

Data File : BF114798.D
Acq On : 4 Jun 2019 18:34
Operator : HP/JU
Sample : K2641-14MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Quant Time: Jun 05 04:24:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	169811	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	659519	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	321124	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	660748	20.00	ng	0.00
76) Chrysene-d12	13.79	240	547727	20.00	ng	0.00
87) Perylene-d12	15.16	264	655278	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1227561	126.32	ng	0.00
7) Phenol-d6	6.30	99	1383279	116.98	ng	0.00
23) Nitrobenzene-d5	7.22	82	948782	88.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	495315	143.13	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1933126	112.77	ng	0.00
79) Terphenyl-d14	12.74	244	2469429	87.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	168002	36.208	ng	99
3) Pyridine	3.03	79	377627	29.614	ng	99
4) n-Nitrosodimethylamine	2.90	42	181703	38.934	ng	98
6) Aniline	6.32	93	102726	6.122	ng	92
8) 2-Chlorophenol	6.45	128	493186	43.923	ng	100
9) Benzaldehyde	6.20	77	149879	18.272	ng	97
10) Phenol	6.31	94	503707	37.249	ng	# 75
11) bis(2-Chloroethyl)ether	6.40	93	450179	42.656	ng	98
12) 1,3-Dichlorobenzene	6.60	146	509654	38.952	ng	100
13) 1,4-Dichlorobenzene	6.68	146	523880	39.792	ng	98
14) 1,2-Dichlorobenzene	6.83	146	496379	41.748	ng	98
15) Benzyl Alcohol	6.80	79	397477	44.449	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	610871	40.472	ng	100
17) 2-Methylphenol	6.92	107	389762	40.609	ng	98
18) Hexachloroethane	7.18	117	180416	36.408	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	321423	41.062	ng	97
20) 3+4-Methylphenols	7.07	107	479075	45.255	ng	89
22) Acetophenone	7.07	105	673370	46.375	ng	# 97
24) Nitrobenzene	7.24	77	493924	44.501	ng	99
25) Isophorone	7.48	82	893208	42.171	ng	95
26) 2-Nitrophenol	7.56	139	267886	44.563	ng	93
27) 2,4-Dimethylphenol	7.60	122	426847	46.717	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	572584	42.291	ng	98
29) 2,4-Dichlorophenol	7.80	162	427608	44.484	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	467508	42.386	ng	99
31) Naphthalene	7.96	128	1435573	48.349	ng	97
32) Benzoic acid	7.69	122	195231	29.338	ng	99
33) 4-Chloroaniline	8.01	127	58386	4.122	ng	98
34) Hexachlorobutadiene	8.09	225	249232	39.745	ng	99
35) Caprolactam	8.36	113	77134	24.564	ng	92
36) 4-Chloro-3-methylphenol	8.50	107	435594	45.539	ng	99
37) 2-Methylnaphthalene	8.66	142	989610	48.052	ng	98
38) 1-Methylnaphthalene	8.75	142	939625	48.110	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	428721	46.327	ng	99

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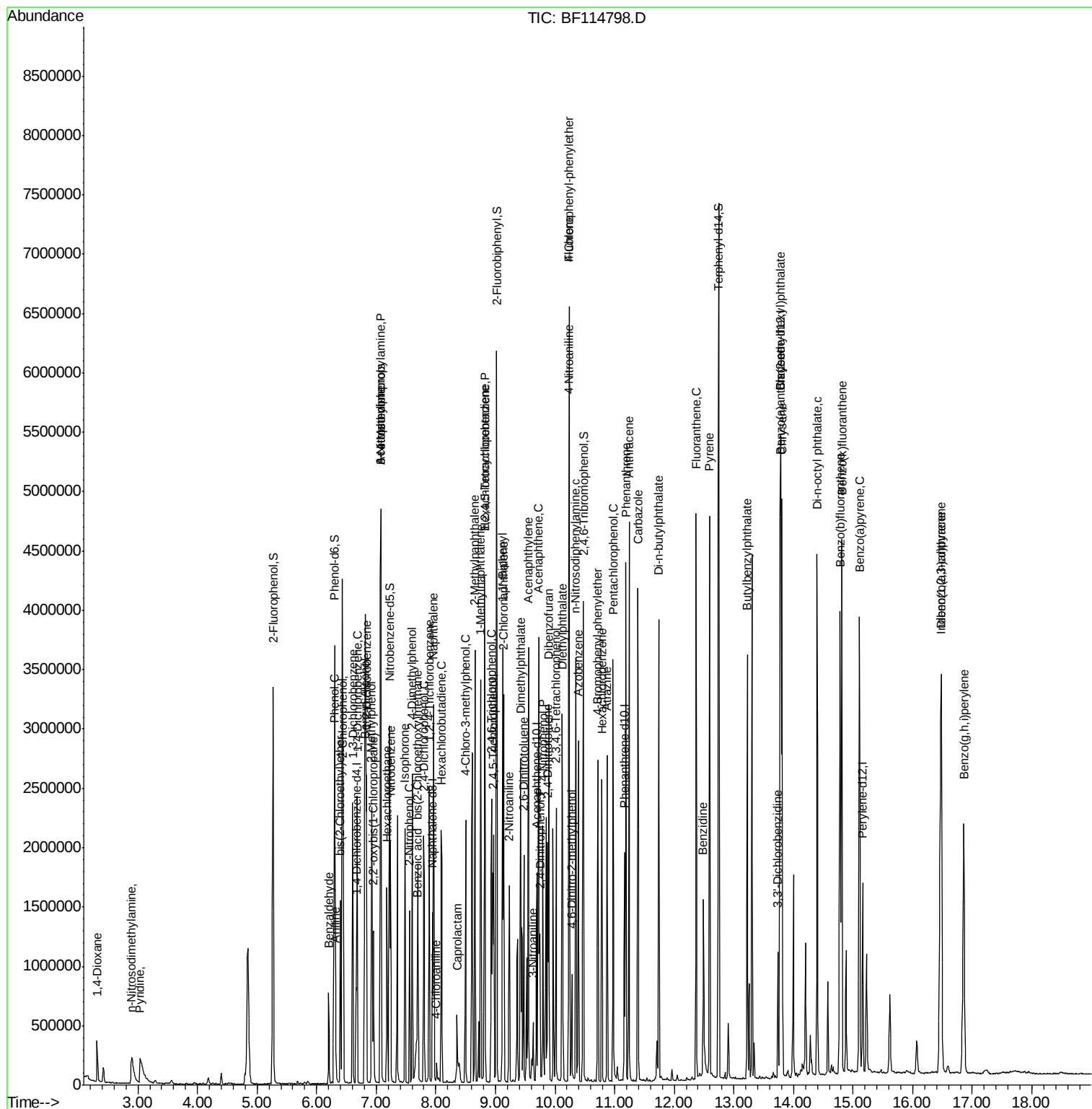
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	442322	78.808	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	312354	43.406	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	335964	46.358	ng	100
46) 1,1'-Biphenyl	9.12	154	1197397	50.311	ng	96
47) 2-Chloronaphthalene	9.14	162	941784	46.569	ng	96
48) 2-Nitroaniline	9.23	65	267585	44.338	ng	94
49) Acenaphthylene	9.55	152	1488483	50.754	ng	96
50) Dimethylphthalate	9.42	163	1104810	47.106	ng	99
51) 2,6-Dinitrotoluene	9.47	165	257383	46.663	ng	99
52) Acenaphthene	9.72	154	973277	50.661	ng	99
53) 3-Nitroaniline	9.63	138	75921	11.783	ng	94
54) 2,4-Dinitrophenol	9.75	184	179566	71.943	ng	94
55) Dibenzofuran	9.90	168	1327273	49.684	ng	93
56) 4-Nitrophenol	9.80	139	433472	91.808	ng	90
57) 2,4-Dinitrotoluene	9.87	165	347170	50.068	ng	92
58) Fluorene	10.23	166	983865	60.669	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	287838	48.479	ng	99
60) Diethylphthalate	10.12	149	1123927	47.756	ng	98
61) 4-Chlorophenyl-phenylether	10.23	204	477915	46.709	ng	98
62) 4-Nitroaniline	10.25	138	254573	40.734	ng	97
63) Azobenzene	10.39	77	989043	49.370	ng	96
65) 4,6-Dinitro-2-methylphenol	10.28	198	130320	37.969	ng	97
66) n-Nitrosodiphenylamine	10.35	169	928268	46.461	ng	98
67) 4-Bromophenyl-phenylether	10.72	248	321191	42.800	ng	98
68) Hexachlorobenzene	10.79	284	348806	42.470	ng	99
69) Atrazine	10.87	200	311236	44.790	ng	98
70) Pentachlorophenol	10.97	266	391559	82.470	ng	99
71) Phenanthrene	11.19	178	1629730	51.666	ng	97
72) Anthracene	11.24	178	1660645	50.025	ng	97
73) Carbazole	11.39	167	1517996	53.343	ng	97
74) Di-n-butylphthalate	11.74	149	1895267	50.636	ng	97
75) Fluoranthene	12.37	202	1744327	53.131	ng	97
77) Benzidine	12.49	184	225315	8.310	ng	# 94
78) Pyrene	12.59	202	1812890	38.153	ng	97
80) Butylbenzylphthalate	13.23	149	914406	38.109	ng	94
81) Benzo(a)anthracene	13.77	228	1716183	40.660	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	205843	12.027	ng	98
83) Chrysene	13.81	228	1672161	40.725	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1263703	41.650	ng	99
85) Di-n-octyl phthalate	14.40	149	2192425	42.526	ng	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1981257	42.290	ng	100
88) Benzo(b)fluoranthene	14.78	252	1763041	42.263	ng	99
89) Benzo(k)fluoranthene	14.81	252	1758002	49.625	ng	97
90) Benzo(a)pyrene	15.11	252	1712841	47.438	ng	99
91) Dibenzo(a,h)anthracene	16.49	278	1647337	48.177	ng	98
92) Benzo(g,h,i)perylene	16.86	276	1664743	48.414	ng	99

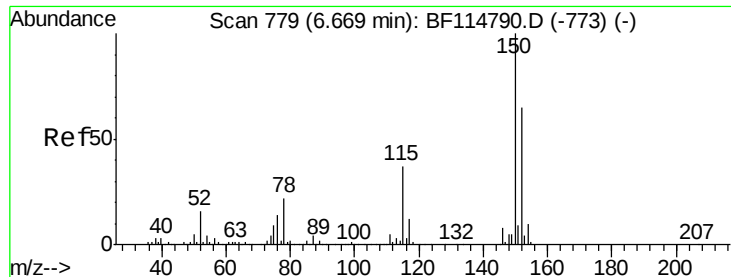
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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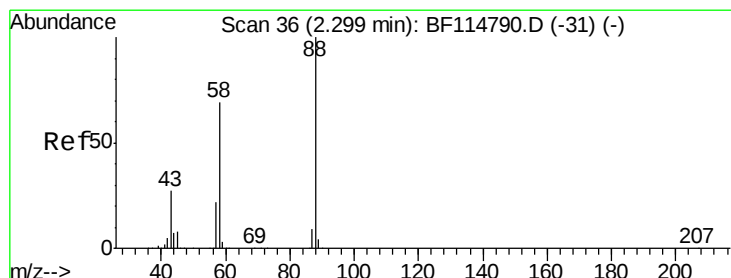
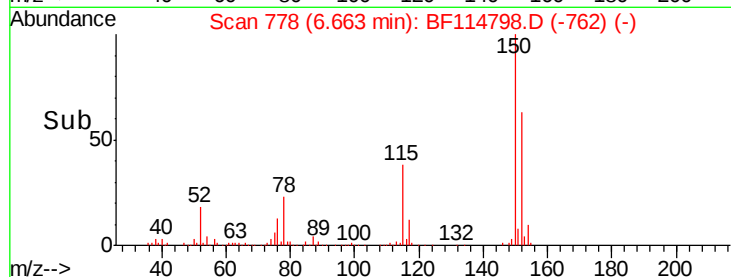
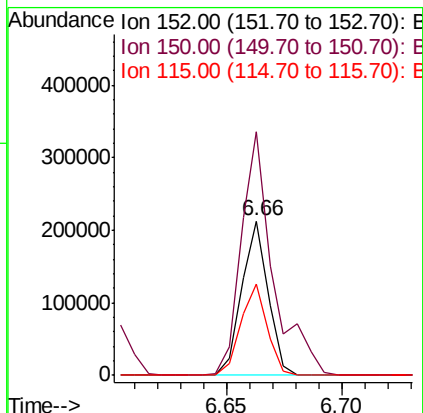
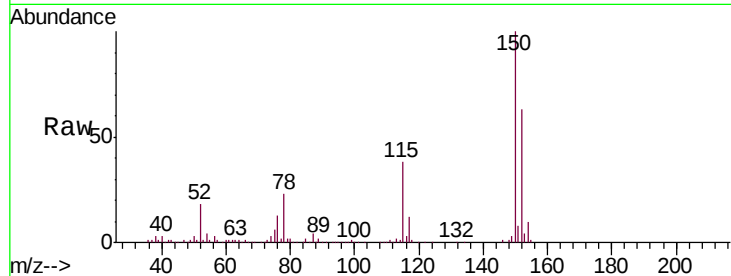


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
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ClientSampleId :
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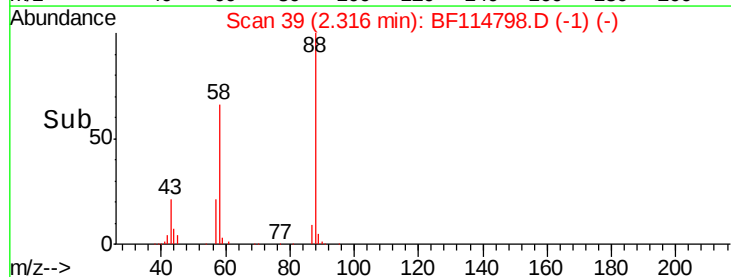
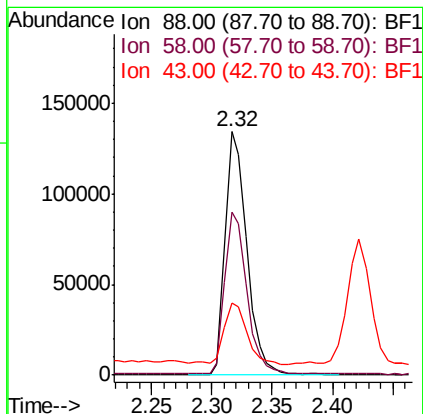
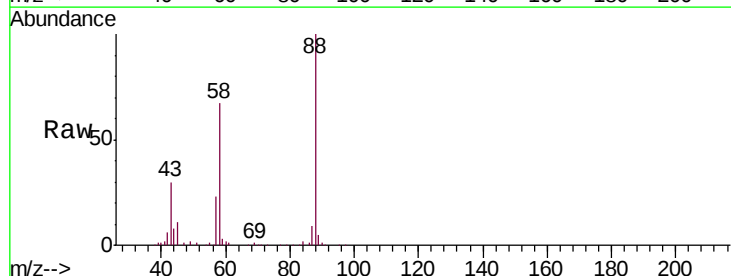
Tgt Ion:152 Resp: 169811
Ion Ratio Lower Upper
152 100
150 157.6 124.0 186.0
115 59.3 46.3 69.5

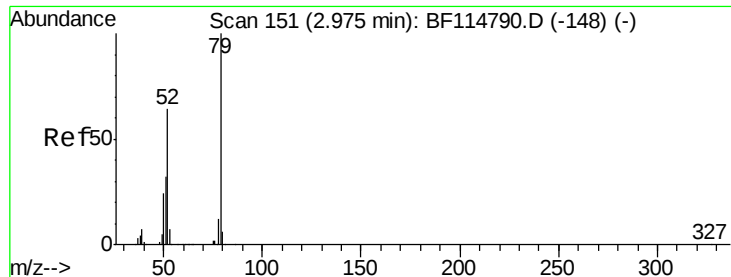


#2

1,4-Dioxane
Concen: 36.208 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion: 88 Resp: 168002
Ion Ratio Lower Upper
88 100
58 66.9 53.8 80.8
43 26.9 20.7 31.1





#3

Pyridine

Concen: 29.614 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.06 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

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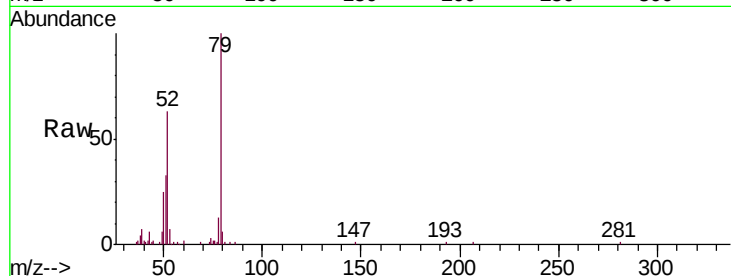
Tgt Ion: 79 Resp: 377627

Ion Ratio Lower Upper

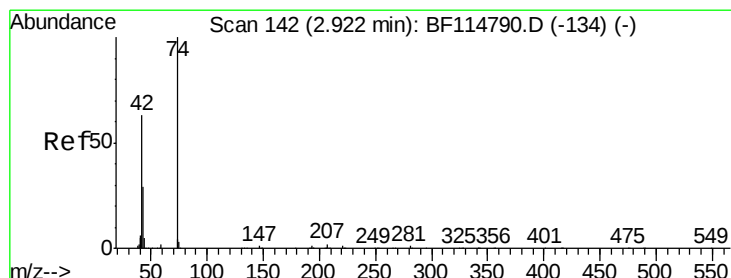
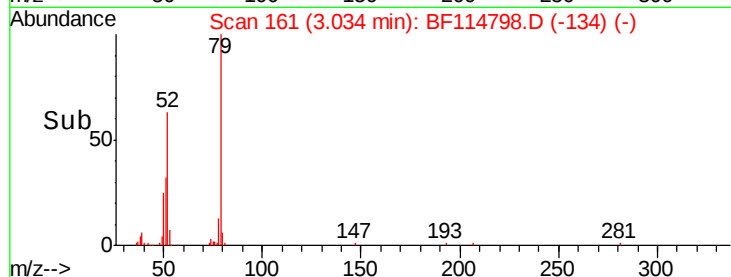
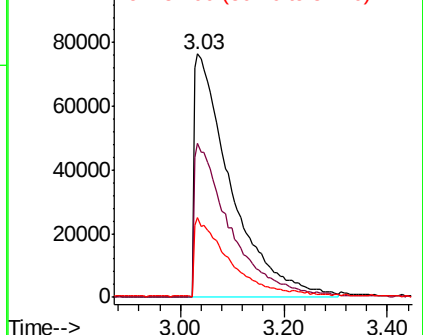
79 100

52 63.1 51.0 76.4

51 32.7 25.7 38.5



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



#4

n-Nitrosodimethylamine

Concen: 38.934 ng

RT: 2.90 min Scan# 138

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

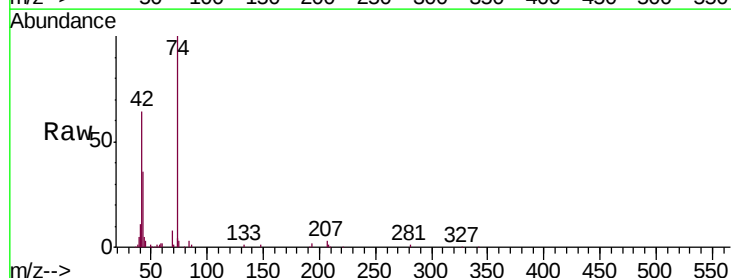
Tgt Ion: 42 Resp: 181703

Ion Ratio Lower Upper

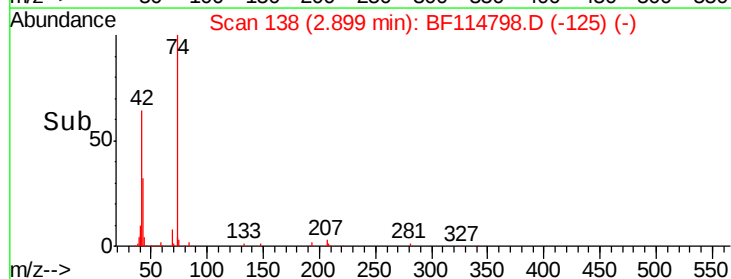
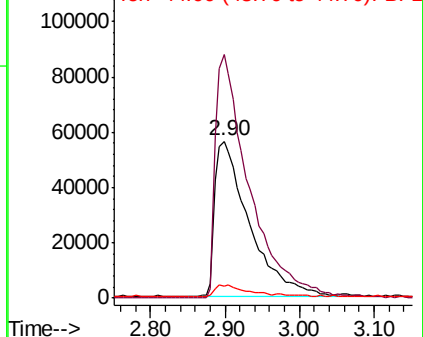
42 100

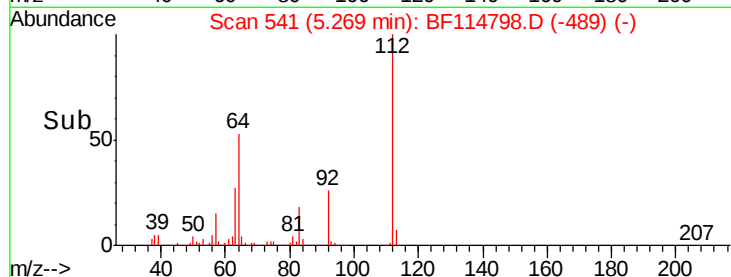
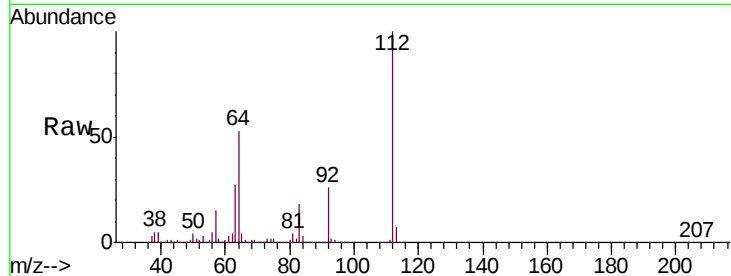
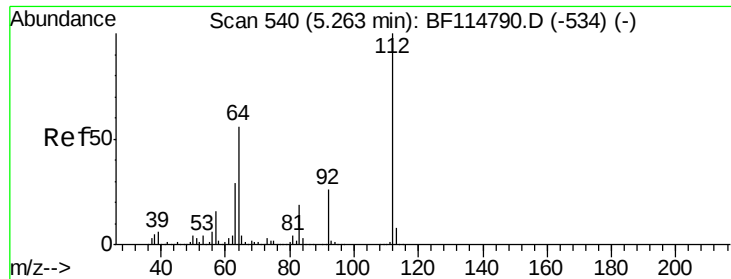
74 155.2 126.2 189.2

44 7.4 5.9 8.9



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





#5

2-Fluorophenol

Concen: 126.316 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114798.D

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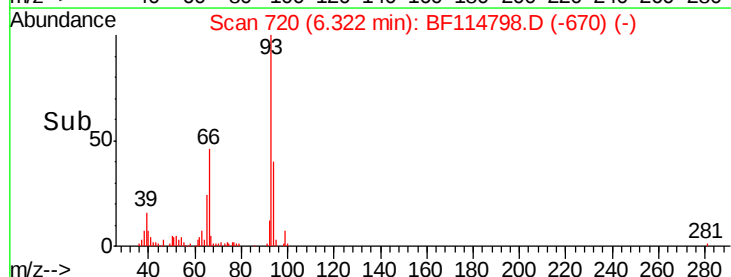
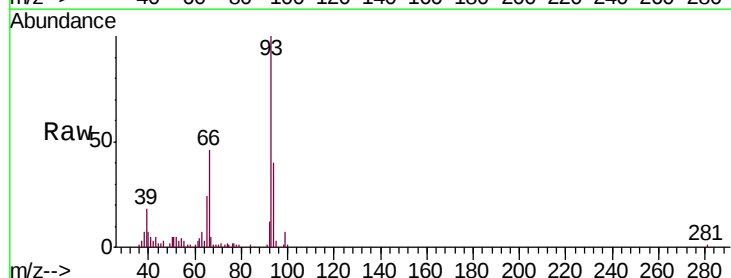
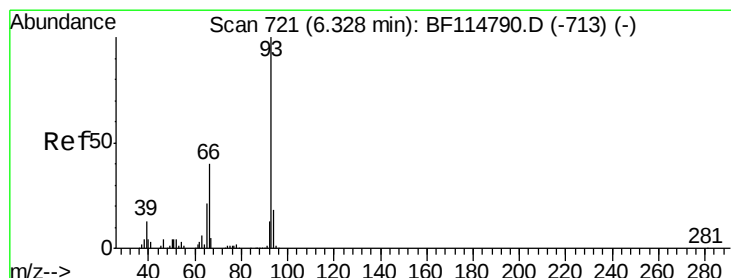
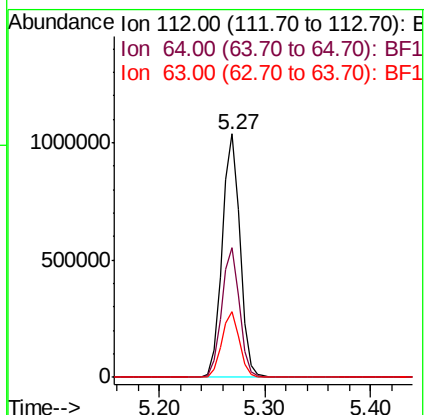
Tgt Ion:112 Resp: 1227561

Ion Ratio Lower Upper

112 100

64 53.4 44.6 66.8

63 27.0 23.0 34.4



#6

Aniline

Concen: 6.122 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

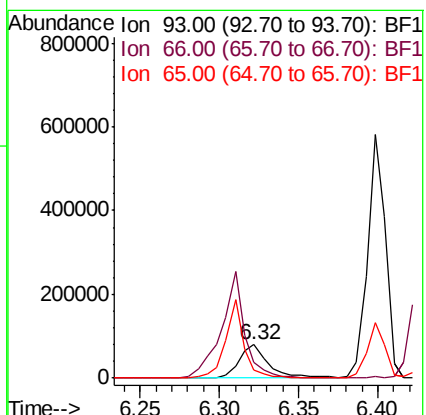
Tgt Ion: 93 Resp: 102726

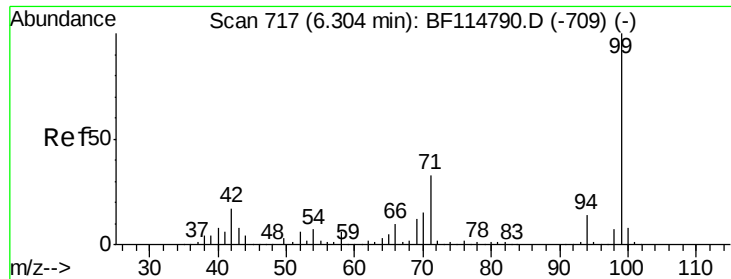
Ion Ratio Lower Upper

93 100

66 46.2 32.8 49.2

65 24.2 16.9 25.3





#7

Phenol-d6

Concen: 116.978 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114798.D

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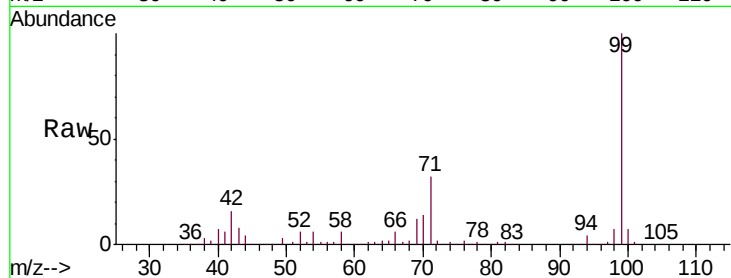
Tgt Ion: 99 Resp: 1383279

Ion Ratio Lower Upper

99 100

42 16.0 13.3 19.9

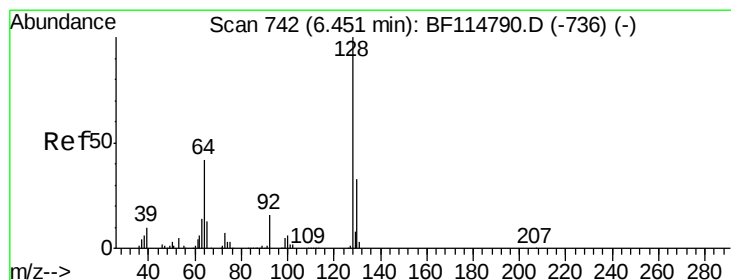
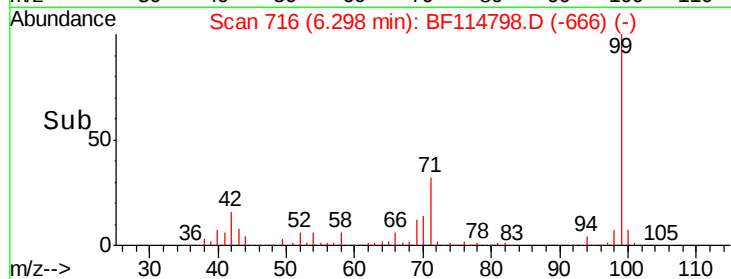
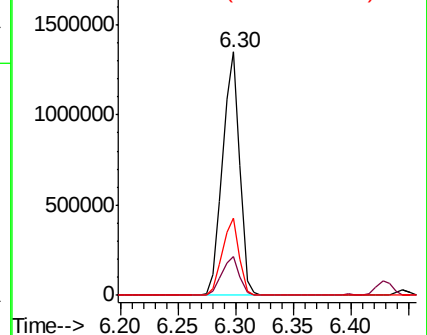
71 32.0 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.923 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

