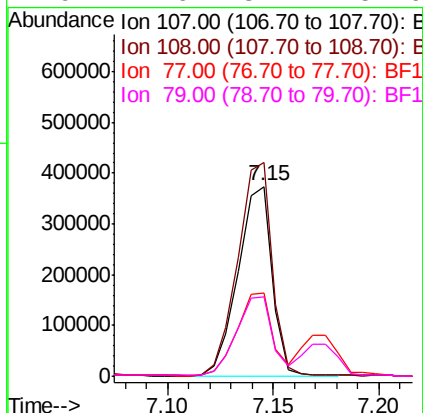
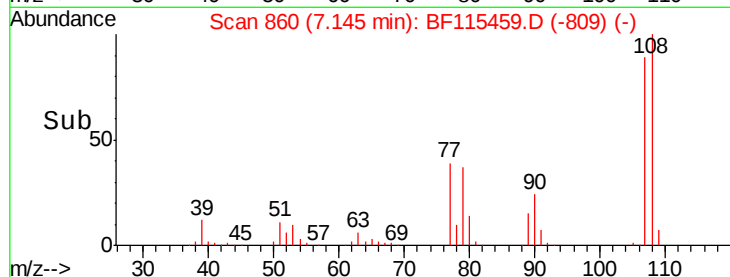
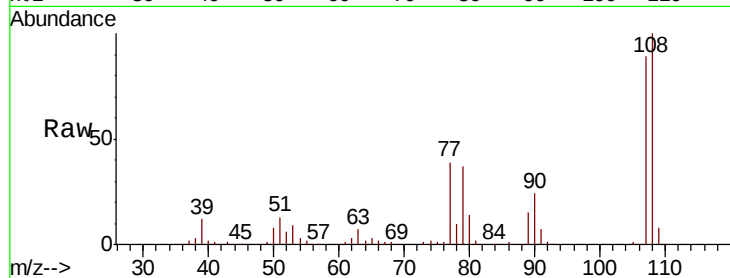




#17
2-Methylphenol
Concen: 37.774 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

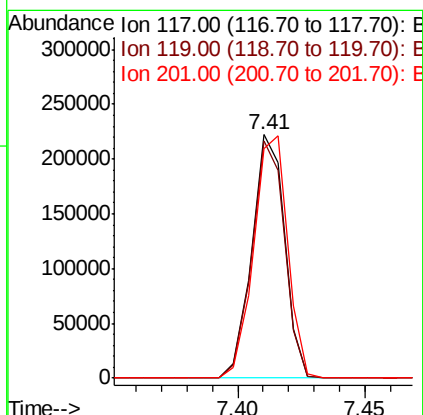
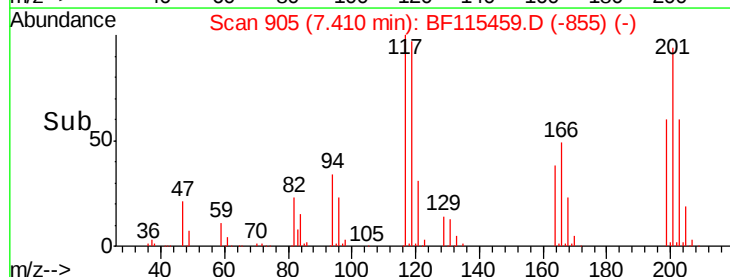
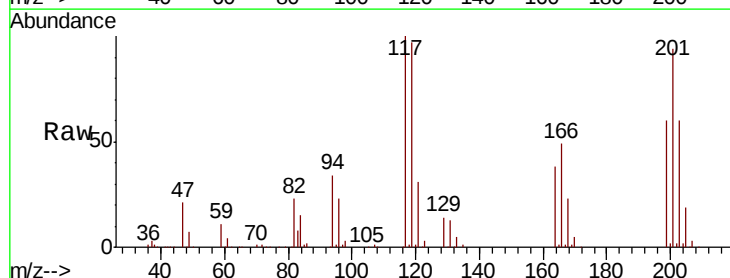
Instrument :
BNA_F
ClientSampleId :

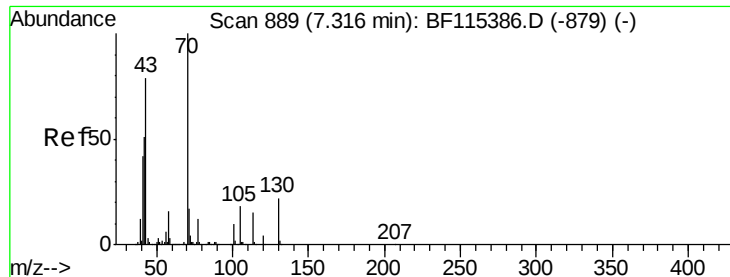
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	43.8	35.0	52.4
79	41.6	34.4	51.6



#18
Hexachloroethane
Concen: 38.035 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
201	94.2	85.8	128.6

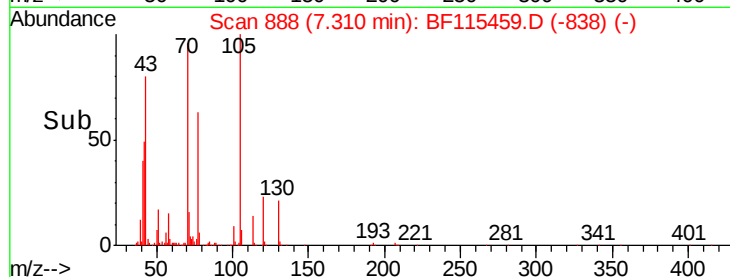
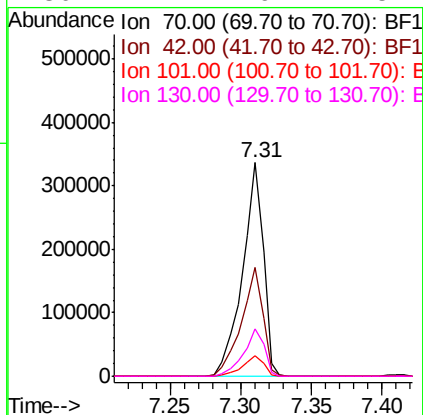
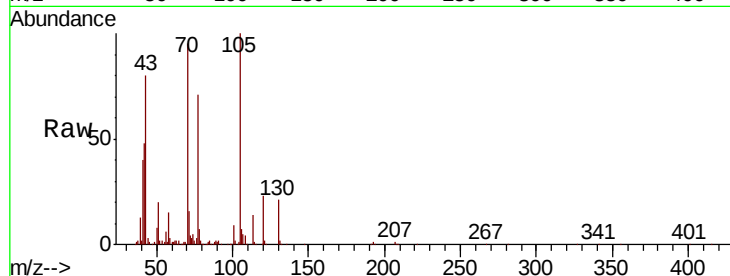




#19
n-Nitroso-di-n-propylamine
Concen: 35.156 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

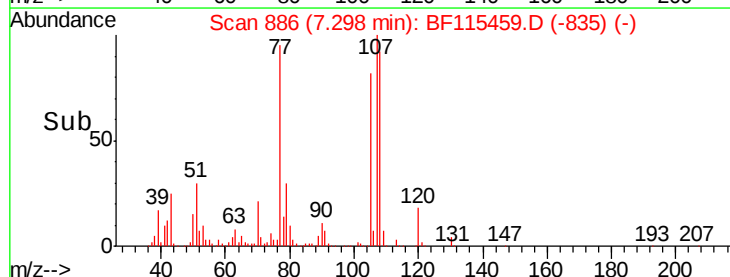
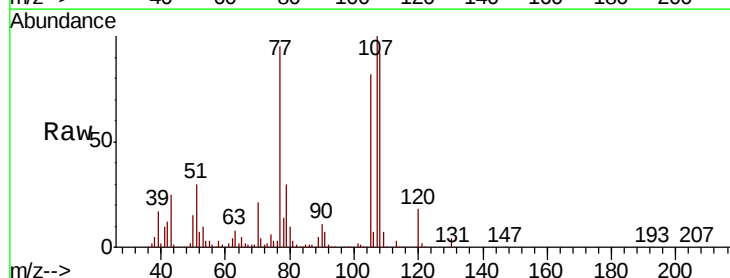
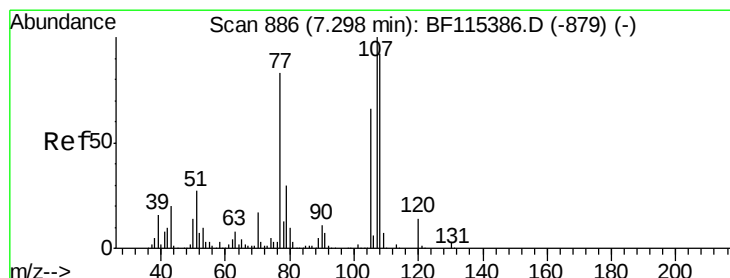
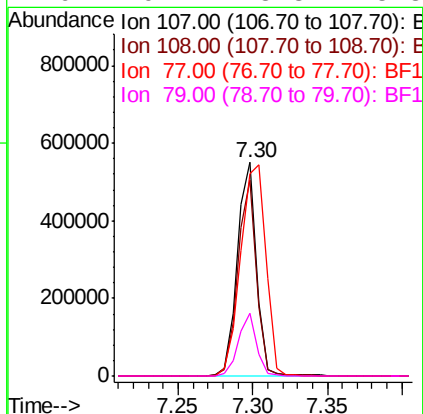
Instrument :
BNA_F
ClientSampleId :

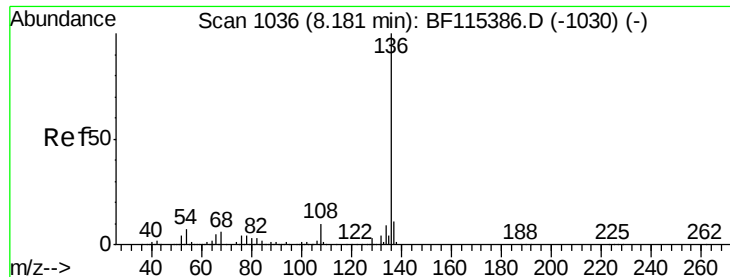
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	38.5	57.7
101	9.7	8.0	12.0
130	22.4	19.1	28.7



#20
3+4-Methylphenols
Concen: 37.611 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.5	110.5
77	94.7	63.0	103.0
79	29.7	8.3	48.3

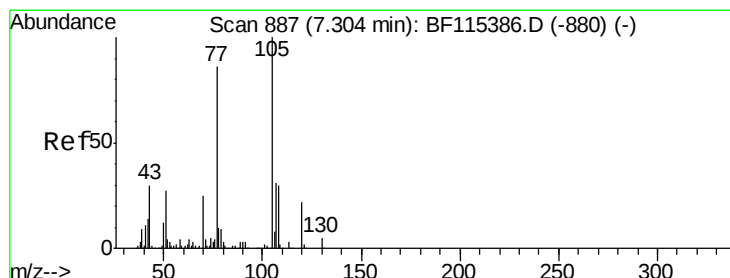
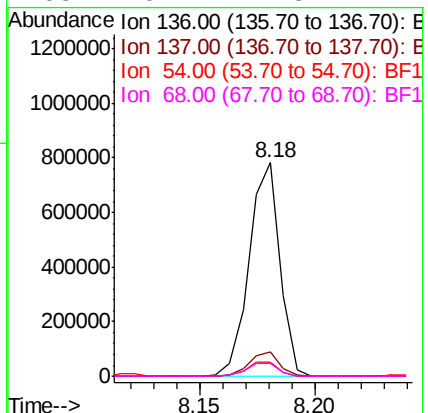
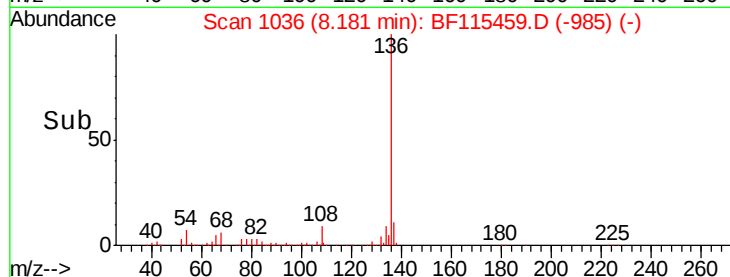
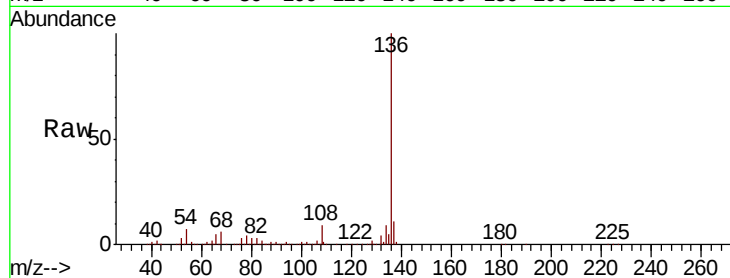




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

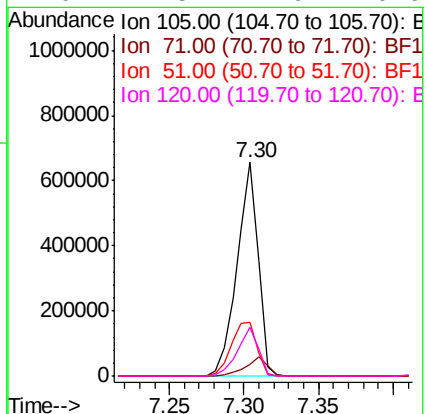
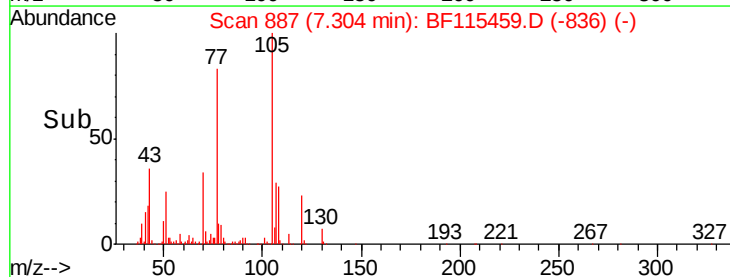
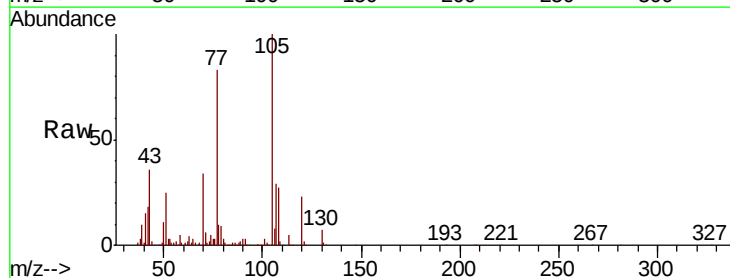
Instrument :
BNA_F
ClientSampleId :

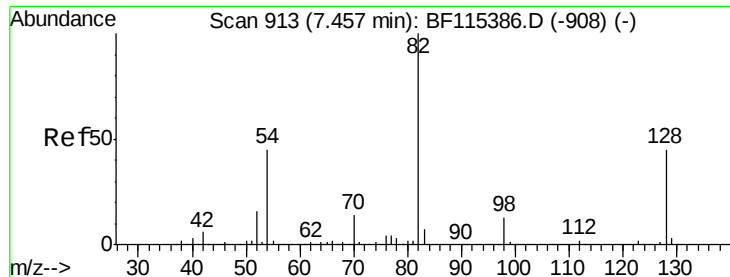
Tot Ion:136	Resp: 729001
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 6.5	5.4 8.0
68 6.2	4.8 7.2



#22
Acetophenone
Concen: 37.162 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt	Ion:105	Resp:	649154
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.5	5.3#
51	25.2	22.6	33.8
120	22.5	17.9	26.9

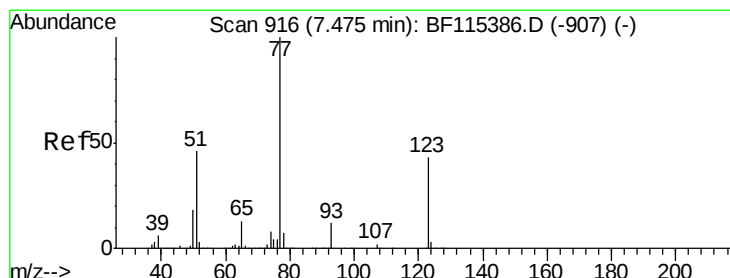
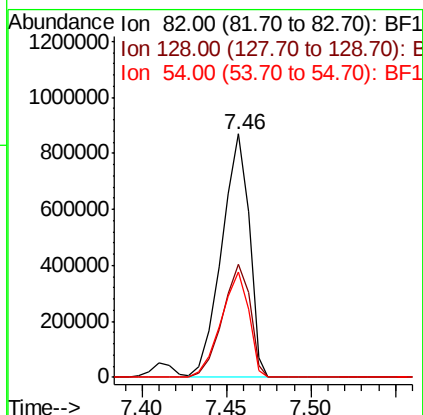
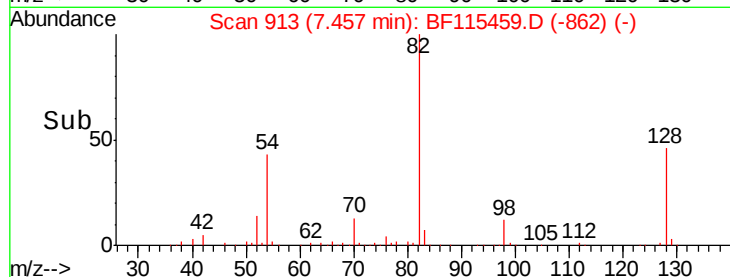
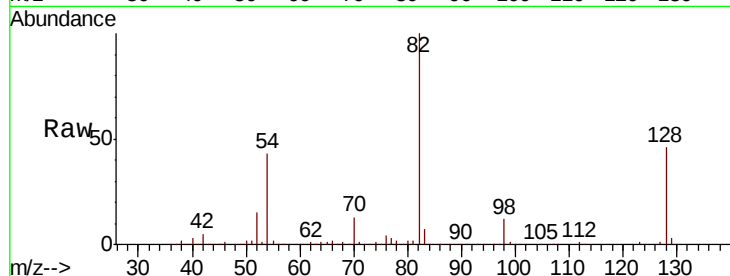




#23
 Nitrobenzene-d5
 Concen: 79.912 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

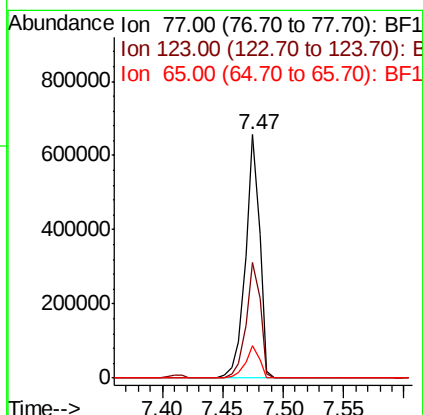
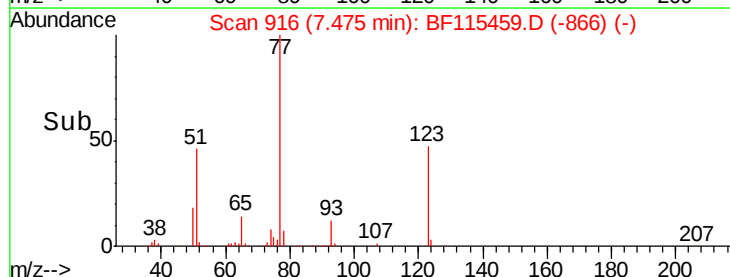
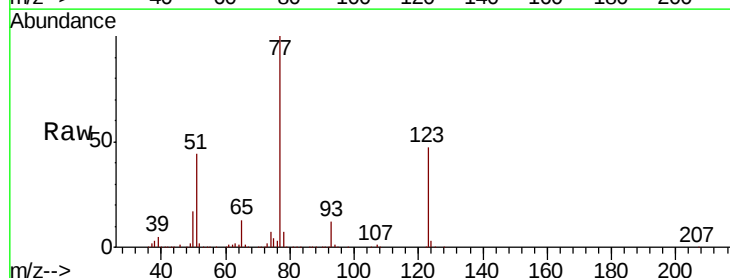
Instrument :
 BNA_F
 ClientSampleId :

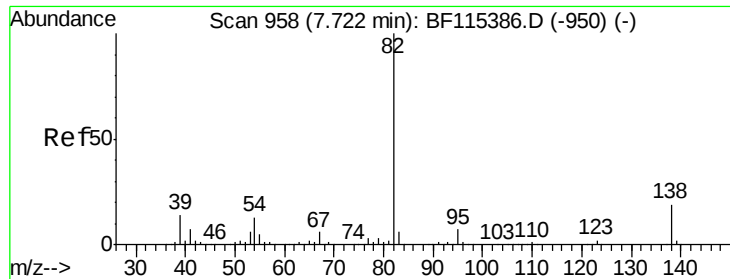
Tot Ion: 82 Resp: 986000
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.7 55.1
 54 43.2 35.6 53.4



#24
 Nitrobenzene
 Concen: 38.990 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion: 77 Resp: 543302
 Ion Ratio Lower Upper
 77 100
 123 47.2 40.4 60.6
 65 13.4 10.4 15.6





#25

Isophorone

Concen: 36.298 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampled :

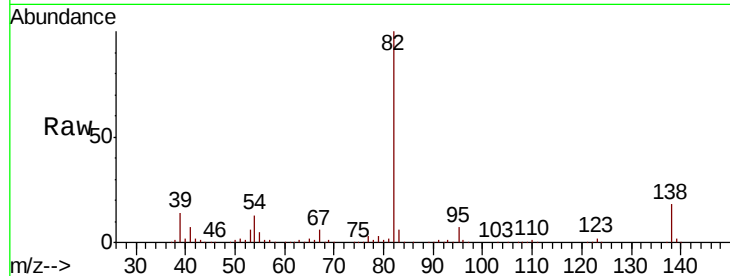
Tot Ion: 82 Resp: 970751

Ion Ratio Lower Upper

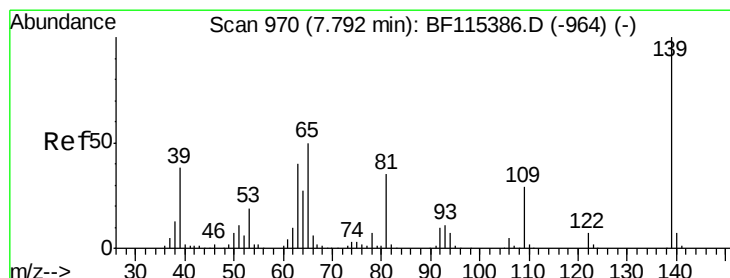
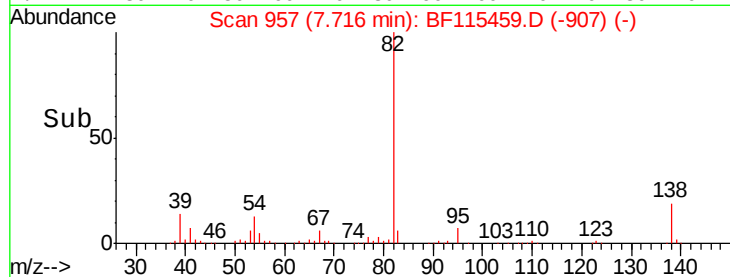
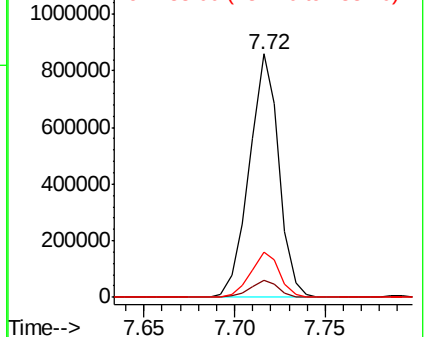
82 100

95 6.7 5.4 8.2

138 18.3 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.377 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

