

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115590.D
 Acq On : 16 Jul 2019 11:46
 Operator : HP/JU
 Sample : PB121224BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:29:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	204003	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	739340	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	368740	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	710939	20.00	ng	0.00
76) Chrysene-d12	14.04	240	456100	20.00	ng	0.00
87) Perylene-d12	15.51	264	340057	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1345591	107.89	ng	0.02
7) Phenol-d6	6.52	99	1743495	110.17	ng	0.00
23) Nitrobenzene-d5	7.45	82	956872	75.25	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	473285	109.96	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1774692	84.24	ng	0.00
79) Terphenyl-d14	12.99	244	1889280	76.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	204359	32.849	ng	98
3) Pyridine	3.53	79	516532	30.603	ng	99
4) n-Nitrosodimethylamine	3.48	42	224046	36.590	ng	96
6) Aniline	6.55	93	562051	25.521	ng	99
8) 2-Chlorophenol	6.67	128	558323	38.937	ng	97
9) Benzaldehyde	6.43	77	73408	7.423	ng	98
10) Phenol	6.53	94	682283	37.139	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	531813	38.022	ng	98
12) 1,3-Dichlorobenzene	6.83	146	572752	35.527	ng	100
13) 1,4-Dichlorobenzene	6.90	146	535988	33.321	ng	98
14) 1,2-Dichlorobenzene	7.06	146	475532	32.340	ng	96
15) Benzyl Alcohol	7.02	79	413758	32.958	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	595928	32.362	ng	98
17) 2-Methylphenol	7.13	107	414521	33.545	ng	100
18) Hexachloroethane	7.40	117	185548	31.078	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	335402	32.497	ng	100
20) 3+4-Methylphenols	7.29	107	490418	33.411	ng	98
22) Acetophenone	7.29	105	663032	39.696	ng	# 94
24) Nitrobenzene	7.46	77	524721	38.261	ng	98
25) Isophorone	7.70	82	962621	37.834	ng	100
26) 2-Nitrophenol	7.78	139	274159	38.838	ng	95
27) 2,4-Dimethylphenol	7.82	122	458950	43.453	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	584559	37.451	ng	99
29) 2,4-Dichlorophenol	8.02	162	431168	39.253	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	468181	37.706	ng	98
31) Naphthalene	8.19	128	1405226	39.245	ng	97
32) Benzoic acid	7.95	122	340316	39.262	ng	99
33) 4-Chloroaniline	8.23	127	331232	20.884	ng	99
34) Hexachlorobutadiene	8.31	225	263618	37.023	ng	99
35) Caprolactam	8.60	113	89757	26.443	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	443641	38.936	ng	99
37) 2-Methylnaphthalene	8.88	142	948365	39.956	ng	97
38) 1-Methylnaphthalene	8.98	142	892825	39.603	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	438108	39.455	ng	98

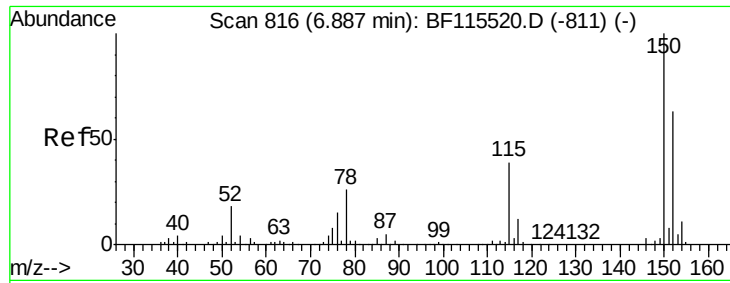
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115590.D
 Acq On : 16 Jul 2019 11:46
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	358846	56.652	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	310417	38.227	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	323044	38.846	ng	99
46) 1,1'-Biphenyl	9.35	154	1160628	40.261	ng	98
47) 2-Chloronaphthalene	9.37	162	914389	38.094	ng	97
48) 2-Nitroaniline	9.46	65	271812	36.586	ng	98
49) Acenaphthylene	9.79	152	1378336	38.753	ng	98
50) Dimethylphthalate	9.65	163	1053830	37.986	ng	99
51) 2,6-Dinitrotoluene	9.70	165	247601	39.272	ng	88
52) Acenaphthene	9.96	154	972711	42.360	ng	99
53) 3-Nitroaniline	9.87	138	180114	24.999	ng	97
54) 2,4-Dinitrophenol	9.98	184	250774	77.472	ng	92
55) Dibenzofuran	10.13	168	1238936	37.993	ng	100
56) 4-Nitrophenol	10.03	139	383213	69.751	ng	98
57) 2,4-Dinitrotoluene	10.10	165	324658	39.747	ng	99
58) Fluorene	10.47	166	924158	39.642	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	282247	40.601	ng	99
60) Diethylphthalate	10.35	149	1024912	39.429	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	473627	36.636	ng	99
62) 4-Nitroaniline	10.49	138	239163	34.606	ng	97
63) Azobenzene	10.62	77	982008	38.948	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	163777	37.705	ng	97
66) n-Nitrosodiphenylamine	10.58	169	850256	38.447	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	303920	37.409	ng	97
68) Hexachlorobenzene	11.02	284	347036	37.404	ng	94
69) Atrazine	11.10	200	256485	35.353	ng	98
70) Pentachlorophenol	11.22	266	401813	70.809	ng	99
71) Phenanthrene	11.43	178	1407637	38.627	ng	97
72) Anthracene	11.49	178	1423173	37.789	ng	100
73) Carbazole	11.63	167	1263081	38.245	ng	99
74) Di-n-butylphthalate	11.96	149	1529086	37.587	ng	99
75) Fluoranthene	12.62	202	1461764	37.958	ng	98
77) Benzidine	12.73	184	299837	18.557	ng	99
78) Pyrene	12.84	202	1458737	37.750	ng	98
80) Butylbenzylphthalate	13.46	149	639439	38.817	ng	99
81) Benzo(a)anthracene	14.03	228	1136241	37.814	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	335269	31.387	ng	99
83) Chrysene	14.07	228	1199221	39.757	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	845650	41.444	ng	99
85) Di-n-octyl phthalate	14.63	149	1398873	43.087	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	938607	36.626	ng	99
88) Benzo(b)fluoranthene	15.08	252	1080149	49.329	ng	99
89) Benzo(k)fluoranthene	15.12	252	983954	50.401	ng	98
90) Benzo(a)pyrene	15.45	252	919786	48.872	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	786396	47.596	ng	99
92) Benzo(g,h,i)perylene	17.43	276	769624	46.706	ng	99

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

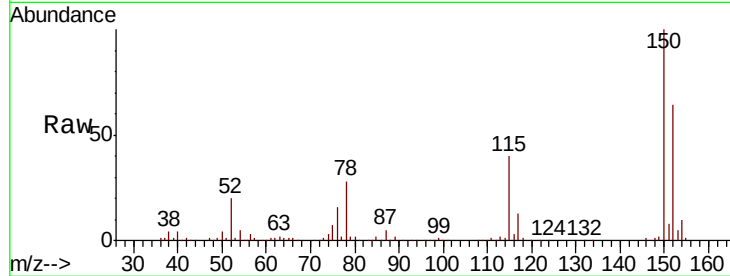


#1

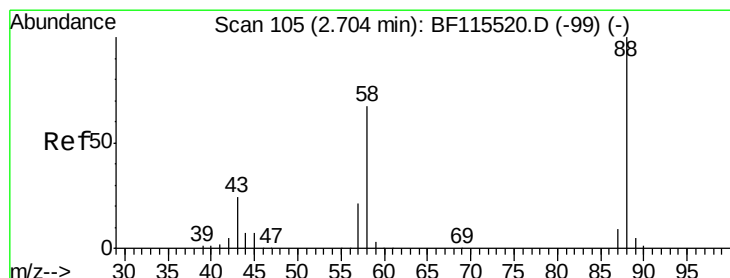
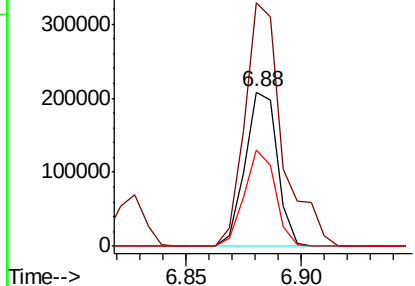
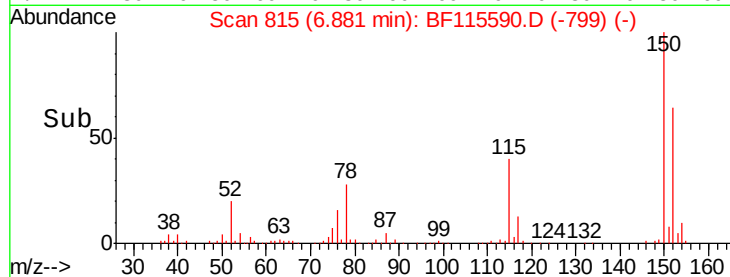
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 204003
Ion Ratio Lower Upper
152 100
150 157.4 129.7 194.5
115 62.6 48.2 72.4



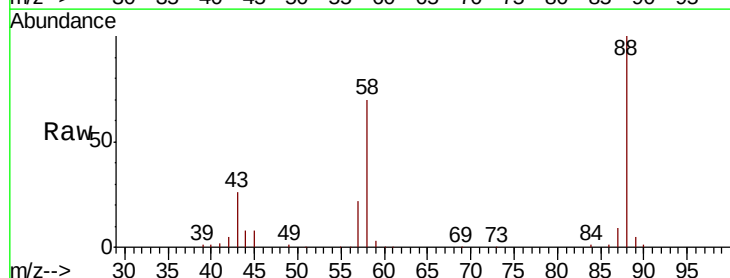
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



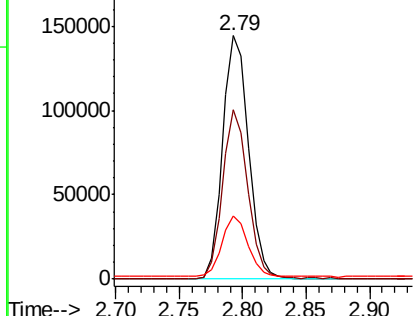
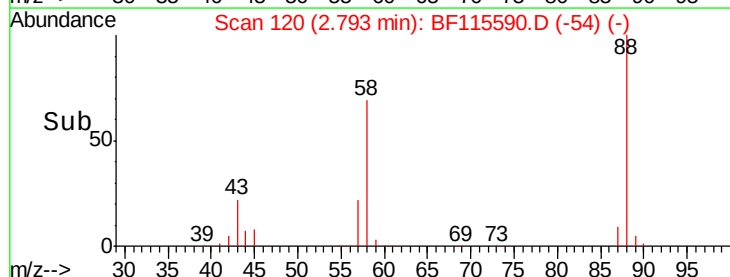
#2

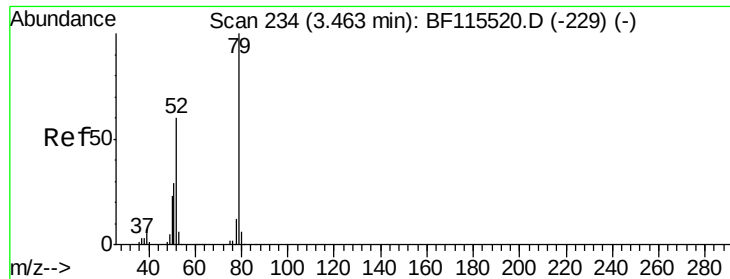
1,4-Dioxane
Concen: 32.849 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion: 88 Resp: 204359
Ion Ratio Lower Upper
88 100
58 67.1 52.6 79.0
43 25.3 19.1 28.7



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: 30.603 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

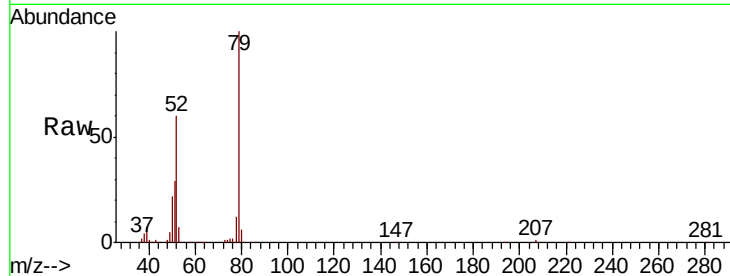
Tot Ion: 79 Resp: 516532

Ion Ratio Lower Upper

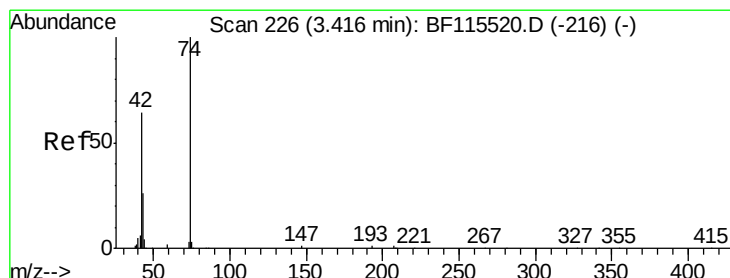
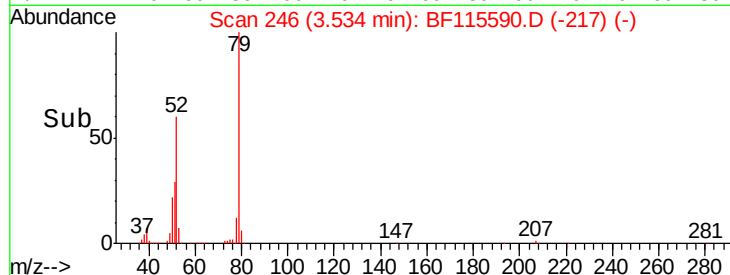
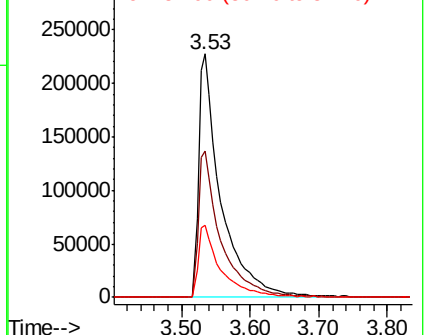
79 100

52 60.3 47.8 71.6

51 29.5 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.590 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

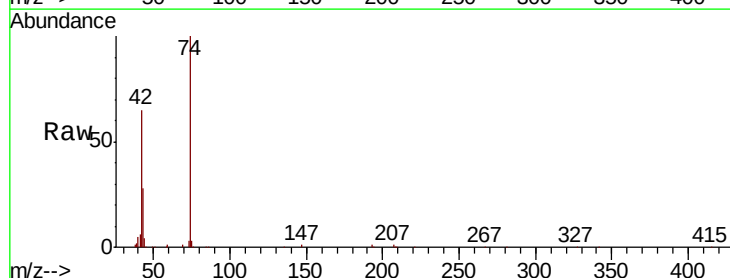
Tgt Ion: 42 Resp: 224046

Ion Ratio Lower Upper

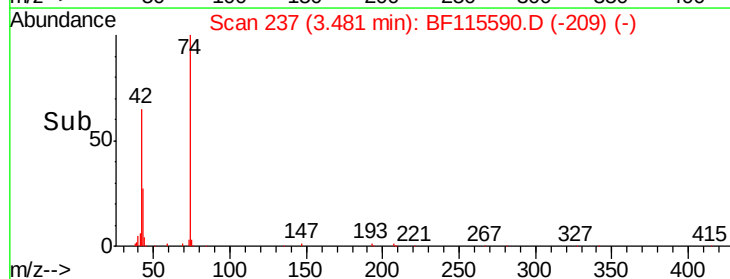
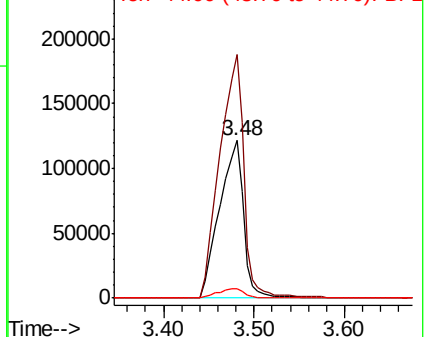
42 100

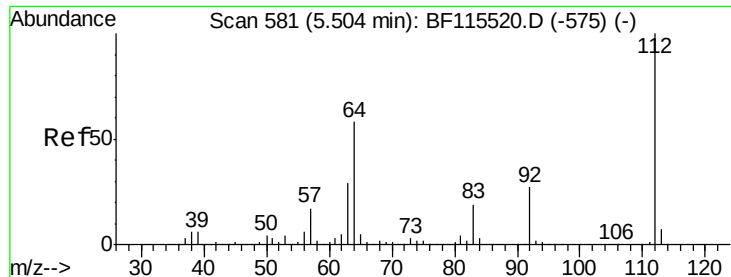
74 154.4 127.5 191.3

44 6.3 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.890 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampled :

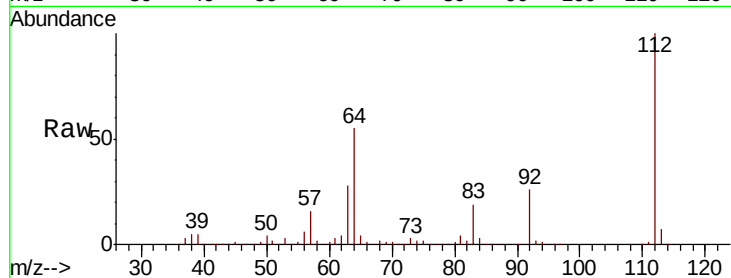
Tot Ion:112 Resp: 1345591

Ion Ratio Lower Upper

112 100

64 55.2 46.8 70.2

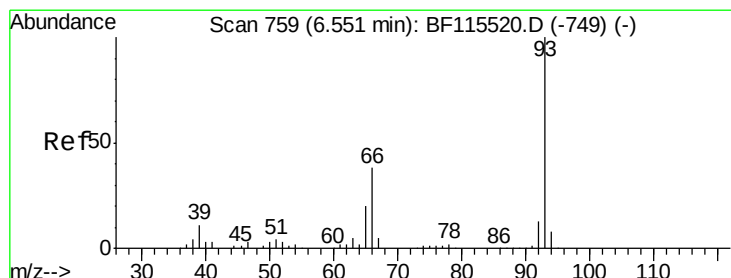
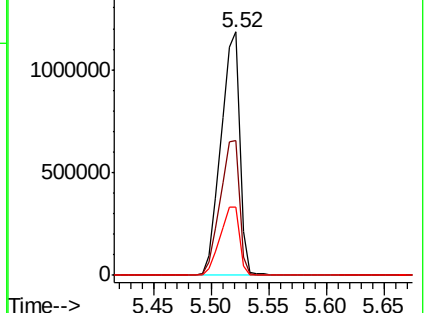
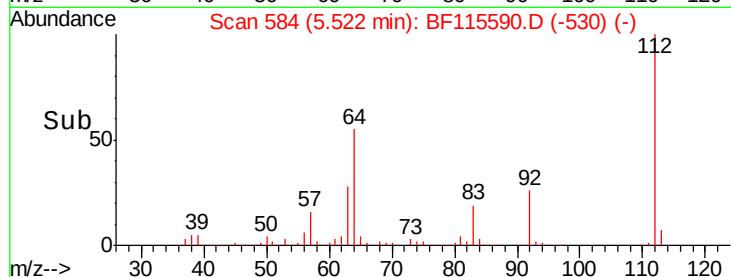
63 28.3 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.521 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

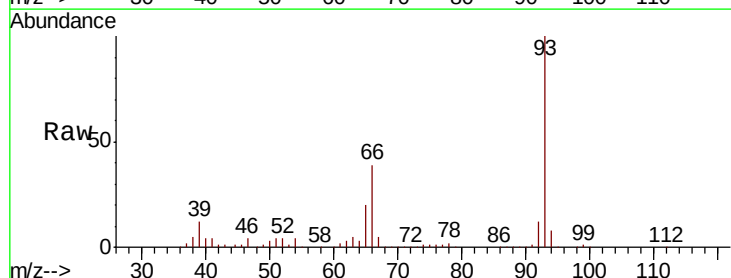
Tgt Ion: 93 Resp: 562051

Ion Ratio Lower Upper

93 100

66 39.2 31.7 47.5

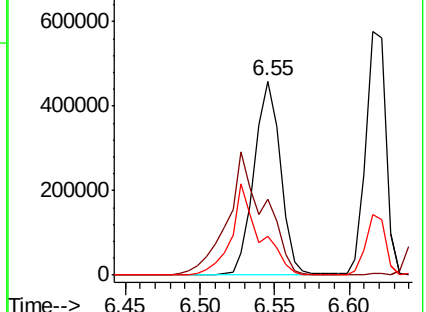
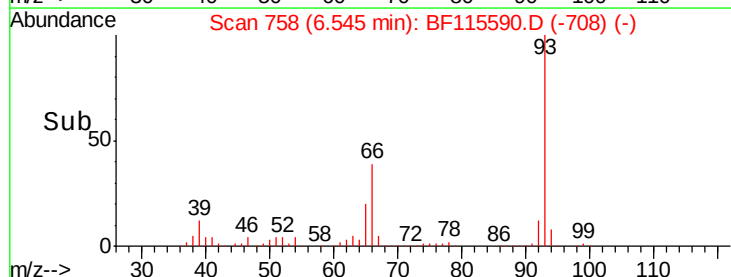
65 20.0 16.2 24.2

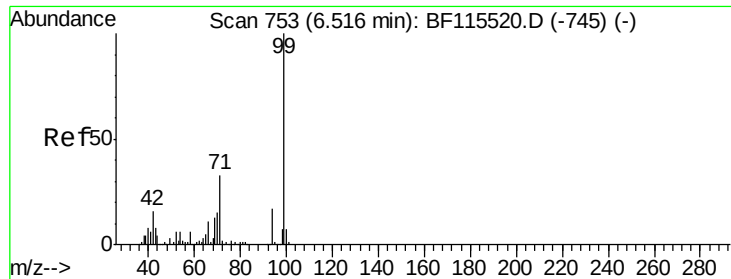


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.171 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

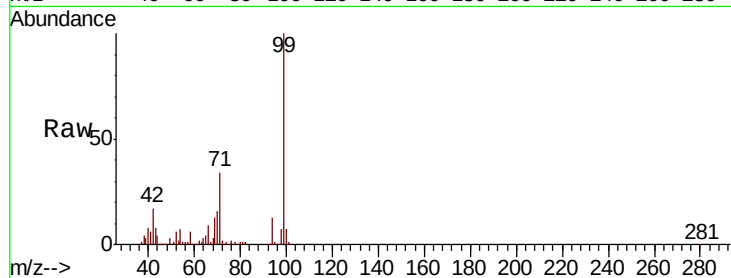
Tot Ion: 99 Resp: 1743495

Ion Ratio Lower Upper

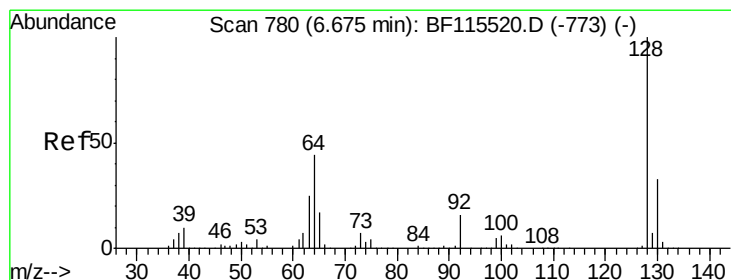
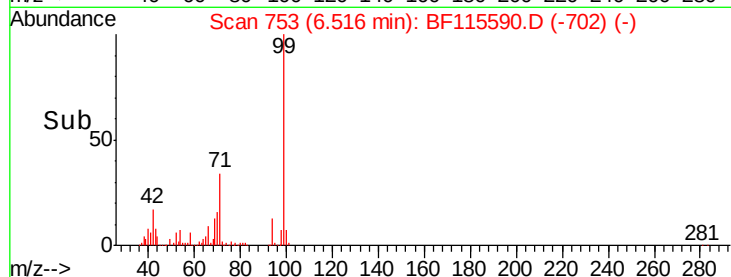
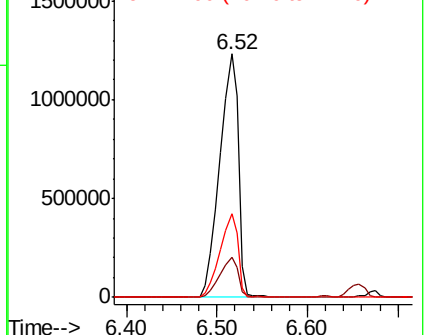
99 100

42 16.7 13.6 20.4

71 34.2 28.5 42.7



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: 38.937 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

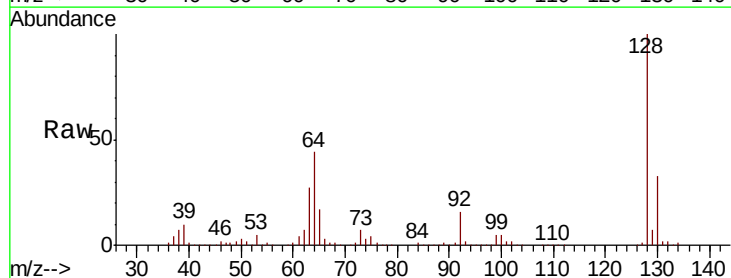
Tgt Ion:128 Resp: 558323

Ion Ratio Lower Upper

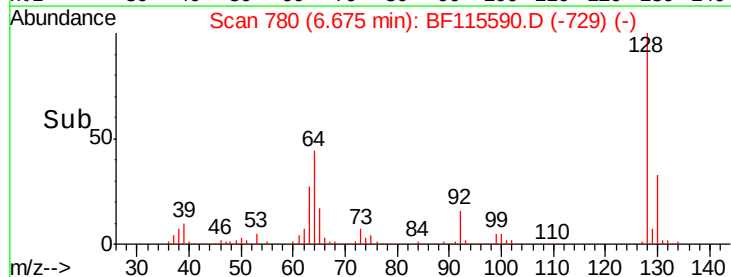
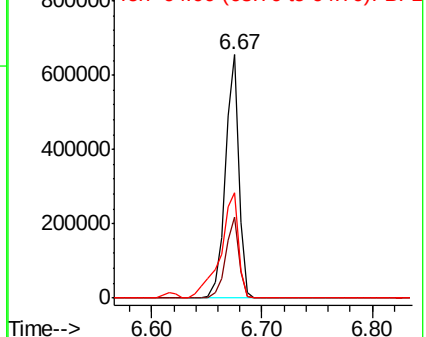
128 100

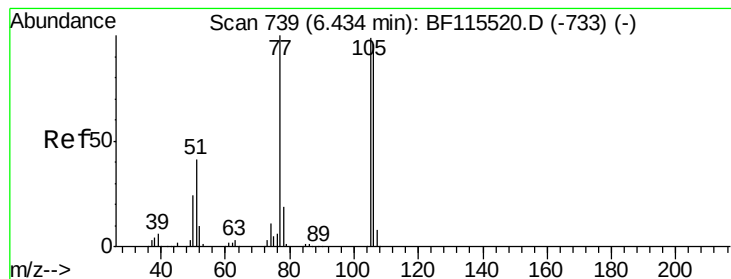
130 33.1 12.8 52.8

64 43.5 26.8 66.8



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





#9

Benzaldehyde

Concen: 7.423 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampled :

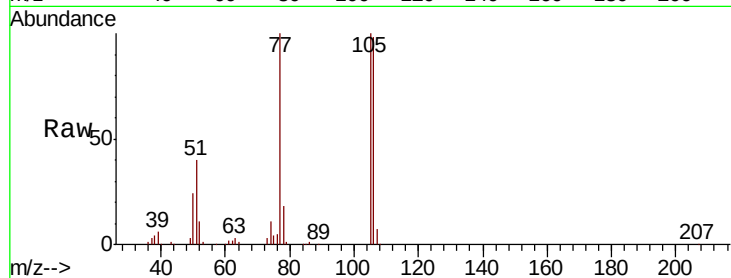
Tot Ion: 77 Resp: 73408

Ion Ratio Lower Upper

77 100

105 99.9 78.8 118.8

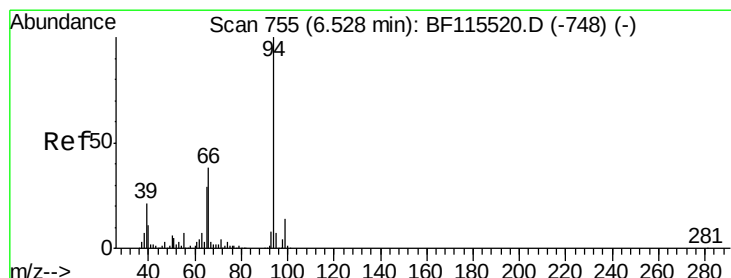
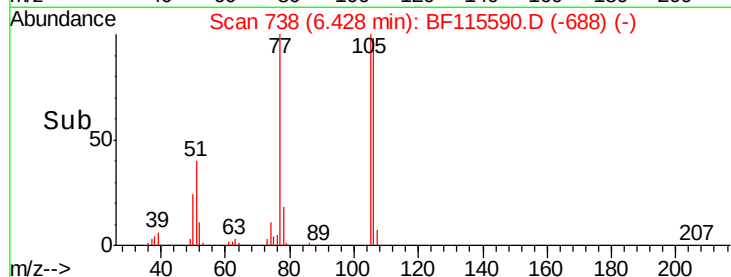
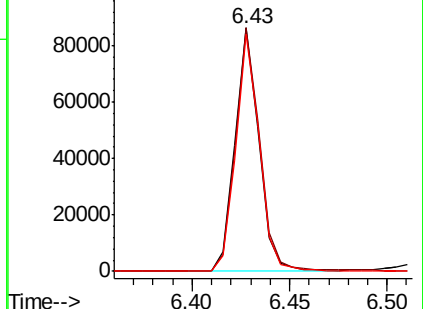
106 97.6 75.6 115.6



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: 37.139 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

