

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115566.D
 Acq On : 15 Jul 2019 19:40
 Operator : HP/JU
 Sample : PB121287BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:43:10 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	163045	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	656473	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	334300	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	654130	20.00	ng	0.00
76) Chrysene-d12	14.04	240	438930	20.00	ng	-0.01
87) Perylene-d12	15.50	264	419347	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1170642	117.44	ng	0.01
7) Phenol-d6	6.52	99	1500426	118.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	962756	85.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	483680	123.95	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1815017	95.03	ng	-0.01
79) Terphenyl-d14	12.99	244	1948133	81.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	190934	38.401	ng	99
3) Pyridine	3.53	79	487647	36.149	ng	99
4) n-Nitrosodimethylamine	3.48	42	188446	38.507	ng	99
6) Aniline	6.55	93	566578	32.189	ng	98
8) 2-Chlorophenol	6.67	128	478801	41.779	ng	98
9) Benzaldehyde	6.43	77	348135	44.046	ng	99
10) Phenol	6.53	94	607339	41.364	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	448694	40.138	ng	100
12) 1,3-Dichlorobenzene	6.82	146	516937	40.119	ng	99
13) 1,4-Dichlorobenzene	6.90	146	526156	40.927	ng	97
14) 1,2-Dichlorobenzene	7.05	146	490507	41.738	ng	98
15) Benzyl Alcohol	7.02	79	427701	42.628	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	593491	40.327	ng	97
17) 2-Methylphenol	7.13	107	412673	41.784	ng	98
18) Hexachloroethane	7.40	117	191502	40.132	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	334789	40.586	ng	97
20) 3+4-Methylphenols	7.28	107	491692	41.913	ng	95
22) Acetophenone	7.29	105	653690	44.077	ng	# 97
24) Nitrobenzene	7.46	77	524877	43.103	ng	95
25) Isophorone	7.70	82	963310	42.641	ng	98
26) 2-Nitrophenol	7.77	139	273153	43.580	ng	98
27) 2,4-Dimethylphenol	7.81	122	463585	49.433	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	591433	42.674	ng	99
29) 2,4-Dichlorophenol	8.02	162	432650	44.360	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	466904	42.350	ng	98
31) Naphthalene	8.19	128	1411171	44.386	ng	97
32) Benzoic acid	7.93	122	310705	40.370	ng	97
33) 4-Chloroaniline	8.23	127	379129	26.922	ng	97
34) Hexachlorobutadiene	8.30	225	261484	41.359	ng	100
35) Caprolactam	8.60	113	80376	26.669	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	451664	44.644	ng	99
37) 2-Methylnaphthalene	8.87	142	954038	45.269	ng	98
38) 1-Methylnaphthalene	8.97	142	894326	44.677	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	432476	42.960	ng	97

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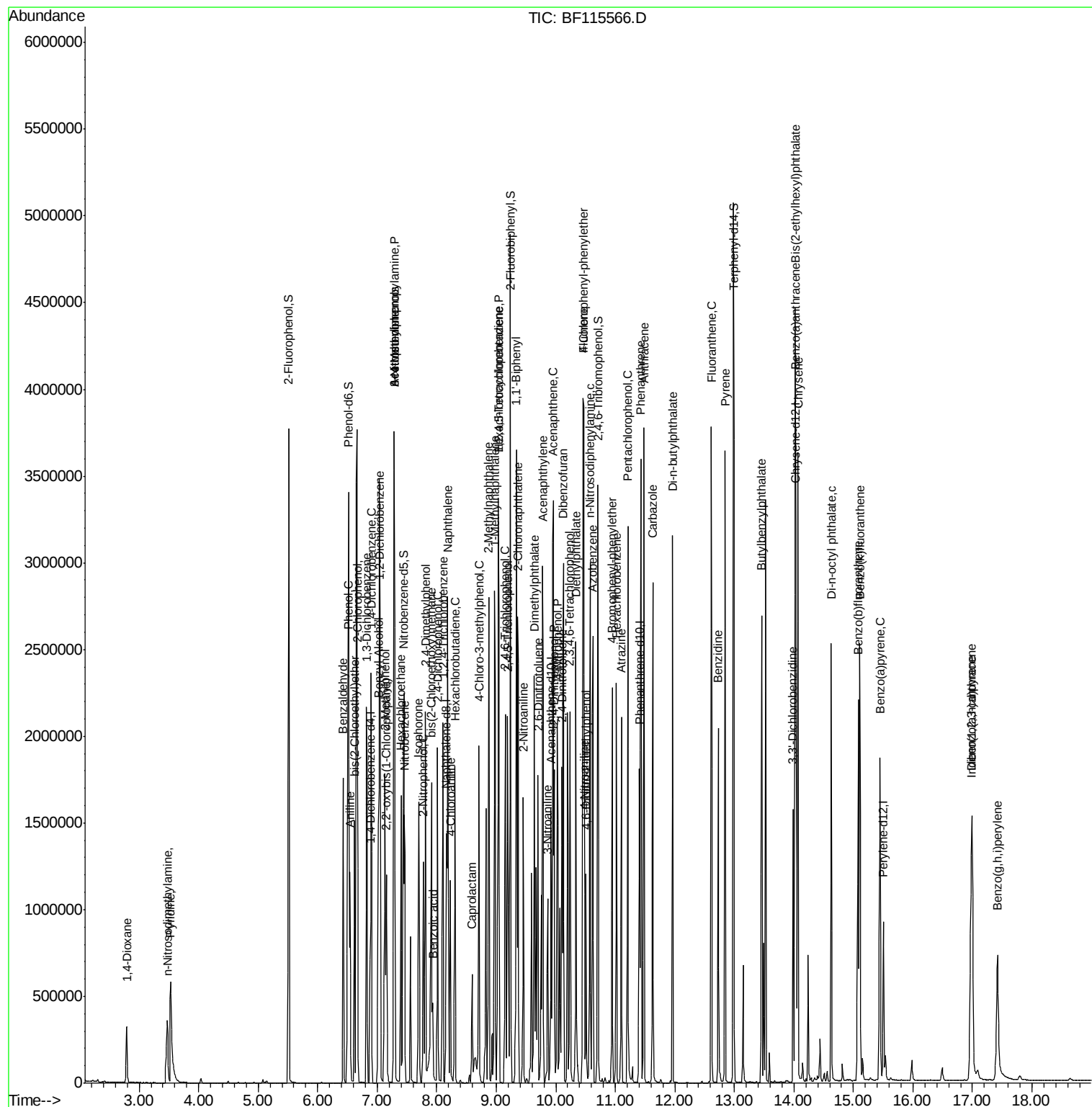
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	449553	78.284	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	316709	43.020	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	324905	43.095	ng	99
46) 1,1'-Biphenyl	9.34	154	1168050	44.693	ng	98
47) 2-Chloronaphthalene	9.36	162	918335	42.200	ng	98
48) 2-Nitroaniline	9.46	65	278177	41.300	ng	97
49) Acenaphthylene	9.78	152	1420848	44.064	ng	98
50) Dimethylphthalate	9.64	163	1073499	42.681	ng	99
51) 2,6-Dinitrotoluene	9.70	165	251211	43.950	ng	95
52) Acenaphthene	9.96	154	987788	47.448	ng	98
53) 3-Nitroaniline	9.86	138	181254	27.749	ng	98
54) 2,4-Dinitrophenol	9.97	184	257499	87.745	ng	94
55) Dibenzofuran	10.13	168	1259982	42.618	ng	99
56) 4-Nitrophenol	10.03	139	454295	91.208	ng	99
57) 2,4-Dinitrotoluene	10.10	165	329589	44.508	ng	93
58) Fluorene	10.47	166	927310	43.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	282645	44.847	ng	99
60) Diethylphthalate	10.34	149	1037080	44.007	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	482996	41.209	ng	95
62) 4-Nitroaniline	10.49	138	262614	41.914	ng	96
63) Azobenzene	10.62	77	995495	43.551	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	177667	44.455	ng	97
66) n-Nitrosodiphenylamine	10.57	169	873859	42.946	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	311291	41.643	ng	94
68) Hexachlorobenzene	11.02	284	348112	40.779	ng	99
69) Atrazine	11.10	200	279148	41.819	ng	98
70) Pentachlorophenol	11.21	266	416720	79.813	ng	98
71) Phenanthrene	11.43	178	1438665	42.907	ng	98
72) Anthracene	11.48	178	1480495	42.725	ng	99
73) Carbazole	11.63	167	1295242	42.625	ng	99
74) Di-n-butylphthalate	11.96	149	1552825	41.486	ng	99
75) Fluoranthene	12.62	202	1470586	41.504	ng	98
77) Benzidine	12.73	184	824332	53.014	ng	100
78) Pyrene	12.85	202	1520580	40.889	ng	97
80) Butylbenzylphthalate	13.46	149	646430	40.777	ng	96
81) Benzo(a)anthracene	14.03	228	1175465	40.650	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	343796	33.444	ng	99
83) Chrysene	14.07	228	1221537	42.081	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	807416	41.118	ng	100
85) Di-n-octyl phthalate	14.63	149	1396296	44.690	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1053849	42.732	ng	99
88) Benzo(b)fluoranthene	15.08	252	1126555	41.720	ng	99
89) Benzo(k)fluoranthene	15.11	252	1091492	45.339	ng	99
90) Benzo(a)pyrene	15.44	252	1036387	44.656	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	878752	43.130	ng	98
92) Benzo(g,h,i)perylene	17.42	276	809890	39.857	ng	98

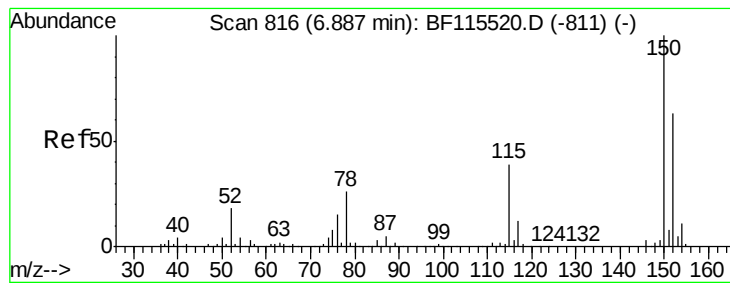
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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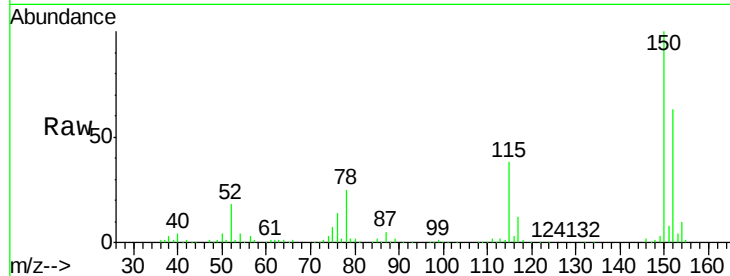


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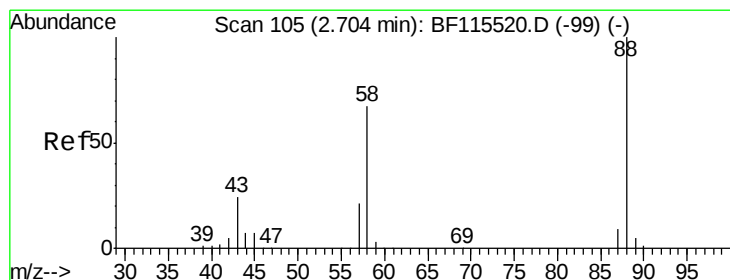
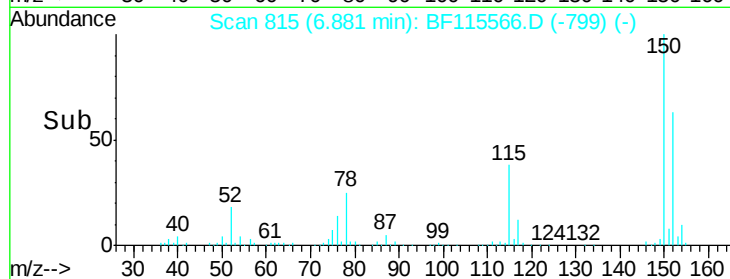
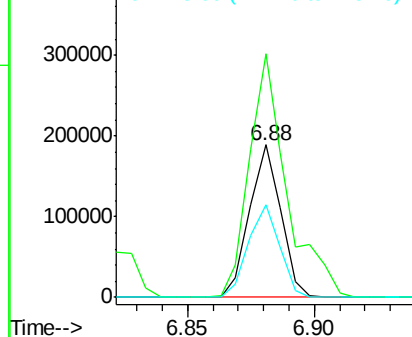
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163045
Ion Ratio Lower Upper
152 100
150 159.9 129.7 194.5
115 60.4 48.2 72.4



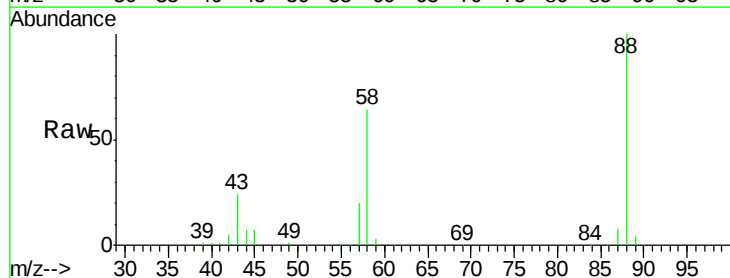
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



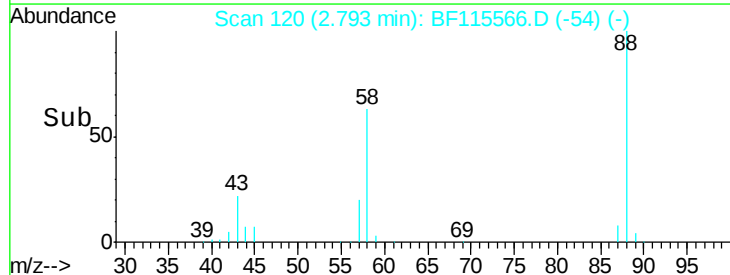
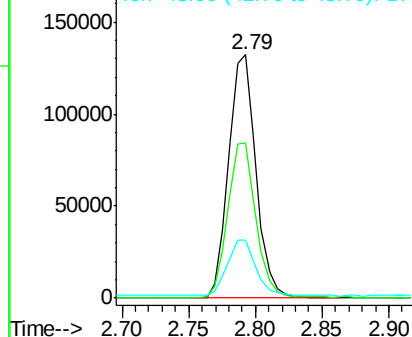
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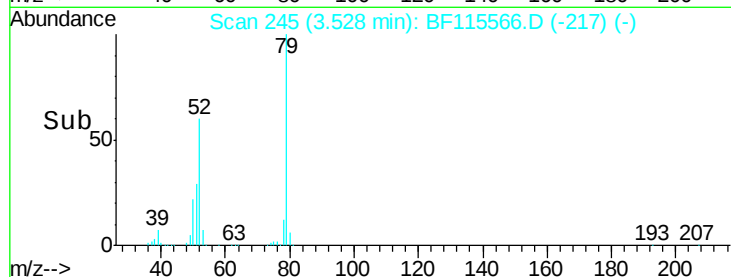
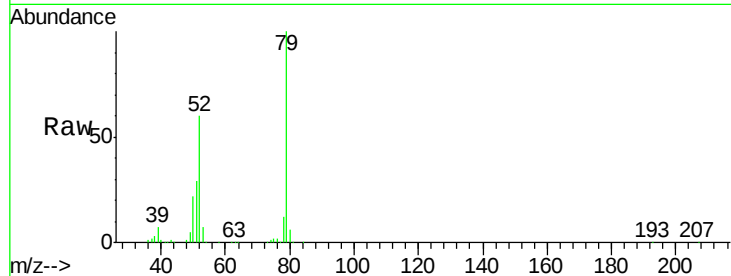
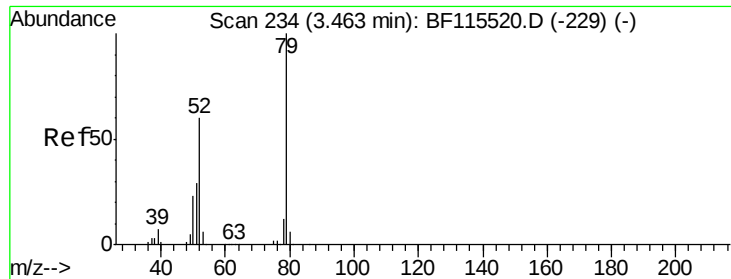
1,4-Dioxane
Concen: 38.401 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion: 88 Resp: 190934
Ion Ratio Lower Upper
88 100
58 64.7 52.6 79.0
43 24.3 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

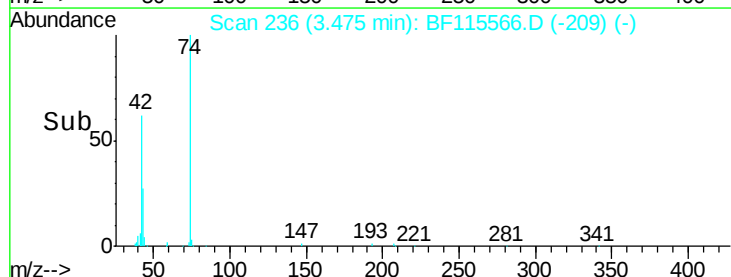
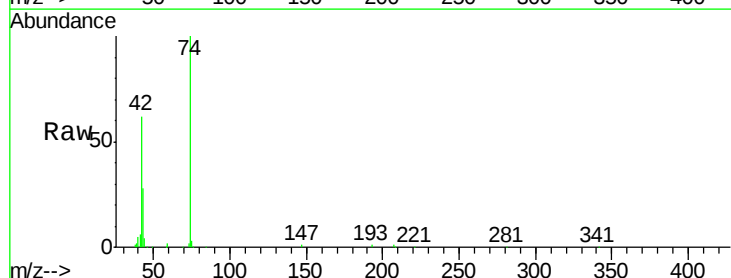
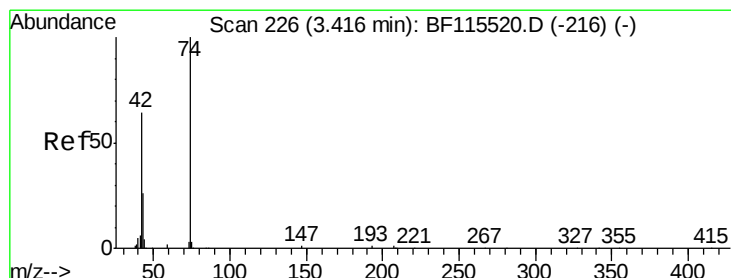
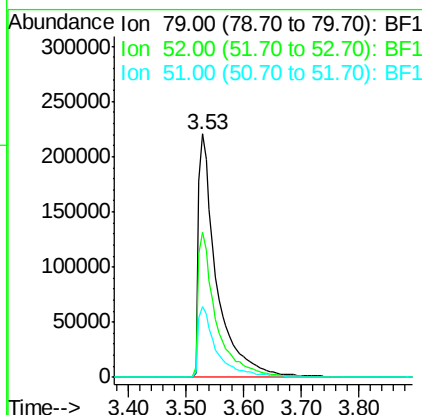




#3
 Pvridine
 Concen: 36.149 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.06 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

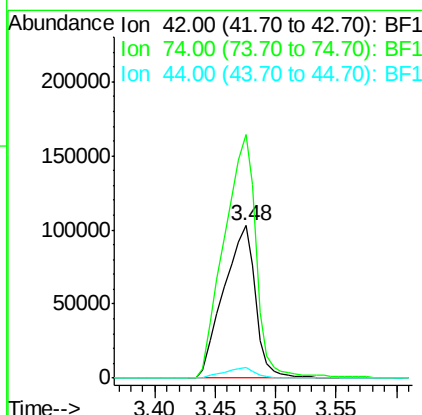
Instrument :
 BNA_F
 ClientSampleId :

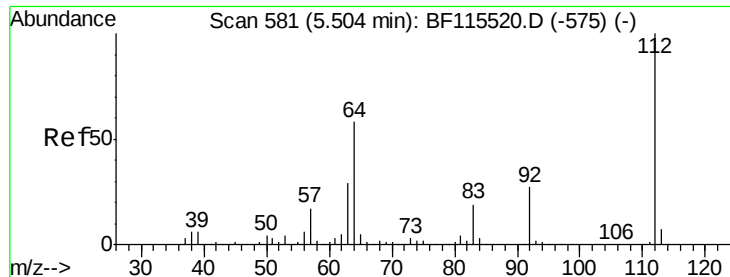
Tot Ion	Ratio	Lower	Upper
79	100		
52	59.7	47.8	71.6
51	29.0	23.8	35.8



#4
 n-Nitrosodimethylamine
 Concen: 38.507 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.0	127.5	191.3
44	6.9	5.0	7.6

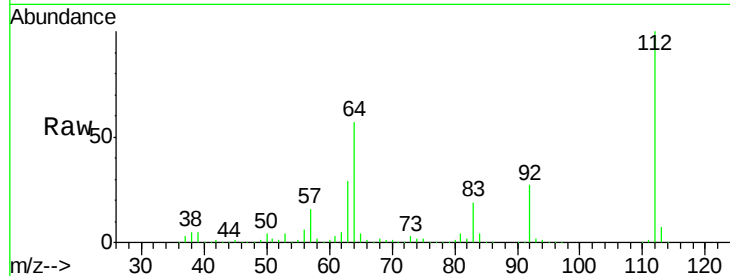




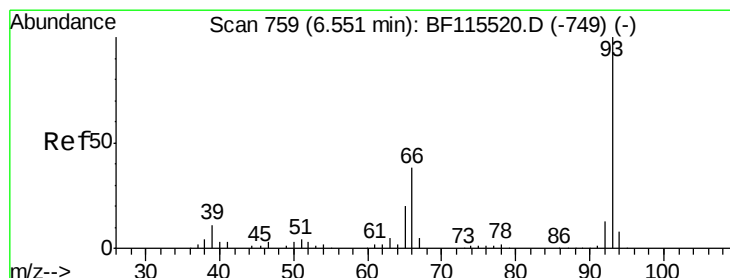
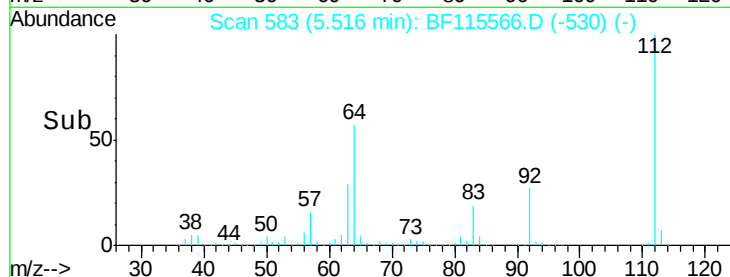
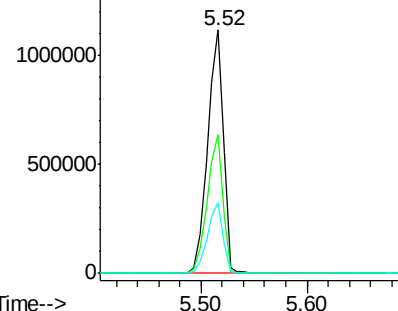
#5
 2-Fluorophenol
 Concen: 117.442 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 1170642
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.8 70.2
 63 29.2 24.1 36.1

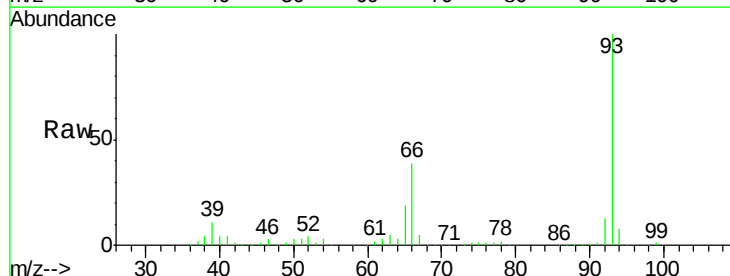


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

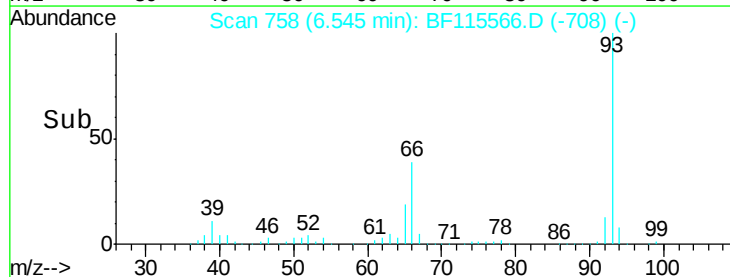
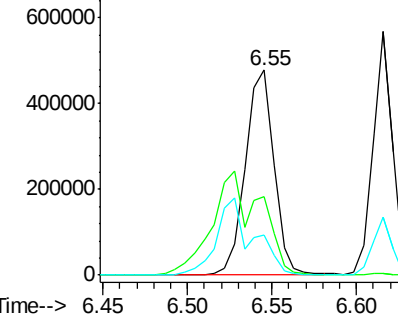


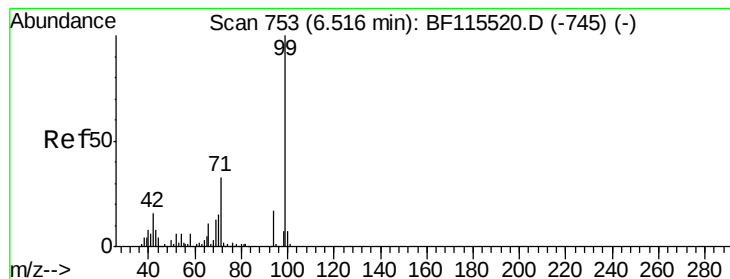
#6
 Aniline
 Concen: 32.189 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion: 93 Resp: 566578
 Ion Ratio Lower Upper
 93 100
 66 38.5 31.7 47.5
 65 19.5 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: 118.629 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampled :

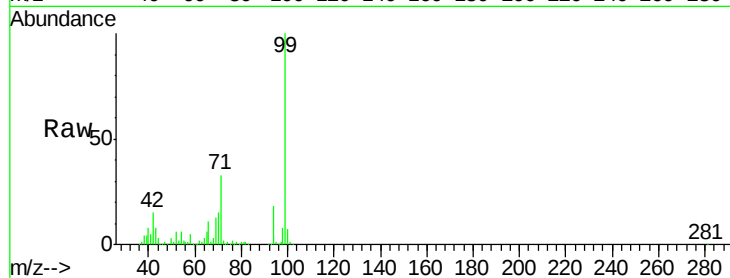
Tot Ion: 99 Resp: 1500426

Ion Ratio Lower Upper

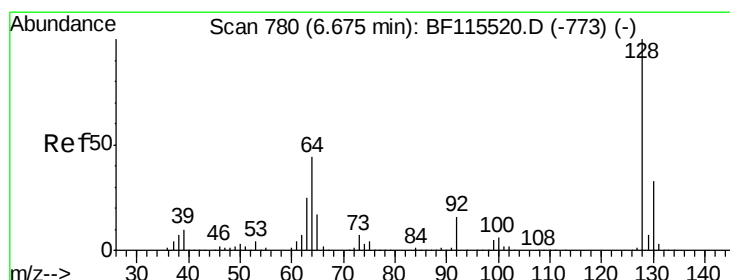
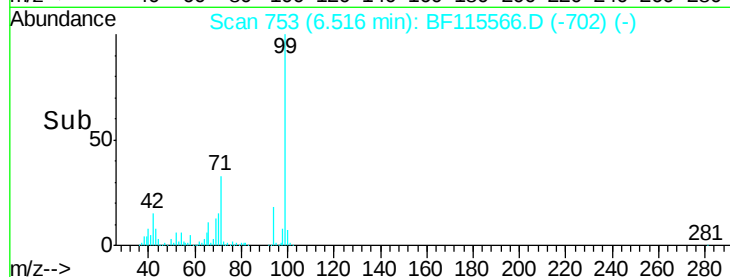
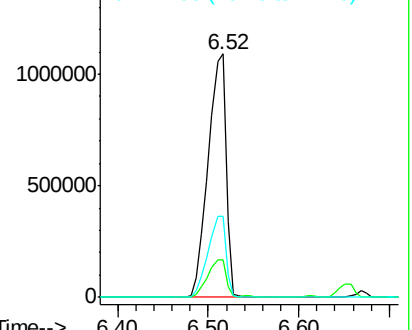
99 100

42 15.3 13.6 20.4

71 33.5 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.779 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

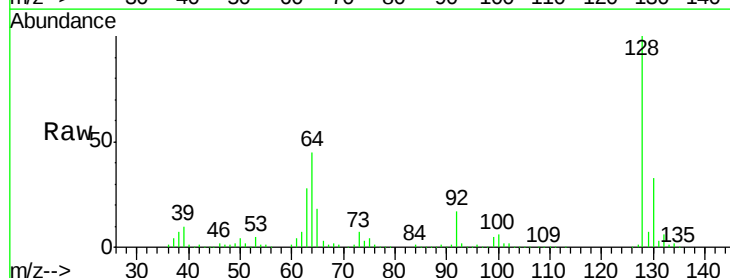
Tgt Ion: 128 Resp: 478801

Ion Ratio Lower Upper

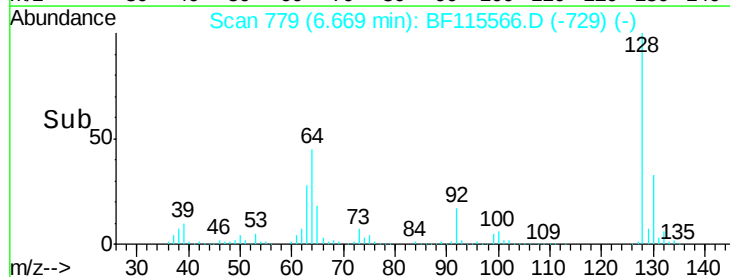
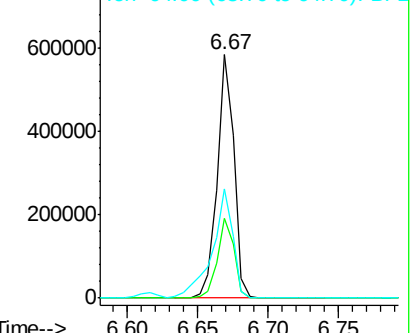
128 100