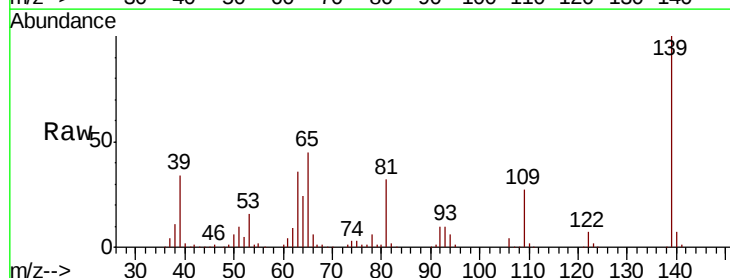
Tgt Ion: 139 Resp: 271414

Ion Ratio Lower Upper

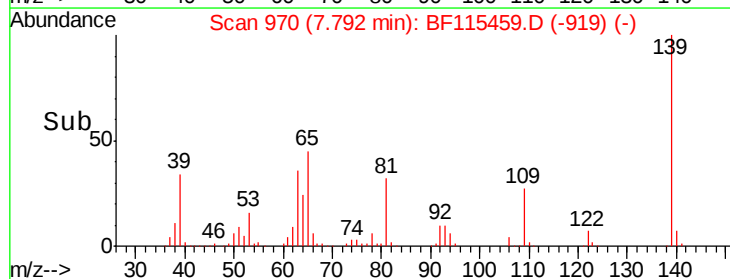
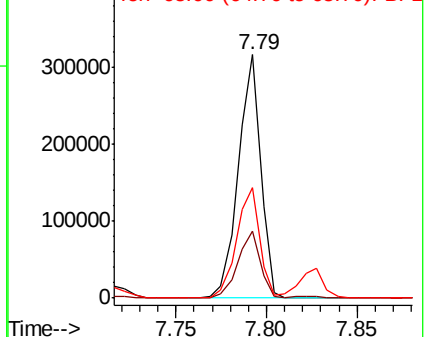
139 100

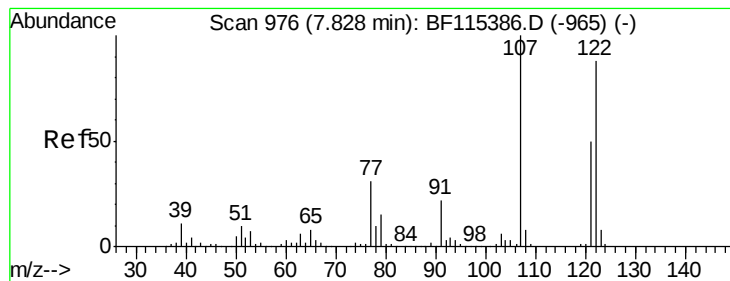
109 27.4 22.2 33.4

65 45.2 37.5 56.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.247 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

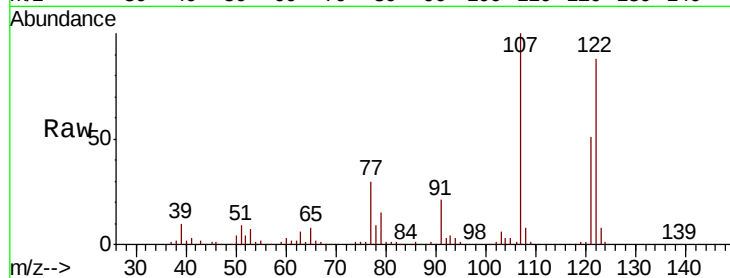
Tot Ion:122 Resp: 385036

Ion Ratio Lower Upper

122 100

107 113.8 91.7 137.5

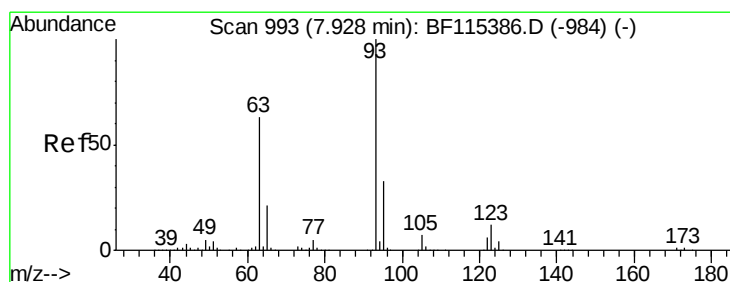
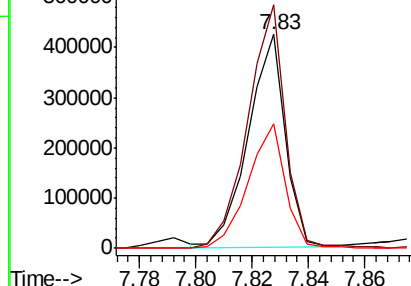
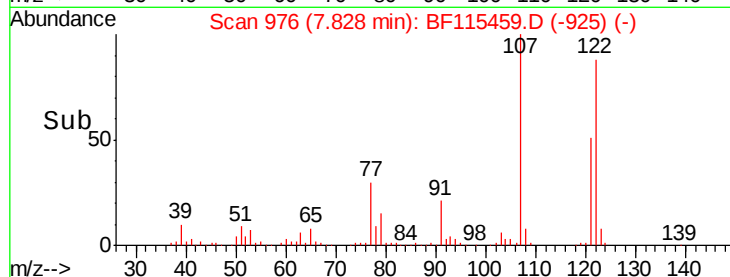
121 58.5 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.947 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

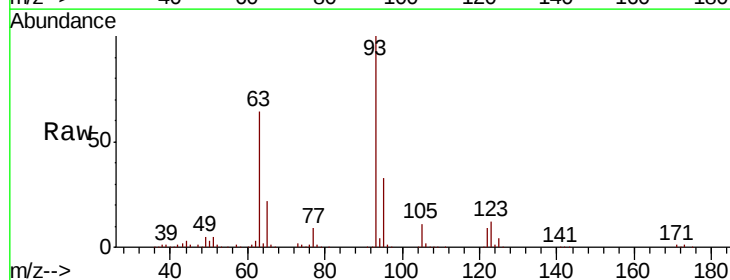
Tgt Ion: 93 Resp: 609310

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

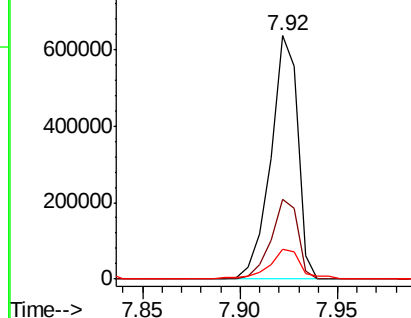
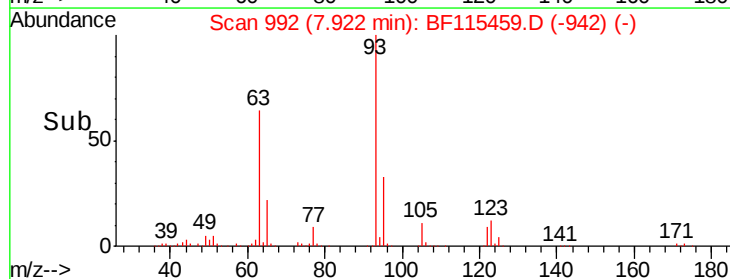
123 12.2 10.4 15.6

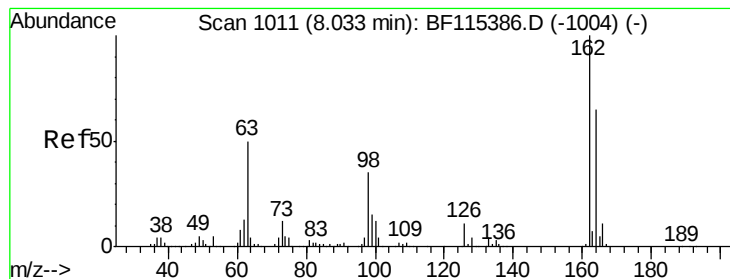


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.535 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

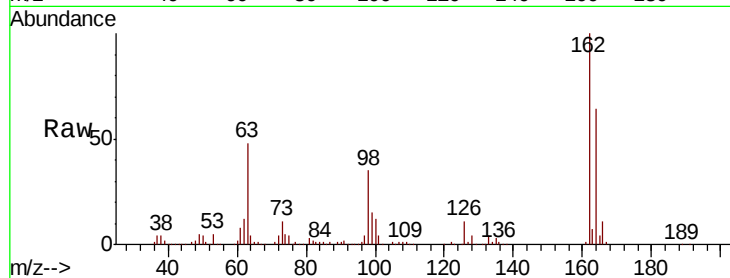
Tot Ion:162 Resp: 430157

Ion Ratio Lower Upper

162 100

164 64.0 45.2 85.2

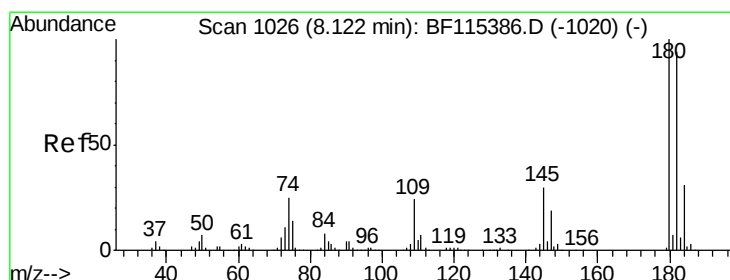
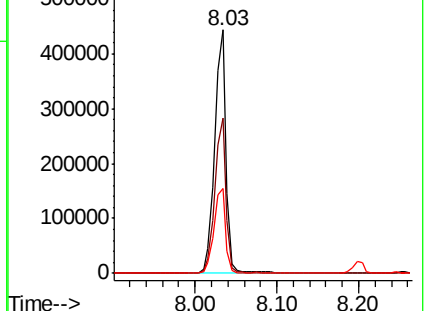
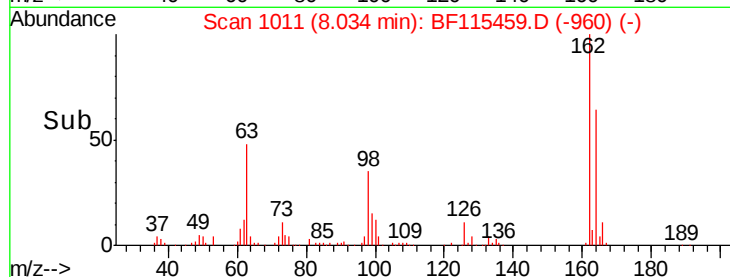
98 35.1 17.0 57.0



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: 38.823 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

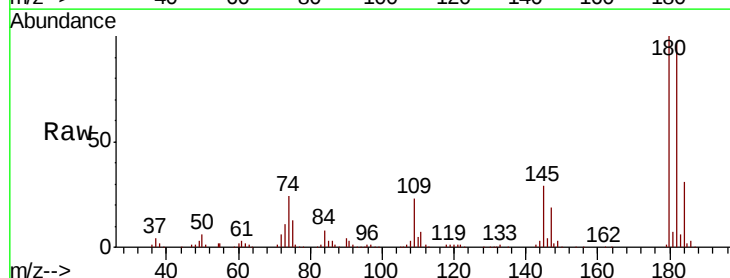
Tgt Ion:180 Resp: 470255

Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

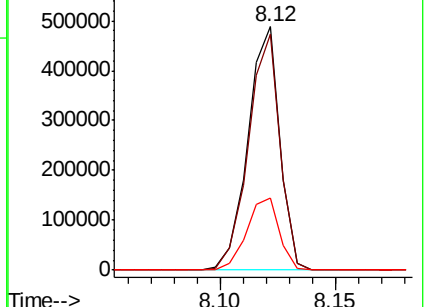
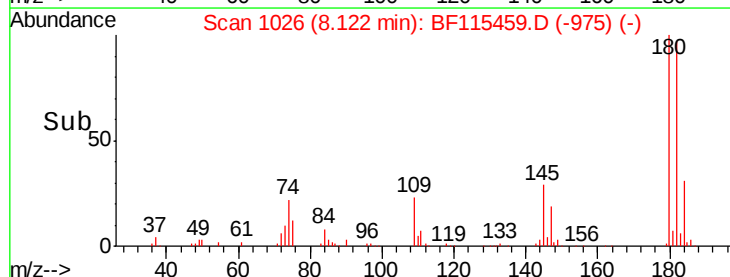
145 29.4 23.9 35.9

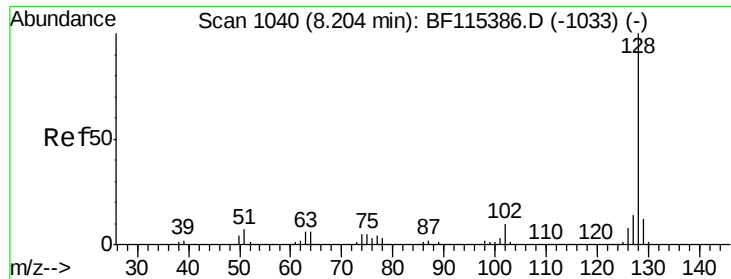


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

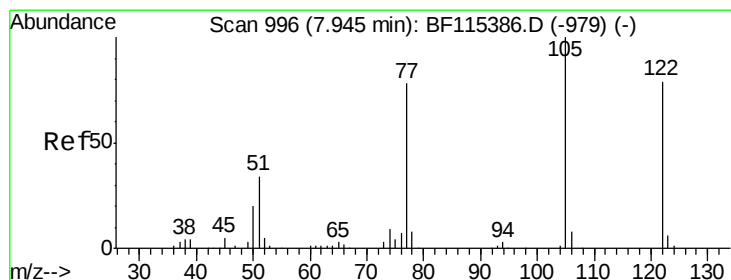
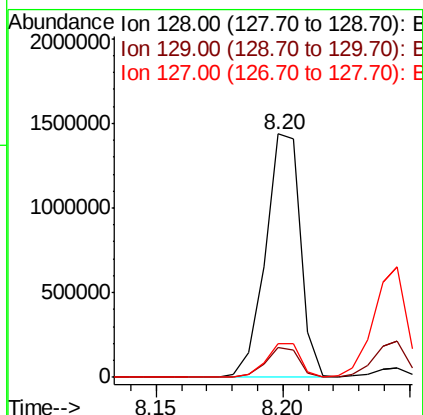
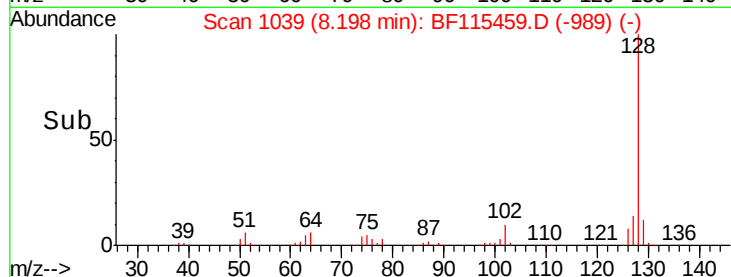
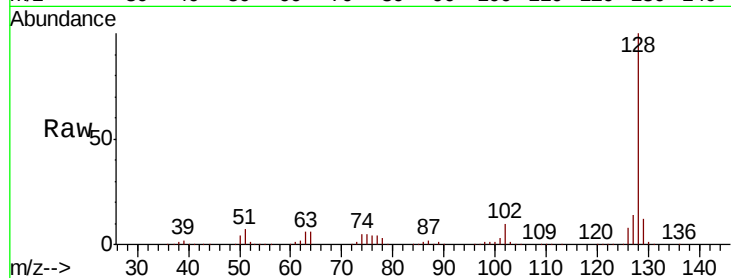




#31
Naphthalene
Concen: 38.399 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

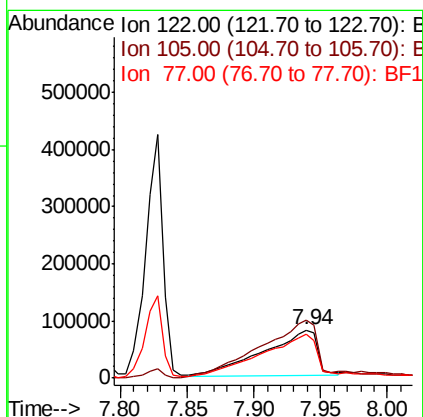
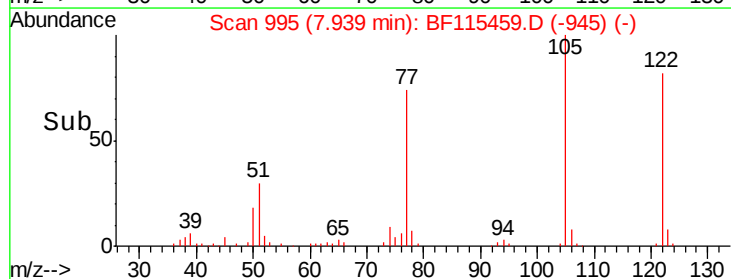
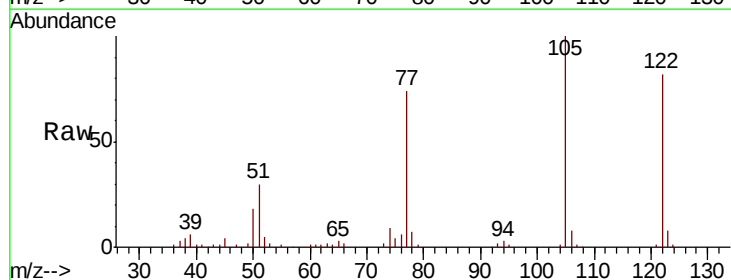
Instrument :
BNA_F
ClientSampleId :

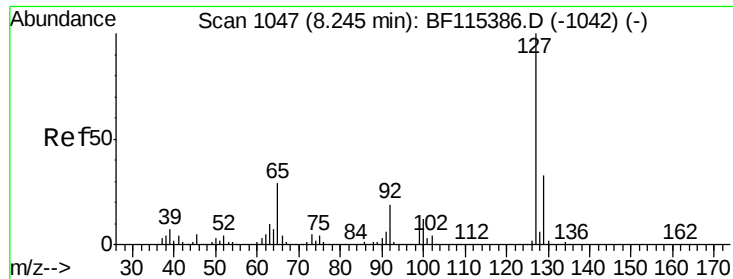
Tot Ion:128 Resp: 1390404
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 30.071 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:122 Resp: 218757
Ion Ratio Lower Upper
122 100
105 122.1 101.6 141.6
77 90.9 69.1 109.1

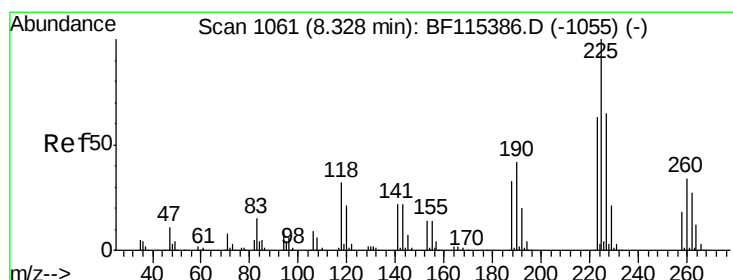
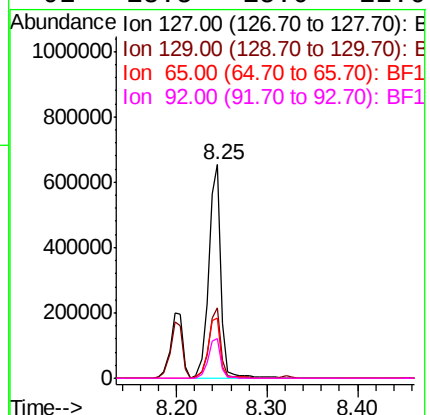
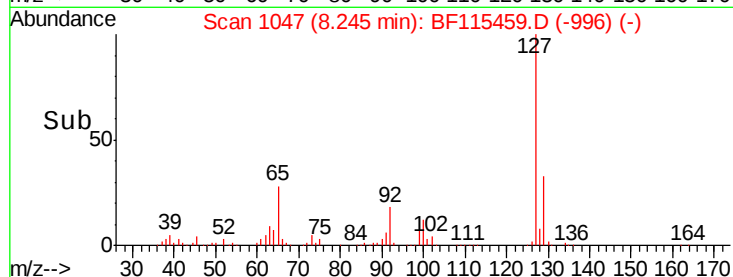
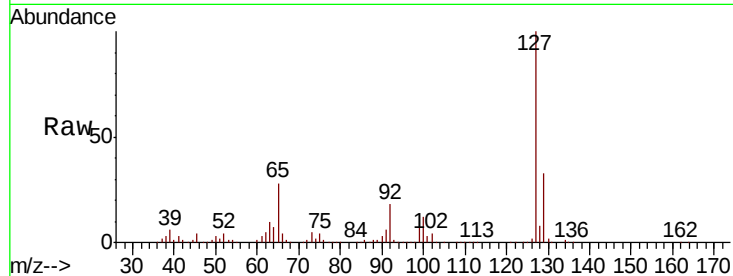




#33
4-Chloroaniline
Concen: 38.490 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

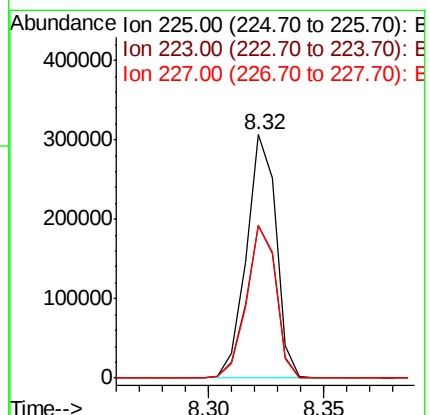
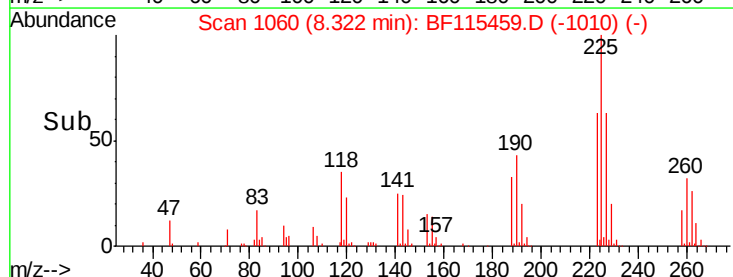
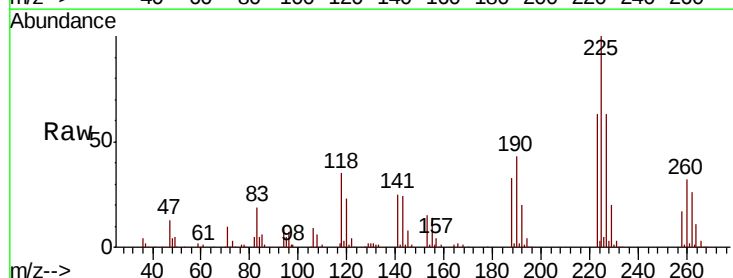
Instrument :
BNA_F
ClientSampleId :

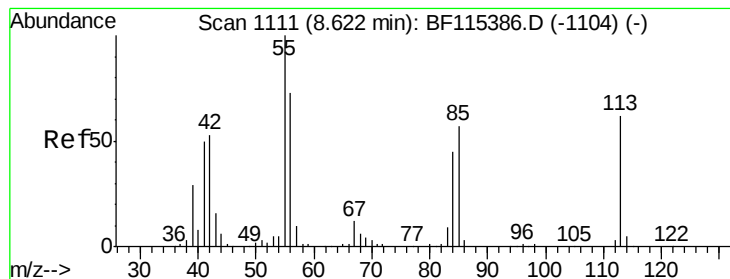
Tot Ion:	127	Resp:	621835
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	28.2	23.2	34.8
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.165 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:	225	Resp:	275898
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.7	51.4	77.2





#35

Caprolactam

Concen: 38.243 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

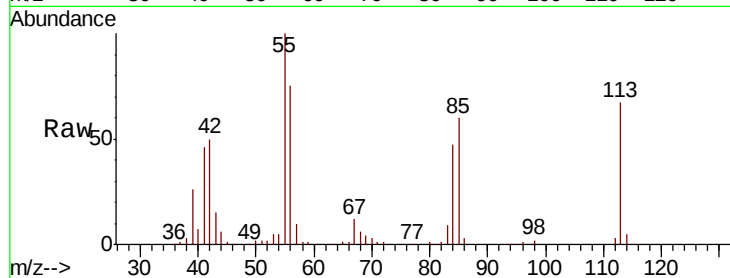
Tot Ion:113 Resp: 135519

Ion Ratio Lower Upper

113 100

55 149.6 138.1 178.1

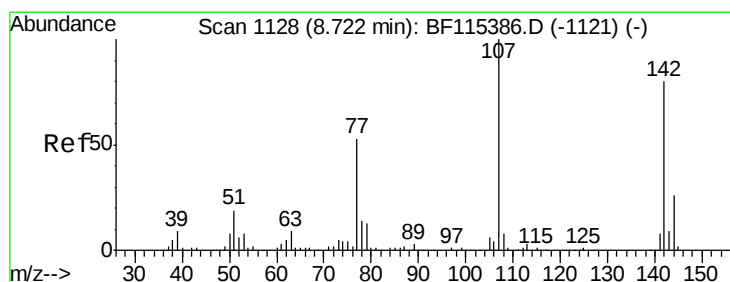
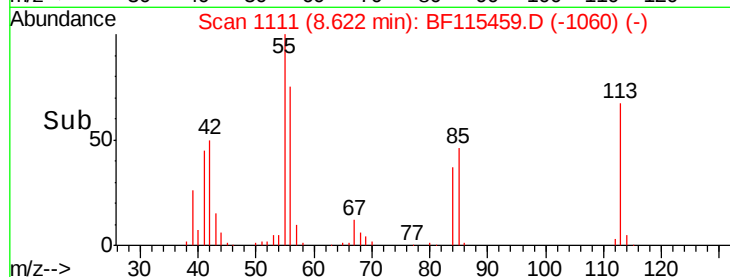
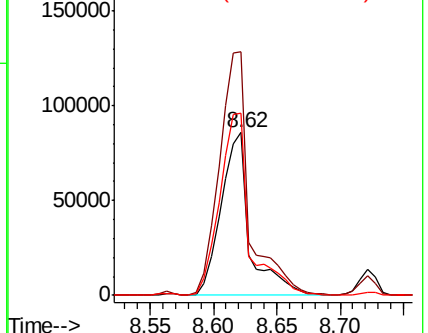
56 111.6 95.7 135.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.989 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