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Acq: 4 Jun 2019 18:34

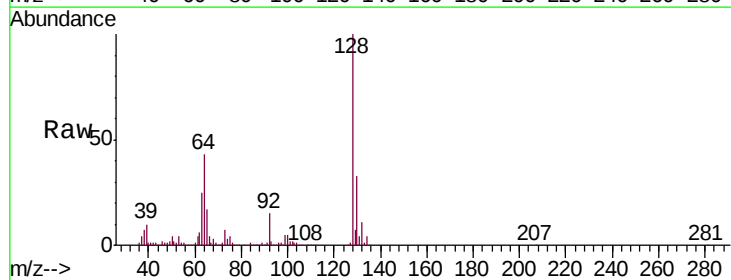
Tgt Ion: 128 Resp: 493186

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

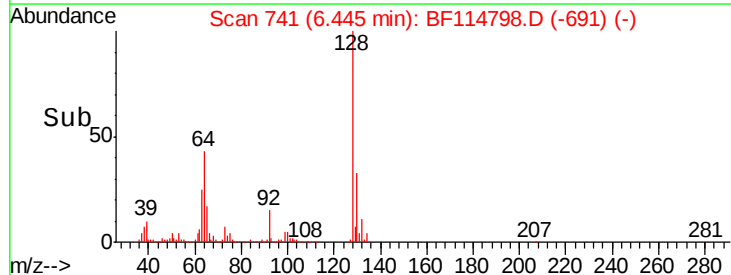
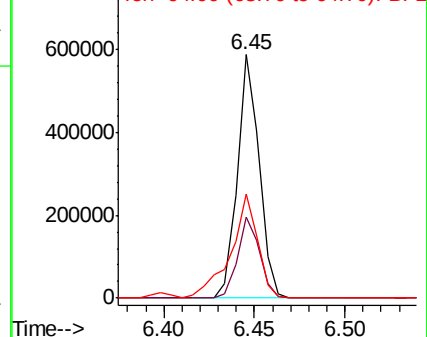
64 42.6 22.5 62.5

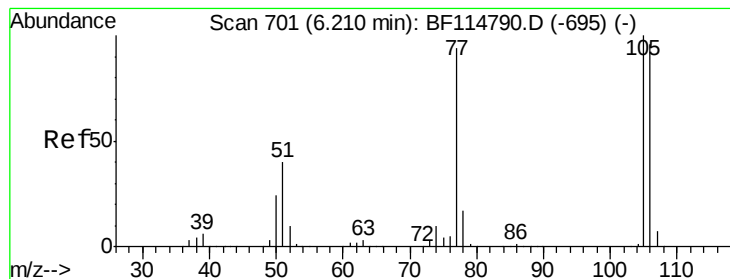


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.272 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

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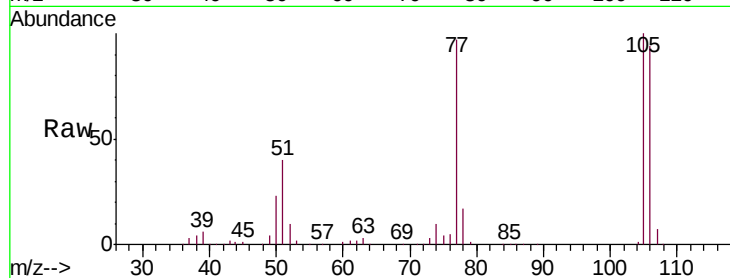
Tgt Ion: 77 Resp: 149879

Ion Ratio Lower Upper

77 100

105 103.4 85.8 125.8

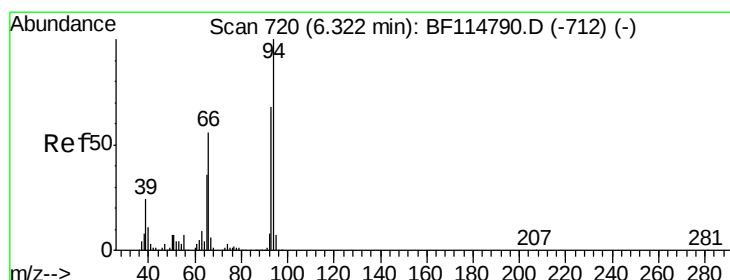
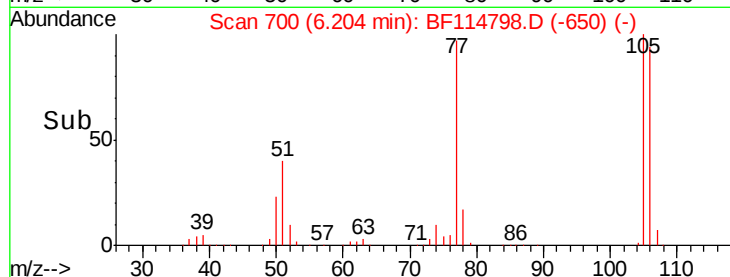
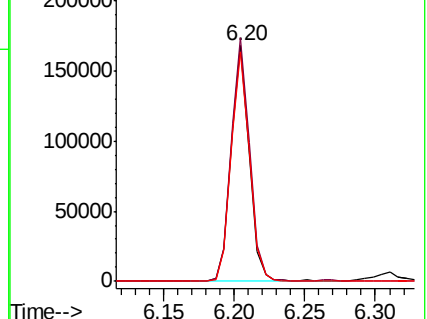
106 97.3 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.249 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

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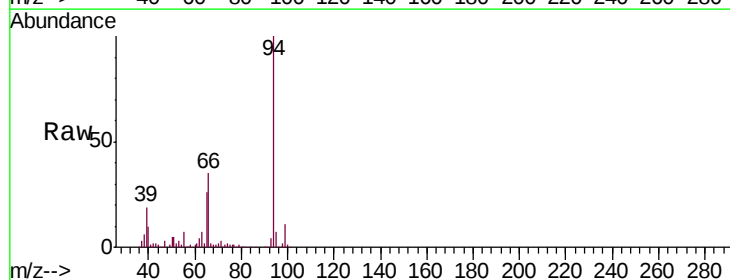
Tgt Ion: 94 Resp: 503707

Ion Ratio Lower Upper

94 100

65 25.5 16.1 56.1

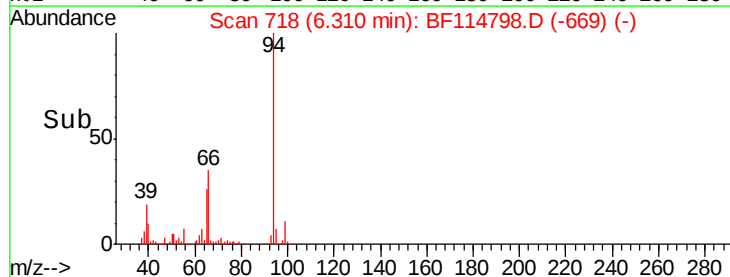
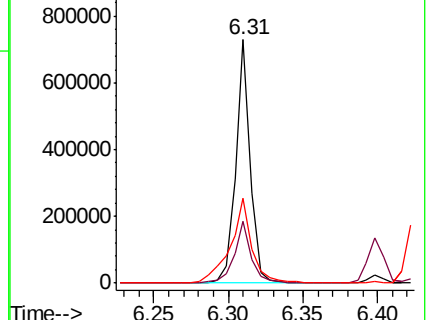
66 35.0 36.3 76.3#

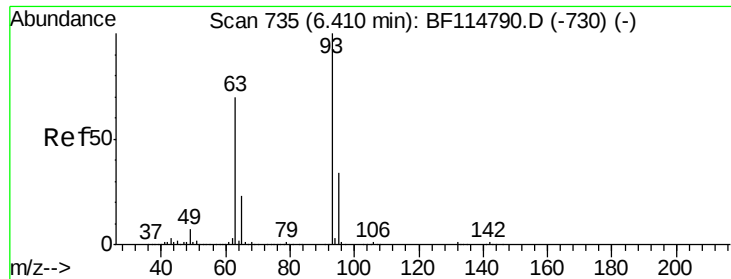


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

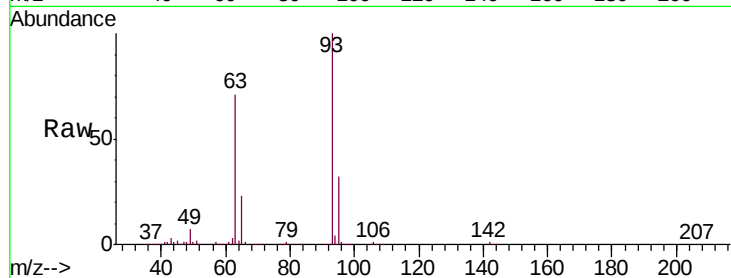




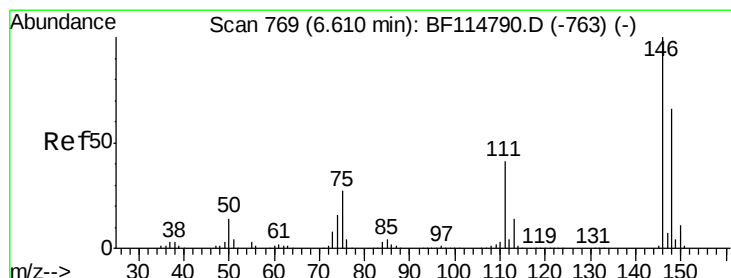
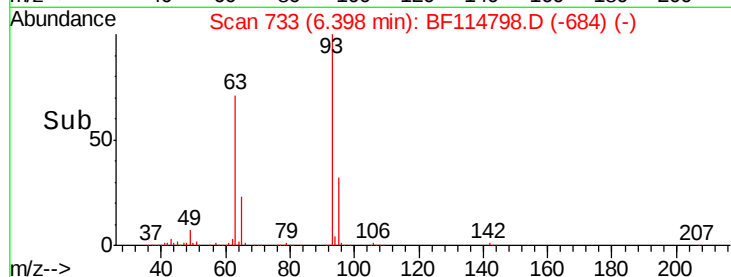
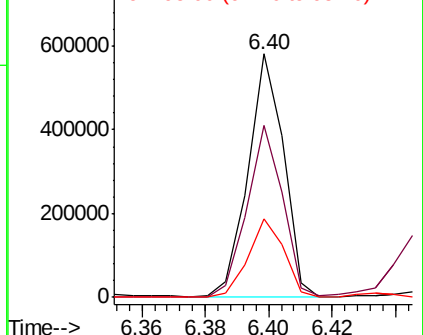
#11
bis(2-Chloroethyl)ether
Concen: 42.656 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tgt Ion: 93 Resp: 450179
Ion Ratio Lower Upper
93 100
63 70.7 49.6 89.6
95 32.2 13.6 53.6

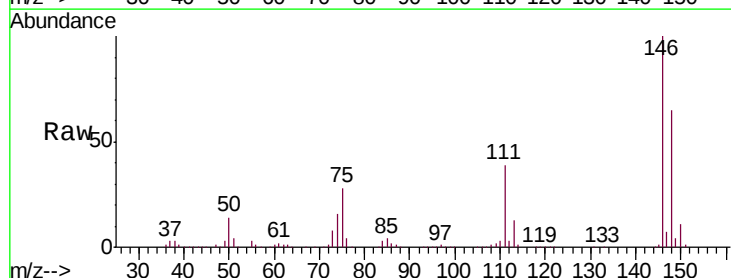


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

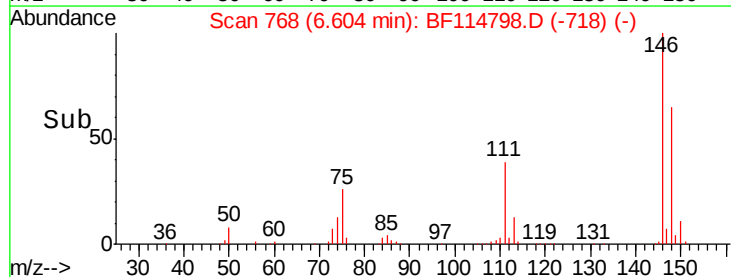
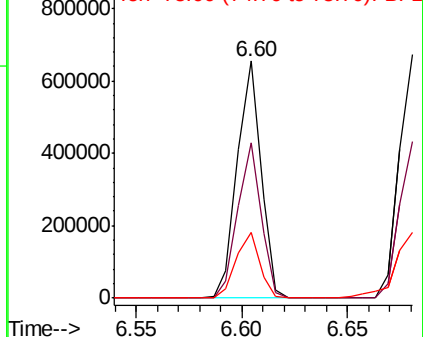


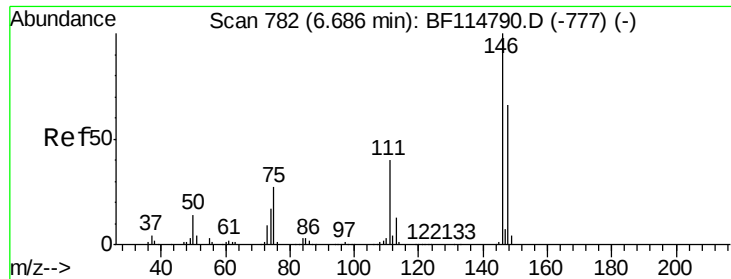
#12
1,3-Dichlorobenzene
Concen: 38.952 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion: 146 Resp: 509654
Ion Ratio Lower Upper
146 100
148 65.5 52.7 79.1
75 27.6 22.0 33.0



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

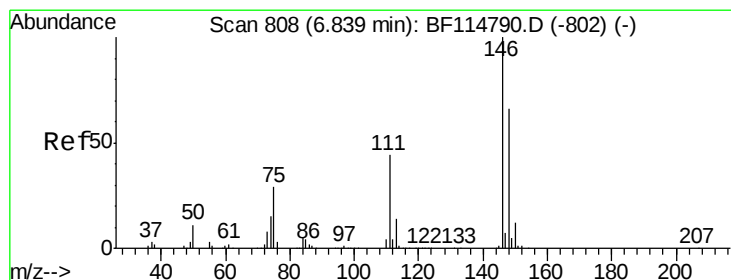
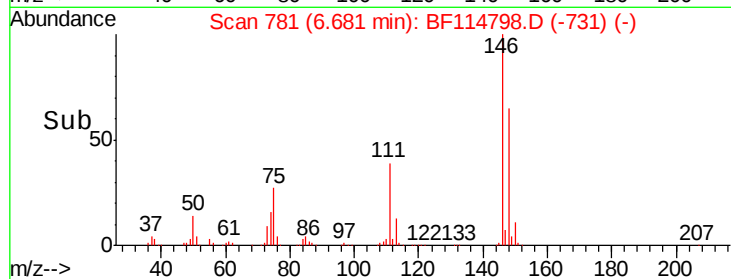
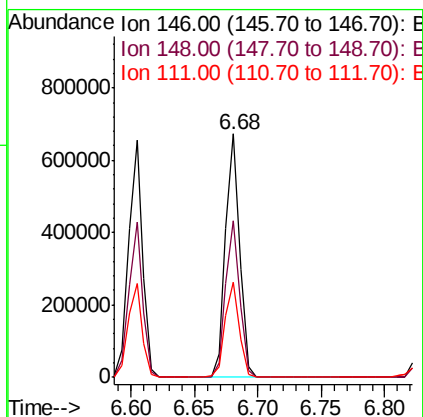
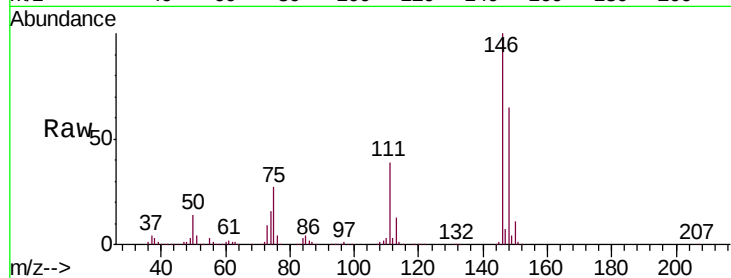




#13
 1,4-Dichlorobenzene
 Concen: 39.792 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

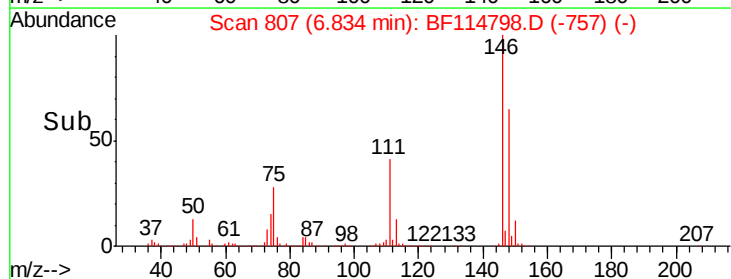
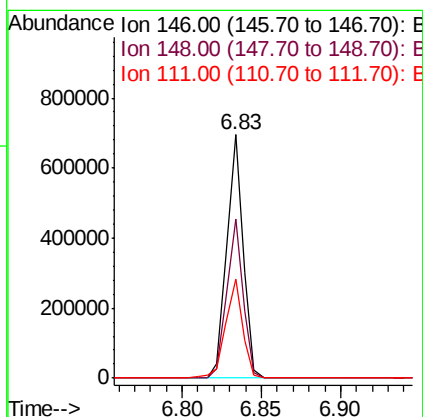
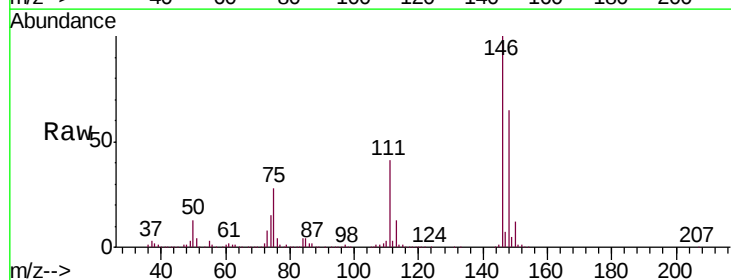
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

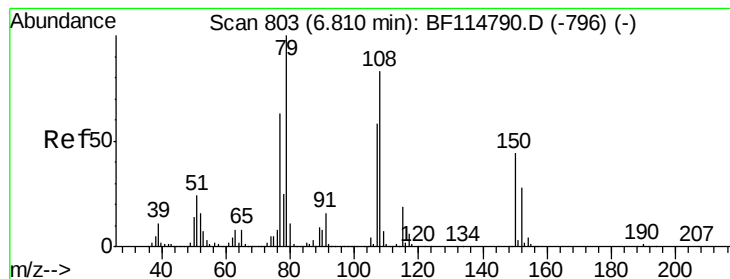
Tgt Ion:146 Resp: 523880
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.0 79.4
 111 39.0 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 41.748 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:146 Resp: 496379
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.5 78.7
 111 40.9 34.8 52.2





#15

Benzyl Alcohol

Concen: 44.449 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

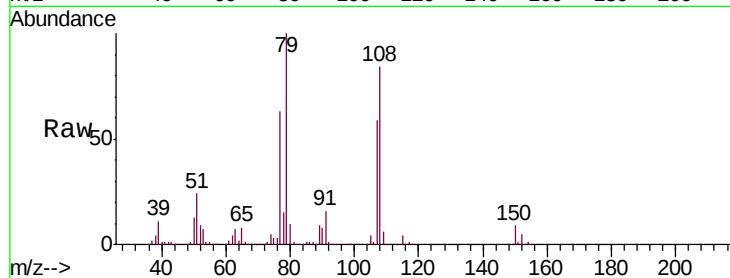
Tgt Ion: 79 Resp: 397477

Ion Ratio Lower Upper

79 100

108 84.3 66.8 100.2

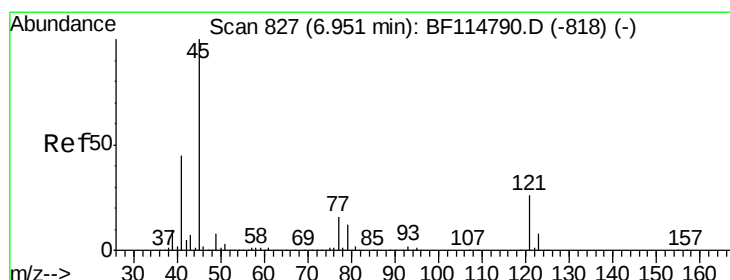
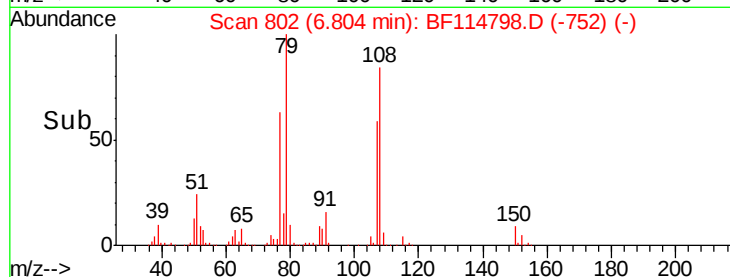
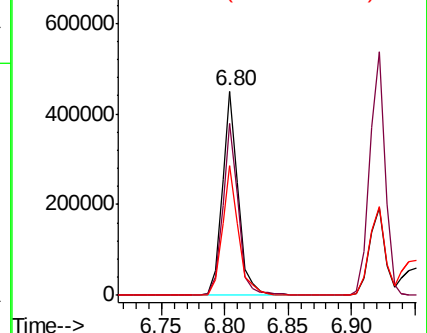
77 63.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.472 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

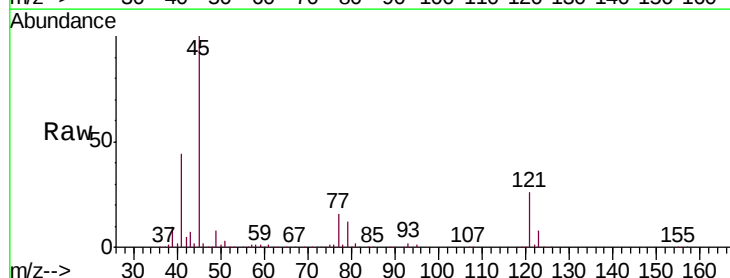
Tgt Ion: 45 Resp: 610871

Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.8

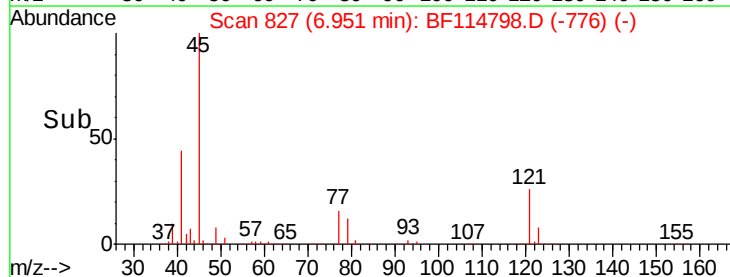
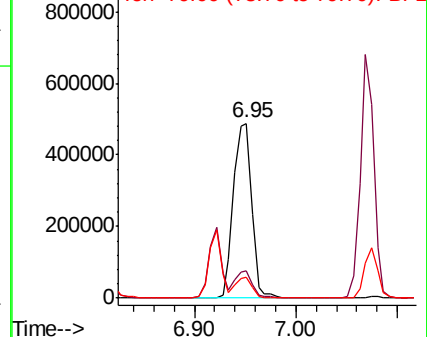
79 12.1 0.0 32.0

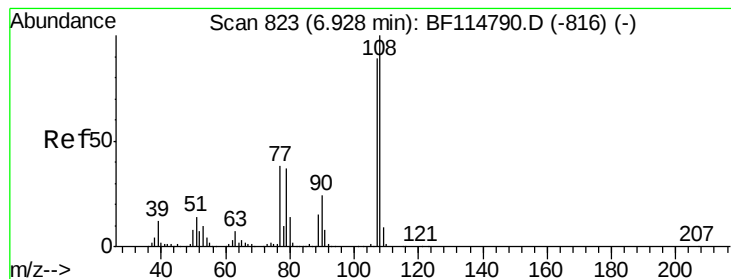


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.609 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tgt Ion:107 Resp: 389762

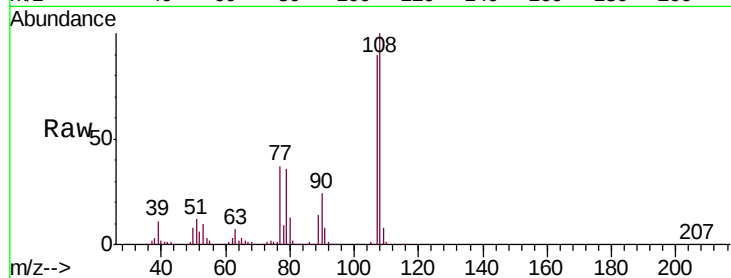
Ion Ratio Lower Upper

107 100

108 111.4 90.2 135.2

77 40.8 34.5 51.7

79 39.8 33.8 50.6

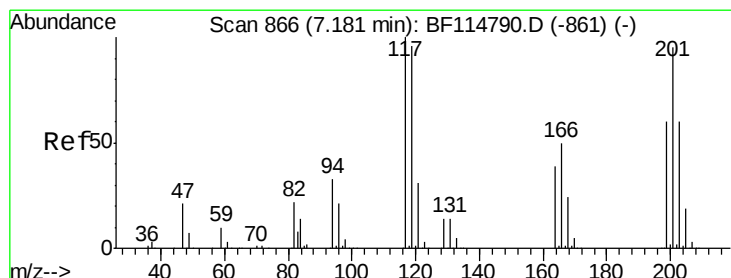
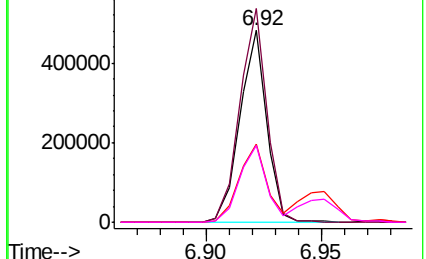
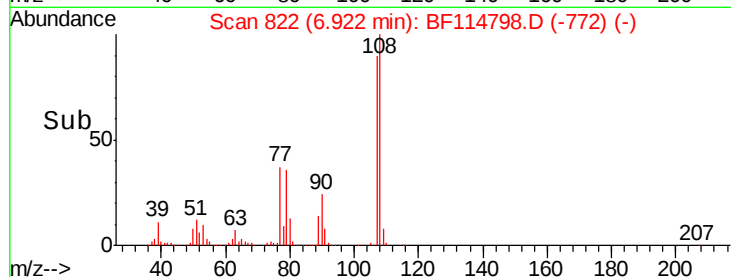


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.408 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

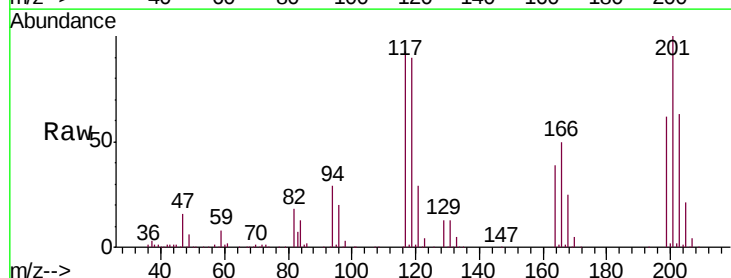
Tgt Ion:117 Resp: 180416

Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.4

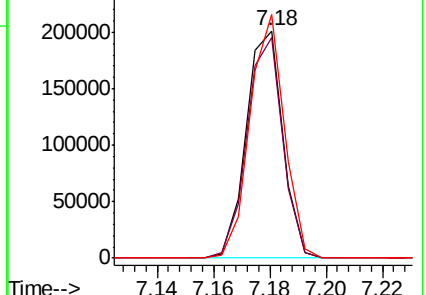
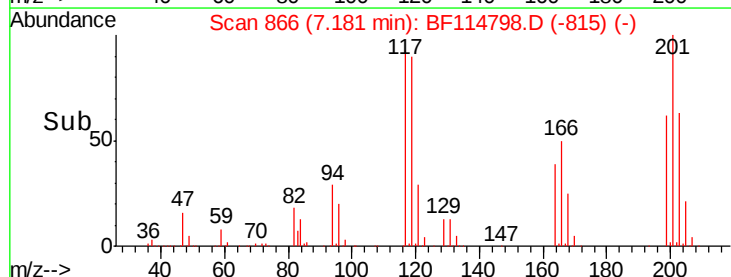
201 107.1 76.0 114.0