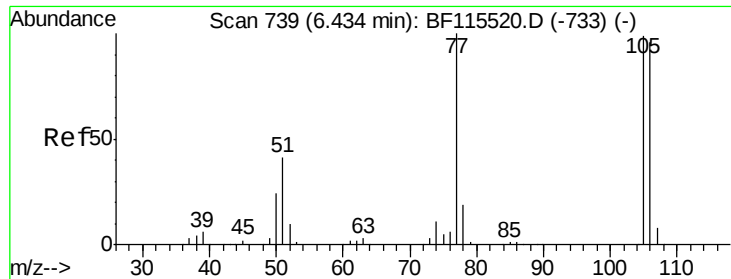
130 32.6 12.8 52.8

64 44.8 26.8 66.8



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

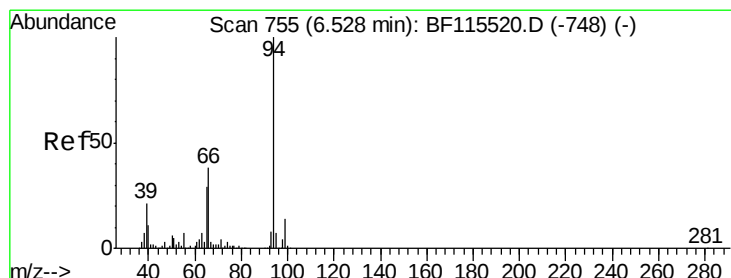
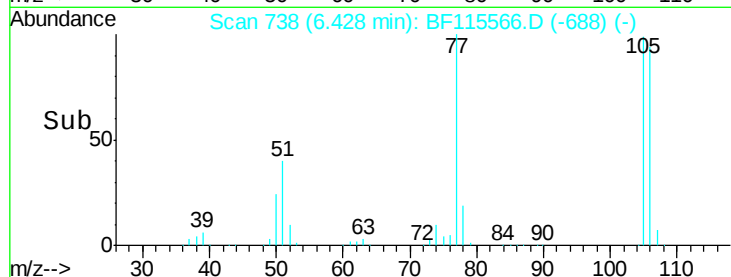
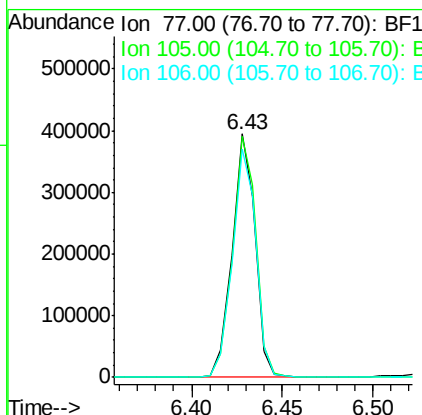
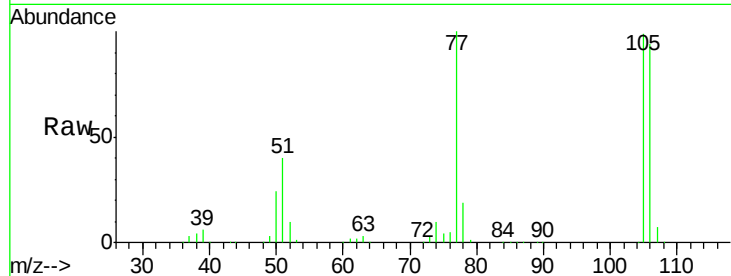




#9
Benzaldehyde
Concen: 44.046 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
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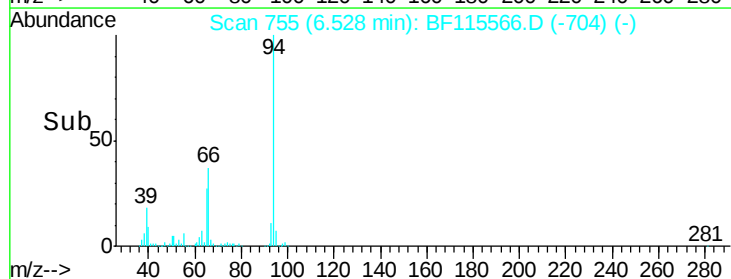
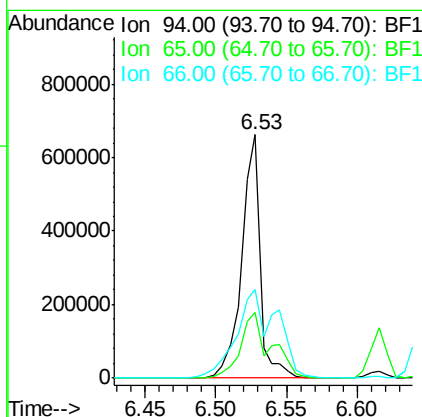
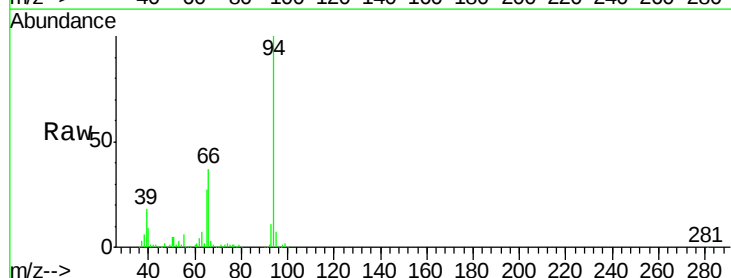
Instrument :
BNA_F
ClientSampled :

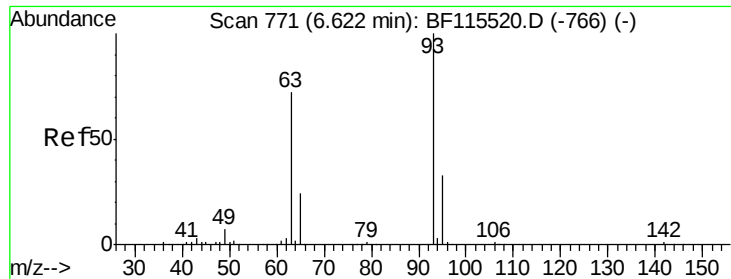
Tot Ion	77	105	106
Resp	348135		
Ratio	100	98.9	93.9
Lower		78.8	75.6
Upper		118.8	115.6



#10
Phenol
Concen: 41.364 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion	94	65	66
Resp	607339		
Ratio	100	27.1	36.6
Lower		14.5	31.3
Upper		54.5	71.3

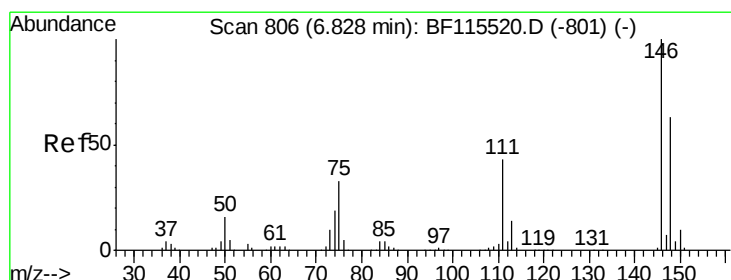
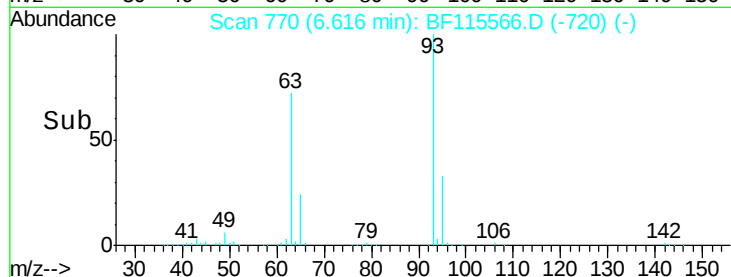
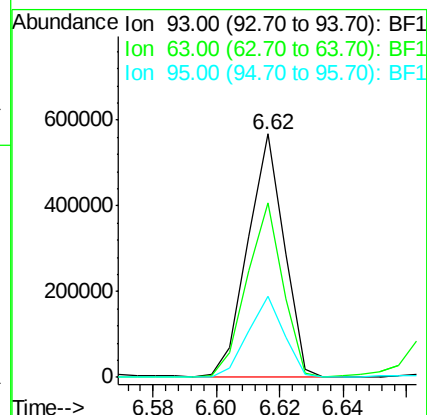
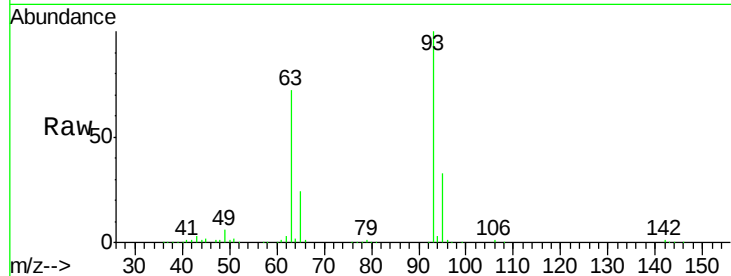




#11
bis(2-Chloroethyl)ether
Concen: 40.138 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

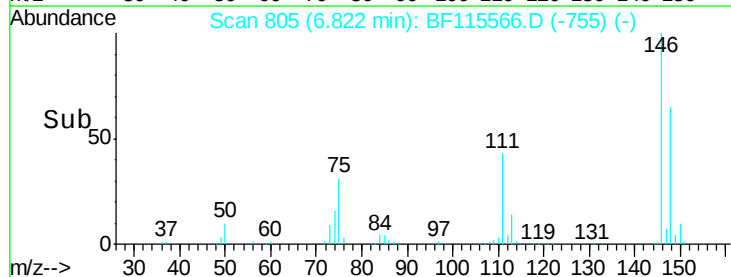
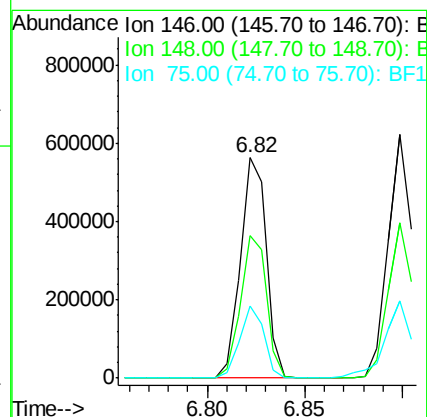
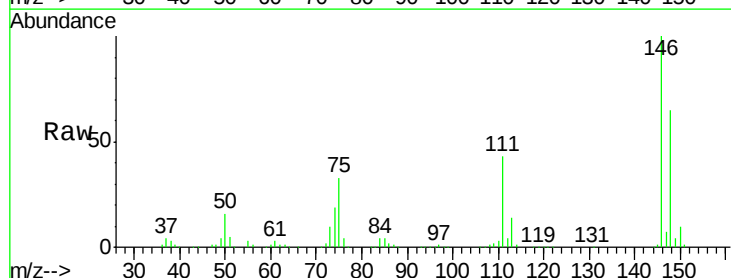
Instrument :
BNA_F
ClientSampleId :

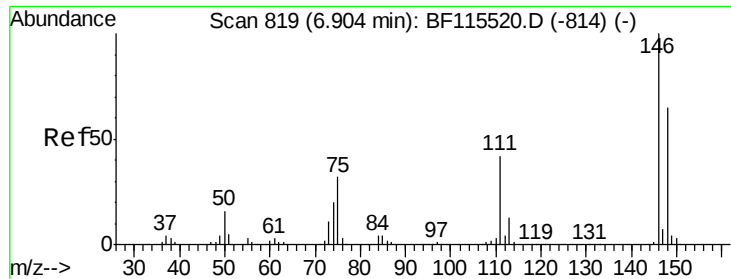
Tot Ion	93	Resp	448694
Ion Ratio	100	Lower	Upper
63	71.9	52.2	92.2
95	33.3	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 40.119 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion	146	Resp	516937
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
148	64.9	52.1	78.1
75	32.7	24.9	37.3

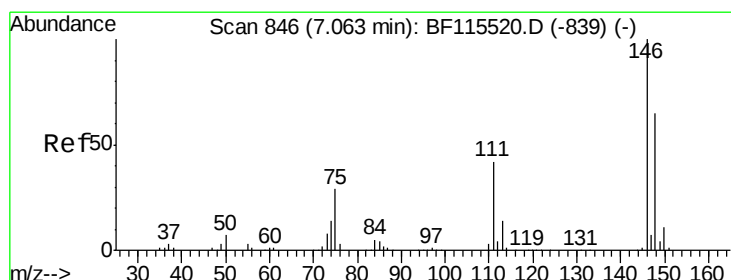
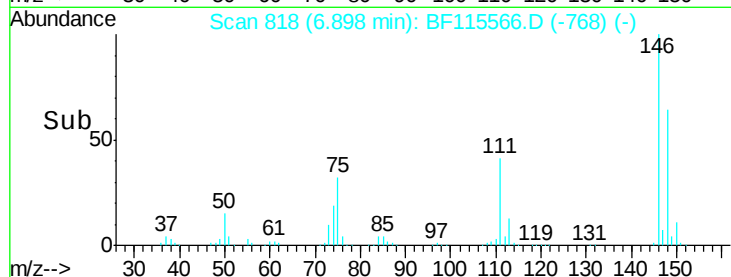
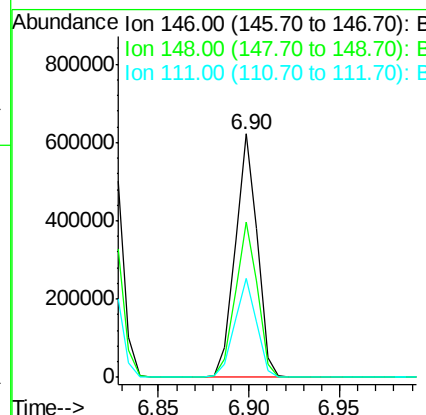
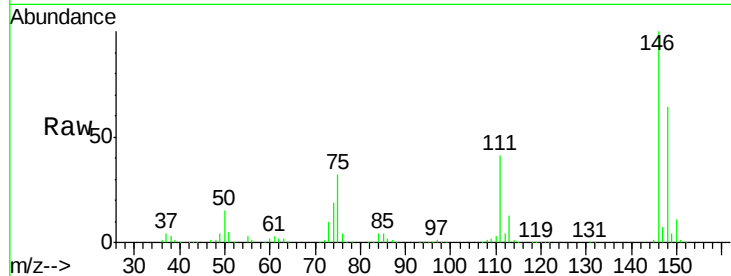




#13
 1,4-Dichlorobenzene
 Concen: 40.927 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

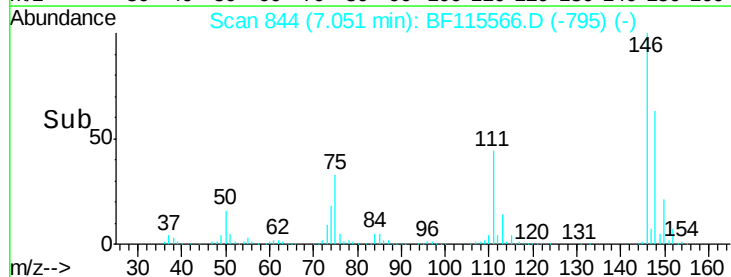
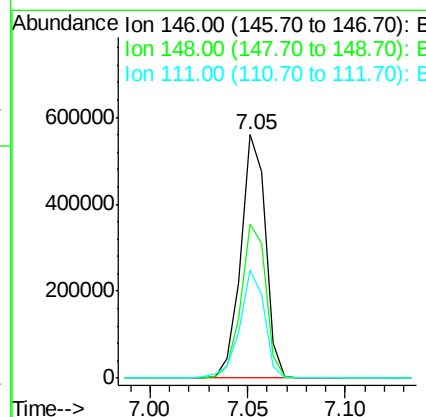
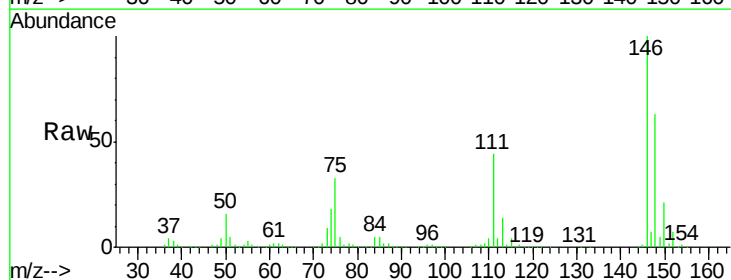
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 526156
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 40.9 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 41.738 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:146 Resp: 490507
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 44.2 37.6 56.4

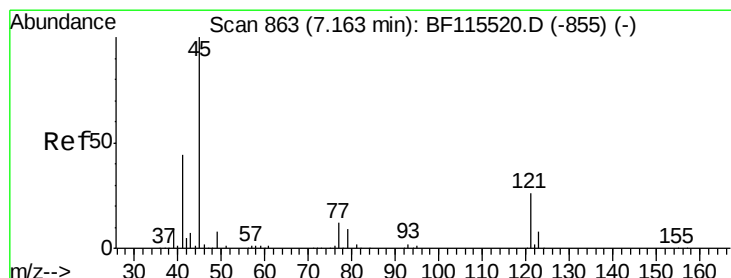
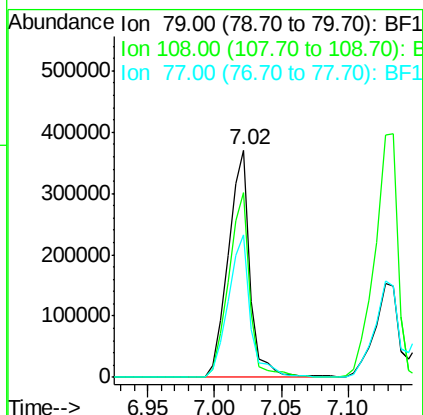
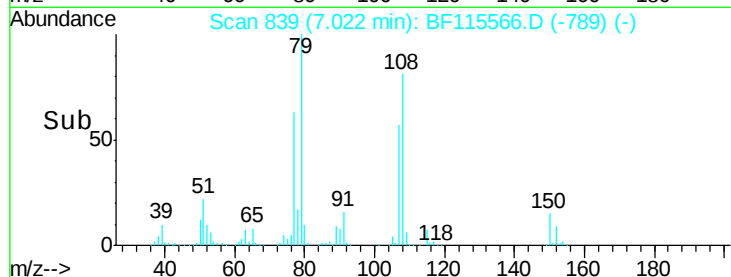
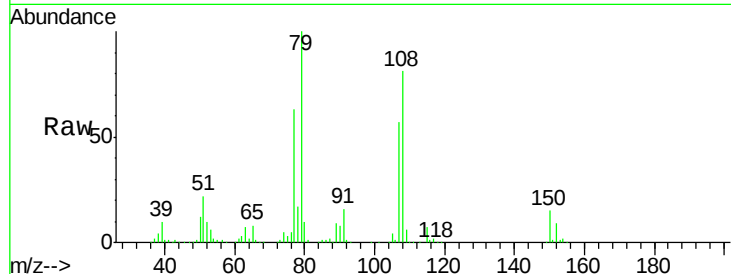




#15
Benzyl Alcohol
Concen: 42.628 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

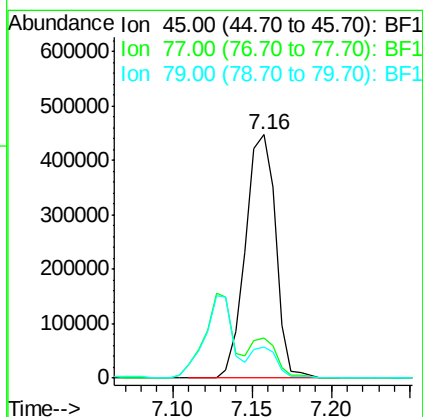
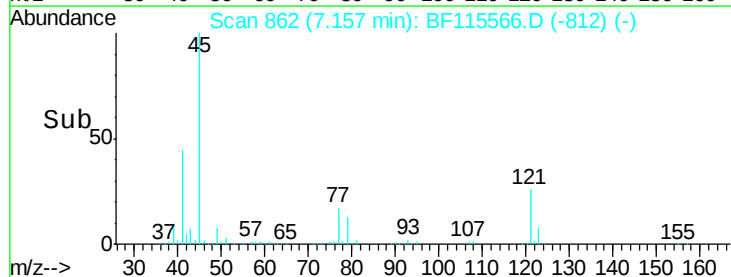
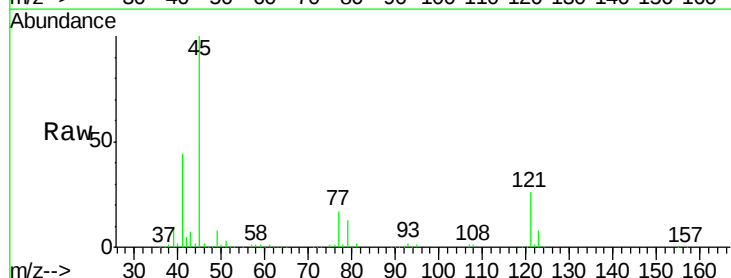
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 427701
Ion Ratio Lower Upper
79 100
108 81.4 64.2 96.4
77 62.7 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.327 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion: 45 Resp: 593491
Ion Ratio Lower Upper
45 100
77 16.7 0.0 38.1
79 13.0 0.0 34.1

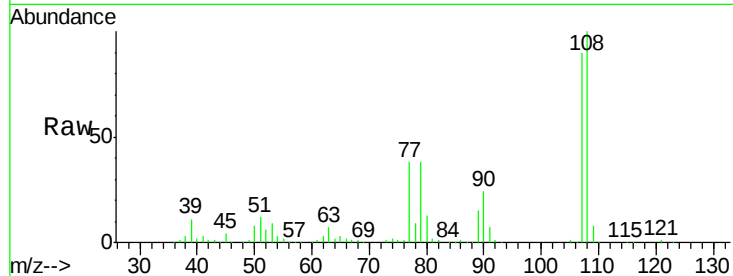




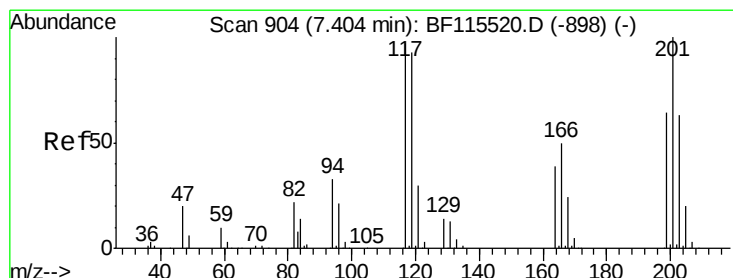
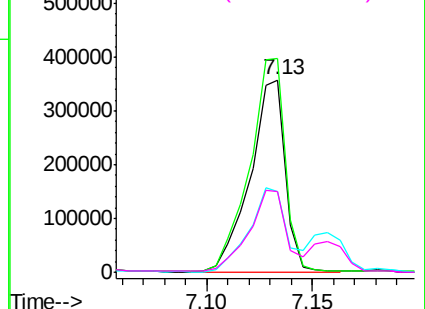
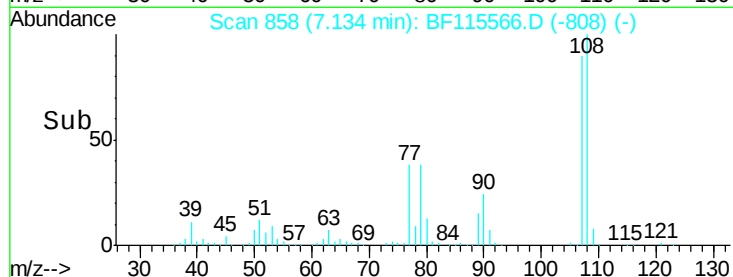
#17
2-Methylphenol
Concen: 41.784 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 412673
Ion Ratio Lower Upper
107 100
108 111.2 89.4 134.2
77 41.8 35.7 53.5
79 41.8 35.0 52.4

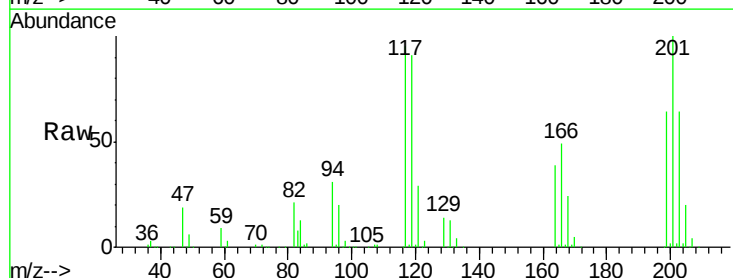


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

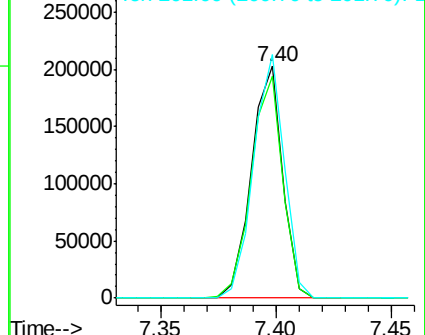
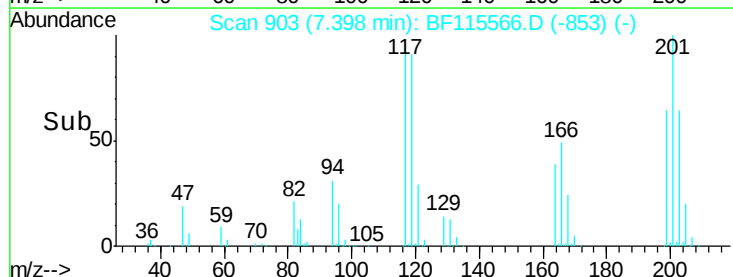


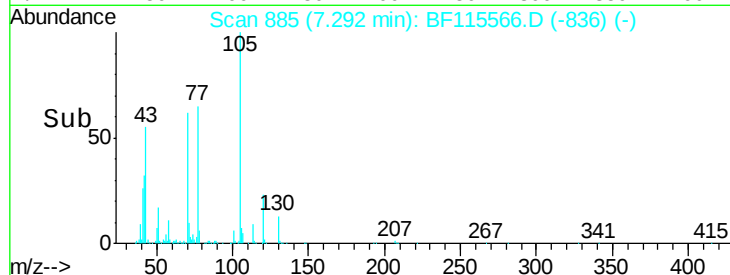
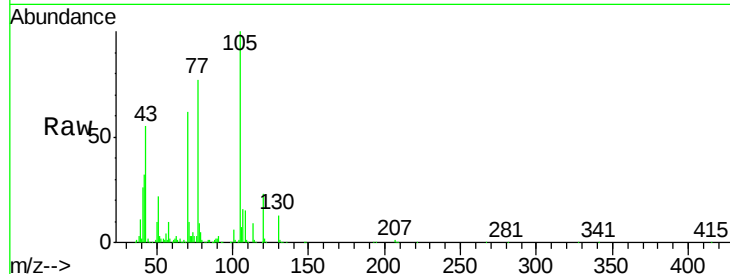
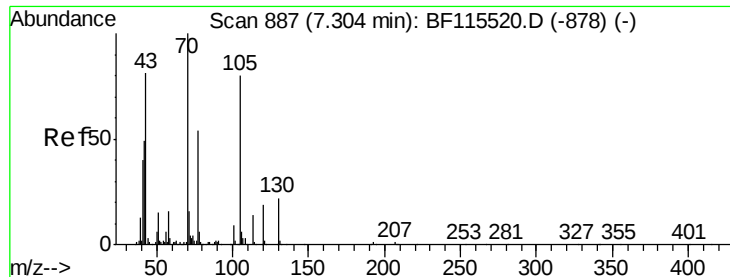
#18
Hexachloroethane
Concen: 40.132 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:117 Resp: 191502
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5
201 105.1 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