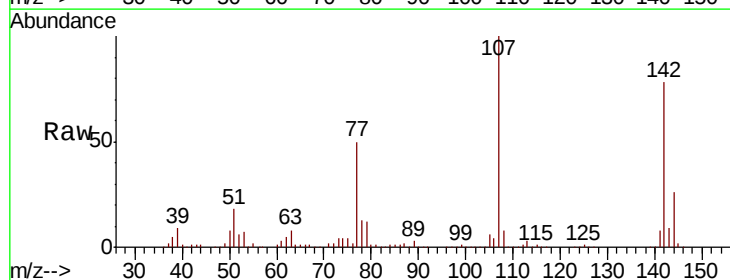
Tgt Ion:107 Resp: 448715

Ion Ratio Lower Upper

107 100

144 25.6 21.5 32.3

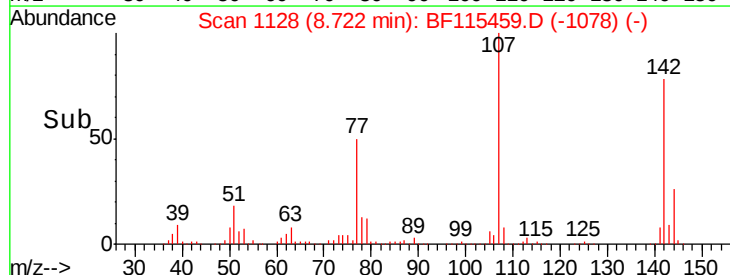
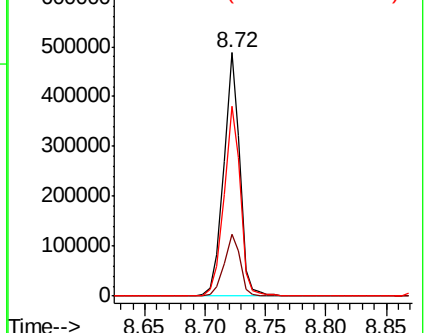
142 77.9 66.2 99.2

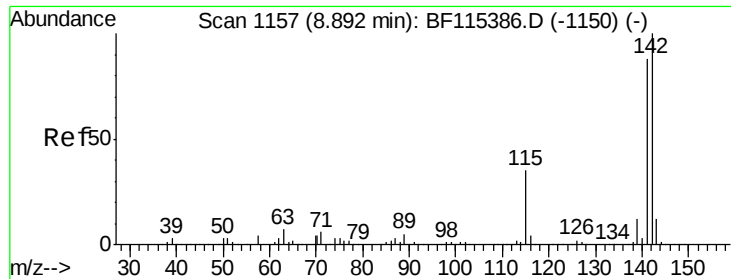


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

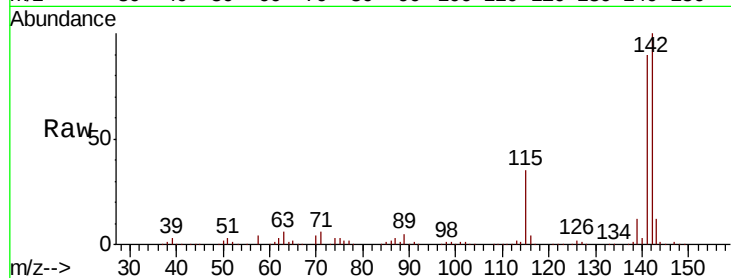




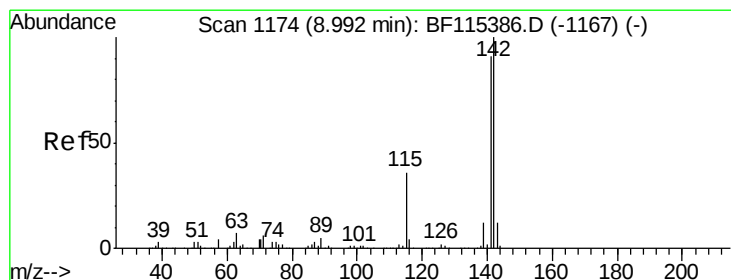
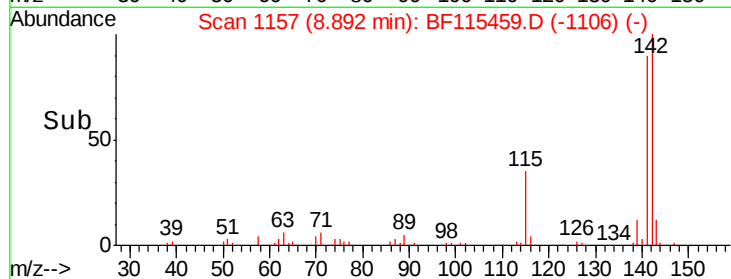
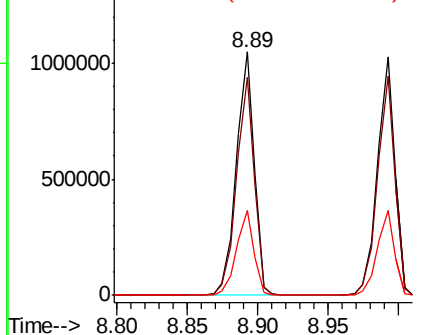
#37
 2-Methylnaphthalene
 Concen: 38.142 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 923149
 Ion Ratio Lower Upper
 142 100
 141 89.8 72.1 108.1
 115 34.8 27.6 41.4

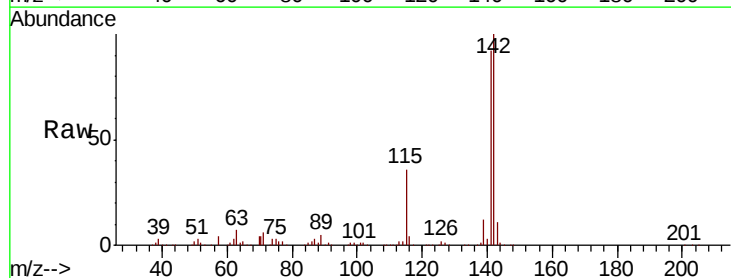


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

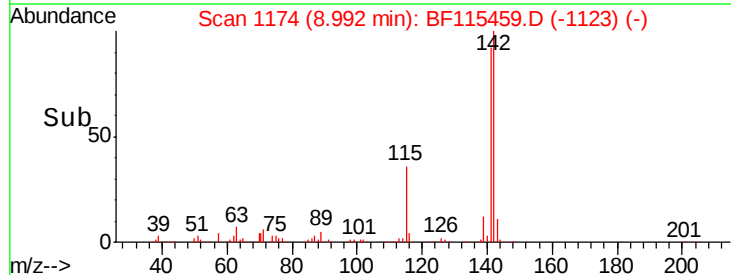
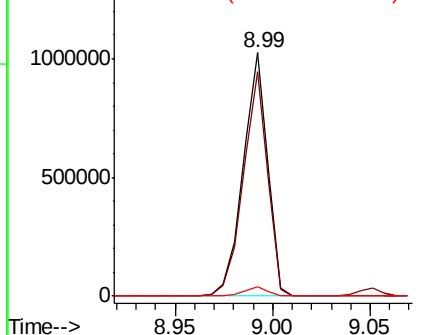


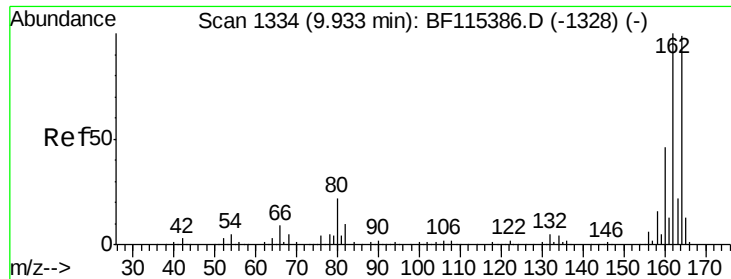
#38
 1-Methylnaphthalene
 Concen: 38.327 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion:142 Resp: 885059
 Ion Ratio Lower Upper
 142 100
 141 92.3 74.3 111.5
 116 3.6 3.1 4.7



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

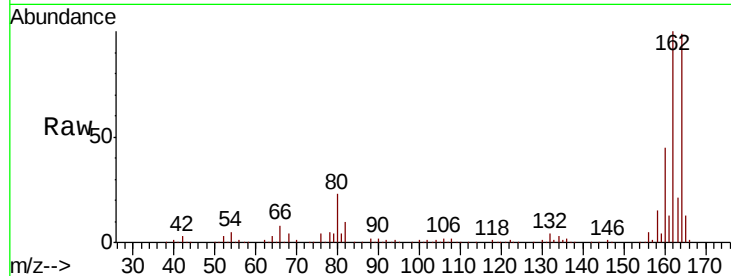




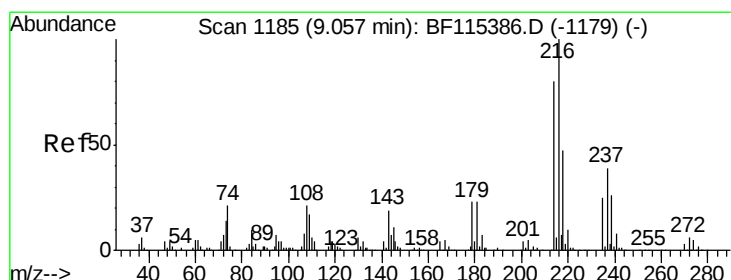
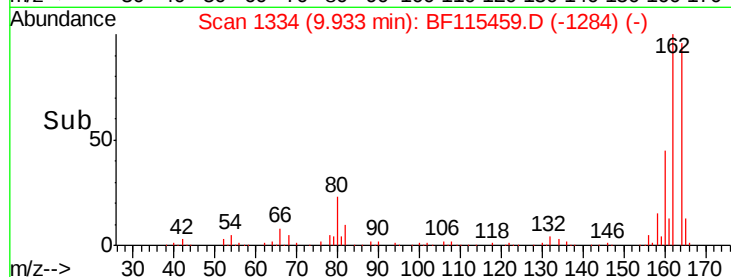
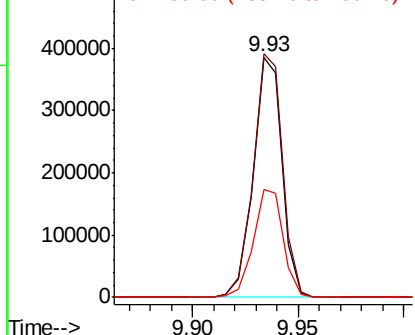
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 364460
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 45.2 37.2 55.8

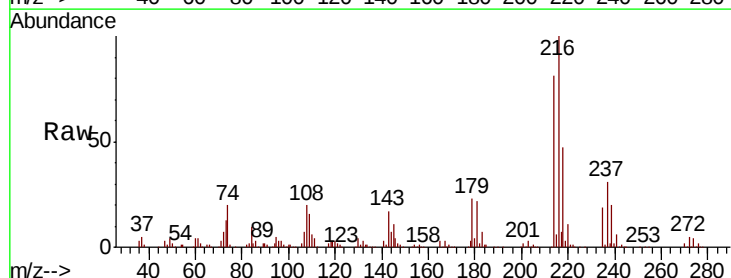


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

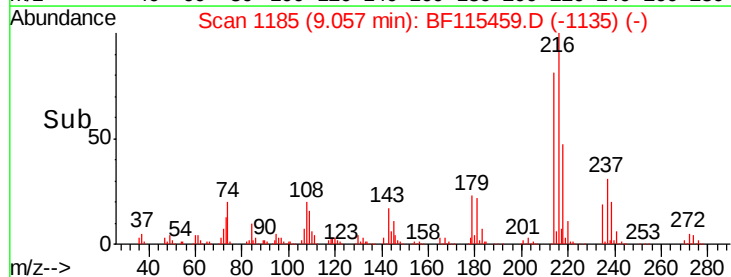
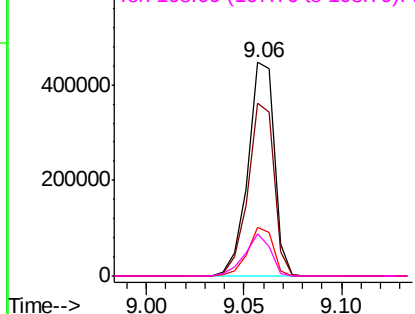


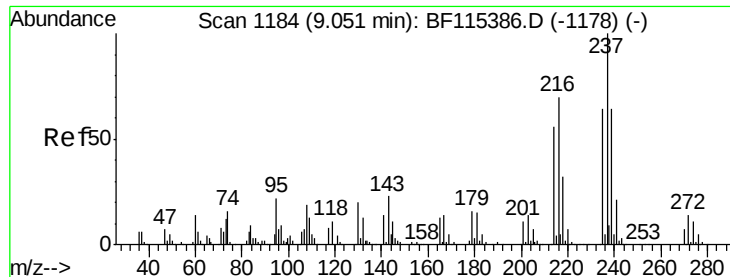
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.056 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:216 Resp: 419983
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.6
179 21.8 17.4 26.0
108 19.1 15.4 23.2



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: 38.417 ng

RT: 9.05 min Scan# 1184

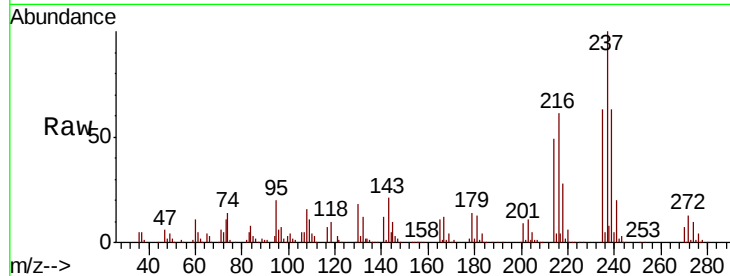
Delta R.T. 0.00 min

Lab File: BF115459.D

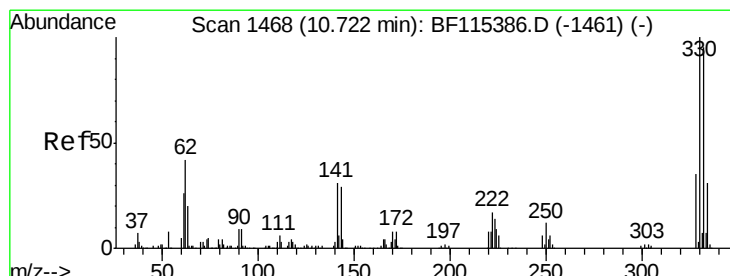
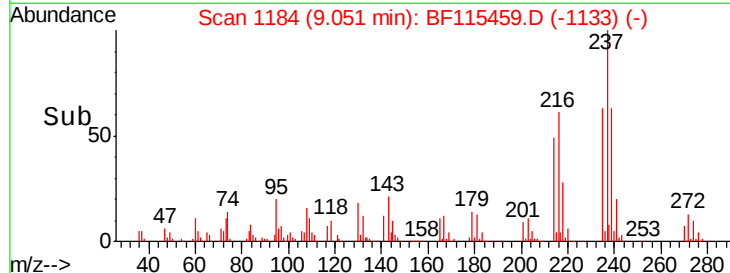
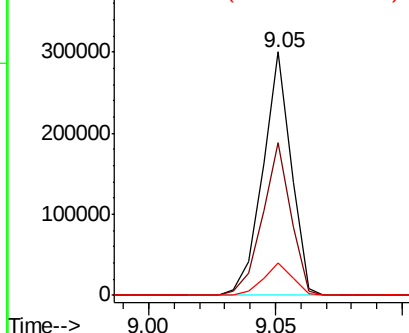
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	233460
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.4	83.4
272	13.5	0.0	33.6



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: 83.079 ng

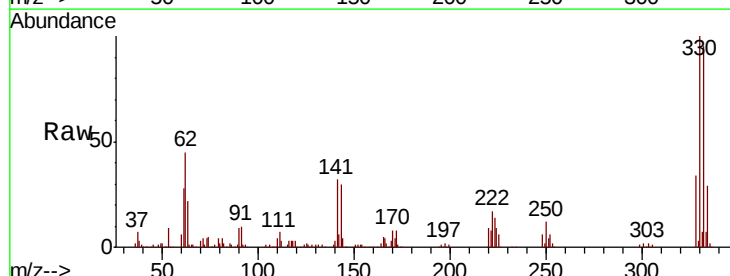
RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

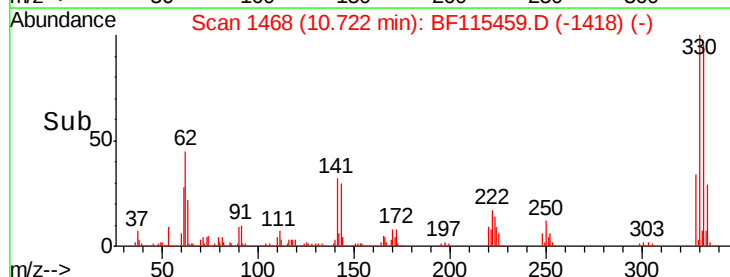
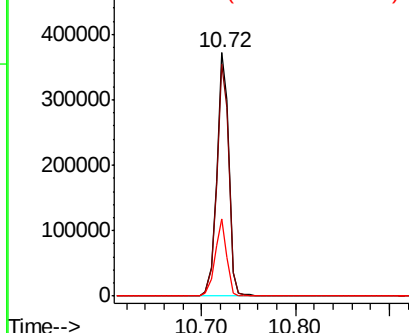
Lab File: BF115459.D

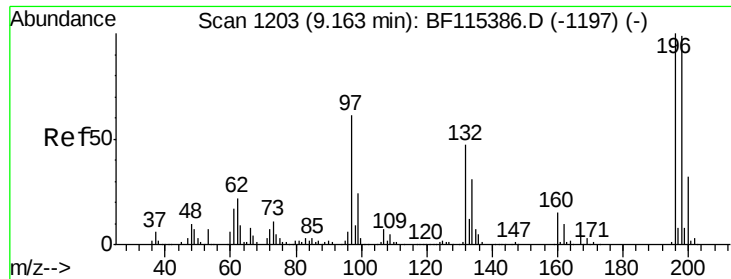
Acq: 10 Jul 2019 17:03

Tgt Ion:	330	Resp:	334785
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	30.9	24.7	37.1



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

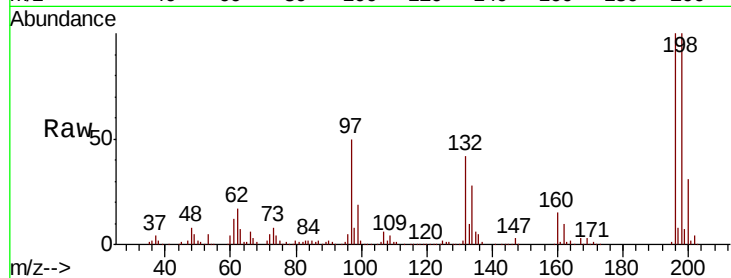




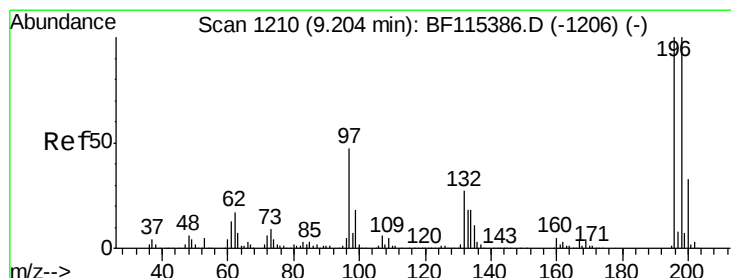
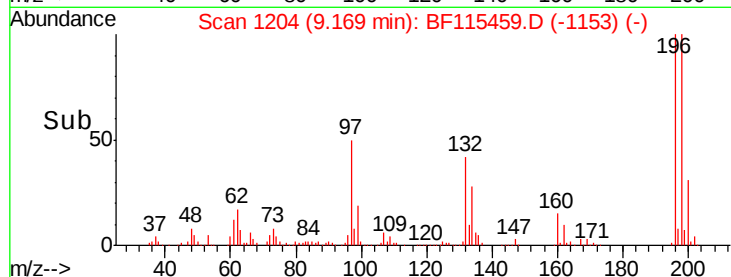
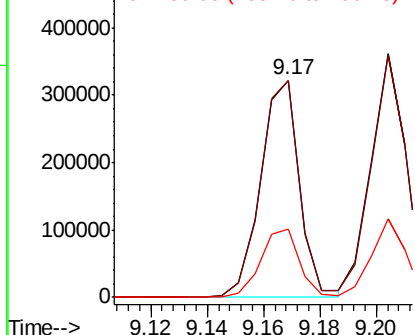
#43
 2,4,6-Trichlorophenol
 Concen: 40.340 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 307928
 Ion Ratio Lower Upper
 196 100
 198 99.5 78.2 117.4
 200 31.3 25.0 37.6

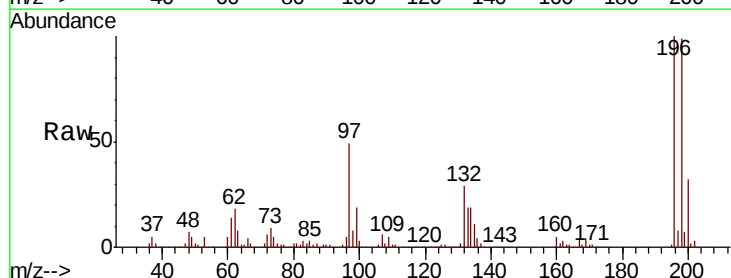


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

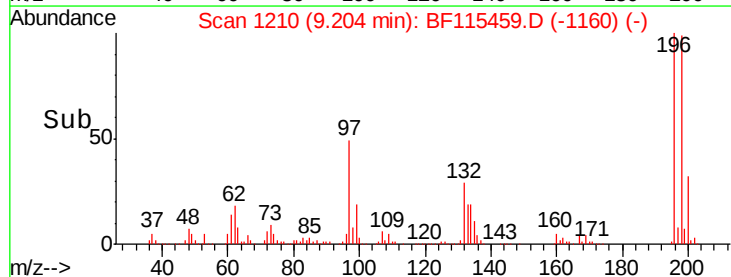
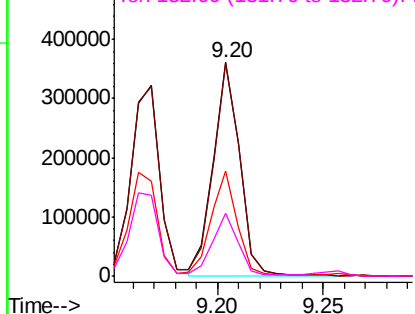


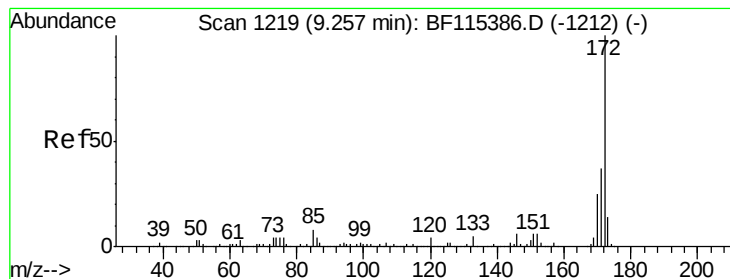
#44
 2,4,5-Trichlorophenol
 Concen: 39.662 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion:196 Resp: 313935
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.6 120.8
 97 49.3 34.0 51.0
 132 29.3 21.4 32.2