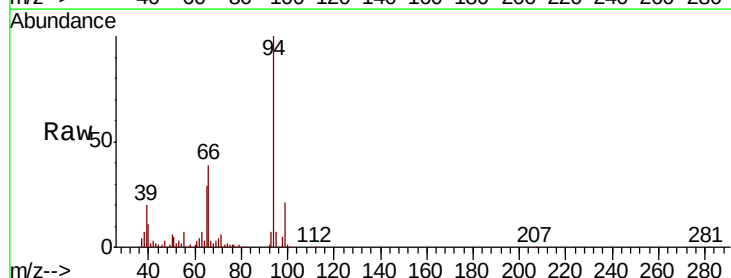
Tgt Ion: 94 Resp: 682283

Ion Ratio Lower Upper

94 100

65 28.9 14.5 54.5

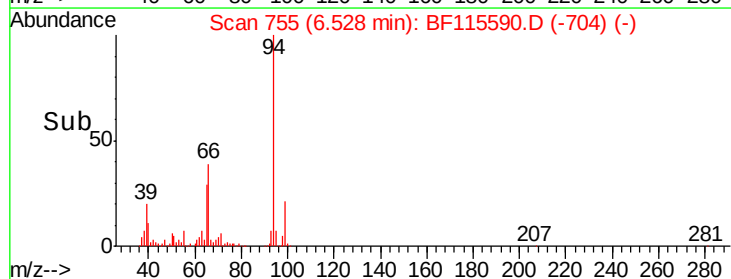
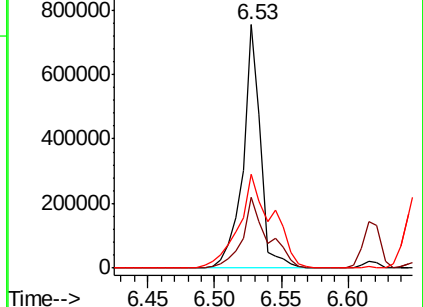
66 38.7 31.3 71.3

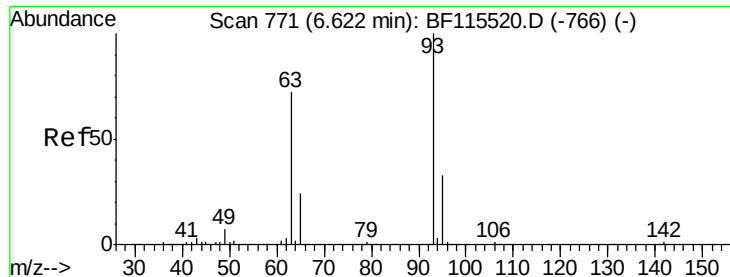


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

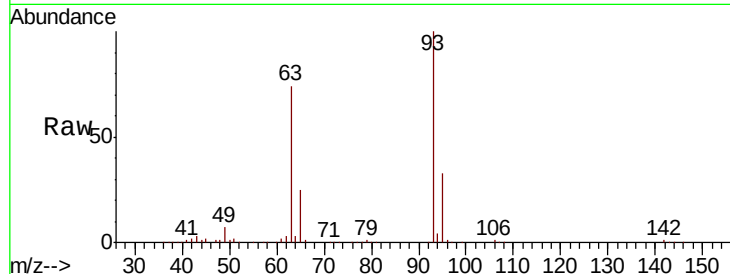




#11
 bis(2-Chloroethyl)ether
 Concen: 38.022 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	52.2	92.2
95	33.1	12.9	52.9

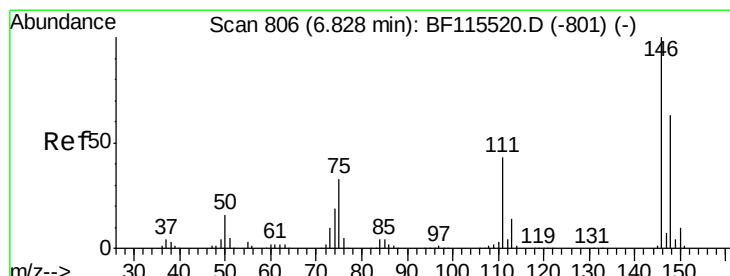
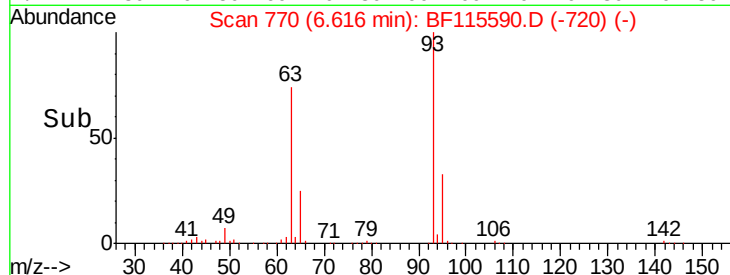
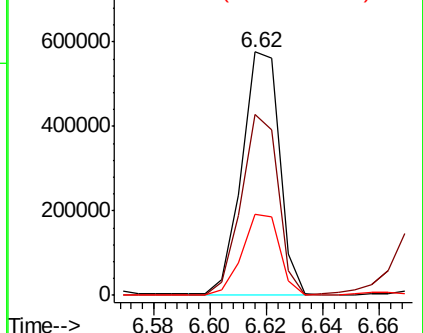


Abundance

Ion 93.00 (92.70 to 93.70): BF1

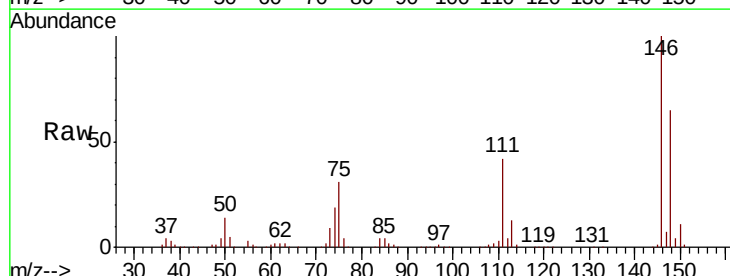
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 35.527 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	30.6	24.9	37.3

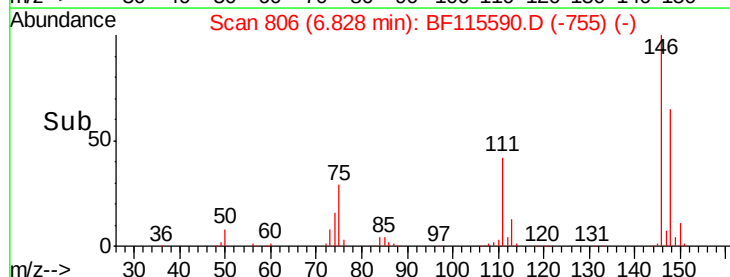
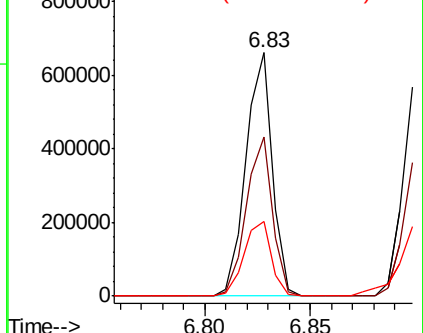


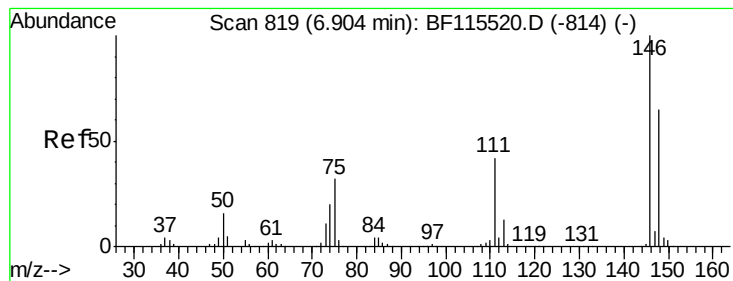
Abundance

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: 33.321 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampled :

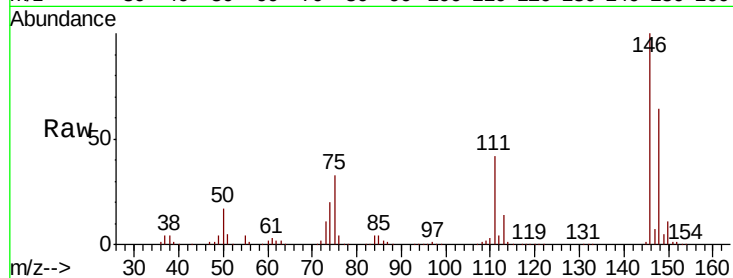
Tot Ion:146 Resp: 535988

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 41.9 35.5 53.3

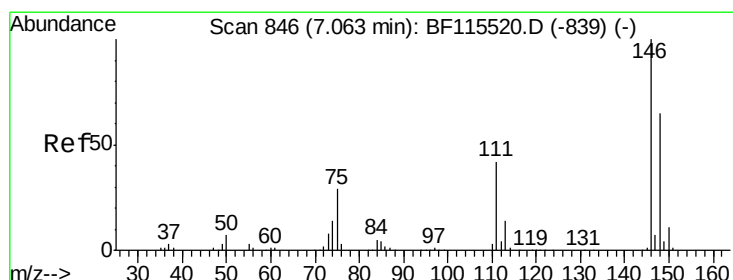
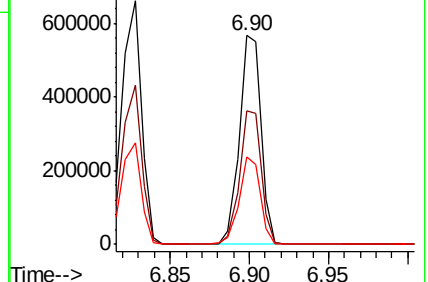
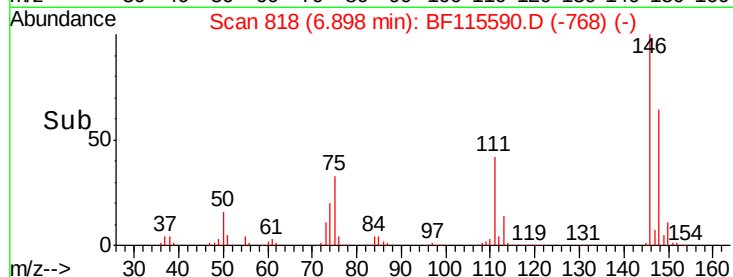


Abundance

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: 32.340 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

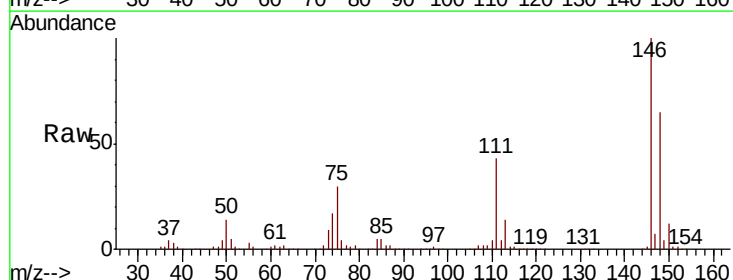
Tgt Ion:146 Resp: 475532

Ion Ratio Lower Upper

146 100

148 65.3 51.1 76.7

111 42.6 37.6 56.4

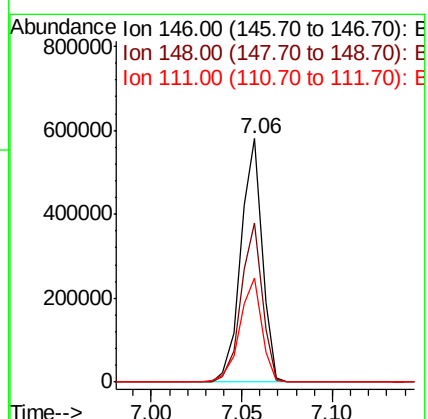
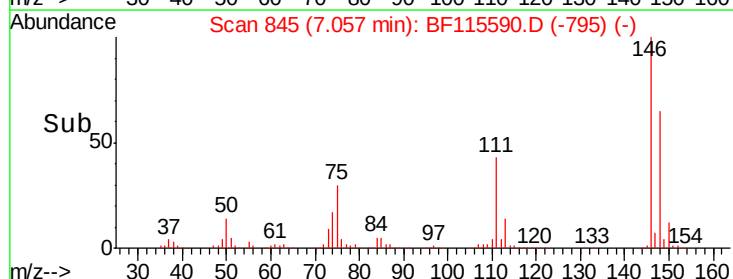


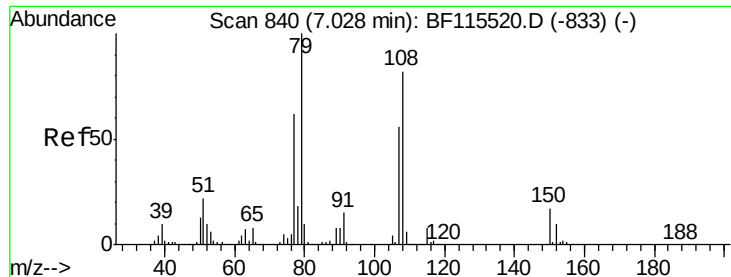
Abundance

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: 32.958 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampled :

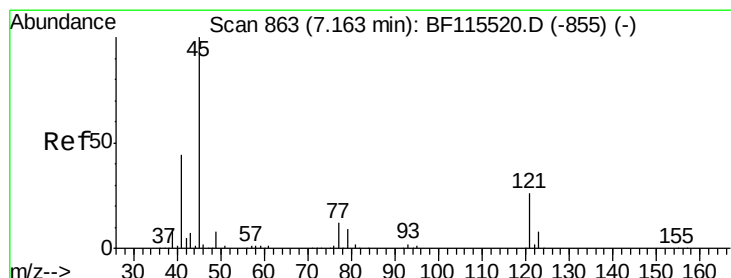
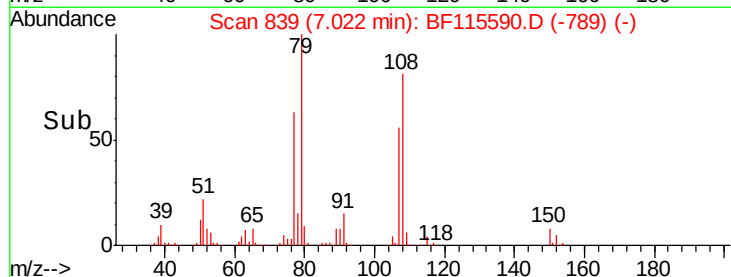
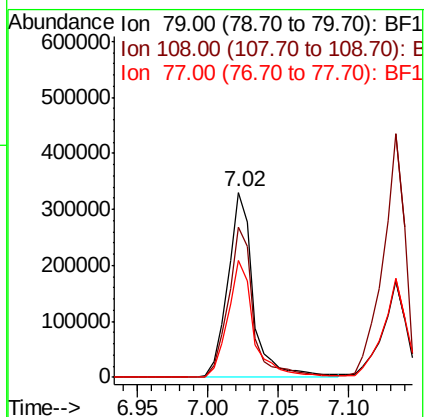
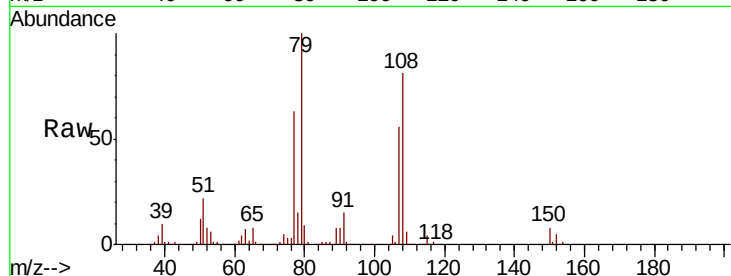
Tot Ion: 79 Resp: 413758

Ion Ratio Lower Upper

79 100

108 81.1 64.2 96.4

77 63.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.362 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

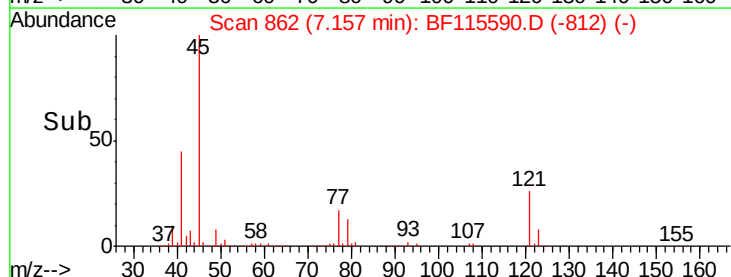
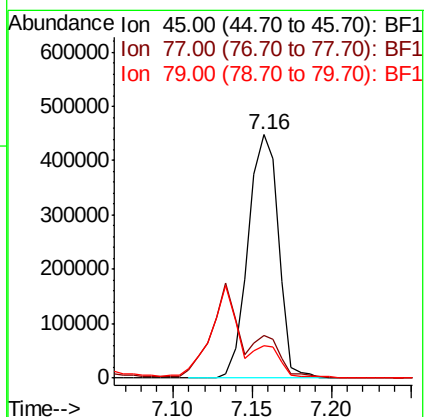
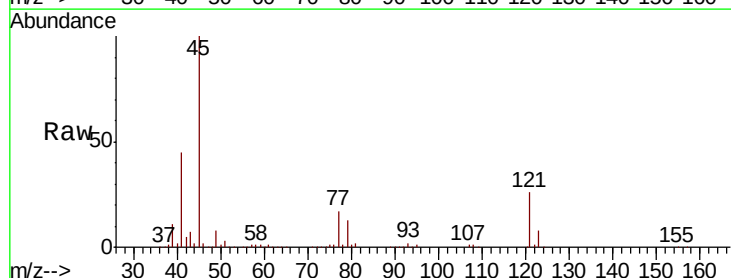
Tgt Ion: 45 Resp: 595928

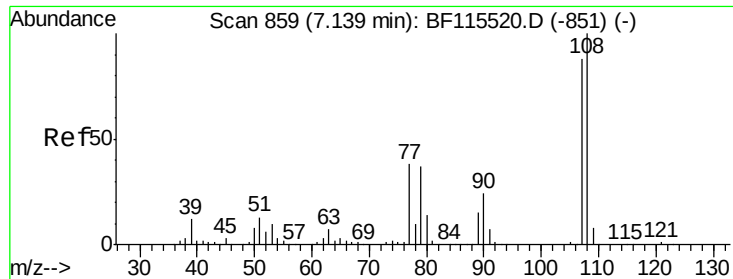
Ion Ratio Lower Upper

45 100

77 17.3 0.0 38.1

79 13.3 0.0 34.1

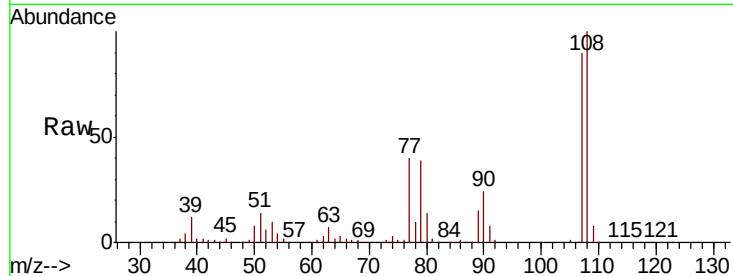




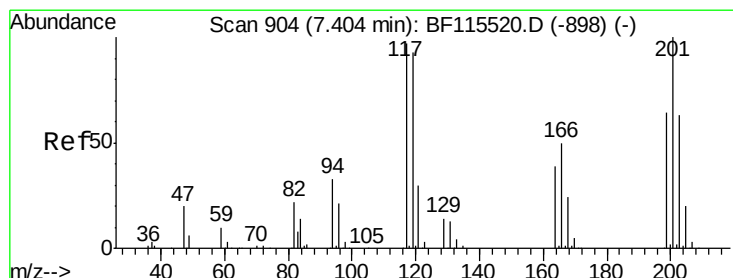
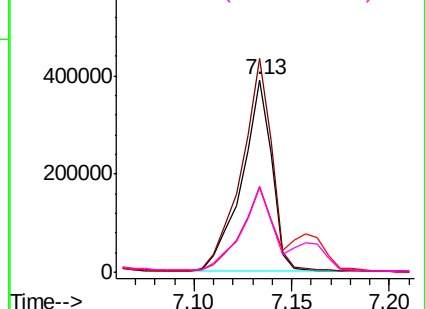
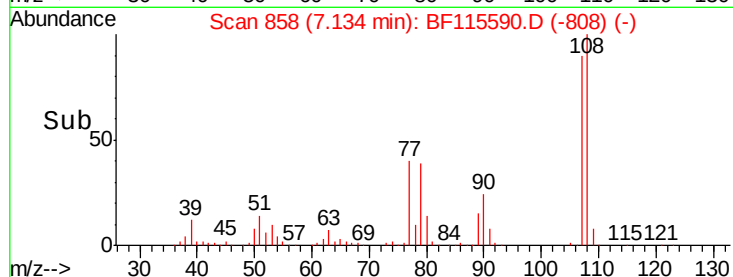
#17
2-Methylphenol
Concen: 33.545 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 414521
Ion Ratio Lower Upper
107 100
108 111.0 89.4 134.2
77 44.9 35.7 53.5
79 43.7 35.0 52.4

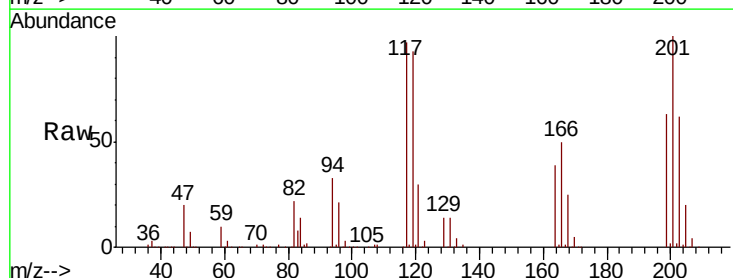


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

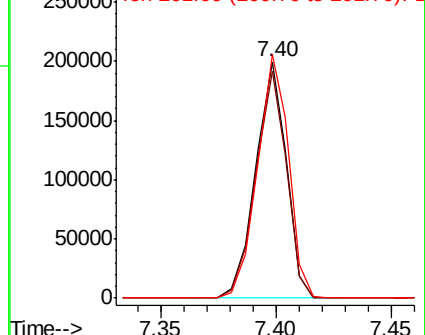
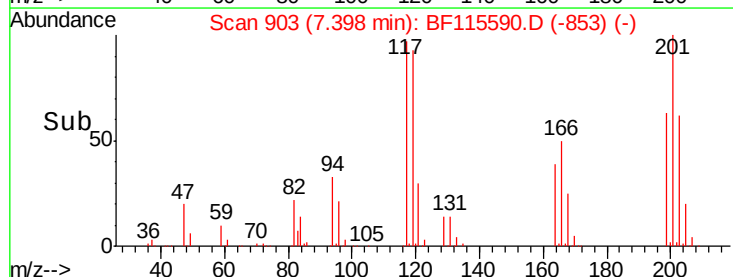


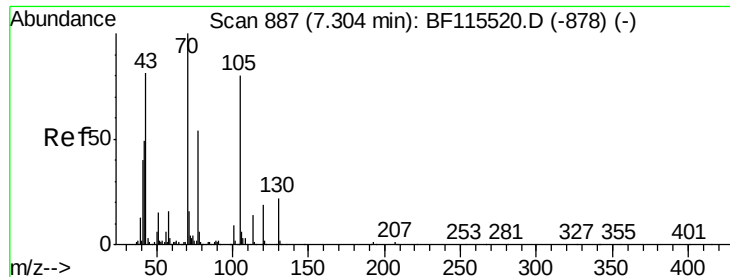
#18
Hexachloroethane
Concen: 31.078 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:117 Resp: 185548
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5
201 103.0 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

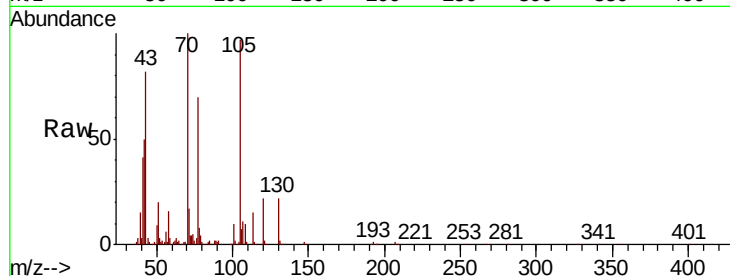




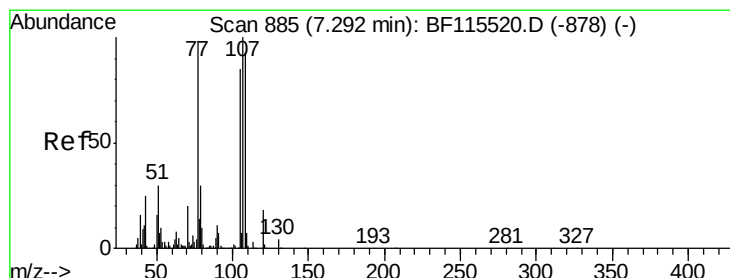
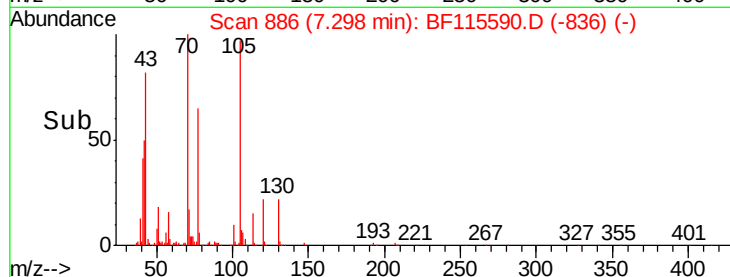
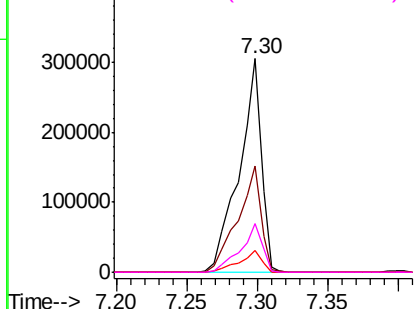
#19
n-Nitroso-di-n-propylamine
Concen: 32.497 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	335402
Ion	Ratio	Lower	Upper
70	100		
42	49.7	39.6	59.4
101	10.1	8.1	12.1
130	22.5	18.2	27.2

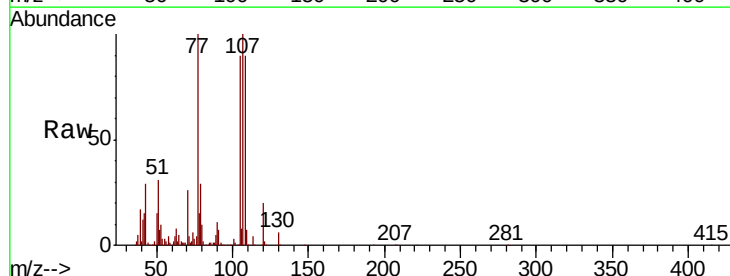


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

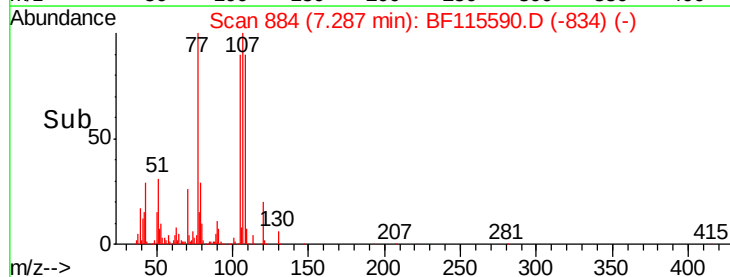
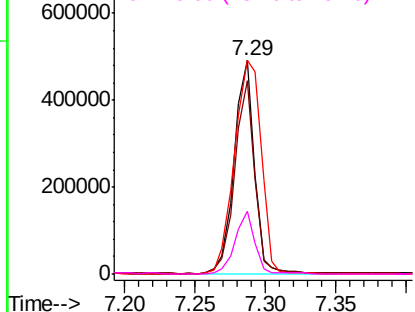


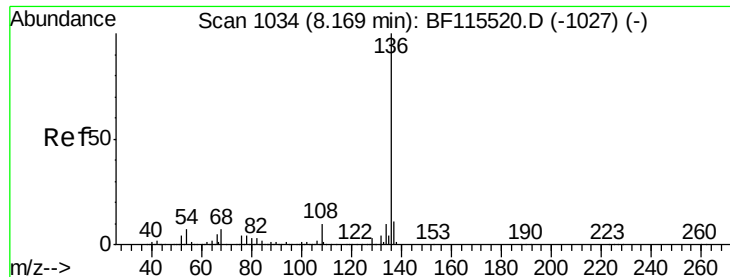
#20
3+4-Methylphenols
Concen: 33.411 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:	107	Resp:	490418
Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.9	112.9
77	99.9	77.6	117.6
79	29.3	10.5	50.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

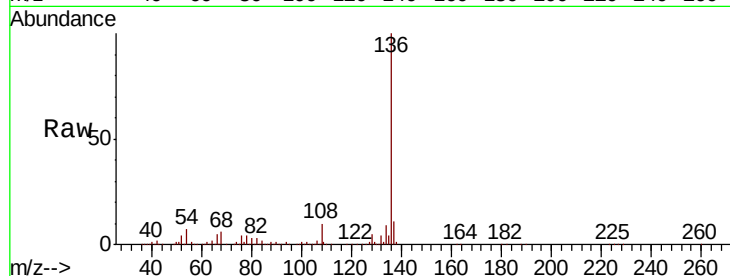




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 739340
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.7	5.6 8.4
68 6.0	5.0 7.6



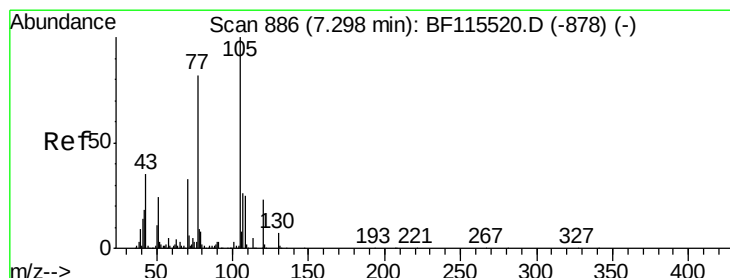
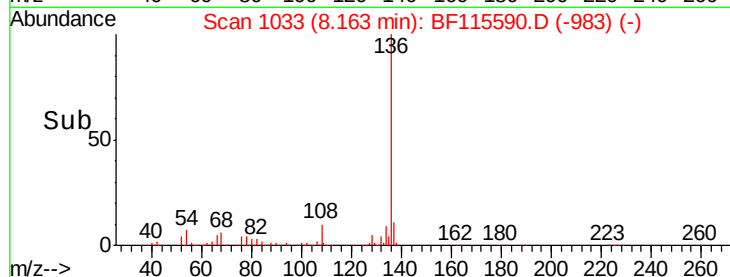
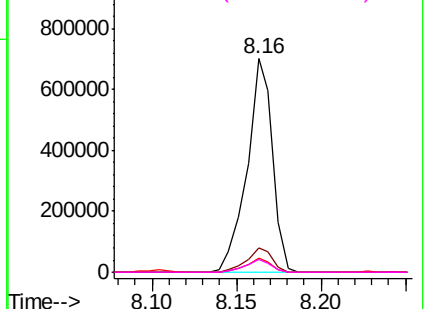
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