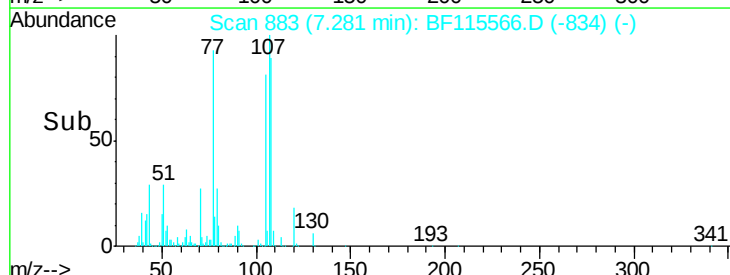
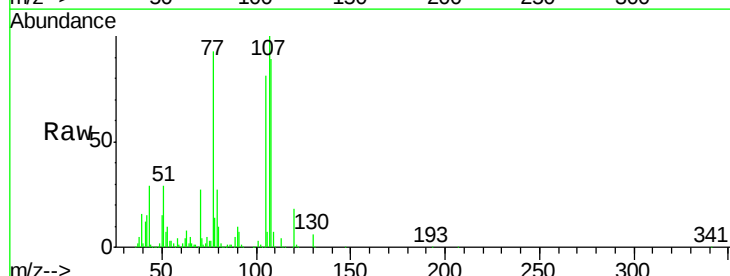
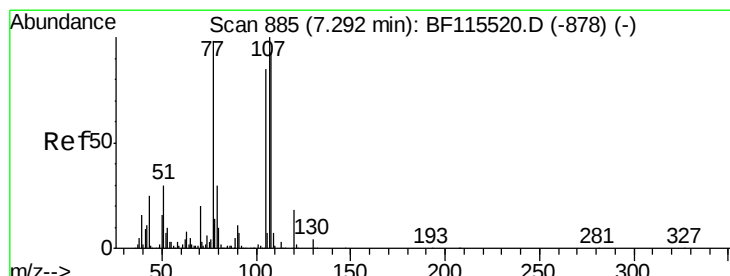
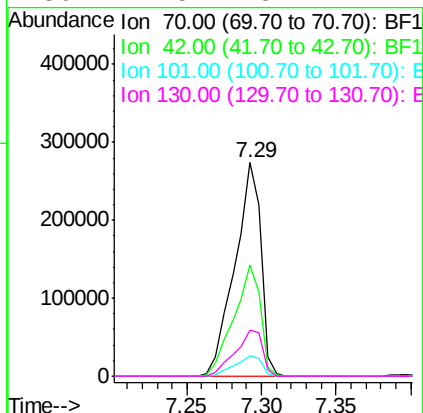




#19
n-Nitroso-di-n-propylamine
Concen: 40.586 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

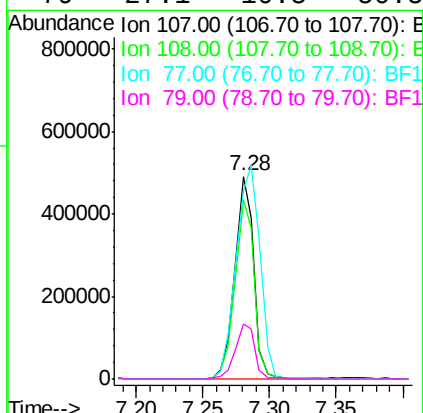
Instrument :
BNA_F
ClientSampleId :

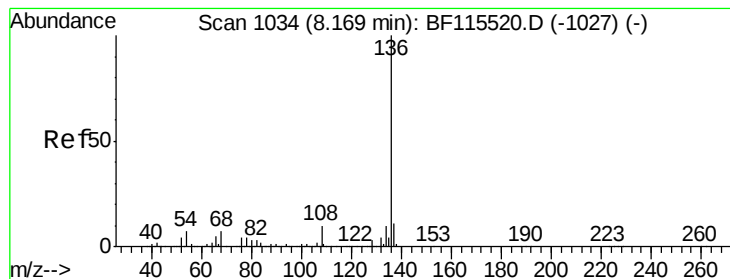
Tot Ion:	70	Resp:	334789
Ion	Ratio	Lower	Upper
70	100		
42	52.0	39.6	59.4
101	9.5	8.1	12.1
130	21.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.913 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:	107	Resp:	491692
Ion	Ratio	Lower	Upper
107	100		
108	88.6	72.9	112.9
77	93.2	77.6	117.6
79	27.1	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 656473

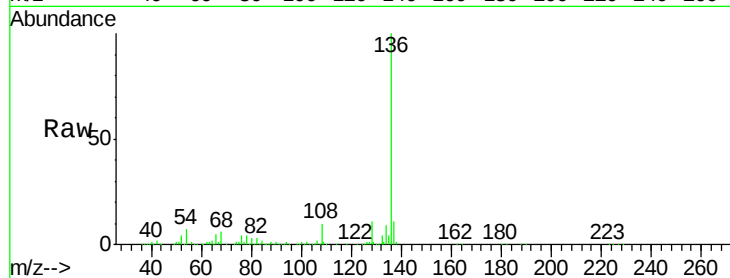
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 5.6 8.4

68 6.0 5.0 7.6

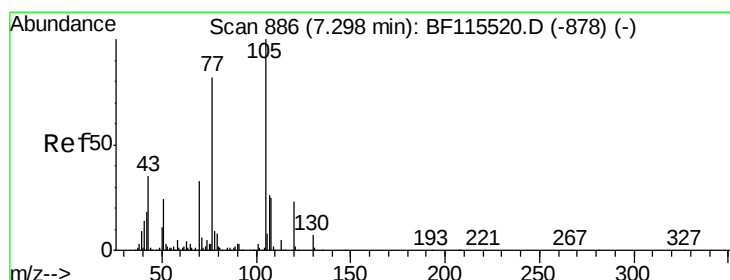
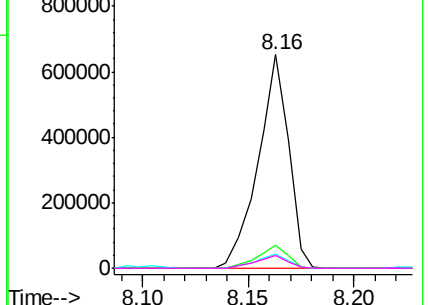
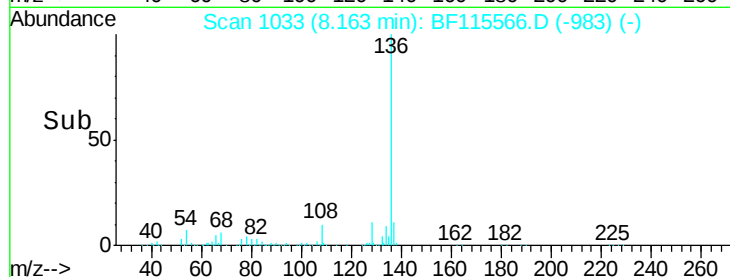


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.077 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Tgt Ion:105 Resp: 653690

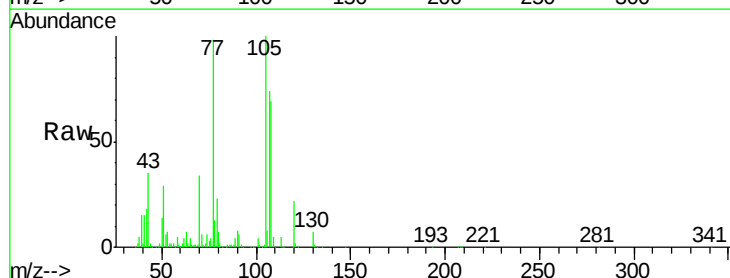
Ion Ratio Lower Upper

105 100

71 5.8 3.5 5.3#

51 29.3 25.6 38.4

120 22.1 17.9 26.9

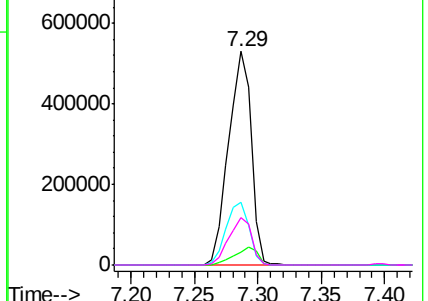
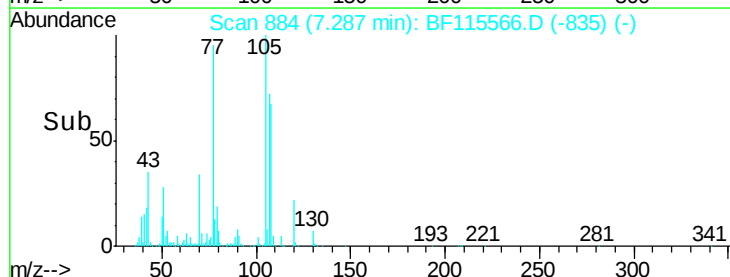


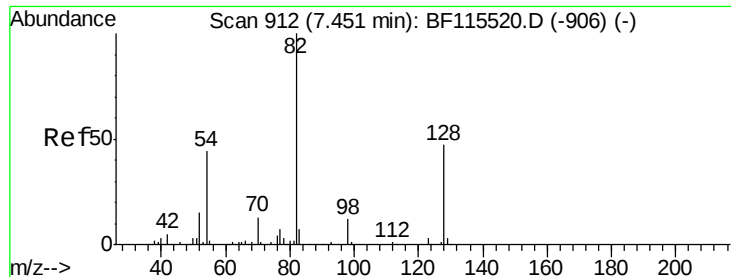
Abundance Ion 105.00 (104.70 to 105.70): E

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

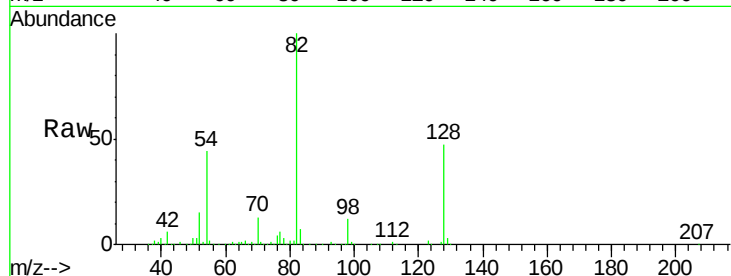




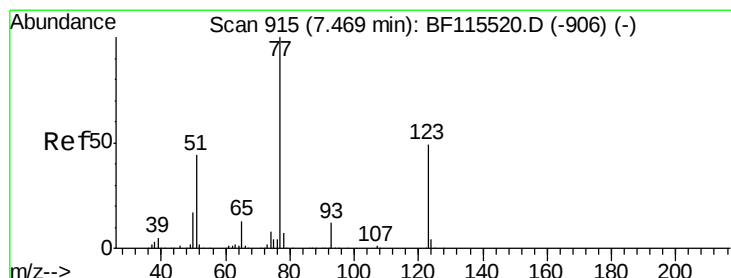
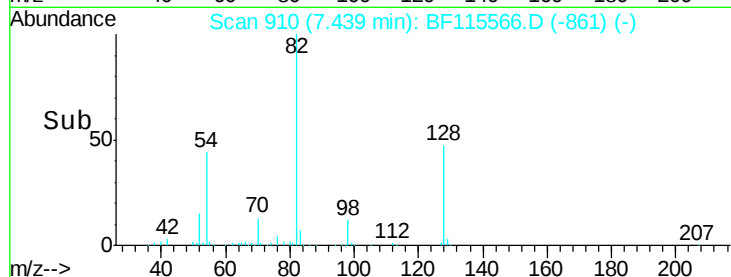
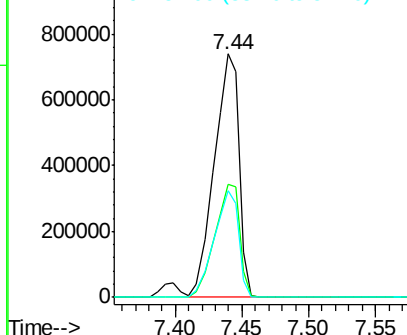
#23
 Nitrobenzene-d5
 Concen: 85.275 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	962756
Ion Ratio	Lower	Upper	
82	100		
128	46.7	38.6	57.8
54	43.6	35.6	53.4

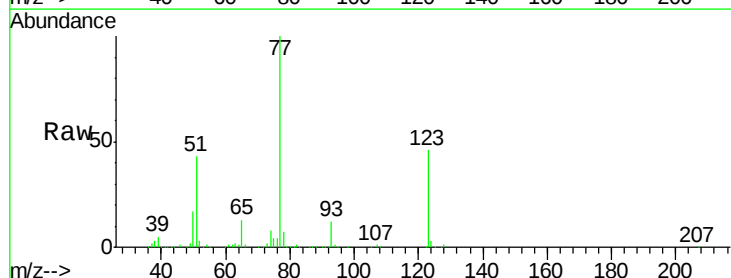


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

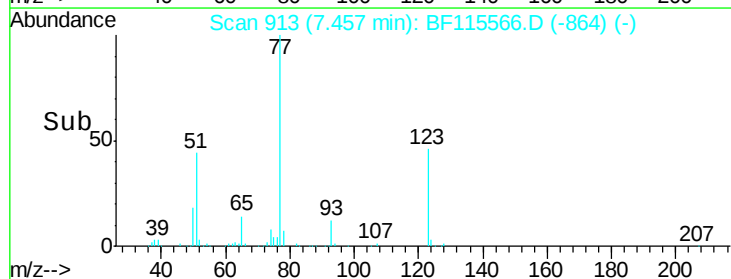
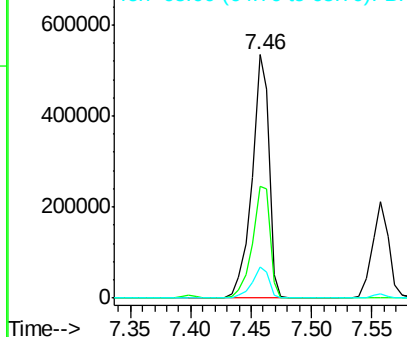


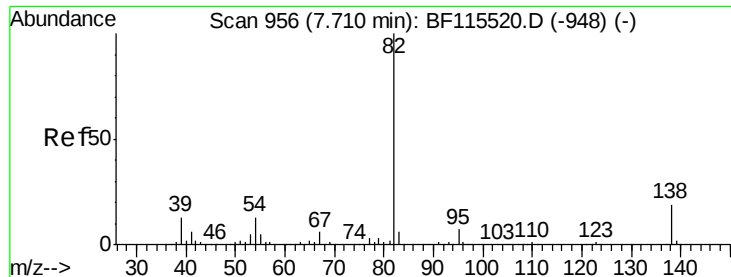
#24
 Nitrobenzene
 Concen: 43.103 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion	77	Resp	524877
Ion Ratio	Lower	Upper	
77	100		
123	46.1	40.0	60.0
65	13.0	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: 42.641 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

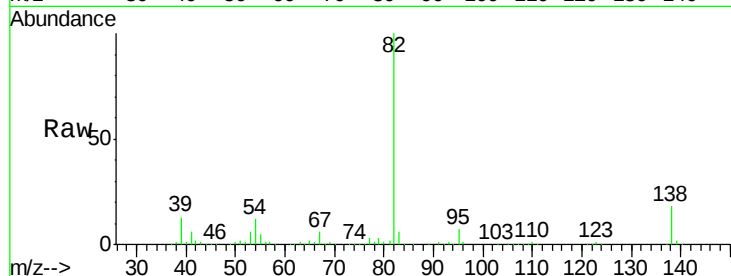
Tot Ion: 82 Resp: 963310

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

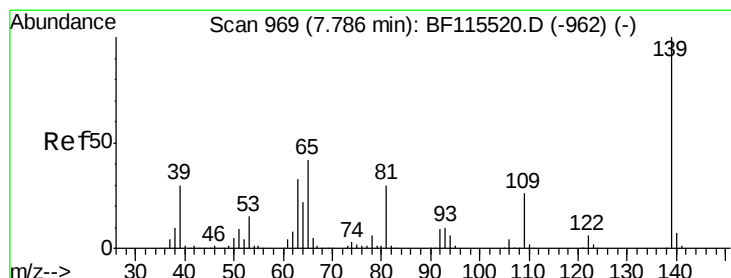
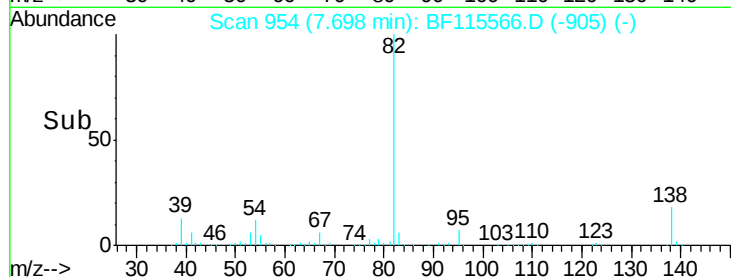
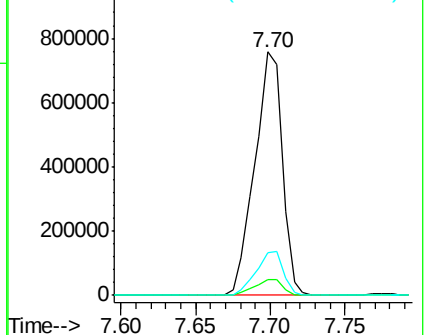
138 17.7 14.9 22.3



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: 43.580 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

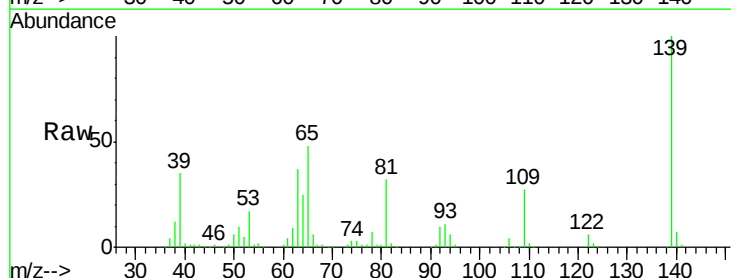
Tgt Ion: 139 Resp: 273153

Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

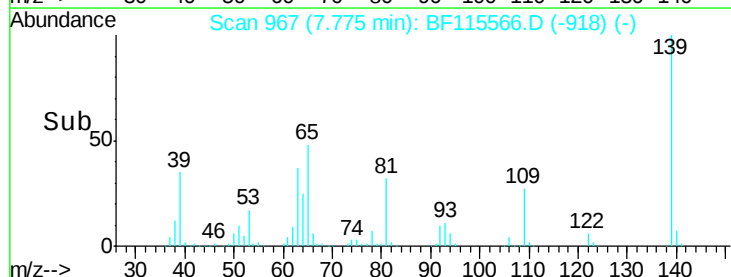
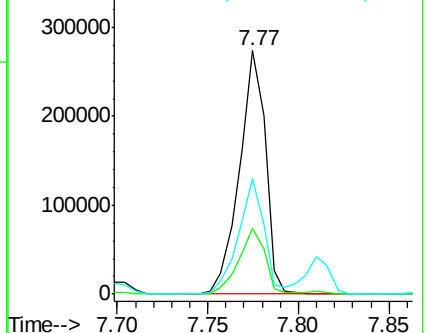
65 47.7 37.9 56.9



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: 49.433 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

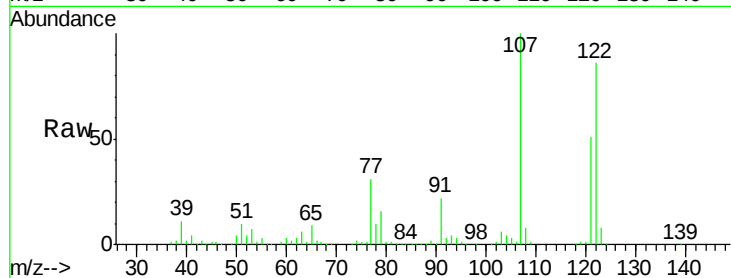
Tot Ion:122 Resp: 463585

Ion Ratio Lower Upper

122 100

107 115.8 92.9 139.3

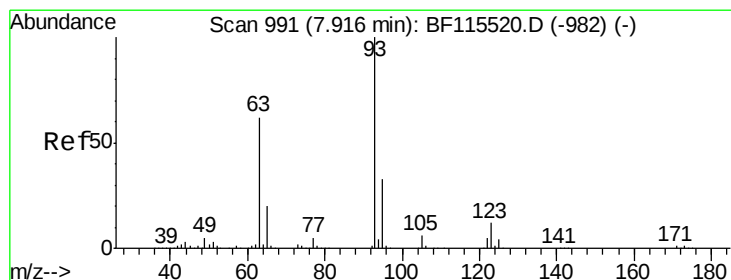
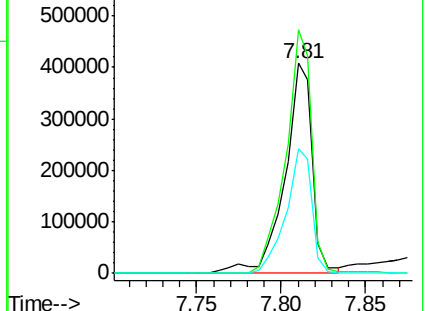
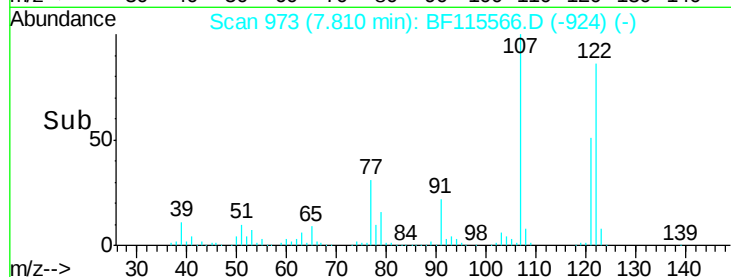
121 59.2 46.9 70.3



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: 42.674 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

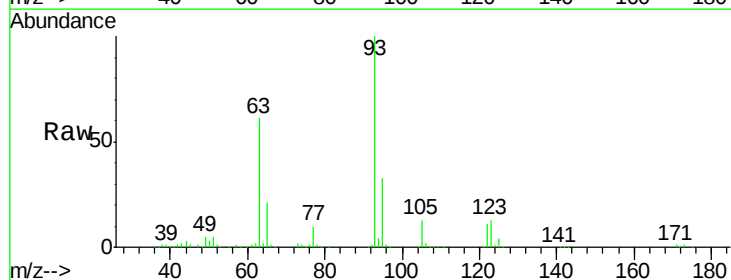
Tgt Ion: 93 Resp: 591433

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

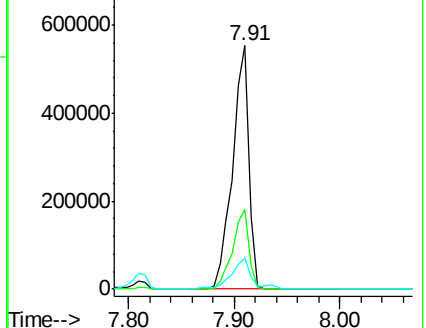
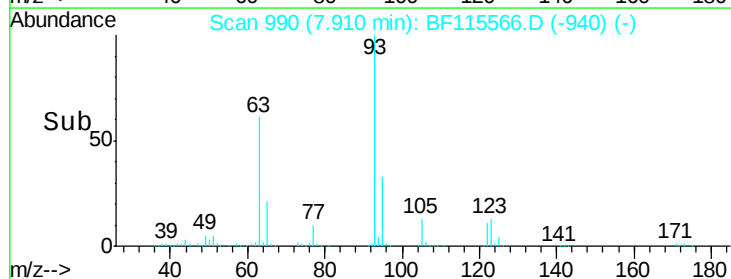
123 12.7 9.9 14.9

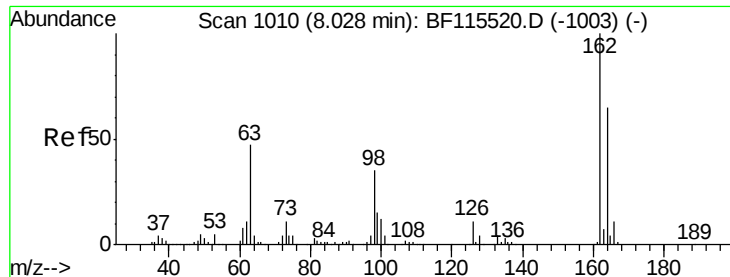


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

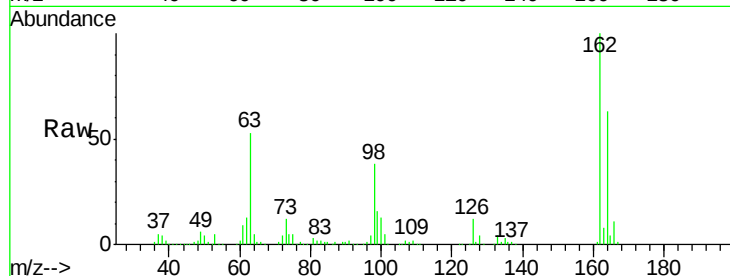




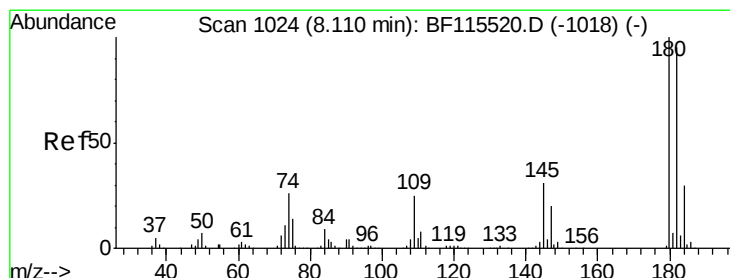
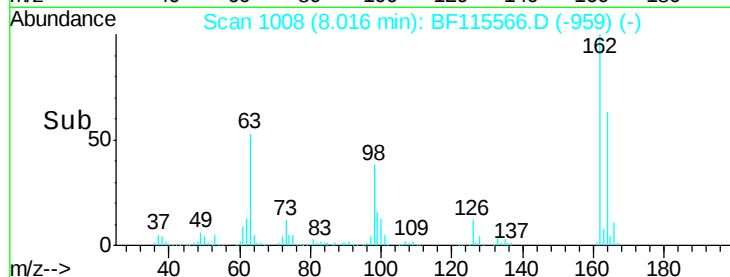
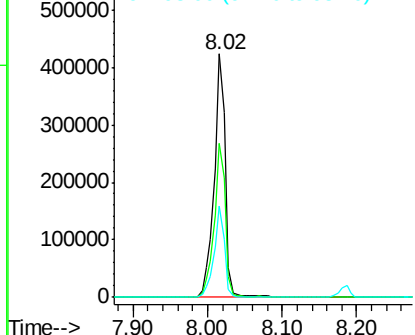
#29
 2,4-Dichlorophenol
 Concen: 44.360 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 432650
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.9 84.9
 98 37.6 17.7 57.7

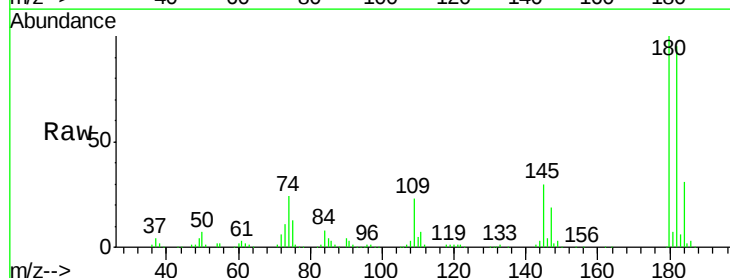


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

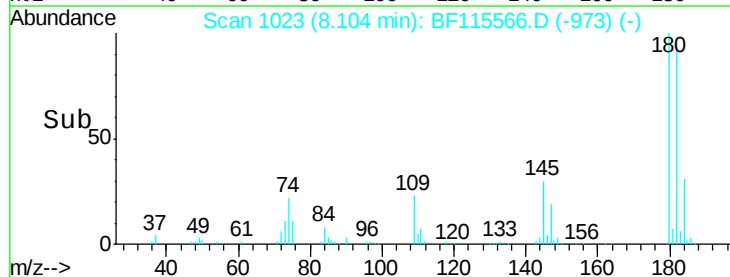
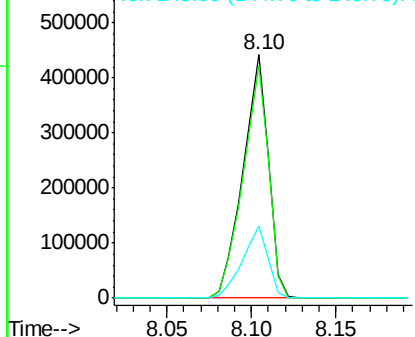


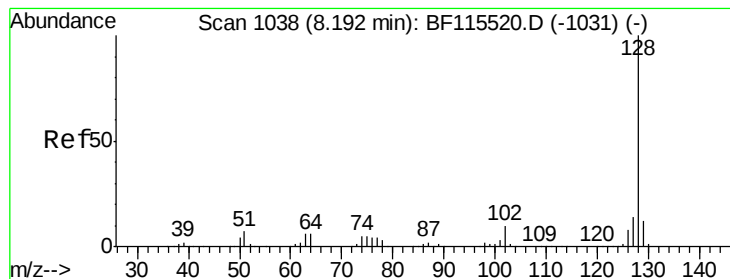
#30
 1,2,4-Trichlorobenzene
 Concen: 42.350 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:180 Resp: 466904
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.0 112.6
 145 29.6 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: 44.386 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