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: 80.332 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

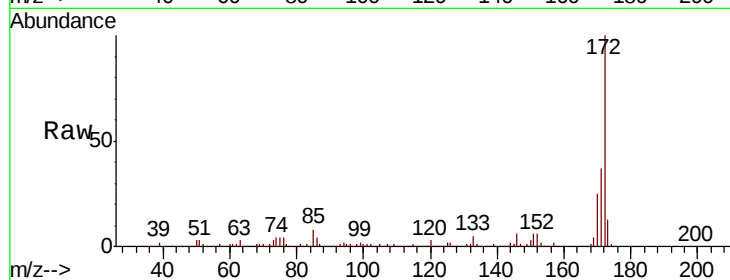
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1668483

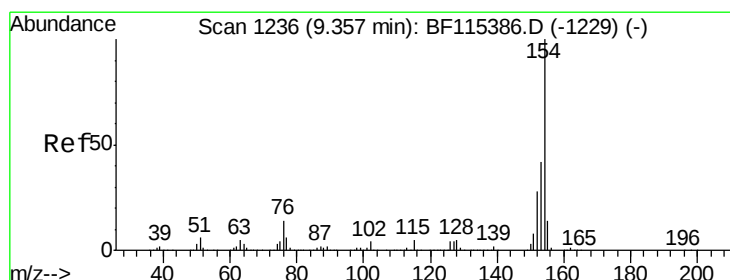
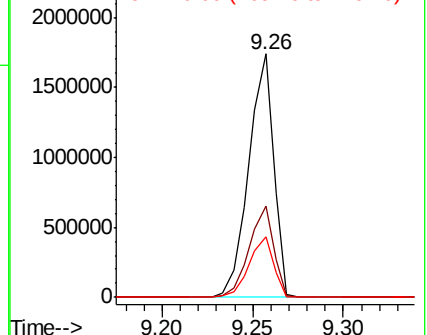
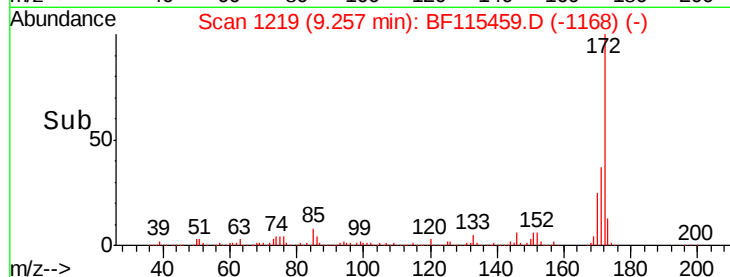
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.8
170	25.1	20.0	30.0



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: 39.090 ng

RT: 9.36 min Scan# 1236

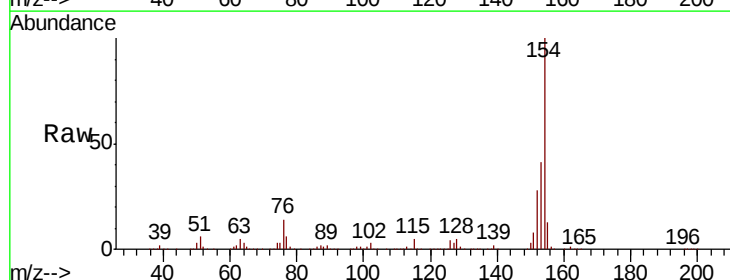
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:154 Resp: 1120005

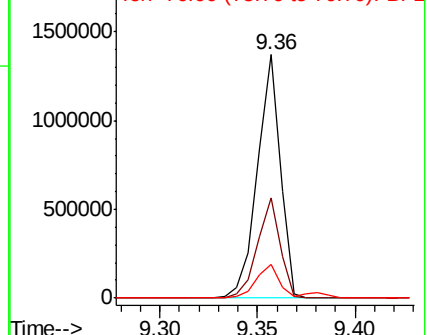
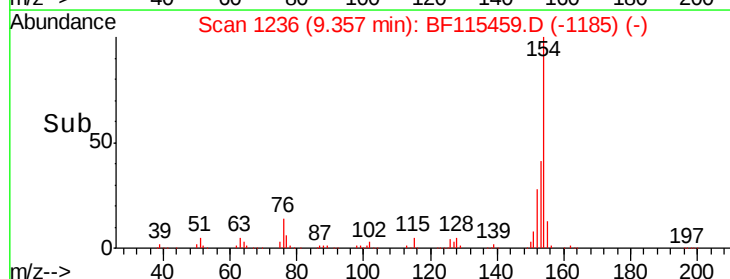
Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	13.6	0.0	34.6

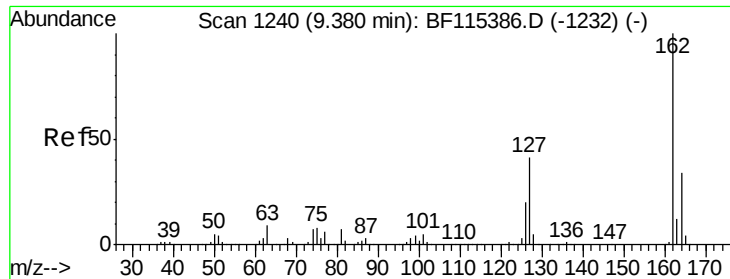


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

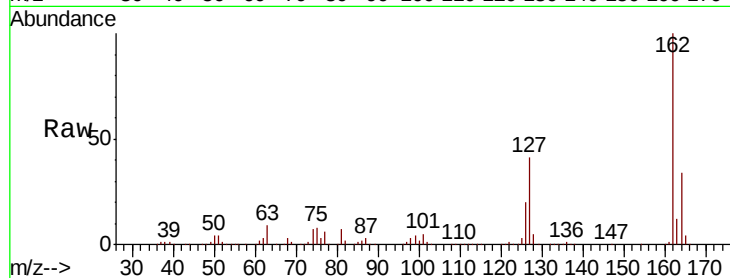




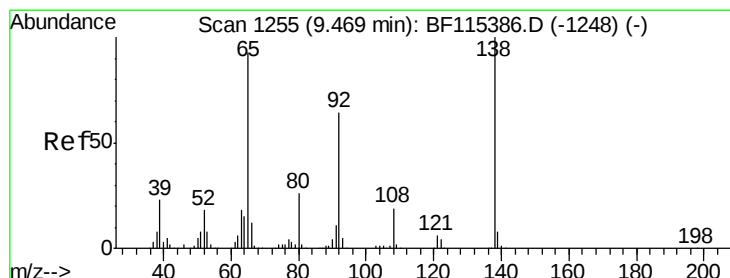
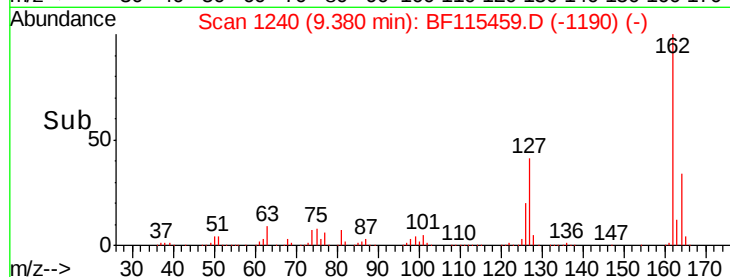
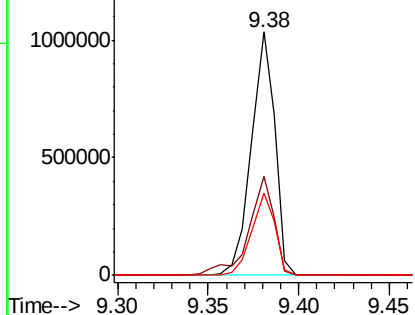
#47
 2-Chloronaphthalene
 Concen: 39.374 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.4	47.0
164	33.8	27.2	40.8

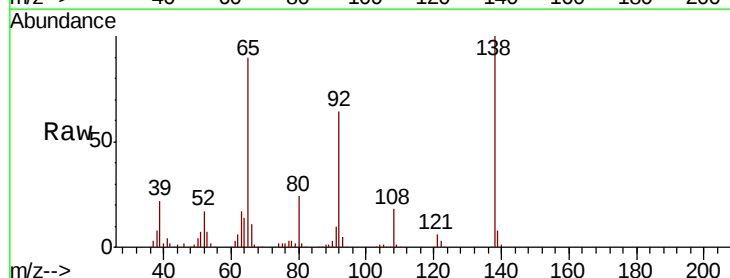


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

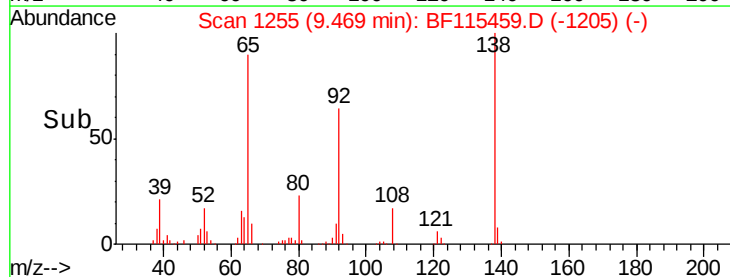
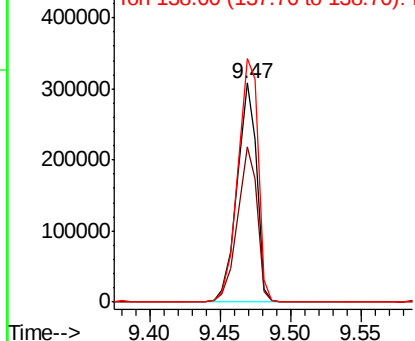


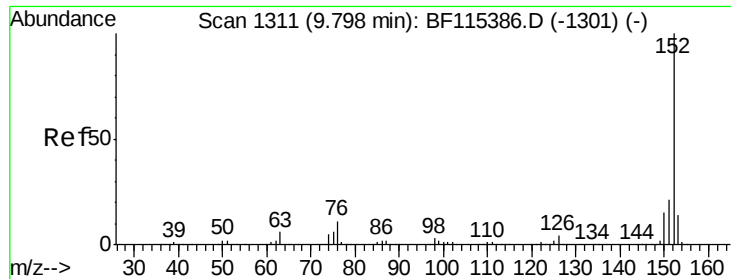
#48
 2-Nitroaniline
 Concen: 42.460 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	59.0	88.4
138	111.1	98.3	147.5



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: 38.907 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

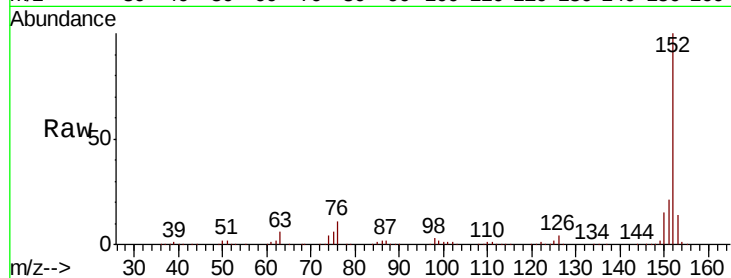
Tot Ion:152 Resp: 1394918

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

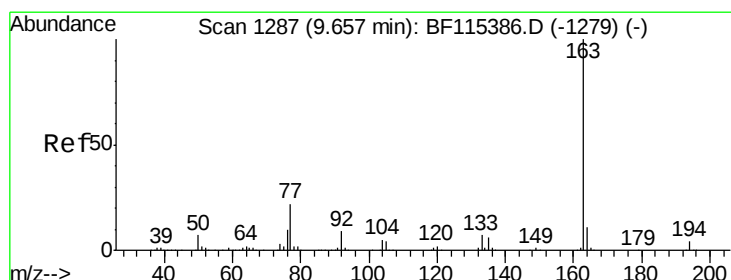
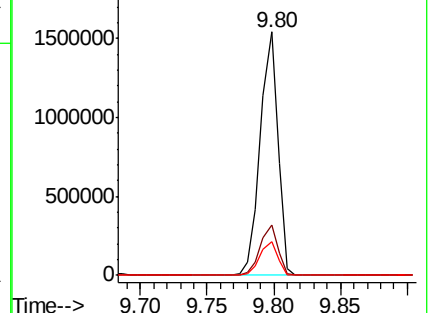
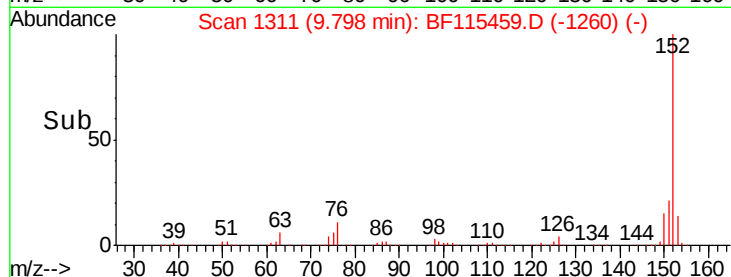
153 14.0 11.8 17.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.956 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

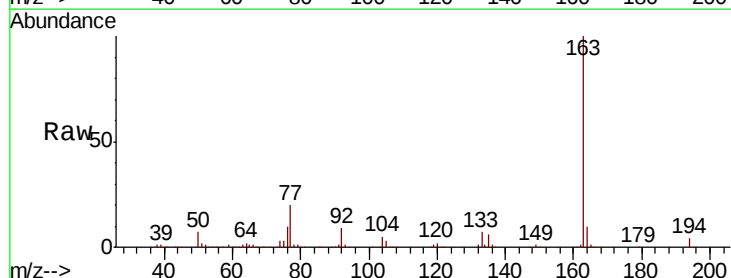
Tgt Ion:163 Resp: 1065652

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

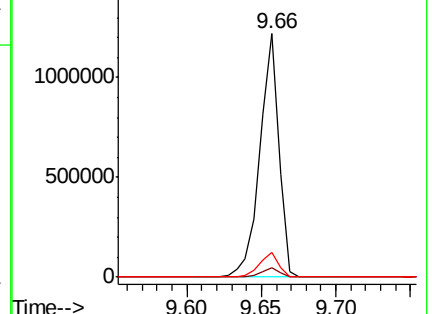
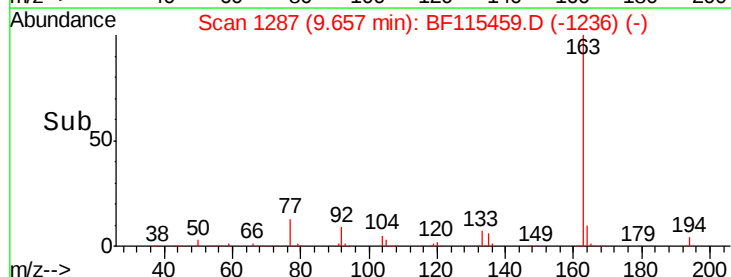
164 10.3 8.6 13.0

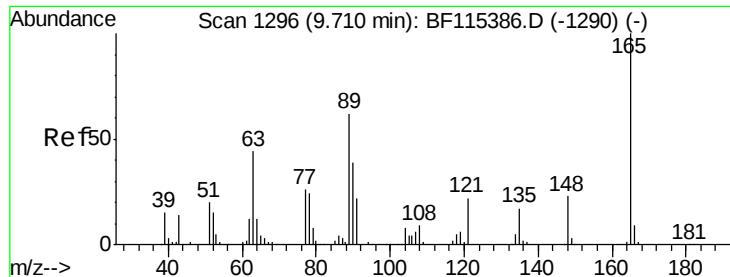


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

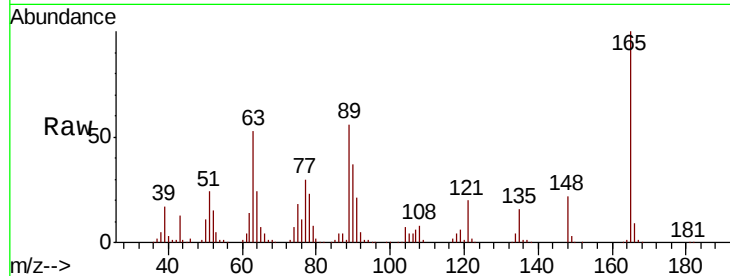




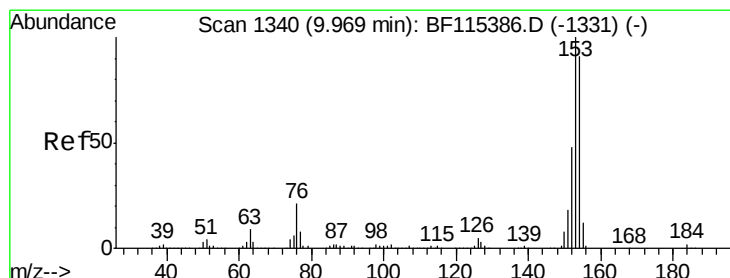
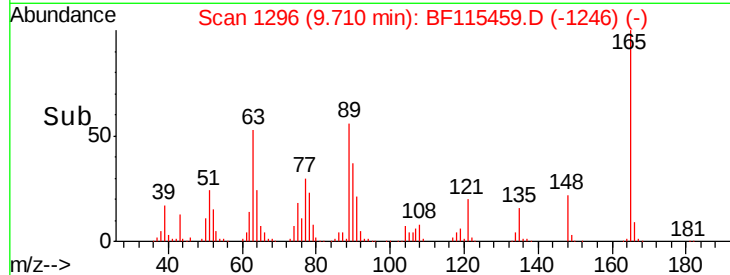
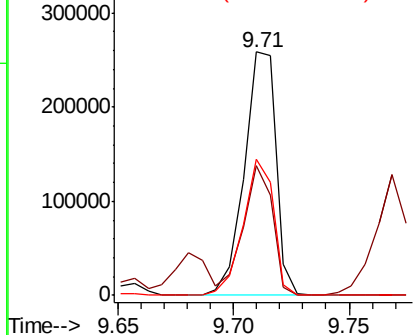
#51
2,6-Dinitrotoluene
Concen: 42.083 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 249669
Ion Ratio Lower Upper
165 100
63 53.4 39.7 59.5
89 56.0 42.8 64.2

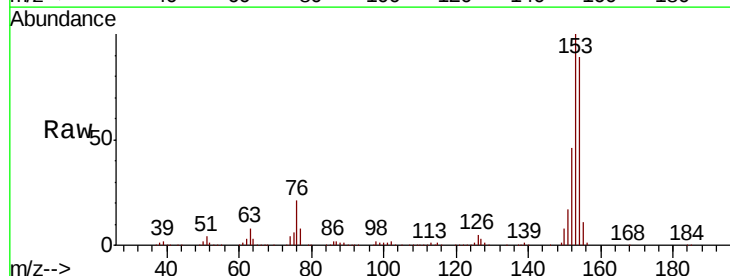


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

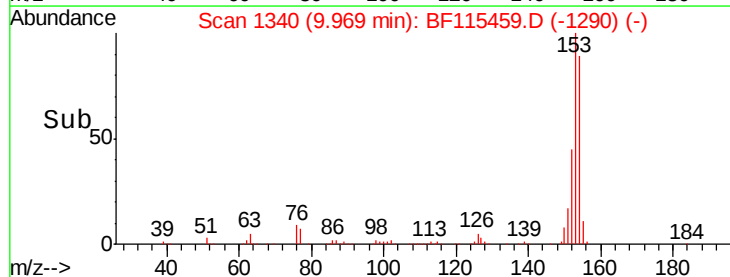
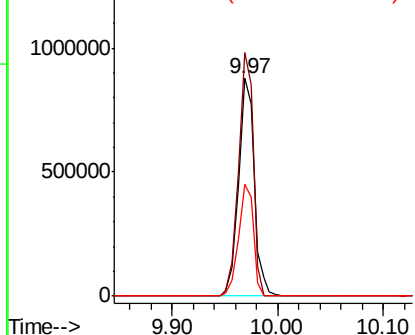


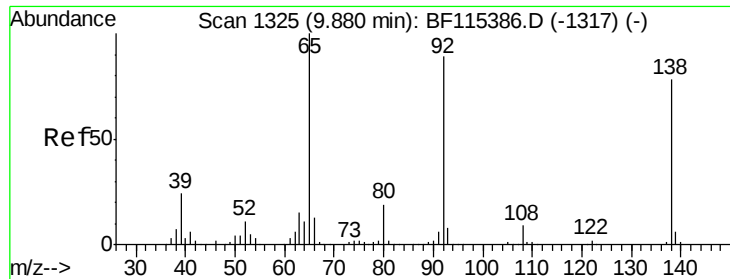
#52
Acenaphthene
Concen: 39.403 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:154 Resp: 889089
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.8
152 51.5 41.4 62.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

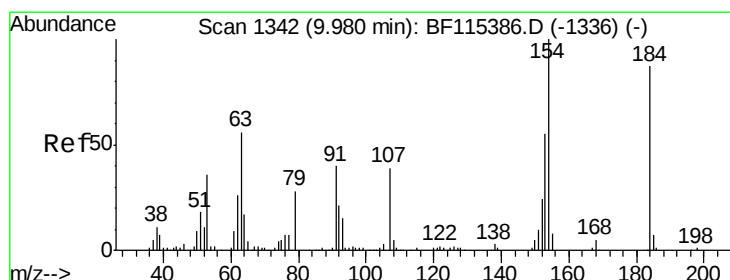
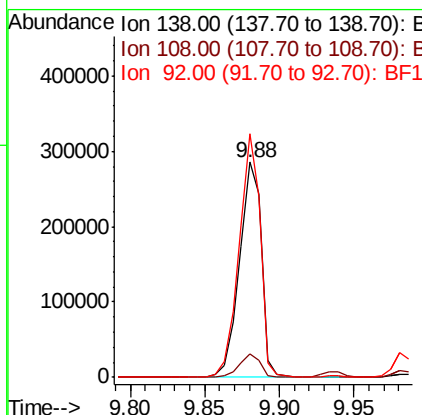
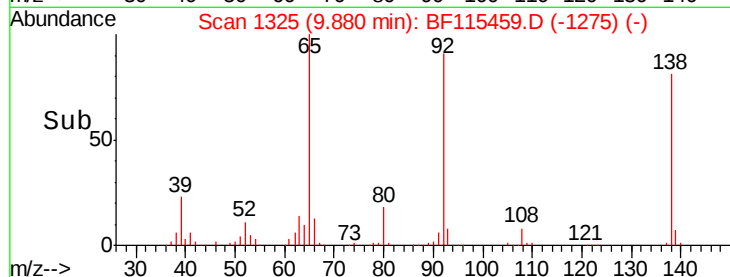
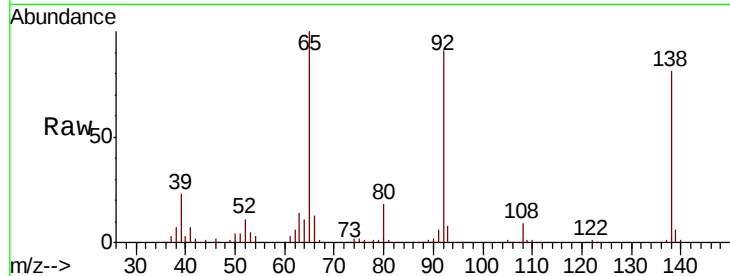




#53
 3-Nitroaniline
 Concen: 42.370 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

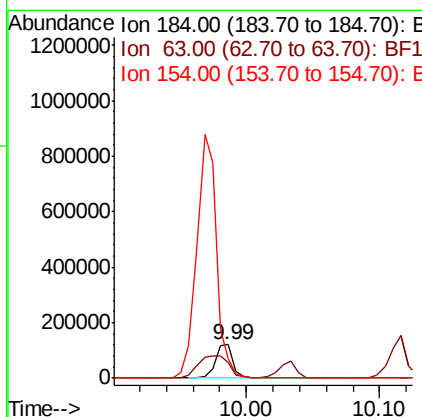
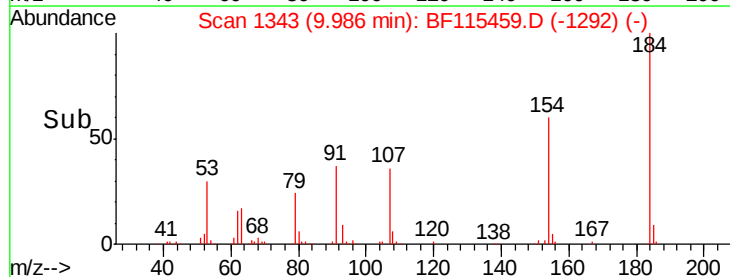
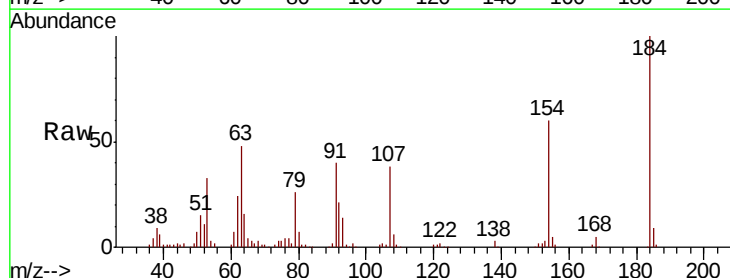
Instrument :
 BNA_F
 ClientSampleId :