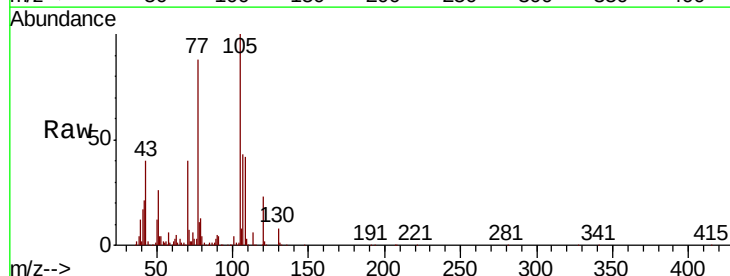
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.696 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt	Ion:105	Resp:	663032
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.5	5.3#
51	26.1	25.6	38.4
120	22.6	17.9	26.9



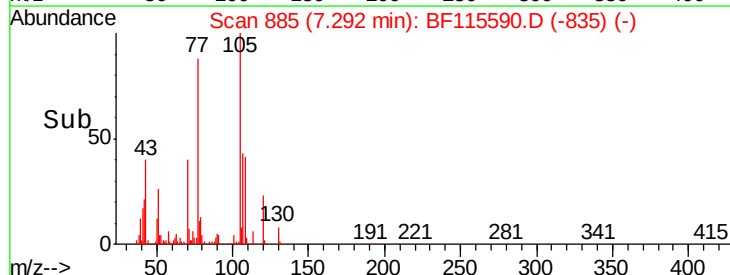
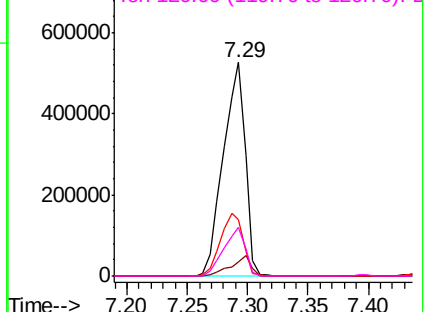
Abundance

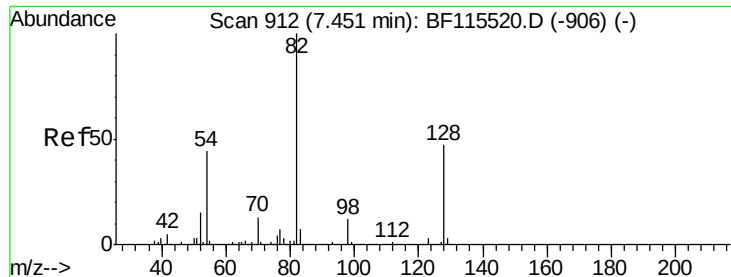
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

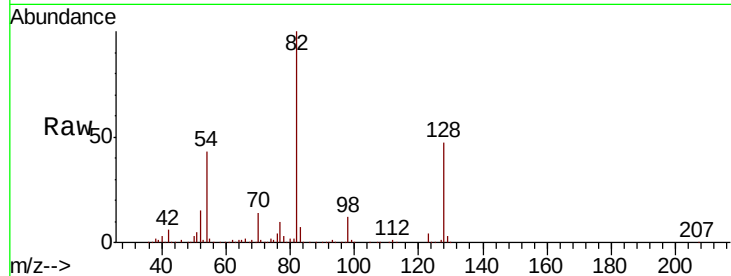




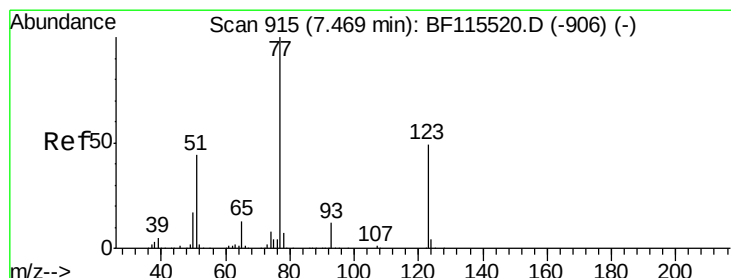
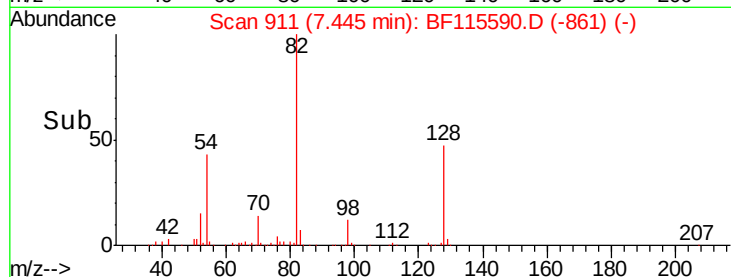
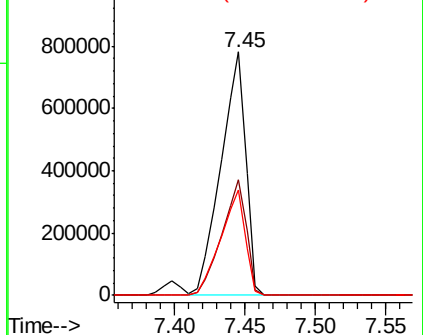
#23
 Nitrobenzene-d5
 Concen: 75.255 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	956872
Ion Ratio	100	Lower	Upper
128	47.4	38.6	57.8
54	43.3	35.6	53.4

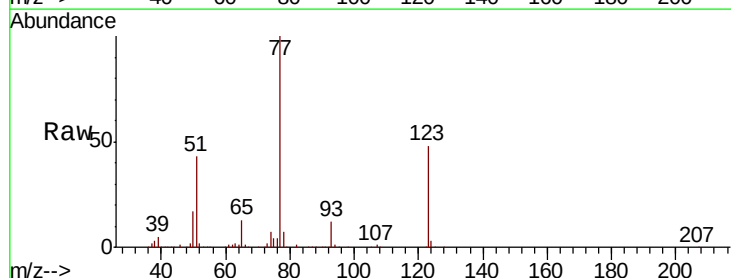


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

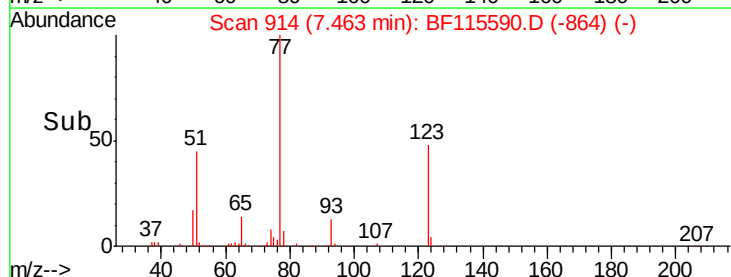
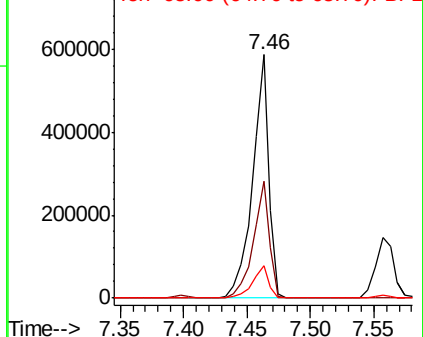


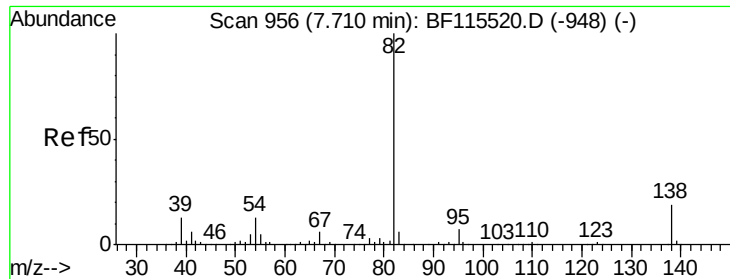
#24
 Nitrobenzene
 Concen: 38.261 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	77	Resp	524721
Ion Ratio	100	Lower	Upper
123	48.2	40.0	60.0
65	13.1	11.0	16.4



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





#25

Isophorone

Concen: 37.834 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

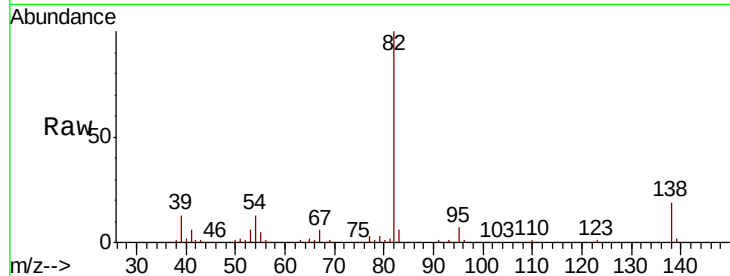
Tot Ion: 82 Resp: 962621

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

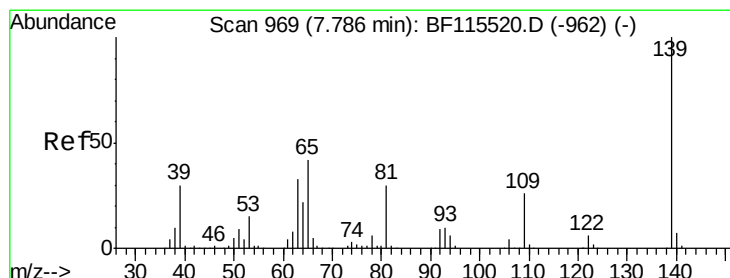
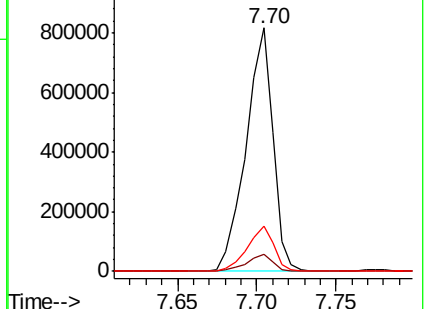
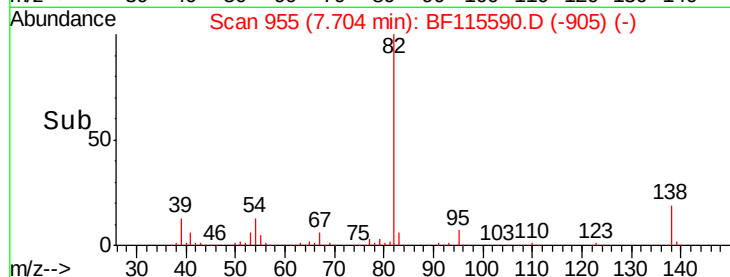
138 18.6 14.9 22.3



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: 38.838 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

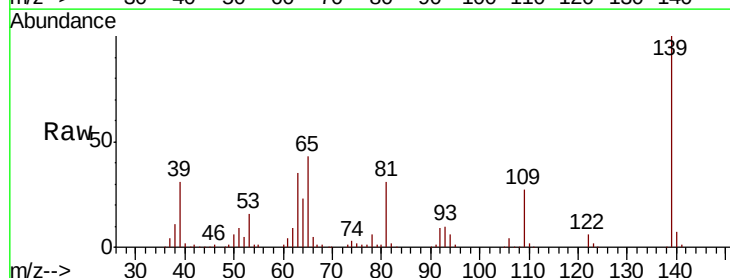
Tgt Ion: 139 Resp: 274159

Ion Ratio Lower Upper

139 100

109 27.2 23.3 34.9

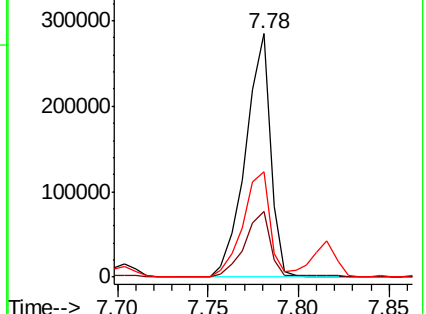
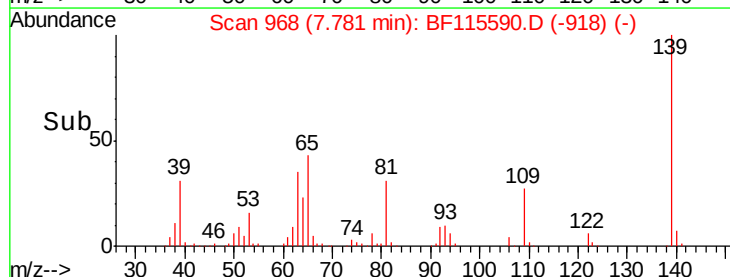
65 43.4 37.9 56.9

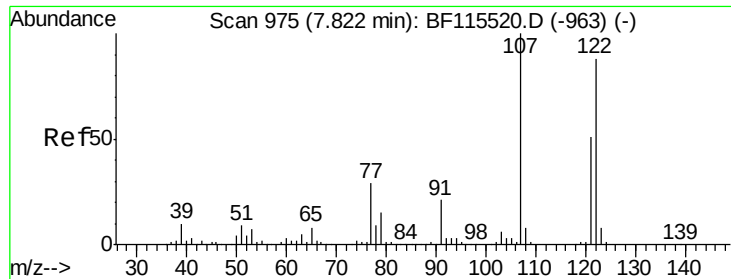


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

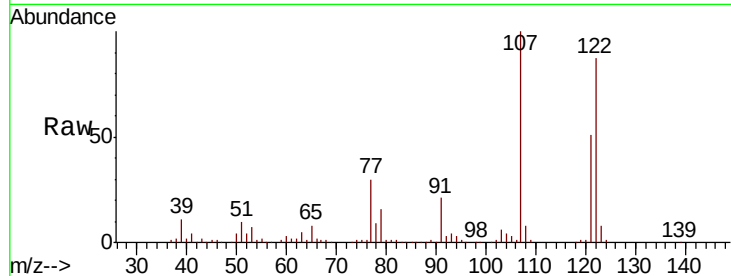




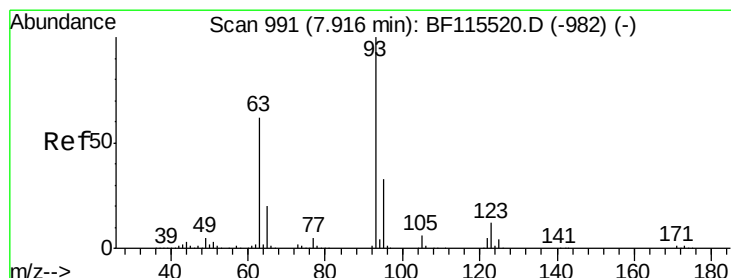
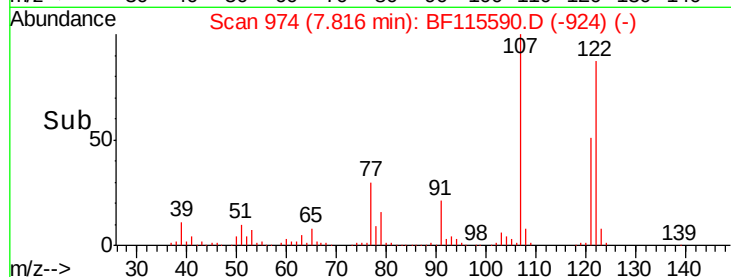
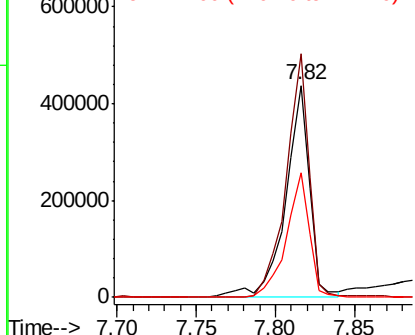
#27
2,4-Dimethylphenol
Concen: 43.453 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 458950
Ion Ratio Lower Upper
122 100
107 115.1 92.9 139.3
121 59.1 46.9 70.3

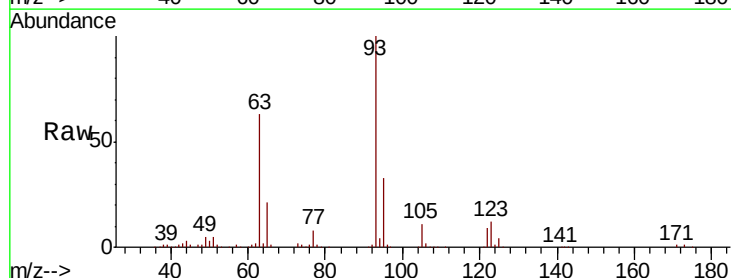


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

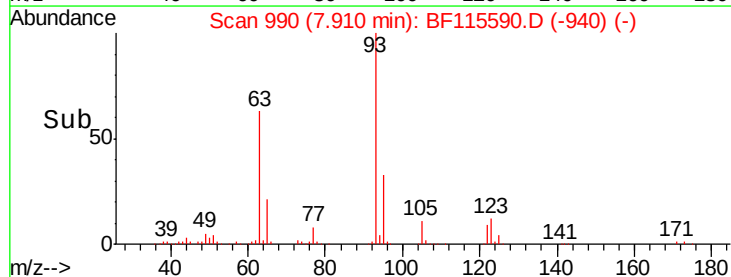
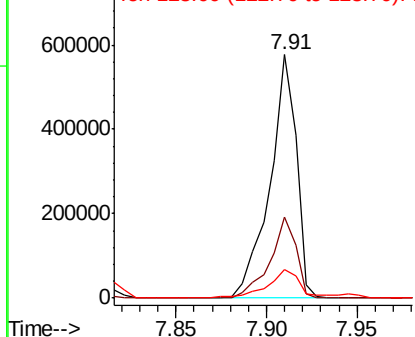


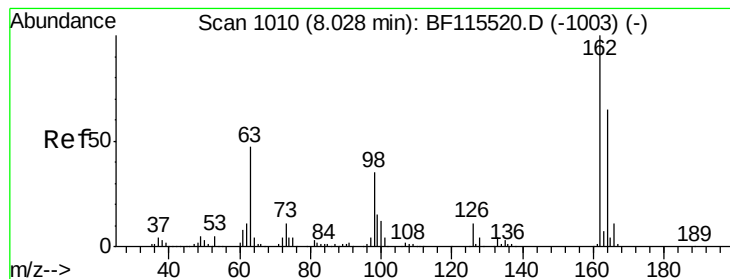
#28
bis(2-Chloroethoxy)methane
Concen: 37.451 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion: 93 Resp: 584559
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.4
123 11.9 9.9 14.9



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: 39.253 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

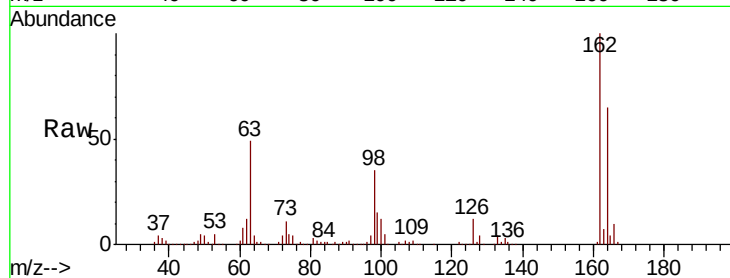
Tot Ion:162 Resp: 431168

Ion Ratio Lower Upper

162 100

164 65.1 44.9 84.9

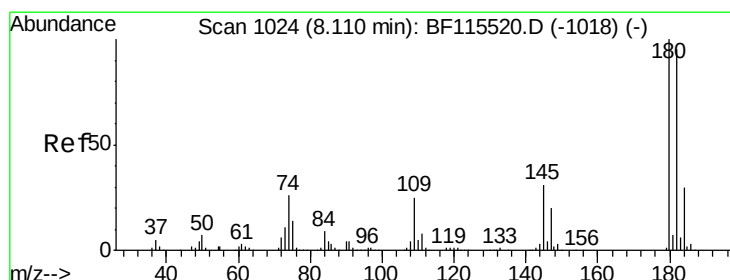
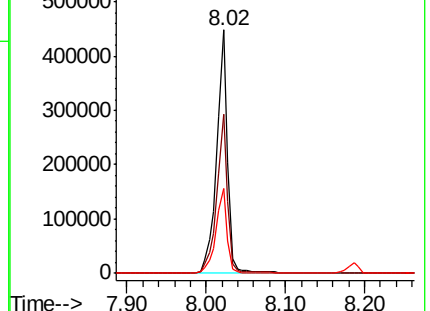
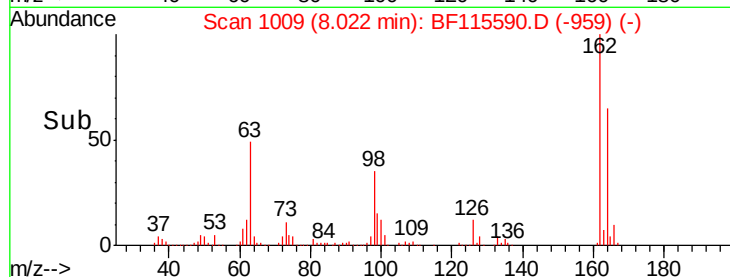
98 35.0 17.7 57.7



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: 37.706 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

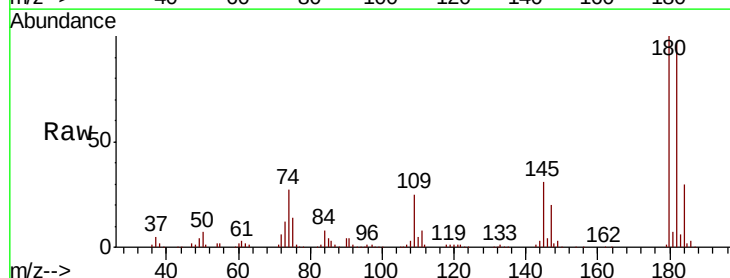
Tgt Ion:180 Resp: 468181

Ion Ratio Lower Upper

180 100

182 96.6 75.0 112.6

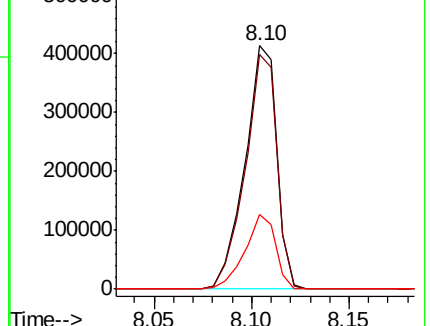
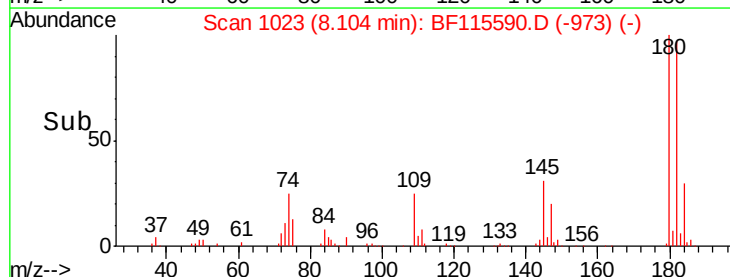
145 30.9 25.1 37.7

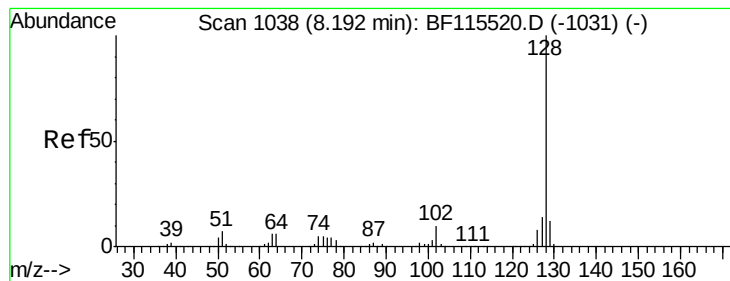


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.245 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

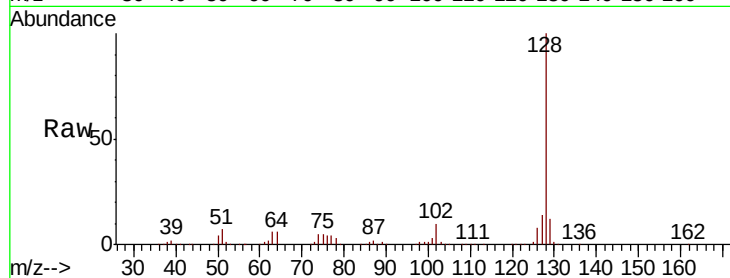
Tot Ion:128 Resp: 1405226

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

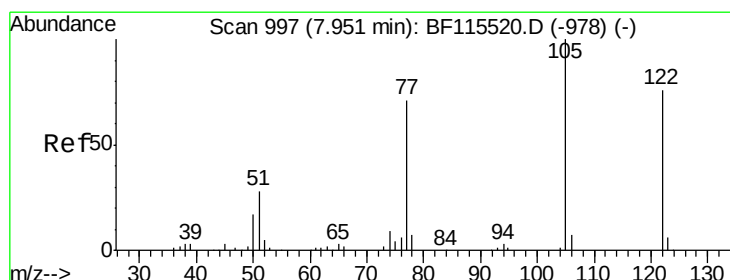
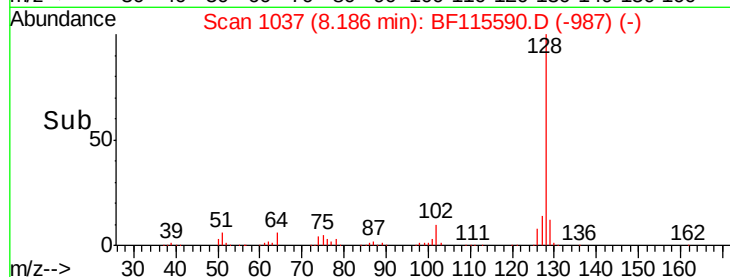
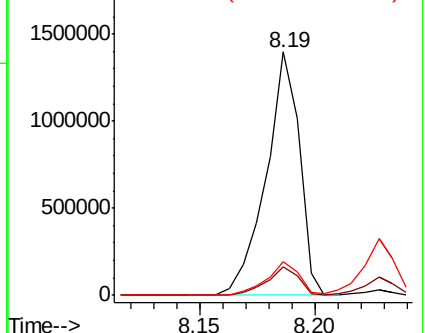
127 13.8 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.262 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

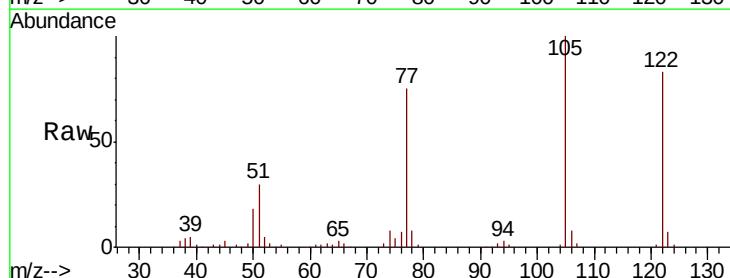
Tgt Ion:122 Resp: 340316

Ion Ratio Lower Upper

122 100

105 120.6 102.5 142.5

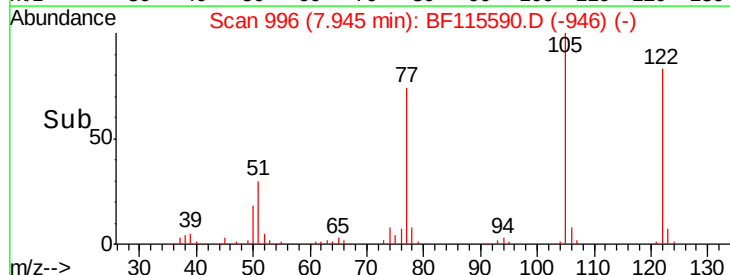
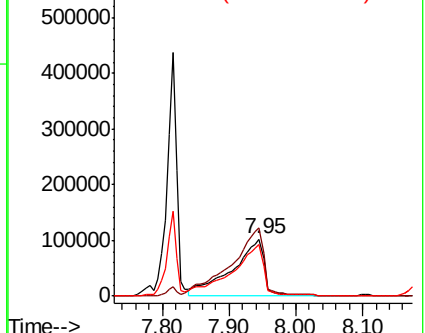
77 90.1 70.2 110.2

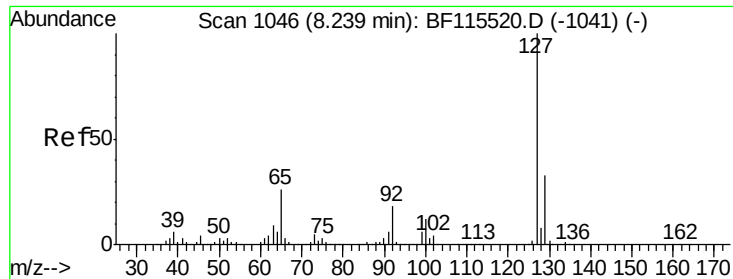


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

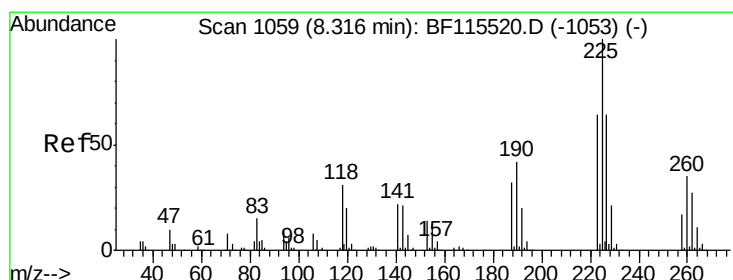
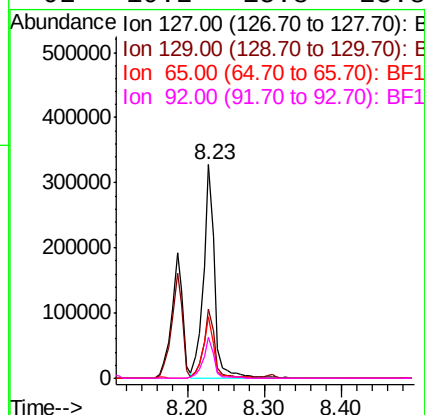
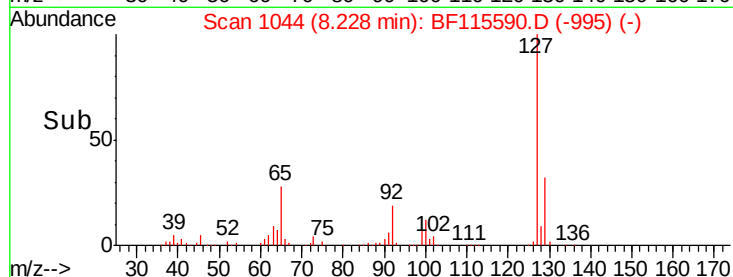
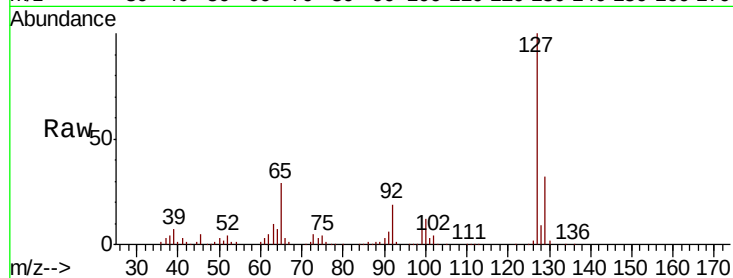