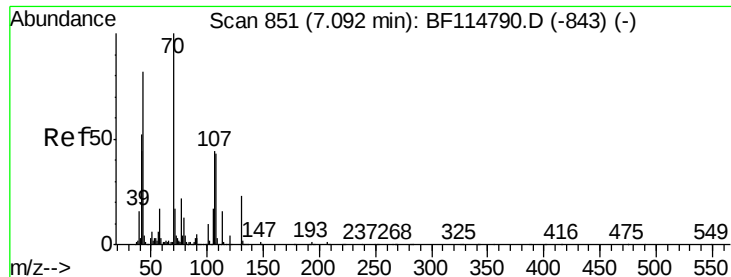


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

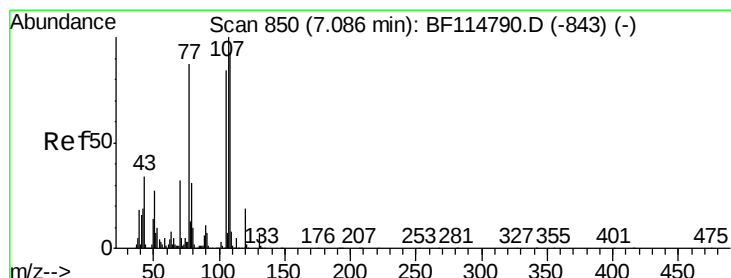
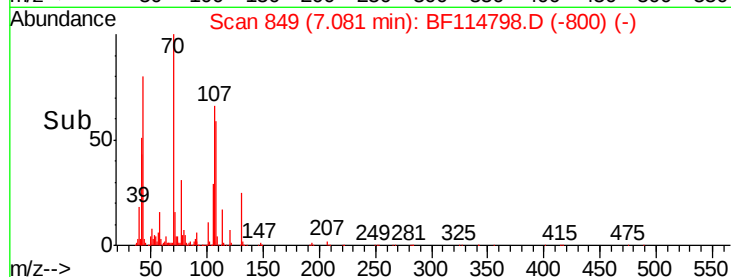
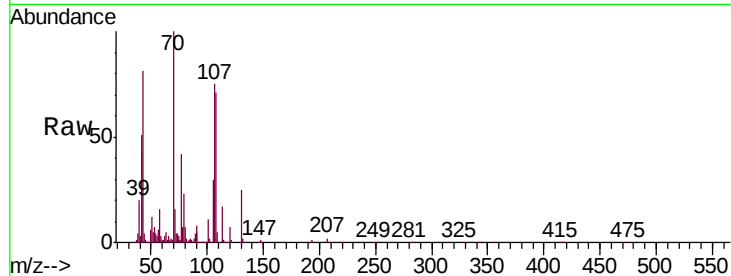
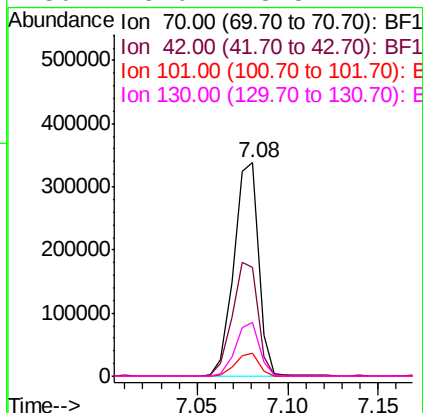




#19
n-Nitroso-di-n-propylamine
Concen: 41.062 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

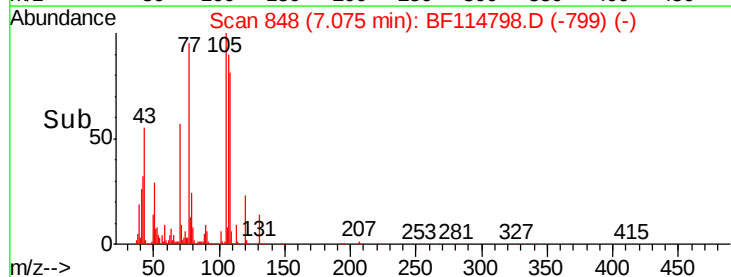
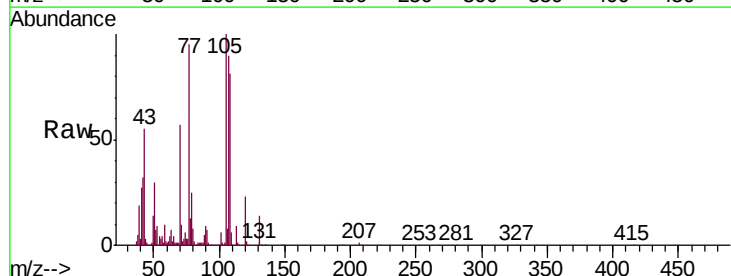
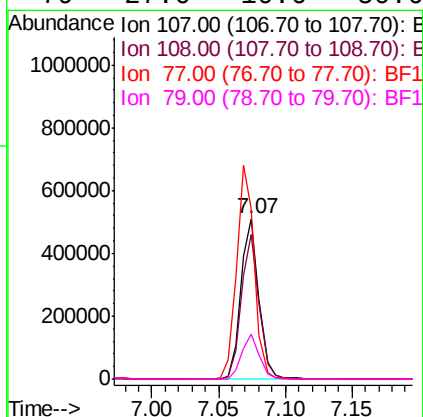
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

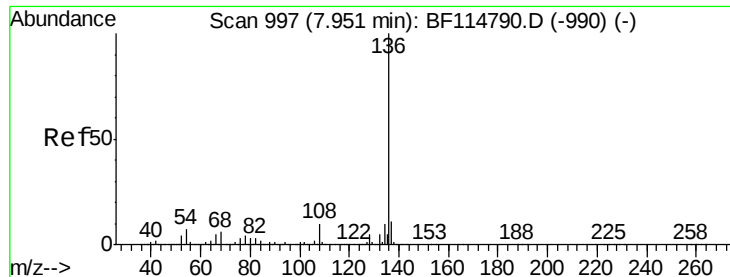
Tgt Ion:	70	Resp:	321423
Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.8	62.8
101	10.9	8.2	12.4
130	25.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 45.255 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:	107	Resp:	479075
Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.5	113.5
77	105.9	67.2	107.2
79	27.6	10.6	50.6

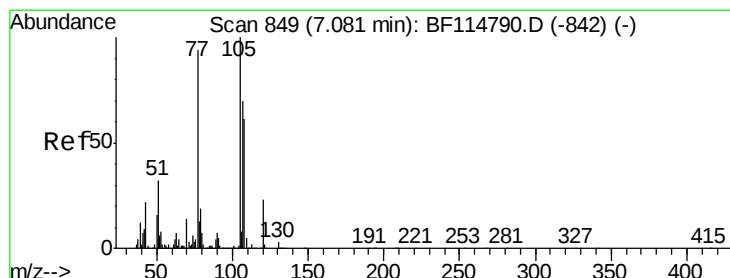
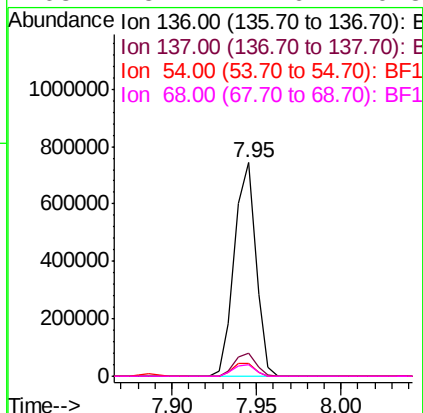
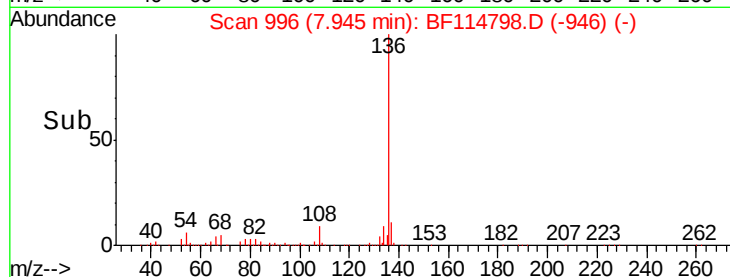
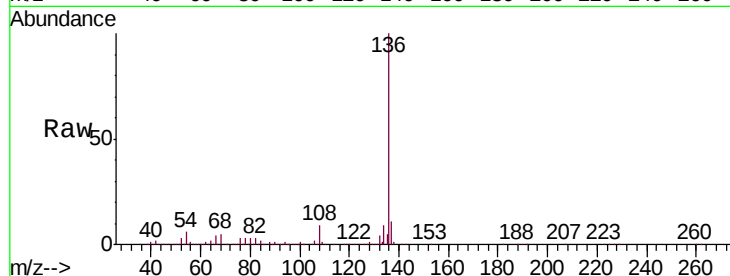




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

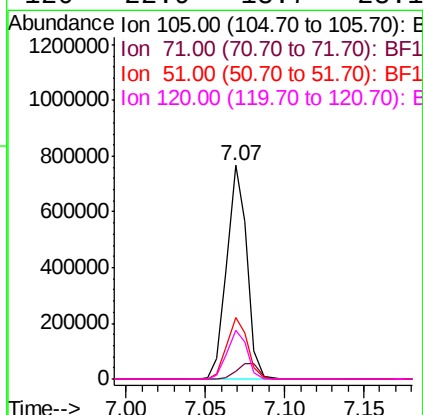
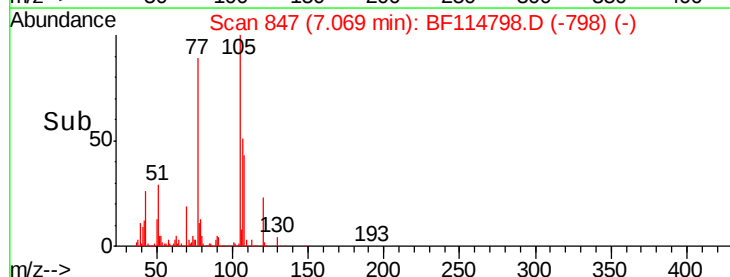
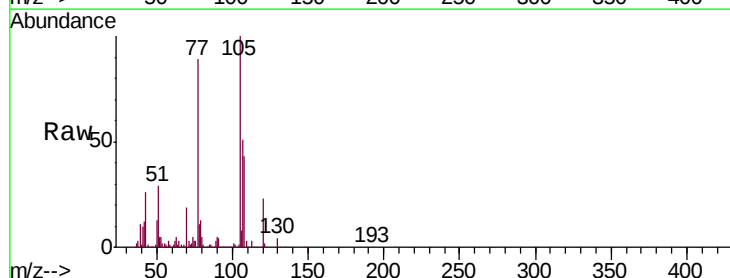
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

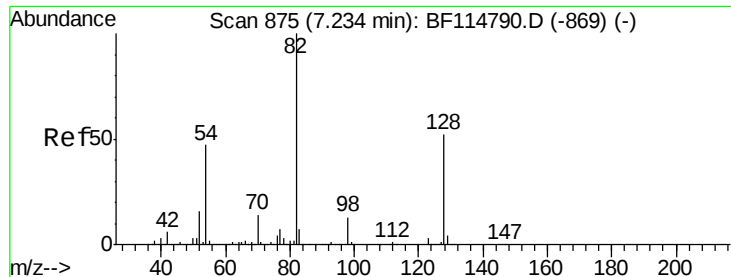
Tgt Ion:	136	Resp:	659519
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.0	5.4	8.0
68	5.4	4.6	6.8



#22
Acetophenone
Concen: 46.375 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:	105	Resp:	673370
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.0	3.0#
51	28.9	25.4	38.0
120	22.9	18.7	28.1

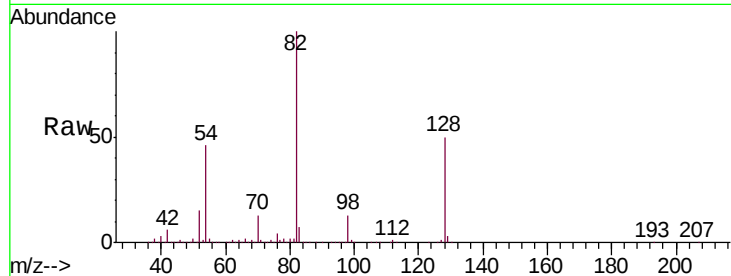




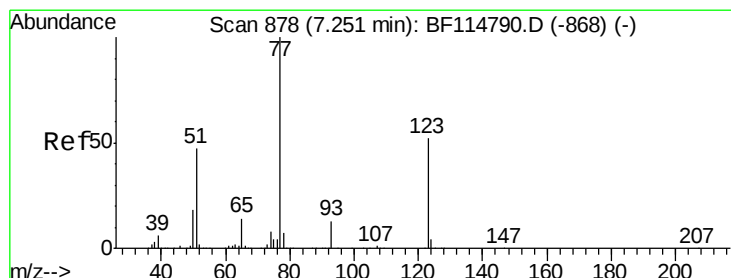
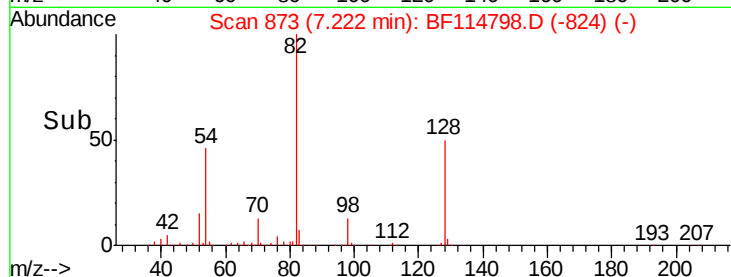
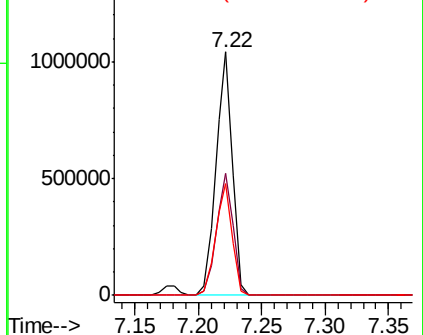
#23
 Nitrobenzene-d5
 Concen: 88.558 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion: 82 Resp: 948782
 Ion Ratio Lower Upper
 82 100
 128 50.4 41.8 62.6
 54 45.7 37.9 56.9

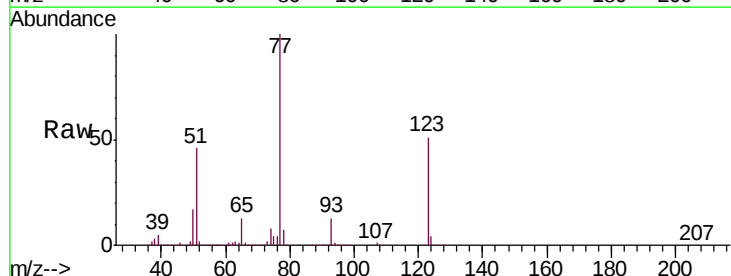


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

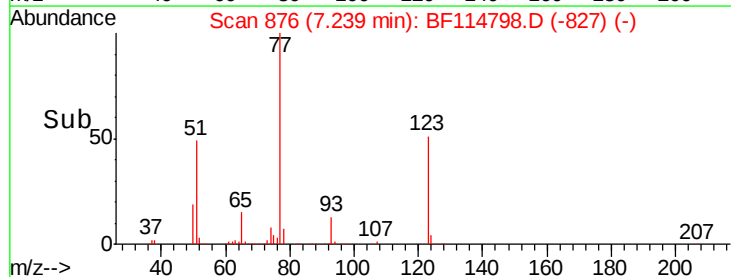
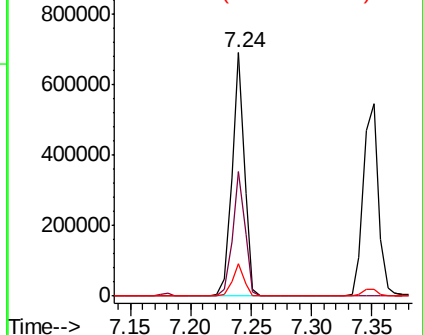


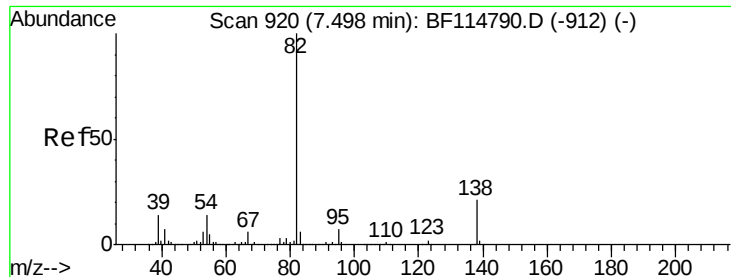
#24
 Nitrobenzene
 Concen: 44.501 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion: 77 Resp: 493924
 Ion Ratio Lower Upper
 77 100
 123 51.2 41.5 62.3
 65 13.4 10.8 16.2



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





#25

Isophorone

Concen: 42.171 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

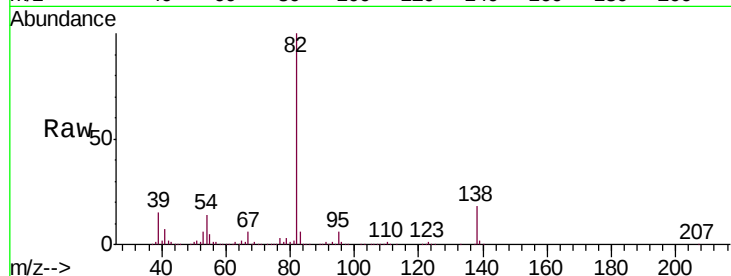
Tgt Ion: 82 Resp: 893208

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.8

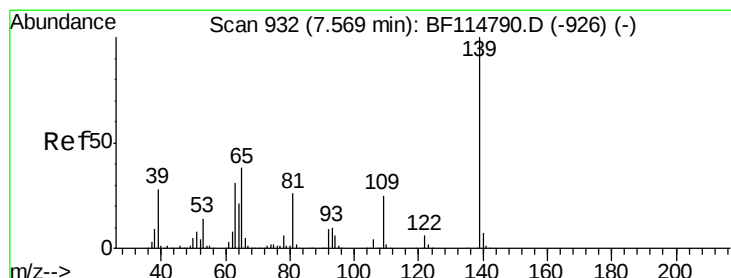
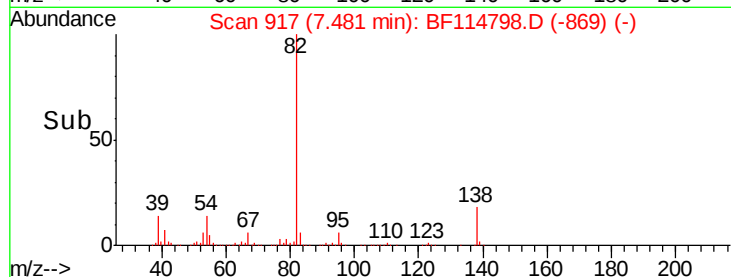
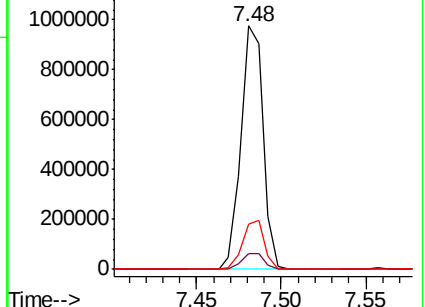
138 18.4 16.9 25.3



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: 44.563 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

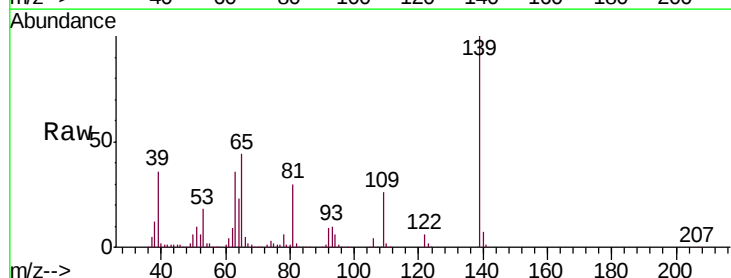
Tgt Ion: 139 Resp: 267886

Ion Ratio Lower Upper

139 100

109 26.4 20.4 30.6

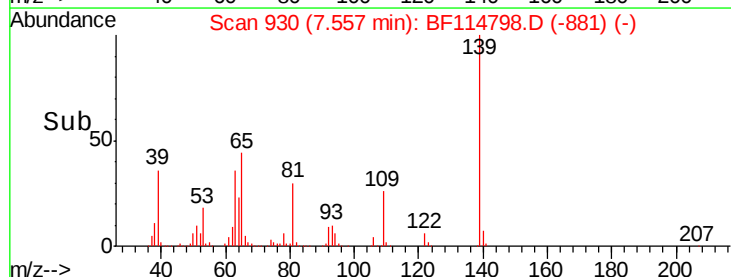
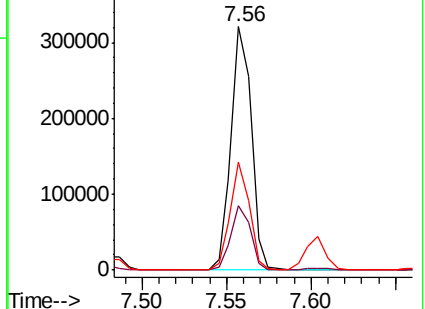
65 44.3 30.5 45.7

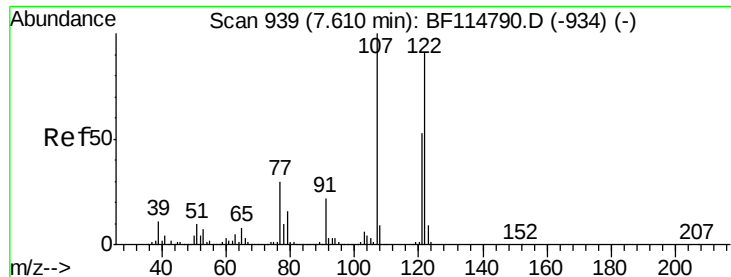


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.717 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

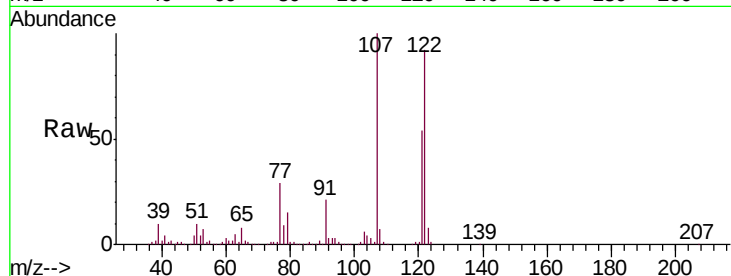
Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

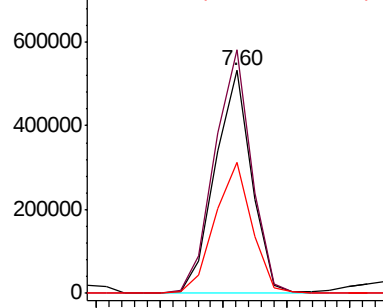
Tgt Ion:	122	Resp:	426847
Ion	Ratio	Lower	Upper
122	100		
107	109.2	87.9	131.9
121	58.6	46.4	69.6



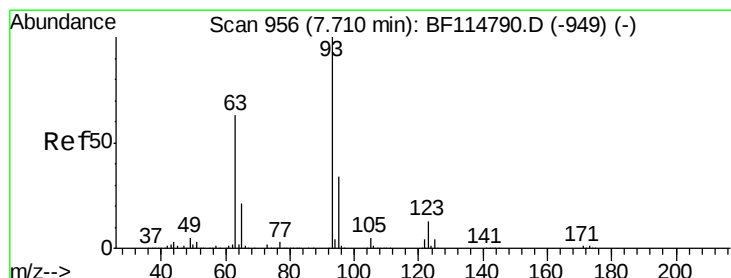
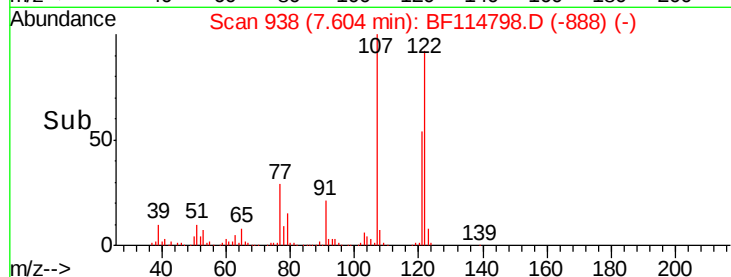
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 42.291 ng

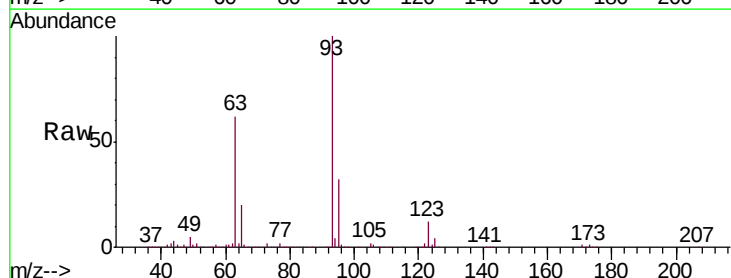
RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

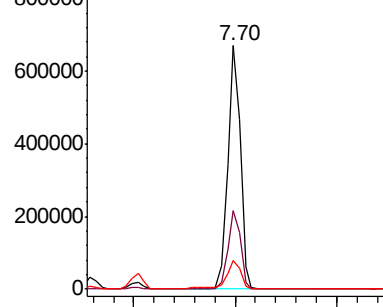
Tgt Ion:	93	Resp:	572584
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.9	40.3
123	11.9	10.4	15.6



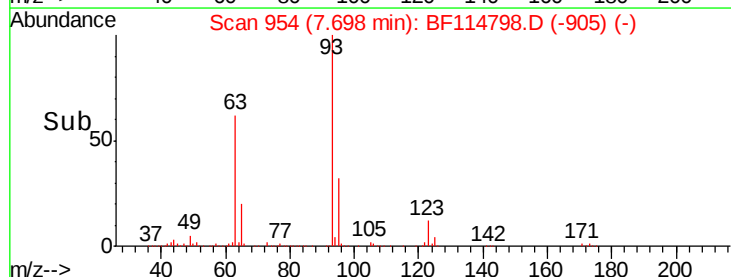
Abundance Ion 93.00 (92.70 to 93.70): BF1

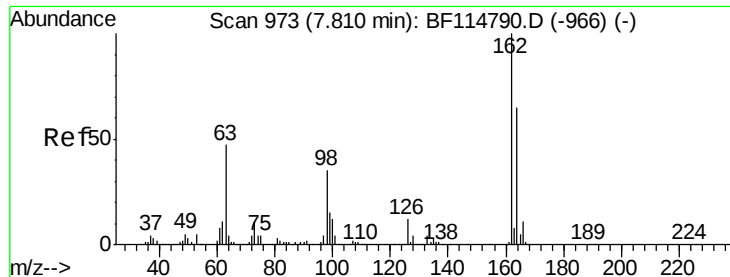
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->

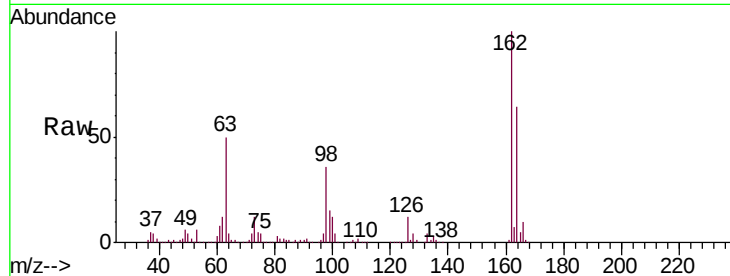




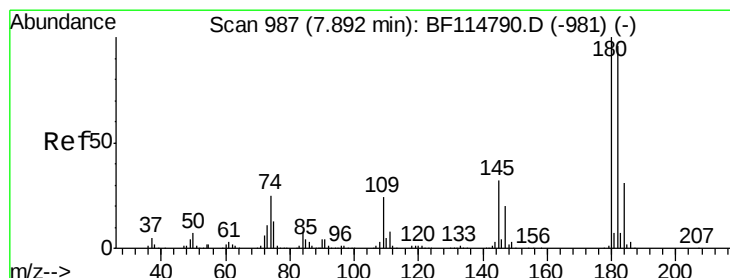
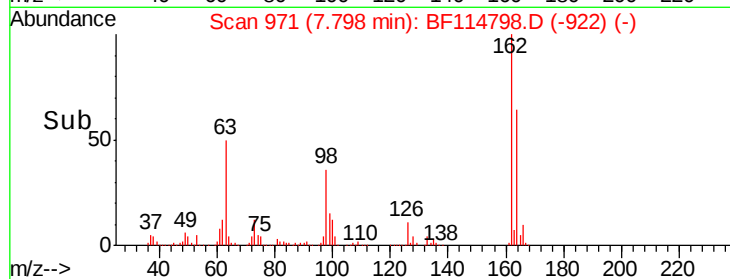
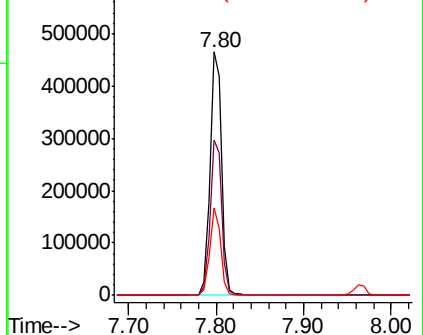
#29
2,4-Dichlorophenol
Concen: 44.484 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tgt Ion:162 Resp: 427608
Ion Ratio Lower Upper
162 100
164 63.7 45.1 85.1
98 35.9 14.6 54.6