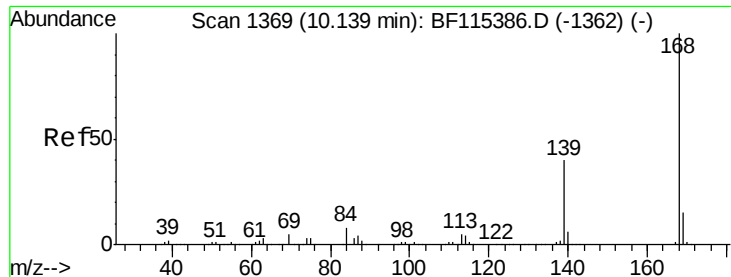
Tot Ion:138 Resp: 291953
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.5 12.7
 92 113.0 86.1 129.1



#54
 2,4-Dinitrophenol
 Concen: 48.419 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion:184 Resp: 112824
 Ion Ratio Lower Upper
 184 100
 63 47.8 45.8 68.6
 154 60.0 52.8 79.2

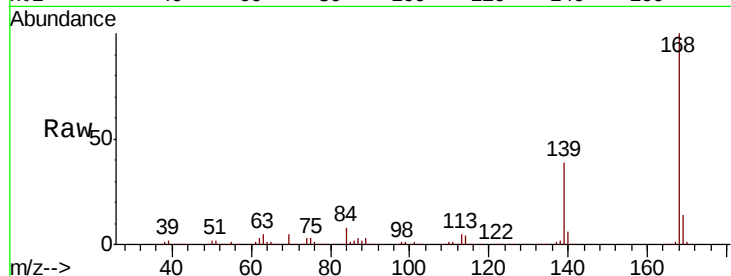




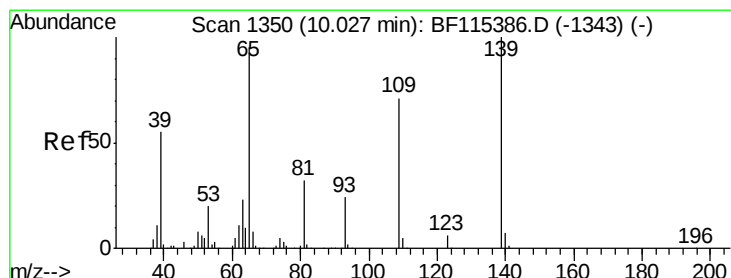
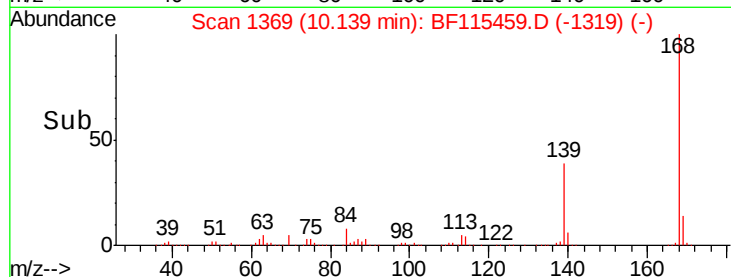
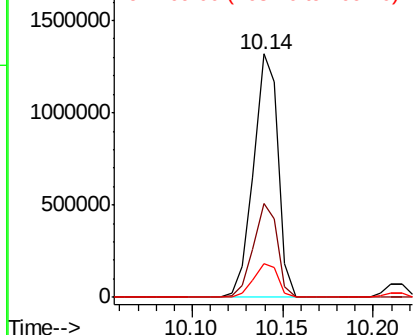
#55
Dibenzenofuran
Concen: 39.074 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1241988
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.8 11.0 16.6

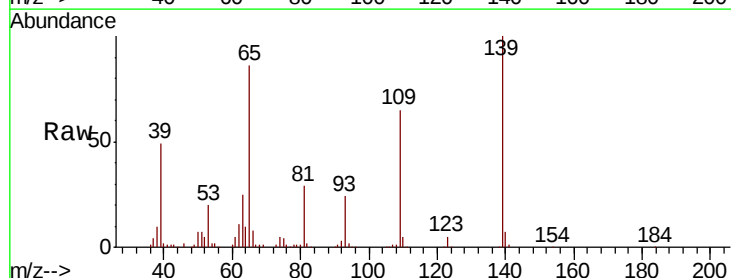


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

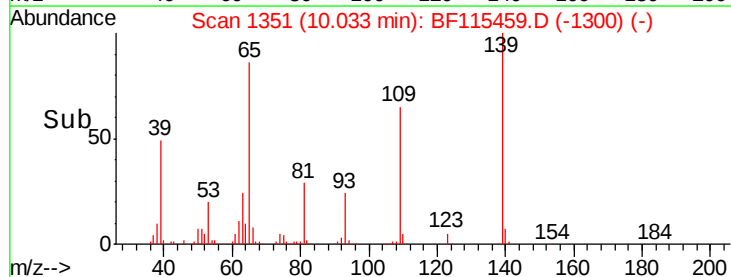
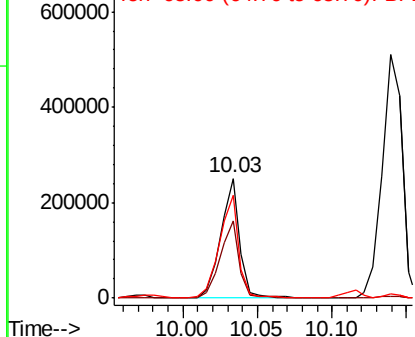


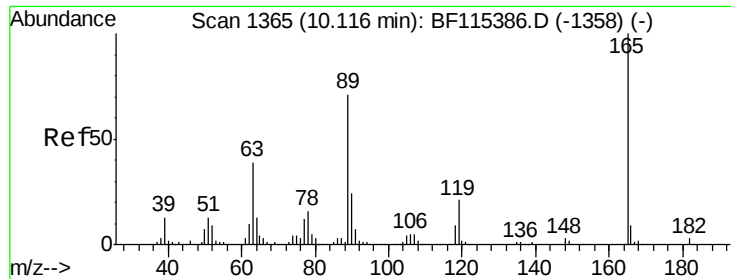
#56
4-Nitrophenol
Concen: 42.206 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:139 Resp: 225007
Ion Ratio Lower Upper
139 100
109 64.6 46.4 86.4
65 86.0 73.4 113.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

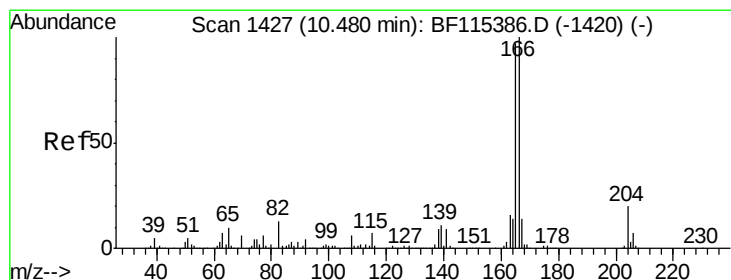
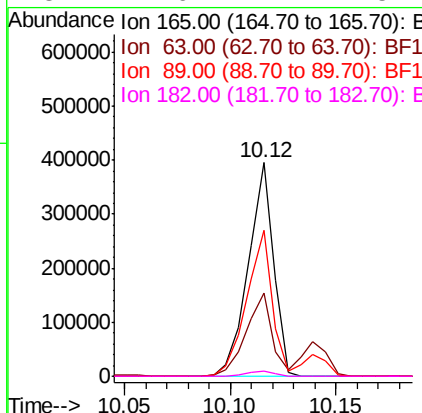
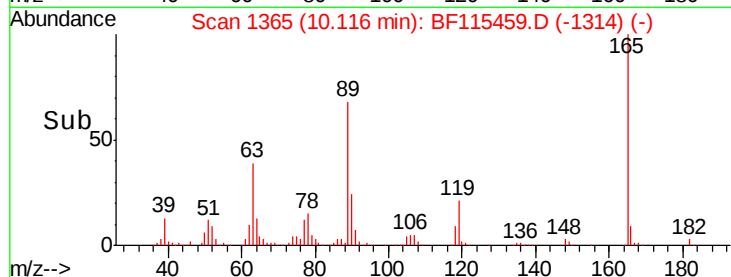
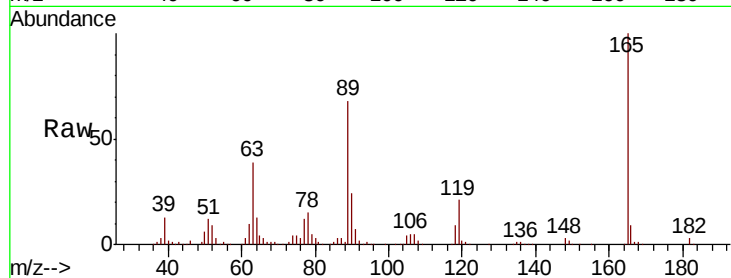




#57
2,4-Dinitrotoluene
Concen: 43.837 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

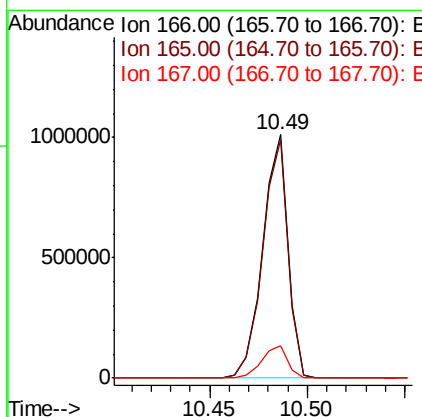
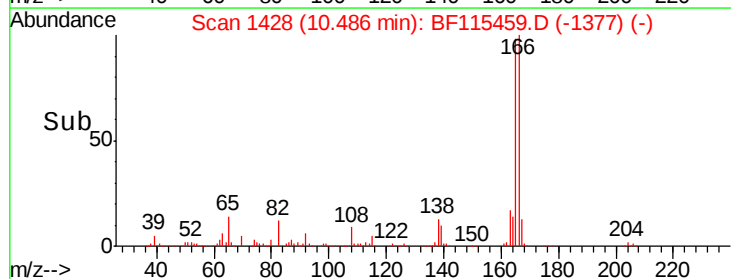
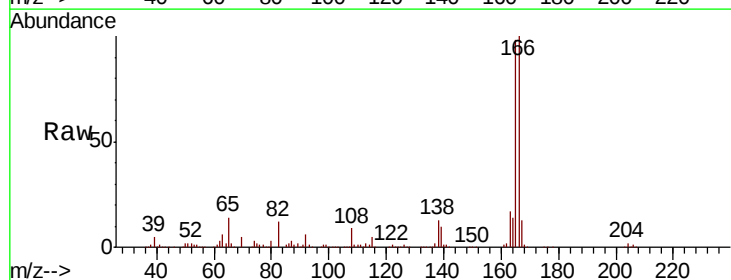
Instrument :
BNA_F
ClientSampleId :

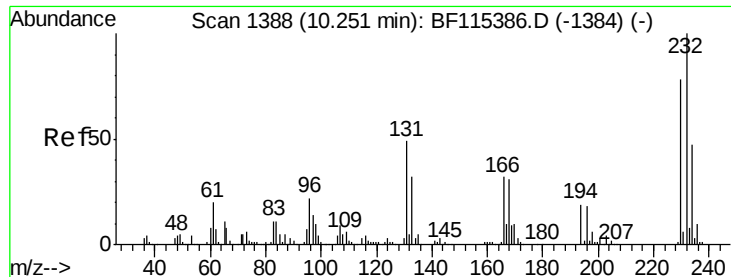
Tot Ion:	165	Resp:	330516
Ion	Ratio	Lower	Upper
165	100		
63	38.8	33.0	49.4
89	68.2	58.5	87.7
182	2.6	2.1	3.1



#58
Fluorene
Concen: 36.160 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:	166	Resp:	906052
Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.7	118.1
167	13.4	10.8	16.2

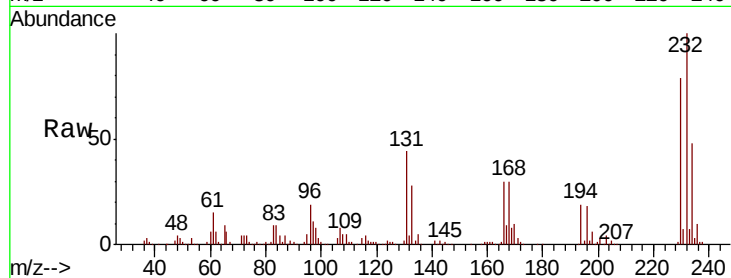




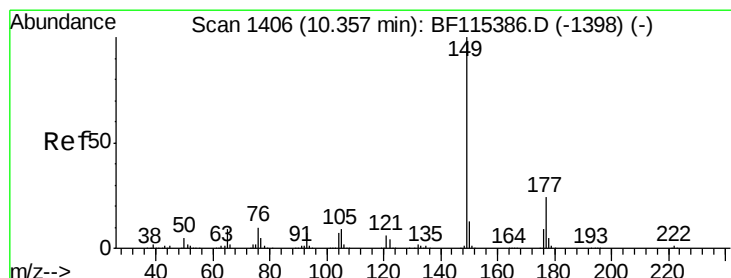
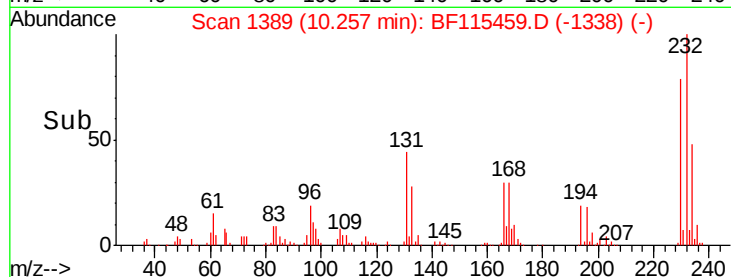
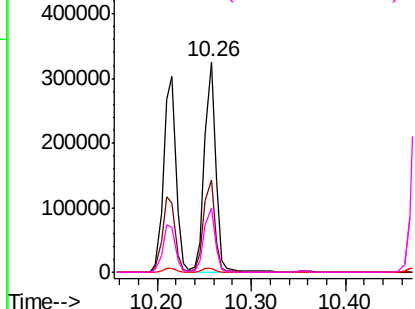
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.828 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 272331
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.0
130 2.2 1.7 2.5
166 30.7 24.8 37.2

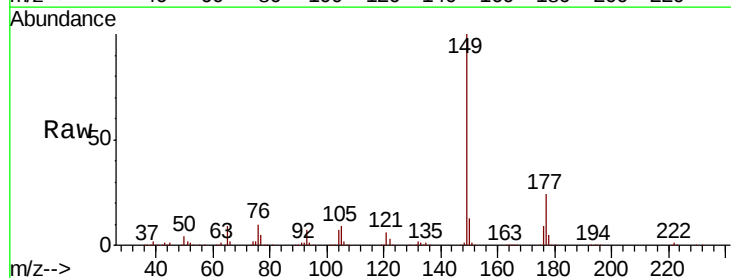


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

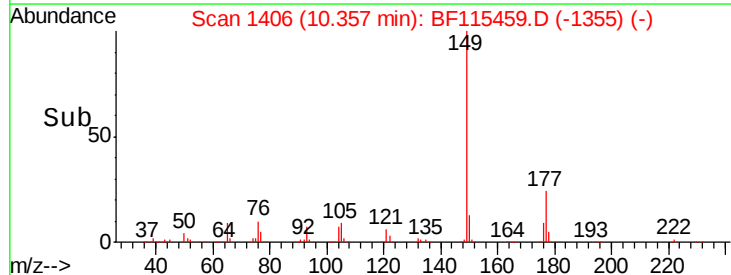
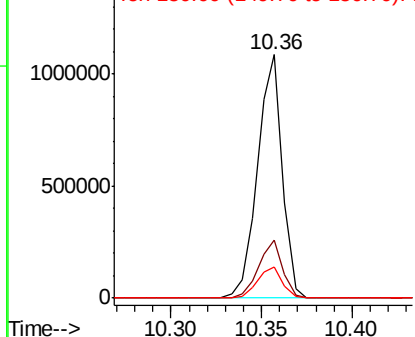


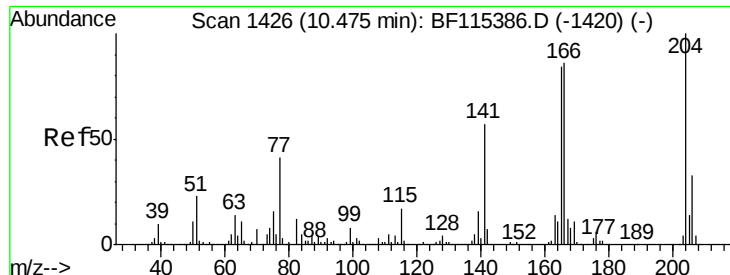
#60
Diethylphthalate
Concen: 38.009 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:149 Resp: 1023414
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 12.7 10.4 15.6



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

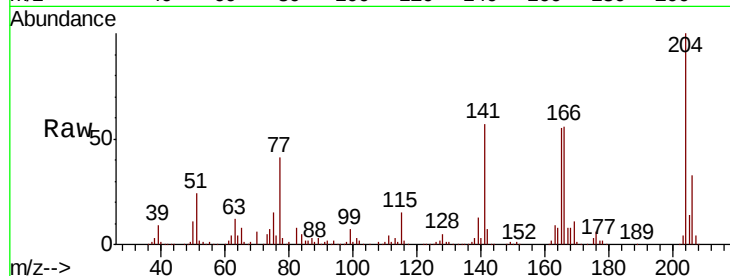




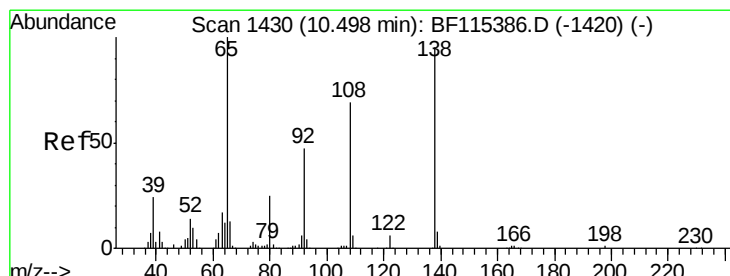
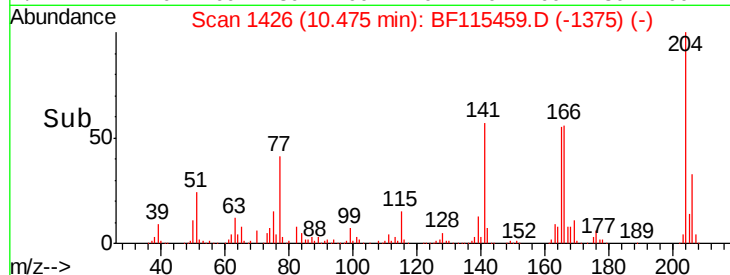
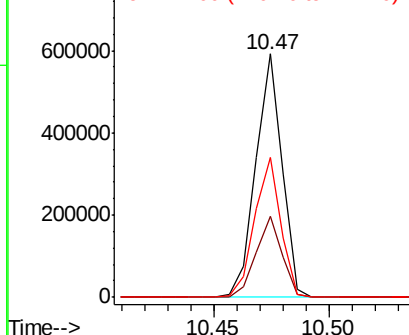
#61
 4-Chlorophenyl-phenylether
 Concen: 38.525 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.8	40.2
141	57.3	47.9	71.9

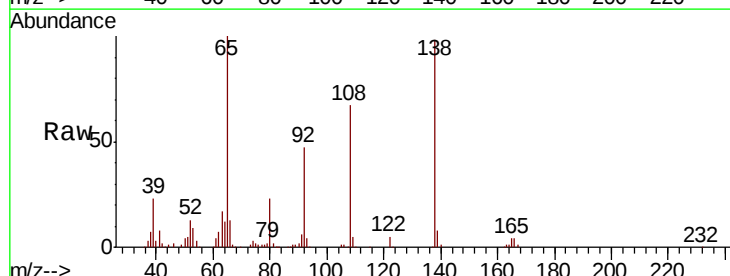


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

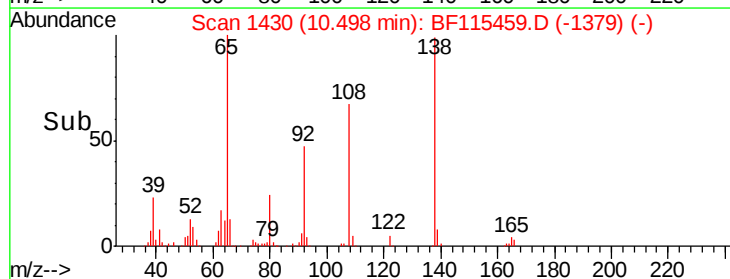
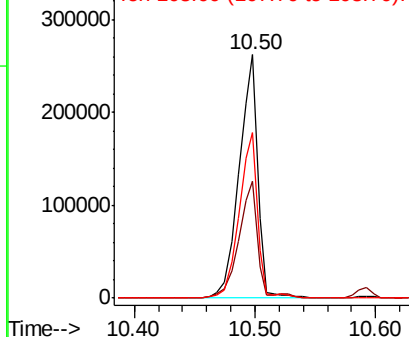


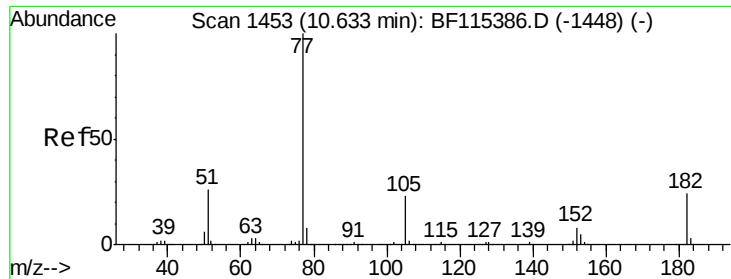
#62
 4-Nitroaniline
 Concen: 41.802 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115459.D
 Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	29.9	69.9
108	68.1	49.0	89.0



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

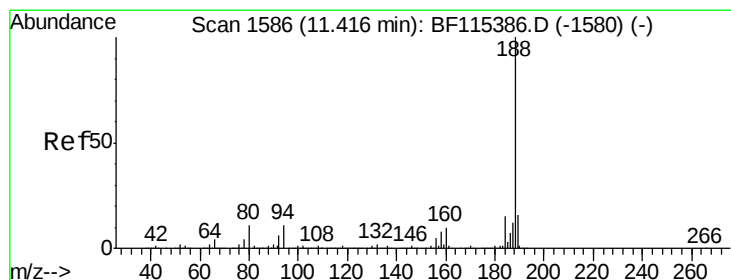
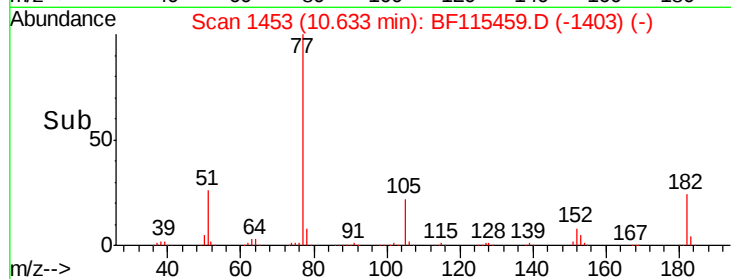
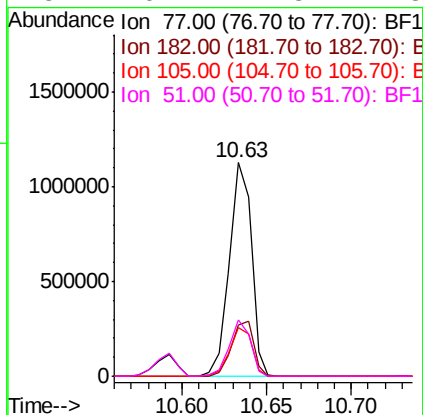
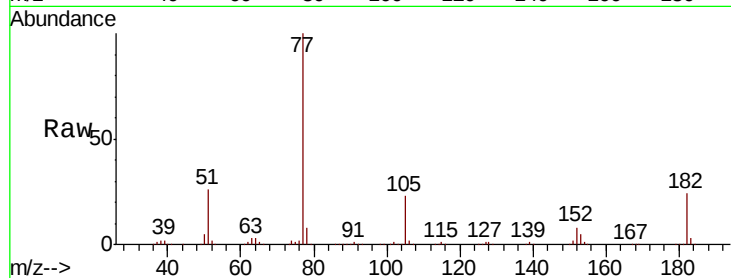