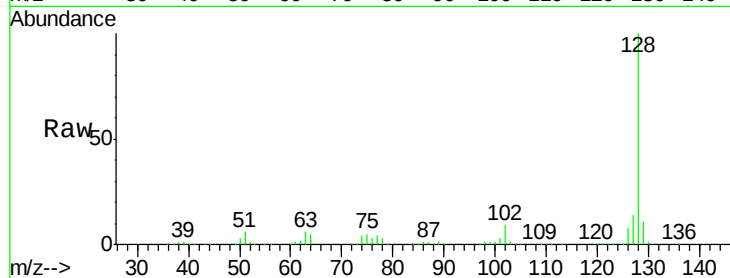
Tot Ion:128 Resp: 1411171

Ion Ratio Lower Upper

128 100

129 11.4 9.9 14.9

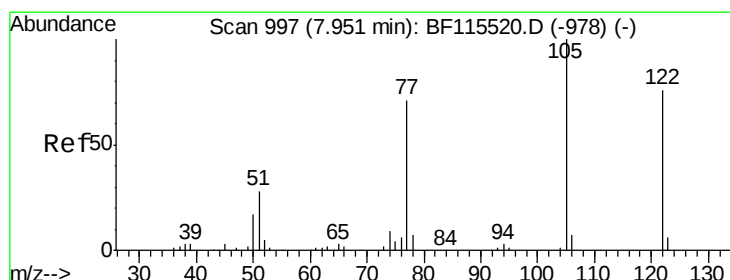
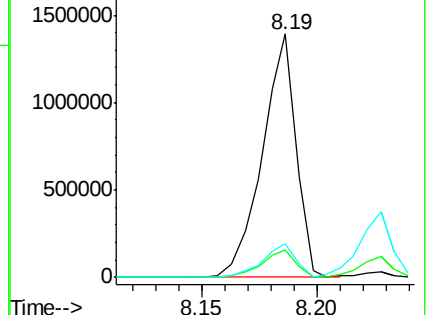
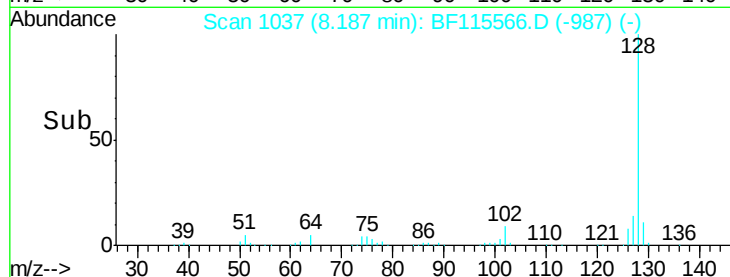
127 13.6 12.1 18.1



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: 40.370 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

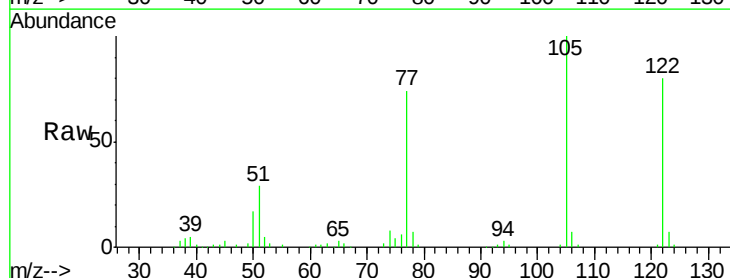
Tgt Ion:122 Resp: 310705

Ion Ratio Lower Upper

122 100

105 125.2 102.5 142.5

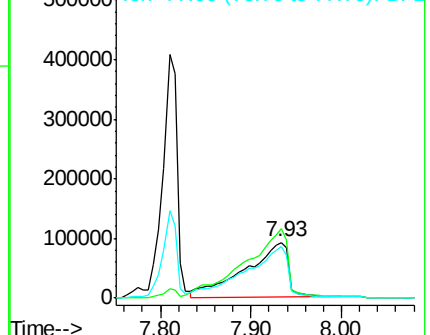
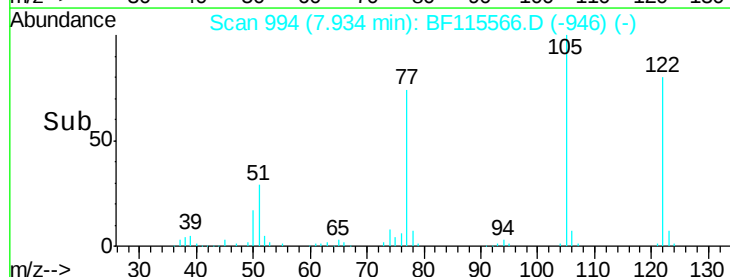
77 93.2 70.2 110.2



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

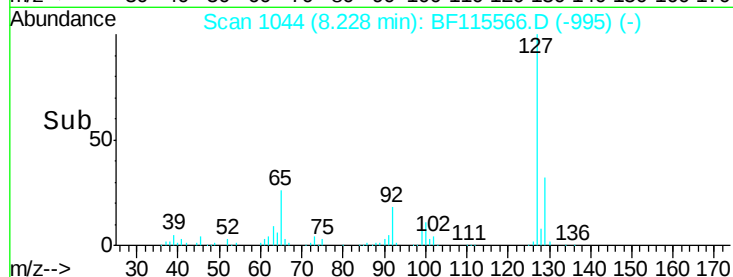
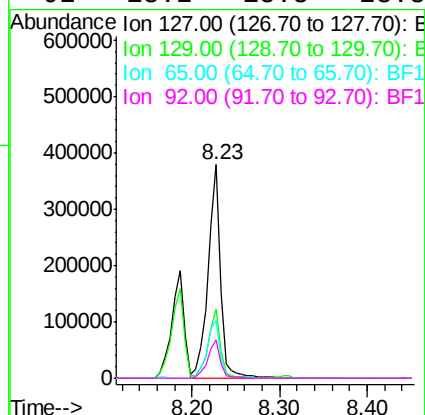
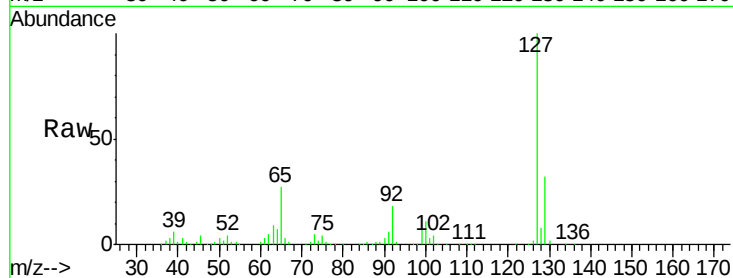




#33
4-Chloroaniline
Concen: 26.922 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

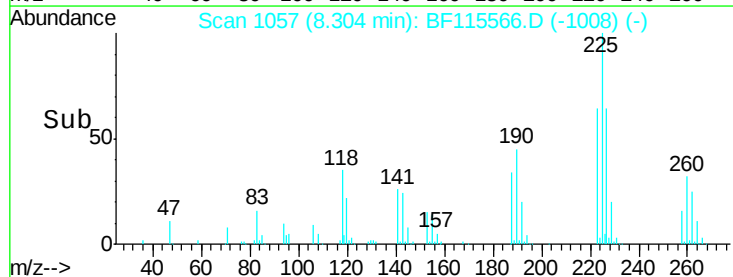
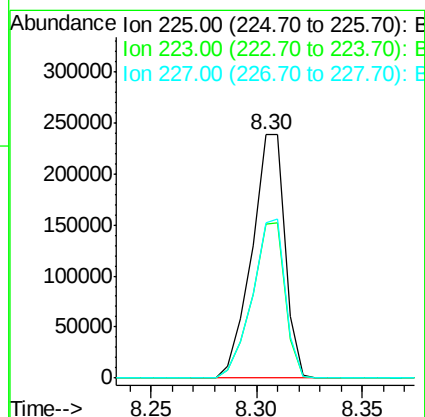
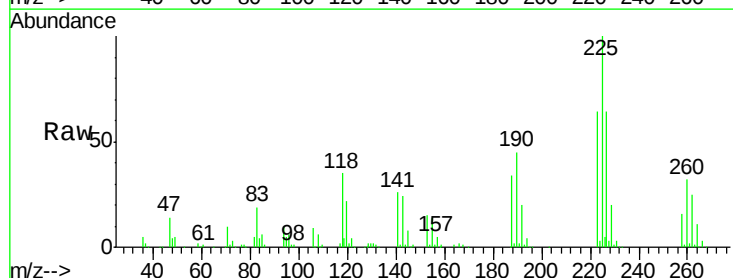
Instrument :
BNA_F
ClientSampled :

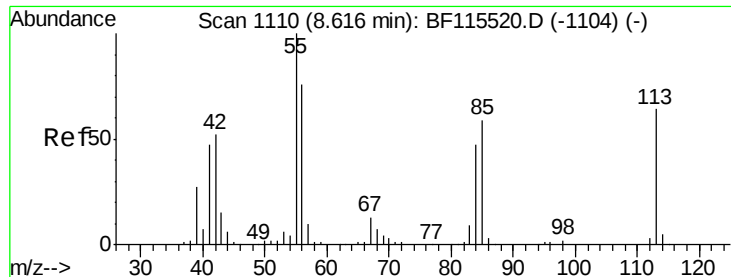
Tot Ion:	127	Resp:	379129
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	27.2	23.7	35.5
92	18.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.359 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:	225	Resp:	261484
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	63.6	50.7	76.1

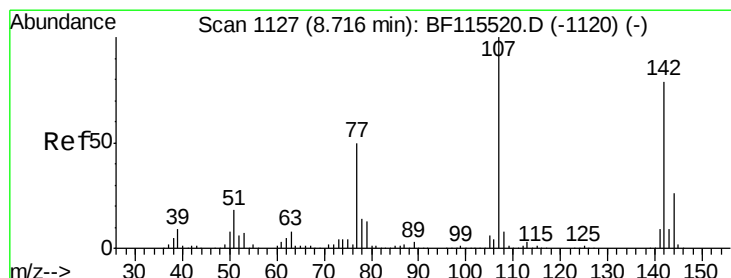
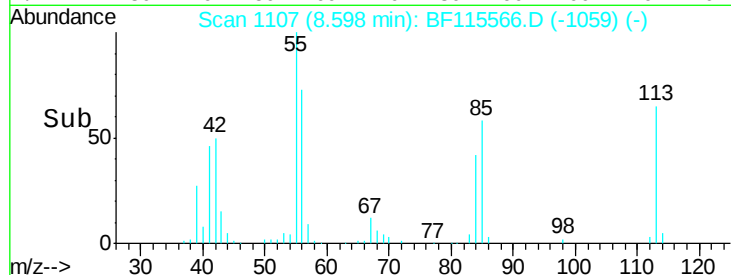
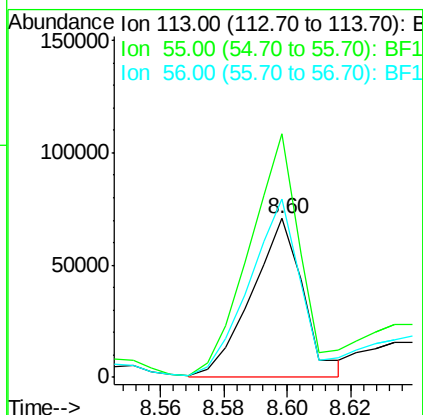
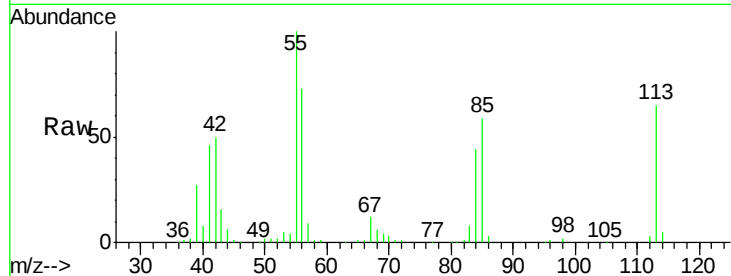




#35
 Caprolactam
 Concen: 26.669 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

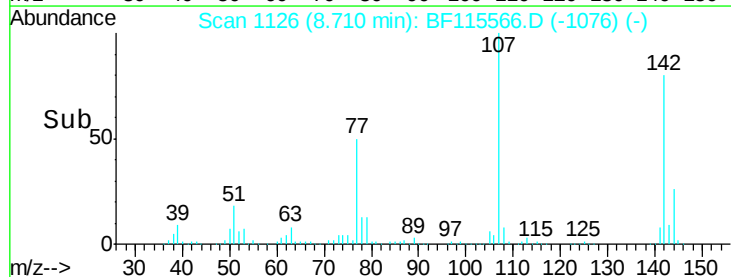
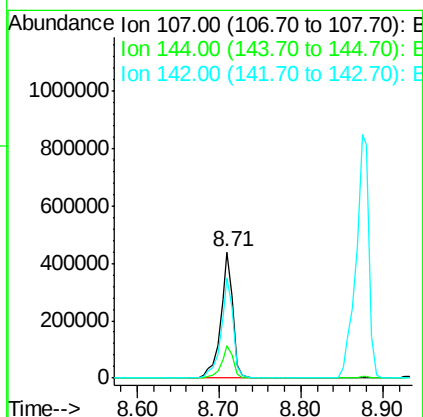
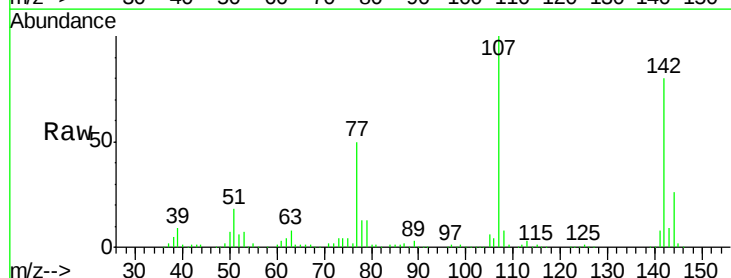
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 80376
 Ion Ratio Lower Upper
 113 100
 55 153.1 126.9 166.9
 56 112.4 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.644 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:107 Resp: 451664
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 30.8
 142 79.8 63.1 94.7

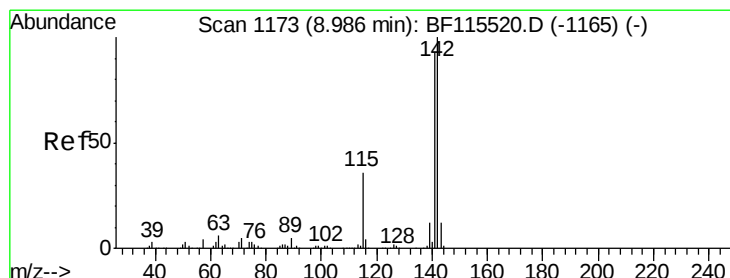
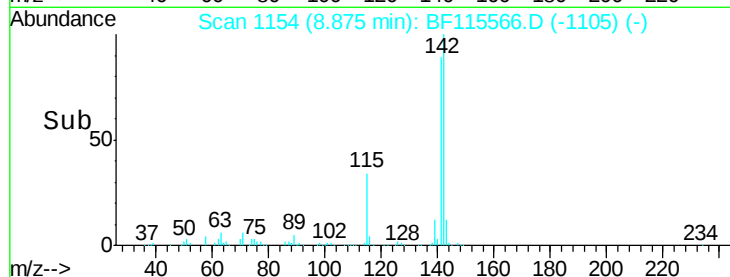
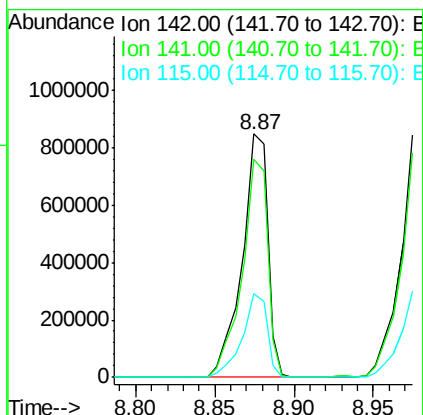
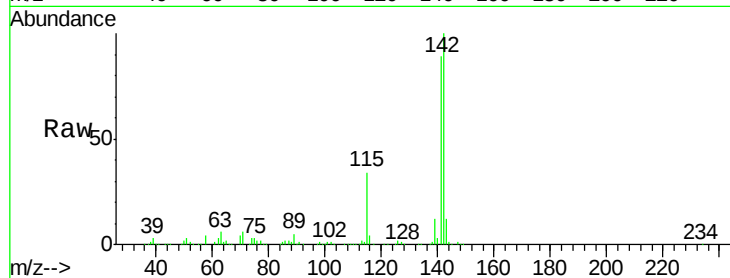




#37
2-Methylnaphthalene
Concen: 45.269 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

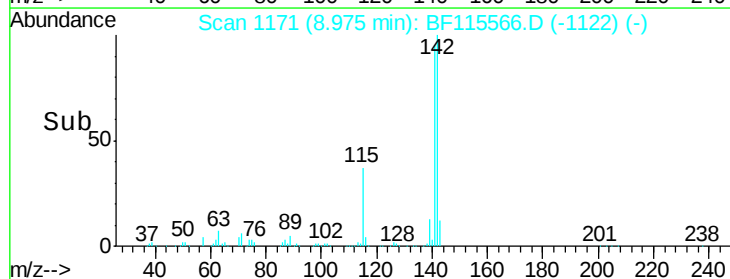
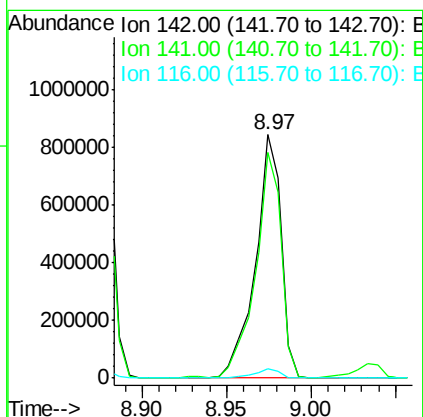
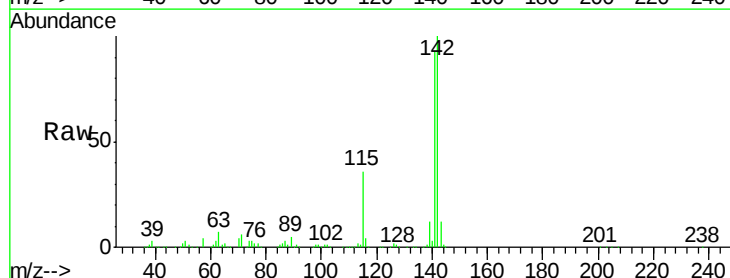
Instrument :
BNA_F
ClientSampleId :

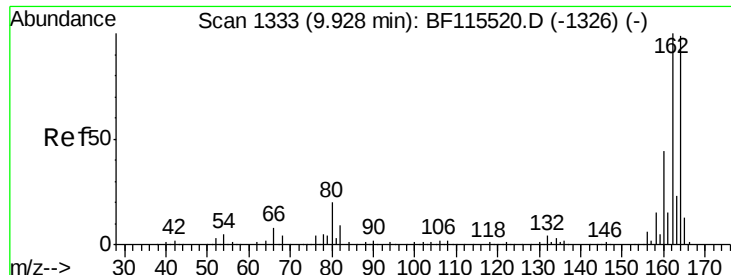
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.0	108.0
115	34.3	29.9	44.9



#38
1-Methylnaphthalene
Concen: 44.677 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.3	112.9
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

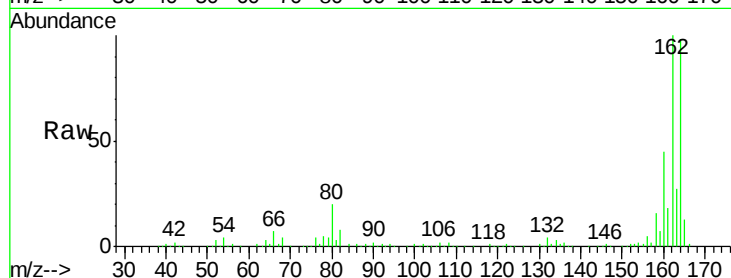
Tot Ion:164 Resp: 334300

Ion Ratio Lower Upper

164 100

162 102.5 82.9 124.3

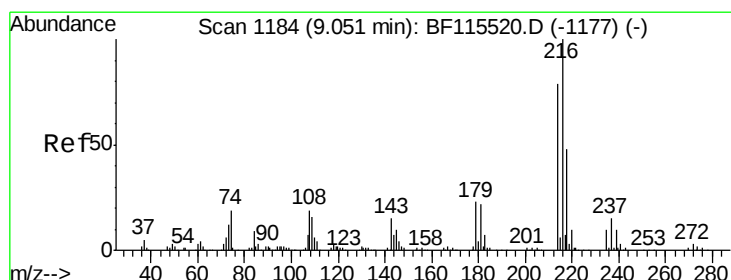
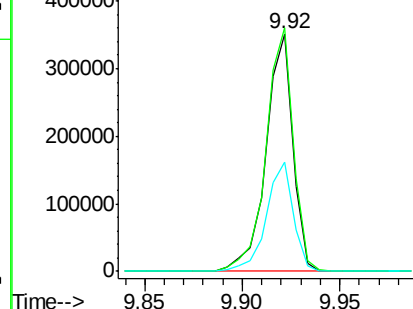
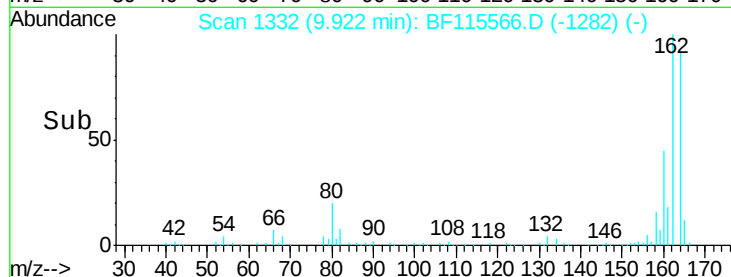
160 45.9 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.960 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Tgt Ion:216 Resp: 432476

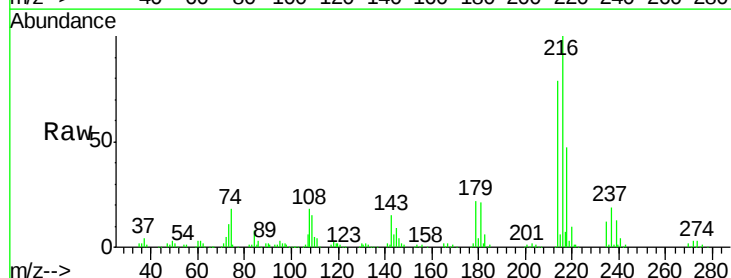
Ion Ratio Lower Upper

216 100

214 78.7 65.1 97.7

179 21.8 18.3 27.5

108 20.3 15.7 23.5

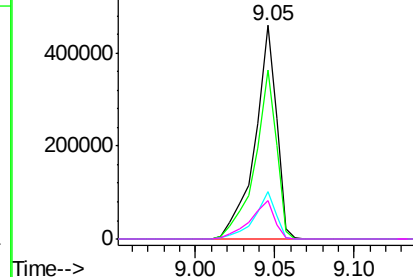
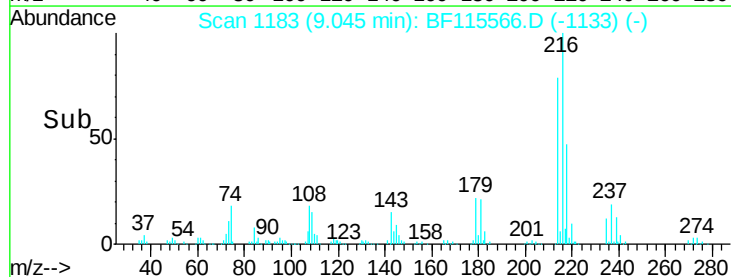


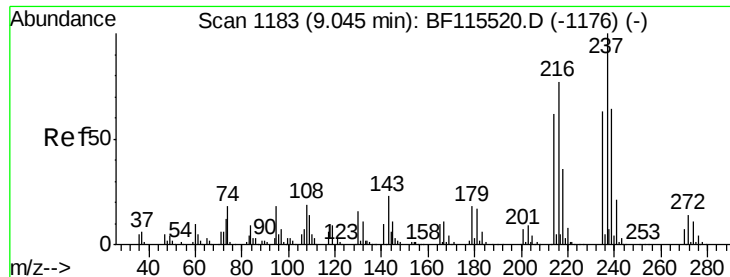
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.284 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

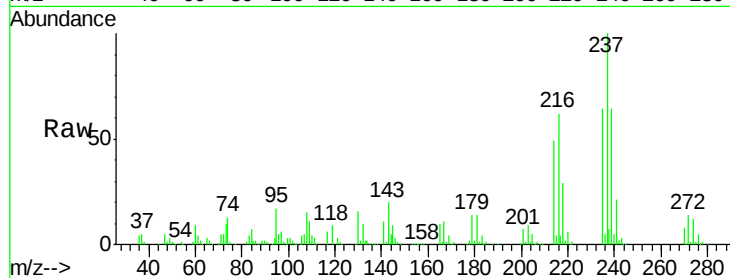
Tot Ion:237 Resp: 449553

Ion Ratio Lower Upper

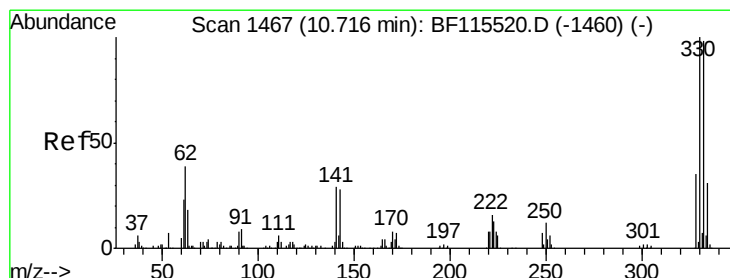
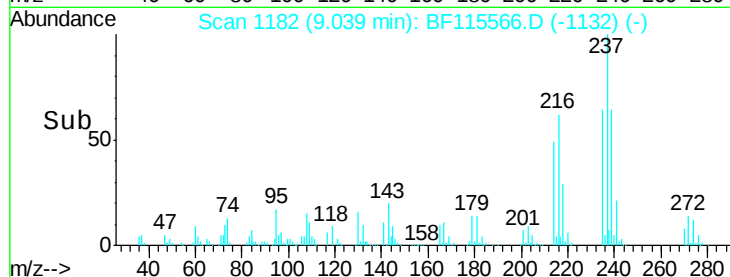
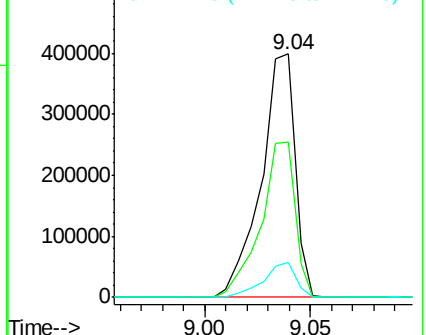
237 100

235 63.9 43.6 83.6

272 14.1 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: 123.954 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

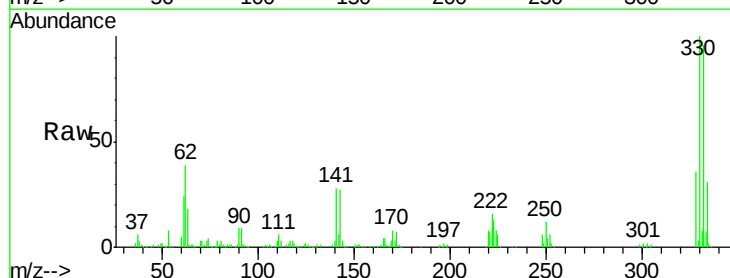
Tgt Ion:330 Resp: 483680

Ion Ratio Lower Upper

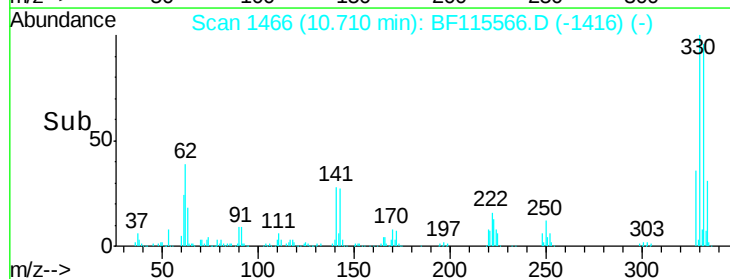
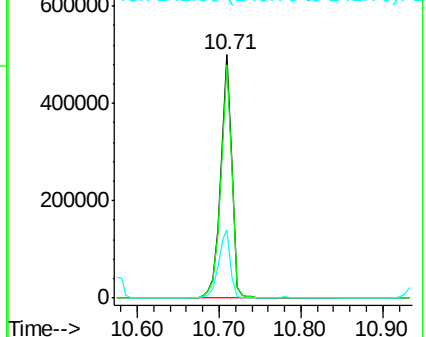
330 100

332 95.7 77.4 116.2

141 29.7 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

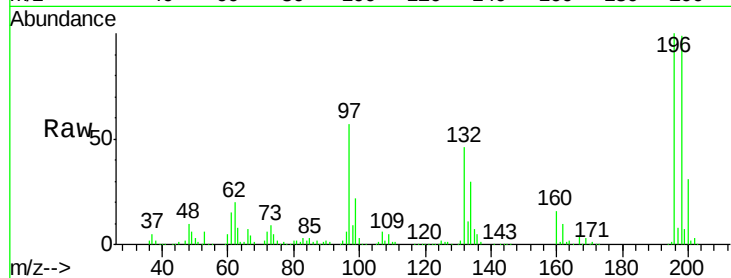




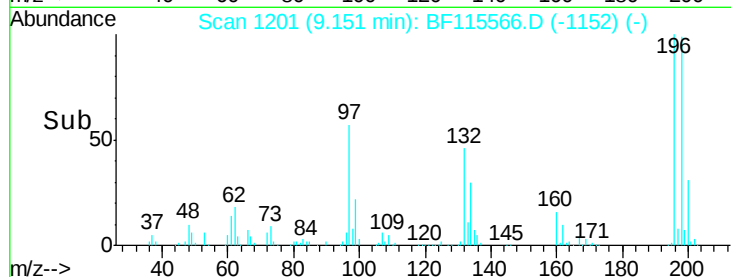
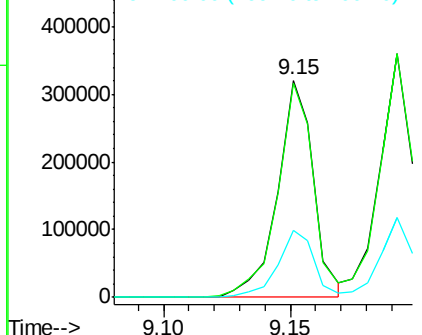
#43
 2,4,6-Trichlorophenol
 Concen: 43.020 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 316709
 Ion Ratio Lower Upper
 196 100
 198 98.5 80.6 121.0
 200 30.9 25.8 38.6