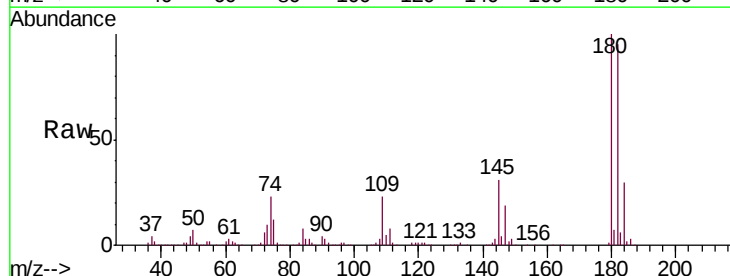


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

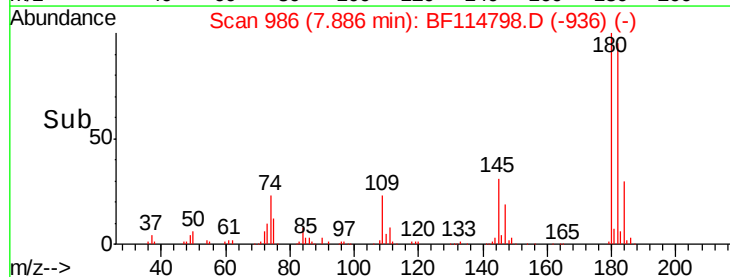
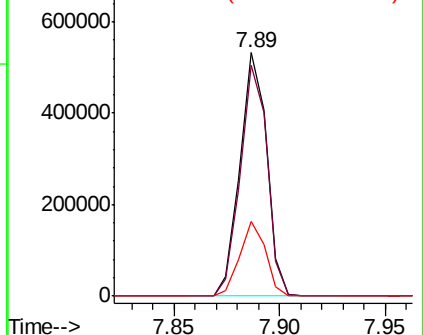


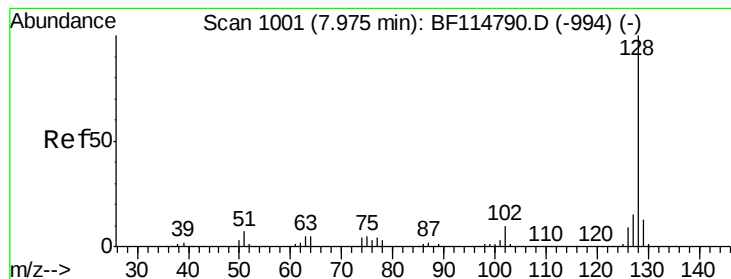
#30
1,2,4-Trichlorobenzene
Concen: 42.386 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:180 Resp: 467508
Ion Ratio Lower Upper
180 100
182 95.0 76.5 114.7
145 30.9 25.8 38.8



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: 48.349 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

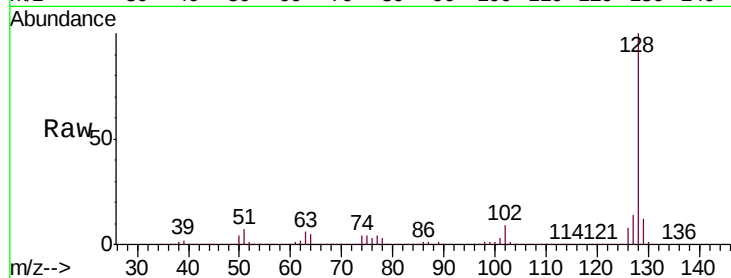
Tgt Ion:128 Resp: 1435573

Ion Ratio Lower Upper

128 100

129 11.8 10.0 15.0

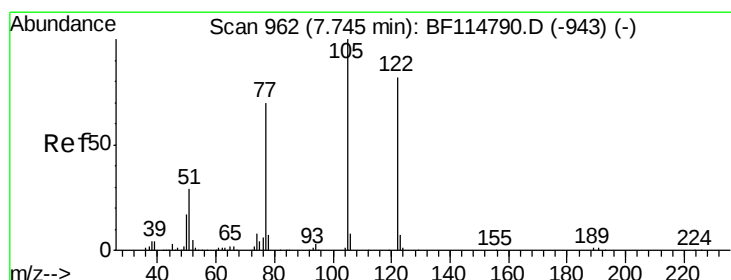
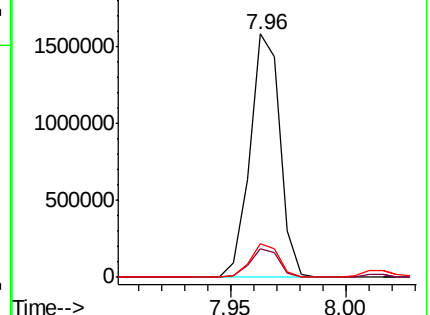
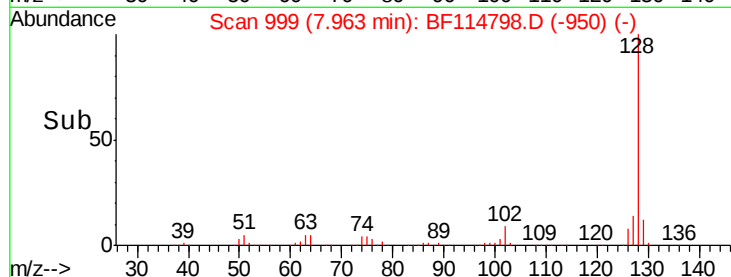
127 13.9 12.2 18.2



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: 29.338 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

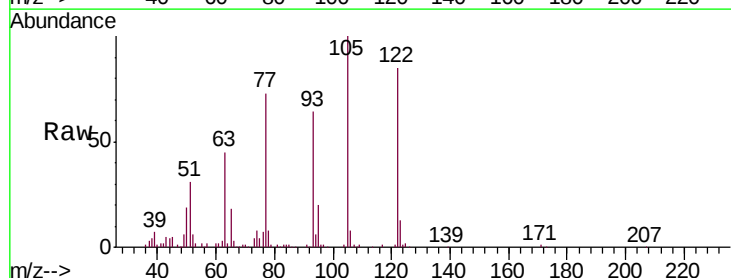
Tgt Ion:122 Resp: 195231

Ion Ratio Lower Upper

122 100

105 117.1 98.7 138.7

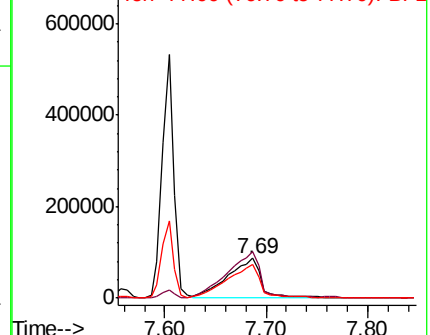
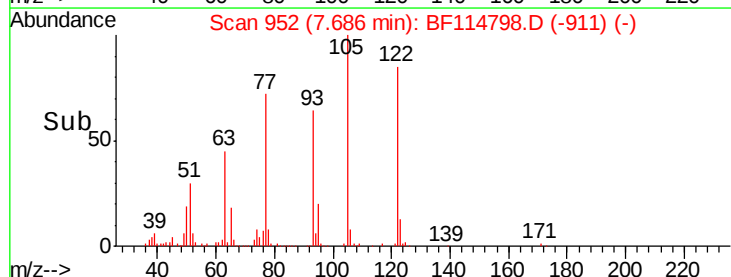
77 85.5 64.8 104.8

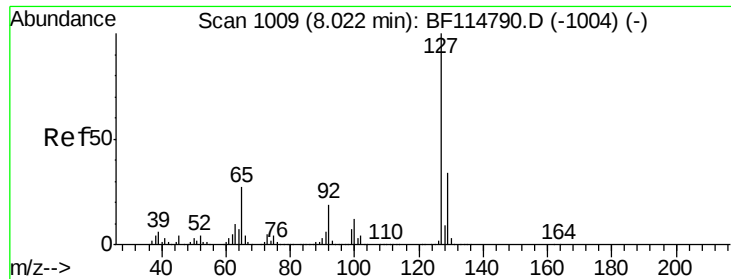


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

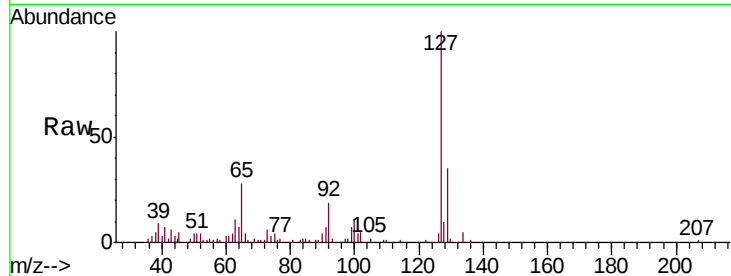




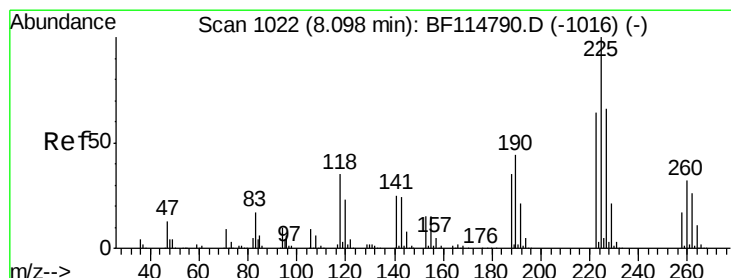
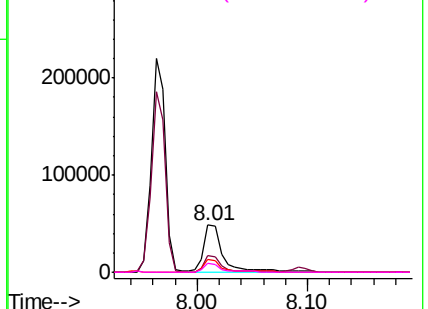
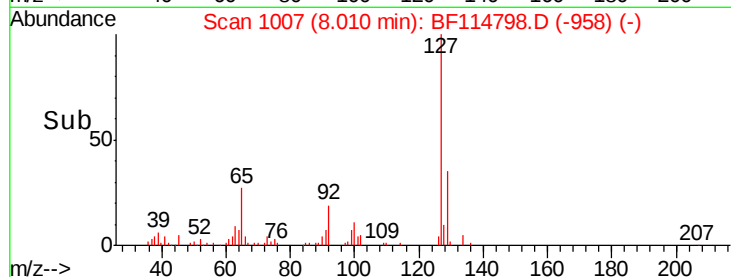
#33
4-Chloroaniline
Concen: 4.122 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tgt Ion:	127	Resp:	58386
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.9	40.3
65	28.2	21.7	32.5
92	18.8	14.8	22.2

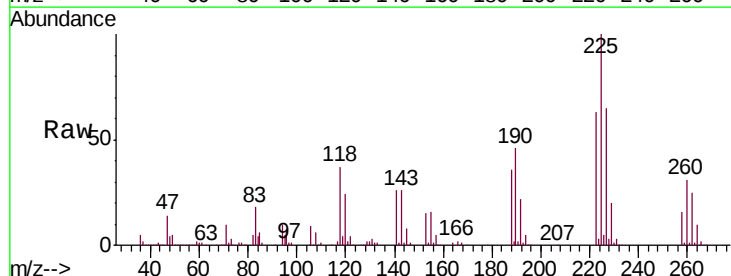


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

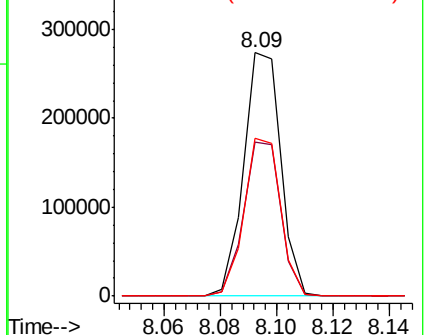
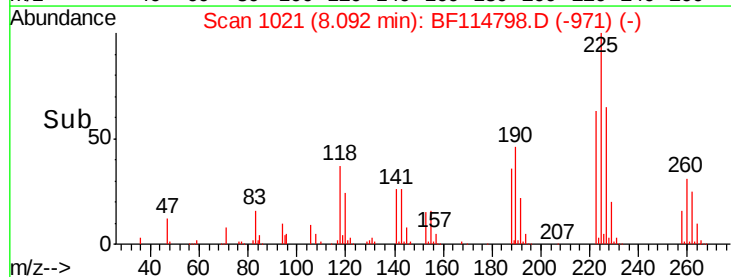


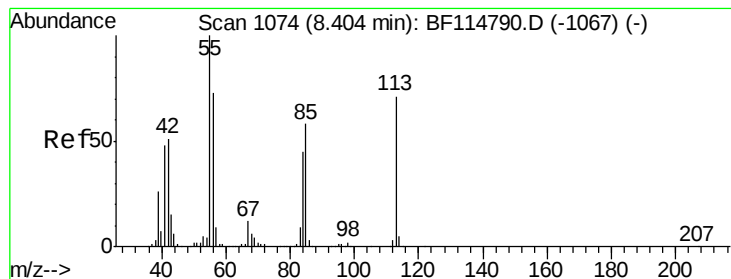
#34
Hexachlorobutadiene
Concen: 39.745 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:	225	Resp:	249232
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	64.9	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.564 ng

RT: 8.36 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

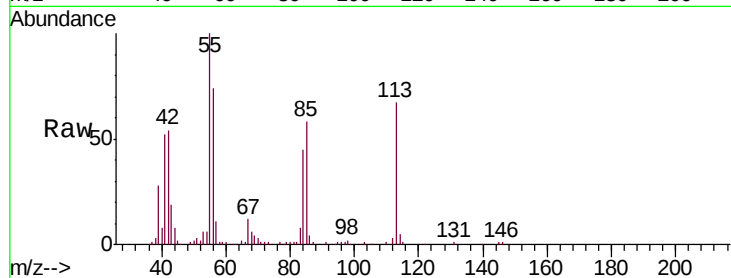
Tgt Ion:113 Resp: 77134

Ion Ratio Lower Upper

113 100

55 150.0 121.1 161.1

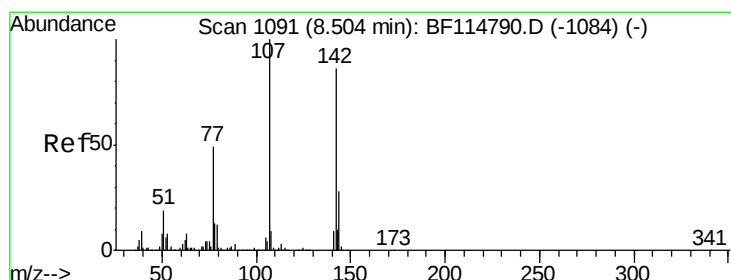
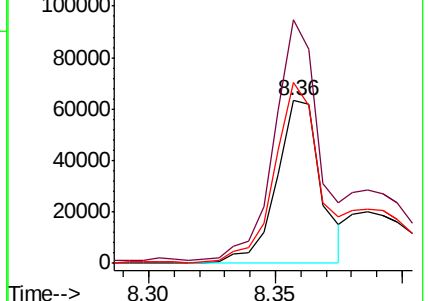
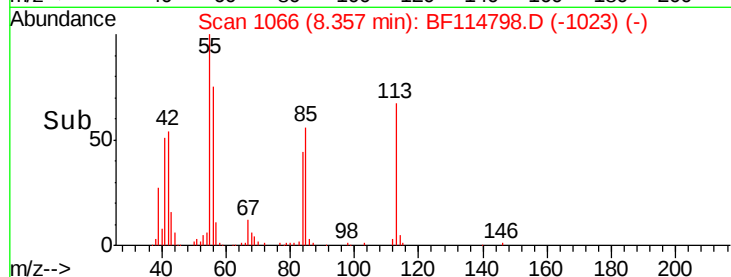
56 111.3 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.539 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

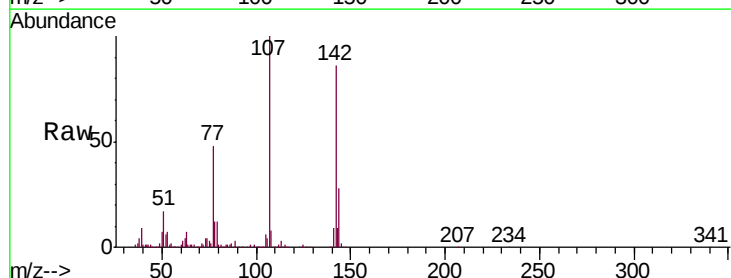
Tgt Ion:107 Resp: 435594

Ion Ratio Lower Upper

107 100

144 28.1 22.1 33.1

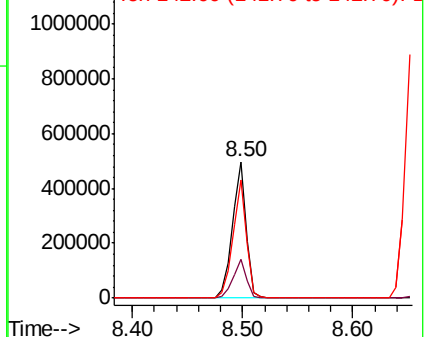
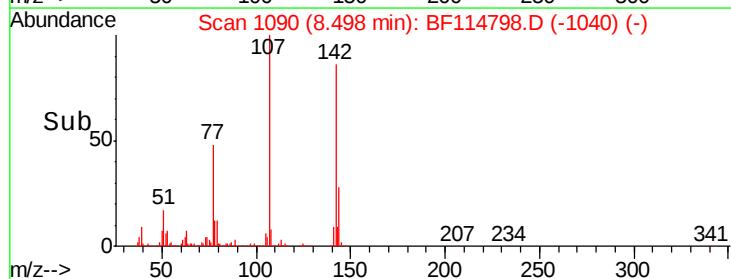
142 86.2 68.4 102.6

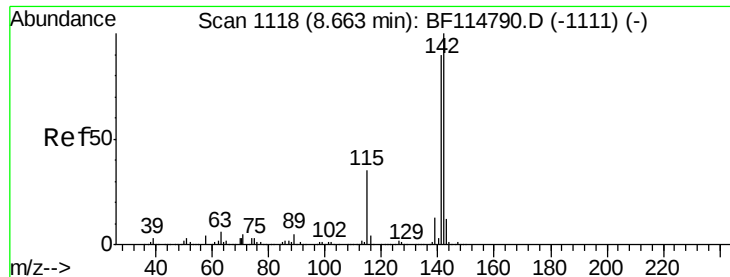


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

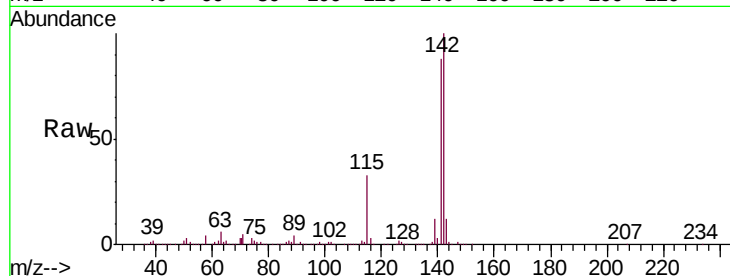




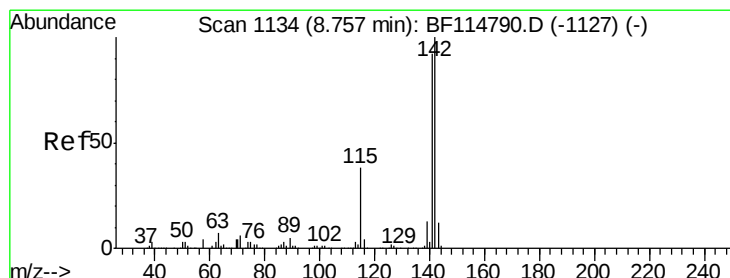
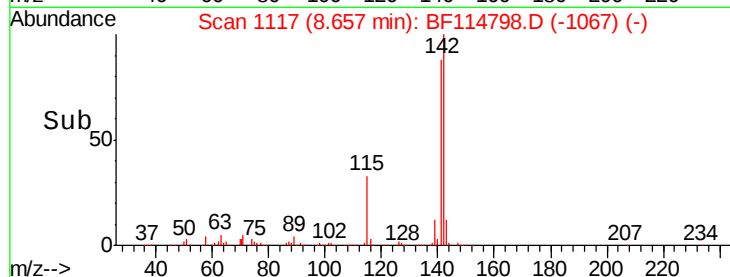
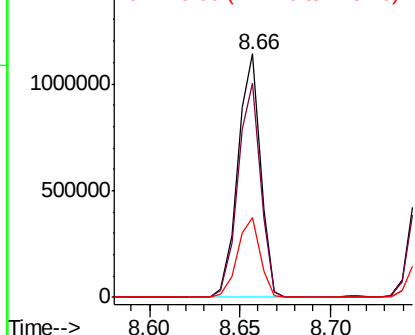
#37
 2-Methylnaphthalene
 Concen: 48.052 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion:142 Resp: 989610
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.6 107.4
 115 32.5 28.2 42.4

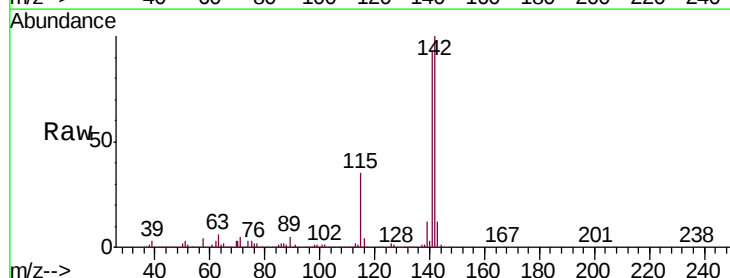


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

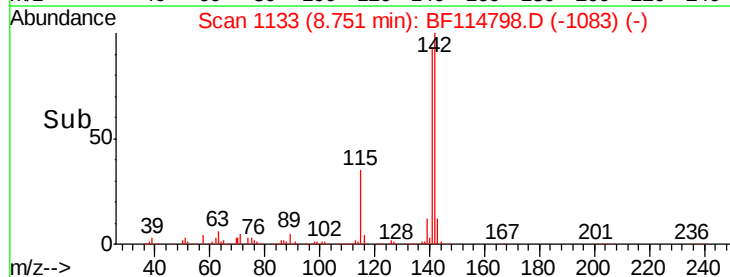
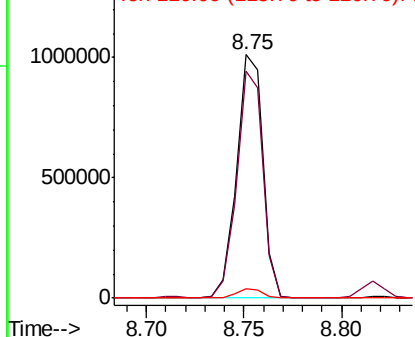


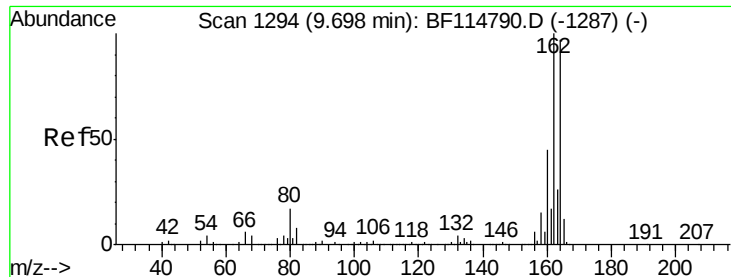
#38
 1-Methylnaphthalene
 Concen: 48.110 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:142 Resp: 939625
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.8 110.6
 116 3.8 3.3 4.9



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

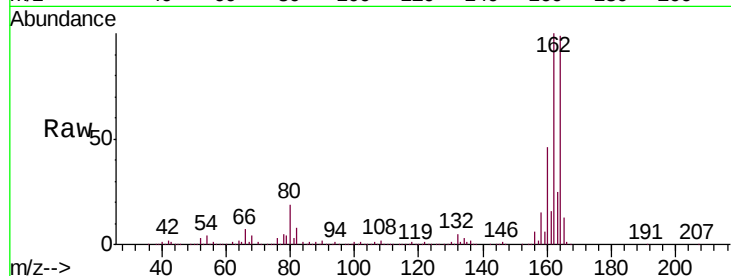




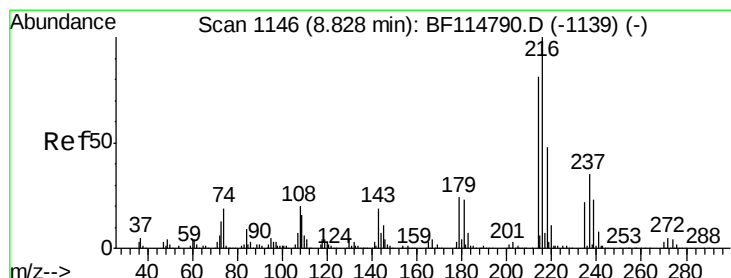
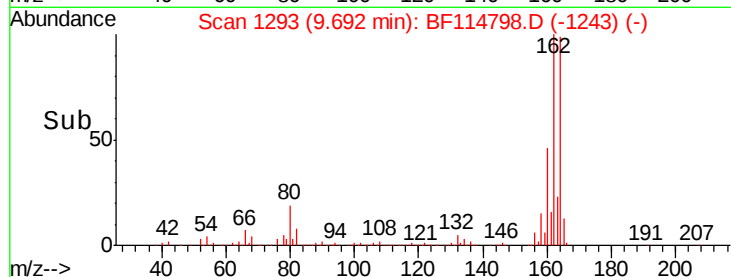
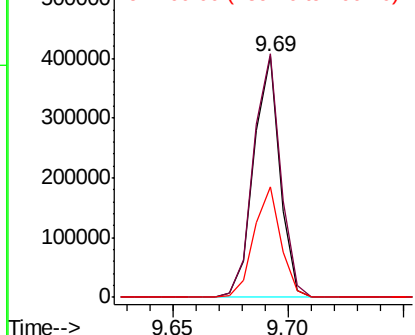
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion:164 Resp: 321124
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.3 123.5
 160 46.2 36.7 55.1

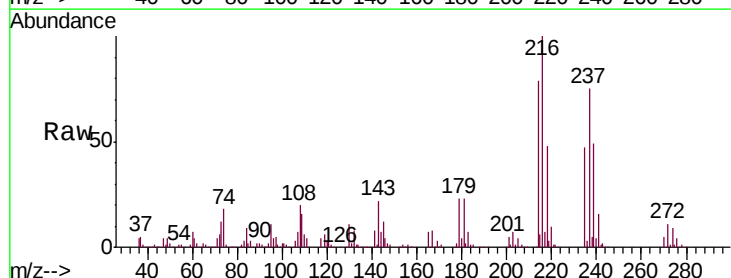


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

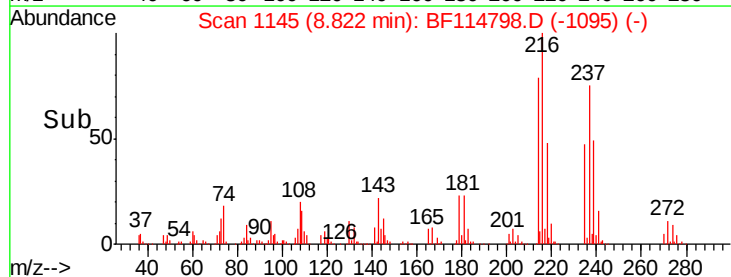
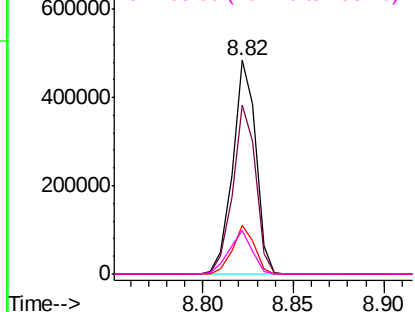


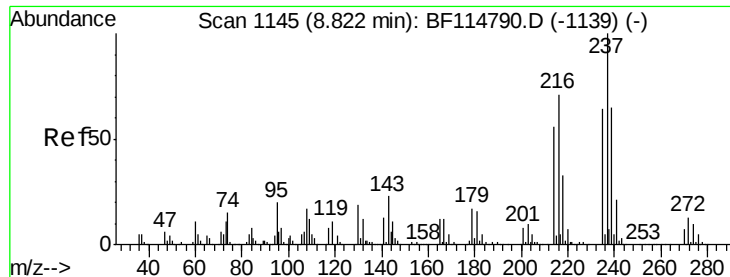
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.327 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:216 Resp: 428721
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.4 95.2
 179 21.9 18.3 27.5
 108 20.6 15.5 23.3



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: 78.808 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