#63
Azobenzene
Concen: 36.770 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

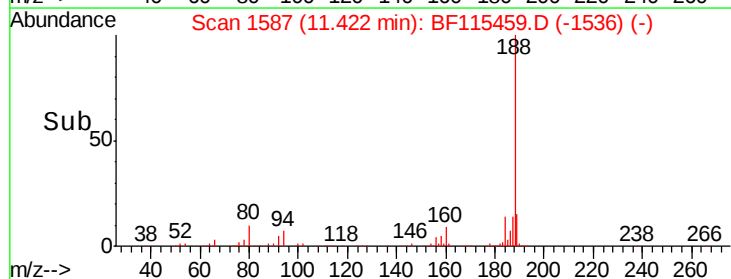
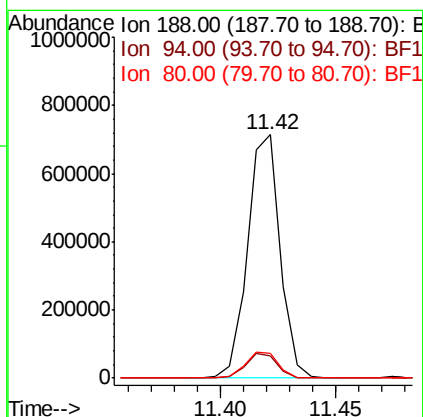
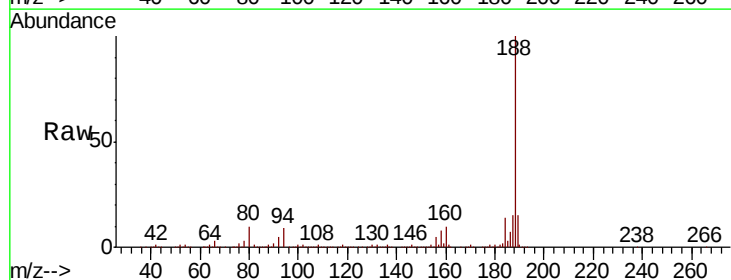
Instrument :
BNA_F
ClientSampleId :

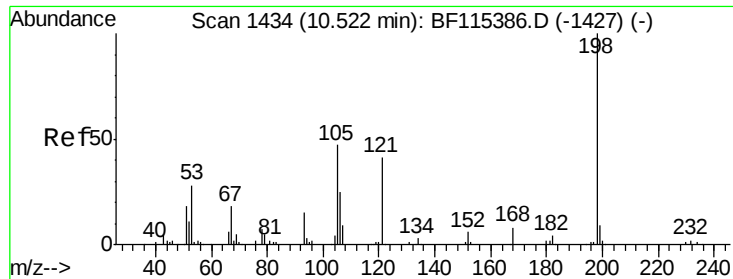
Tot Ion: 77 Resp: 1020556
Ion Ratio Lower Upper
77 100
182 24.2 7.7 47.7
105 22.7 3.6 43.6
51 26.1 4.8 44.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion: 188 Resp: 702511
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 9.9 8.4 12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 47.675 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

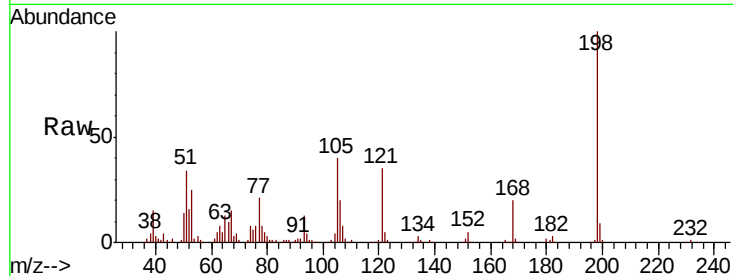
Tot Ion:198 Resp: 160149

Ion Ratio Lower Upper

198 100

51 34.5 20.7 60.7

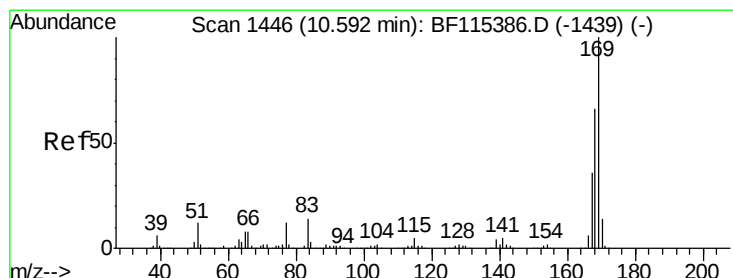
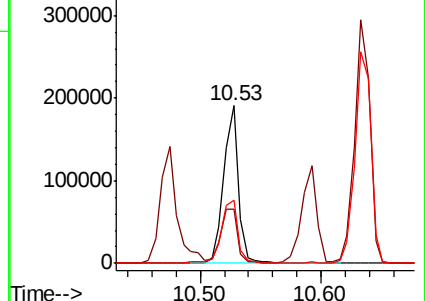
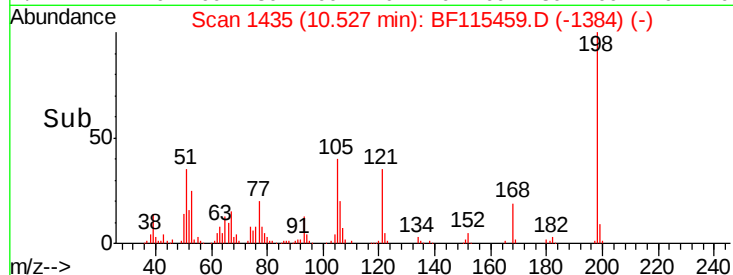
105 39.8 25.3 65.3



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: 38.904 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

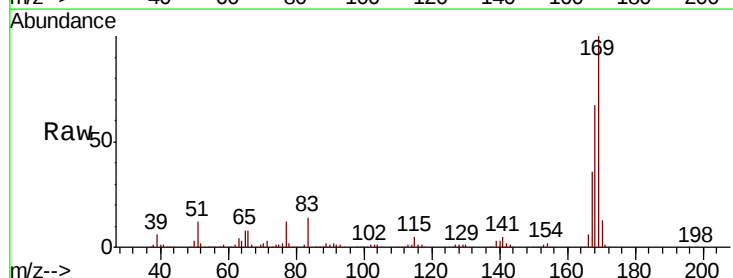
Tgt Ion:169 Resp: 861141

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

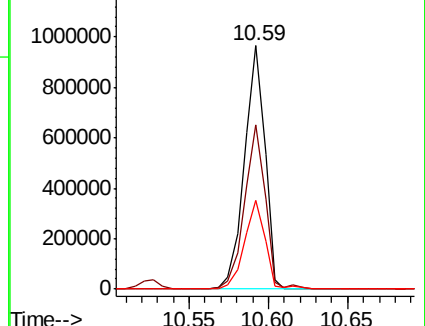
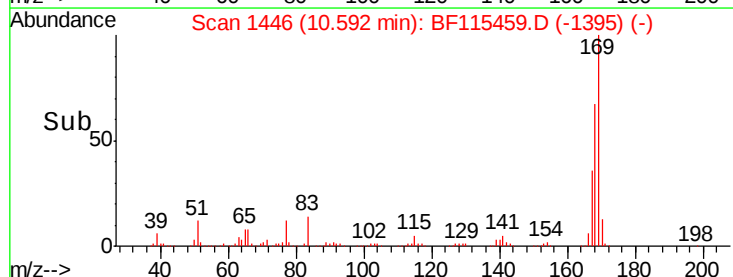
167 36.5 29.4 44.2

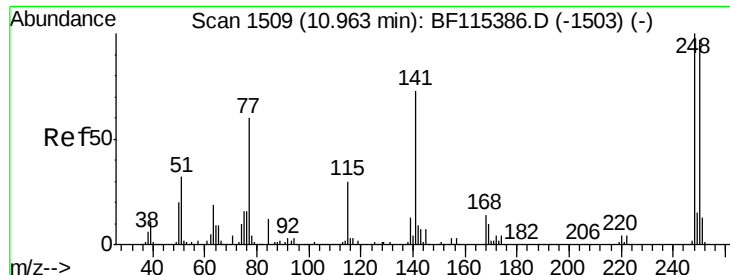


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

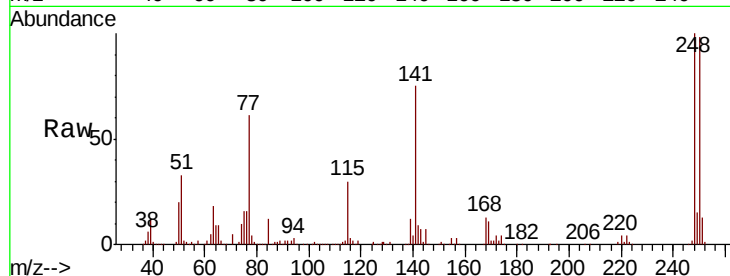




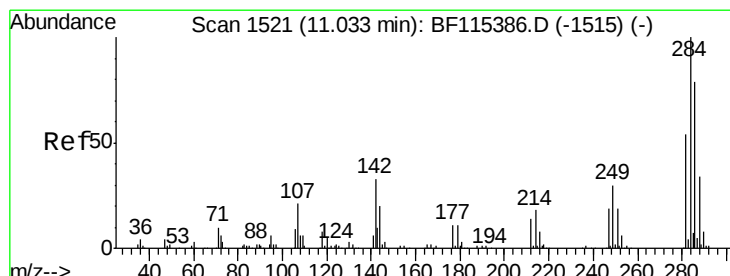
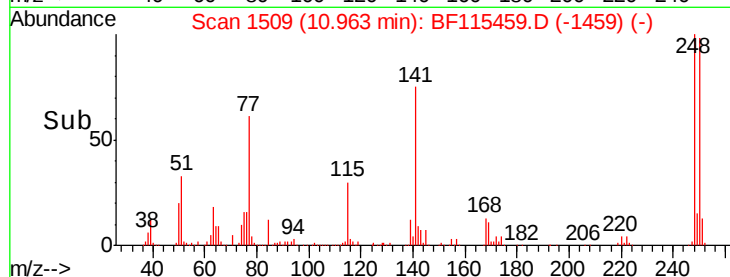
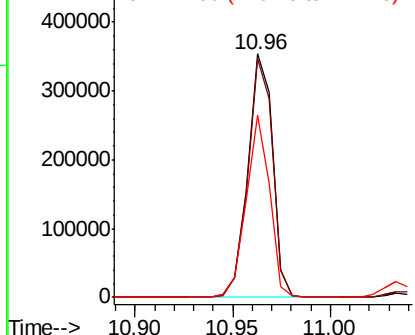
#67
4-Bromophenyl-phenylether
Concen: 39.592 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 312093
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 74.8 52.2 78.2

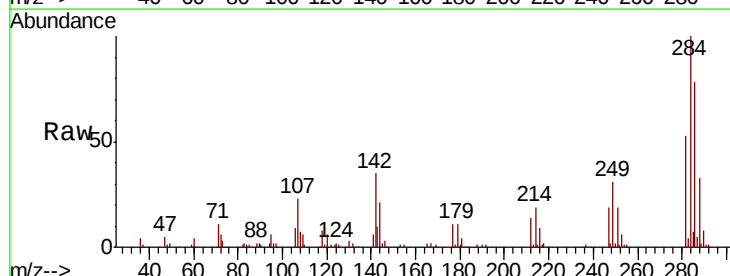


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

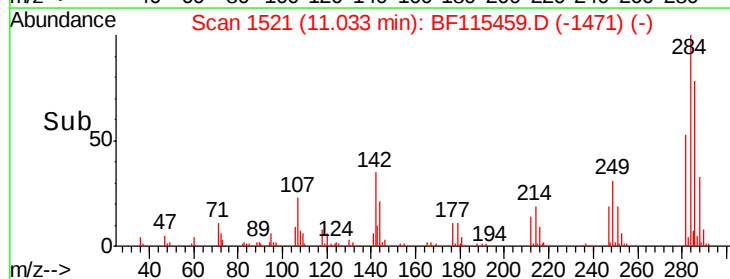
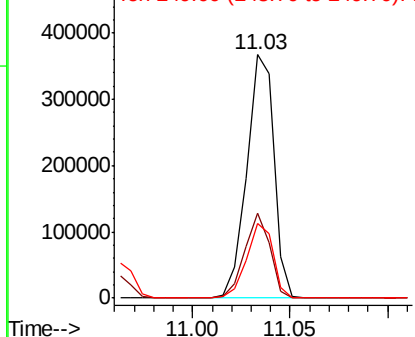


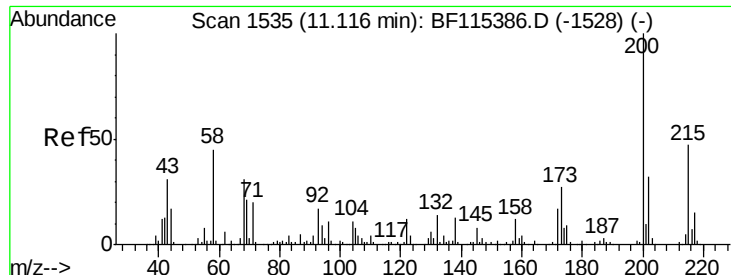
#68
Hexachlorobenzene
Concen: 40.165 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:284 Resp: 355275
Ion Ratio Lower Upper
284 100
142 35.1 23.9 35.9
249 30.7 23.6 35.4



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

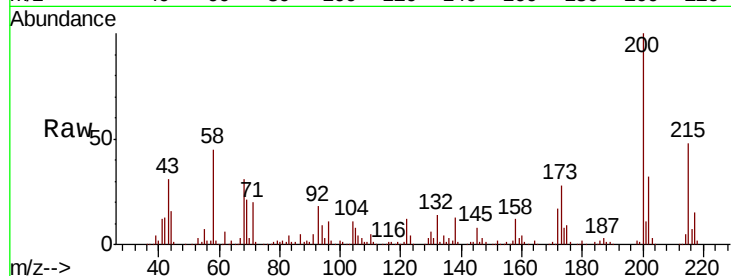




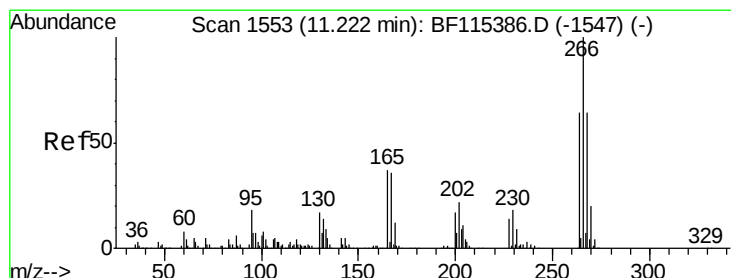
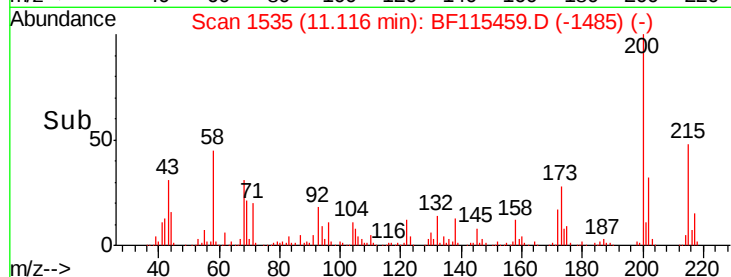
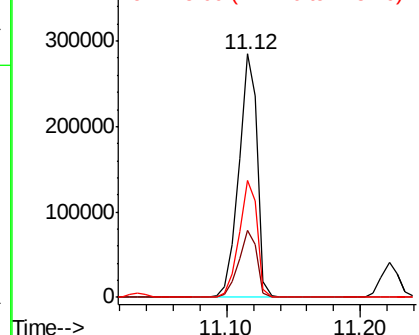
#69
Atrazine
Concen: 40.373 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.0	47.0
215	48.0	27.8	67.8

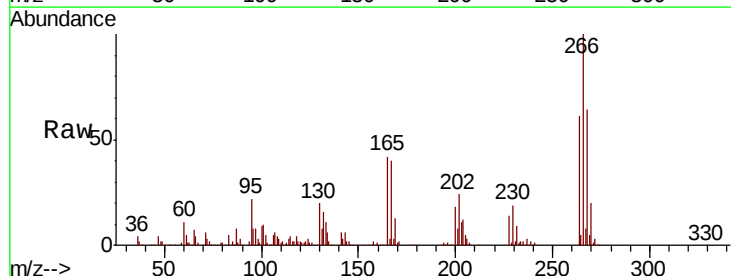


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

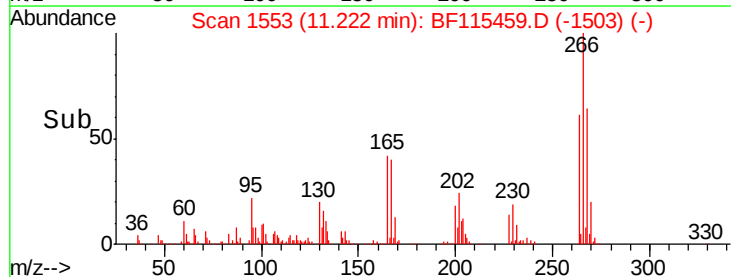
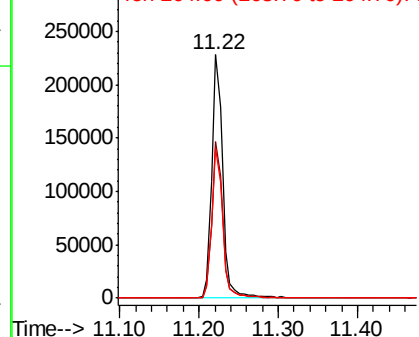


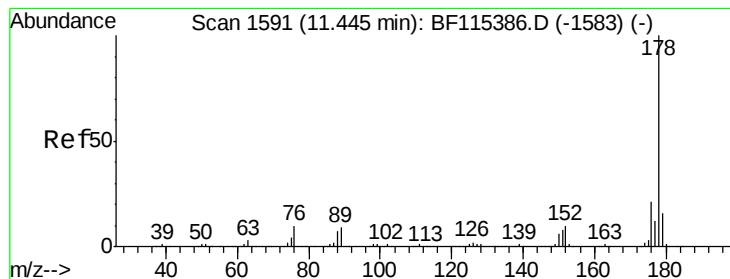
#70
Pentachlorophenol
Concen: 41.198 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	61.5	50.6	75.8



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: 38.515 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

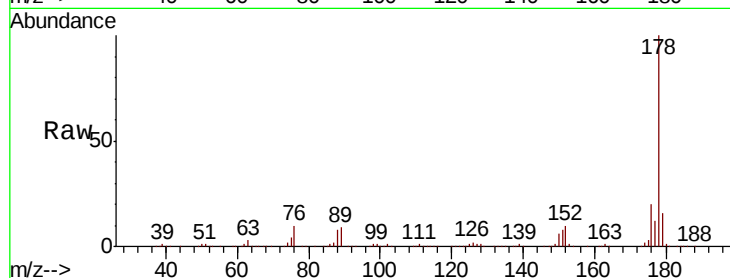
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1423004

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	24.8
179	16.3	12.7	19.1

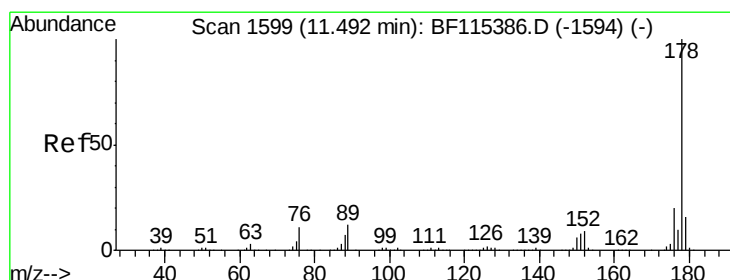
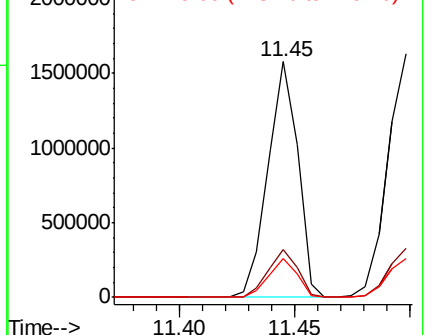
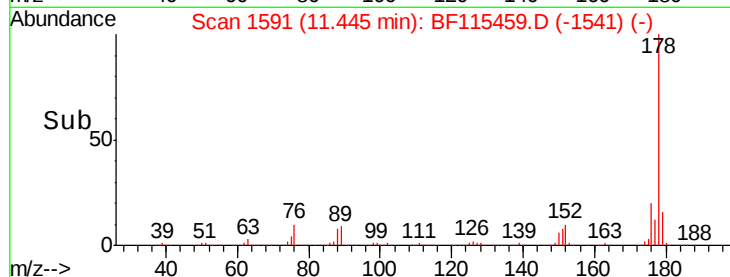


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.095 ng

RT: 11.50 min Scan# 1600

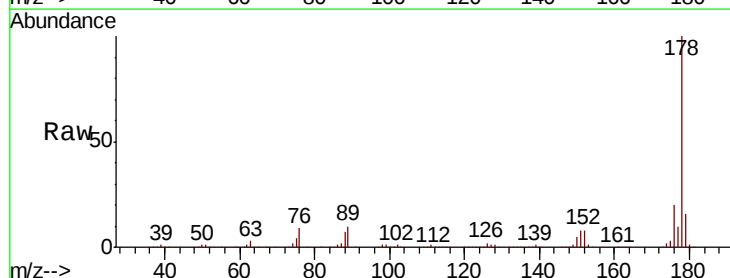
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:178 Resp: 1448443

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.2	13.0	19.6

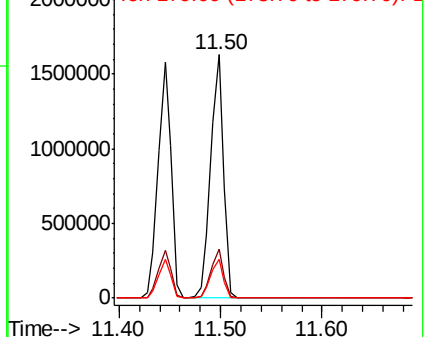
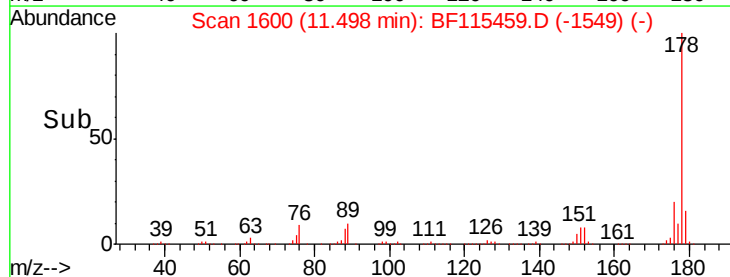


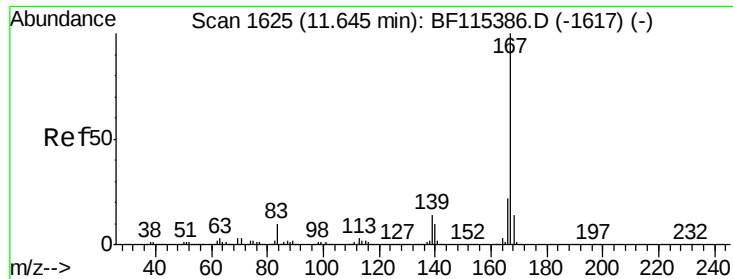
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.959 ng

RT: 11.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

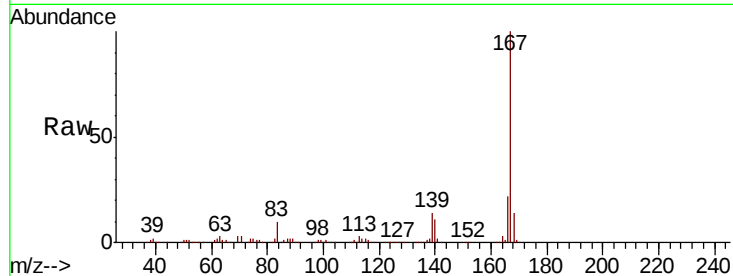
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1320488