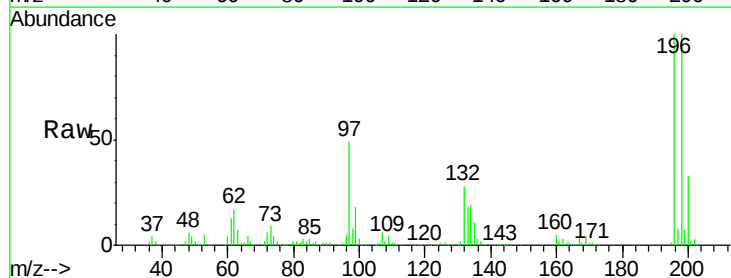


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

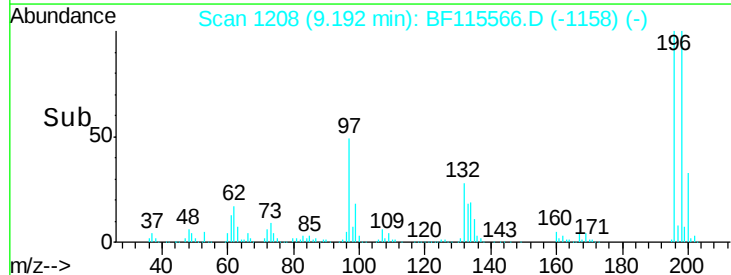
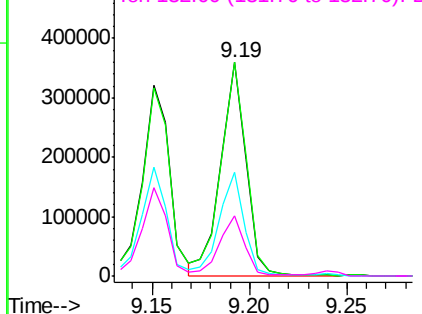


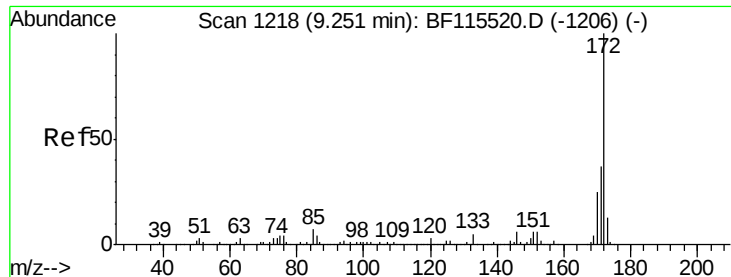
#44
 2,4,5-Trichlorophenol
 Concen: 43.095 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:196 Resp: 324905
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.6 119.4
 97 48.6 37.8 56.6
 132 28.3 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



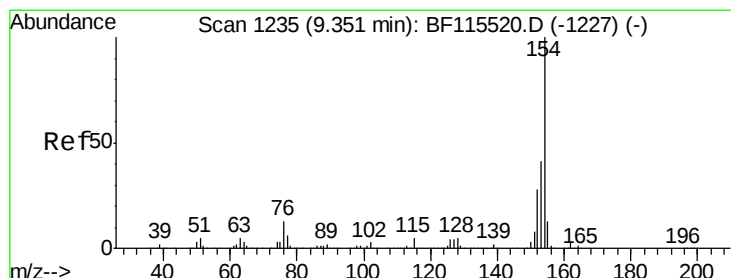
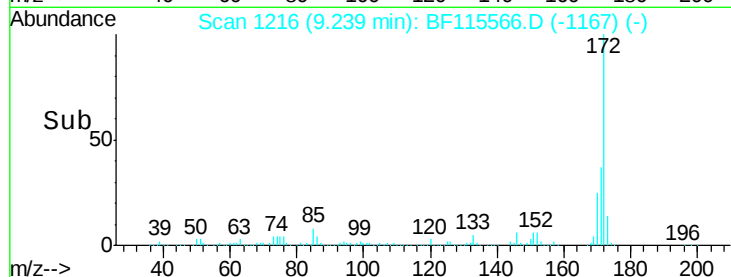
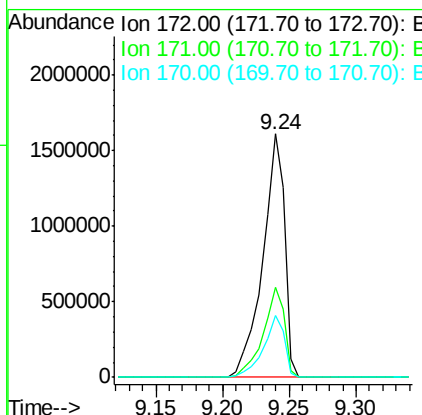
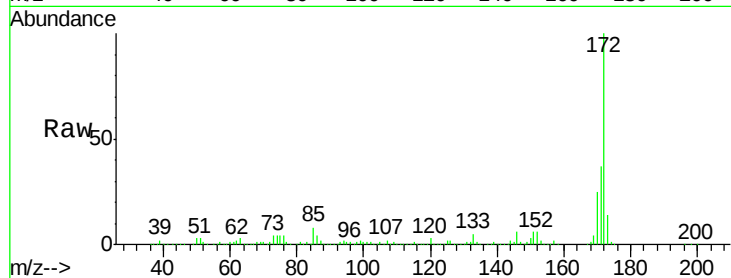


#45
 2-Fluorobiphenyl
 Concen: 95.028 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1815017

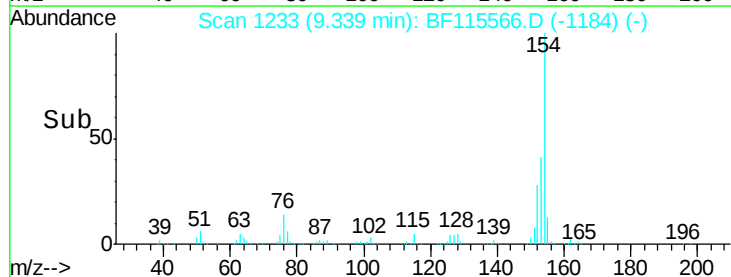
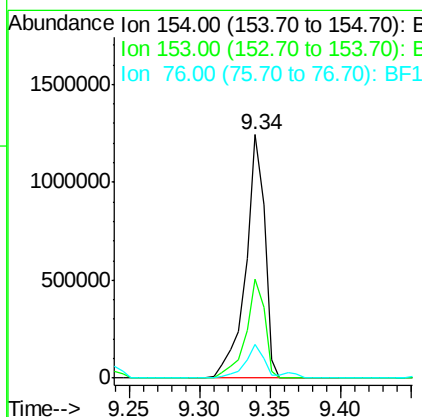
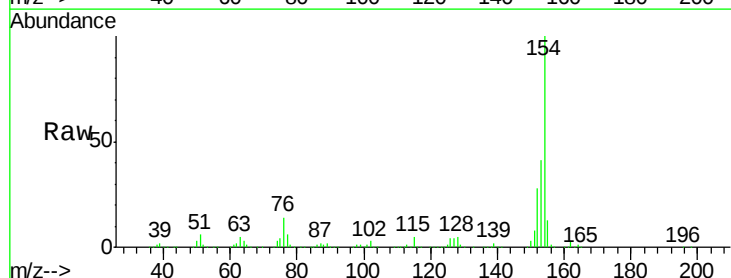
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	25.3	20.5	30.7

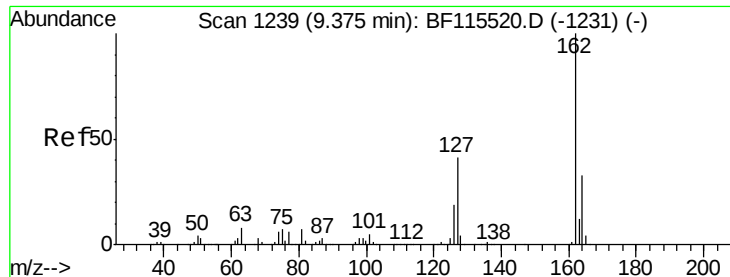


#46
 1,1'-Biphenyl
 Concen: 44.693 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:154 Resp: 1168050

Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.6	62.6
76	13.9	0.0	33.4

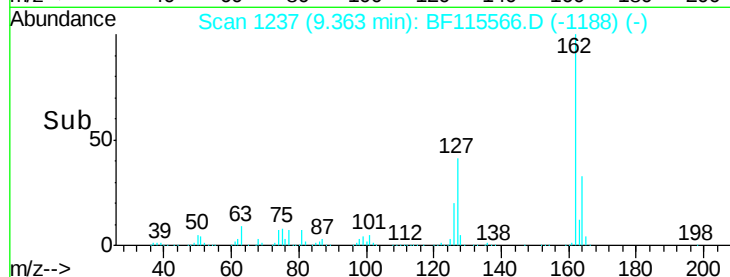
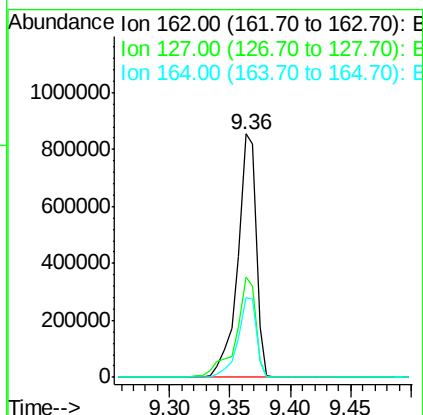
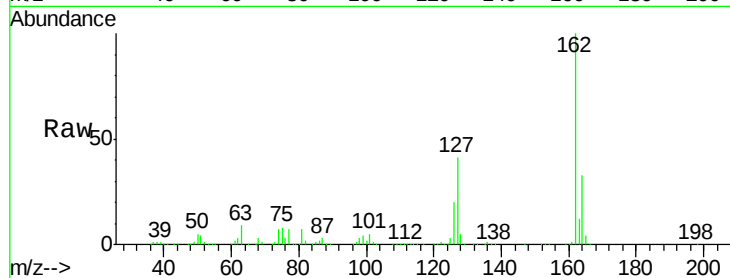




#47
 2-Chloronaphthalene
 Concen: 42.200 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

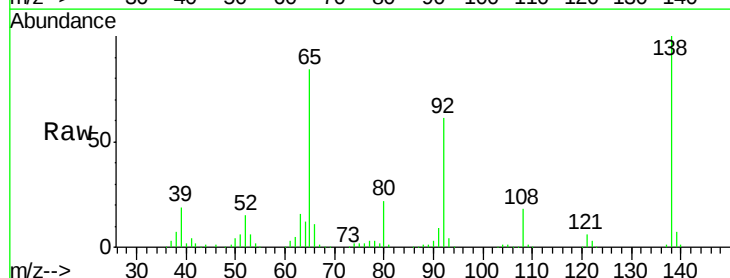
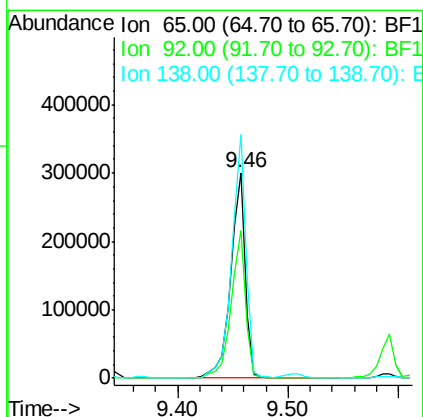
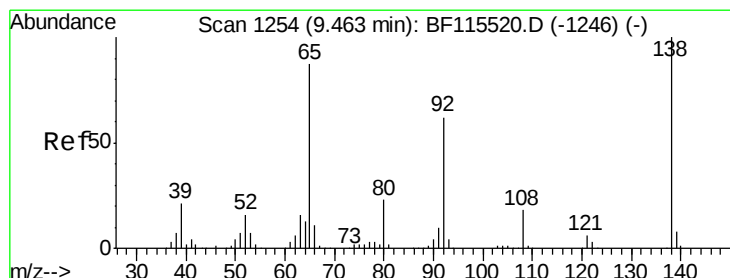
Instrument :
 BNA_F
 ClientSampleID :

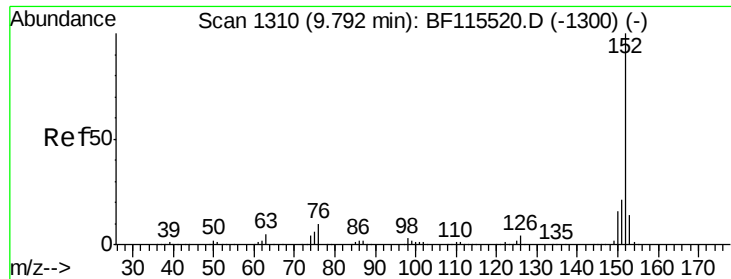
Tot Ion:162 Resp: 918335
 Ion Ratio Lower Upper
 162 100
 127 41.4 34.1 51.1
 164 32.6 27.4 41.2



#48
 2-Nitroaniline
 Concen: 41.300 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion: 65 Resp: 278177
 Ion Ratio Lower Upper
 65 100
 92 72.0 57.8 86.6
 138 118.6 91.2 136.8





#49

Acenaphthylene

Concen: 44.064 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

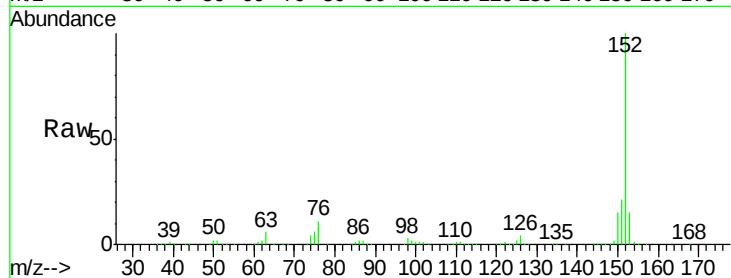
Tot Ion:152 Resp: 1420848

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

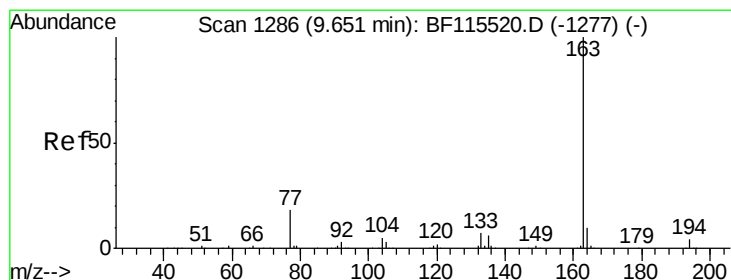
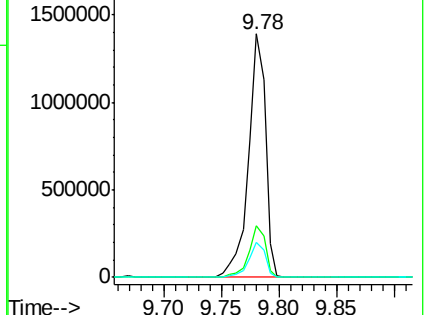
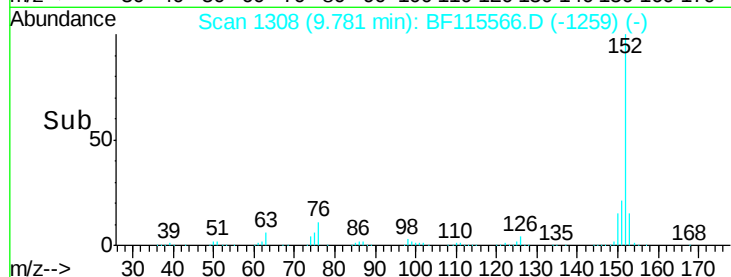
153 14.5 12.0 18.0



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: 42.681 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

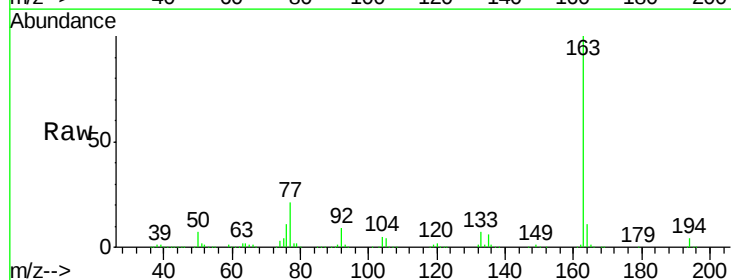
Tgt Ion:163 Resp: 1073499

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

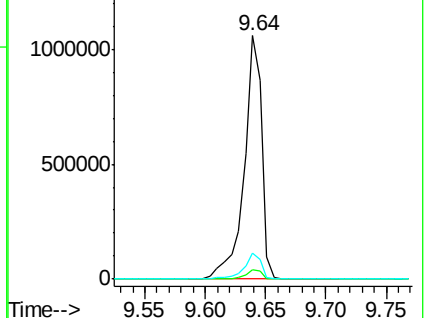
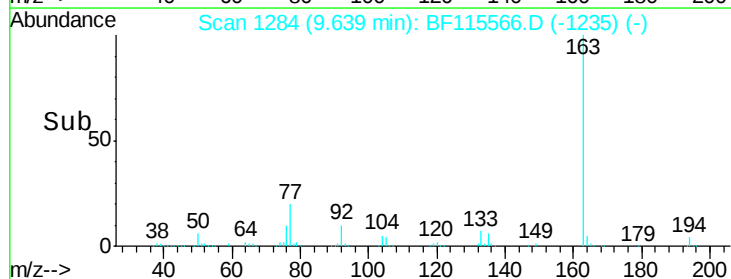
164 10.7 8.7 13.1

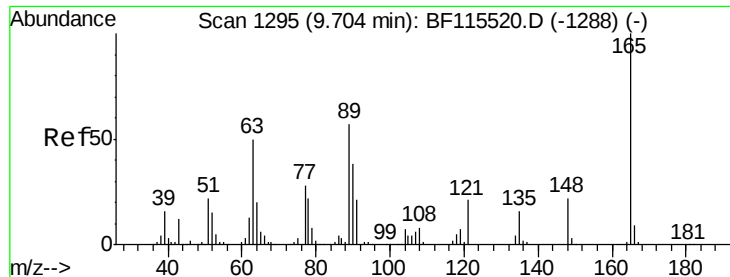


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.950 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampled :

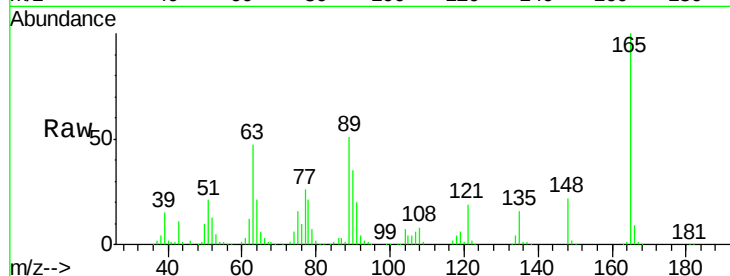
Tot Ion:165 Resp: 251211

Ion Ratio Lower Upper

165 100

63 47.2 40.6 61.0

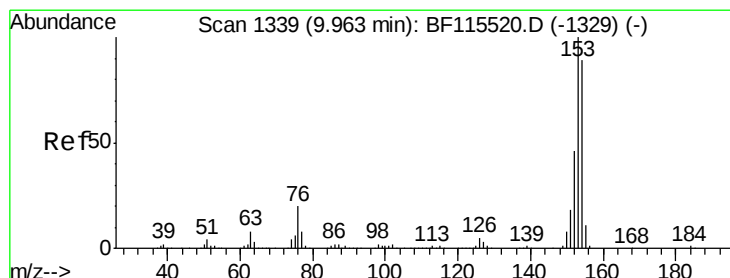
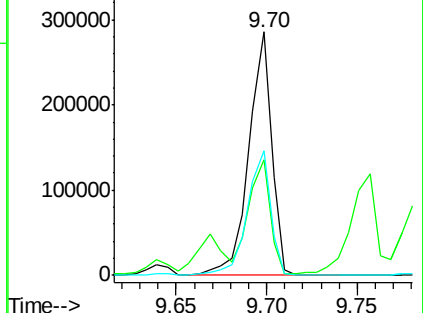
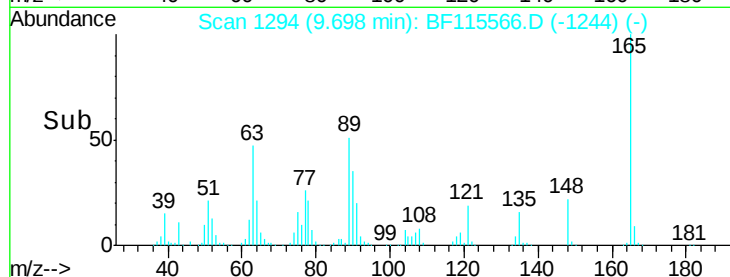
89 51.2 43.9 65.9



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: 47.448 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

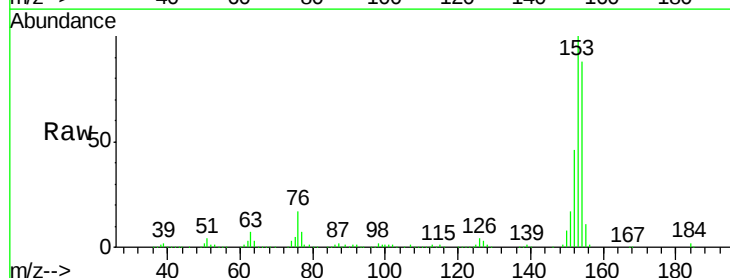
Tgt Ion:154 Resp: 987788

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

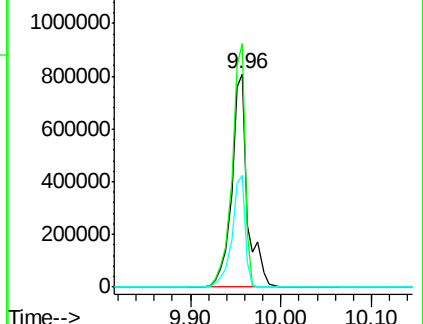
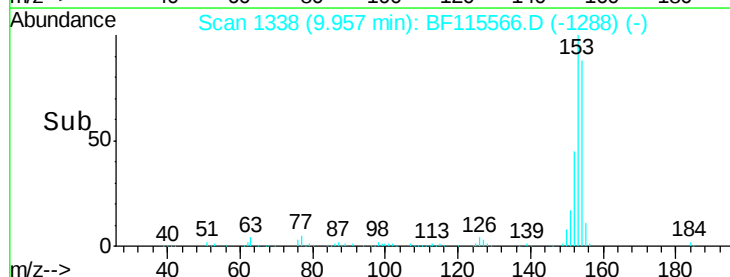
152 52.5 42.3 63.5

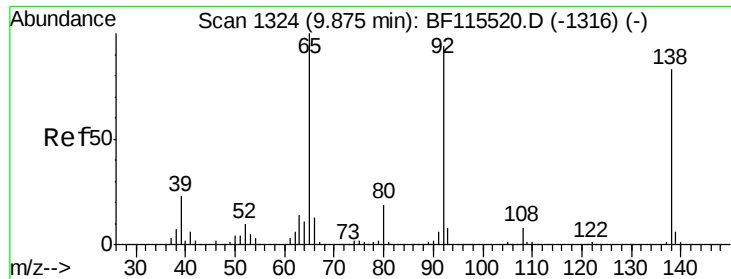


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

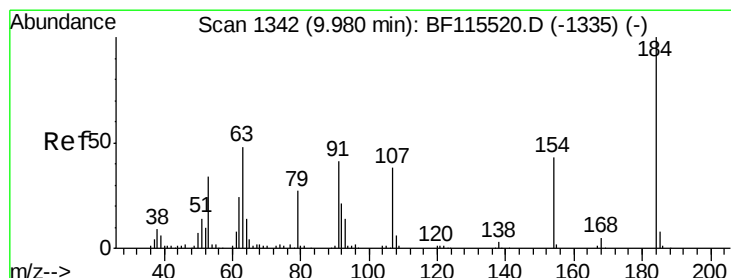
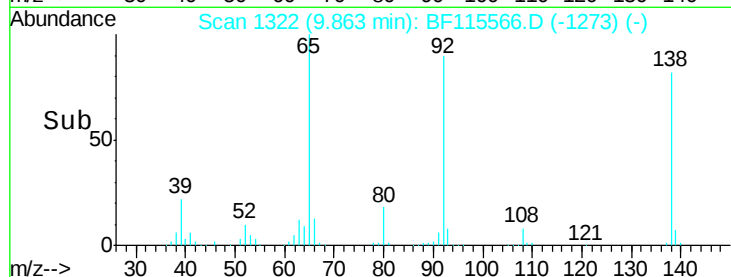
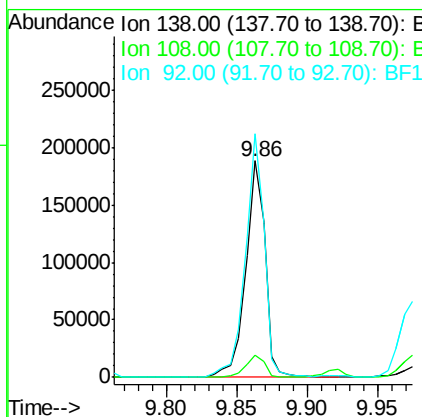
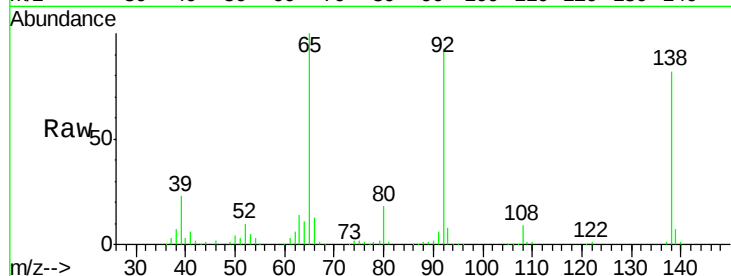




#53
 3-Nitroaniline
 Concen: 27.749 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

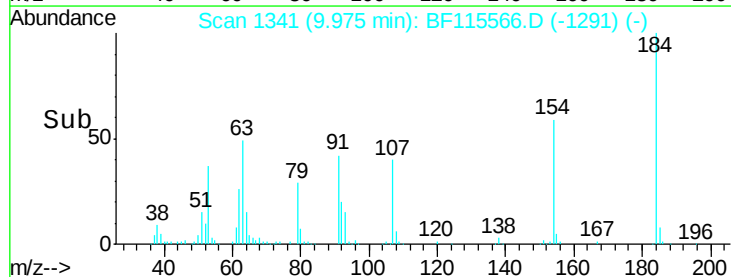
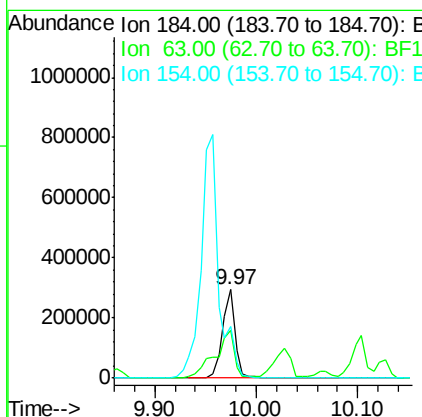
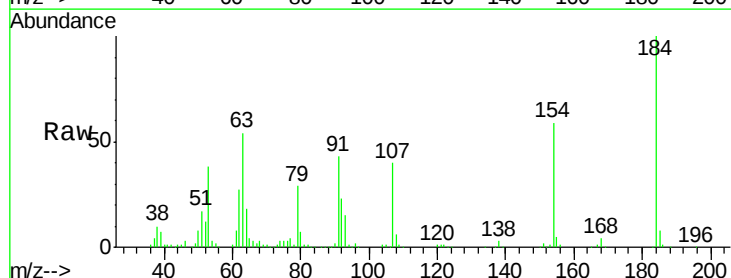
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 181254
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.4 12.6
 92 112.6 88.0 132.0



#54
 2,4-Dinitrophenol
 Concen: 87.745 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:184 Resp: 257499
 Ion Ratio Lower Upper
 184 100
 63 53.9 48.7 73.1
 154 59.0 48.6 73.0