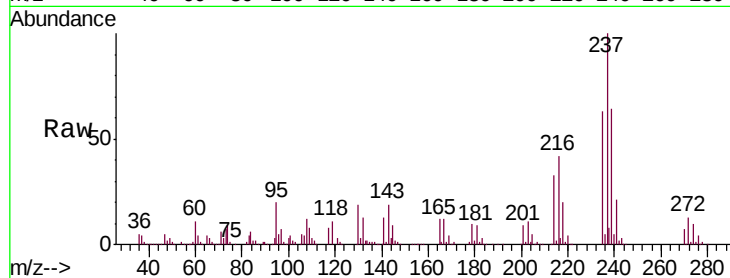
Tgt Ion: 237 Resp: 442322

Ion Ratio Lower Upper

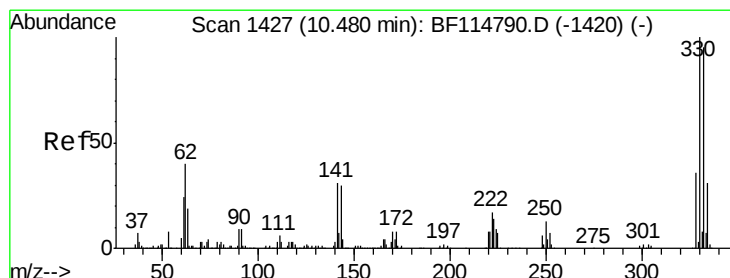
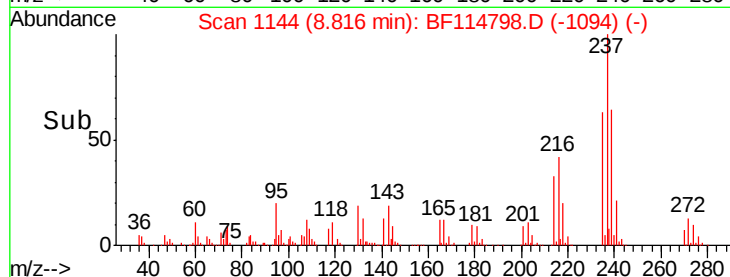
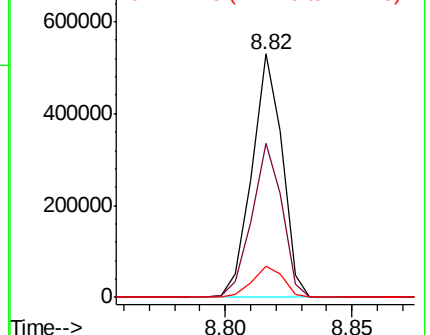
237 100

235 63.1 44.0 84.0

272 12.9 0.0 33.4



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: 143.129 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

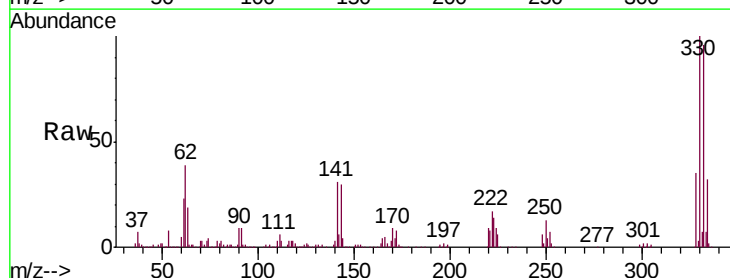
Tgt Ion: 330 Resp: 495315

Ion Ratio Lower Upper

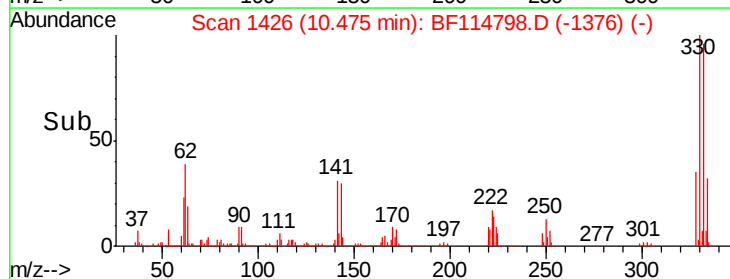
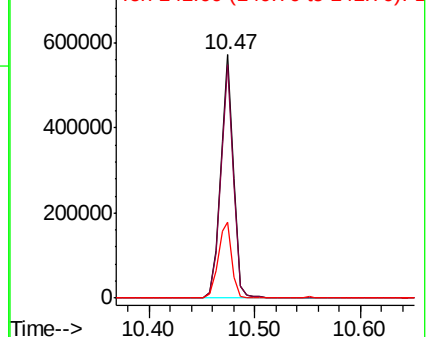
330 100

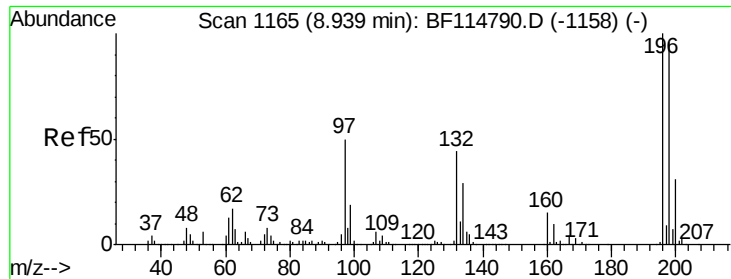
332 95.7 77.3 115.9

141 33.7 26.2 39.4



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

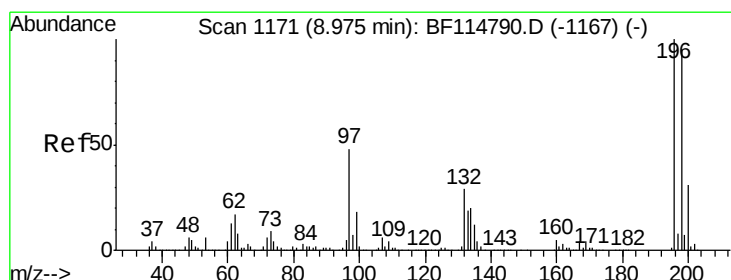
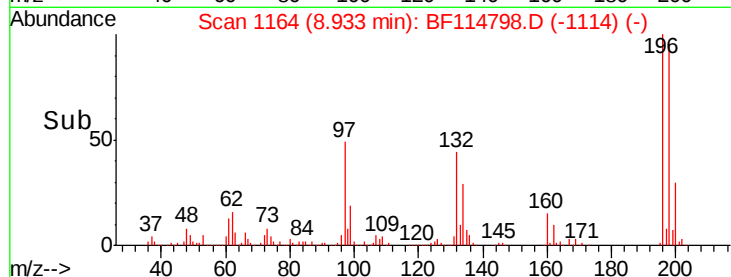
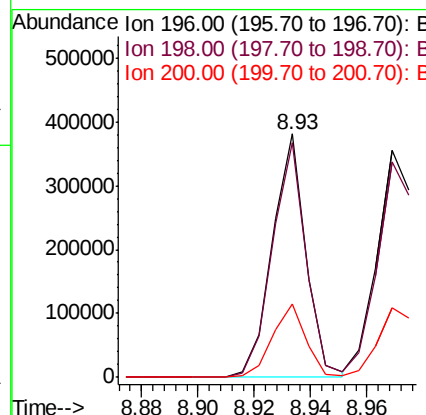
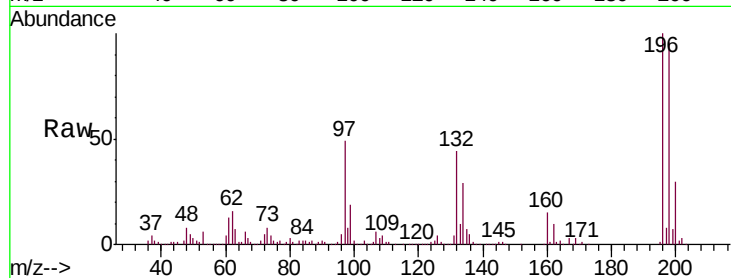




#43
 2,4,6-Trichlorophenol
 Concen: 43.406 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

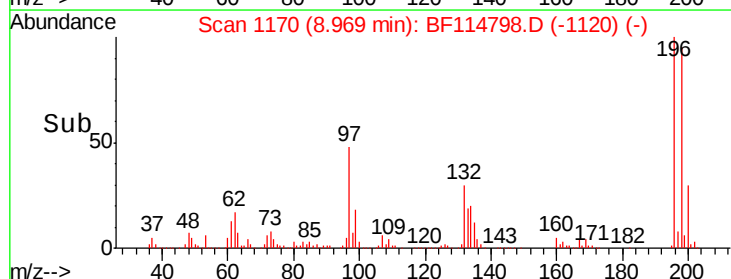
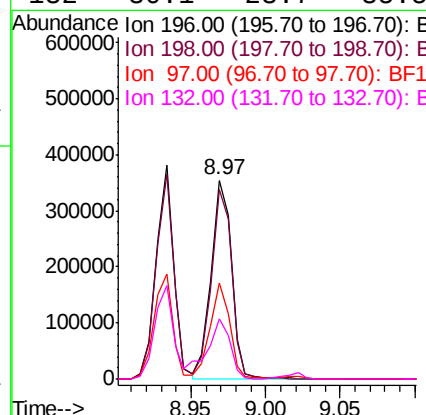
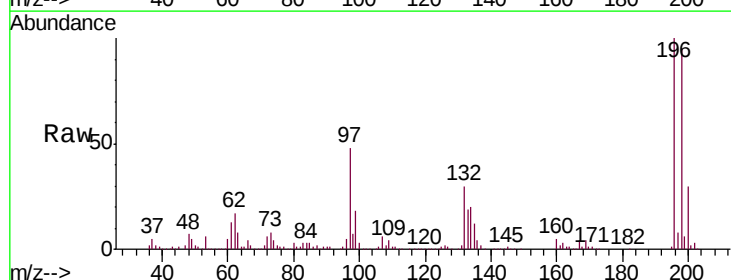
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

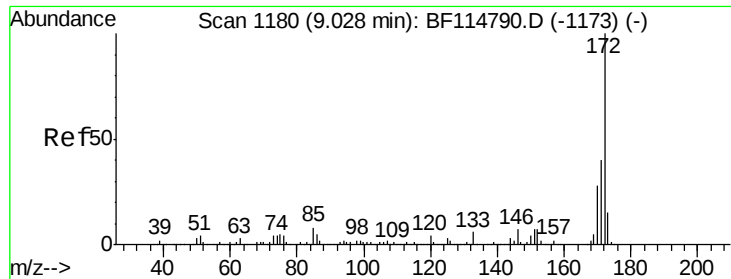
Tgt Ion:196 Resp: 312354
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.1 115.7
 200 30.4 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 46.358 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:196 Resp: 335964
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 97 48.4 38.2 57.4
 132 30.1 23.7 35.5

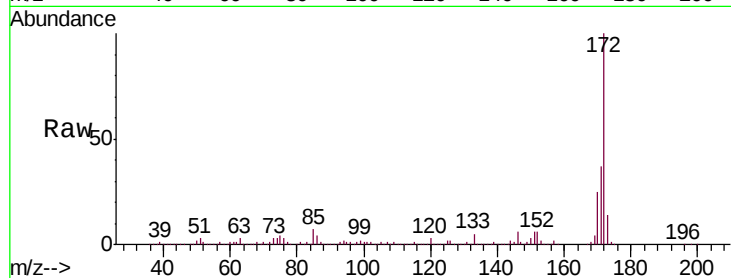




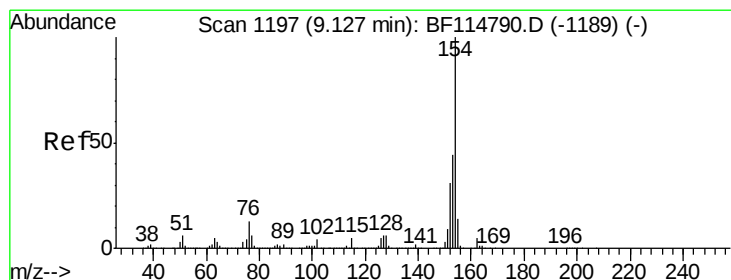
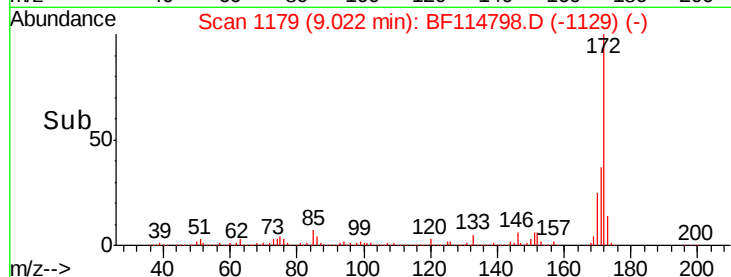
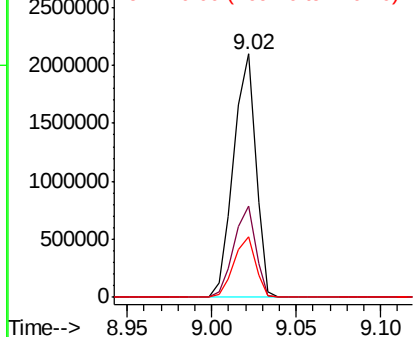
#45
 2-Fluorobiphenyl
 Concen: 112.769 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion:172 Resp: 1933126
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.3 48.5
 170 25.0 22.4 33.6

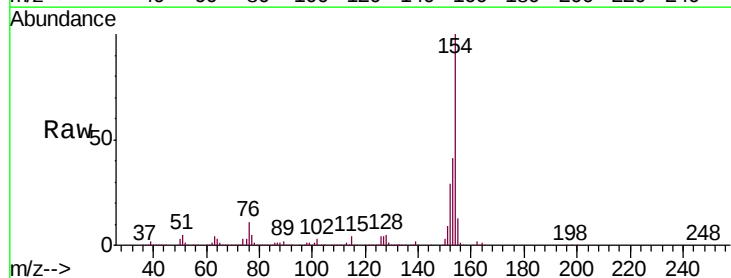


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

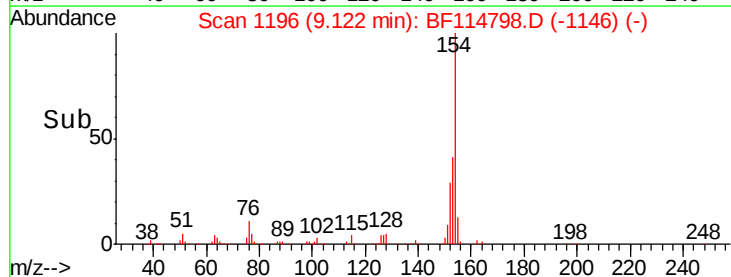
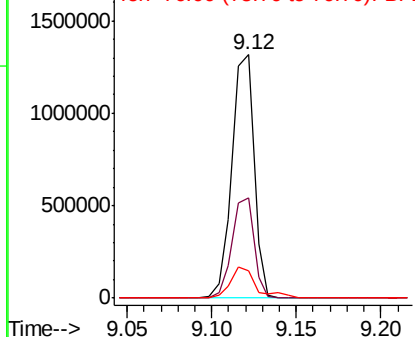


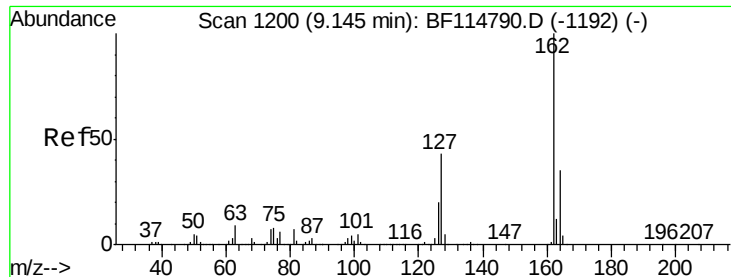
#46
 1,1'-Biphenyl
 Concen: 50.311 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:154 Resp: 1197397
 Ion Ratio Lower Upper
 154 100
 153 41.3 23.9 63.9
 76 11.2 0.0 33.2



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

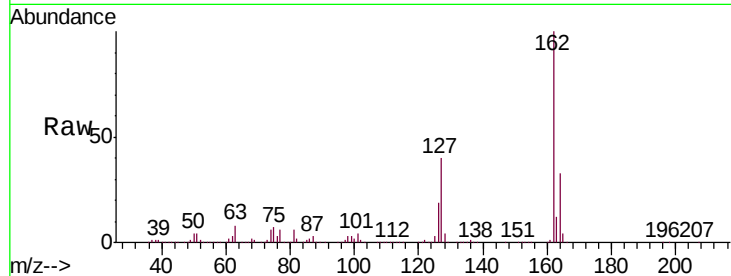




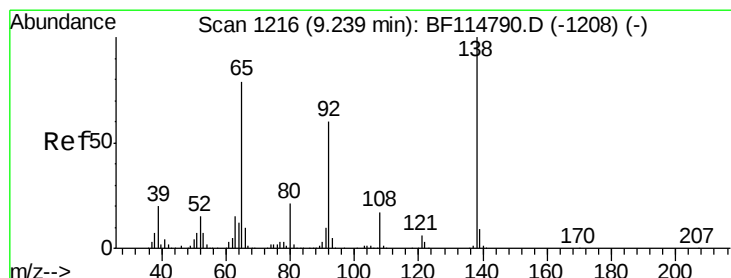
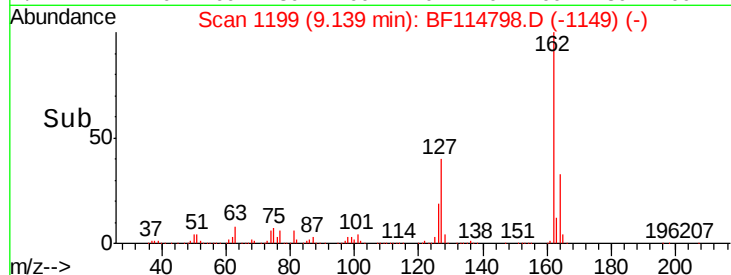
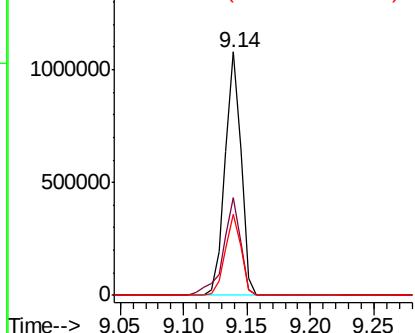
#47
 2-Chloronaphthalene
 Concen: 46.569 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion:	162	Resp:	941784
Ion	Ratio	Lower	Upper
162	100		
127	39.9	34.6	51.8
164	33.3	27.8	41.8

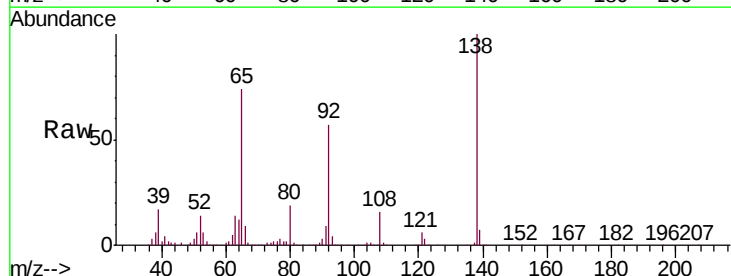


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

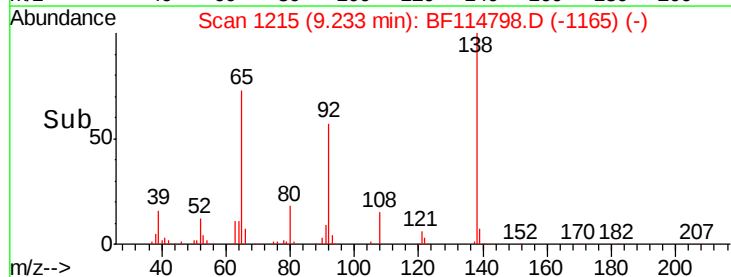
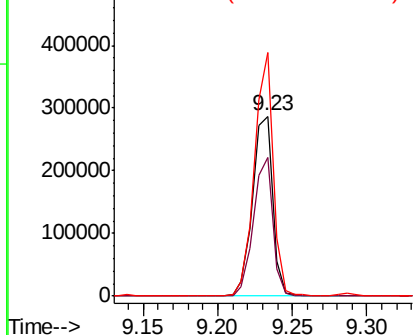


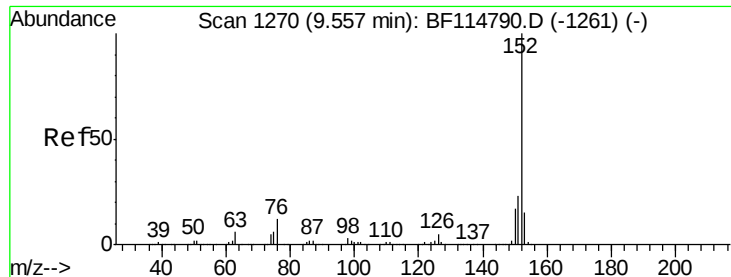
#48
 2-Nitroaniline
 Concen: 44.338 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:	65	Resp:	267585
Ion	Ratio	Lower	Upper
65	100		
92	77.5	60.4	90.6
138	135.5	101.2	151.8



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





#49

Acenaphthylene

Concen: 50.754 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

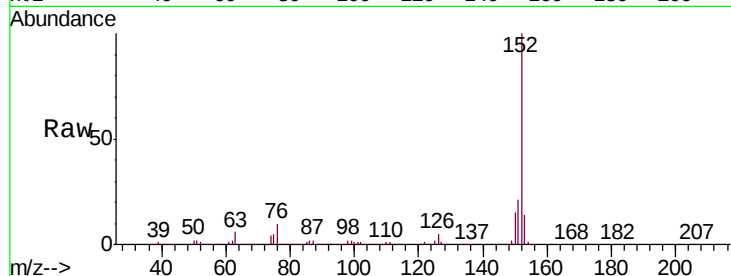
Tgt Ion:152 Resp: 1488483

Ion Ratio Lower Upper

152 100

151 20.7 18.3 27.5

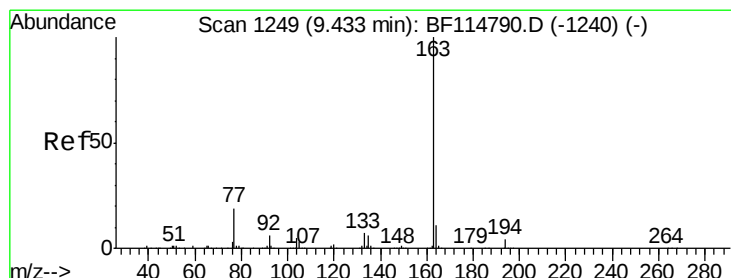
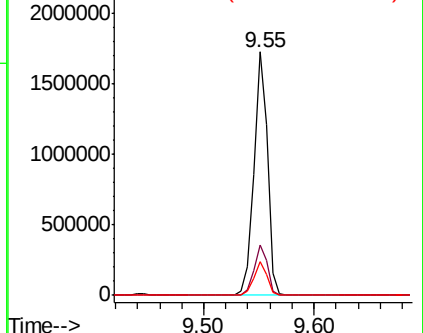
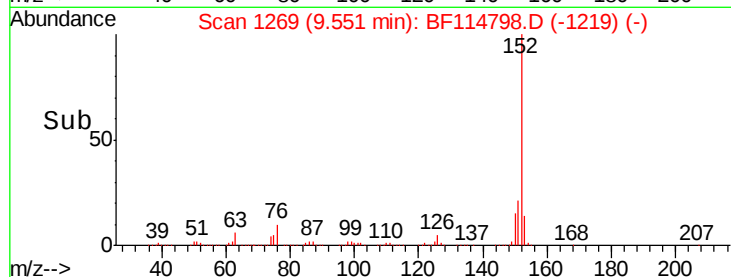
153 14.0 12.3 18.5



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: 47.106 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

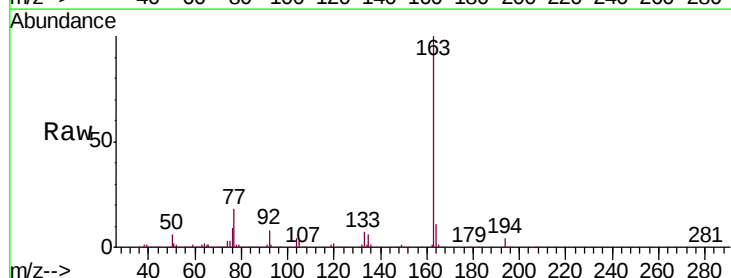
Tgt Ion:163 Resp: 1104810

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

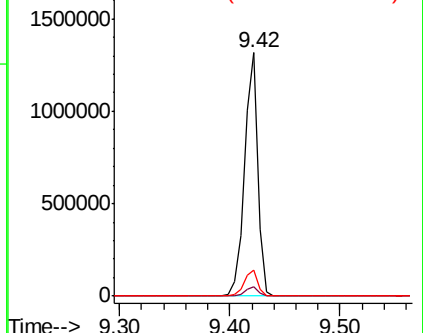
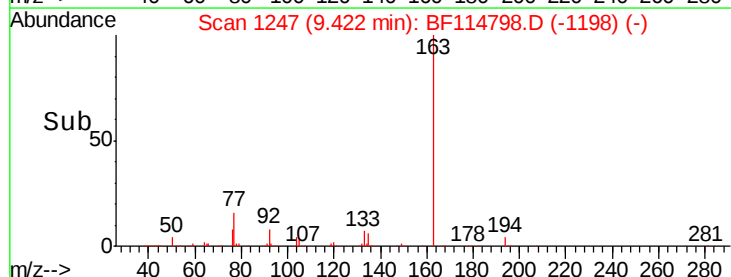
164 10.6 8.6 13.0

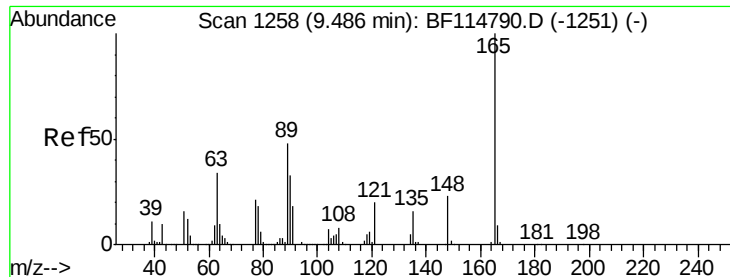


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.663 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

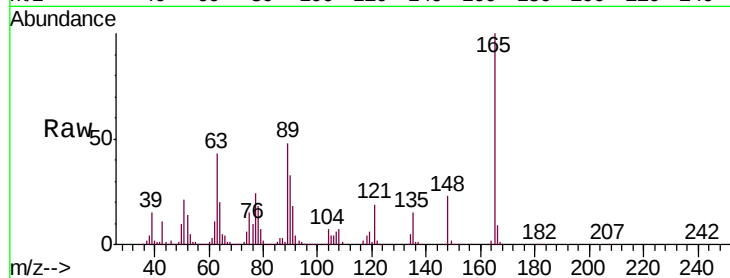
Tgt Ion:165 Resp: 257383

Ion Ratio Lower Upper

165 100

63 43.2 35.1 52.7

89 47.9 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

400000

300000

200000

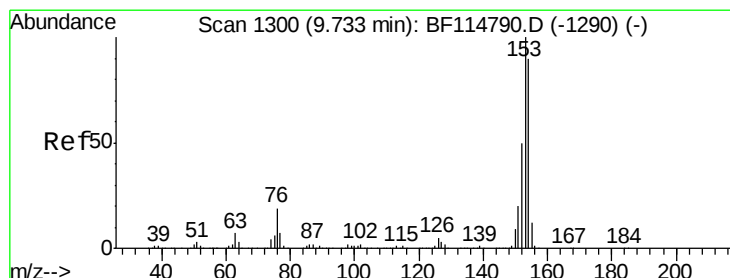
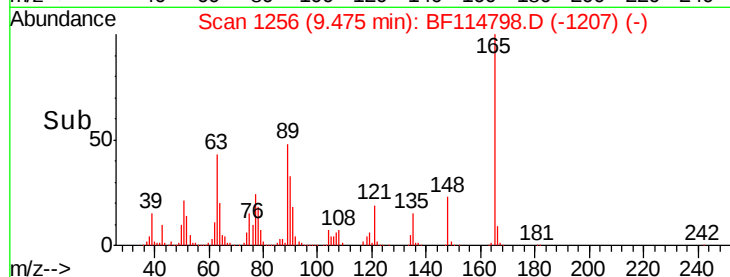
100000