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.9	10.9	16.3

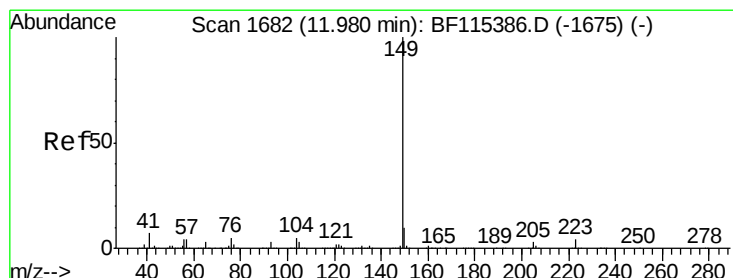
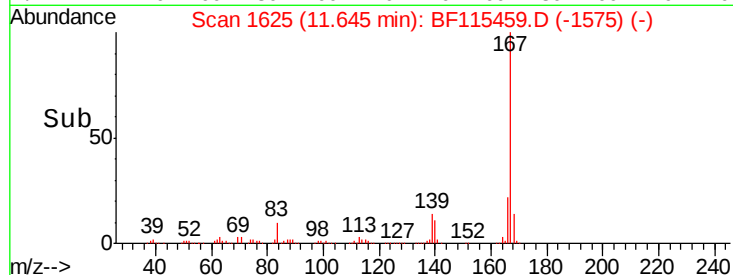
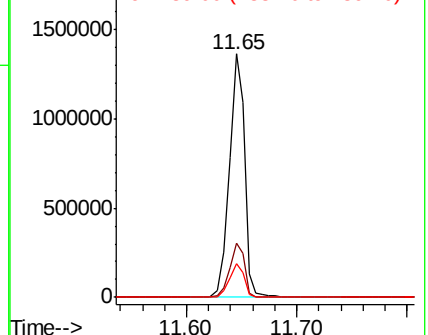


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.133 ng

RT: 11.98 min Scan# 1682

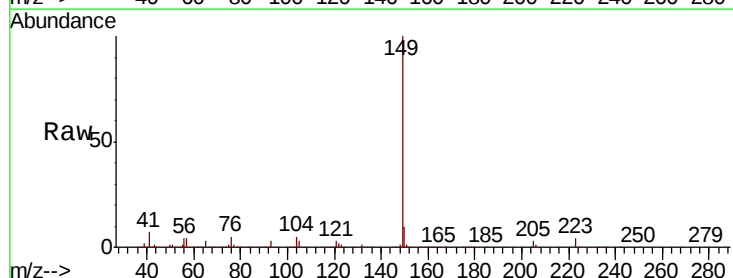
Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:149 Resp: 1562059

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	5.2	3.9	5.9

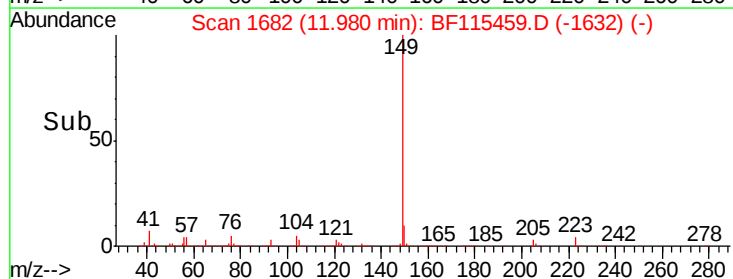
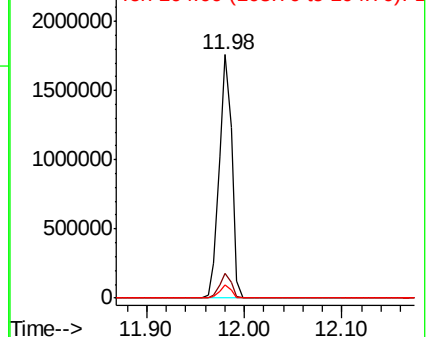


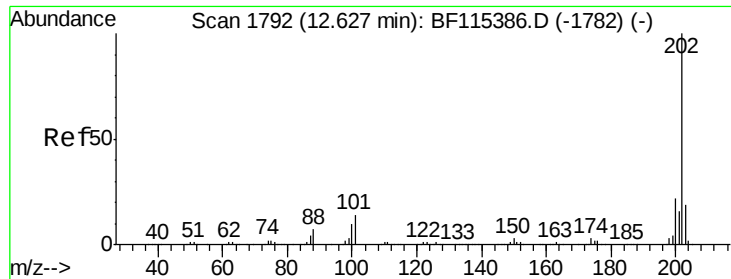
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

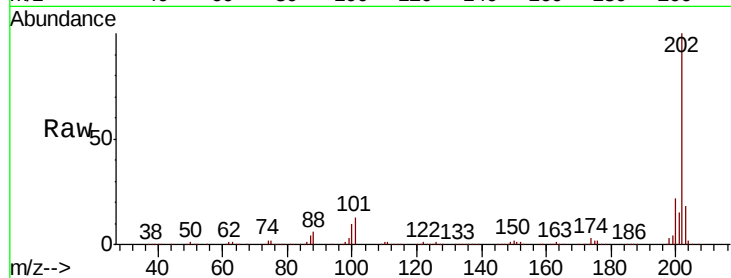




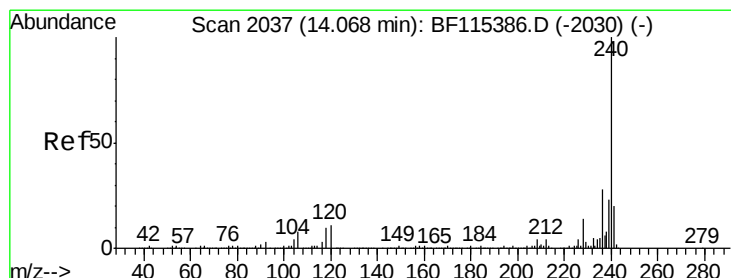
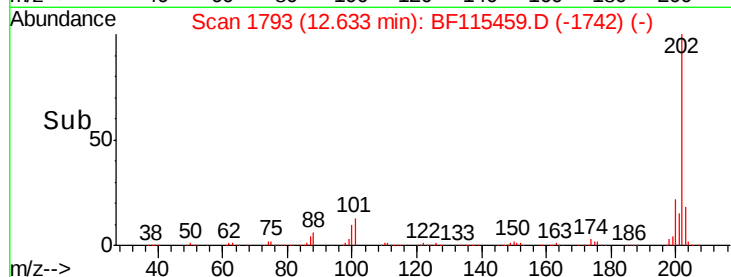
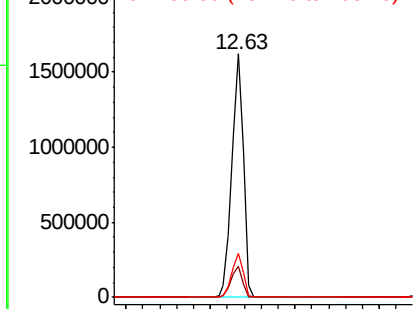
#75
Fluoranthene
Concen: 38.732 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1506741
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.9
203 18.0 0.0 38.4

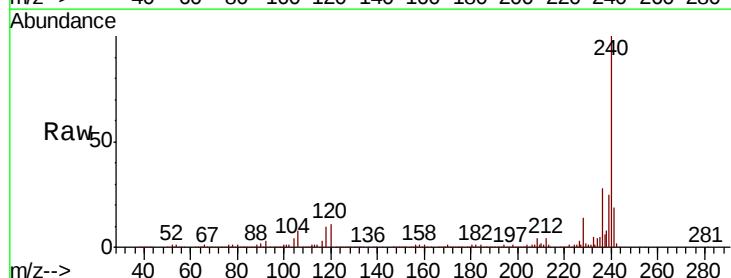


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

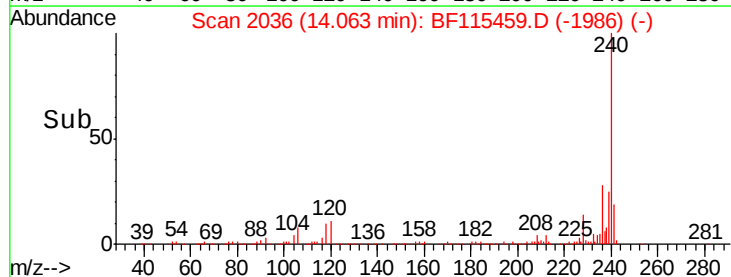
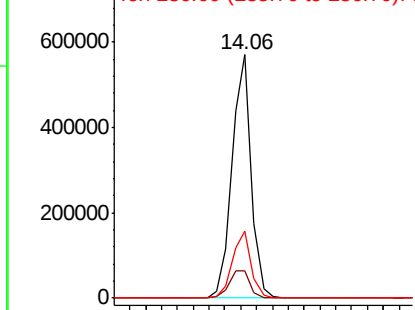


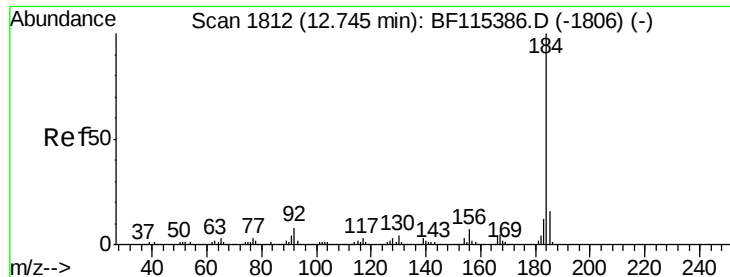
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:240 Resp: 475807
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 27.5 21.1 31.7



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: 37.447 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

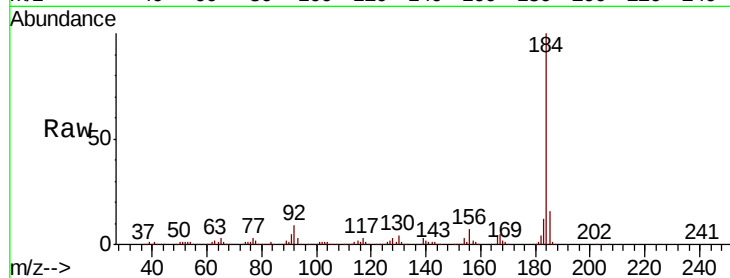
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 694817

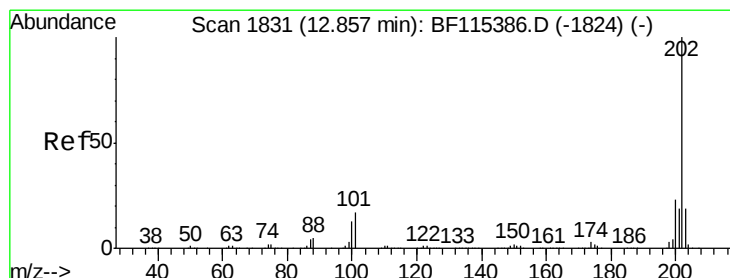
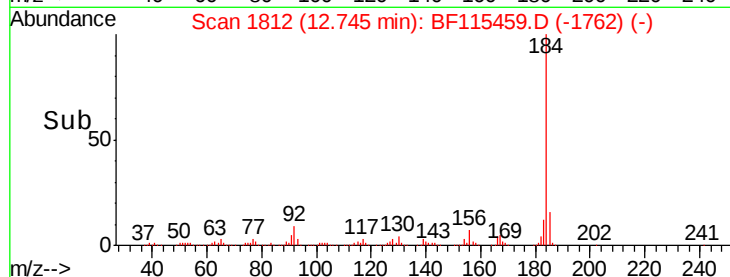
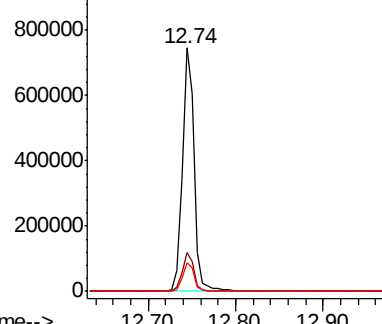
Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.0	19.6
183	11.7	9.7	14.5



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: 41.157 ng

RT: 12.86 min Scan# 1832

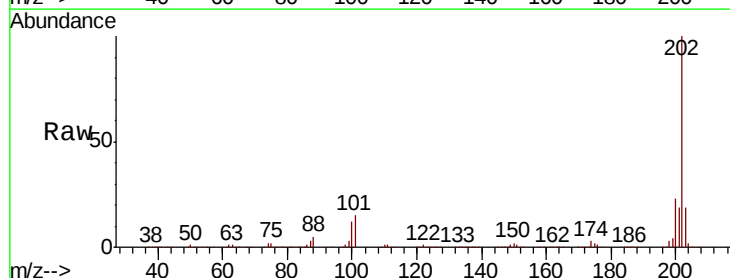
Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Tgt Ion:202 Resp: 1522853

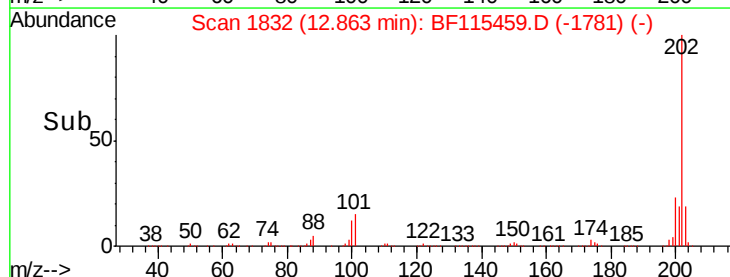
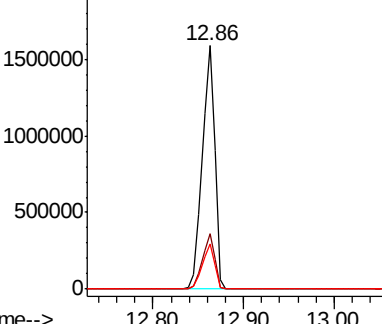
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.6	14.7	22.1

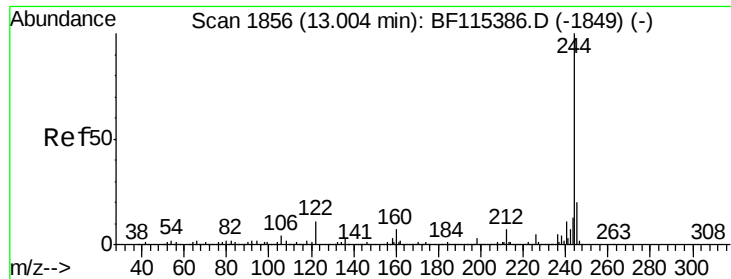


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.219 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampled :

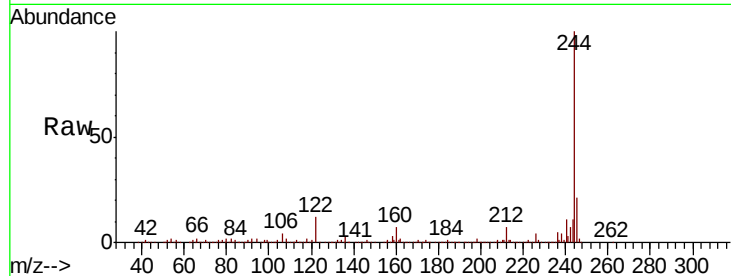
Tot Ion:244 Resp: 1910638

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.8 9.1 13.7

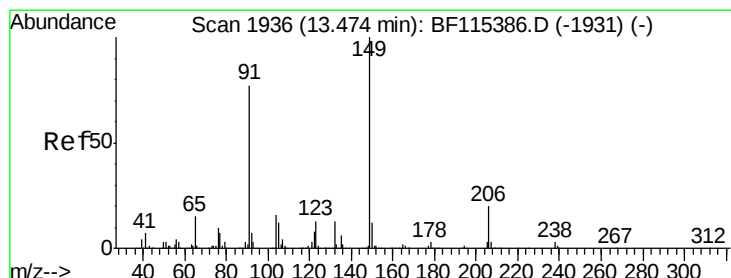
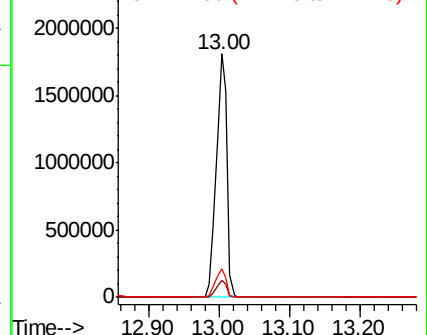
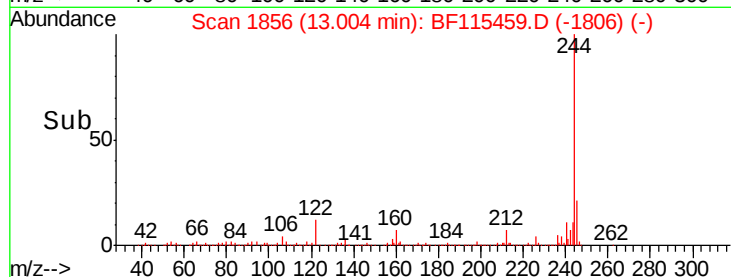


Abundance

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: 39.856 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

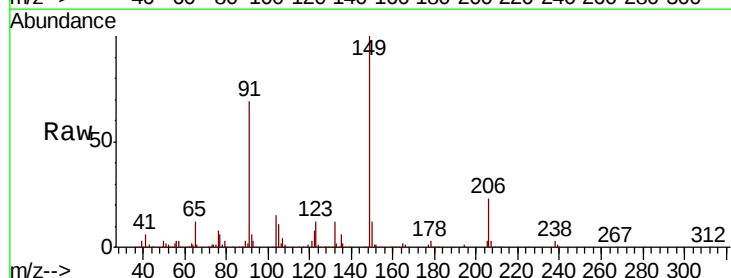
Tgt Ion:149 Resp: 644337

Ion Ratio Lower Upper

149 100

91 69.1 57.8 86.6

206 23.1 16.9 25.3

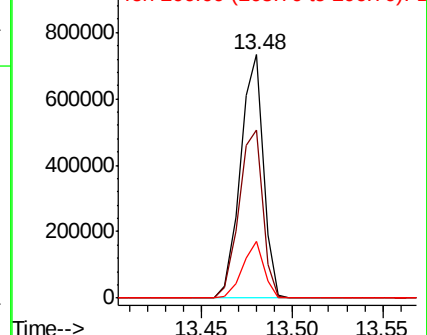
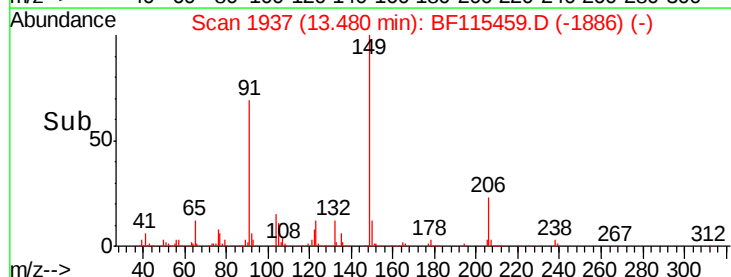


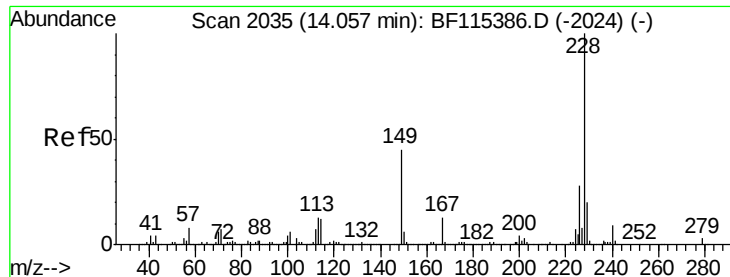
Abundance

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: 40.018 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

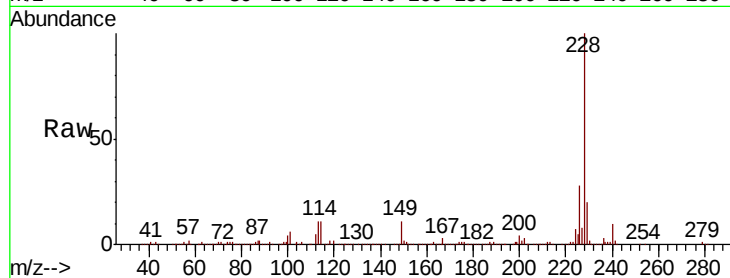
Tot Ion:228 Resp: 1220006

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

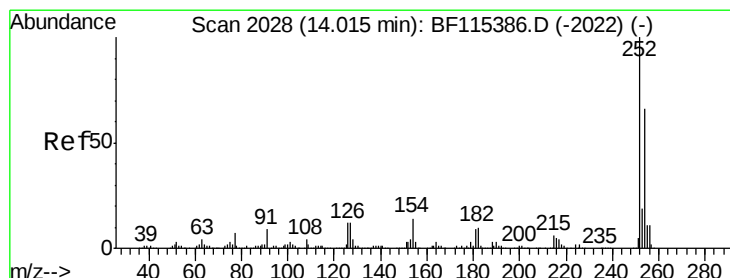
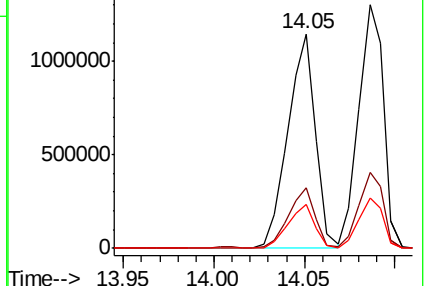
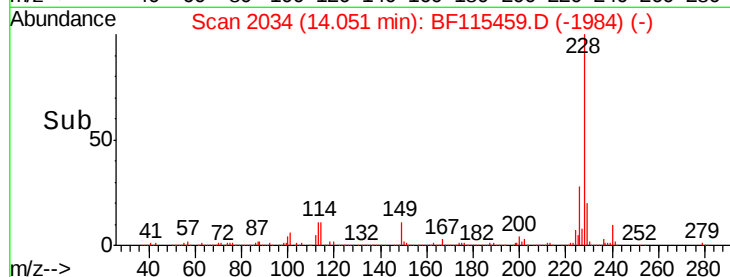
229 20.3 16.4 24.6



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: 41.215 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

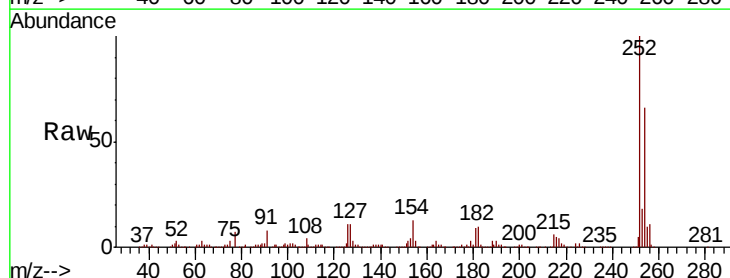
Tgt Ion:252 Resp: 455933

Ion Ratio Lower Upper

252 100

254 65.5 52.9 79.3

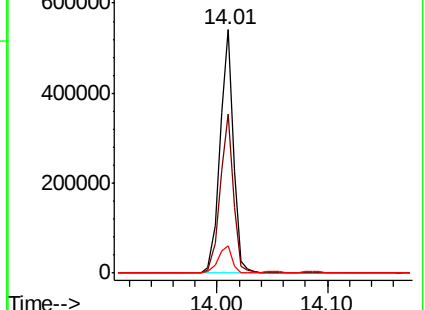
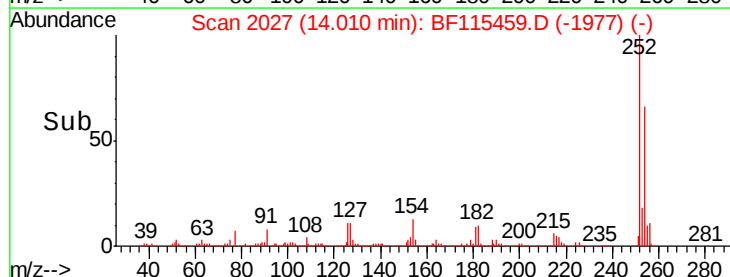
126 11.0 10.0 15.0

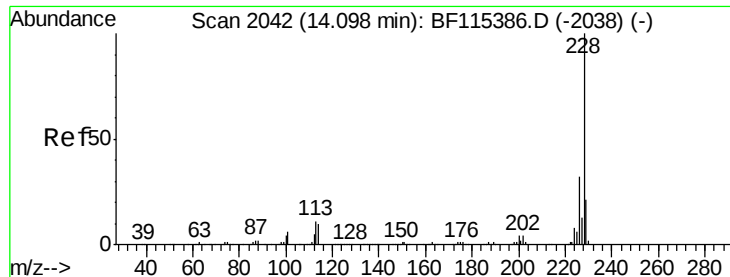


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.662 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