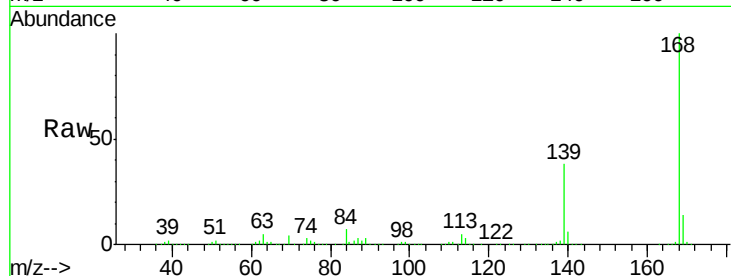




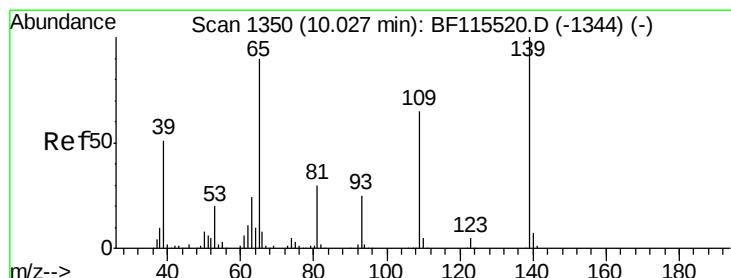
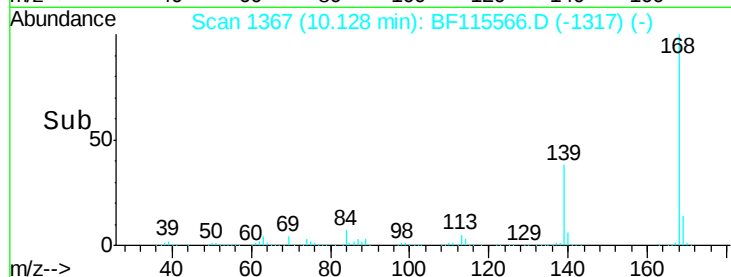
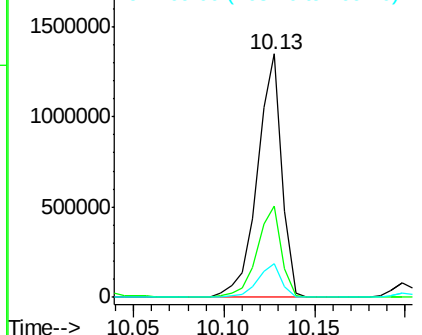
#55
Dibenzenofuran
Concen: 42.618 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1259982
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7
169 14.0 11.1 16.7

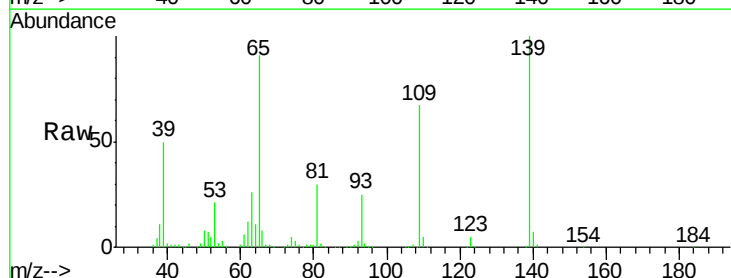


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

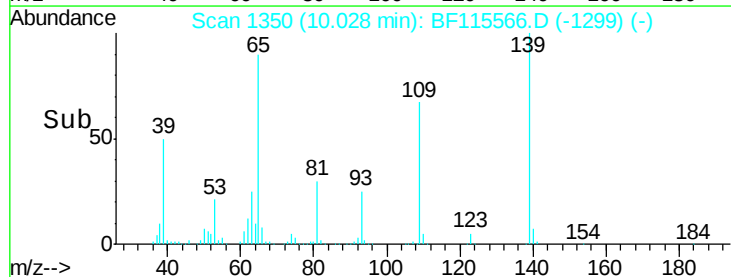
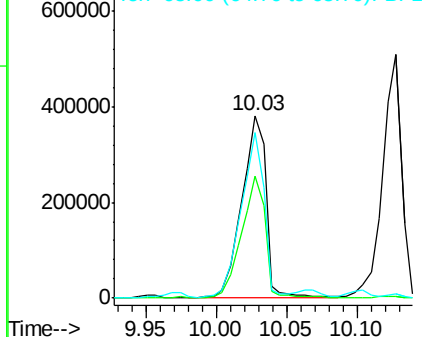


#56
4-Nitrophenol
Concen: 91.208 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:139 Resp: 454295
Ion Ratio Lower Upper
139 100
109 67.0 46.4 86.4
65 90.6 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

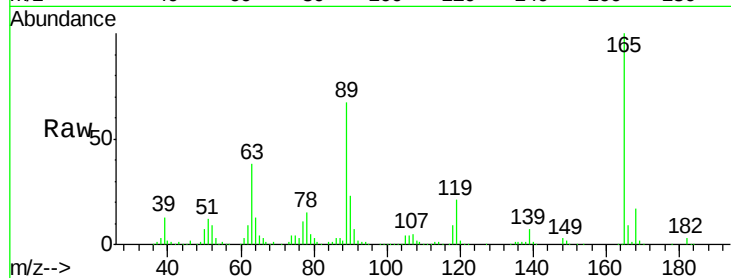




#57
2,4-Dinitrotoluene
Concen: 44.508 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	34.9	52.3
89	67.1	57.5	86.3
182	2.6	2.2	3.4

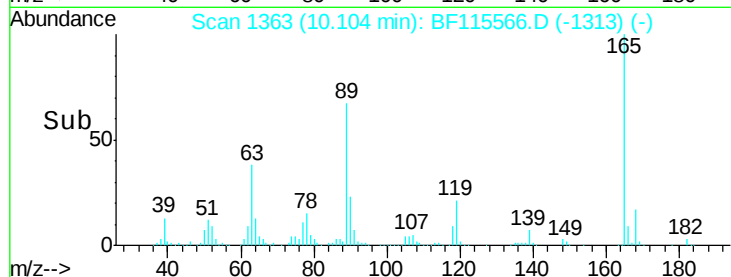
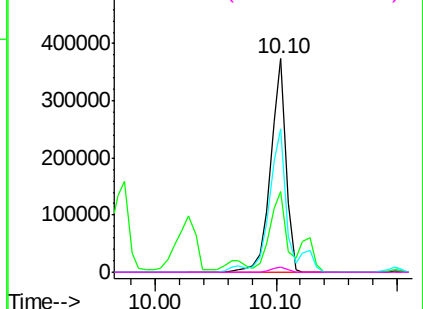


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

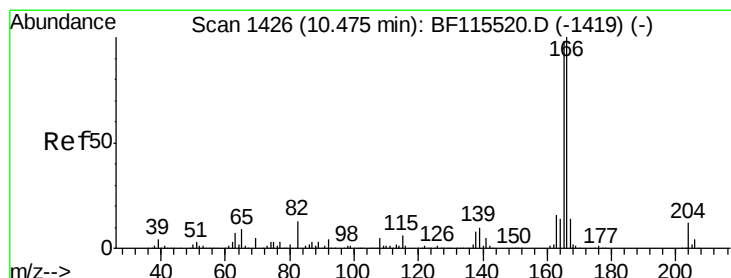
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.876 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

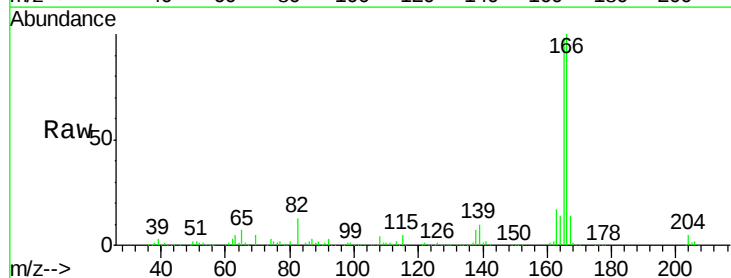
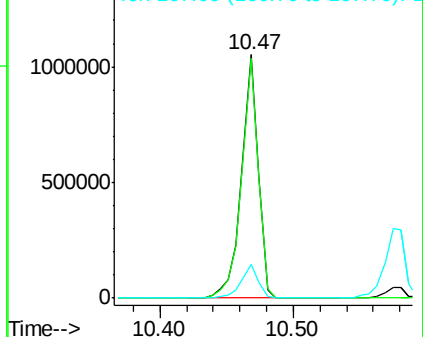
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.6
167	13.7	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

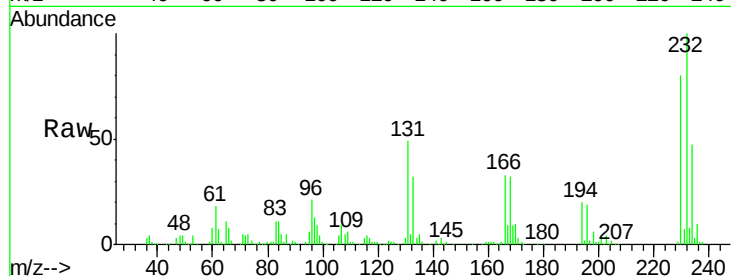




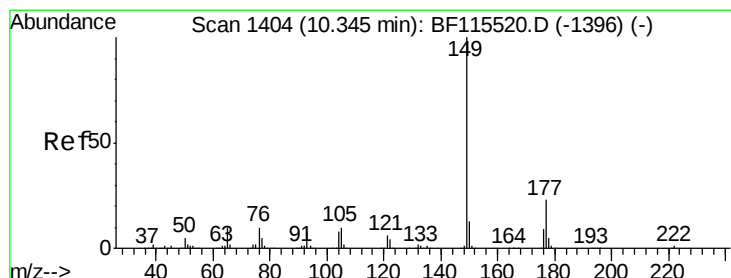
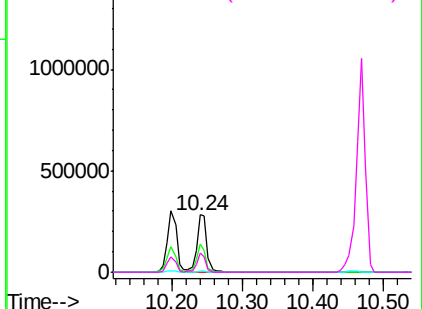
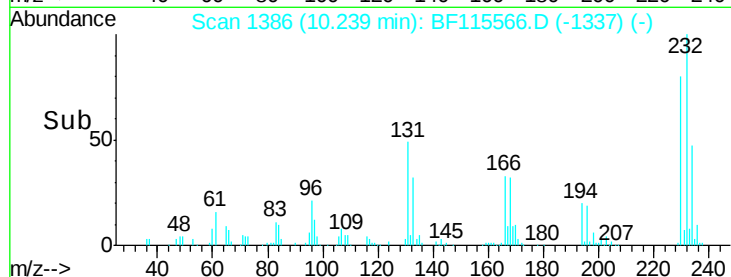
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.847 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 282645
 Ion Ratio Lower Upper
 232 100
 131 44.1 35.9 53.9
 130 2.2 1.8 2.6
 166 30.8 24.8 37.2

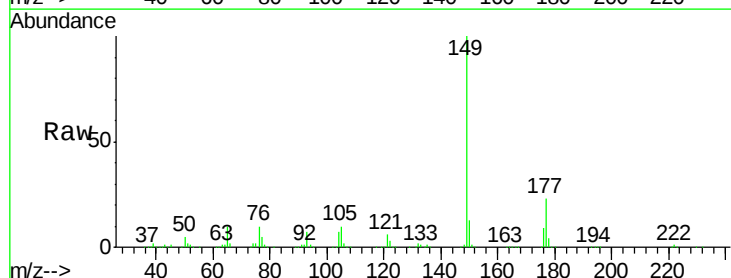


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

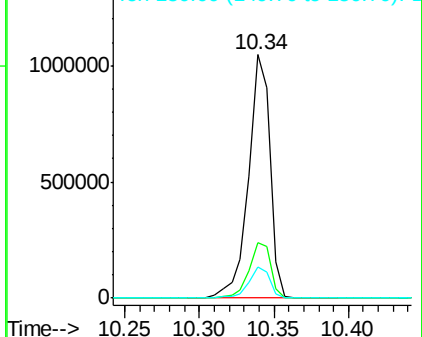
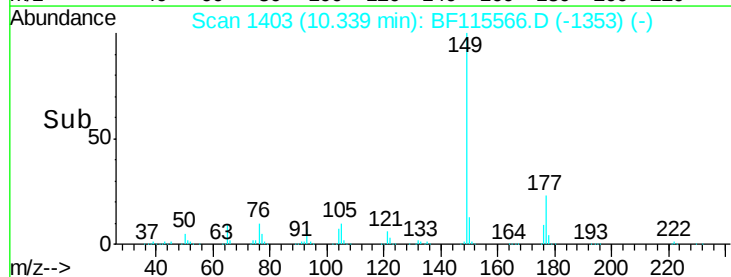


#60
 Diethylphthalate
 Concen: 44.007 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:149 Resp: 1037080
 Ion Ratio Lower Upper
 149 100
 177 23.0 19.5 29.3
 150 13.0 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

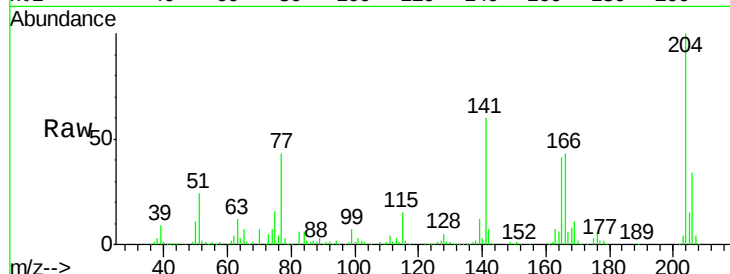




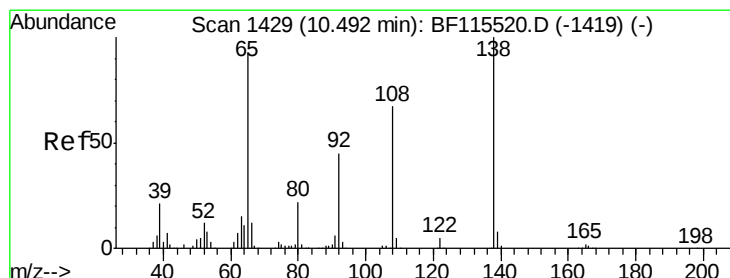
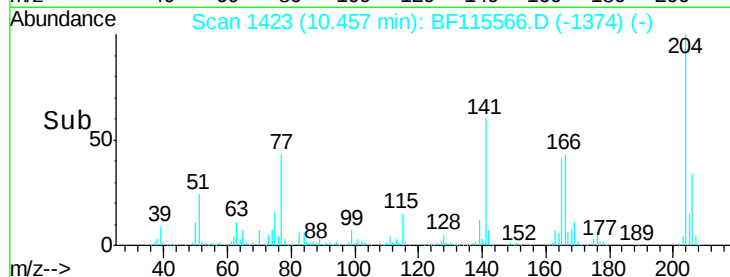
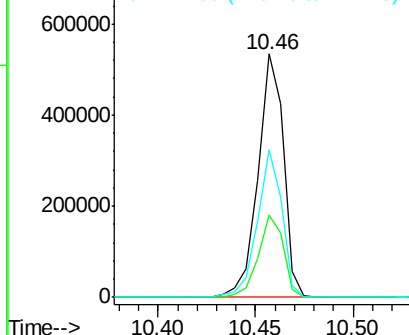
#61
 4-Chlorophenyl-phenylether
 Concen: 41.209 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.7	40.1
141	60.4	44.2	66.2

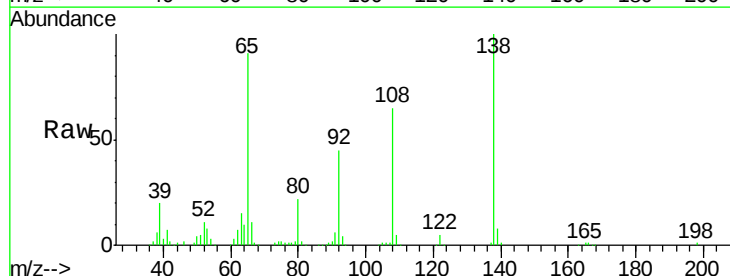


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

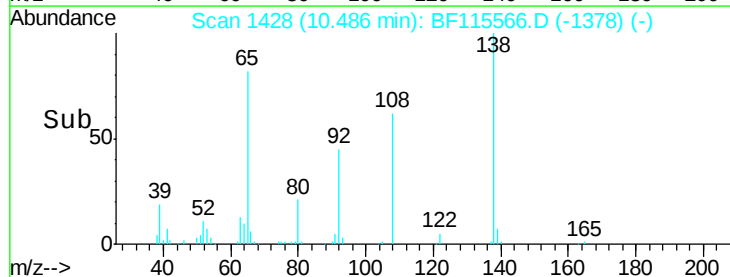
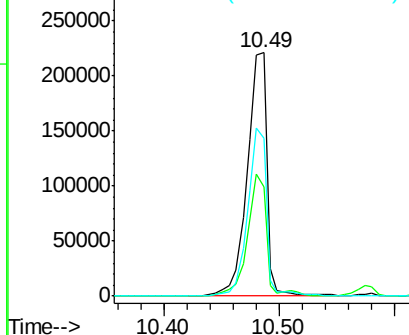


#62
 4-Nitroaniline
 Concen: 41.914 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	27.1	67.1
108	65.0	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

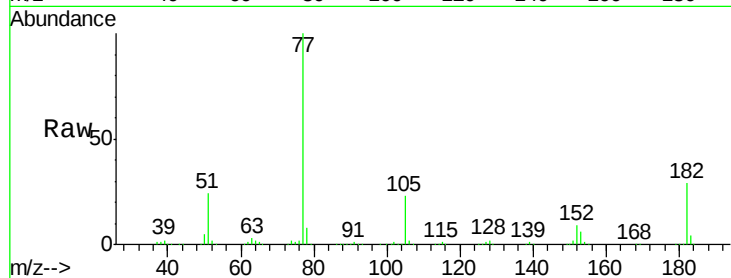




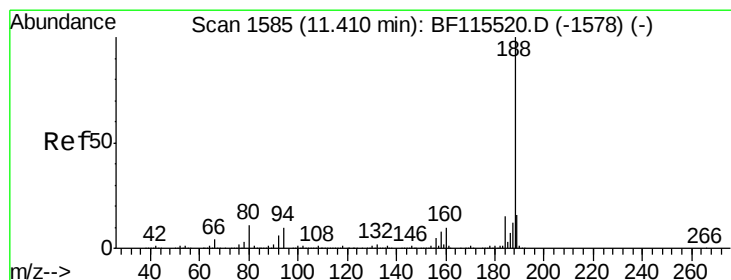
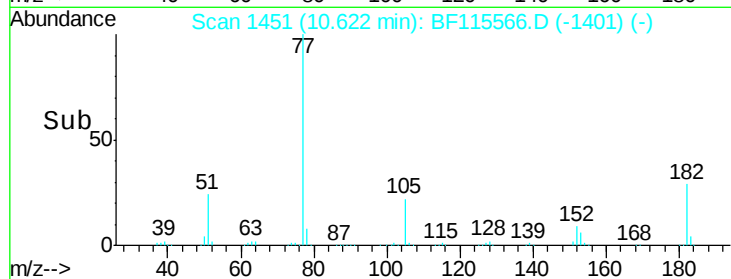
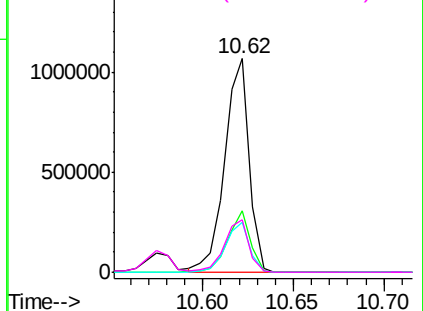
#63
Azobenzene
Concen: 43.551 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	995495
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.9	46.9
105	23.2	3.9	43.9
51	24.3	7.3	47.3

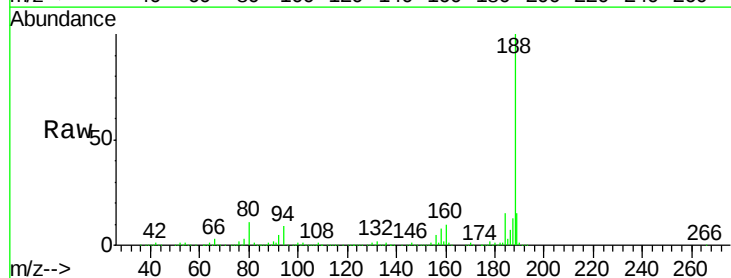


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

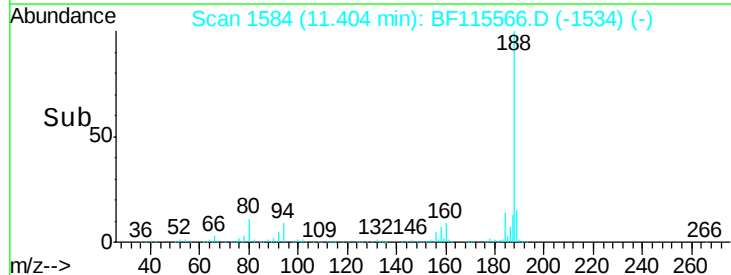
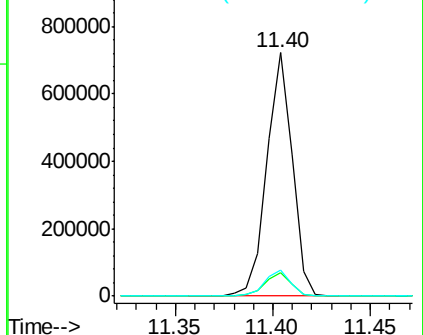


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:	188	Resp:	654130
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.7	8.6	13.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.455 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

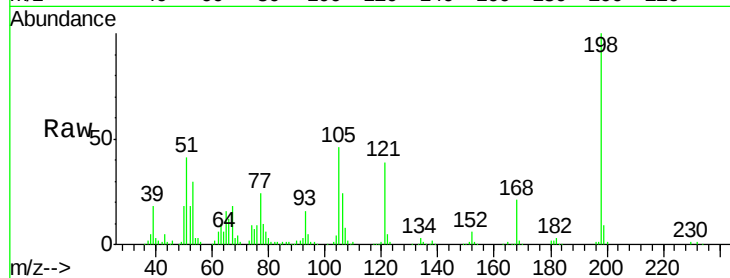
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 177667

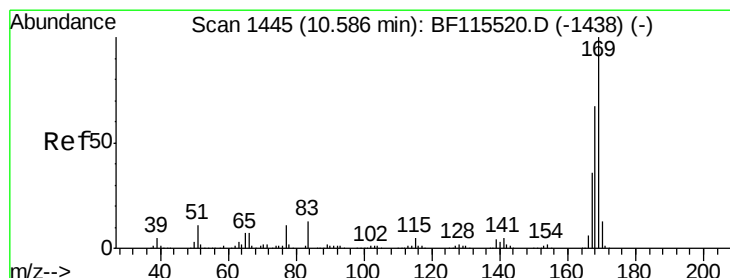
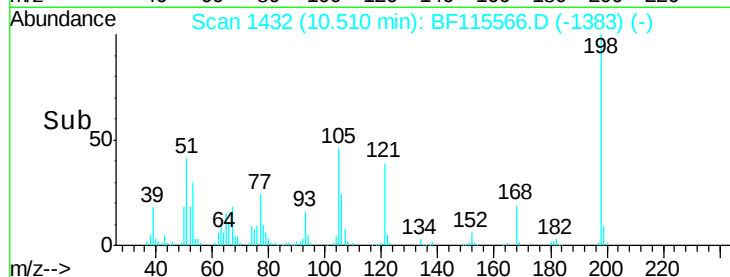
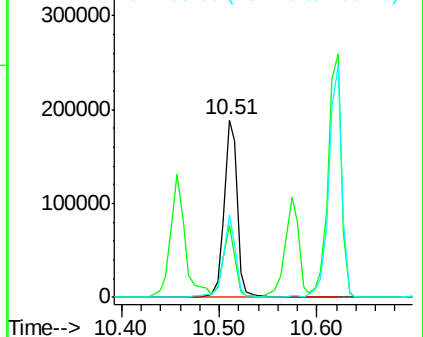
Ion	Ratio	Lower	Upper
198	100		
51	40.7	19.1	59.1
105	46.2	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.946 ng

RT: 10.57 min Scan# 1443

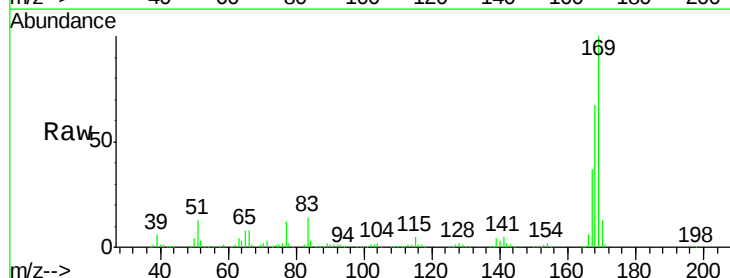
Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Tgt Ion:169 Resp: 873859

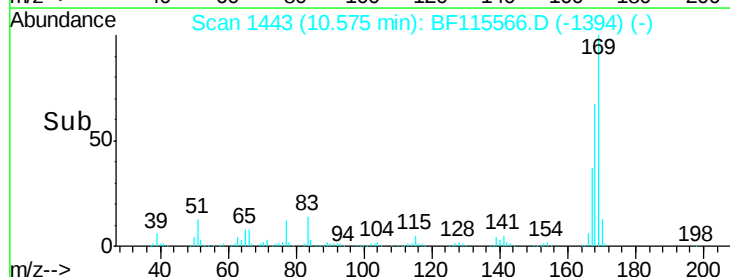
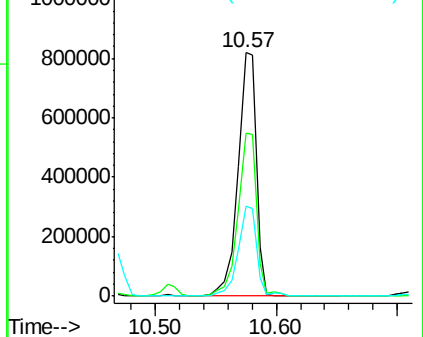
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.3	81.5
167	37.0	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

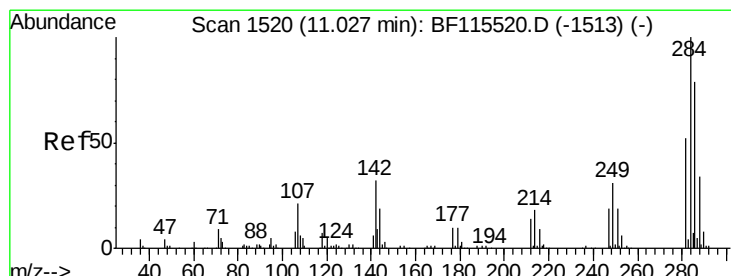
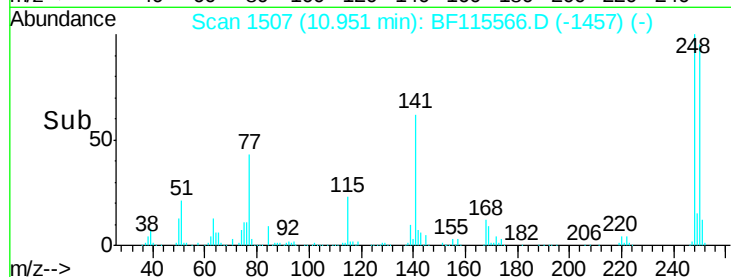
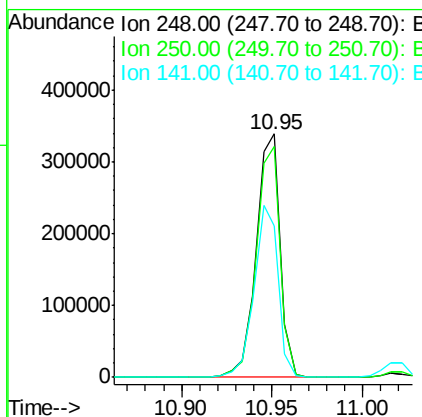
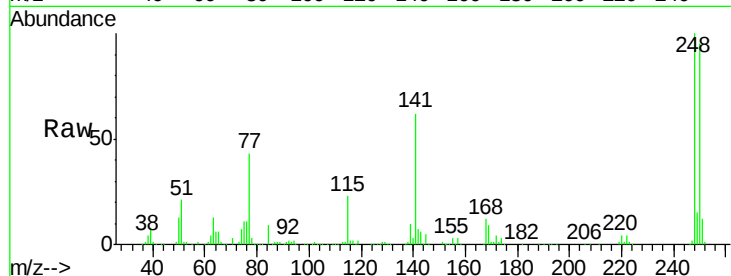




#67
 4-Bromophenyl-phenylether
 Concen: 41.643 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

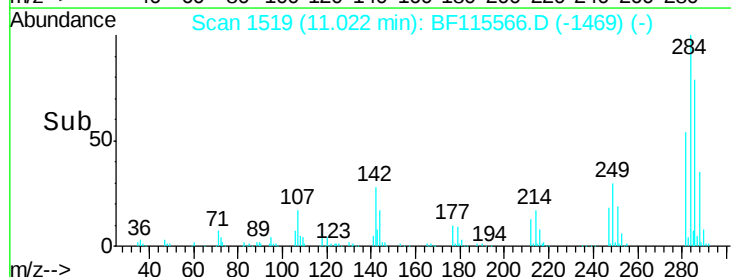
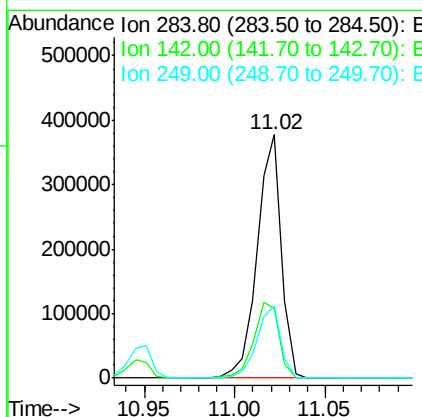
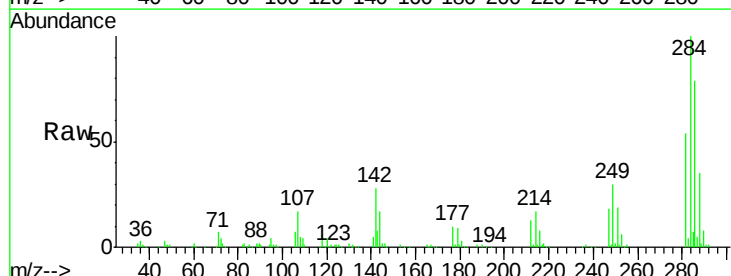
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	78.0	117.0
141	62.4	57.7	86.5