#33
4-Chloroaniline
Concen: 20.884 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

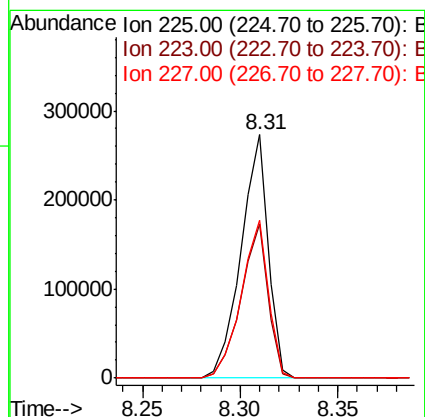
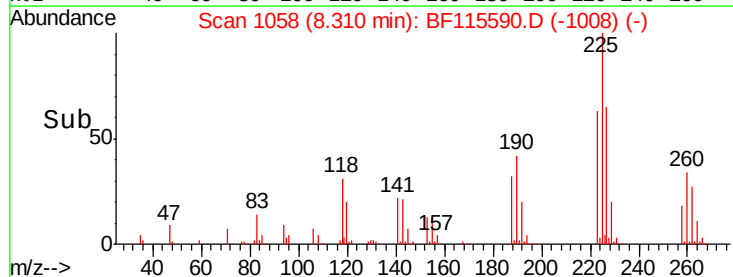
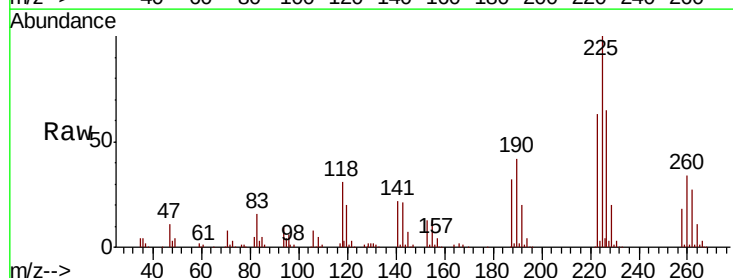
Instrument :
BNA_F
ClientSampleId :

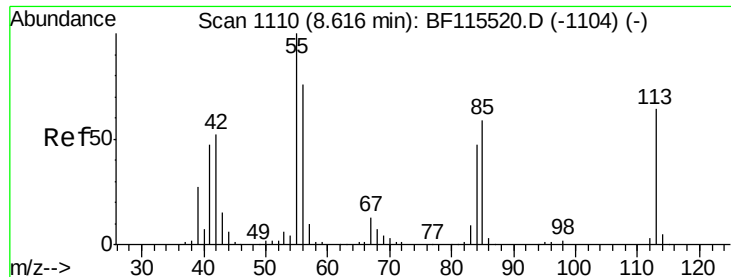
Tot Ion:	127	Resp:	331232
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	28.9	23.7	35.5
92	19.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 37.023 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:	225	Resp:	263618
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	65.0	50.7	76.1

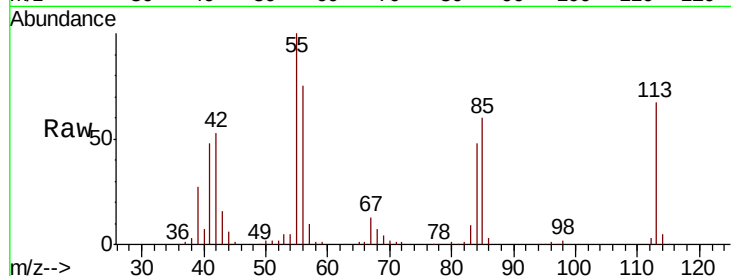




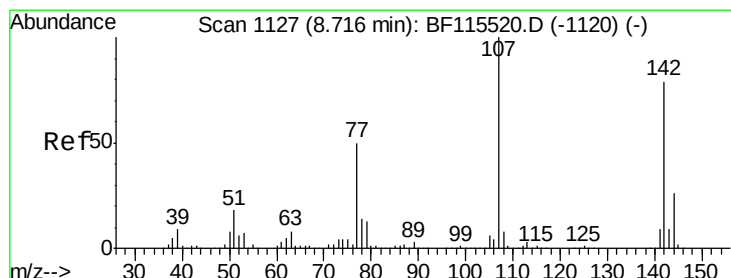
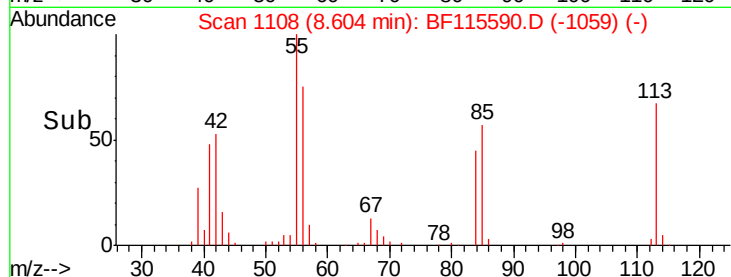
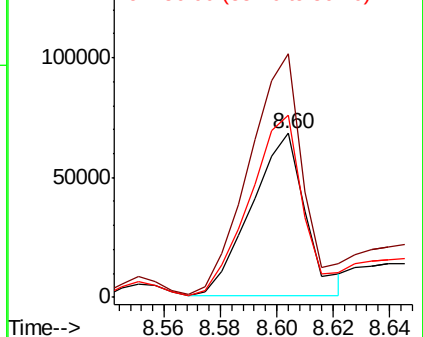
#35
Caprolactam
Concen: 26.443 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 89757
Ion Ratio Lower Upper
113 100
55 148.8 126.9 166.9
56 111.1 90.3 130.3

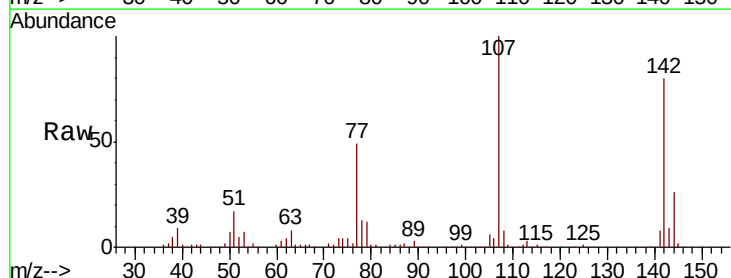


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

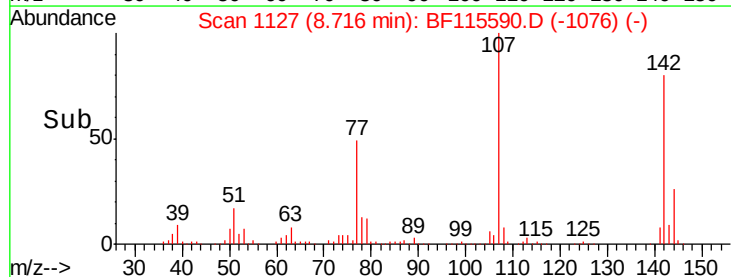
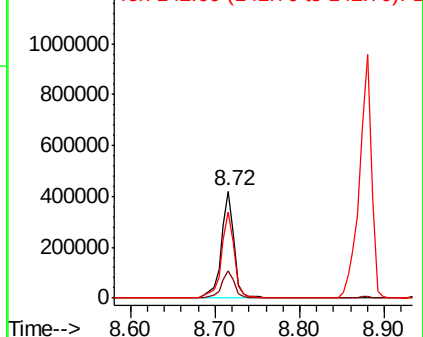


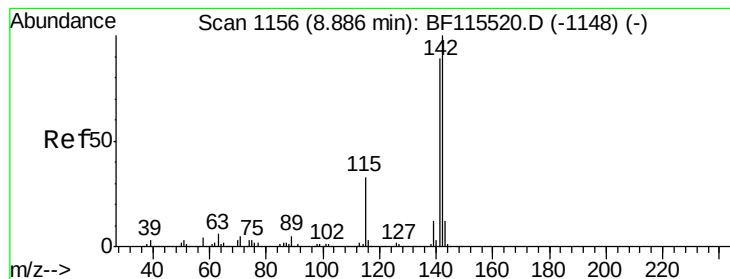
#36
4-Chloro-3-methylphenol
Concen: 38.936 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:107 Resp: 443641
Ion Ratio Lower Upper
107 100
144 25.8 20.6 30.8
142 80.4 63.1 94.7



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

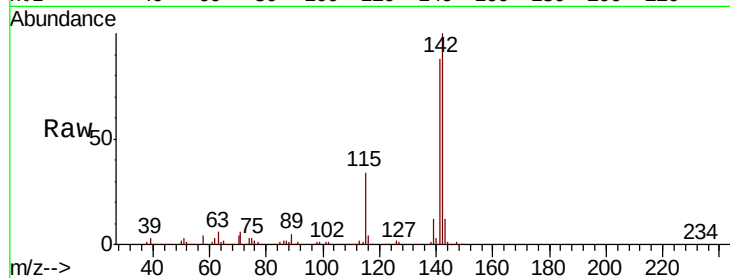




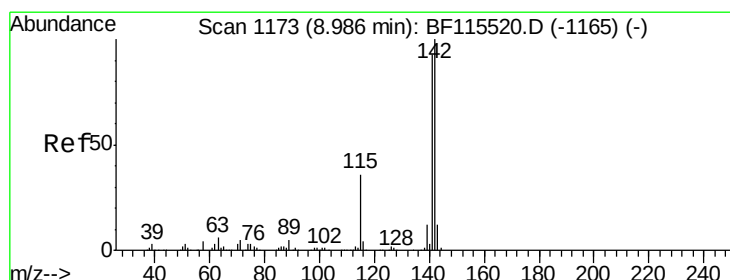
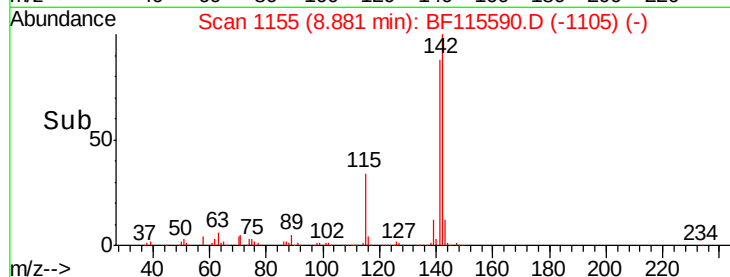
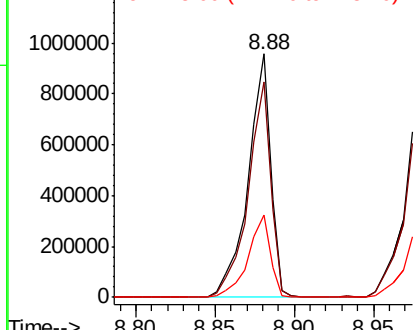
#37
2-Methylnaphthalene
Concen: 39.956 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.0	108.0
115	34.0	29.9	44.9

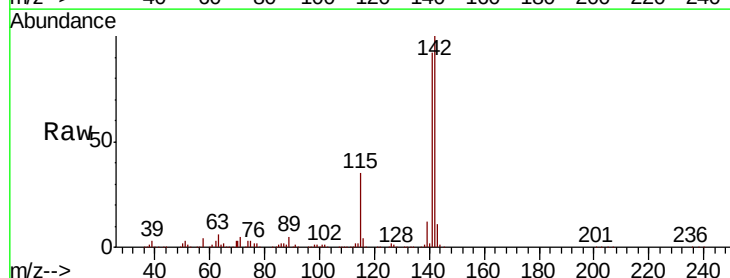


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

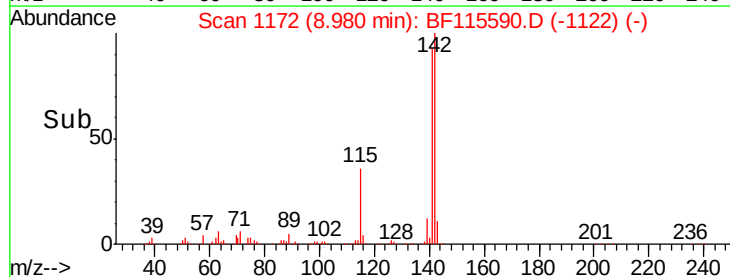
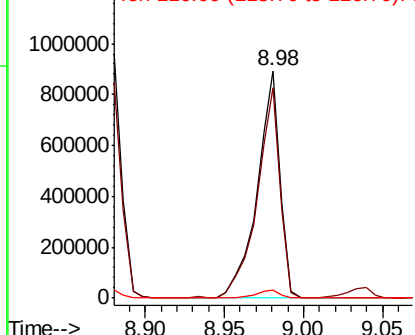


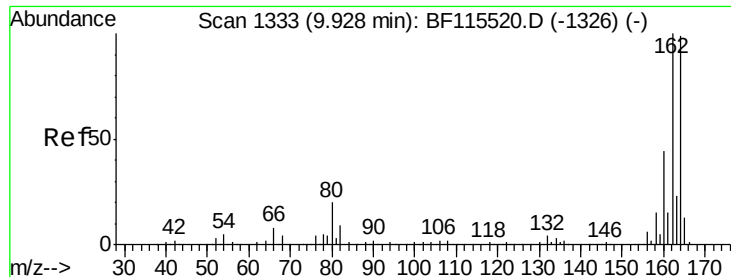
#38
1-Methylnaphthalene
Concen: 39.603 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.3	112.9
116	3.6	3.3	4.9



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

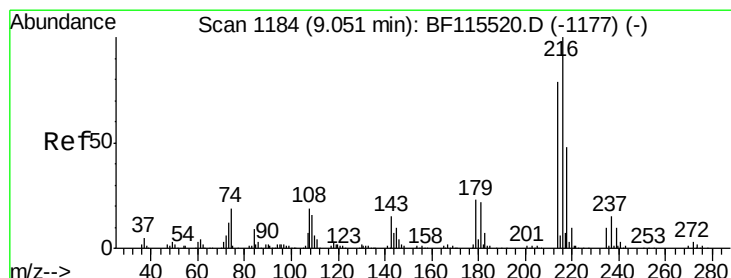
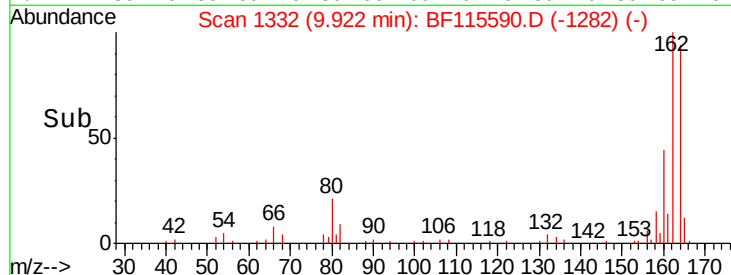
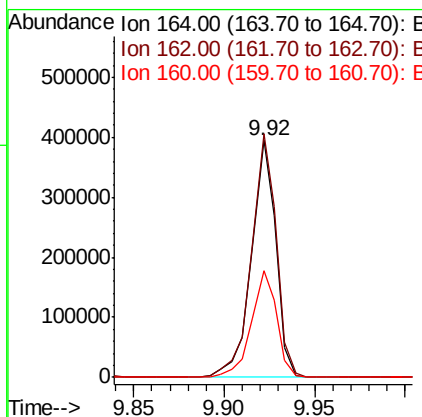
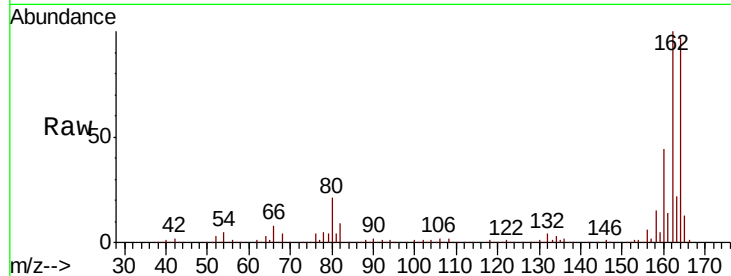




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

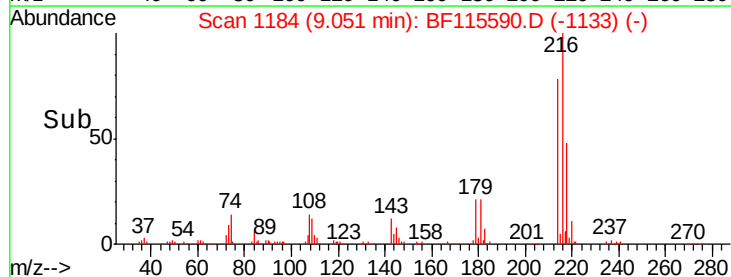
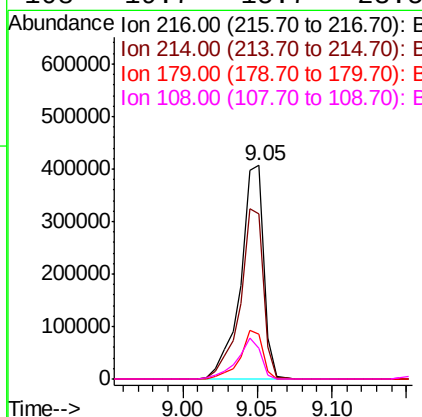
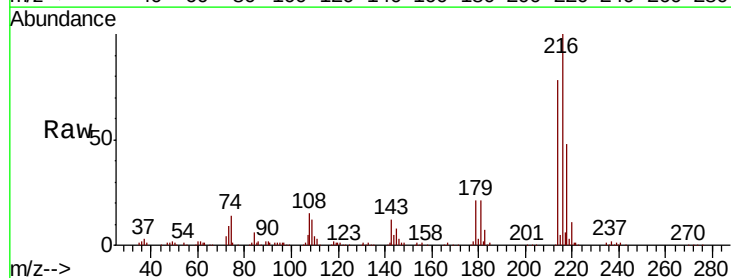
Instrument :
BNA_F
ClientSampleId :

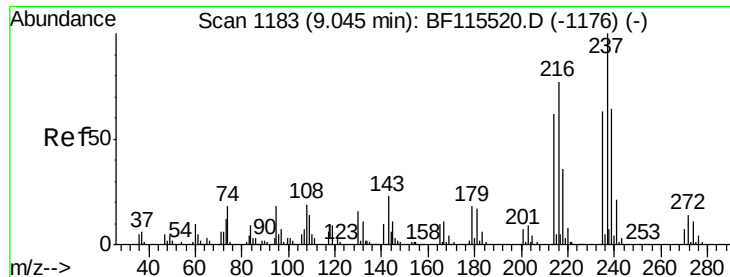
Tot Ion:164 Resp: 368740
Ion Ratio Lower Upper
164 100
162 102.7 82.9 124.3
160 44.9 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.455 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:216 Resp: 438108
Ion Ratio Lower Upper
216 100
214 79.4 65.1 97.7
179 21.9 18.3 27.5
108 19.7 15.7 23.5

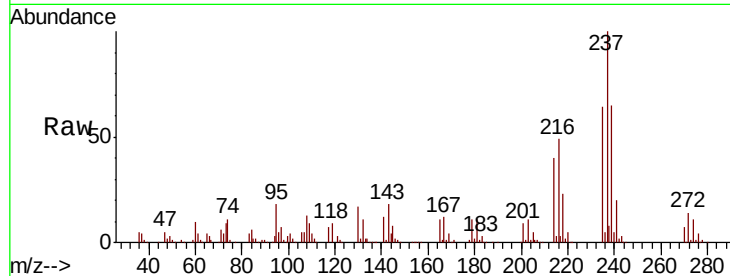




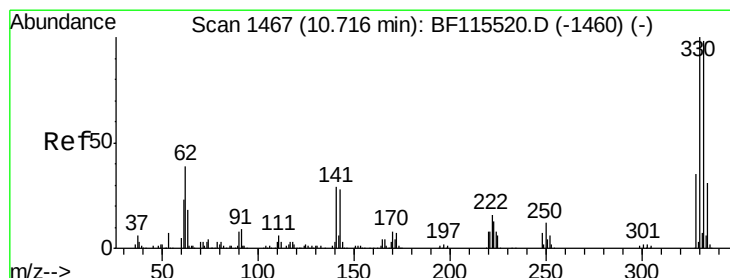
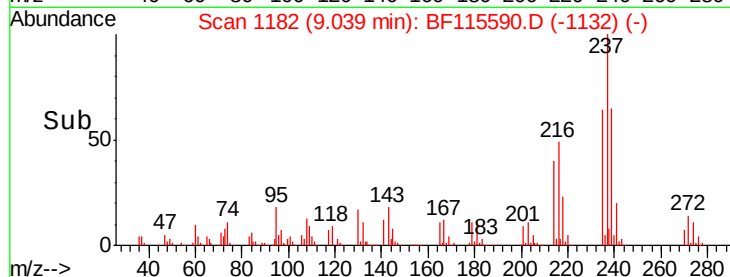
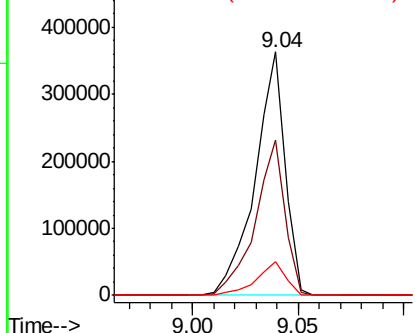
#41
Hexachlorocyclopentadiene
Concen: 56.652 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 358846
Ion Ratio Lower Upper
237 100
235 63.6 43.6 83.6
272 13.7 0.0 33.9

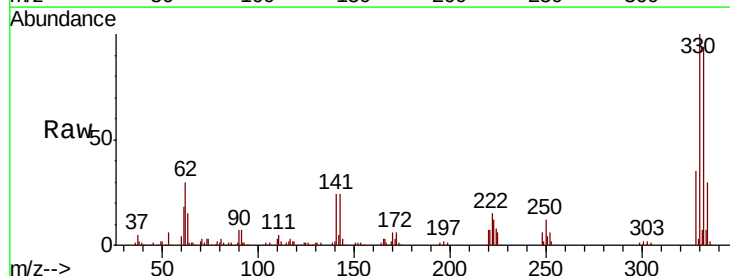


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

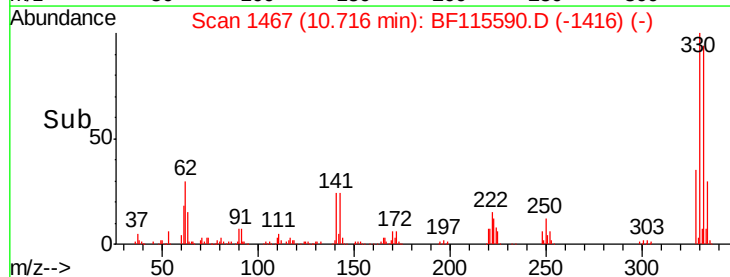
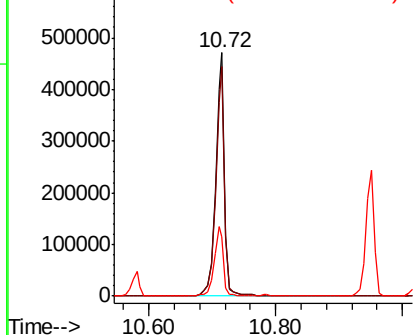


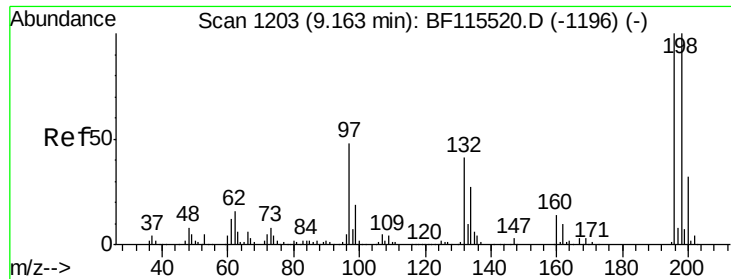
#42
2,4,6-Tribromophenol
Concen: 109.962 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:330 Resp: 473285
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.2
141 30.1 22.4 33.6



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

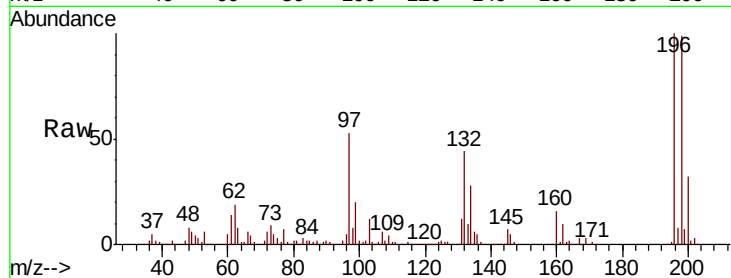




#43
 2,4,6-Trichlorophenol
 Concen: 38.227 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	310417
Ion Ratio	Lower	Upper	
196	100		
198	98.5	80.6	121.0
200	32.1	25.8	38.6

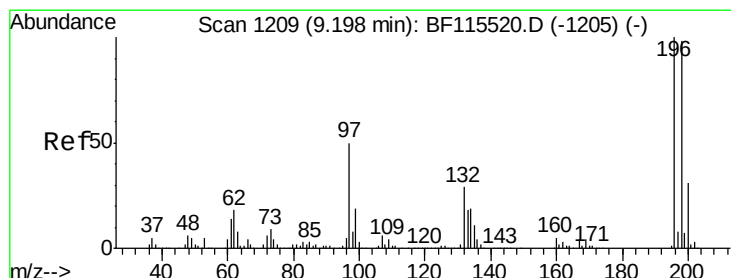
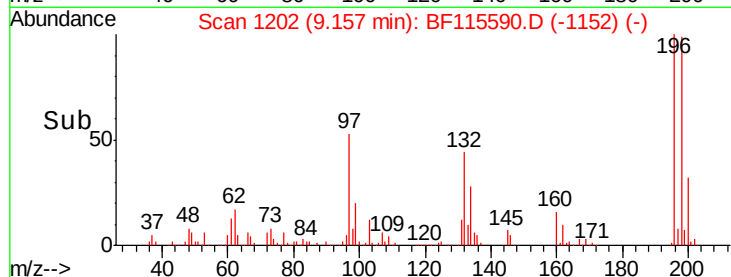
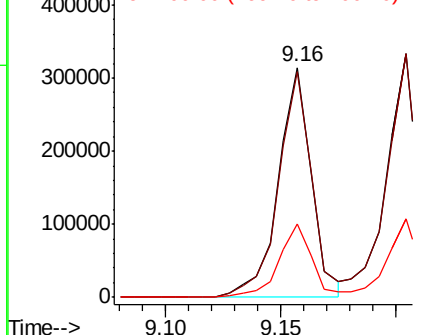


Abundance

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: 38.846 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	196	Resp	323044
Ion Ratio	Lower	Upper	
196	100		
198	100.1	79.6	119.4
97	46.4	37.8	56.6
132	28.4	22.8	34.2

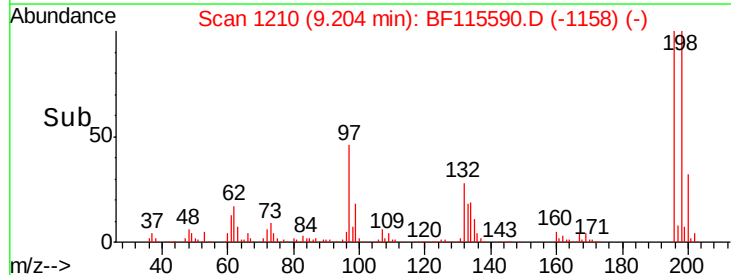
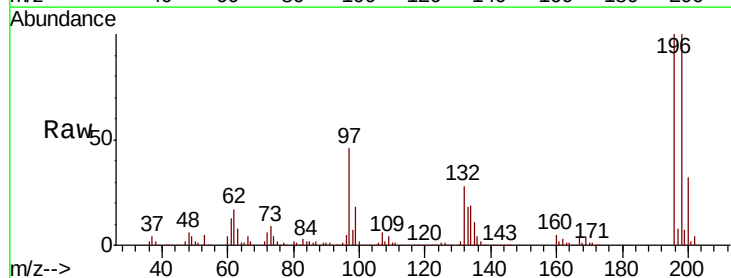
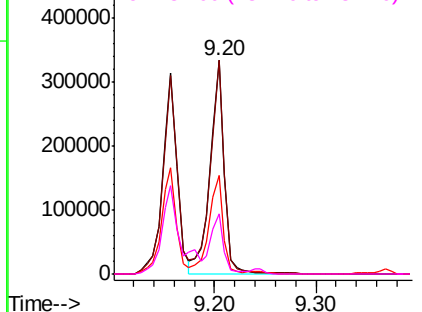
Abundance