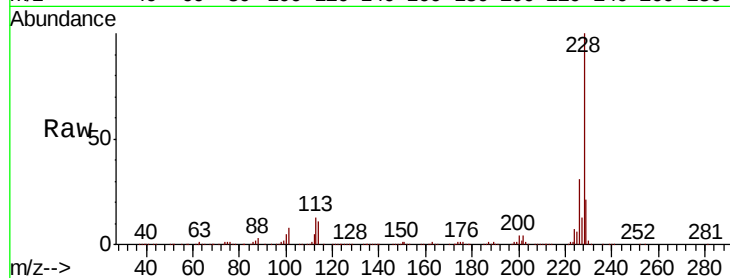
Tot Ion:228 Resp: 1242383

Ion Ratio Lower Upper

228 100

226 31.3 25.1 37.7

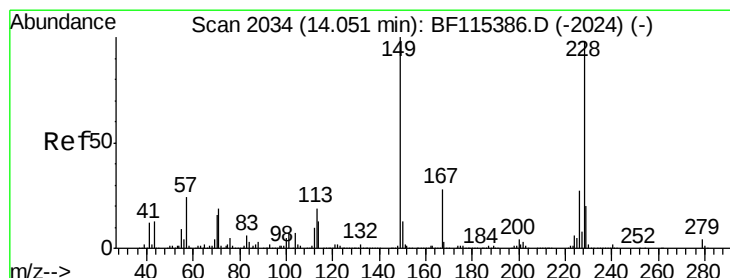
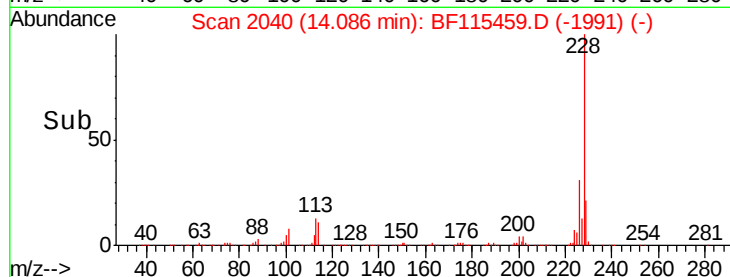
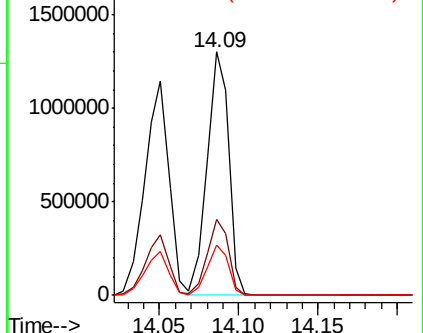
229 20.6 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.355 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

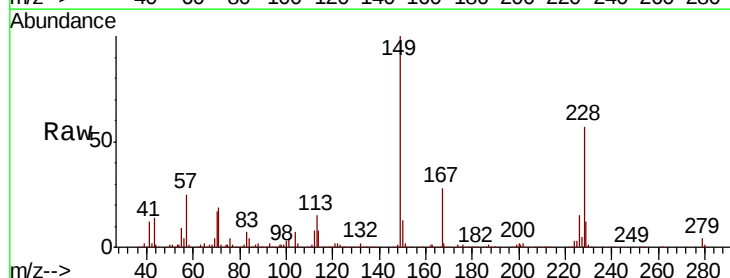
Tgt Ion:149 Resp: 787919

Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

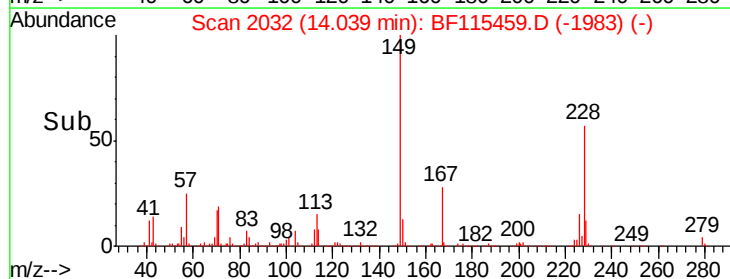
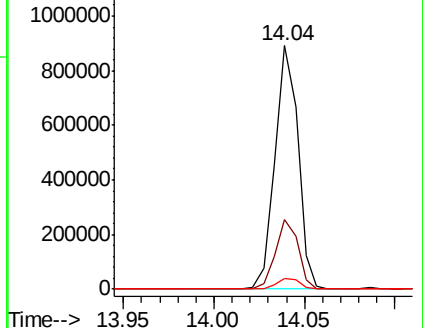
279 4.2 3.8 5.6

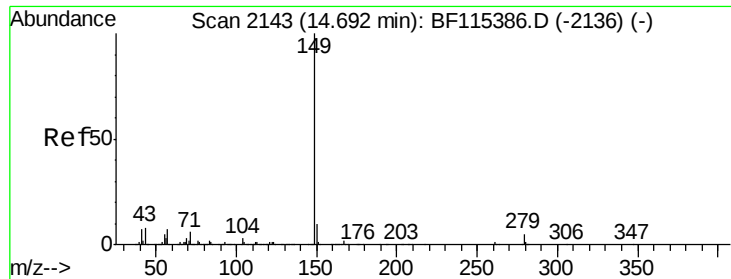


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.856 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

Instrument :

BNA_F

ClientSampleId :

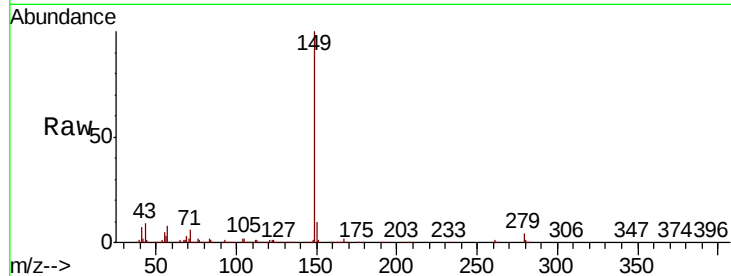
Tot Ion:149 Resp: 1313596

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

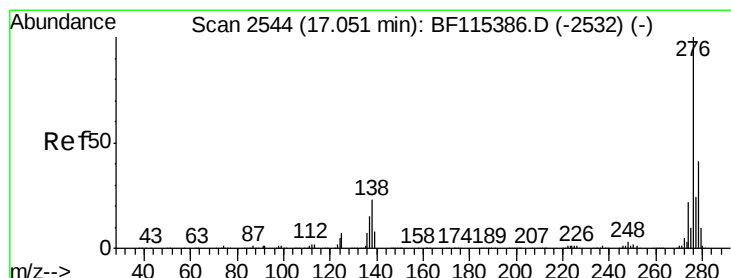
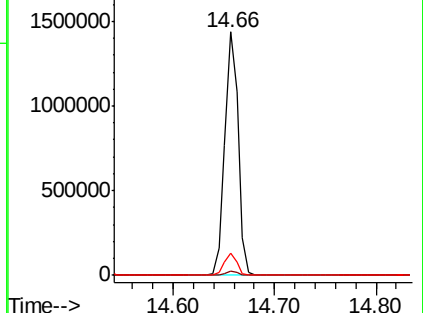
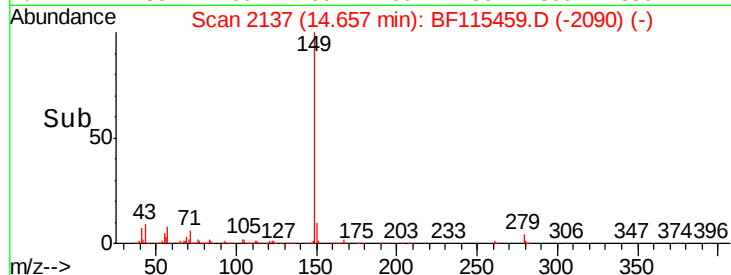
43 8.6 7.0 10.6



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: 43.680 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BF115459.D

Acq: 10 Jul 2019 17:03

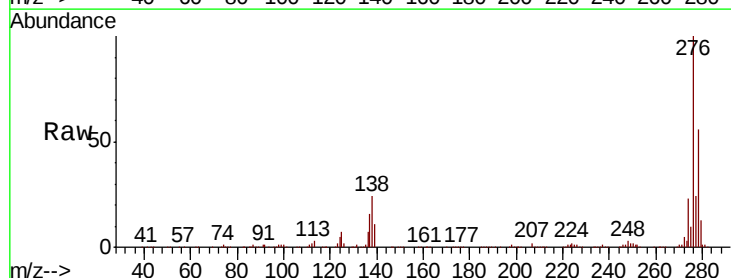
Tgt Ion:276 Resp: 1125051

Ion Ratio Lower Upper

276 100

138 25.7 20.6 31.0

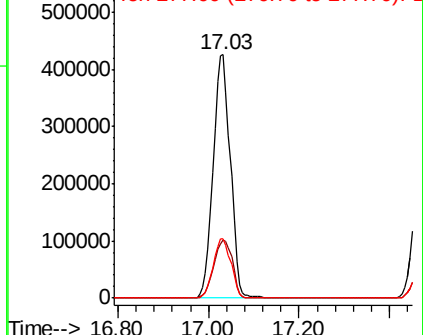
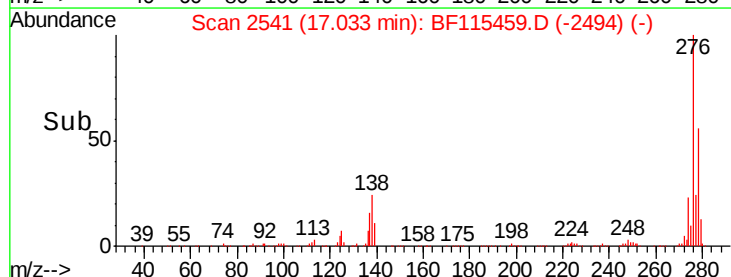
277 25.1 20.2 30.2

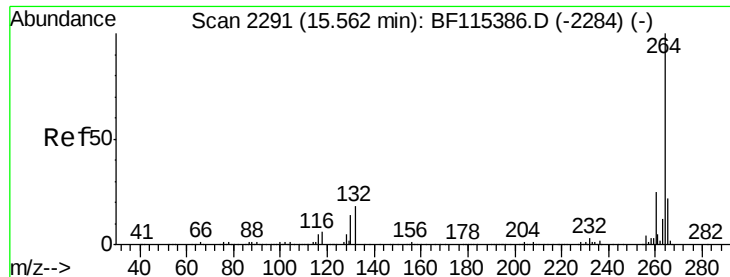


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



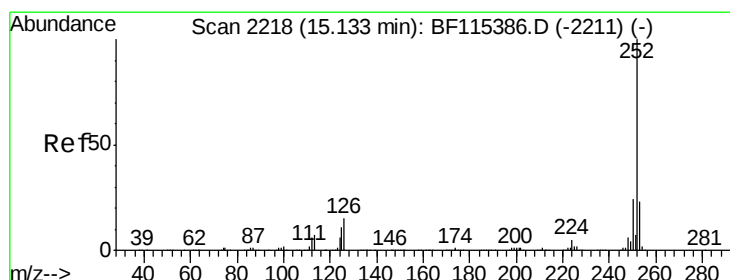
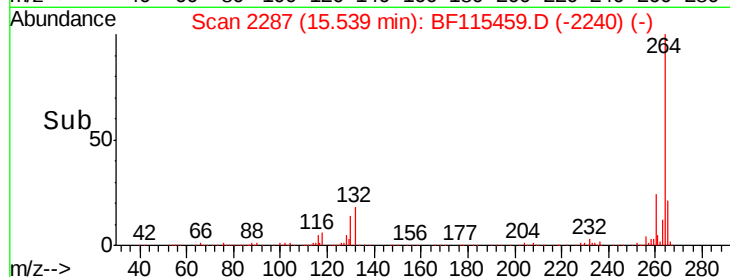
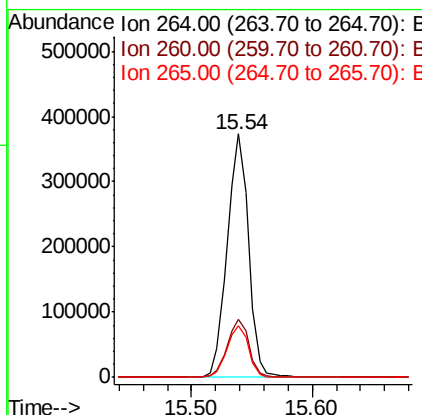
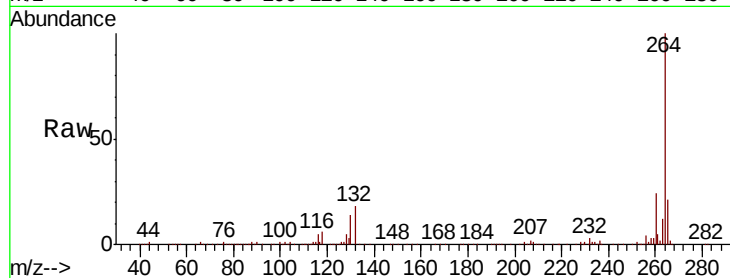


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 459061

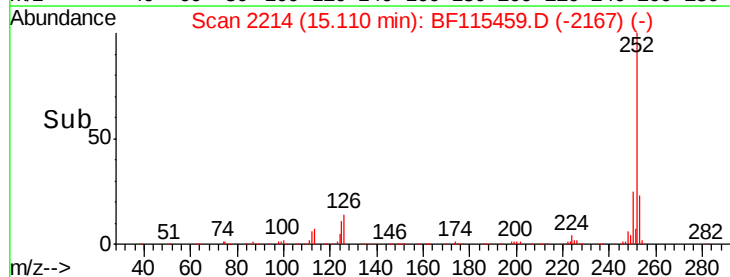
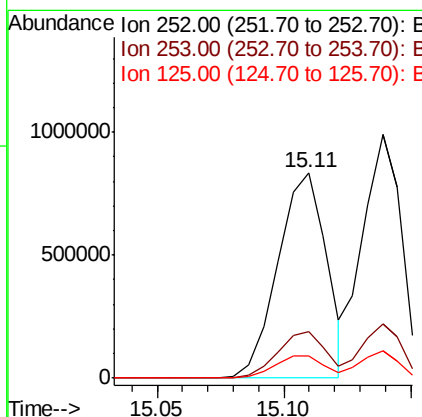
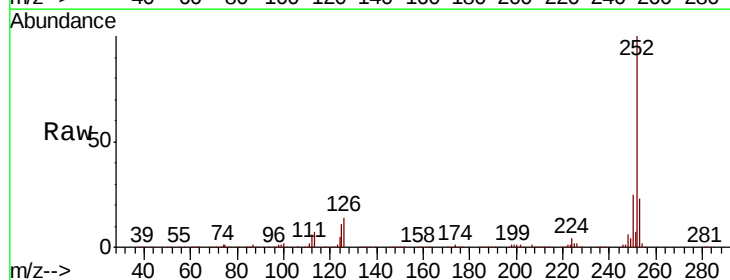
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	21.5	17.8	26.6

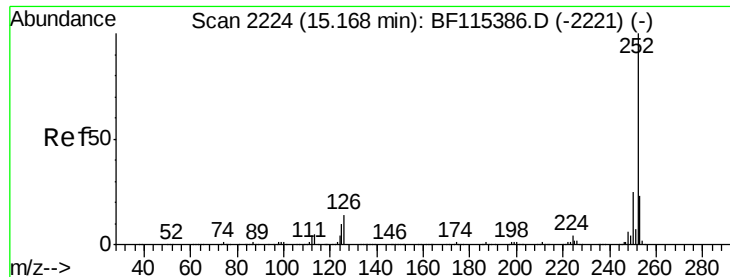


#88
Benzo(b)fluoranthene
Concen: 37.177 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:252 Resp: 1111191

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	8.5	12.7

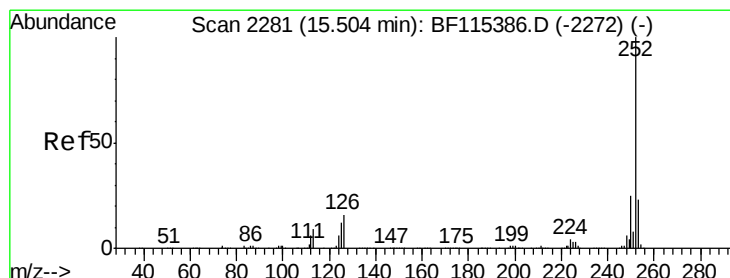
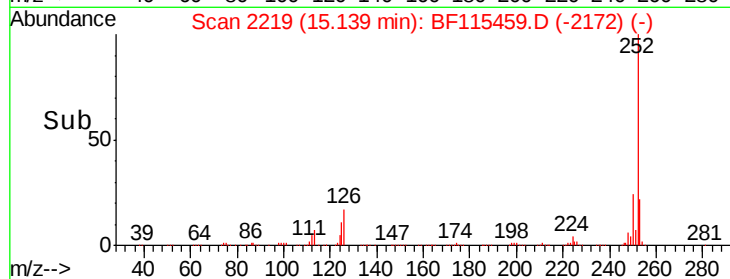
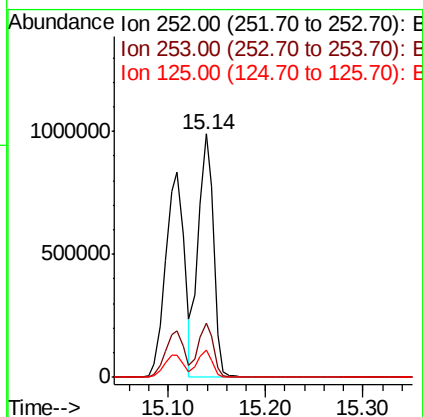
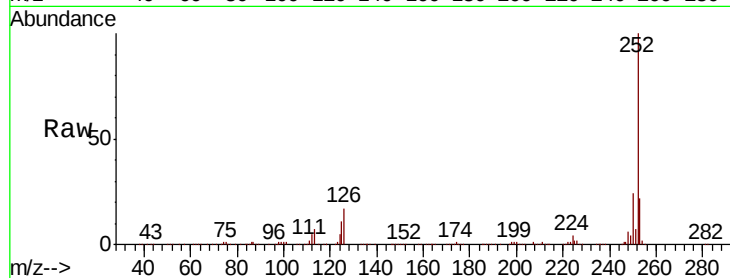




#89
Benzo(k)fluoranthene
Concen: 40.375 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

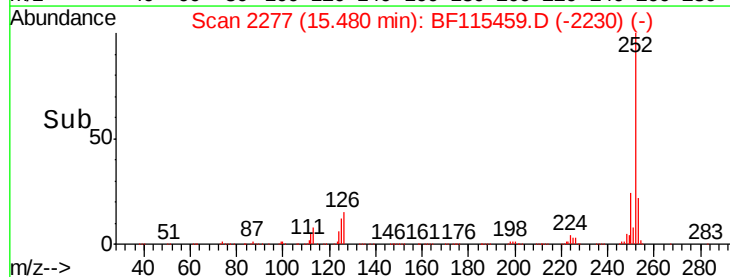
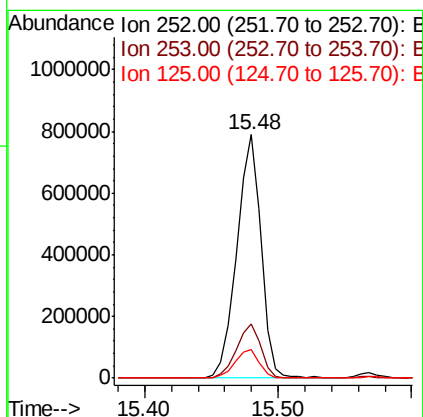
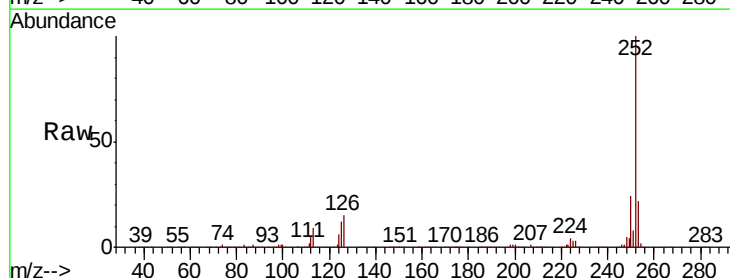
Instrument :
BNA_F
ClientSampleId :

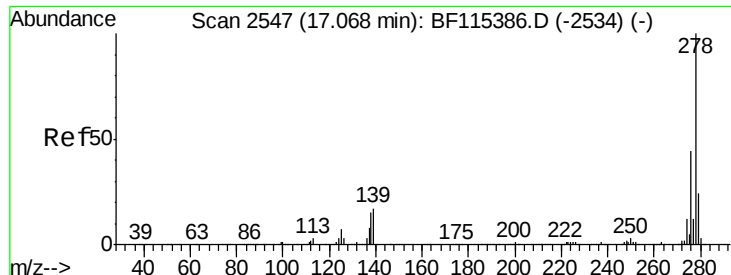
Tot Ion:252 Resp: 1073234
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.744 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion:252 Resp: 998789
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.8 9.7 14.5

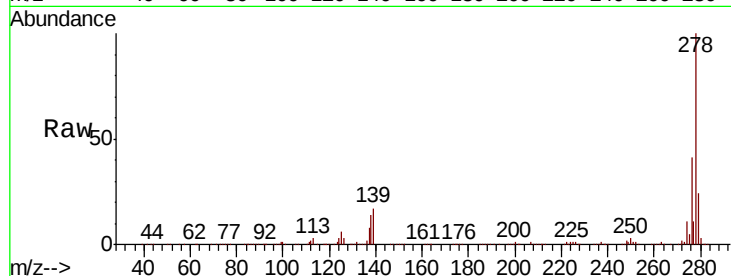




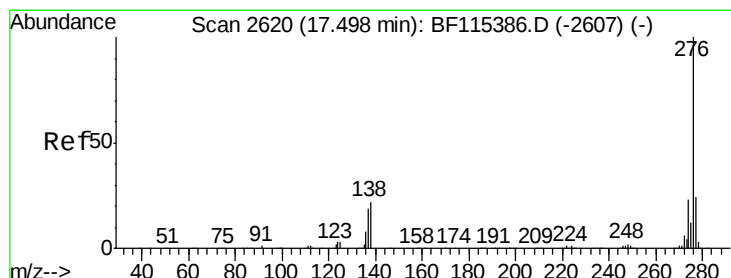
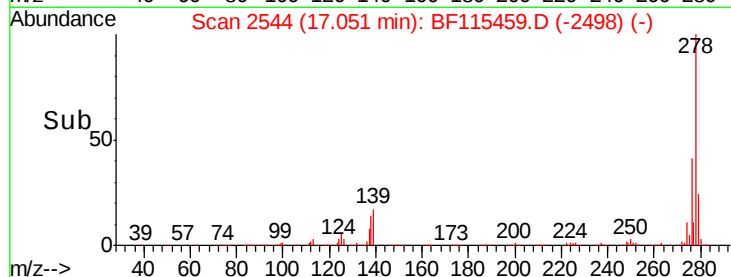
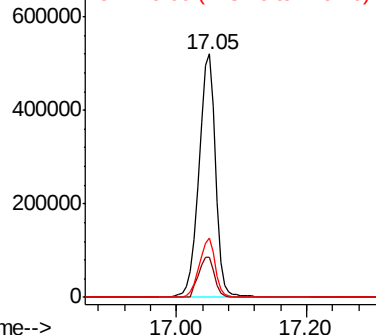
#91
Dibenzo(a,h)anthracene
Concen: 41.845 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.6
279	24.2	19.4	29.2

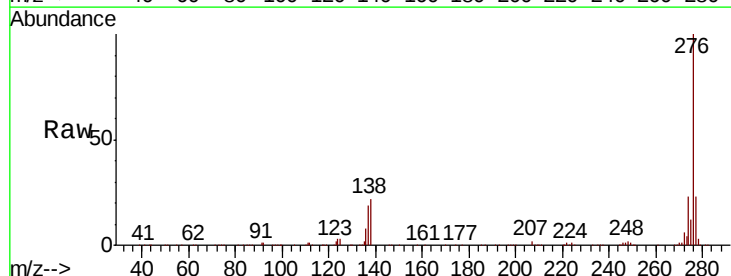


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.476 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF115459.D
Acq: 10 Jul 2019 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.4	17.8	26.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