#68
 Hexachlorobenzene
 Concen: 40.779 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	22.2	33.2
249	29.8	23.4	35.2

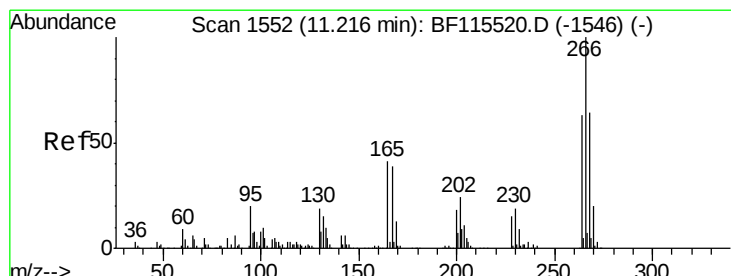
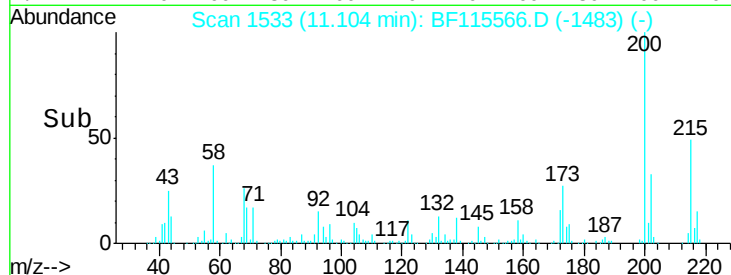
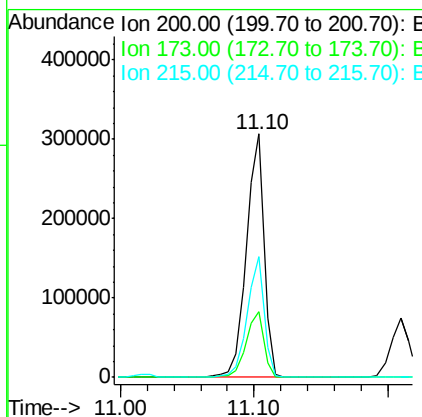
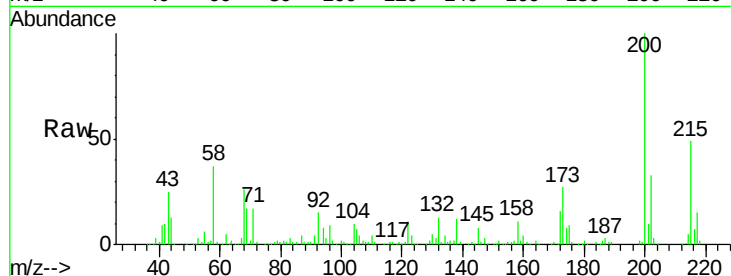




#69
 Atrazine
 Concen: 41.819 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

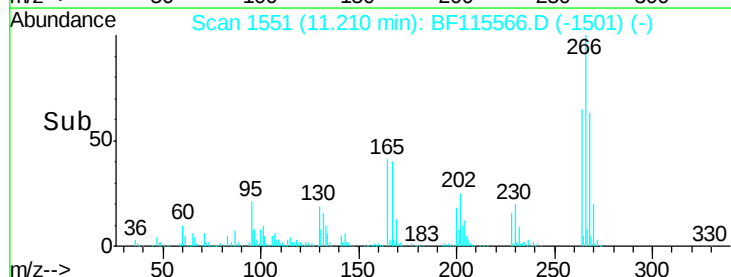
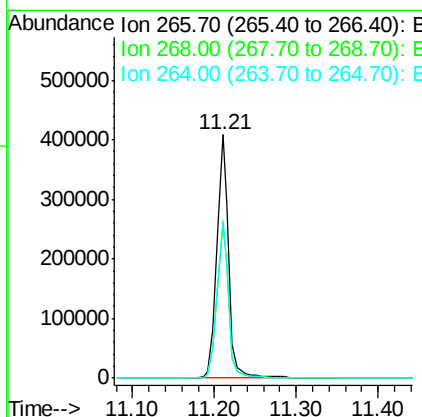
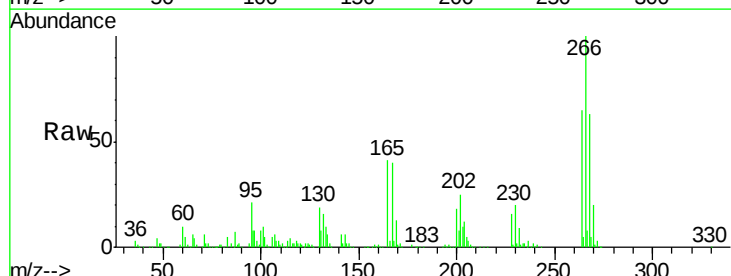
Instrument :
 BNA_F
 ClientSampleId :

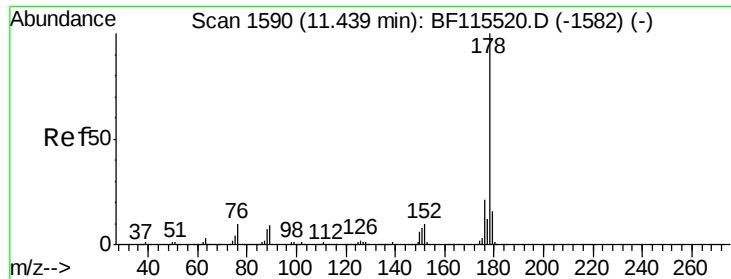
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.9	46.9
215	49.4	27.9	67.9



#70
 Pentachlorophenol
 Concen: 79.813 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.6	77.4
264	64.7	50.6	76.0

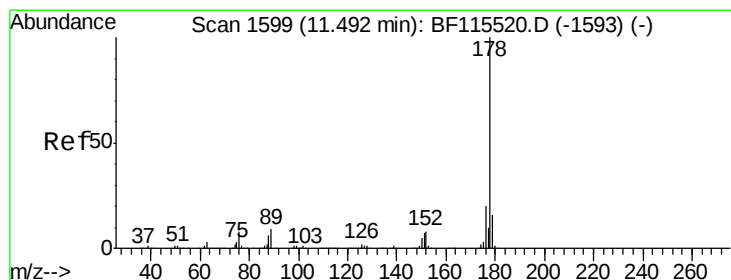
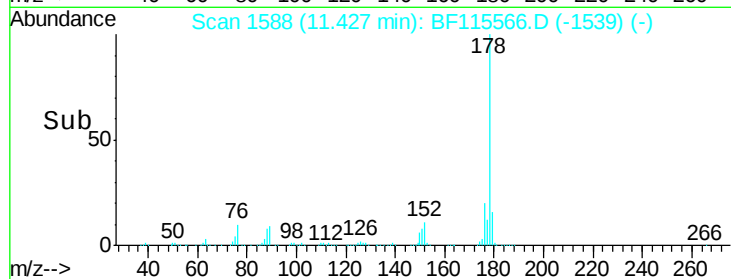
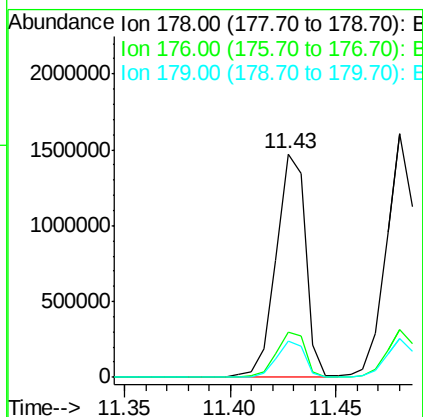
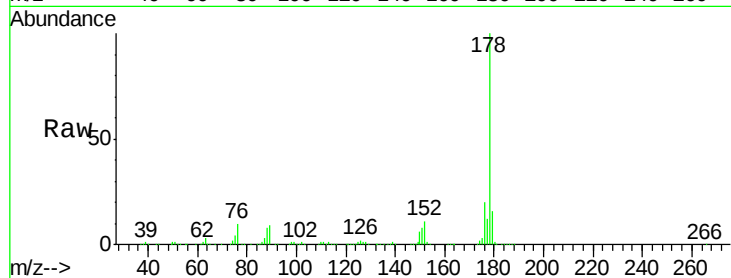




#71
Phenanthrene
Concen: 42.907 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

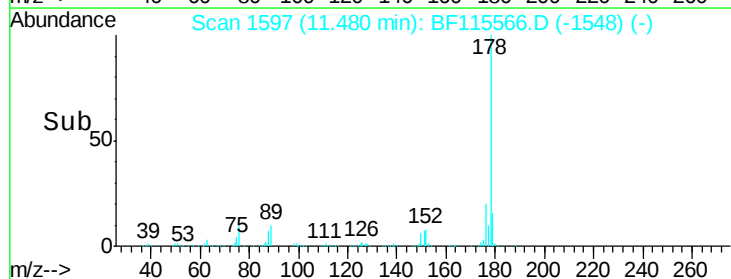
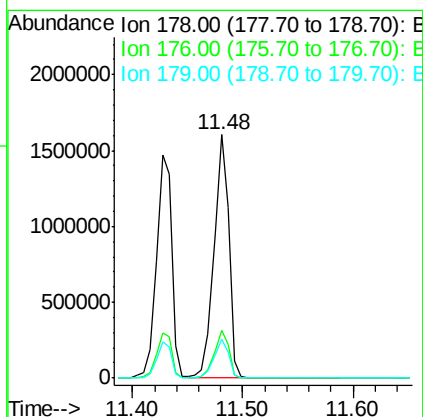
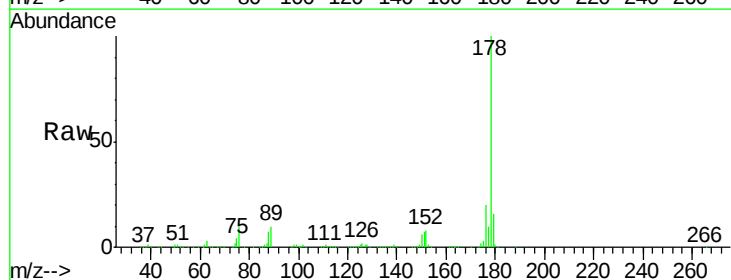
Instrument :
BNA_F
ClientSampleId :

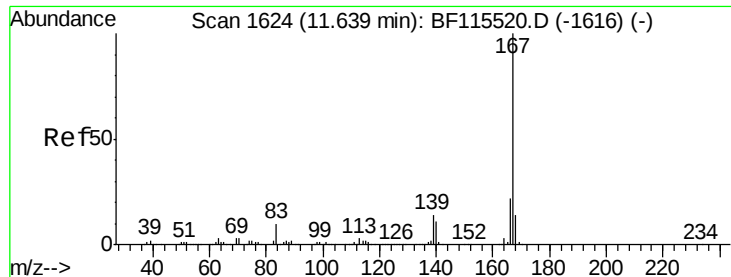
Tot Ion:178 Resp: 1438665
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 16.3 13.5 20.3



#72
Anthracene
Concen: 42.725 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:178 Resp: 1480495
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 16.1 12.7 19.1





#73

Carbazole

Concen: 42.625 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

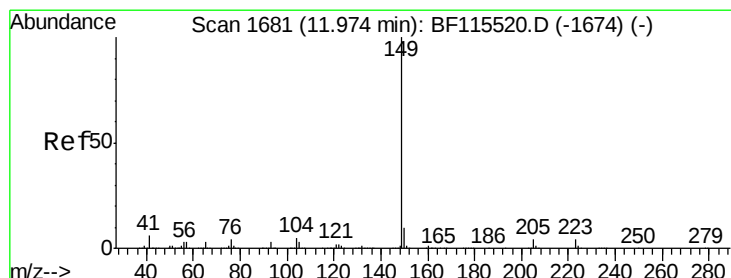
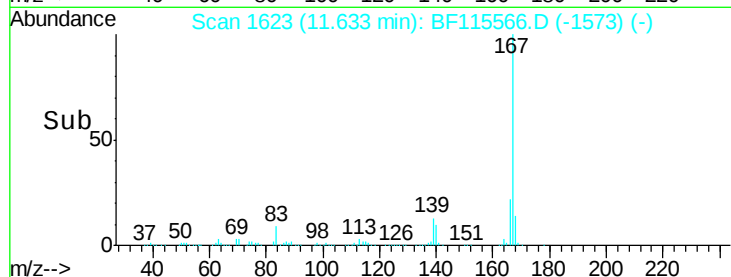
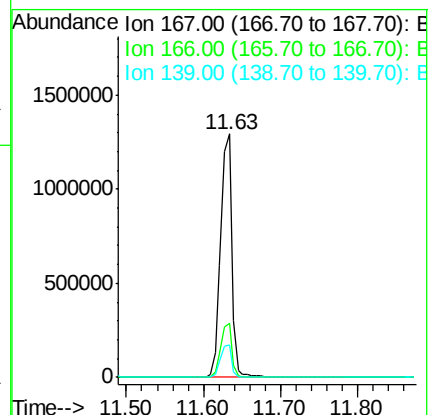
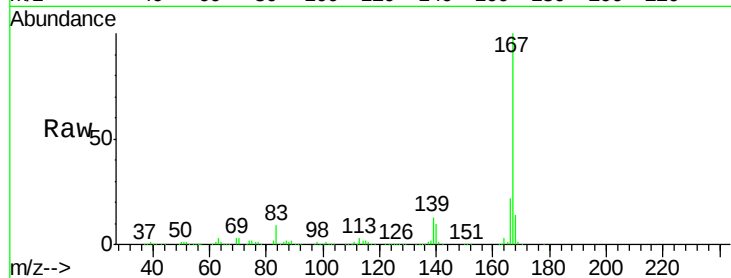
Tot Ion:167 Resp: 1295242

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

139 13.4 11.3 16.9



#74

Di-n-butylphthalate

Concen: 41.486 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

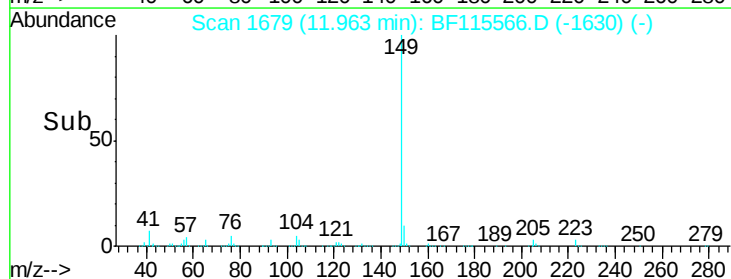
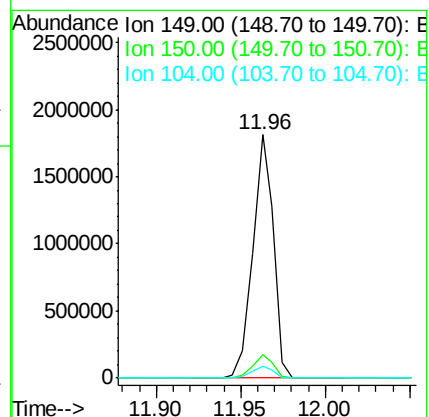
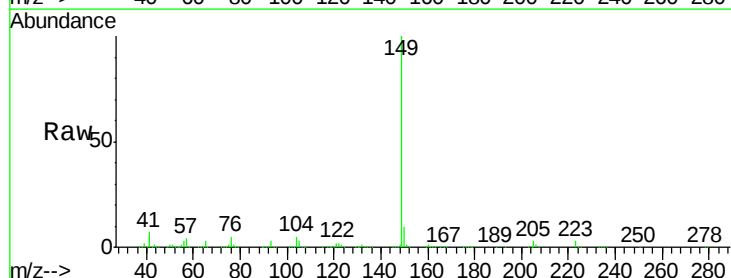
Tgt Ion:149 Resp: 1552825

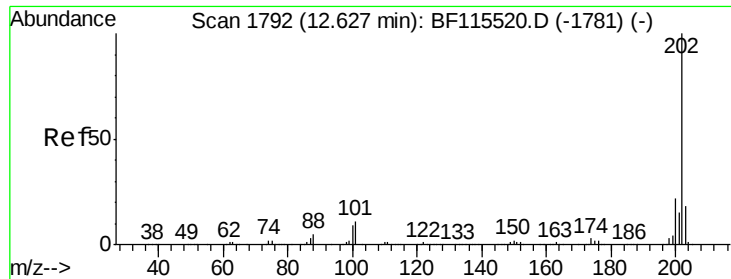
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.1 3.8 5.8

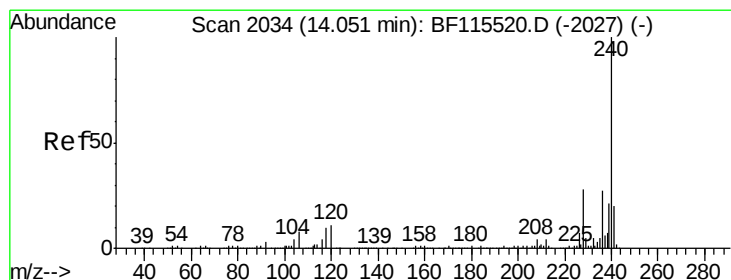
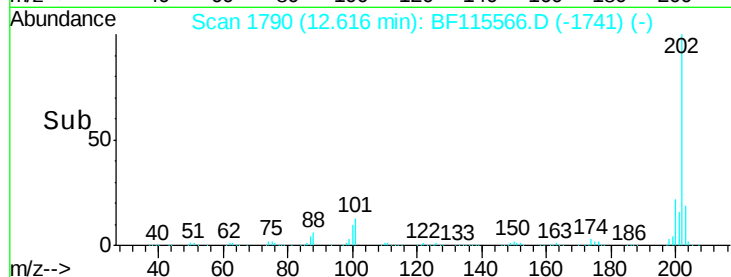
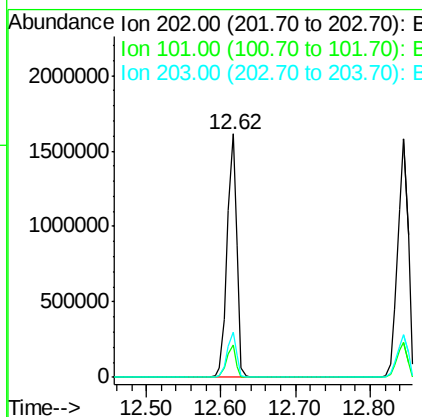
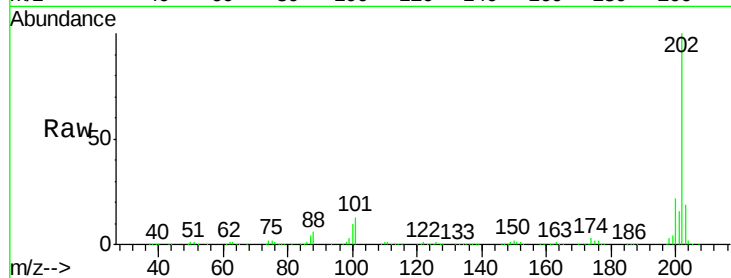




#75
Fluoranthene
Concen: 41.504 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

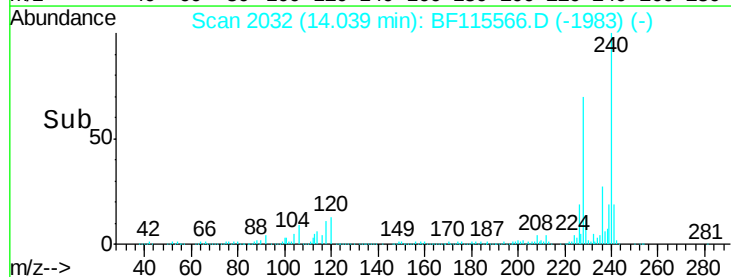
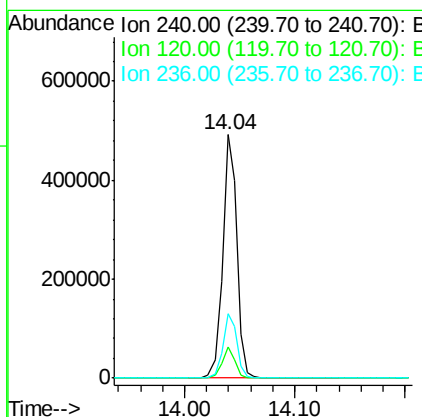
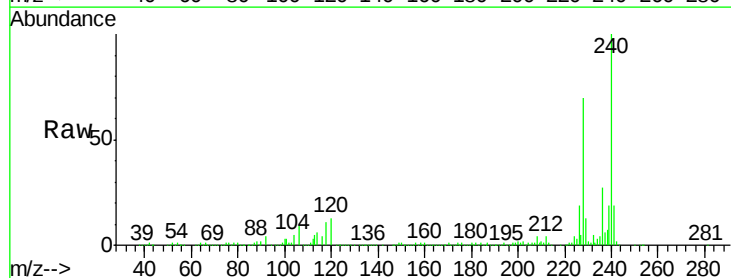
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1470586
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:240 Resp: 438930
Ion Ratio Lower Upper
240 100
120 12.8 8.6 13.0
236 26.7 21.3 31.9





#77

Benzidine

Concen: 53.014 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

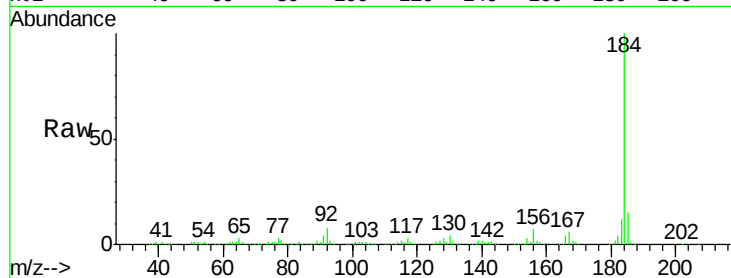
Tot Ion:184 Resp: 824332

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

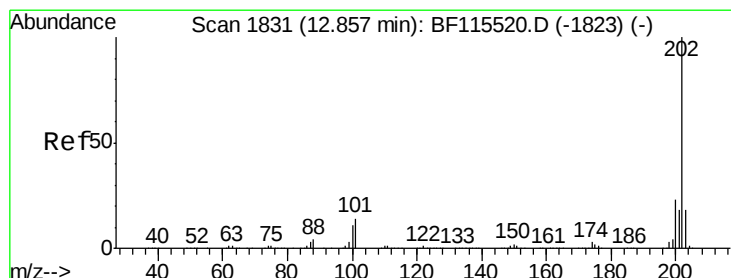
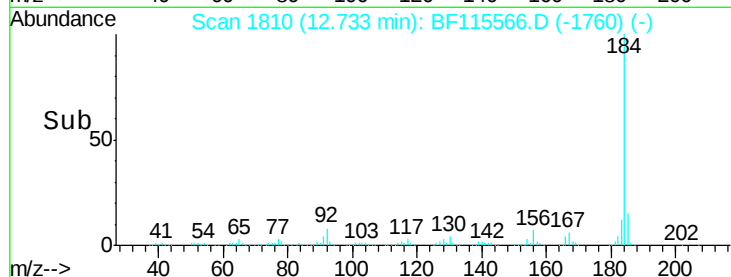
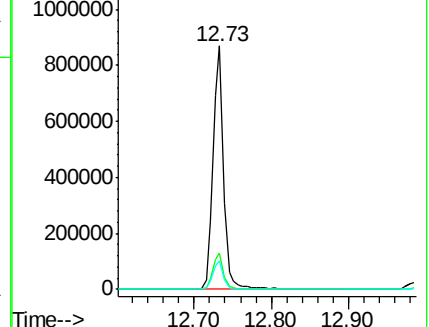
183 11.7 9.3 13.9



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: 40.889 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

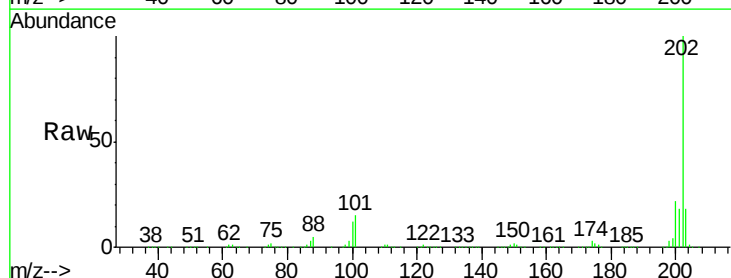
Tgt Ion:202 Resp: 1520580

Ion Ratio Lower Upper

202 100

200 21.9 18.7 28.1

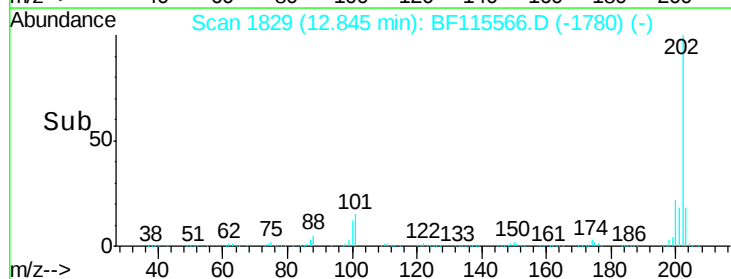
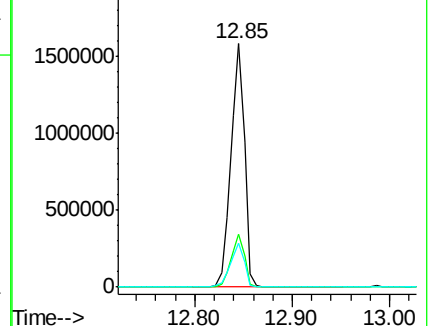
203 18.1 15.2 22.8



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

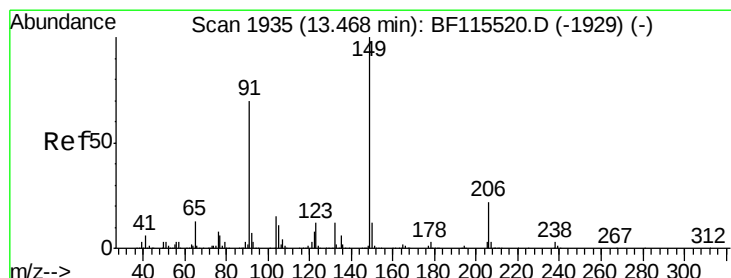
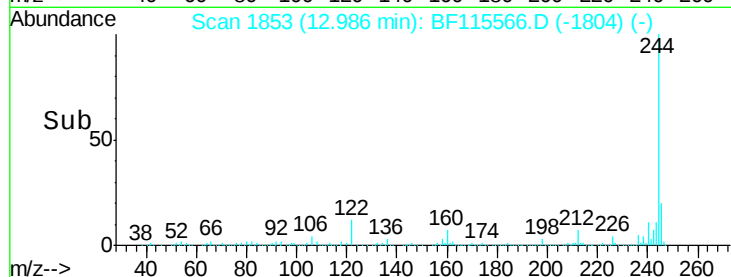
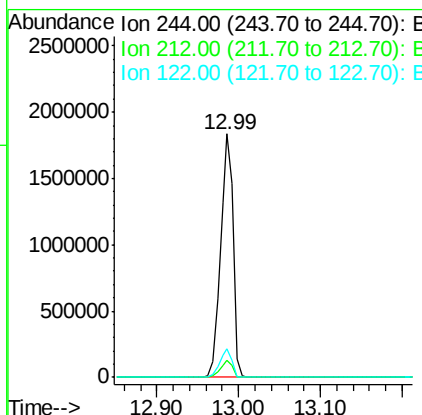
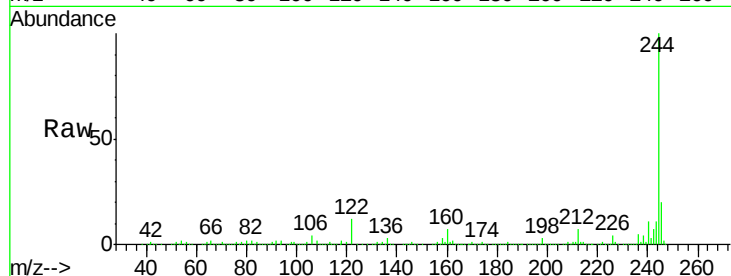




#79
 Terphenyl-d14
 Concen: 81.895 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