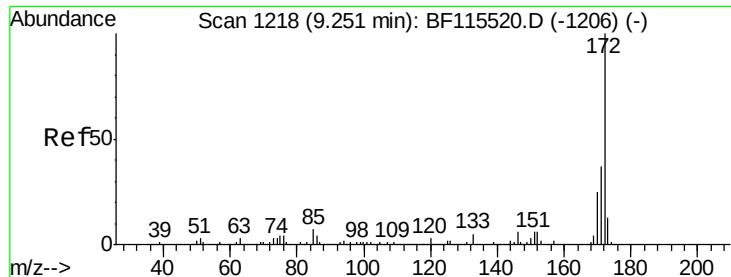
Ion 196.00 (195.70 to 196.70): E

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

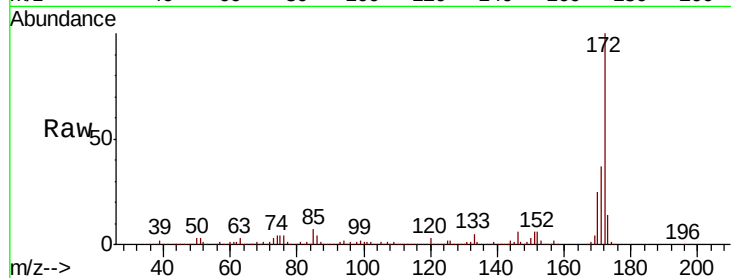




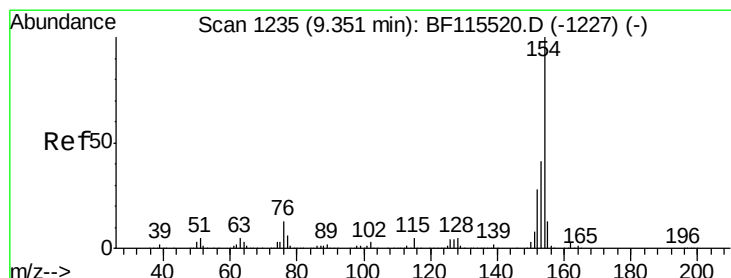
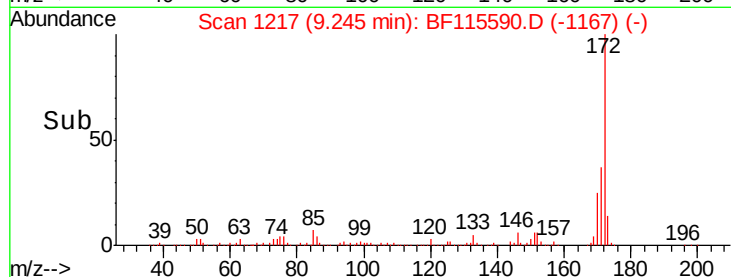
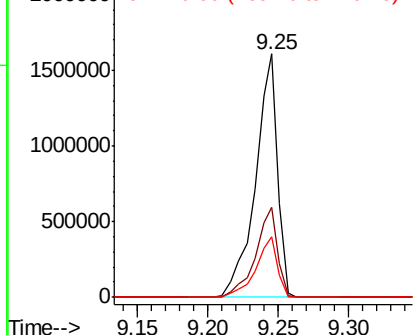
#45
2-Fluorobiphenyl
Concen: 84.239 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1774692
Ion Ratio Lower Upper
172 100
171 37.2 30.6 46.0
170 24.9 20.5 30.7

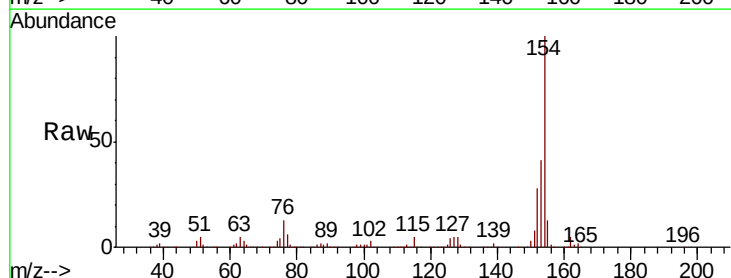


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

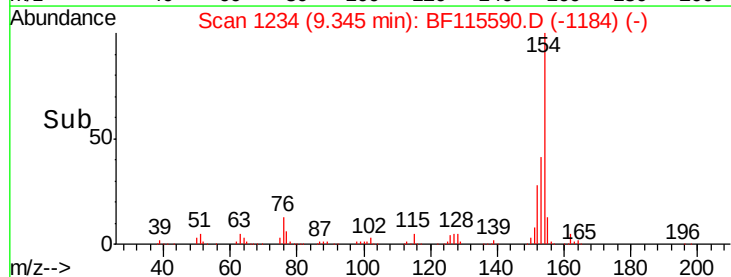
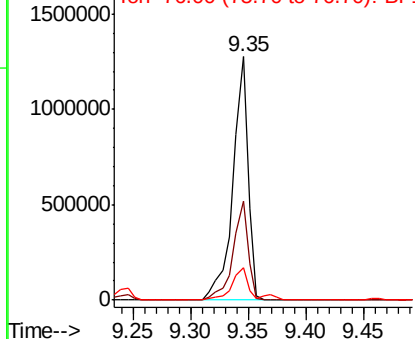


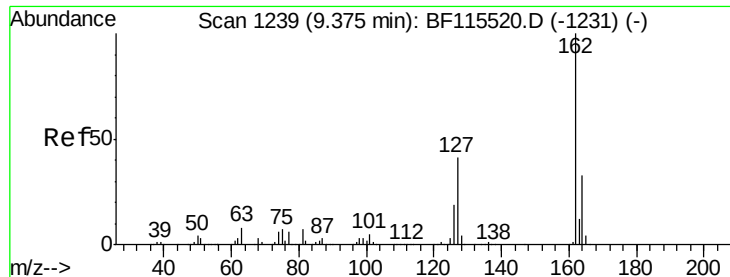
#46
1,1'-Biphenyl
Concen: 40.261 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:154 Resp: 1160628
Ion Ratio Lower Upper
154 100
153 40.7 22.6 62.6
76 13.1 0.0 33.4



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

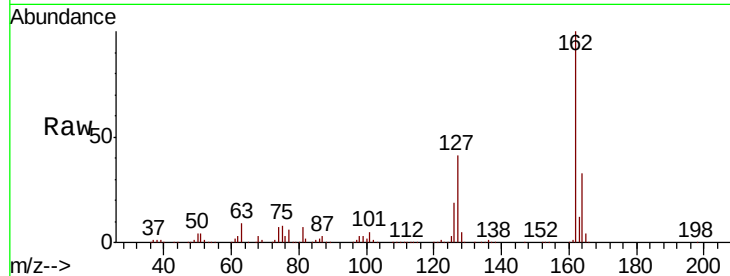




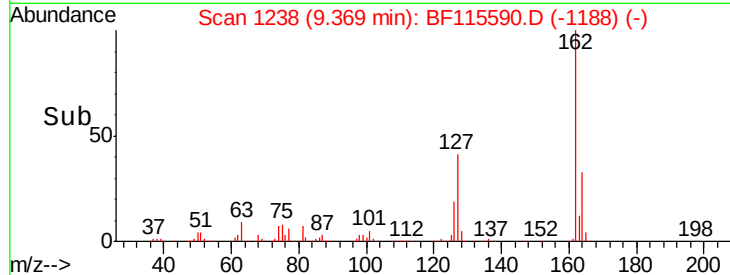
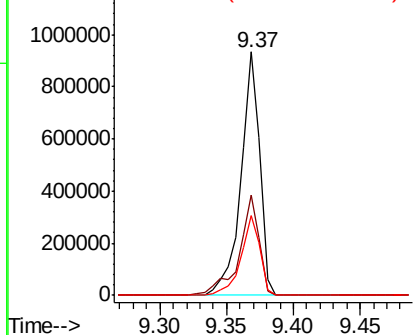
#47
 2-Chloronaphthalene
 Concen: 38.094 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.1	51.1
164	32.5	27.4	41.2

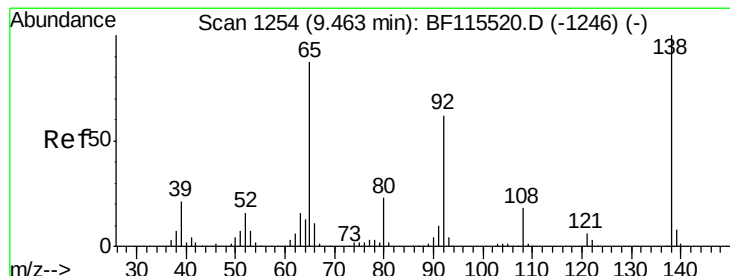


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

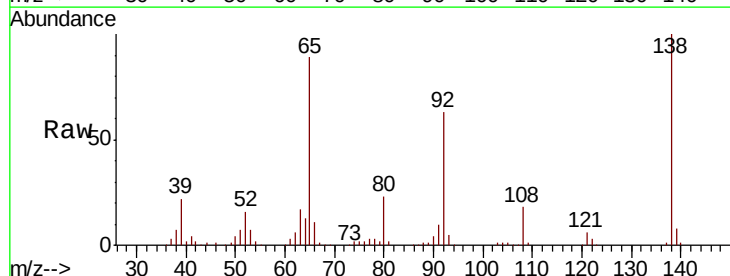
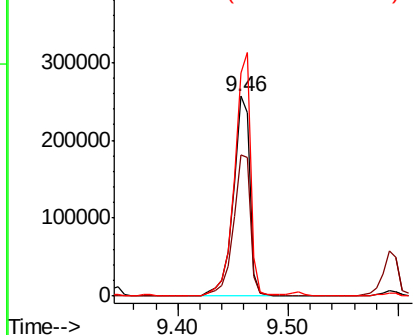


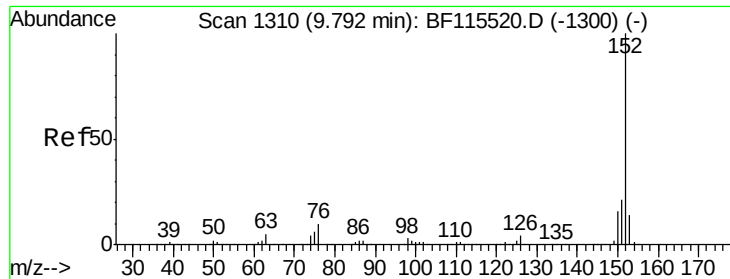
#48
 2-Nitroaniline
 Concen: 36.586 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.8	86.6
138	112.0	91.2	136.8



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





#49

Acenaphthylene

Concen: 38.753 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

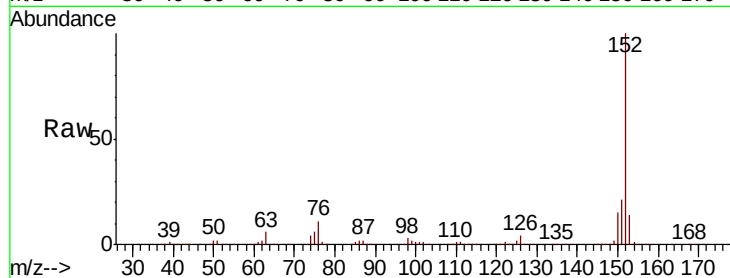
Tot Ion:152 Resp: 1378336

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

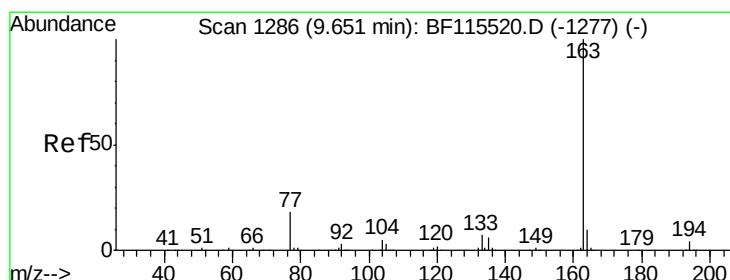
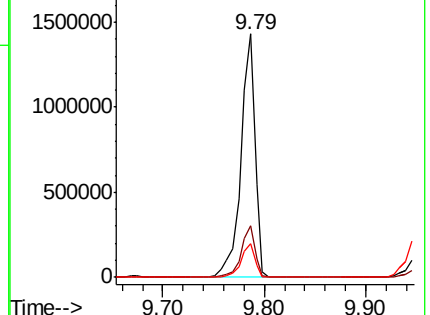
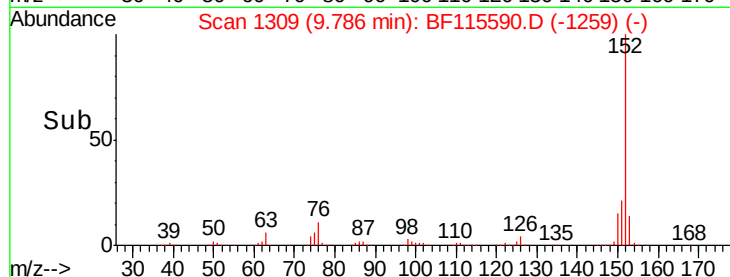
153 14.0 12.0 18.0



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: 37.986 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

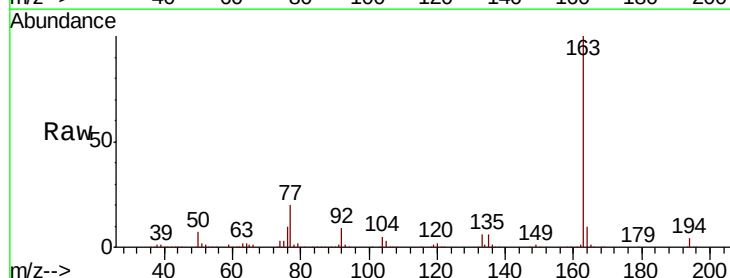
Tgt Ion:163 Resp: 1053830

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

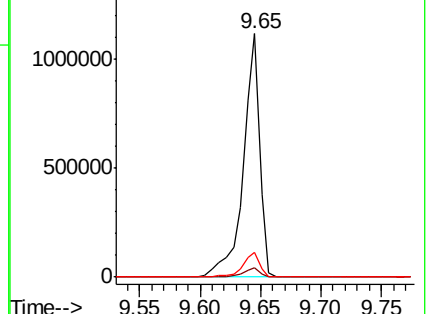
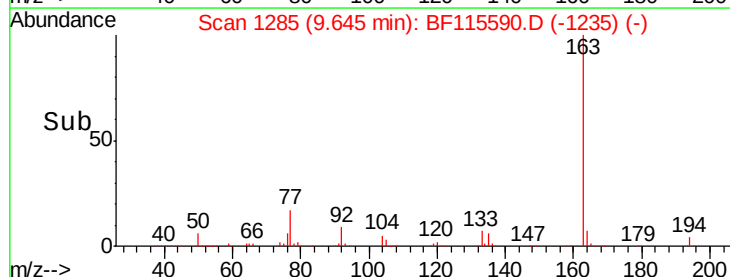
164 10.4 8.7 13.1

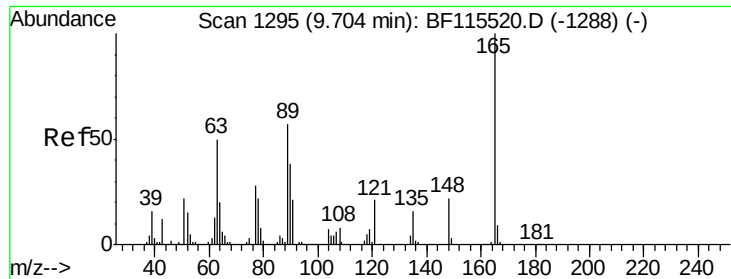


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

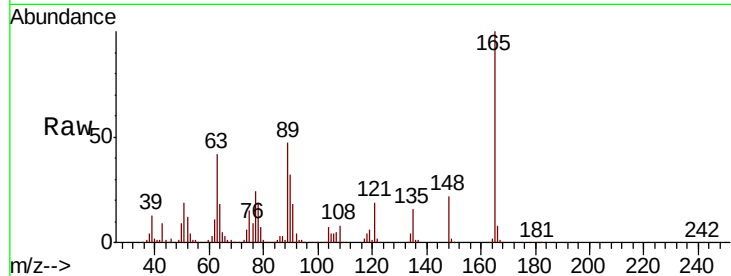




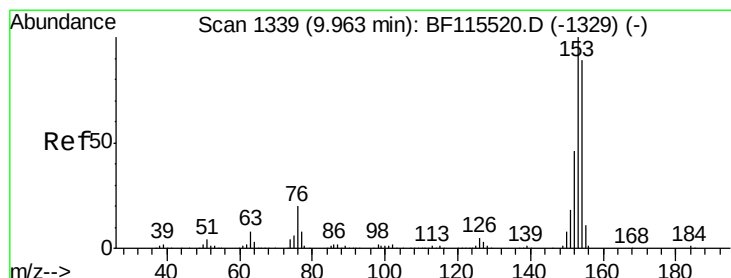
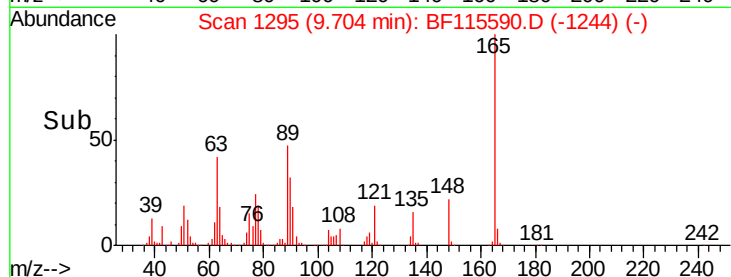
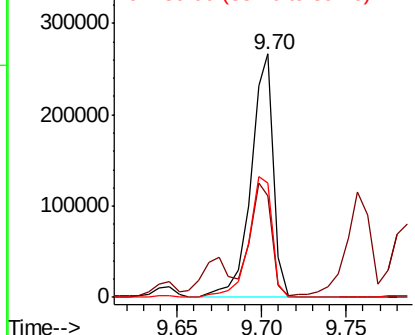
#51
2,6-Dinitrotoluene
Concen: 39.272 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	40.6	61.0
89	47.2	43.9	65.9

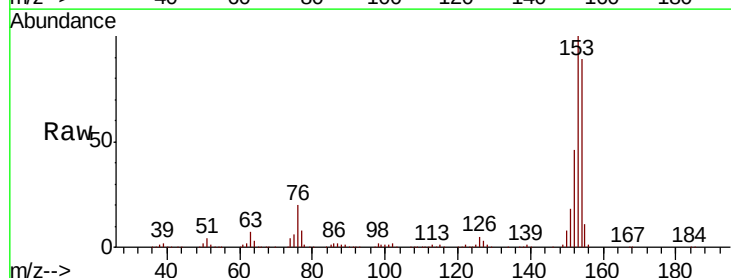


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

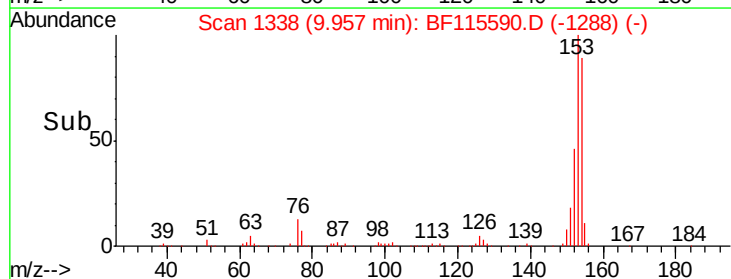
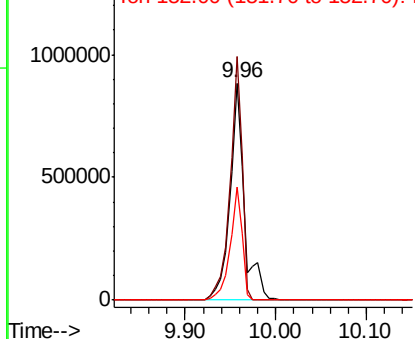


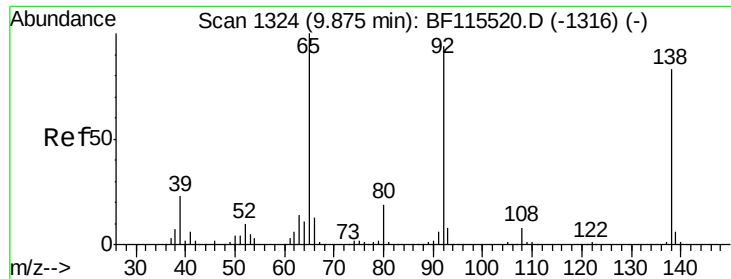
#52
Acenaphthene
Concen: 42.360 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.6	133.0
152	51.9	42.3	63.5



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

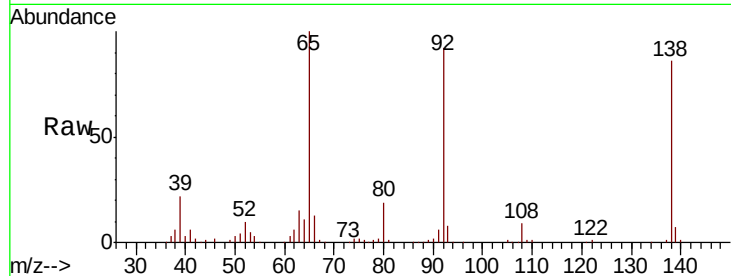




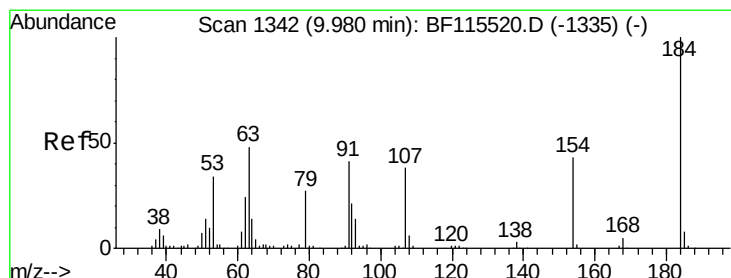
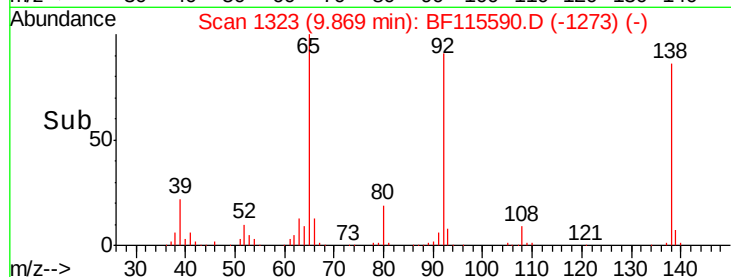
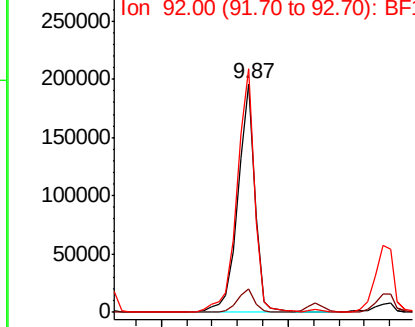
#53
3-Nitroaniline
Concen: 24.999 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 180114
Ion Ratio Lower Upper
138 100
108 10.2 8.4 12.6
92 106.5 88.0 132.0

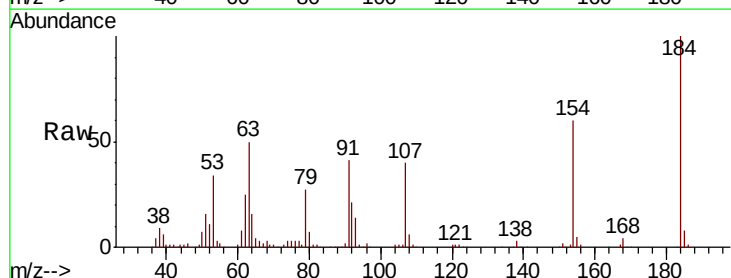


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

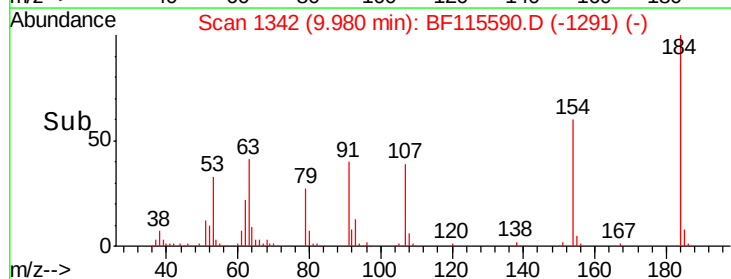
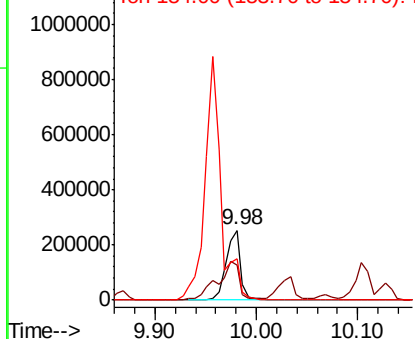


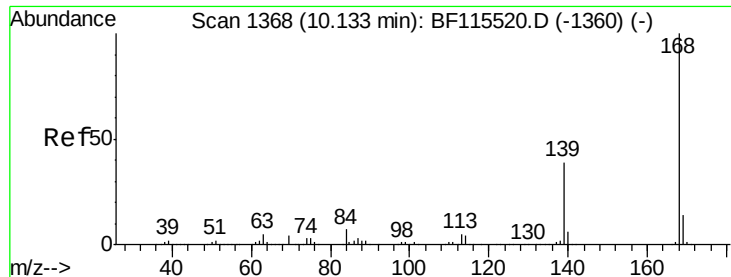
#54
2,4-Dinitrophenol
Concen: 77.472 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:184 Resp: 250774
Ion Ratio Lower Upper
184 100
63 49.9 48.7 73.1
154 59.8 48.6 73.0



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





#55

Dibenzofuran

Concen: 37.993 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

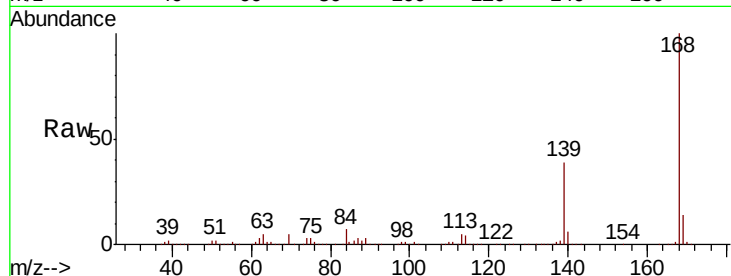
Tot Ion:168 Resp: 1238936

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

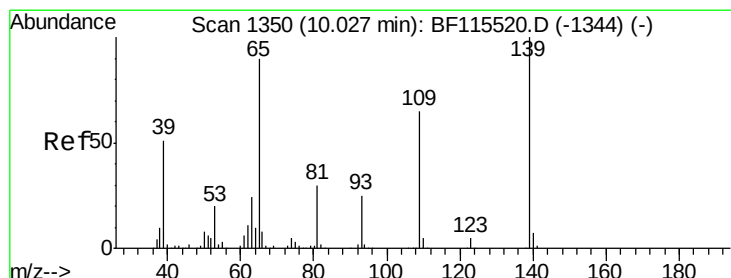
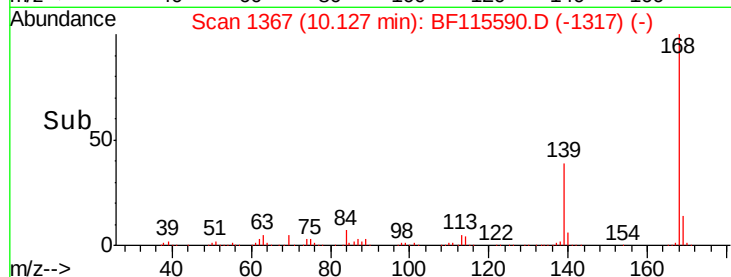
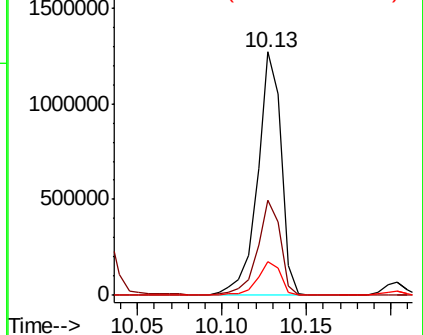
169 14.1 11.1 16.7



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: 69.751 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

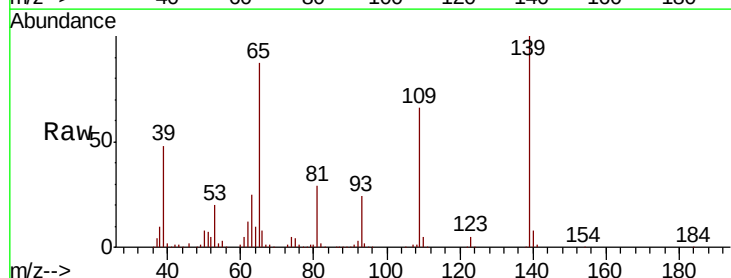
Tgt Ion:139 Resp: 383213

Ion Ratio Lower Upper

139 100

109 65.8 46.4 86.4

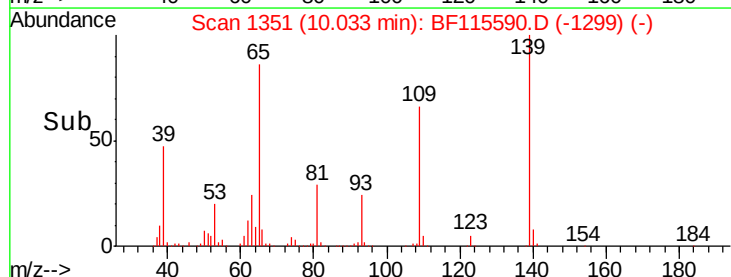
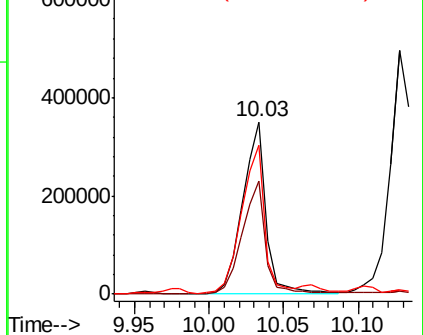
65 86.6 68.9 108.9