0

9.45 9.50

9.47

Time-->



#52

Acenaphthene

Concen: 50.661 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

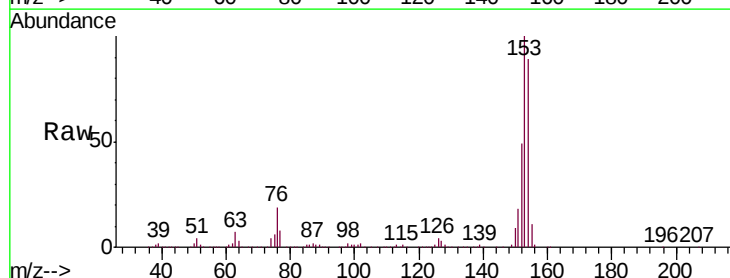
Tgt Ion:154 Resp: 973277

Ion Ratio Lower Upper

154 100

153 112.1 88.5 132.7

152 54.4 44.1 66.1



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

1000000

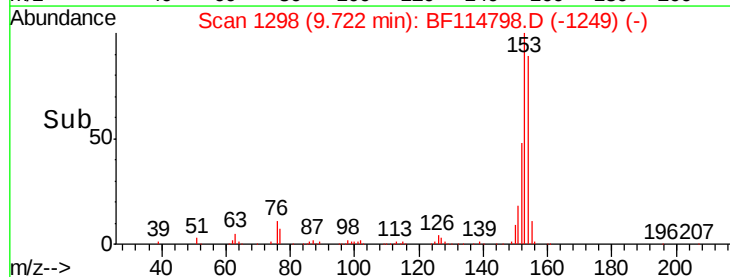
500000

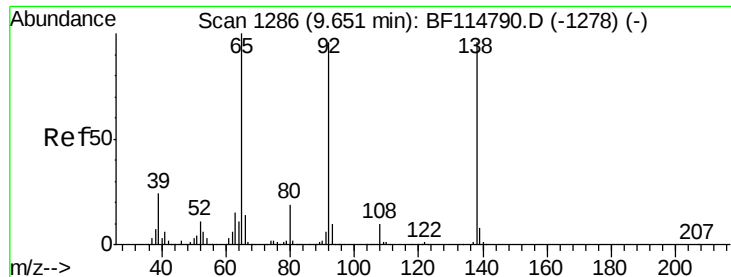
0

9.65 9.70 9.75 9.80

9.72

Time-->

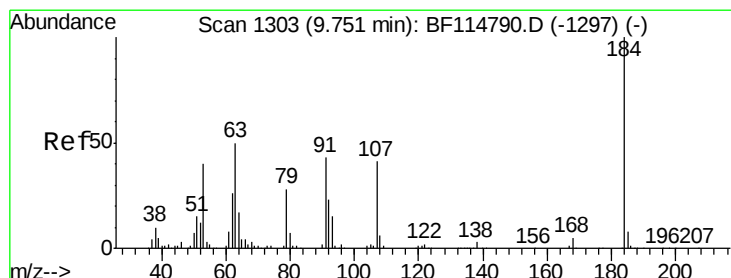
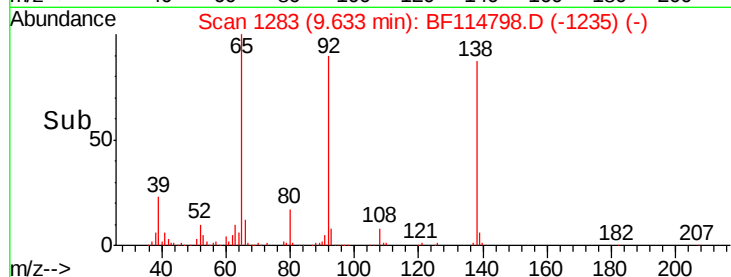
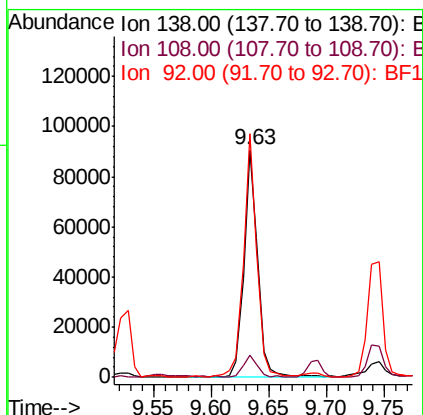
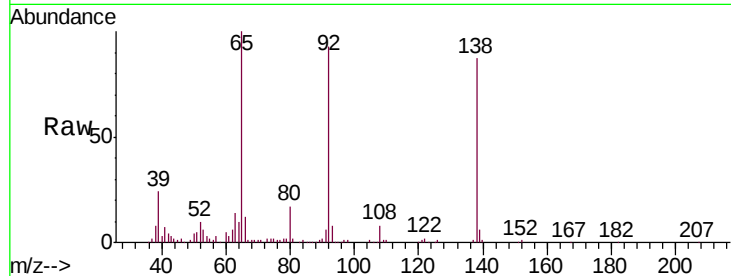




#53
3-Nitroaniline
Concen: 11.783 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

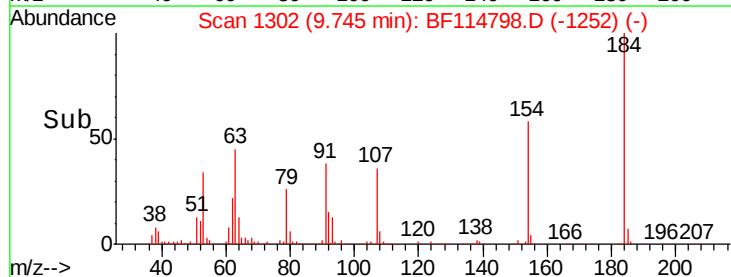
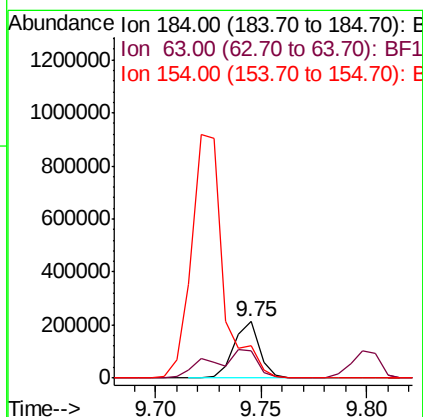
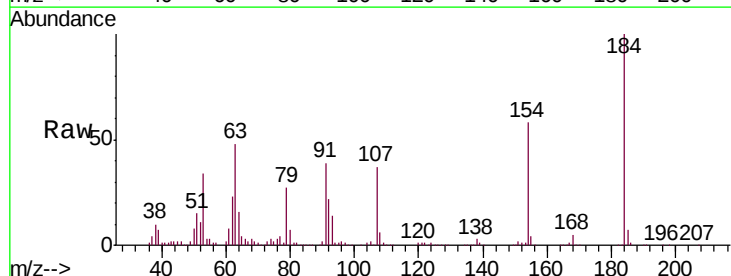
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

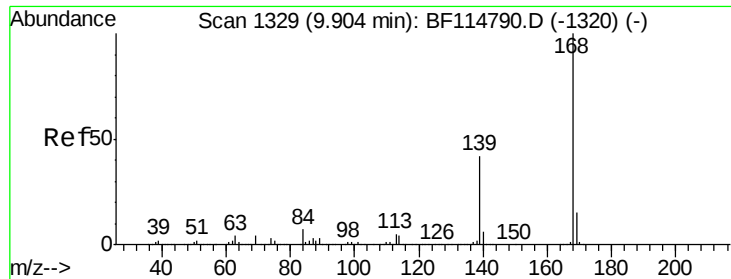
Tgt Ion:138 Resp: 75921
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 107.0 79.9 119.9



#54
2,4-Dinitrophenol
Concen: 71.943 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:184 Resp: 179566
Ion Ratio Lower Upper
184 100
63 48.3 44.1 66.1
154 57.6 48.1 72.1





#55

Dibenzofuran

Concen: 49.684 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

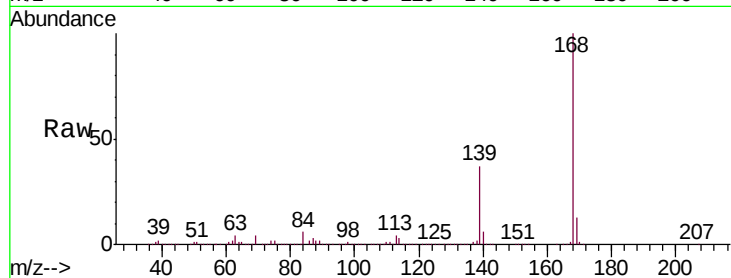
Tgt Ion:168 Resp: 1327273

Ion Ratio Lower Upper

168 100

139 37.3 33.8 50.6

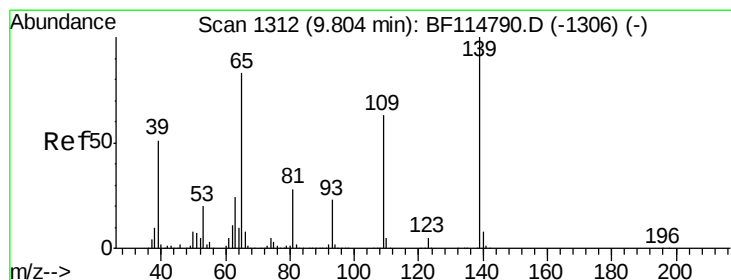
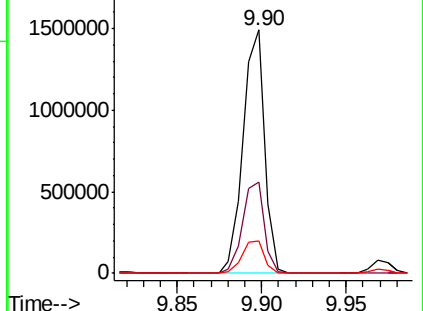
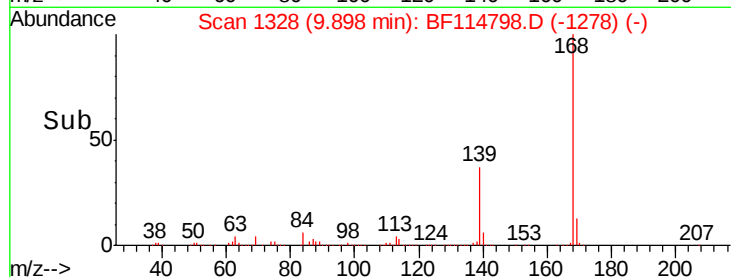
169 13.3 11.9 17.9



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: 91.808 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

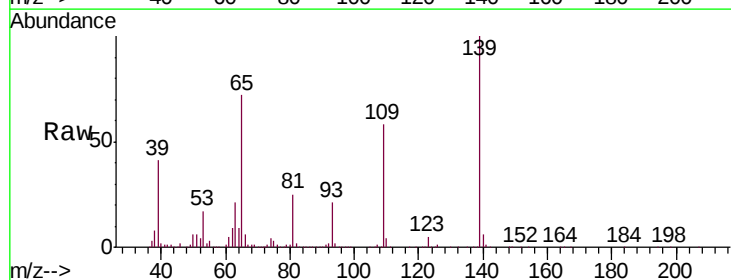
Tgt Ion:139 Resp: 433472

Ion Ratio Lower Upper

139 100

109 58.4 43.5 83.5

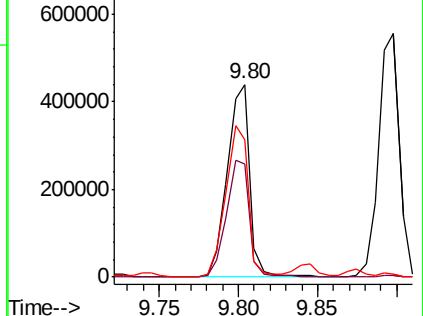
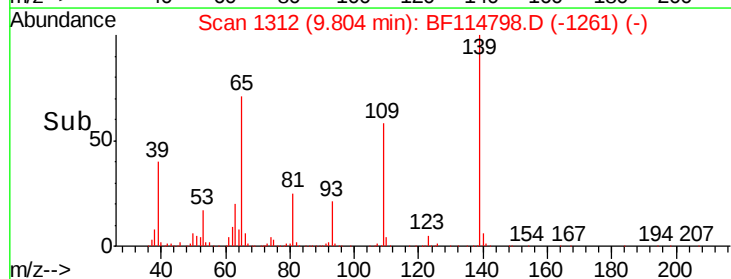
65 71.5 63.2 103.2

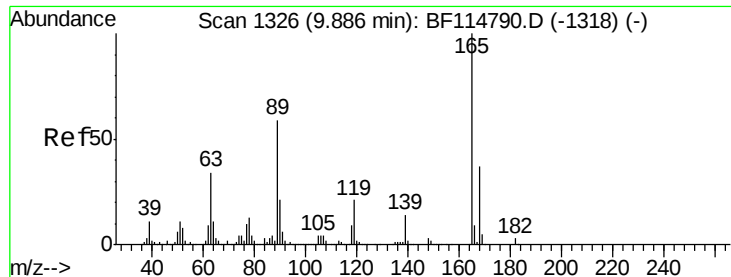


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

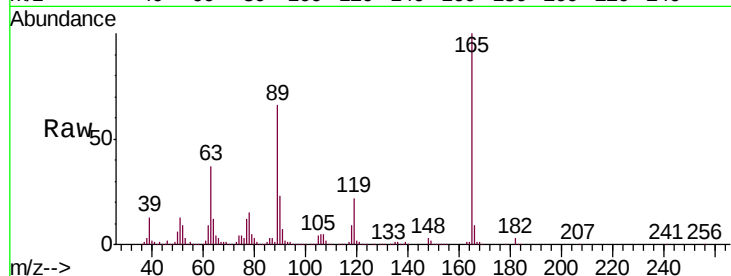




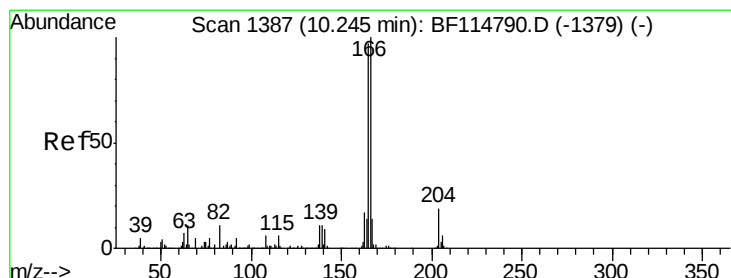
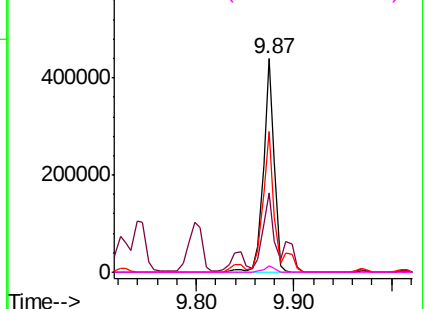
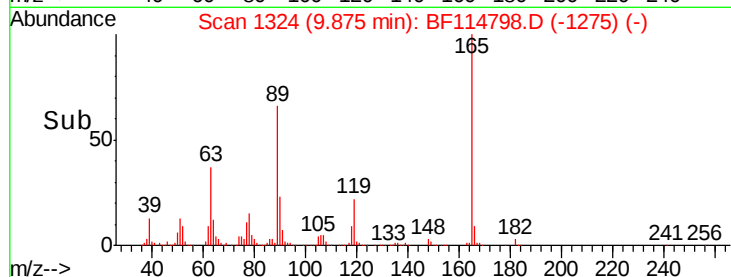
#57
2,4-Dinitrotoluene
Concen: 50.068 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tgt Ion:165 Resp: 347170
Ion Ratio Lower Upper
165 100
63 37.4 27.0 40.4
89 66.1 47.0 70.6
182 2.8 2.2 3.2

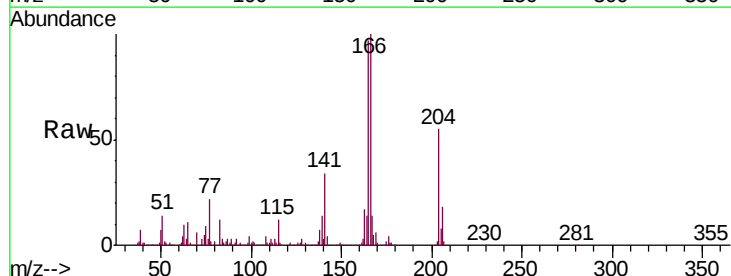


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

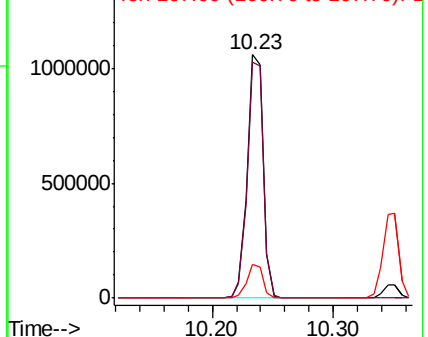
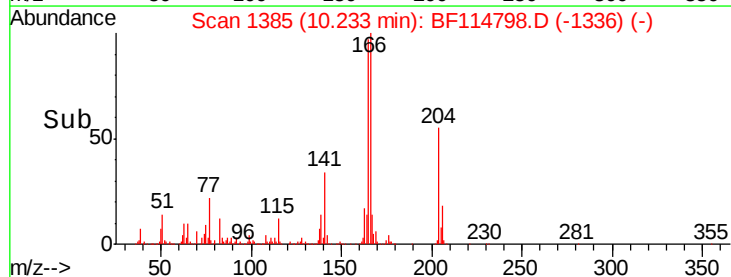


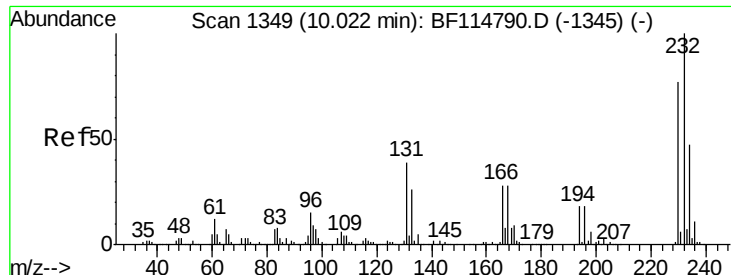
#58
Fluorene
Concen: 60.669 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:166 Resp: 983865
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.7 11.3 16.9



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

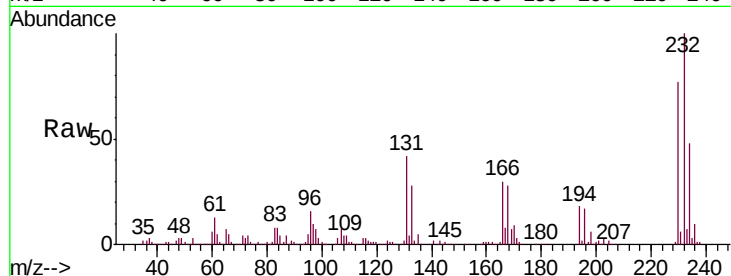




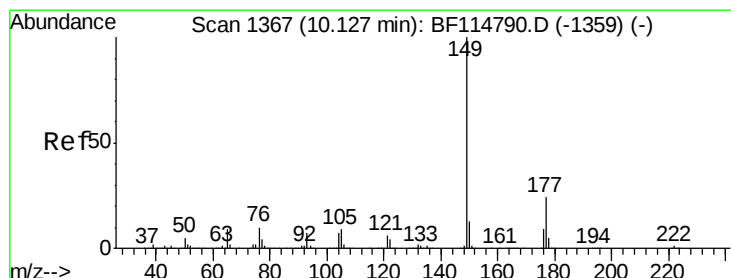
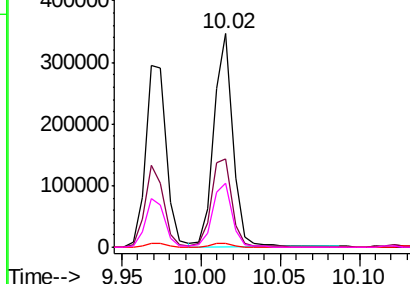
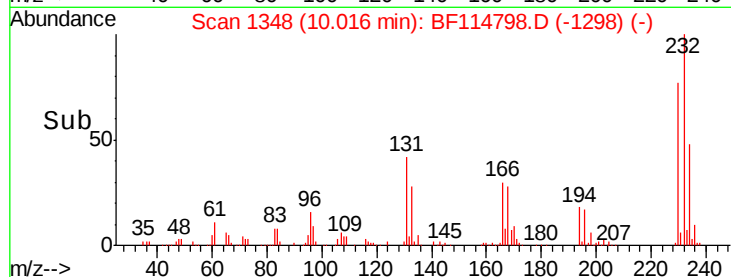
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.479 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion: 232 Resp: 287838
 Ion Ratio Lower Upper
 232 100
 131 46.3 36.8 55.2
 130 2.2 1.8 2.6
 166 31.2 24.6 37.0

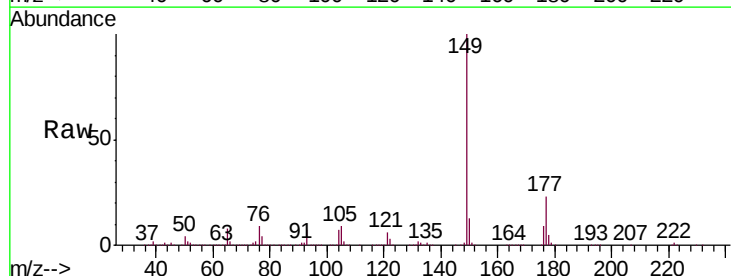


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

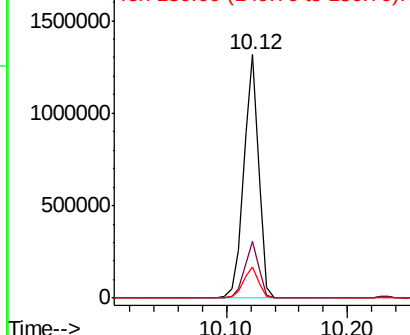
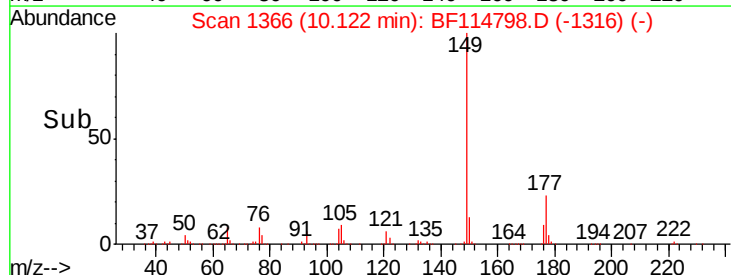


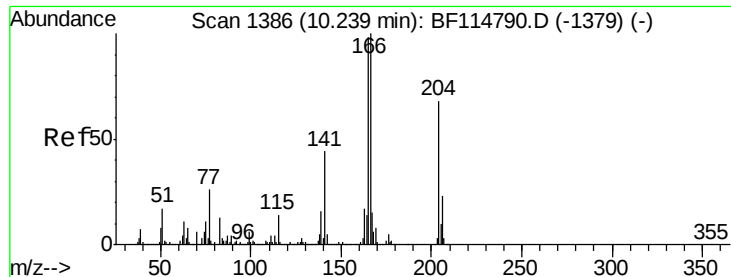
#60
 Diethylphthalate
 Concen: 47.756 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion: 149 Resp: 1123927
 Ion Ratio Lower Upper
 149 100
 177 23.2 19.3 28.9
 150 13.0 10.7 16.1



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

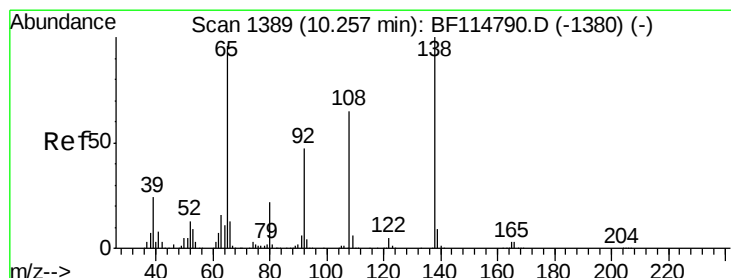
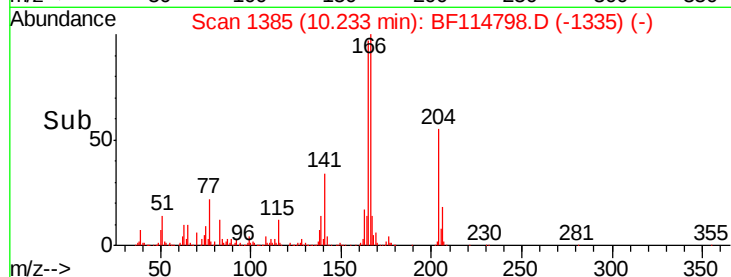
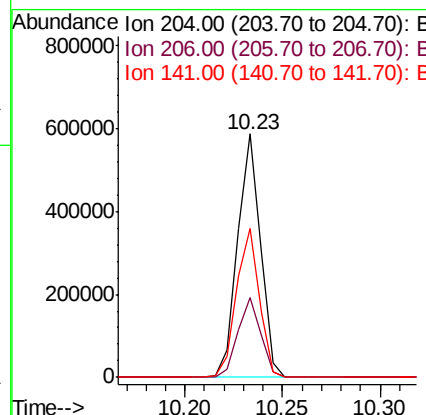
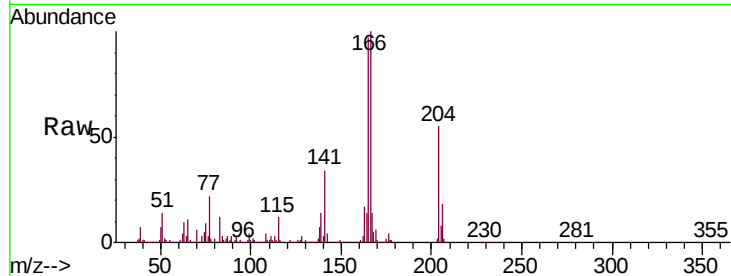




#61
 4-Chlorophenyl-phenylether
 Concen: 46.709 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

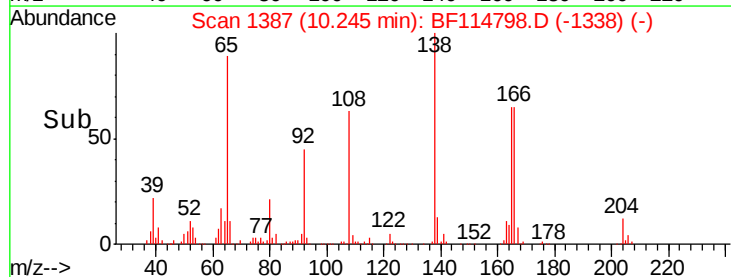
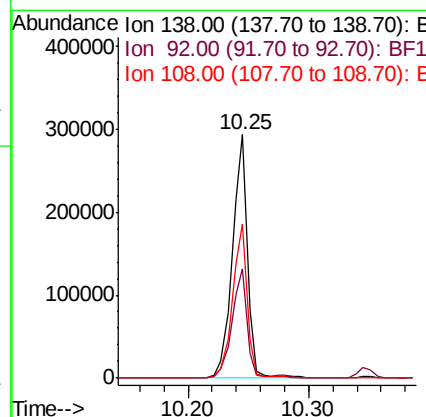
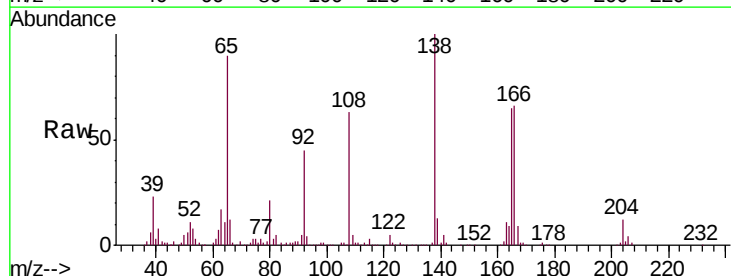
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

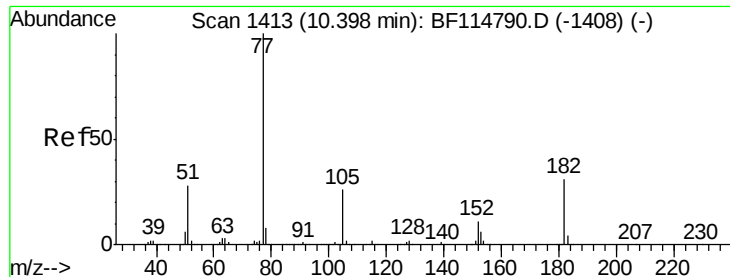
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.1	51.0	76.4



#62
 4-Nitroaniline
 Concen: 40.734 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	26.5	66.5
108	63.1	45.4	85.4