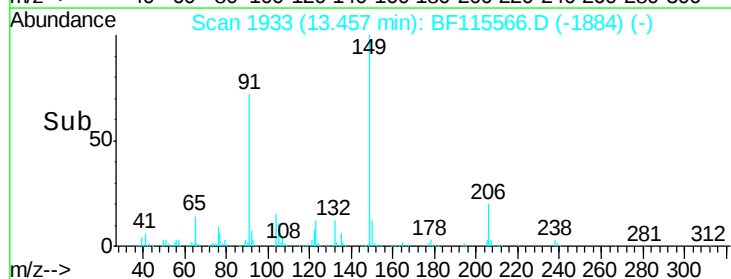
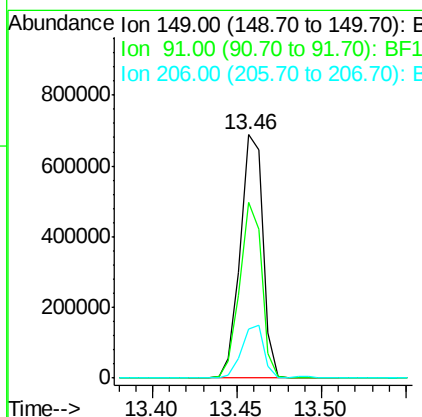
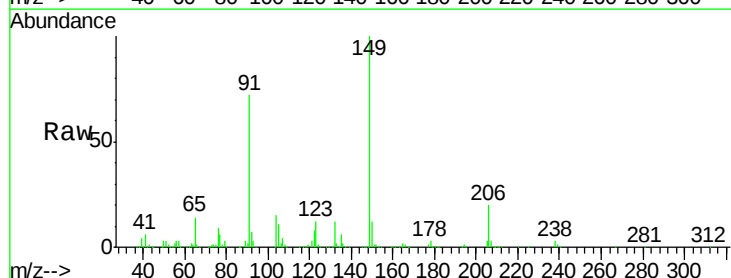
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1948133
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.8 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 40.777 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115566.D
 Acq: 15 Jul 2019 19:40

Tgt Ion:149 Resp: 646430
 Ion Ratio Lower Upper
 149 100
 91 72.3 55.8 83.8
 206 20.4 18.2 27.2

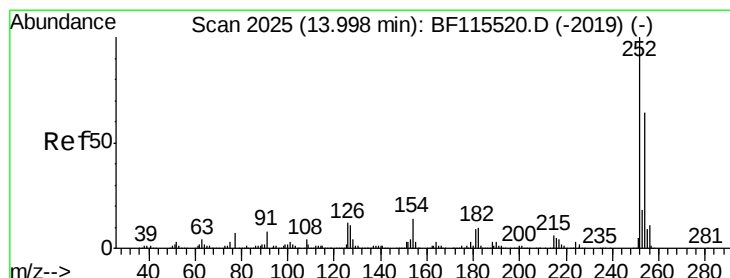
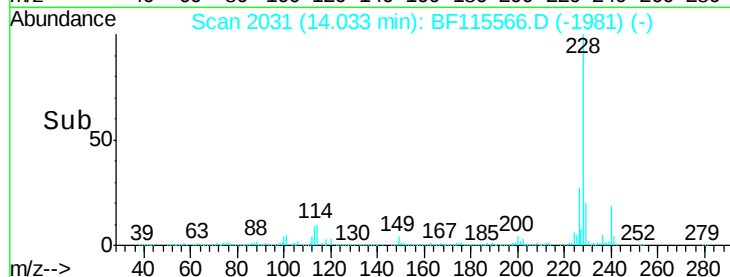
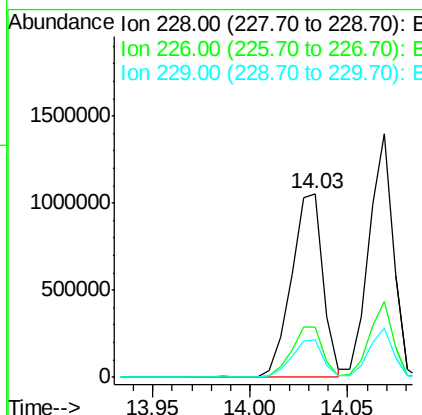
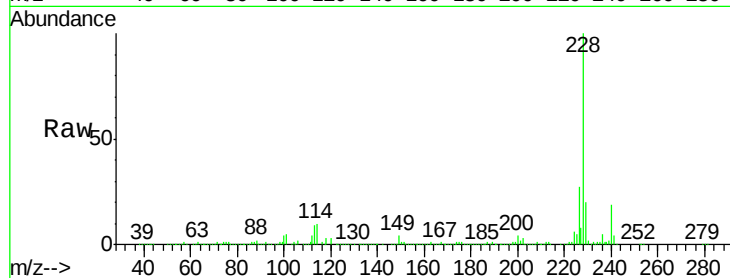




#81
Benzo(a)anthracene
Concen: 40.650 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

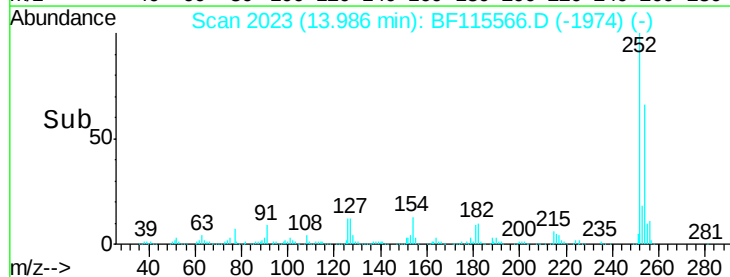
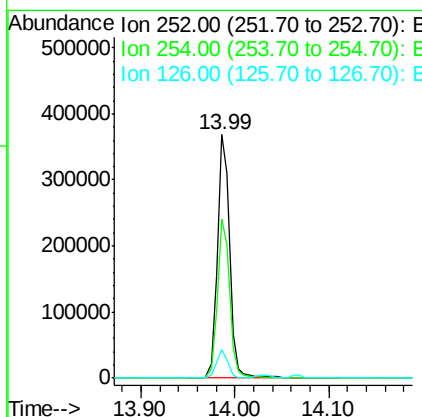
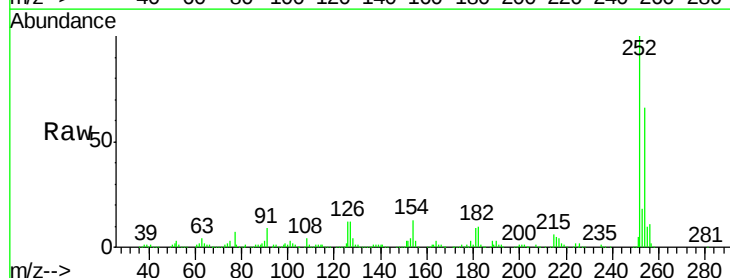
Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1175465
Ion Ratio Lower Upper
228 100
226 27.5 23.4 35.0
229 20.1 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 33.444 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:252 Resp: 343796
Ion Ratio Lower Upper
252 100
254 65.5 52.9 79.3
126 11.9 9.9 14.9





#83

Chrysene

Concen: 42.081 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

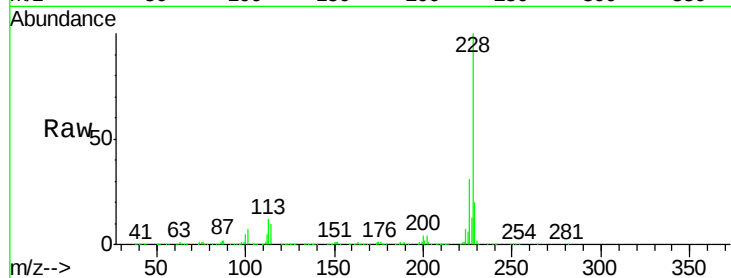
Tot Ion:228 Resp: 1221537

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

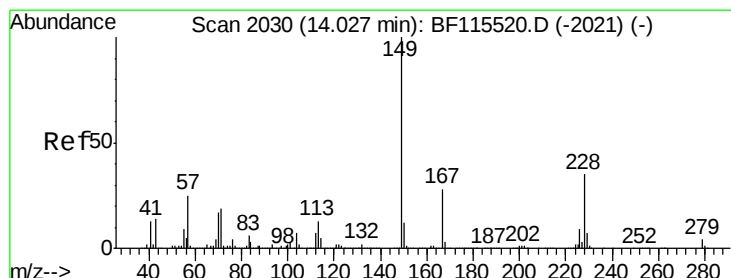
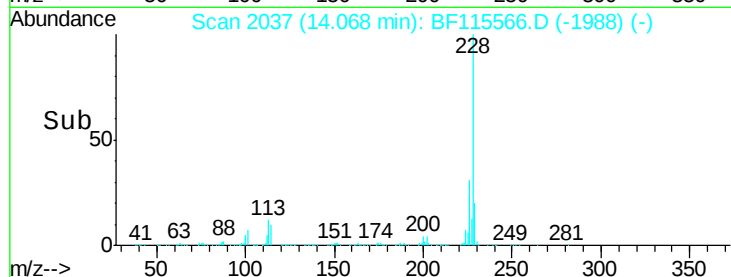
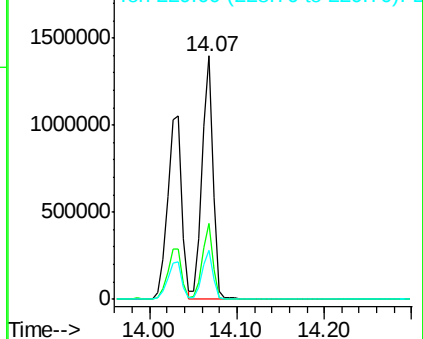
229 20.3 16.6 25.0



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: 41.118 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

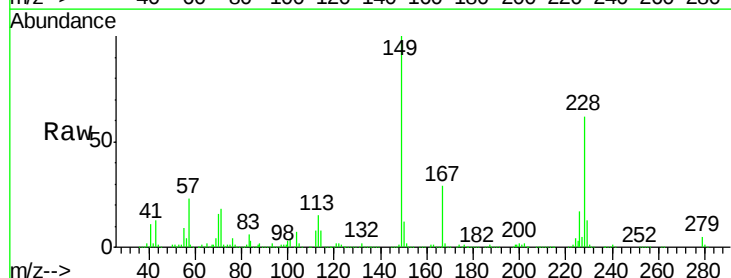
Tgt Ion:149 Resp: 807416

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

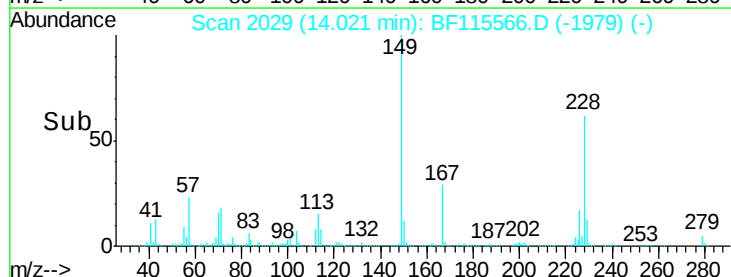
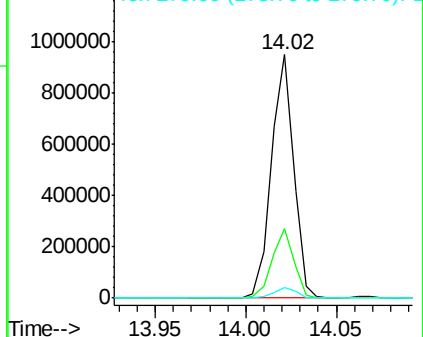
279 4.5 4.2 6.2



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: 44.690 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

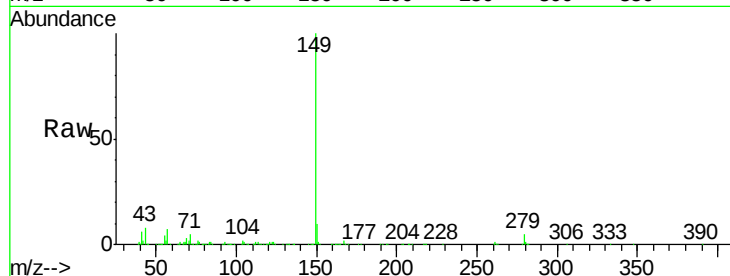
Tot Ion:149 Resp: 1396296

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

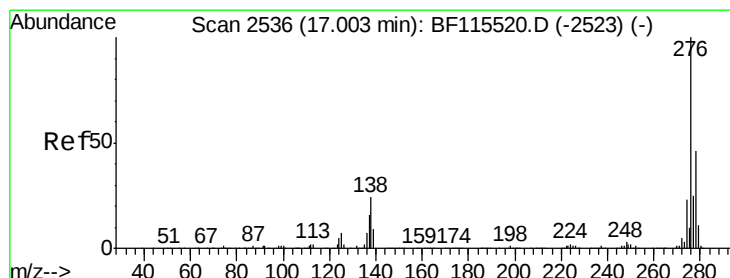
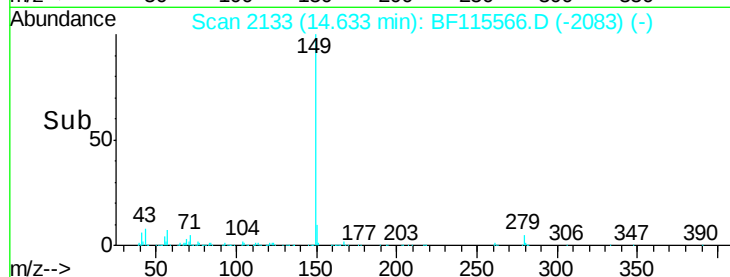
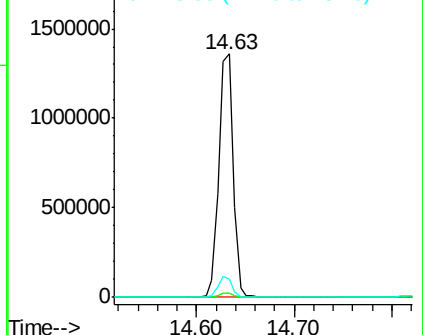
43 8.3 7.2 10.8



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: 42.732 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

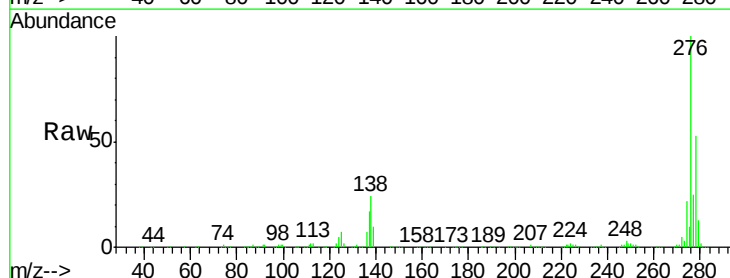
Tgt Ion:276 Resp: 1053849

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

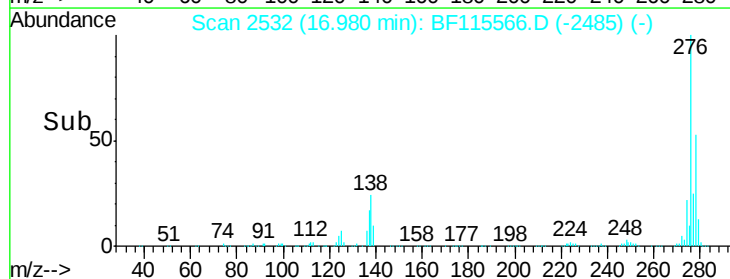
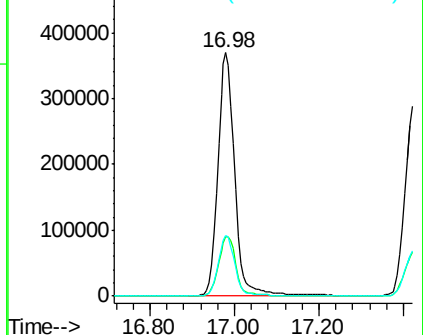
277 25.0 20.4 30.6

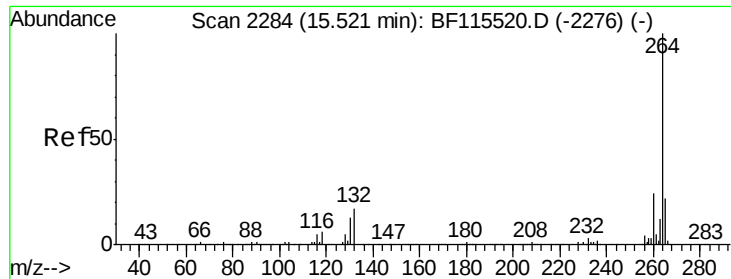


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



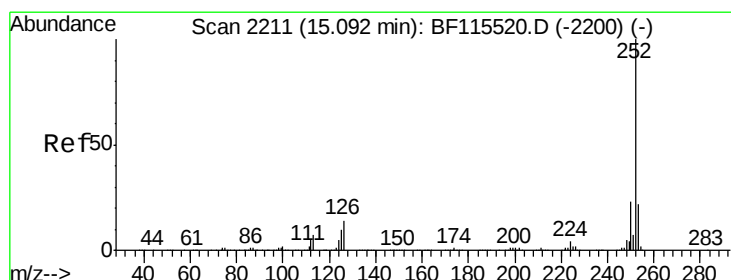
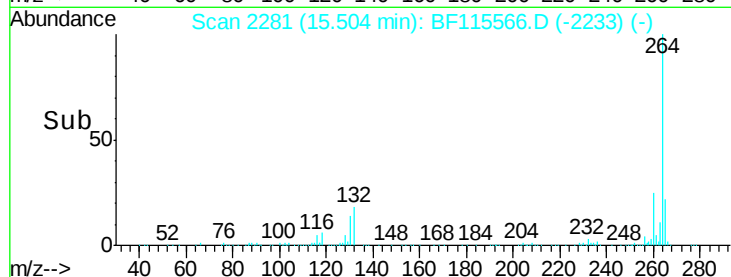
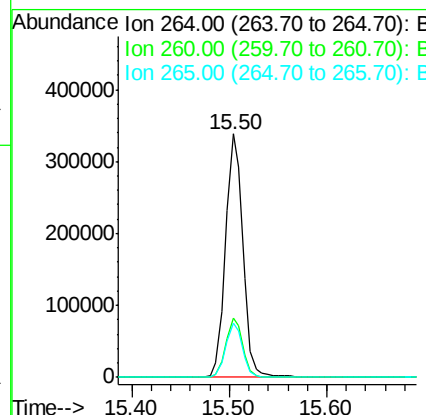
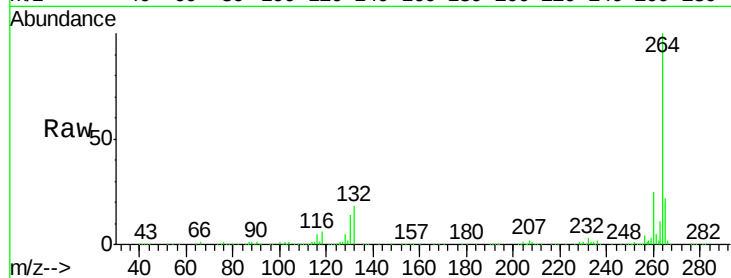


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 419347

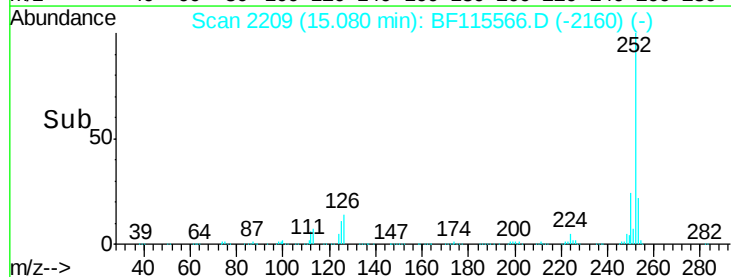
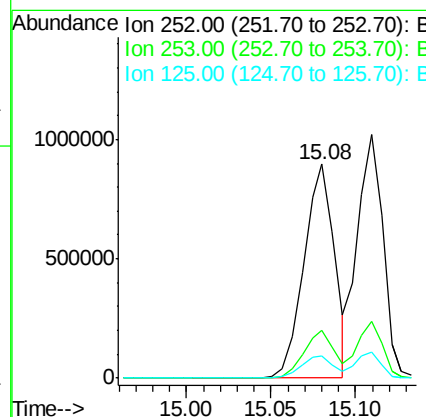
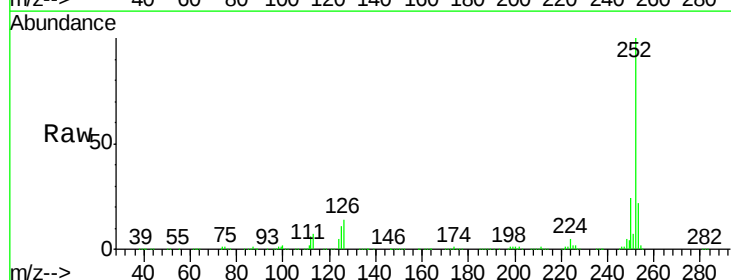
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.0	17.7	26.5

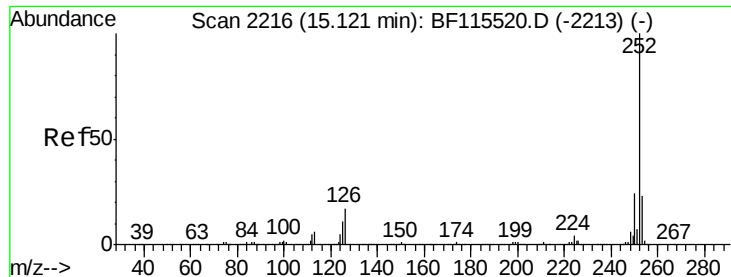


#88
Benzo(b)fluoranthene
Concen: 41.720 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:252 Resp: 1126555

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.6	9.0	13.4

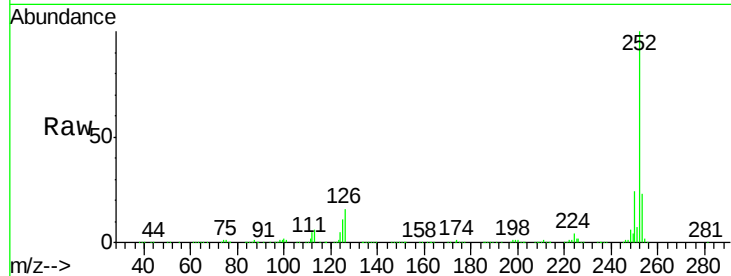




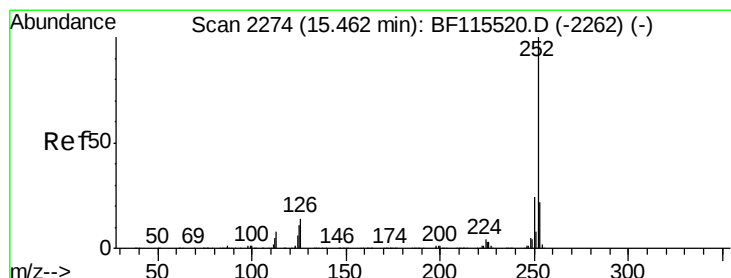
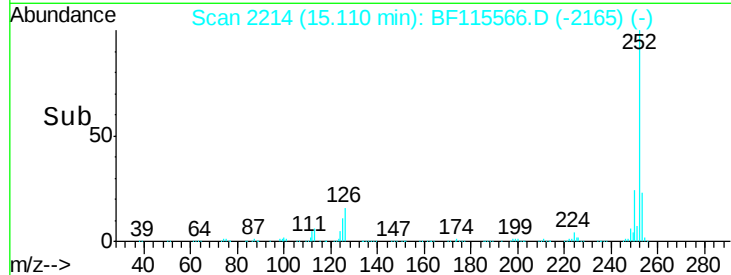
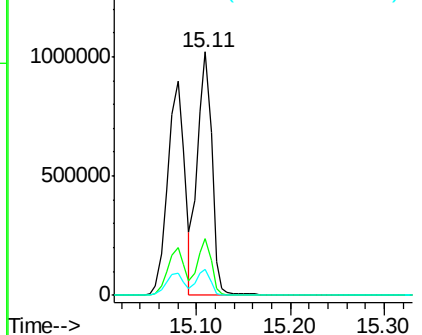
#89
Benzo(k)fluoranthene
Concen: 45.339 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1091492
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 10.8 9.0 13.6

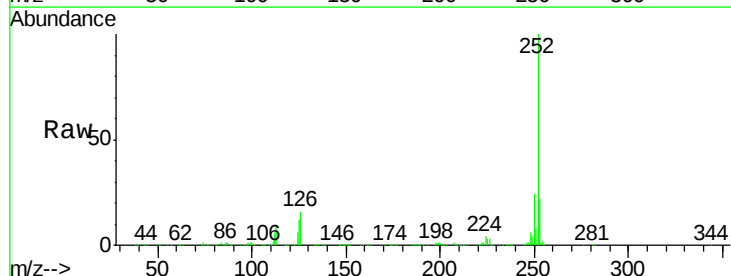


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

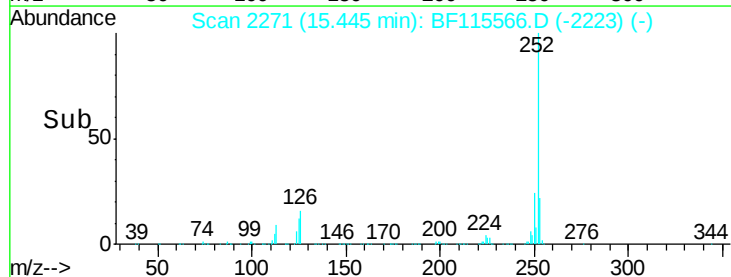
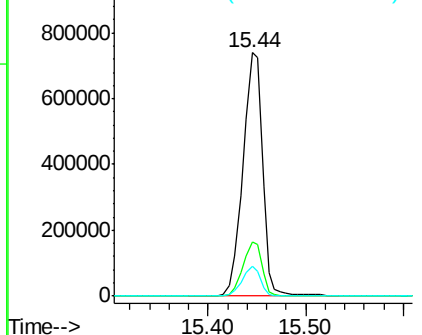


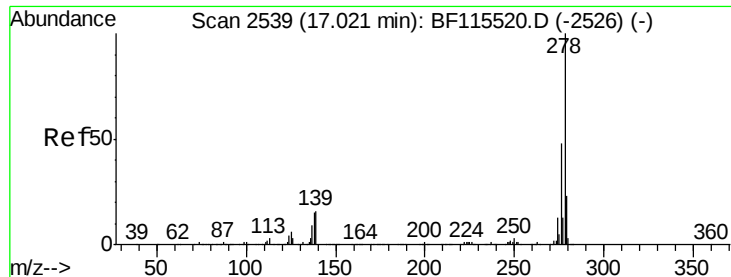
#90
Benzo(a)pyrene
Concen: 44.656 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115566.D
Acq: 15 Jul 2019 19:40

Tgt Ion:252 Resp: 1036387
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.3 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 43.130 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

Instrument :

BNA_F

ClientSampleId :

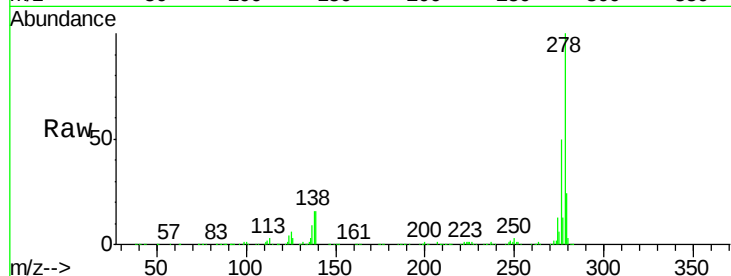
Tot Ion:278 Resp: 878752

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

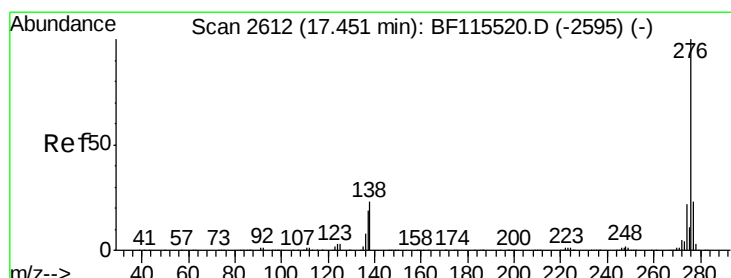
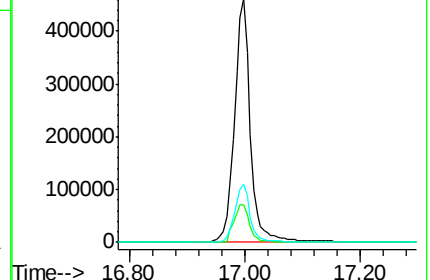
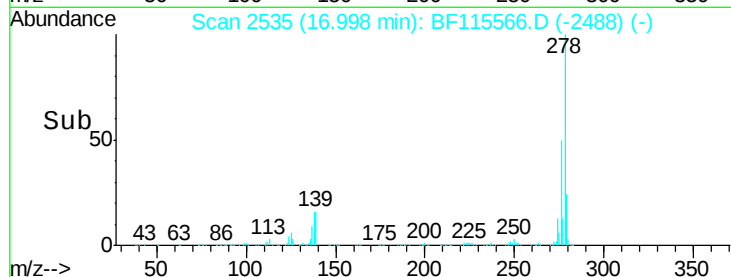
279 23.6 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.857 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115566.D

Acq: 15 Jul 2019 19:40

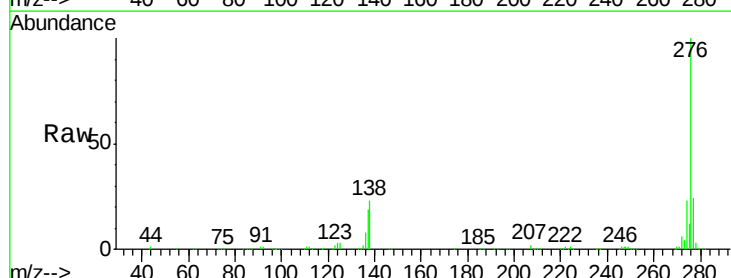
Tgt Ion:276 Resp: 809890

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 23.1 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