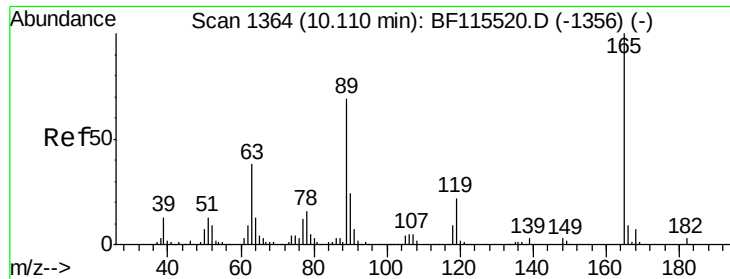


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

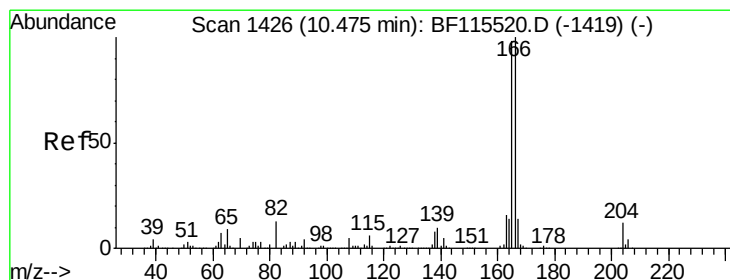
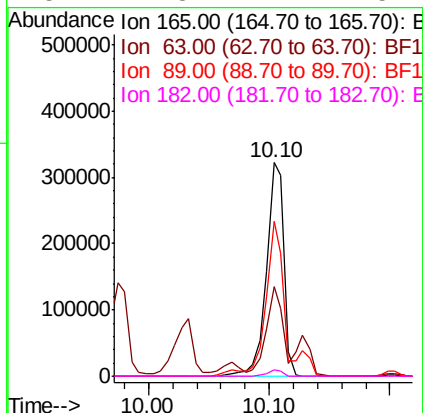
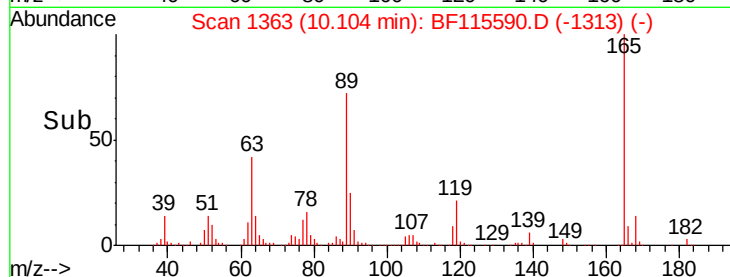
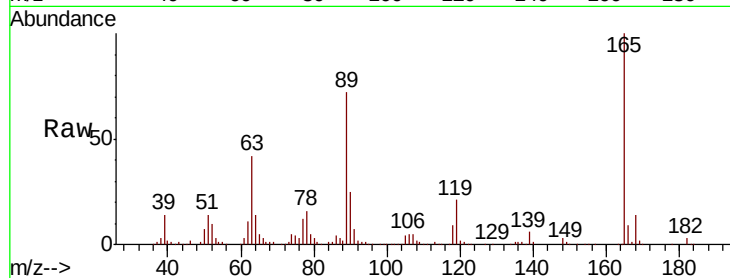




#57
2,4-Dinitrotoluene
Concen: 39.747 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

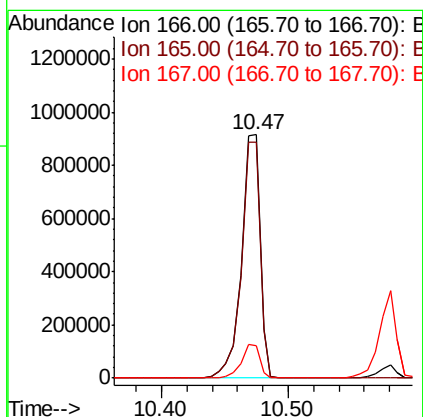
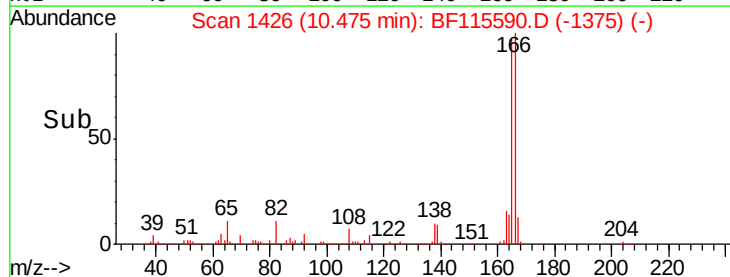
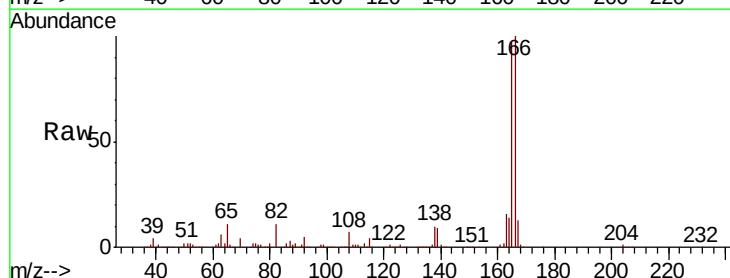
Instrument :
BNA_F
ClientSampled :

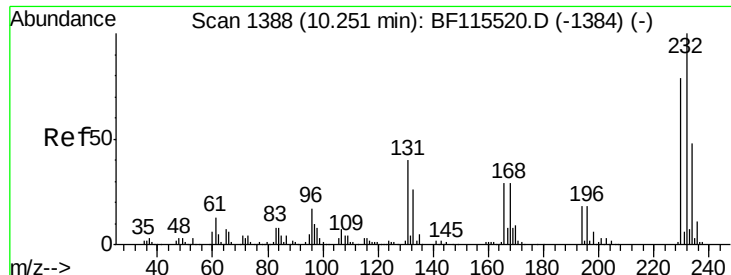
Tot Ion:	165	Resp:	324658
Ion	Ratio	Lower	Upper
165	100		
63	42.2	34.9	52.3
89	72.4	57.5	86.3
182	2.8	2.2	3.4



#58
Fluorene
Concen: 39.642 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:	166	Resp:	924158
Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.8	119.6
167	13.2	11.2	16.8

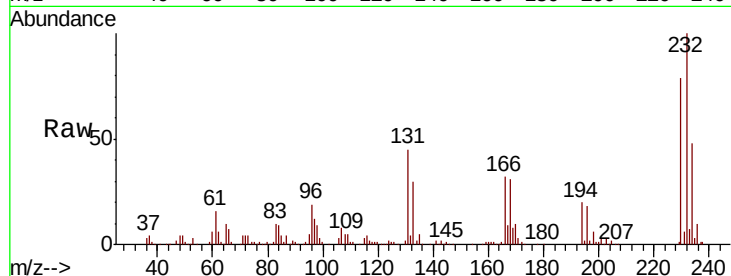




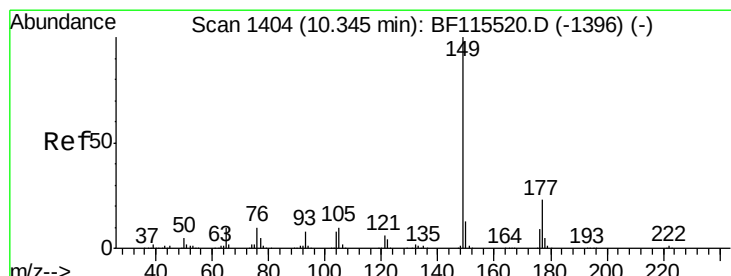
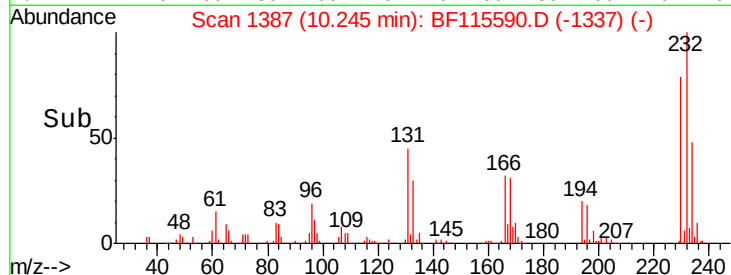
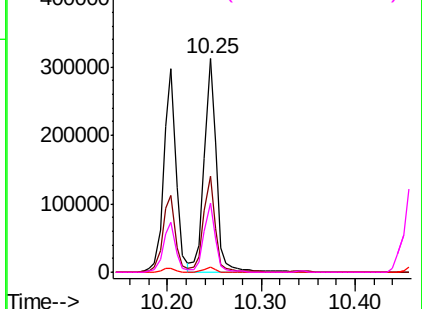
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.601 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.9	53.9
130	2.1	1.8	2.6
166	30.5	24.8	37.2

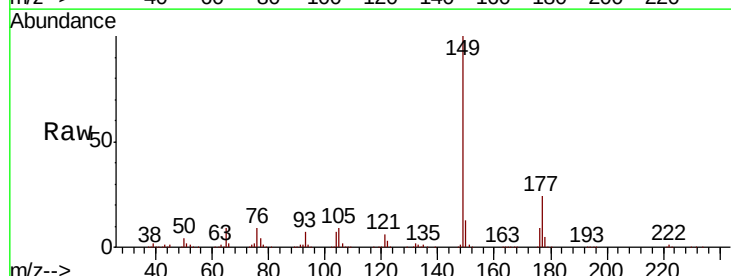


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

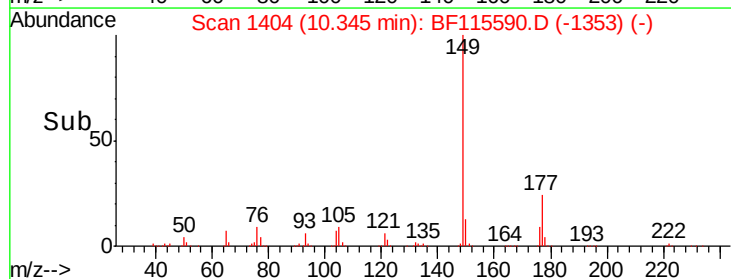
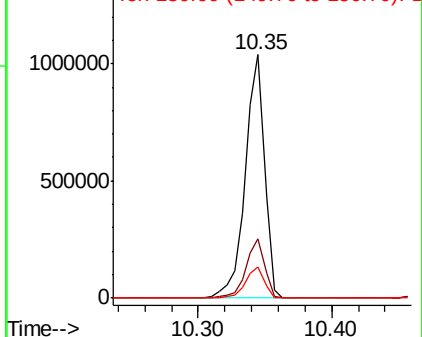


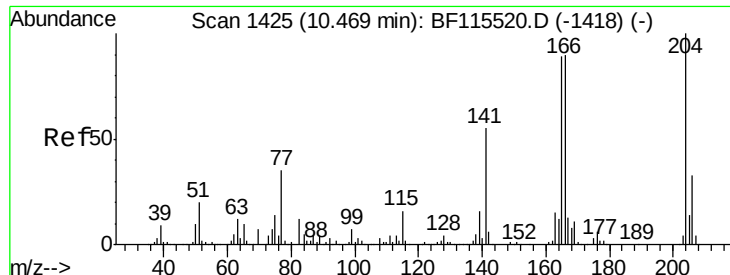
#60
Diethylphthalate
Concen: 39.429 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.5	29.3
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

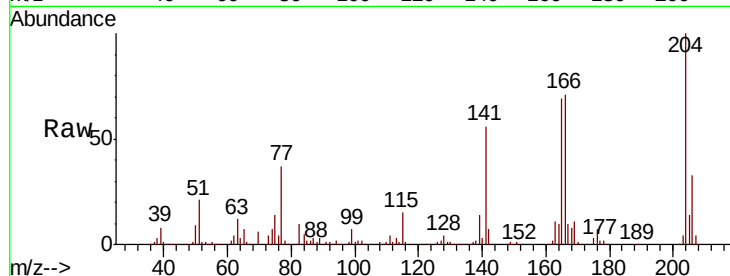




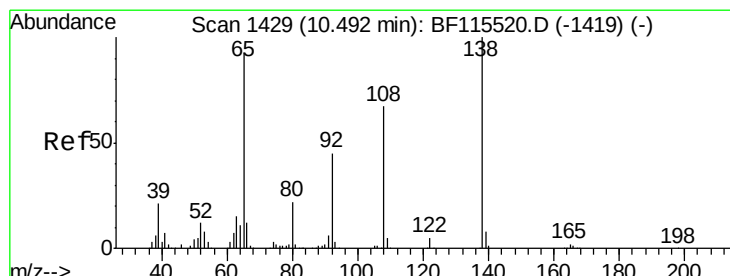
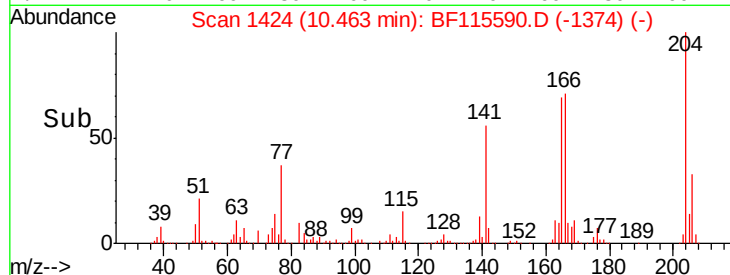
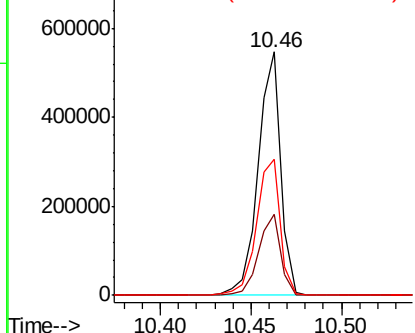
#61
 4-Chlorophenyl-phenylether
 Concen: 36.636 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 473627
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 56.0 44.2 66.2

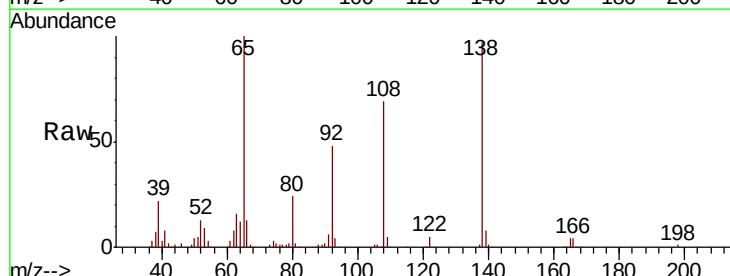


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

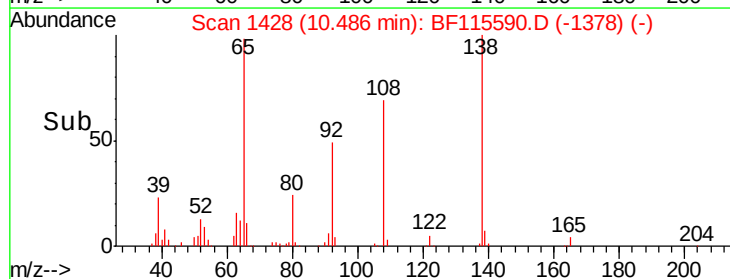
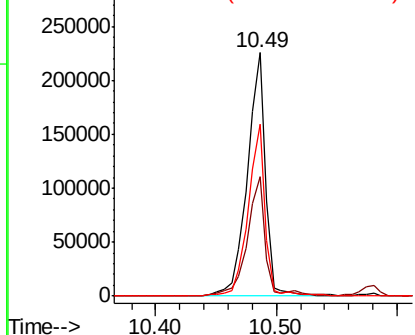


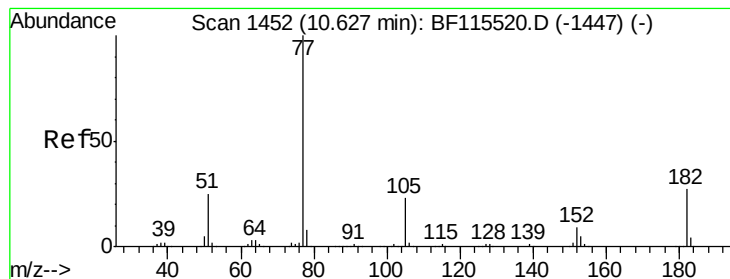
#62
 4-Nitroaniline
 Concen: 34.606 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion:138 Resp: 239163
 Ion Ratio Lower Upper
 138 100
 92 49.2 27.1 67.1
 108 70.7 48.0 88.0



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: 38.948 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 982008

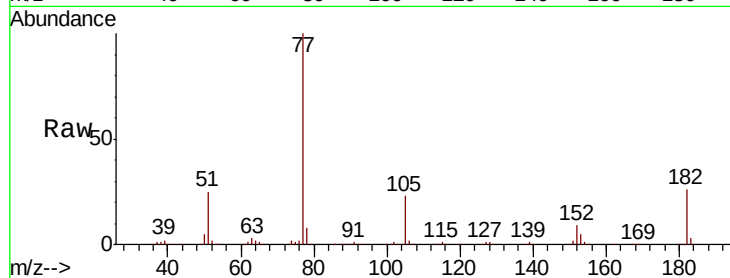
Ion Ratio Lower Upper

77 100

182 26.3 6.9 46.9

105 22.9 3.9 43.9

51 25.3 7.3 47.3

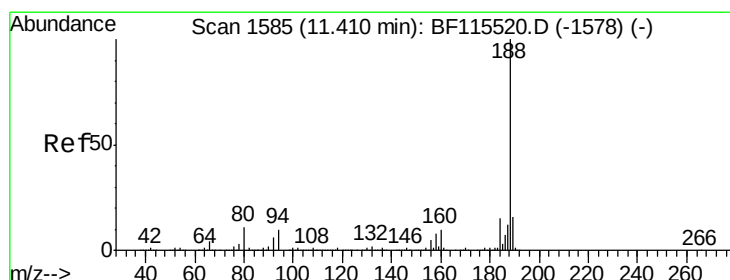
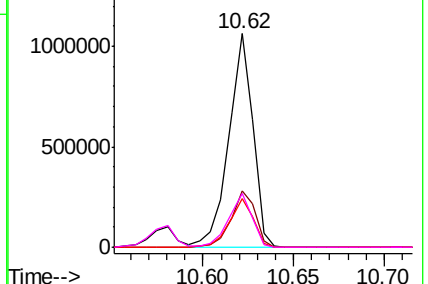
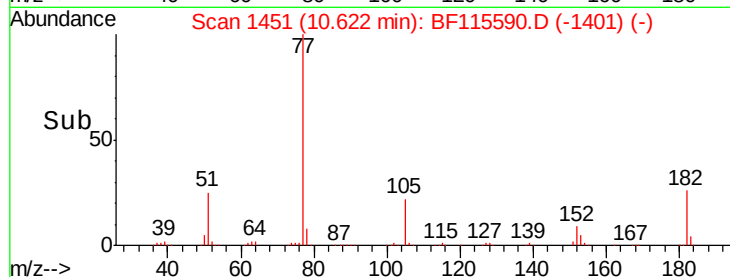


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

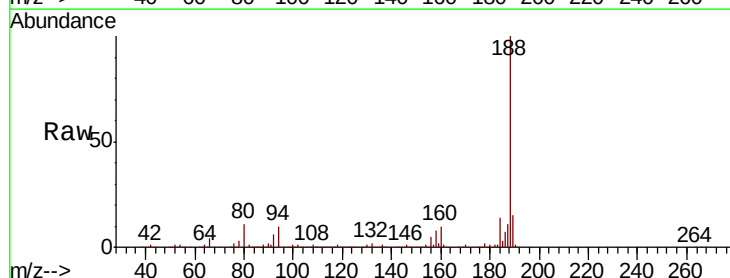
Tgt Ion: 188 Resp: 710939

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

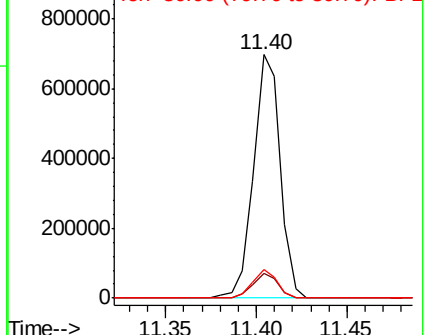
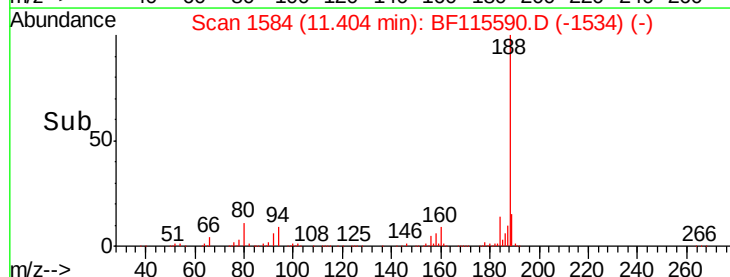
80 11.5 8.6 13.0

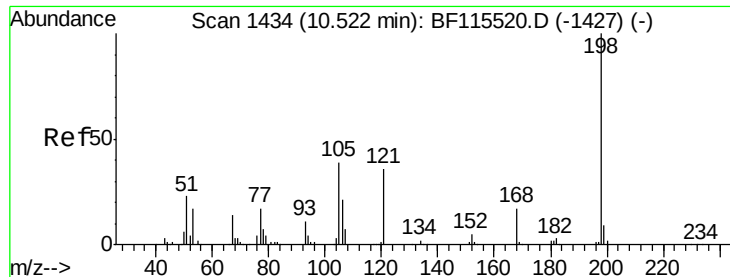


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

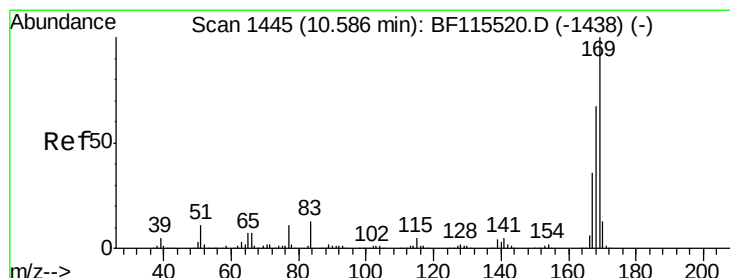
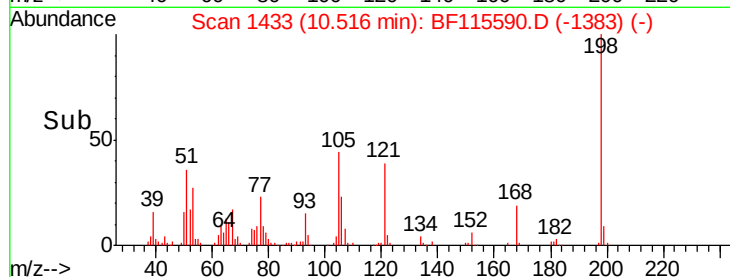
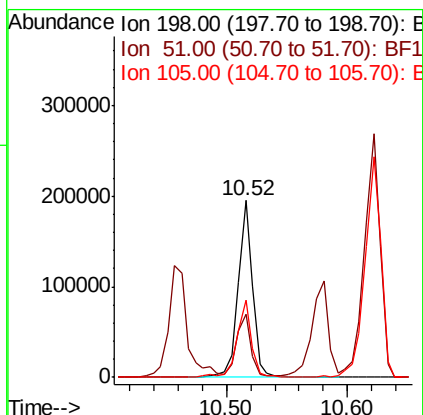
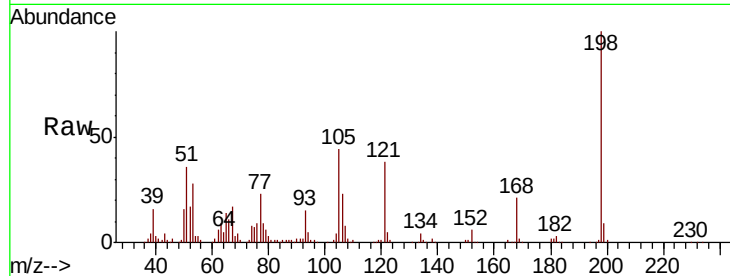




#65
4,6-Dinitro-2-methylphenol
Concen: 37.705 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

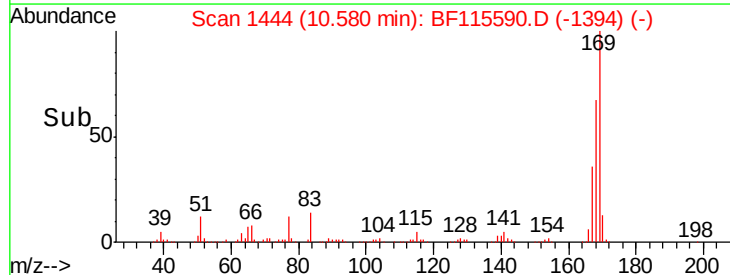
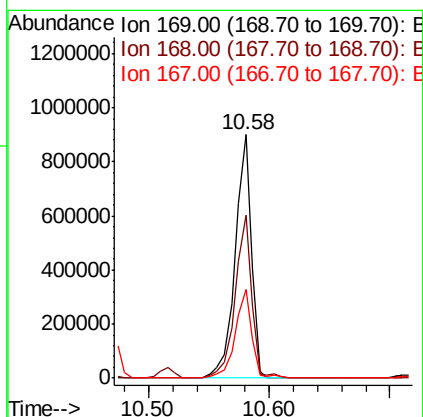
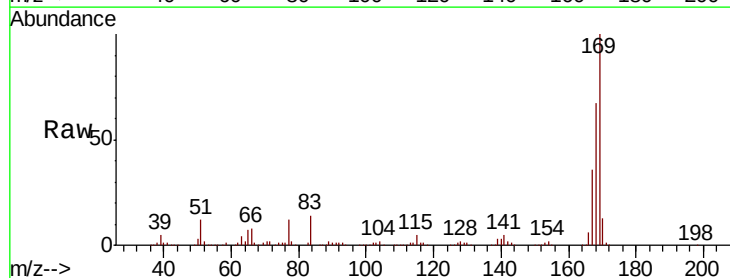
Instrument :
BNA_F
ClientSampleId :

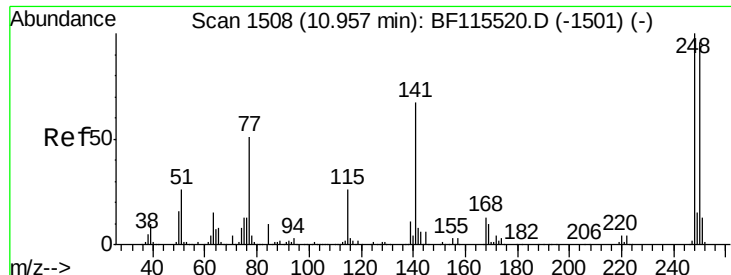
Tot Ion:198 Resp: 163777
Ion Ratio Lower Upper
198 100
51 35.9 19.1 59.1
105 44.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 38.447 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:169 Resp: 850256
Ion Ratio Lower Upper
169 100
168 67.0 54.3 81.5
167 36.5 30.2 45.2

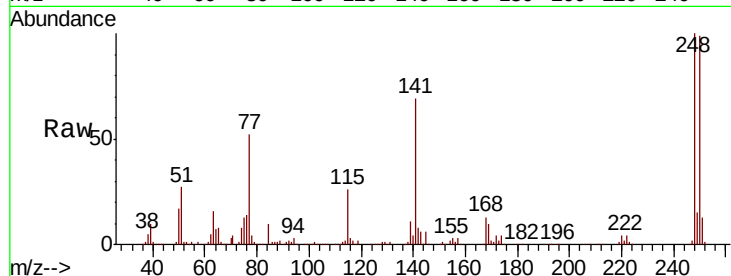




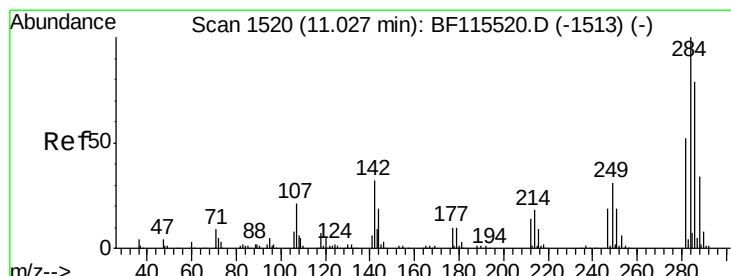
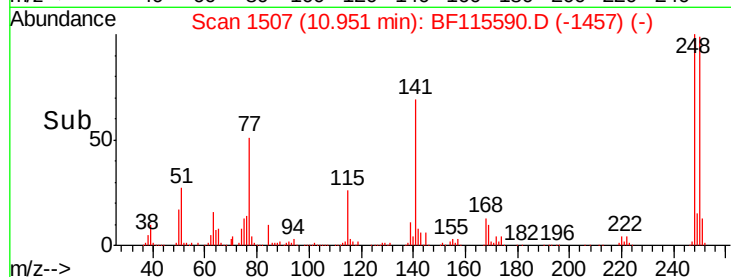
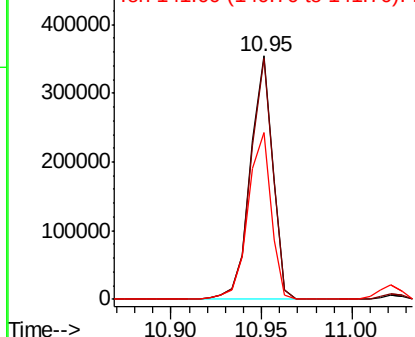
#67
4-Bromophenyl-phenylether
Concen: 37.409 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 303920
Ion Ratio Lower Upper
248 100
250 99.1 78.0 117.0
141 68.6 57.7 86.5

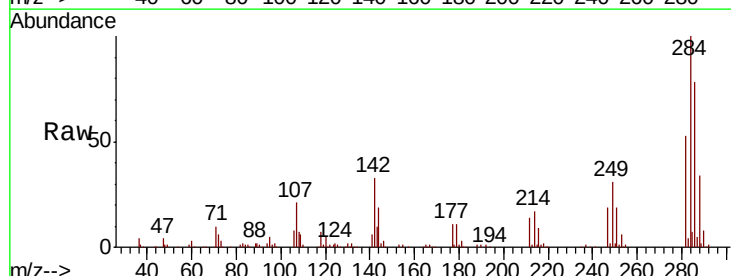


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

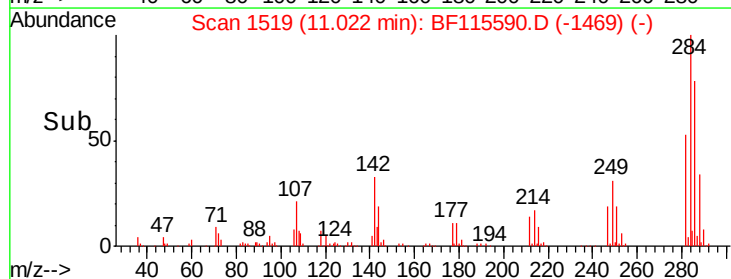
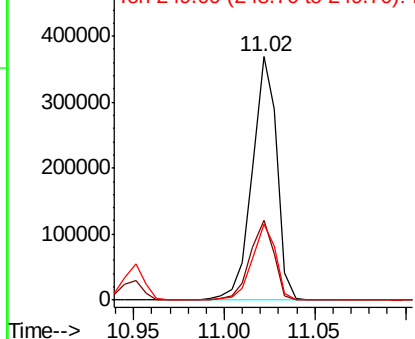