#63

Azobenzene

Concen: 49.370 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

Tgt Ion: 77 Resp: 989043

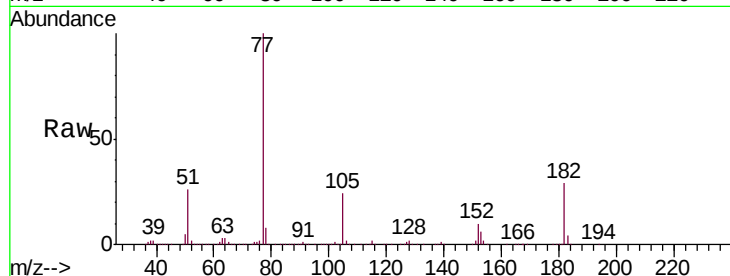
Ion Ratio Lower Upper

77 100

182 28.7 11.2 51.2

105 23.8 5.7 45.7

51 25.9 8.0 48.0

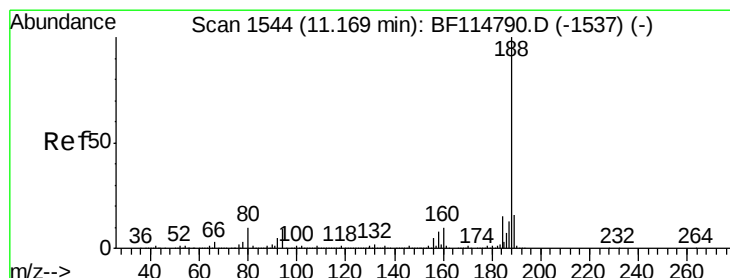
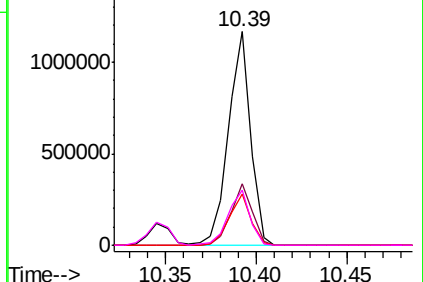
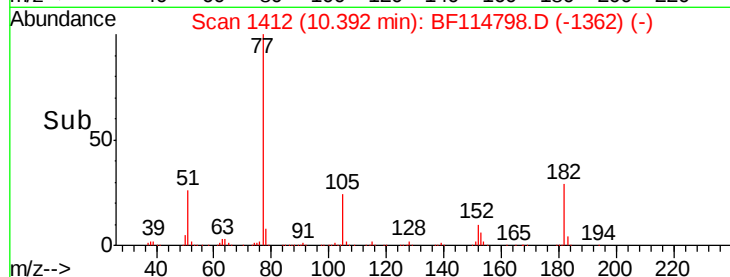


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

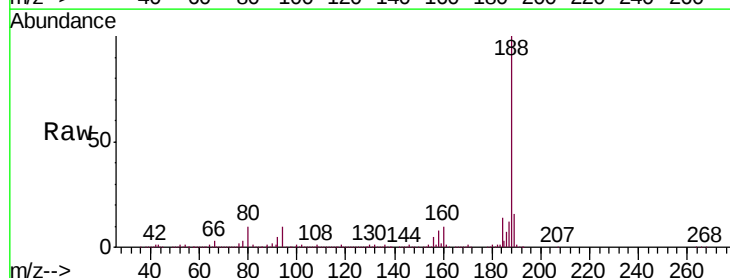
Tgt Ion: 188 Resp: 660748

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

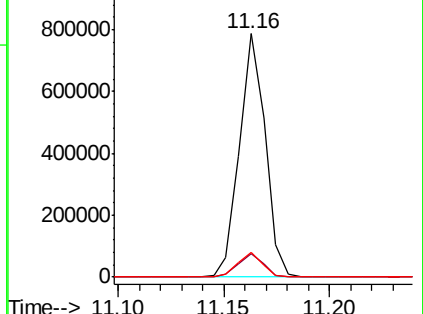
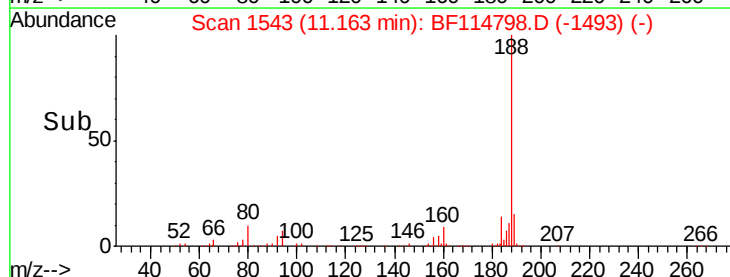
80 10.3 8.3 12.5

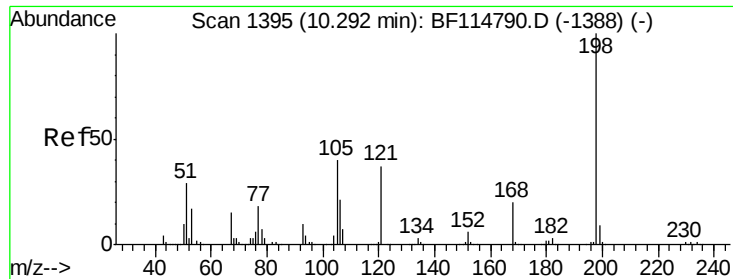


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

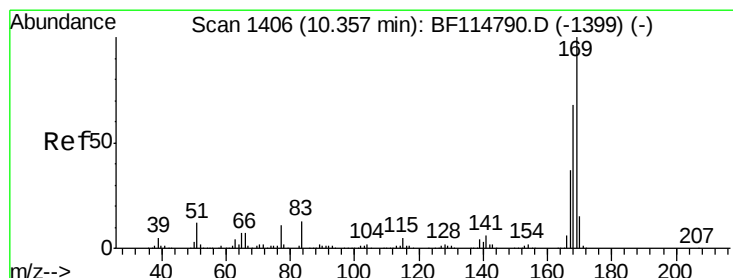
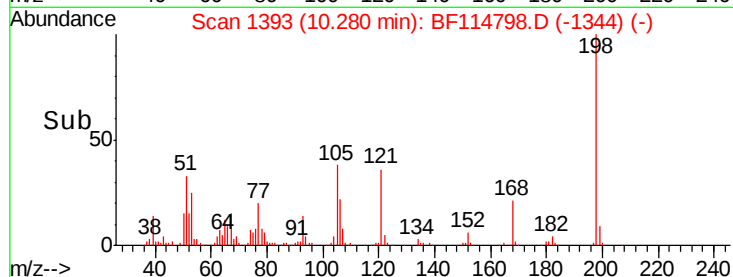
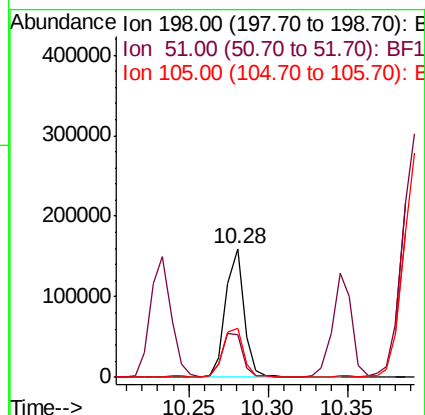
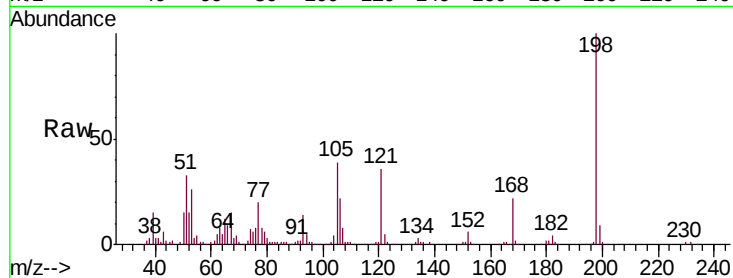




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.969 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

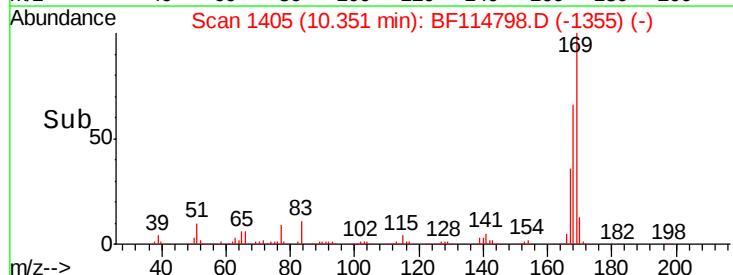
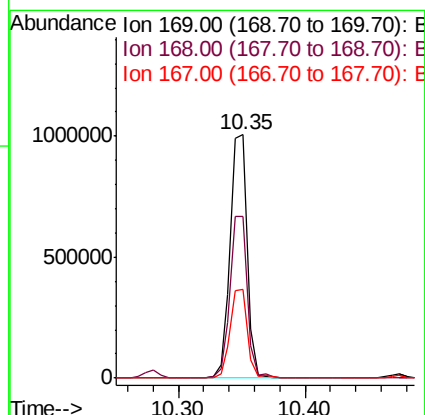
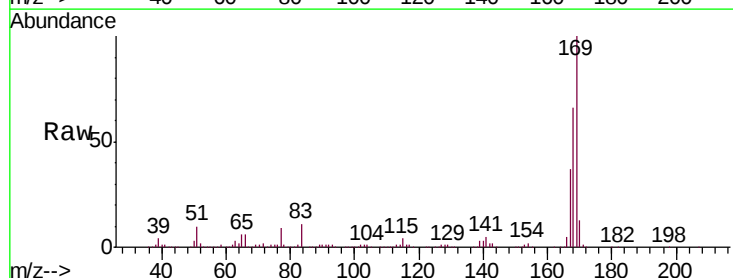
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

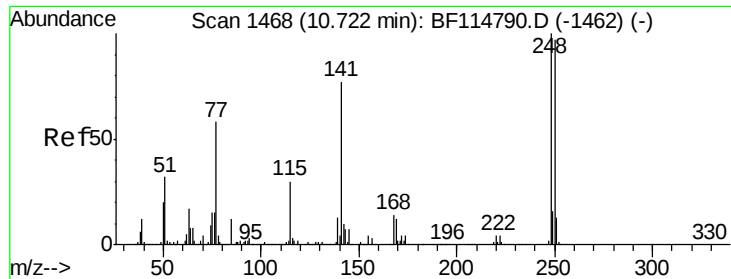
Tgt Ion:198 Resp: 130320
 Ion Ratio Lower Upper
 198 100
 51 33.3 14.9 54.9
 105 38.6 21.0 61.0



#66
 n-Nitrosodiphenylamine
 Concen: 46.461 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:169 Resp: 928268
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.3 81.5
 167 36.5 29.9 44.9

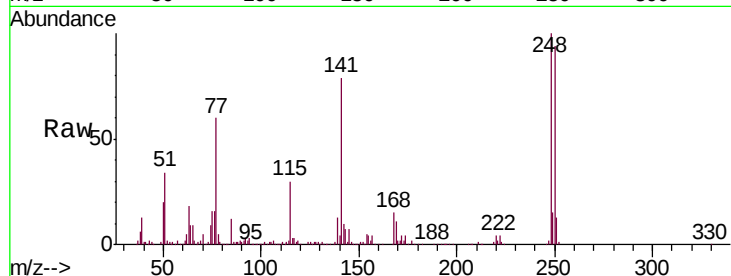




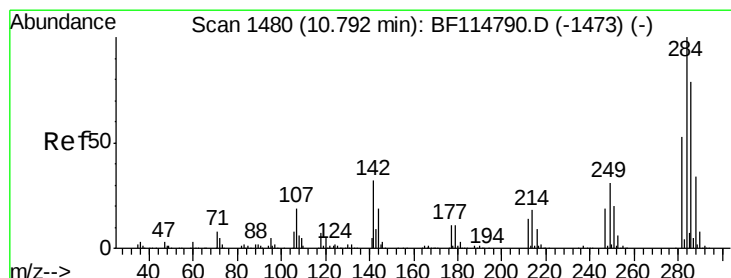
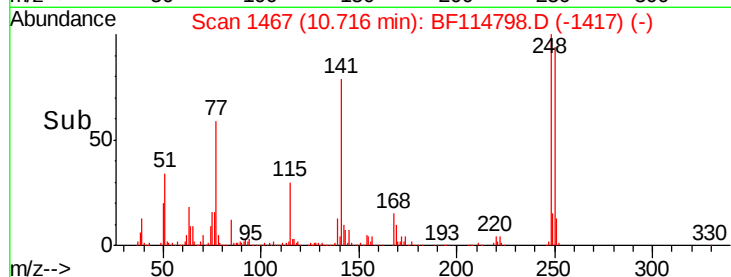
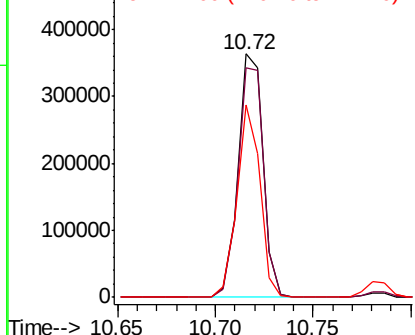
#67
4-Bromophenyl-phenylether
Concen: 42.800 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tgt Ion:248 Resp: 321191
Ion Ratio Lower Upper
248 100
250 94.4 77.5 116.3
141 79.1 61.8 92.8

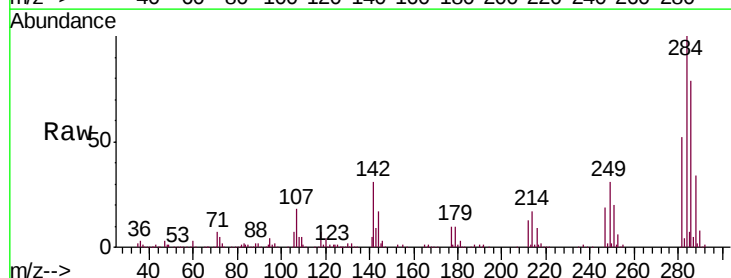


Abundance Ion 248.00 (247.70 to 248.70): E
500000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

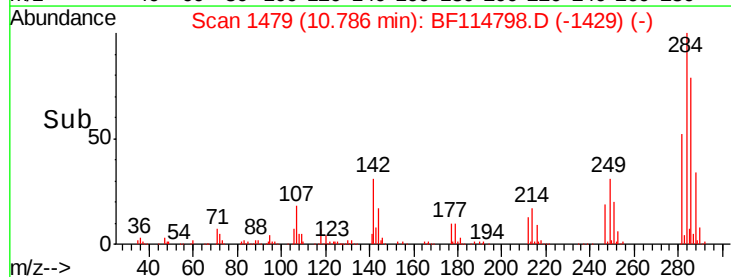
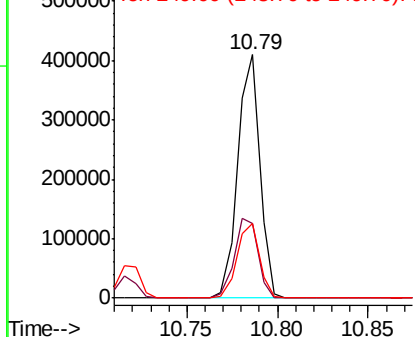


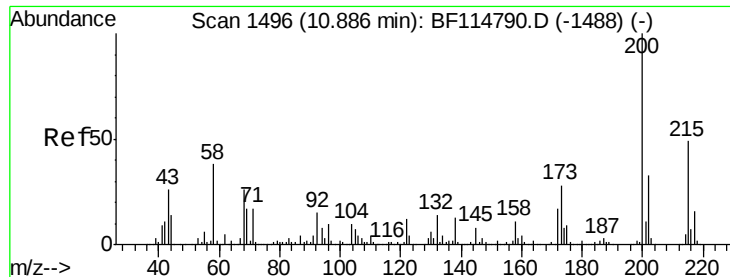
#68
Hexachlorobenzene
Concen: 42.470 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:284 Resp: 348806
Ion Ratio Lower Upper
284 100
142 30.8 25.3 37.9
249 30.5 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
500000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

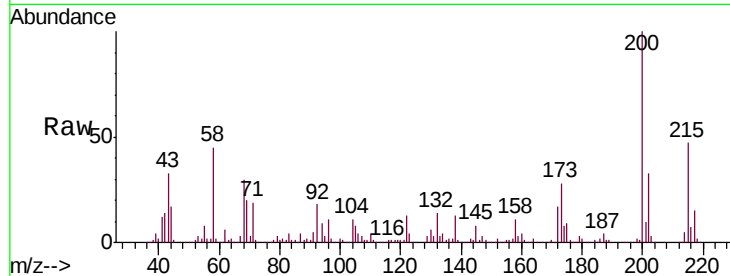




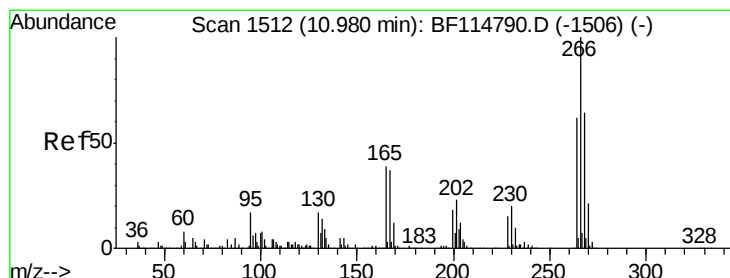
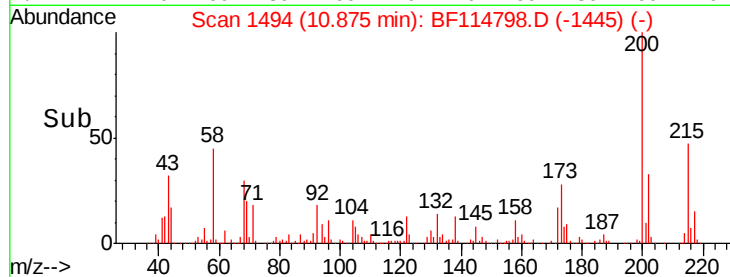
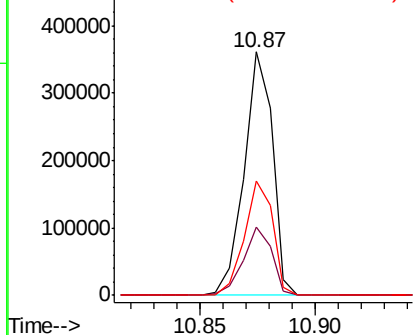
#69
 Atrazine
 Concen: 44.790 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.0	48.0
215	46.8	28.7	68.7

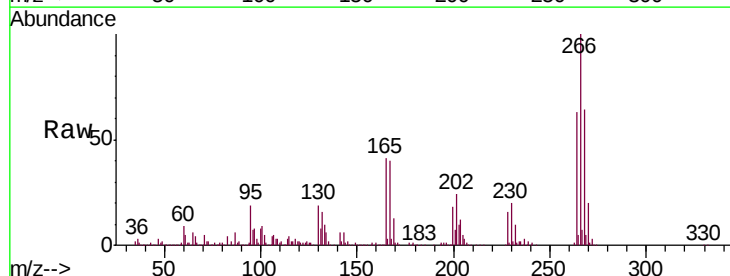


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

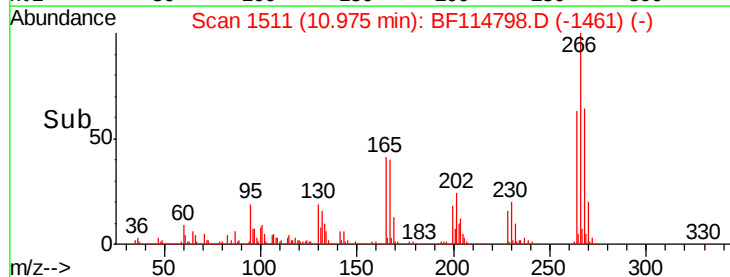
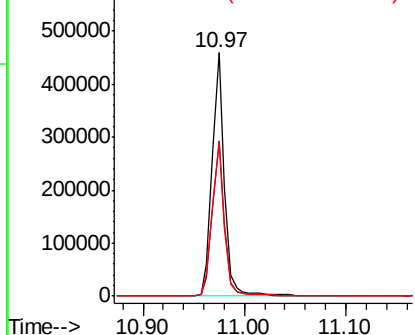


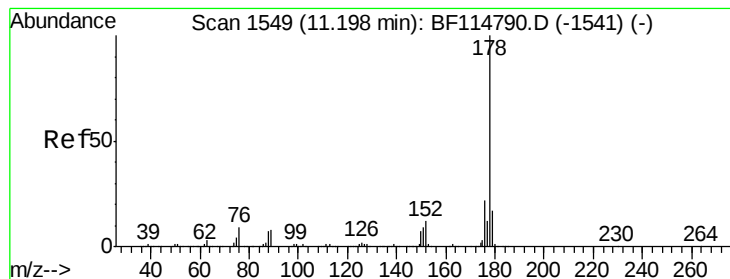
#70
 Pentachlorophenol
 Concen: 82.470 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.0	76.6
264	63.3	49.6	74.4



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





#71

Phenanthrene

Concen: 51.666 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

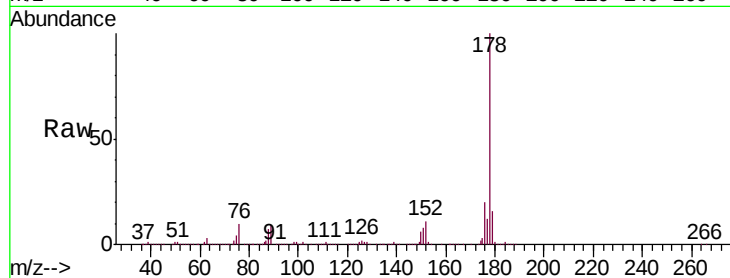
Tgt Ion:178 Resp: 1629730

Ion Ratio Lower Upper

178 100

176 20.2 17.7 26.5

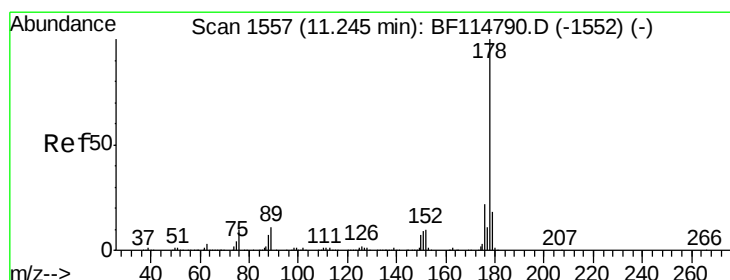
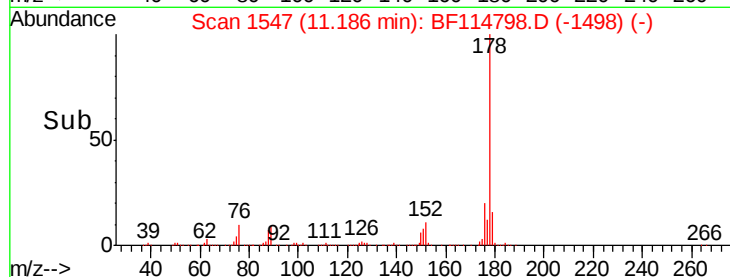
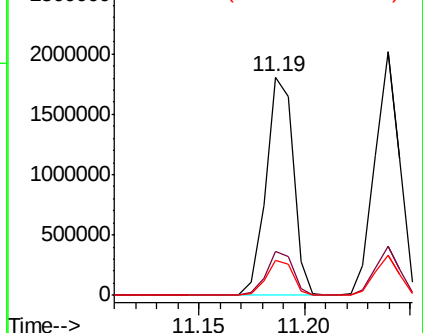
179 16.2 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.025 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

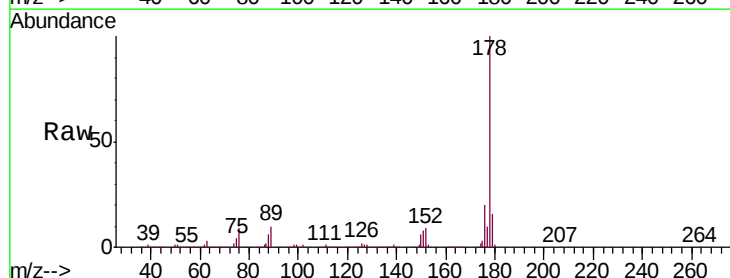
Tgt Ion:178 Resp: 1660645

Ion Ratio Lower Upper

178 100

176 20.3 17.4 26.0

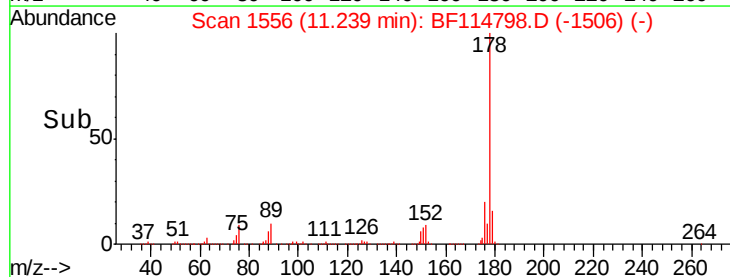
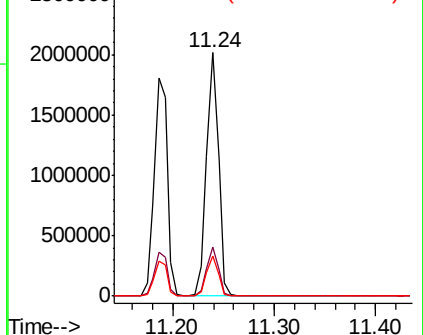
179 16.4 14.2 21.4

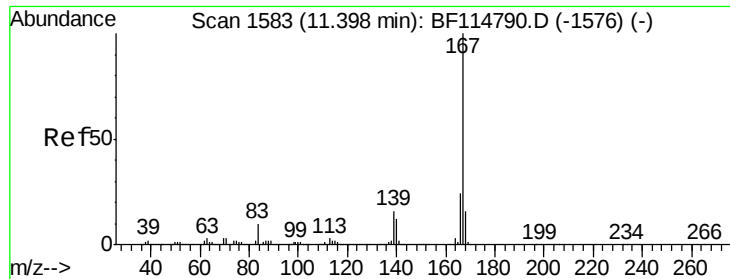


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

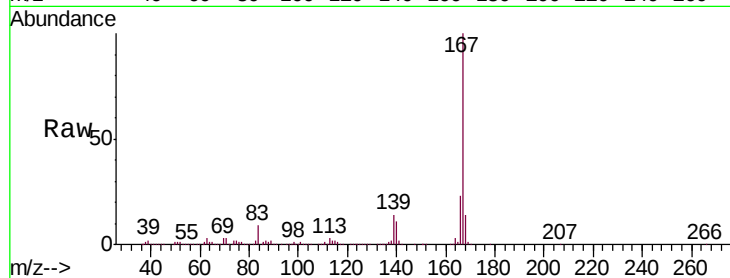




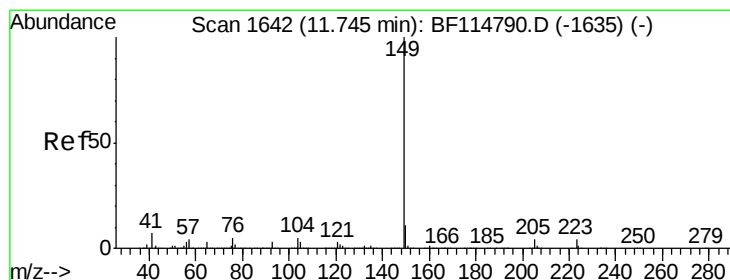
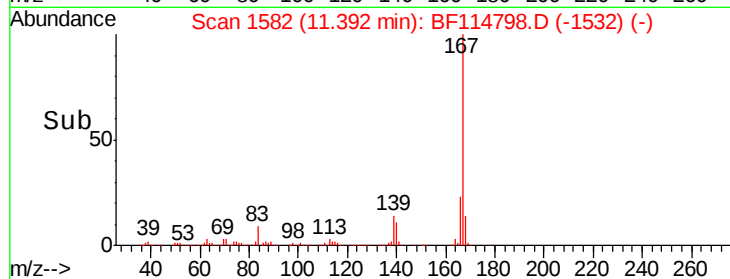
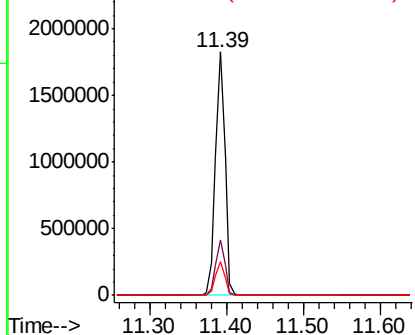
#73
 Carbazole
 Concen: 53.343 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-AMSD

Tgt Ion:167 Resp: 1517996
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.1 28.7
 139 13.9 12.4 18.6

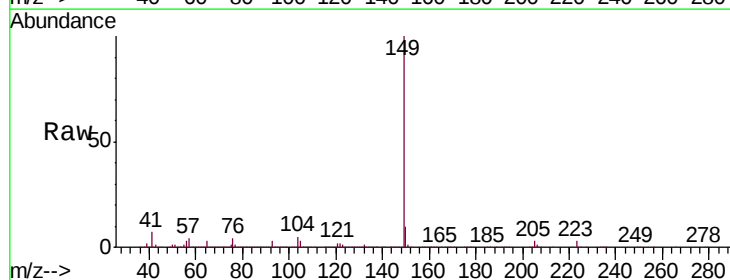


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

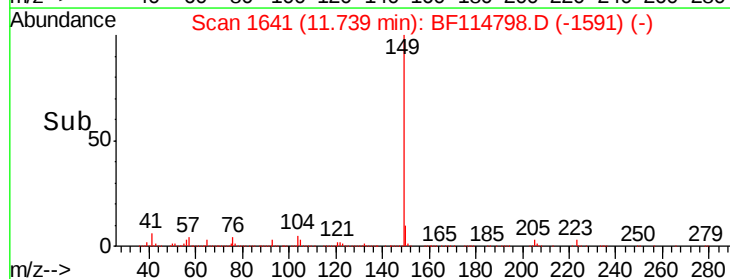
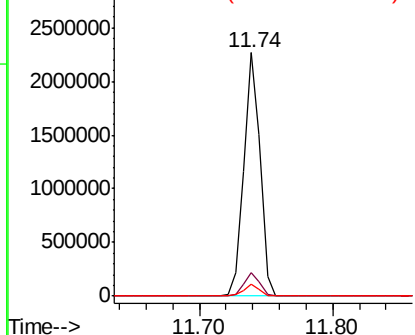