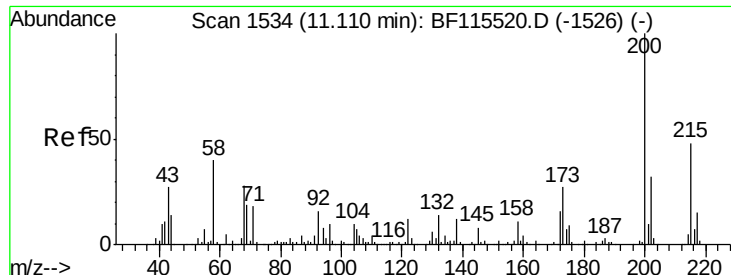
#68
Hexachlorobenzene
Concen: 37.404 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:284 Resp: 347036
Ion Ratio Lower Upper
284 100
142 32.7 22.2 33.2
249 31.2 23.4 35.2



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

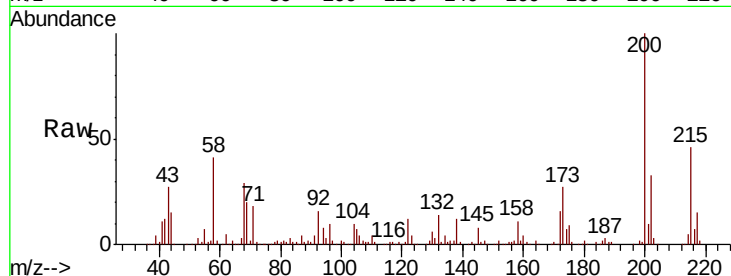




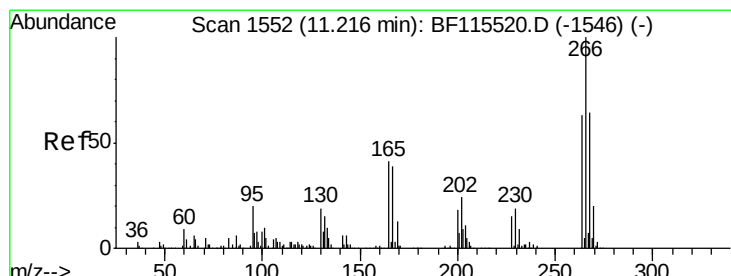
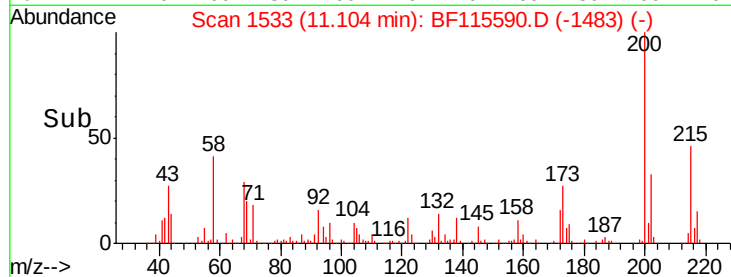
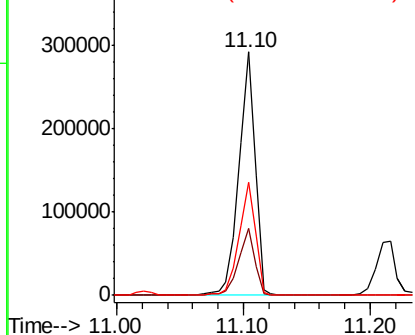
#69
 Atrazine
 Concen: 35.353 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 256485
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.9 46.9
 215 46.3 27.9 67.9

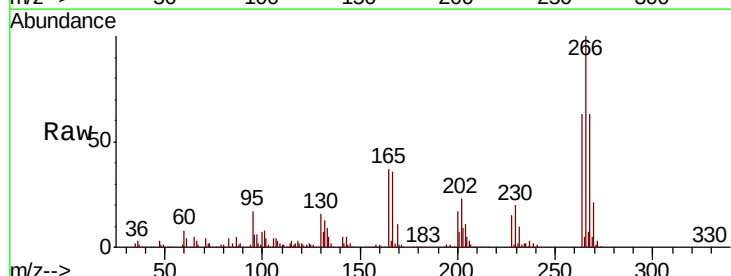


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

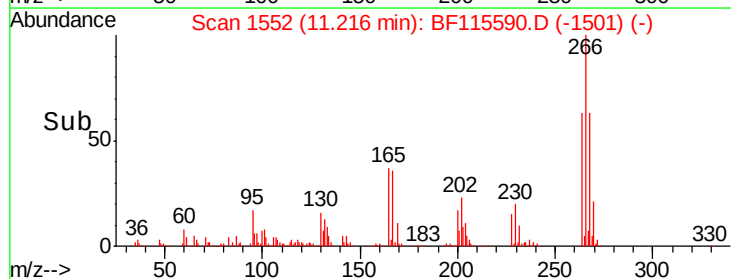
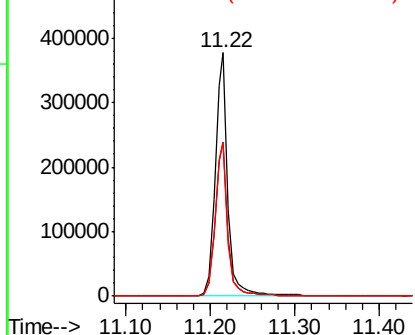


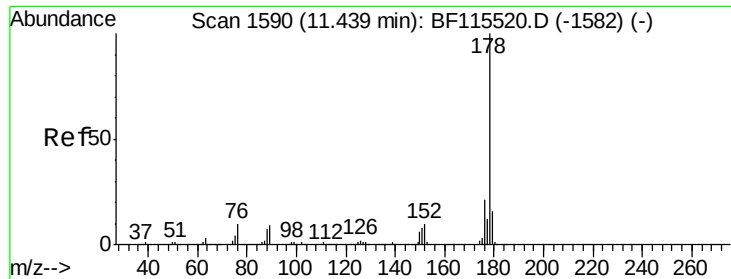
#70
 Pentachlorophenol
 Concen: 70.809 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF115590.D
 Acq: 16 Jul 2019 11:46

Tgt Ion:266 Resp: 401813
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.6 77.4
 264 63.0 50.6 76.0



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

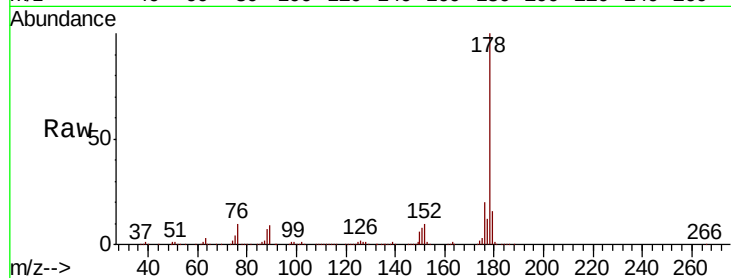




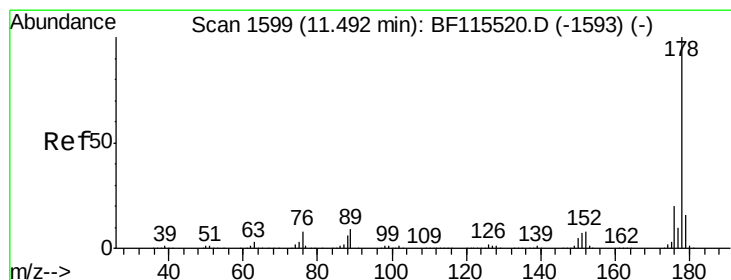
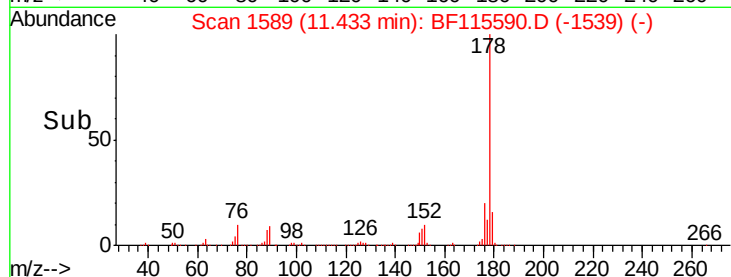
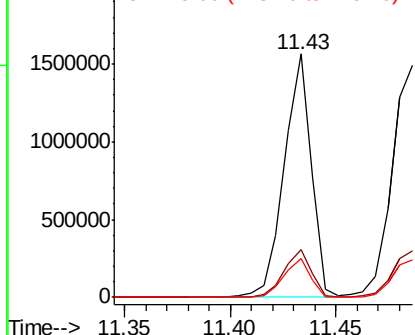
#71
Phenanthrene
Concen: 38.627 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1407637
Ion Ratio Lower Upper
178 100
176 19.8 17.2 25.8
179 15.9 13.5 20.3

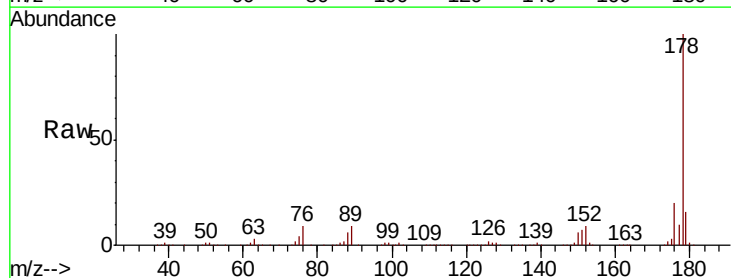


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

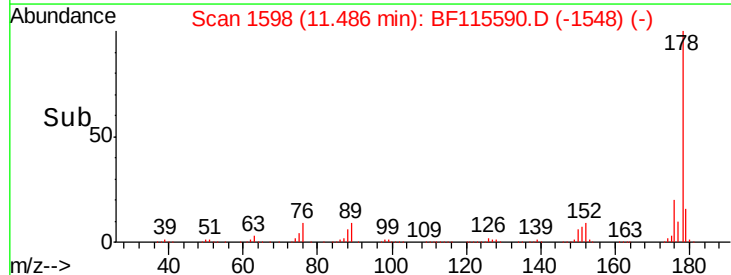
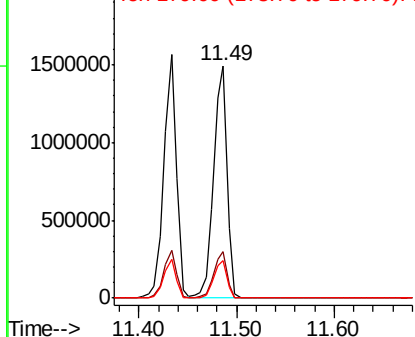


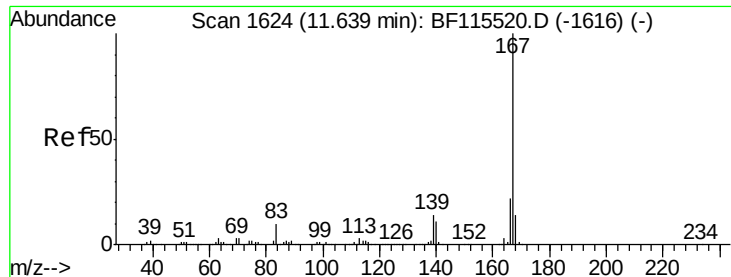
#72
Anthracene
Concen: 37.789 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:178 Resp: 1423173
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.1 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





#73

Carbazole

Concen: 38.245 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

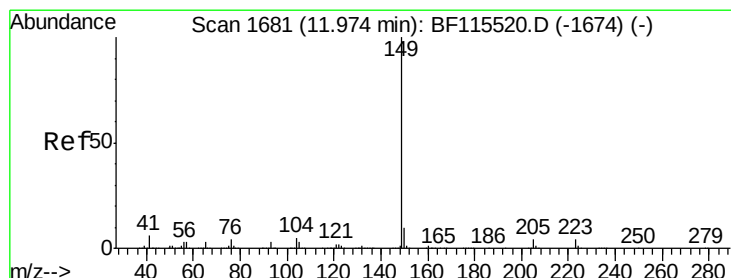
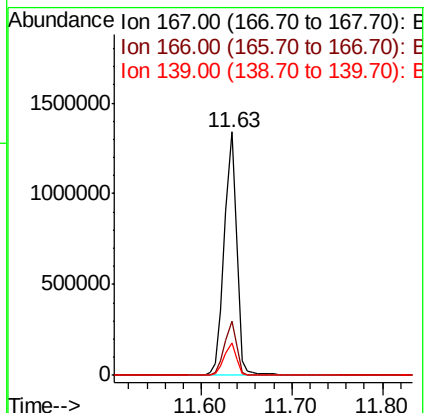
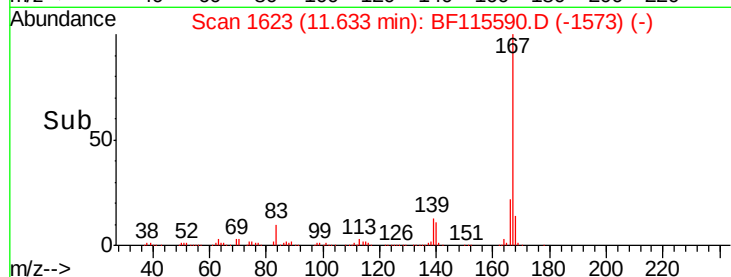
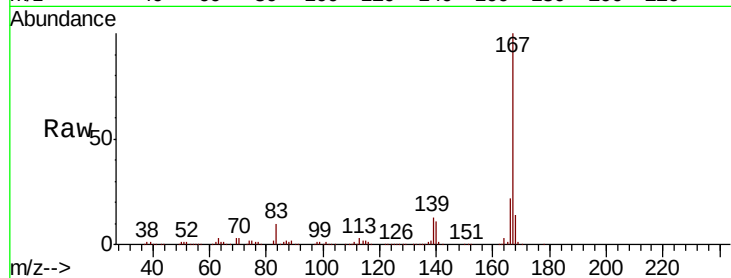
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1263081

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.4	11.3	16.9



#74

Di-n-butylphthalate

Concen: 37.587 ng

RT: 11.96 min Scan# 1679

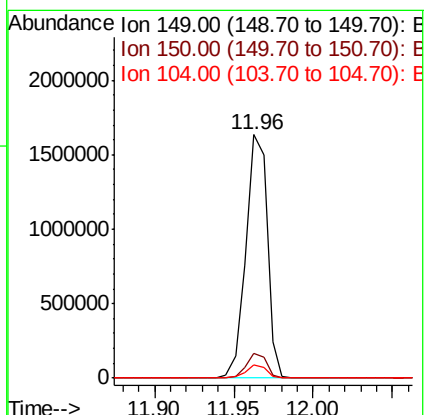
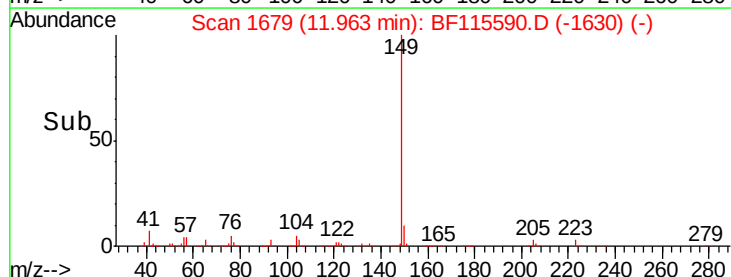
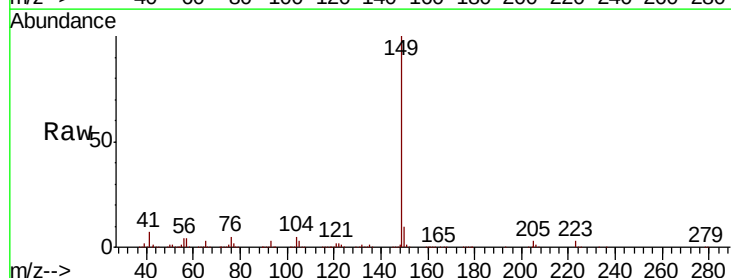
Delta R.T. -0.01 min

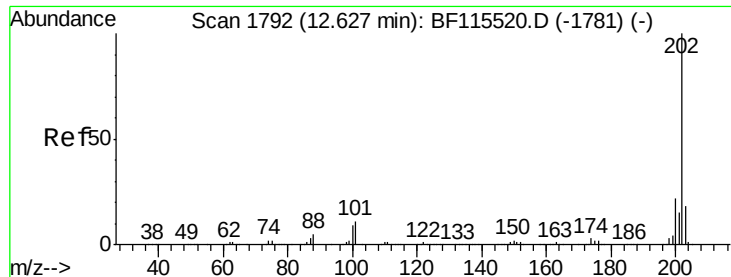
Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Tgt Ion:149 Resp: 1529086

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	3.8	5.8

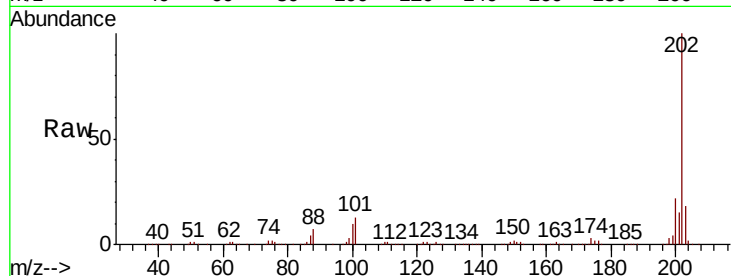




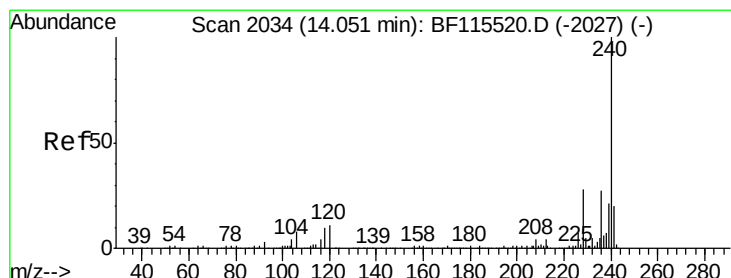
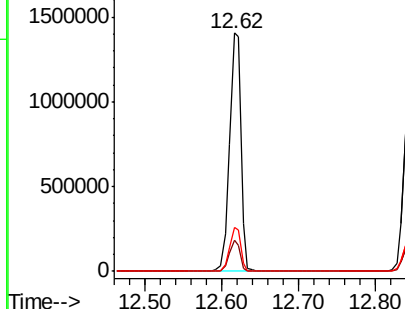
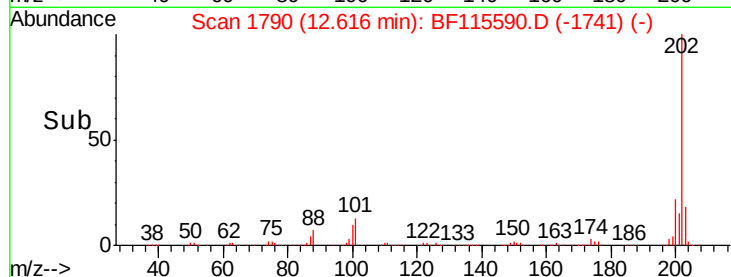
#75
Fluoranthene
Concen: 37.958 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1461764
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 18.4 0.0 38.1

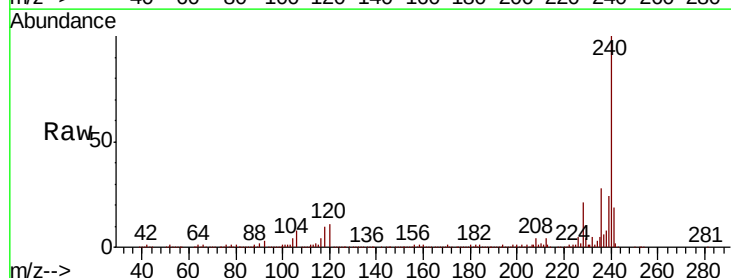


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

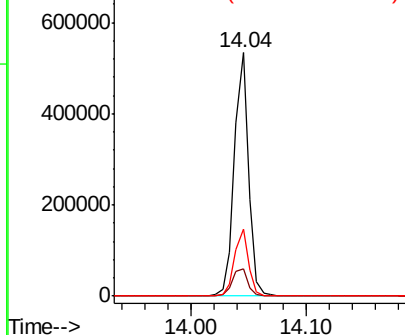
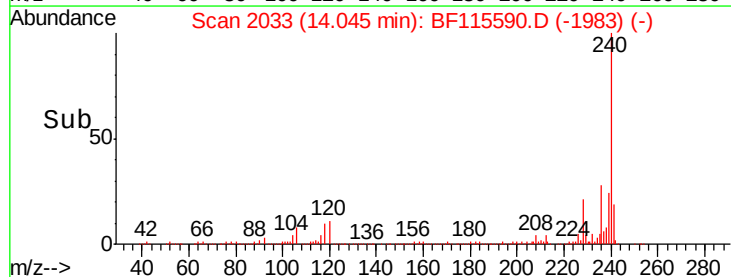


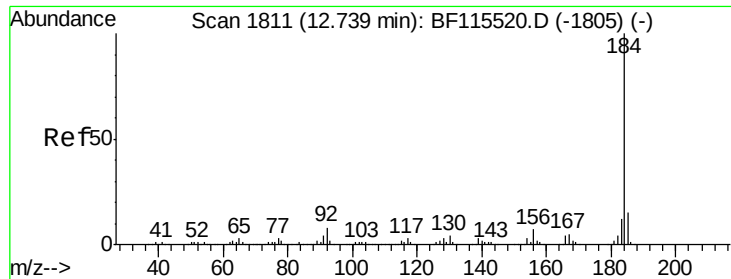
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:240 Resp: 456100
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 27.5 21.3 31.9



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: 18.557 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

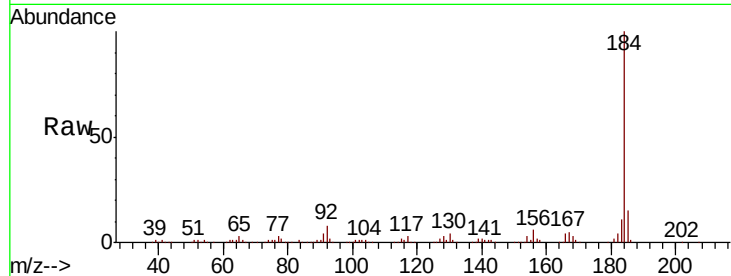
Tot Ion:184 Resp: 299837

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

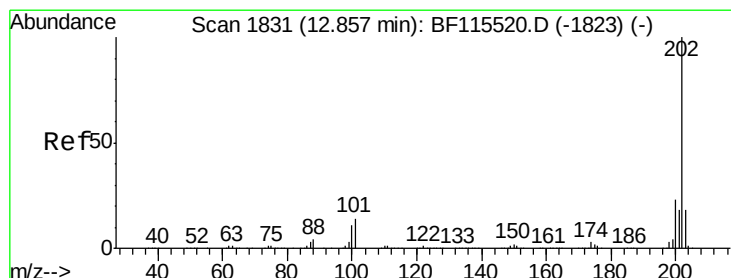
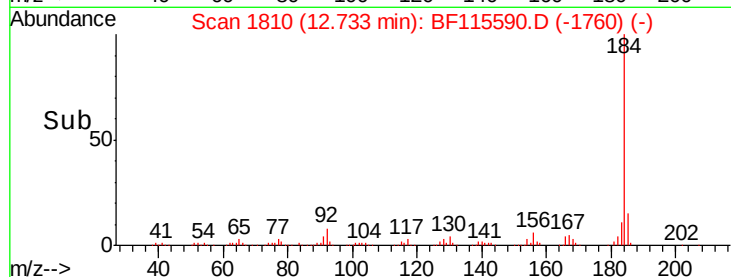
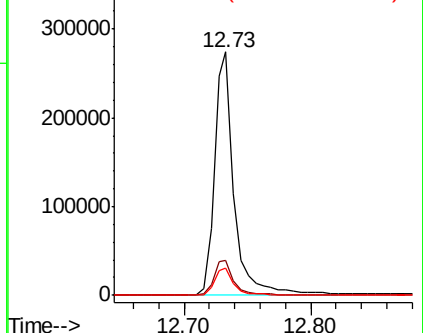
183 11.1 9.3 13.9



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: 37.750 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

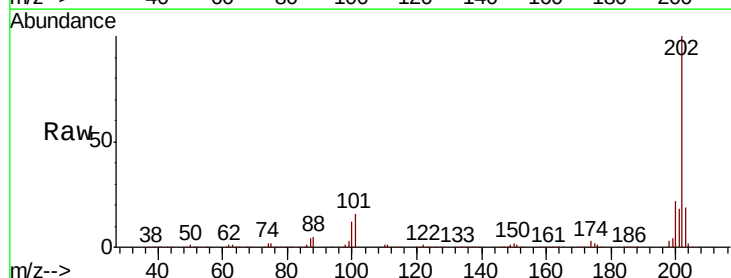
Tgt Ion:202 Resp: 1458737

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

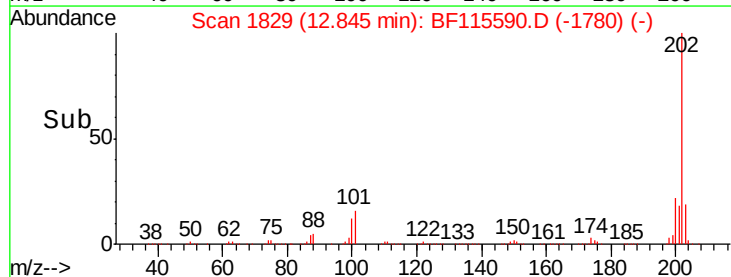
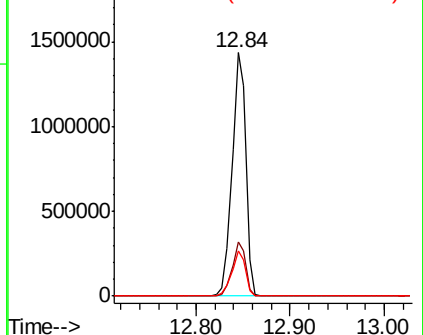
203 18.6 15.2 22.8

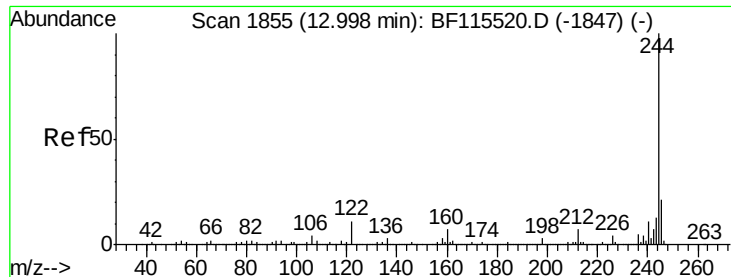


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.431 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

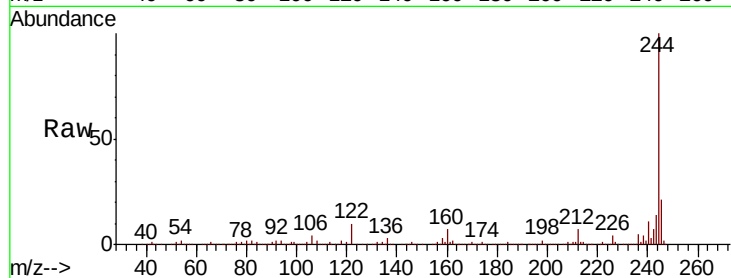
Tot Ion:244 Resp: 1889280

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

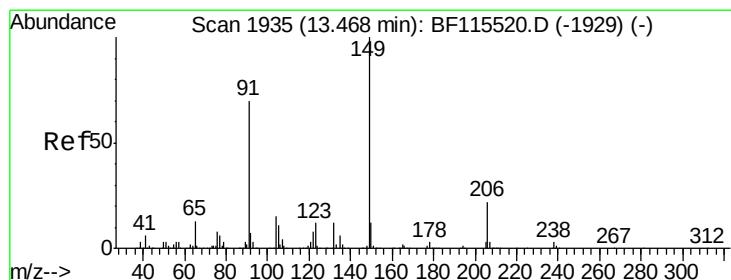
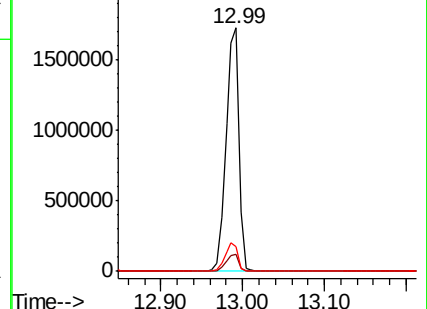
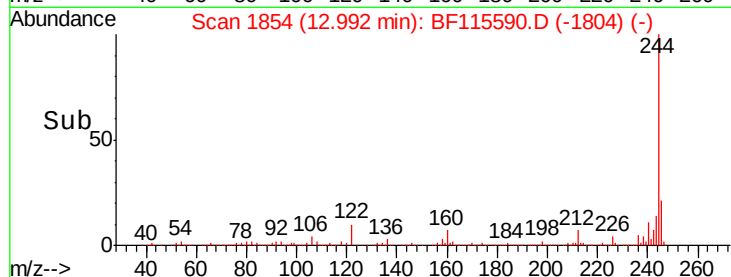
122 10.4 8.6 12.8



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: 38.817 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

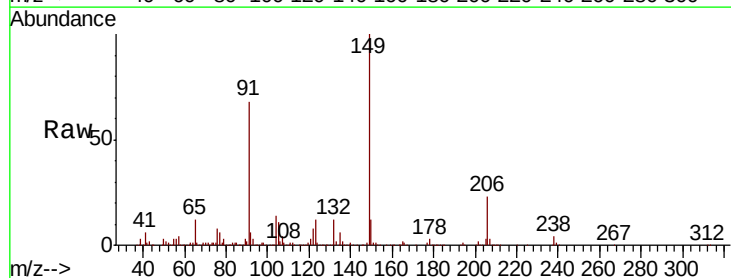
Tgt Ion:149 Resp: 639439

Ion Ratio Lower Upper

149 100

91 68.5 55.8 83.8

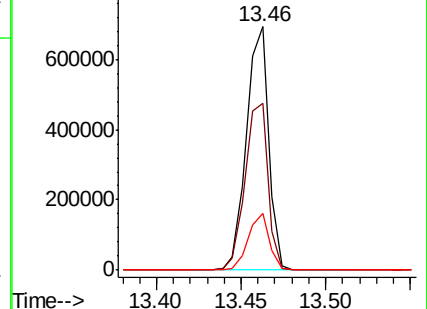
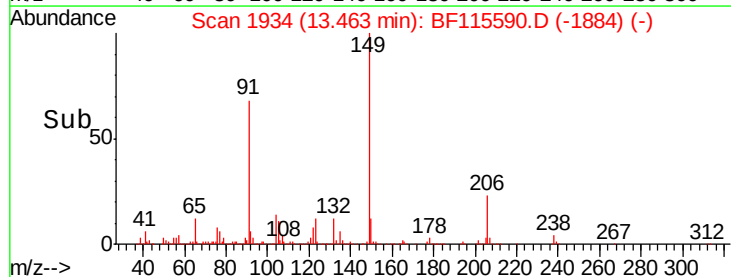
206 23.1 18.2 27.2

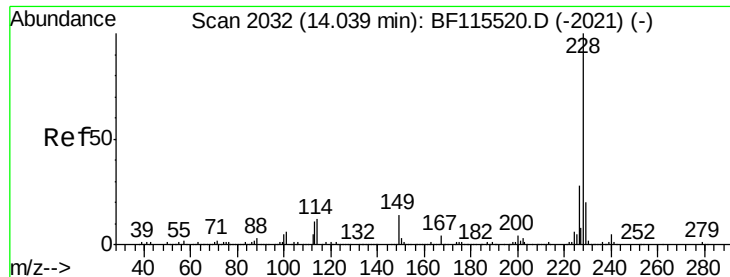


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.814 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

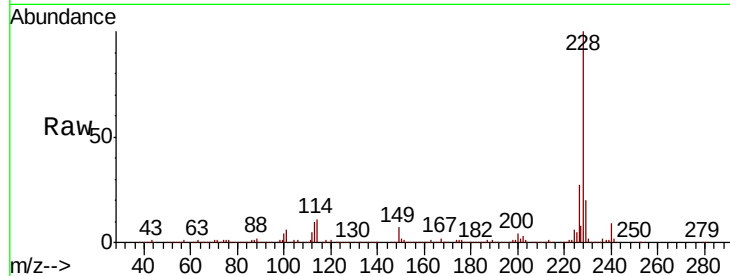
Tot Ion:228 Resp: 1136241

Ion Ratio Lower Upper

228 100

226 27.2 23.4 35.0

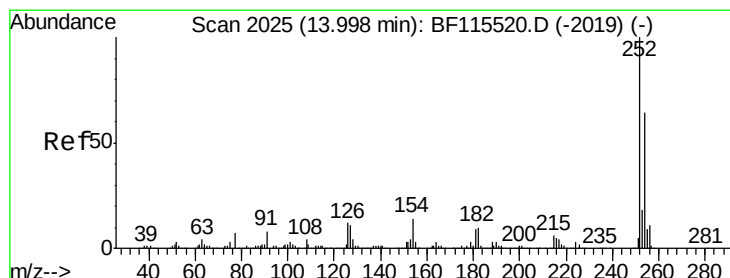
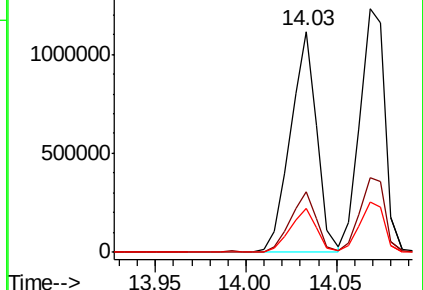
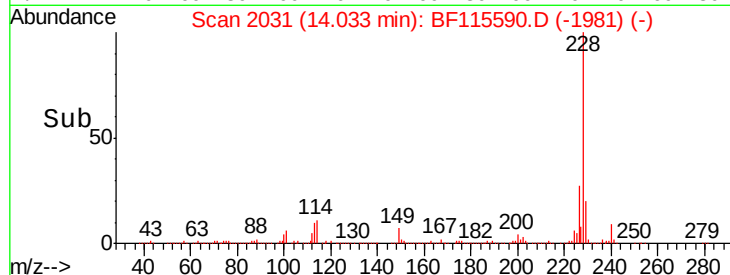
229 20.2 17.2 25.8



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: 31.387 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

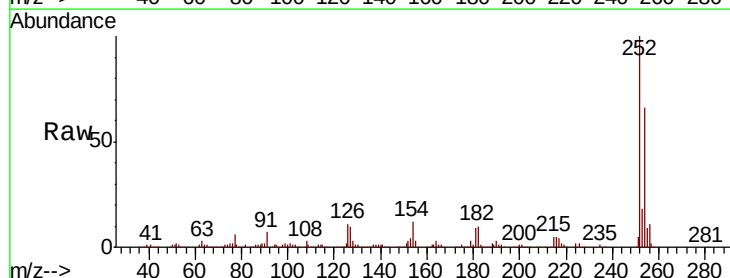
Tgt Ion:252 Resp: 335269

Ion Ratio Lower Upper

252 100

254 66.4 52.9 79.3

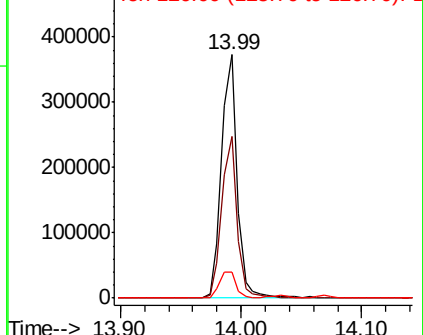
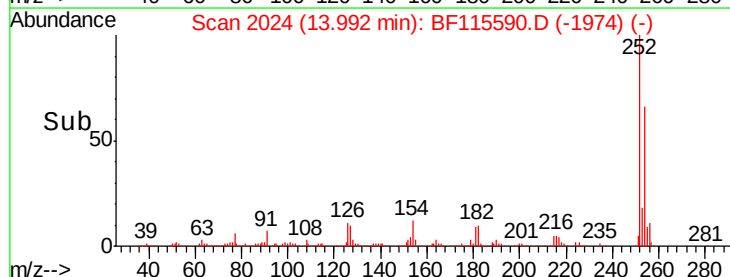
126 10.6 9.9 14.9

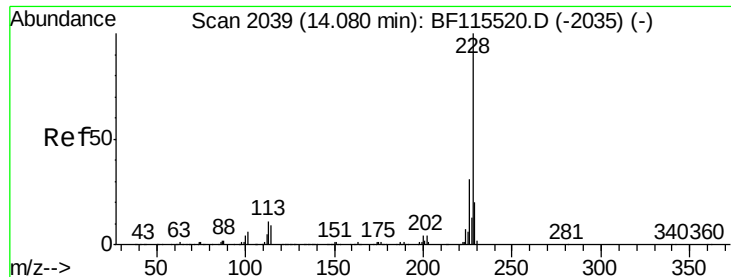


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.757 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

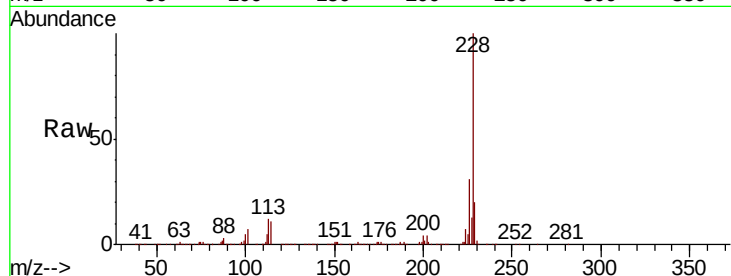
Tot Ion:228 Resp: 1199221

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.4	16.6	25.0

228 100

226 30.7 25.7 38.5

229 20.4 16.6 25.0

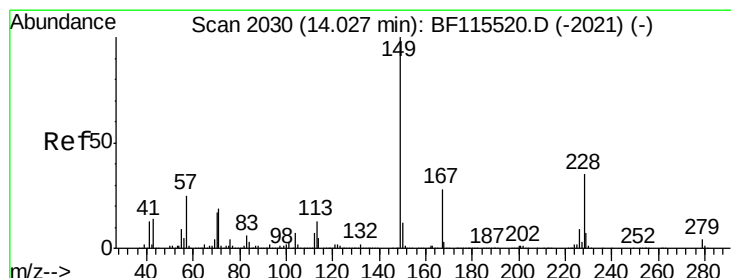
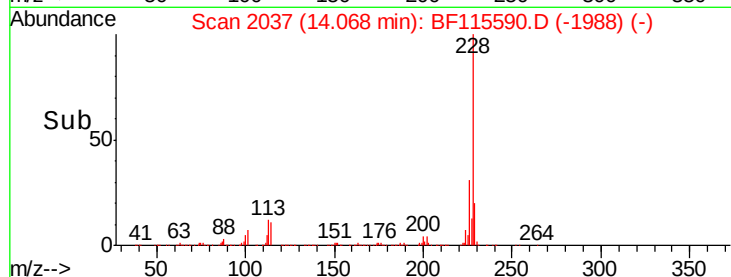
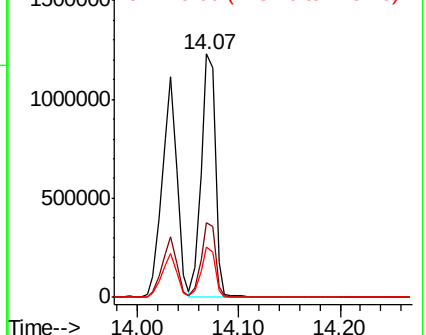


Abundance

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: 41.444 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

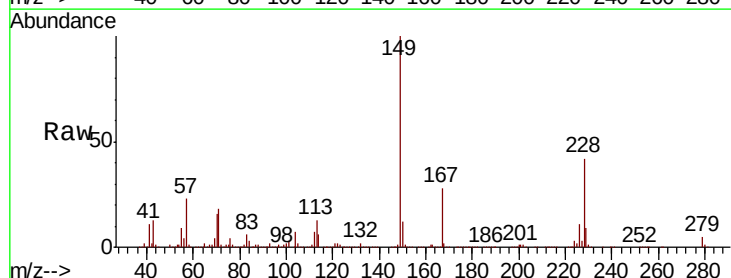
Tgt Ion:149 Resp: 845650

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.5	4.2	6.2

149 100

167 28.3 23.0 34.4

279 4.5 4.2 6.2

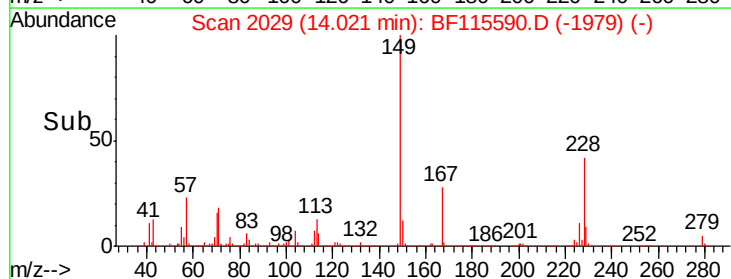
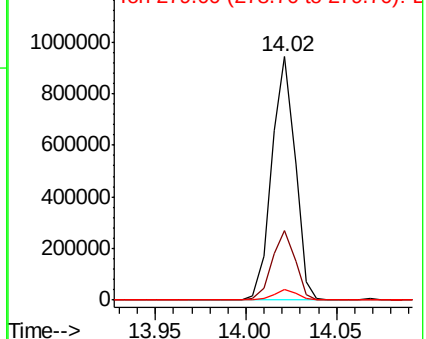


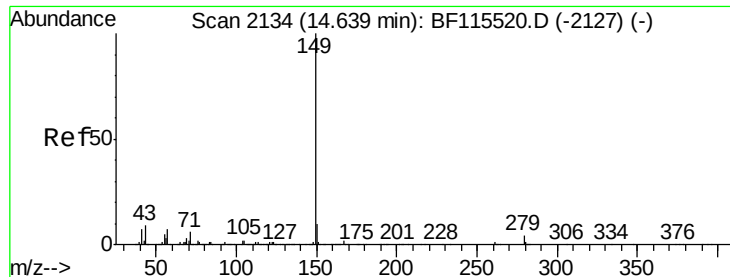
Abundance

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: 43.087 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

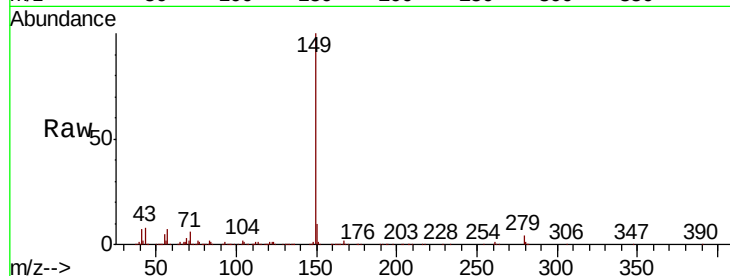
Tot Ion:149 Resp: 1398873

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

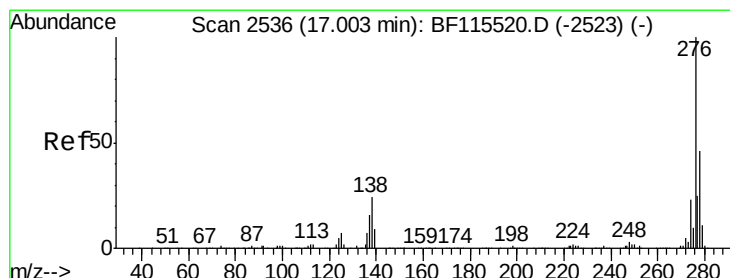
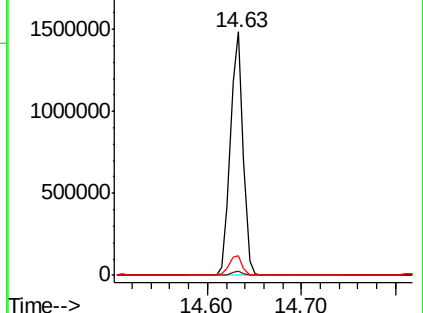
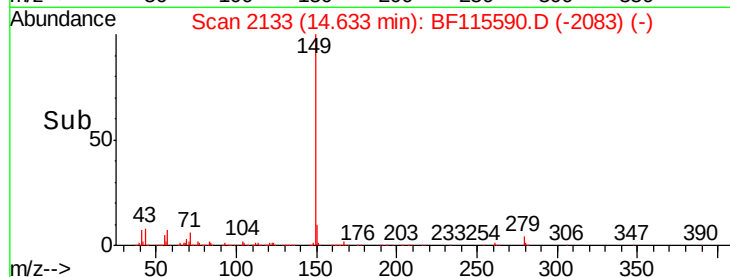
43 8.4 7.2 10.8



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: 36.626 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115590.D

Acq: 16 Jul 2019 11:46

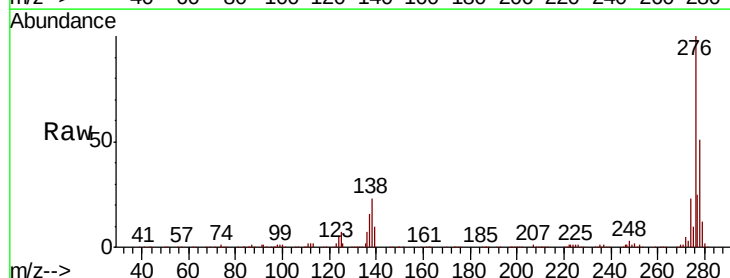
Tgt Ion:276 Resp: 938607

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.2

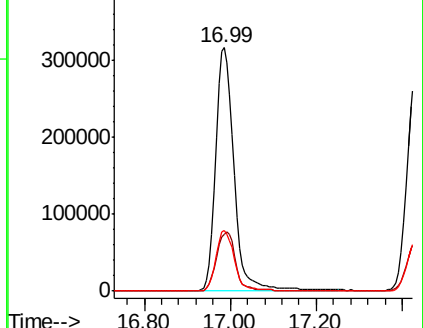
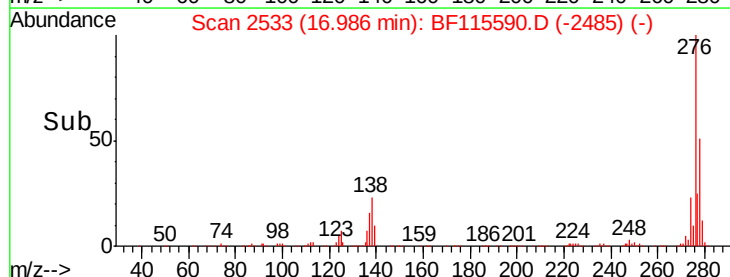
277 24.4 20.4 30.6

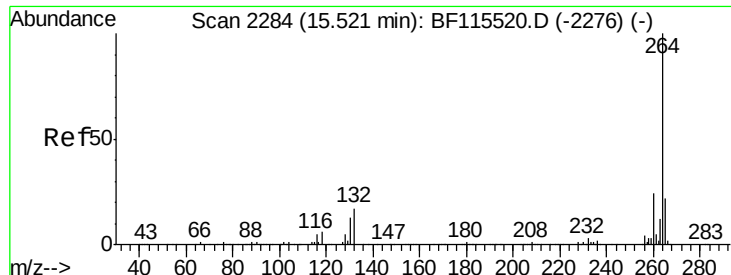


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

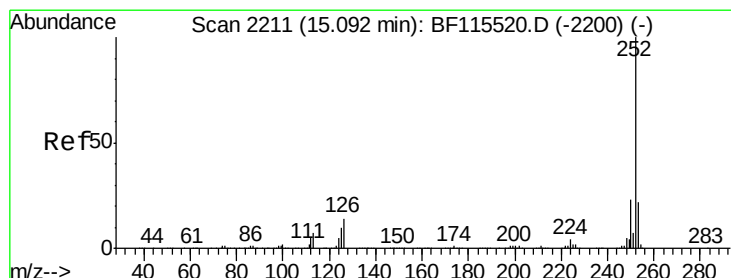
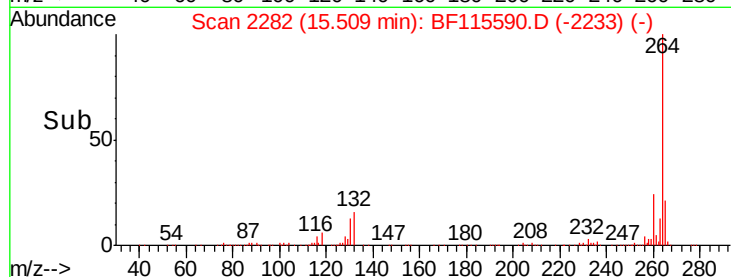
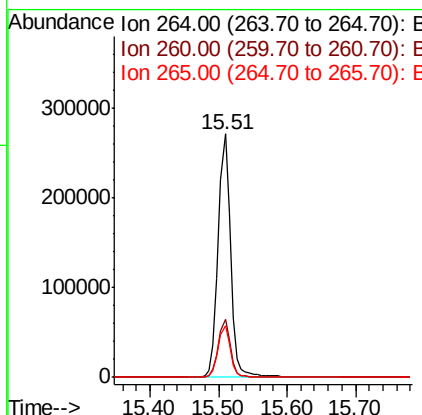
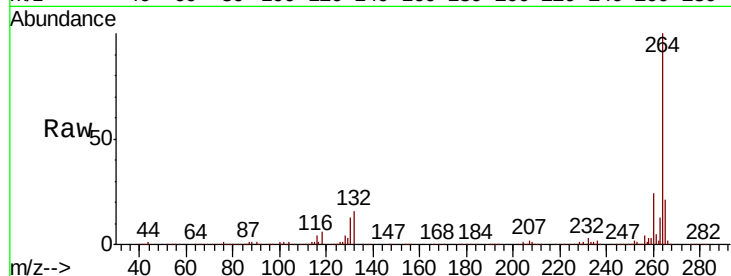




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

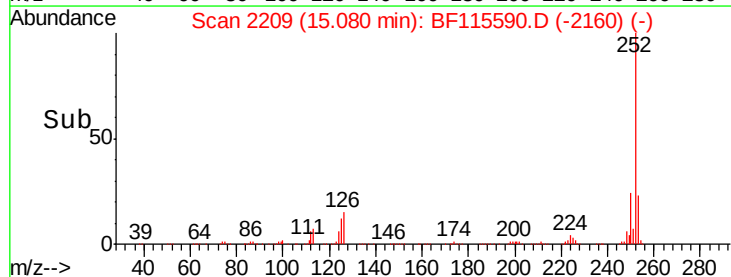
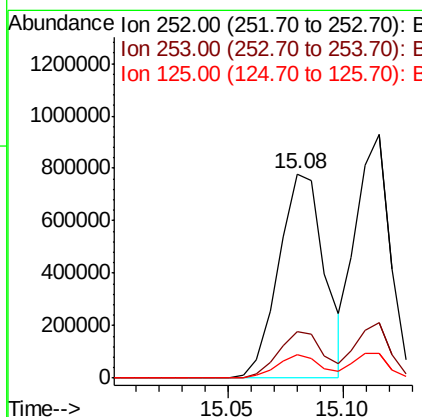
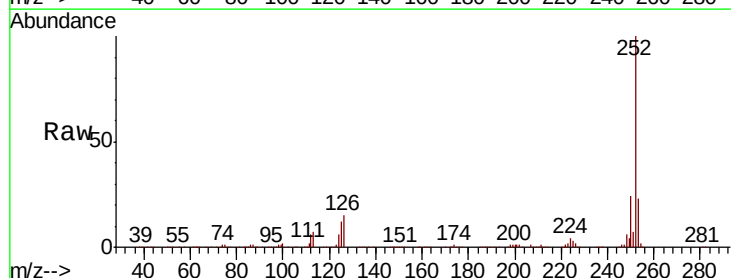
Instrument :
BNA_F
ClientSampleId :

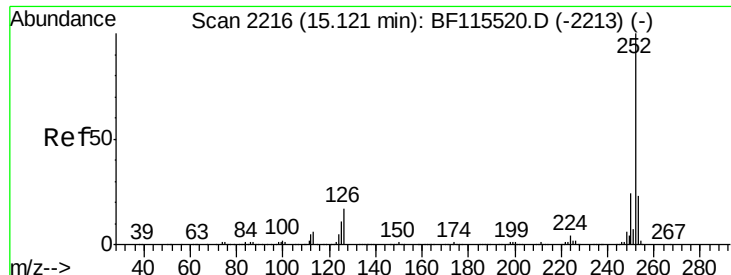
Tot Ion:264 Resp: 340057
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.8
265 21.2 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 49.329 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:252 Resp: 1080149
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.5 9.0 13.4

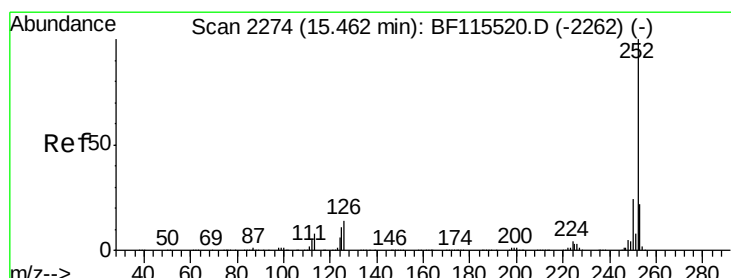
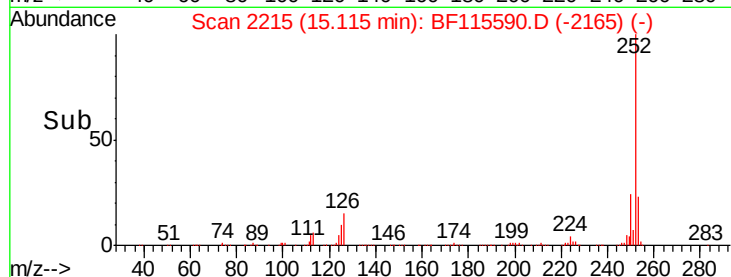
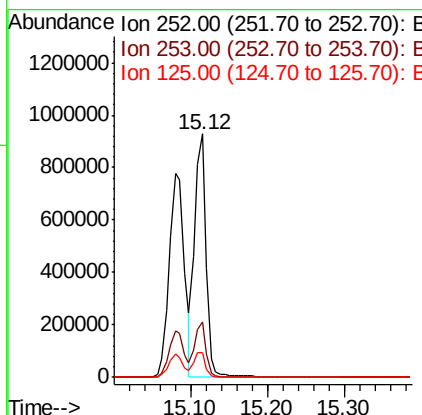
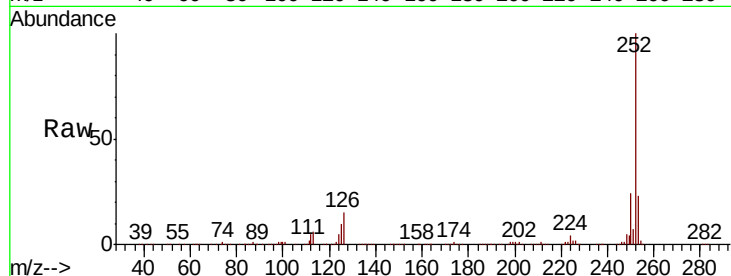




#89
Benzo(k)fluoranthene
Concen: 50.401 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

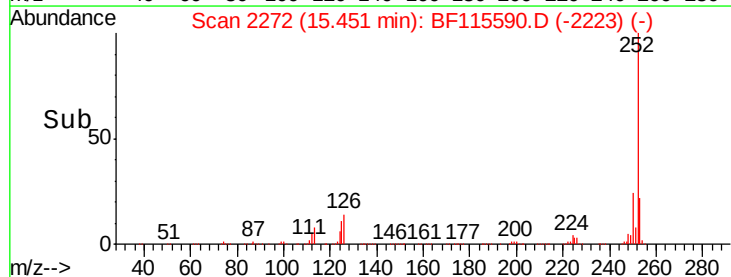
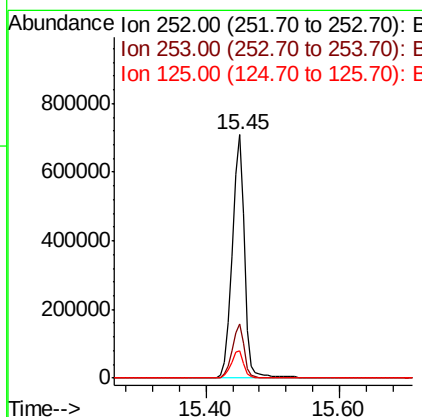
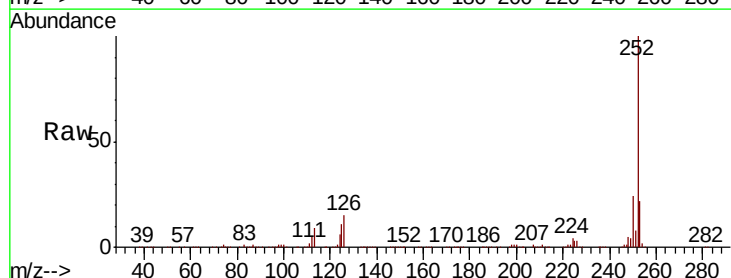
Instrument :
BNA_F
ClientSampleId :

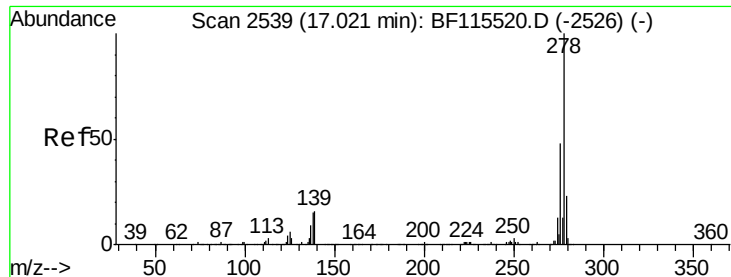
Tot Ion:252 Resp: 983954
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.4 9.0 13.6



#90
Benzo(a)pyrene
Concen: 48.872 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion:252 Resp: 919786
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.2 9.1 13.7

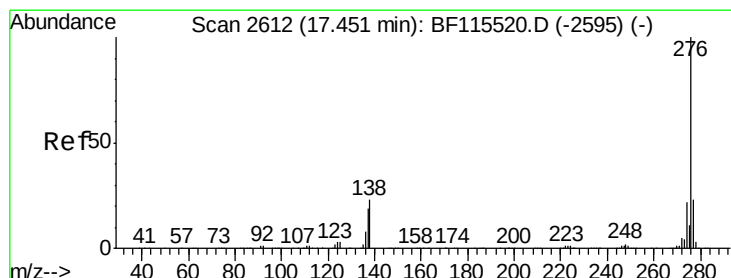
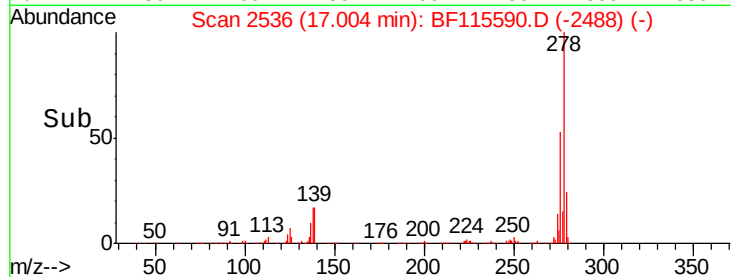
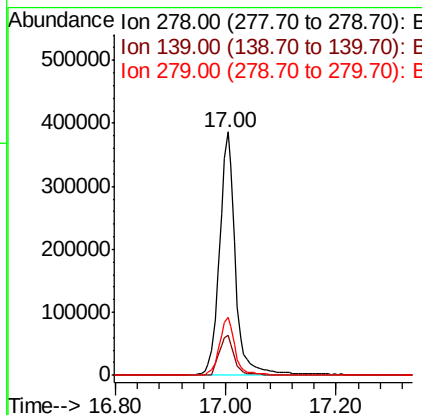
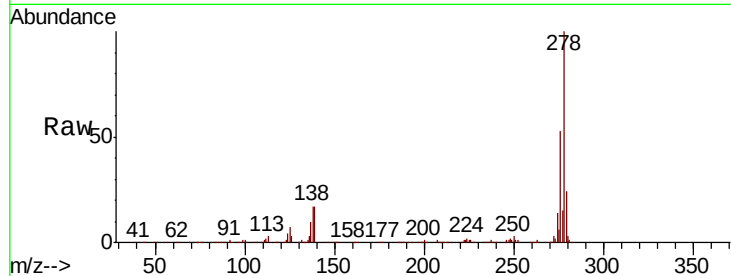




#91
Dibenzo(a,h)anthracene
Concen: 47.596 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	23.7	19.6	29.4



#92
Benzo(g,h,i)perylene
Concen: 46.706 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115590.D
Acq: 16 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.9	17.2	25.8