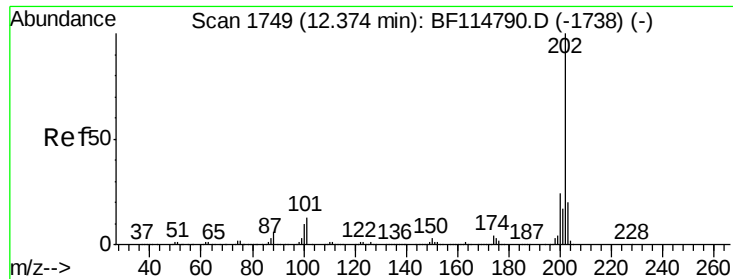
#74
 Di-n-butylphthalate
 Concen: 50.636 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF114798.D
 Acq: 4 Jun 2019 18:34

Tgt Ion:149 Resp: 1895267
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.9 13.3
 104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.131 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

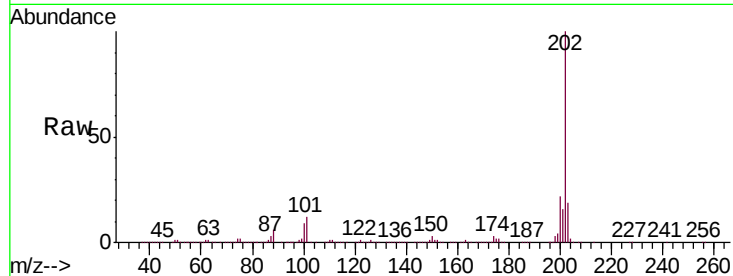
Tgt Ion:202 Resp: 1744327

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.8

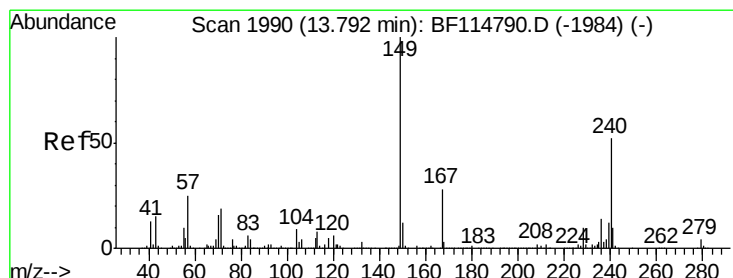
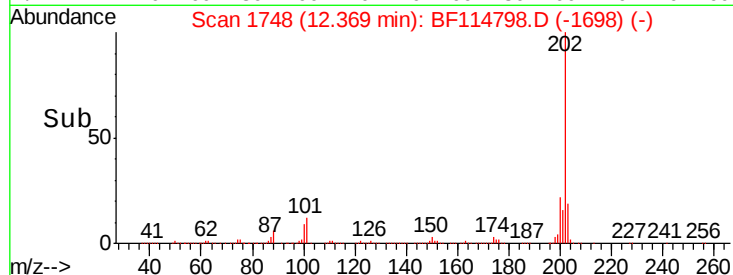
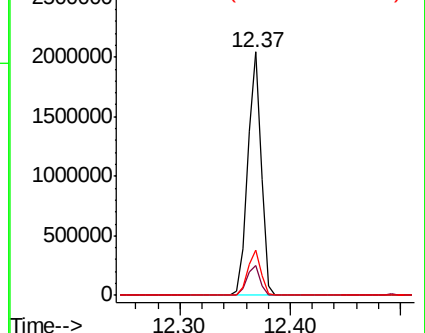
203 18.5 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

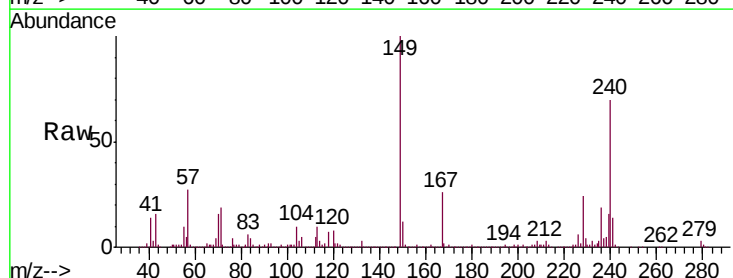
Tgt Ion:240 Resp: 547727

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

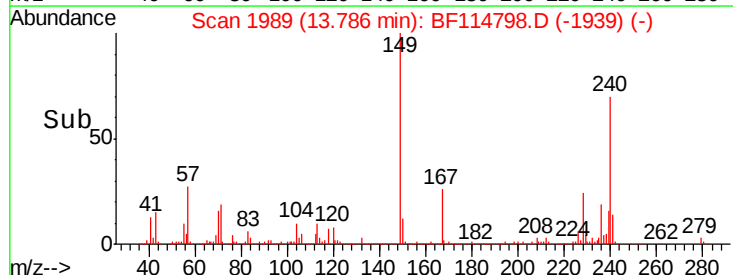
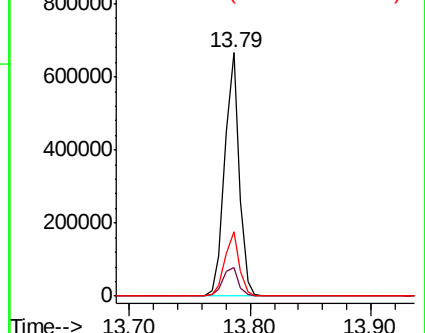
236 26.4 21.4 32.0

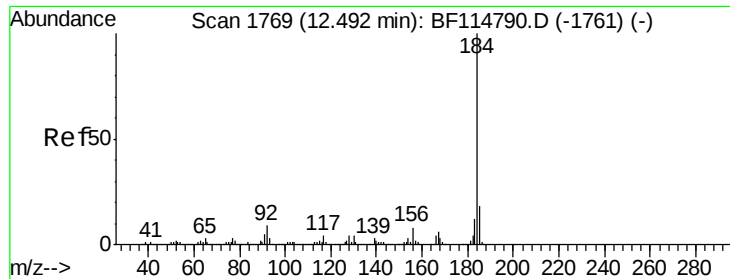


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.310 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

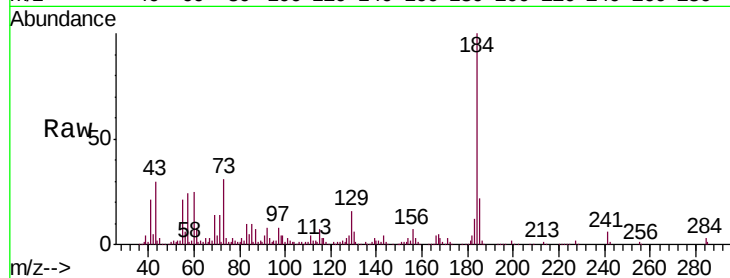
Tgt Ion:184 Resp: 225315

Ion Ratio Lower Upper

184 100

185 21.5 14.1 21.1#

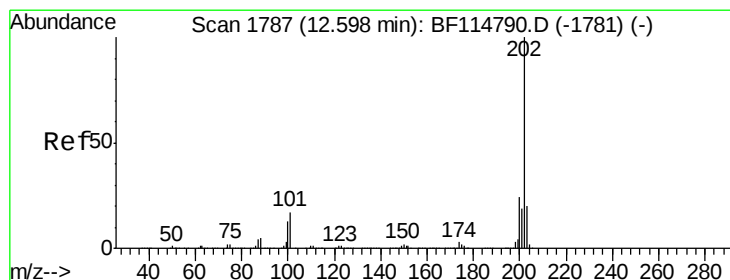
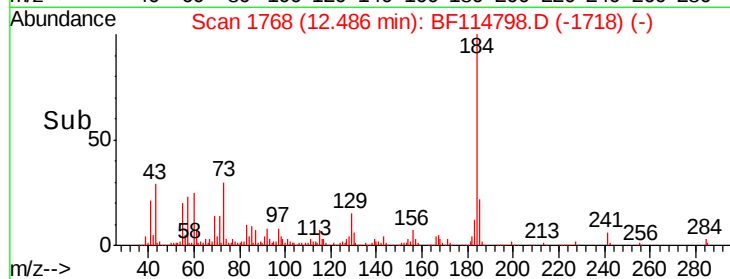
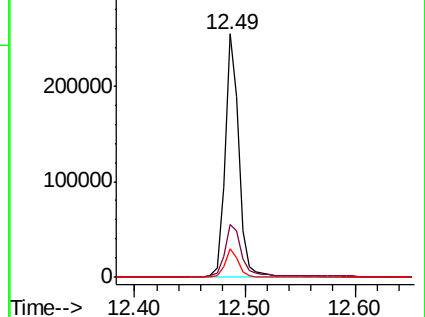
183 11.8 9.9 14.9



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: 38.153 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

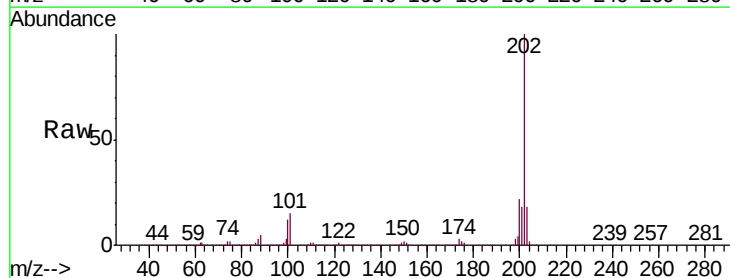
Tgt Ion:202 Resp: 1812890

Ion Ratio Lower Upper

202 100

200 22.4 19.2 28.8

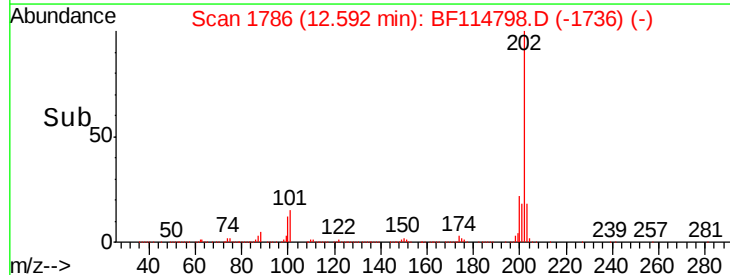
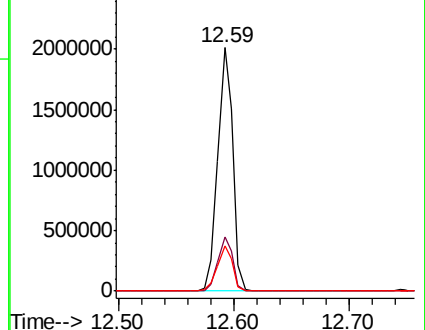
203 18.5 15.9 23.9

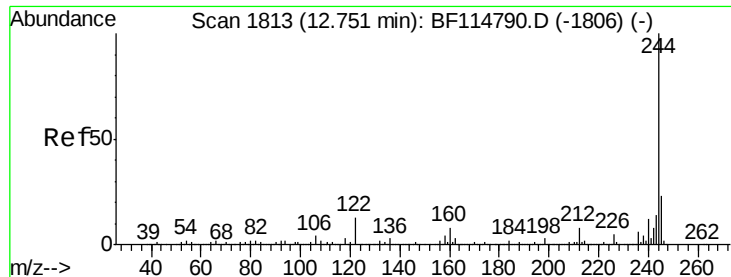


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.680 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

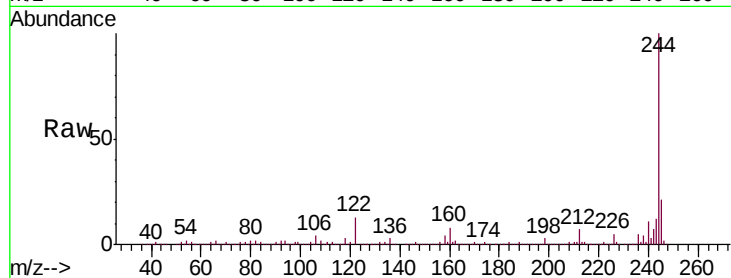
Tgt Ion:244 Resp: 2469429

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

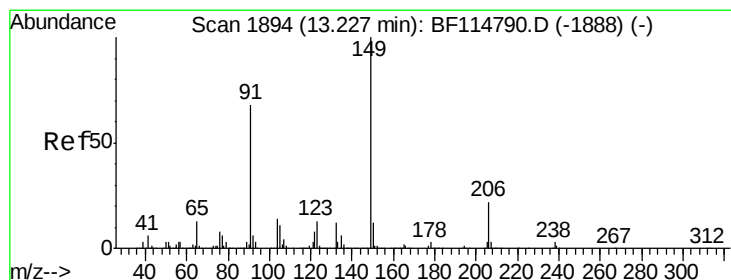
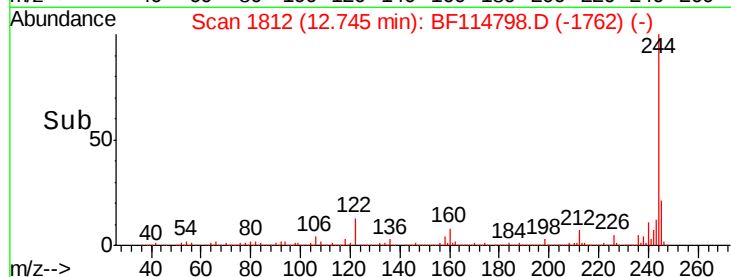
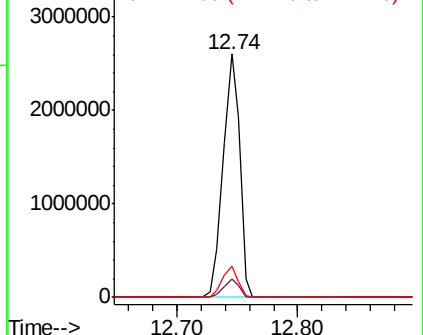
122 12.7 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.109 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

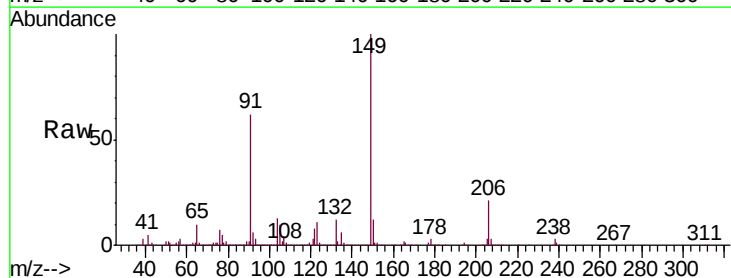
Tgt Ion:149 Resp: 914406

Ion Ratio Lower Upper

149 100

91 62.2 54.6 82.0

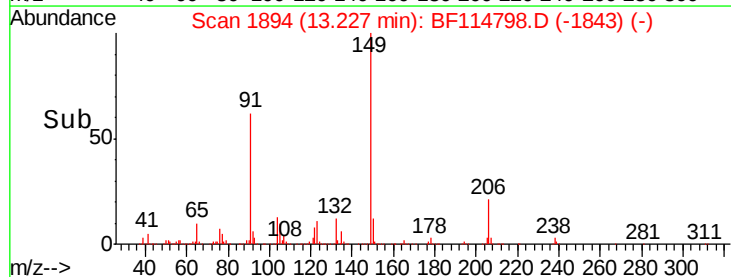
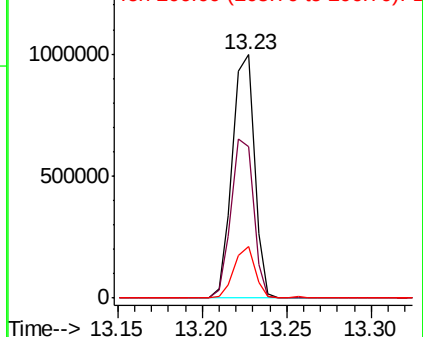
206 21.4 17.2 25.8

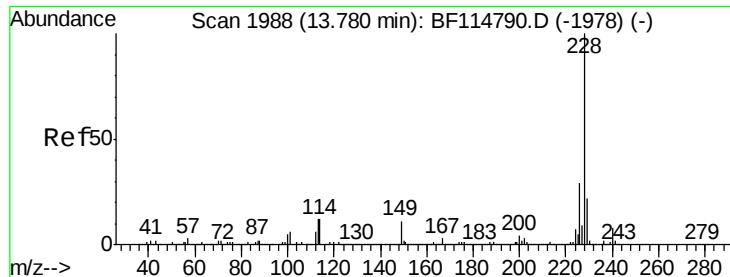


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.660 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

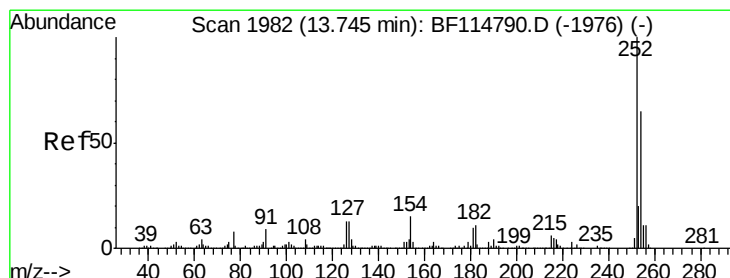
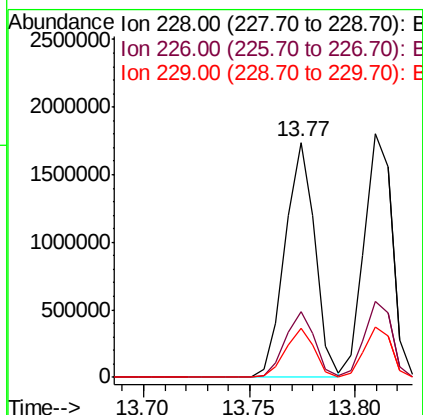
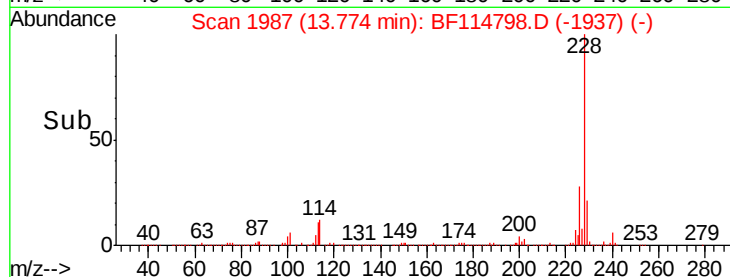
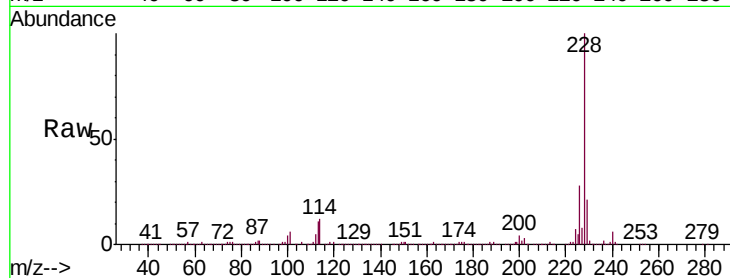
Tgt Ion:228 Resp: 1716183

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

229 20.6 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 12.027 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

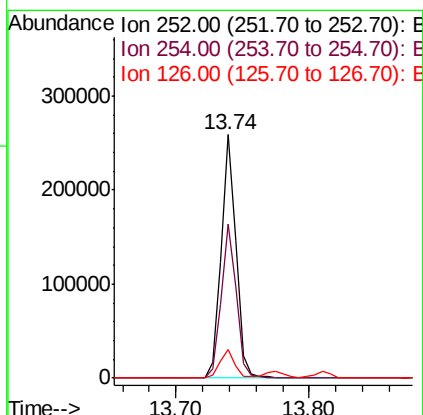
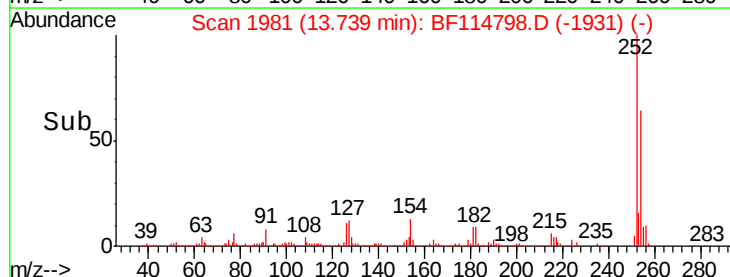
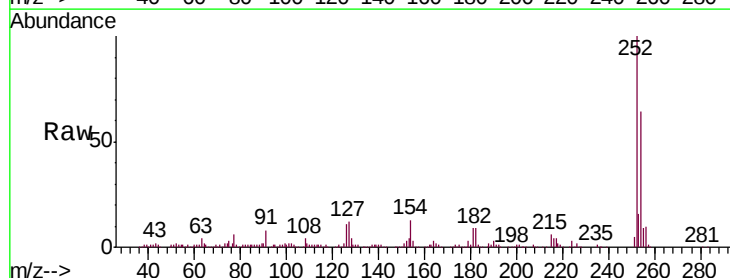
Tgt Ion:252 Resp: 205843

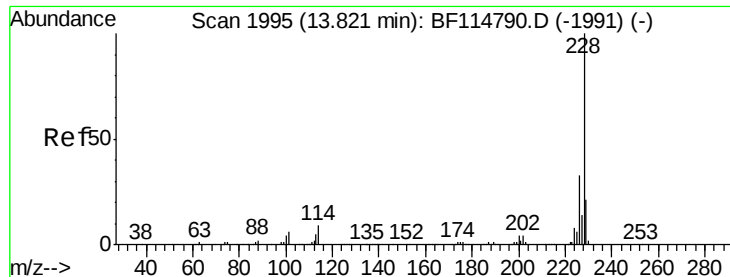
Ion Ratio Lower Upper

252 100

254 63.5 51.9 77.9

126 11.5 10.5 15.7





#83

Chrysene

Concen: 40.725 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

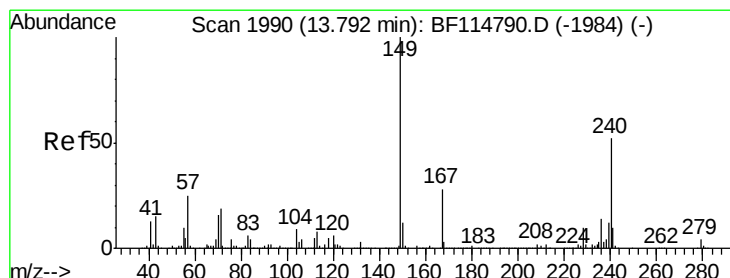
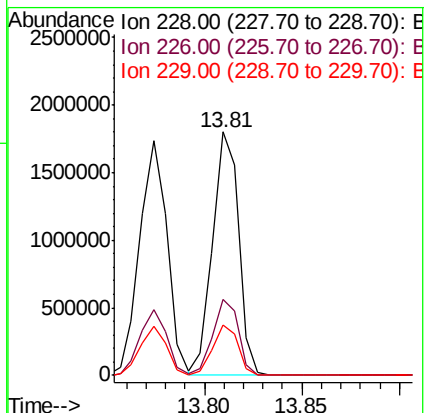
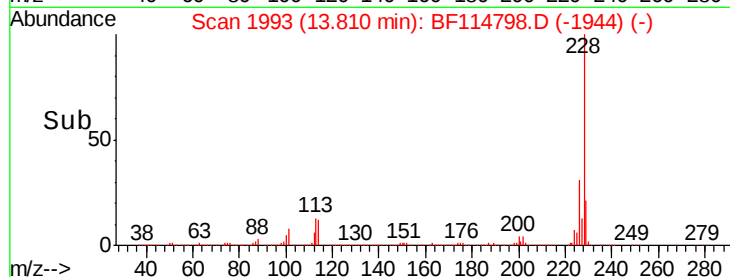
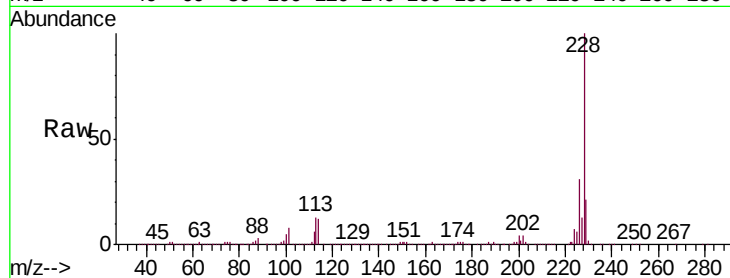
Tgt Ion:228 Resp: 1672161

Ion Ratio Lower Upper

228 100

226 30.9 26.0 39.0

229 20.9 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.650 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

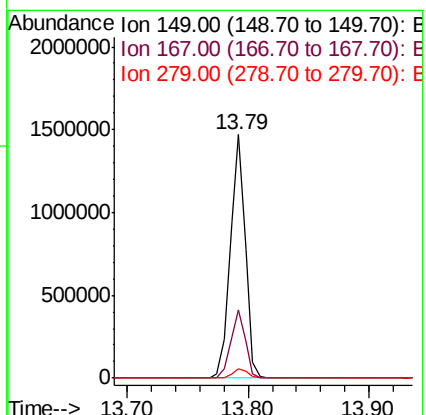
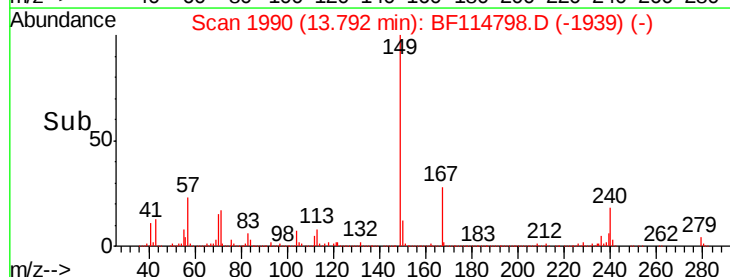
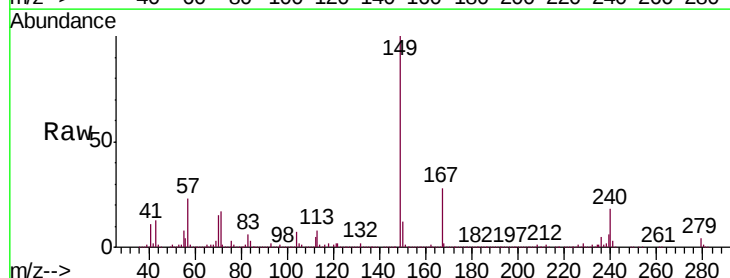
Tgt Ion:149 Resp: 1263703

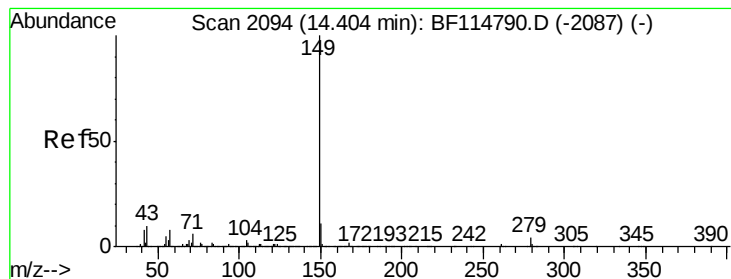
Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 42.526 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

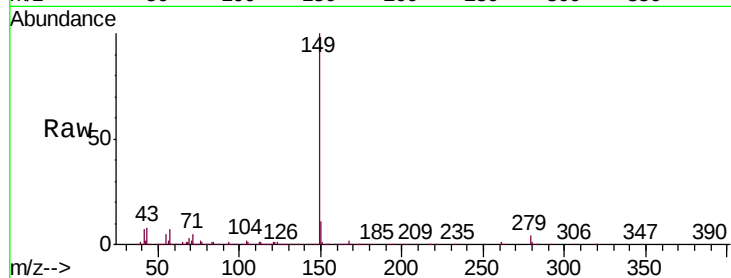
Tgt Ion:149 Resp: 2192425

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

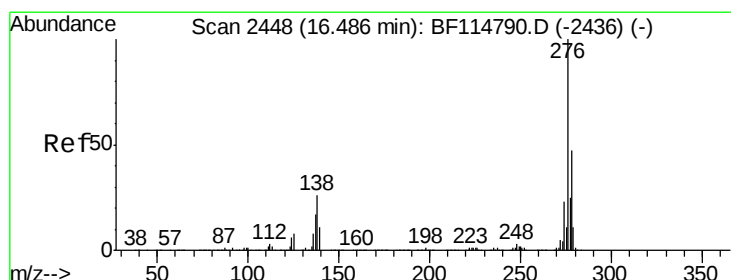
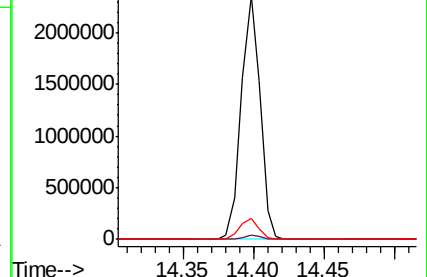
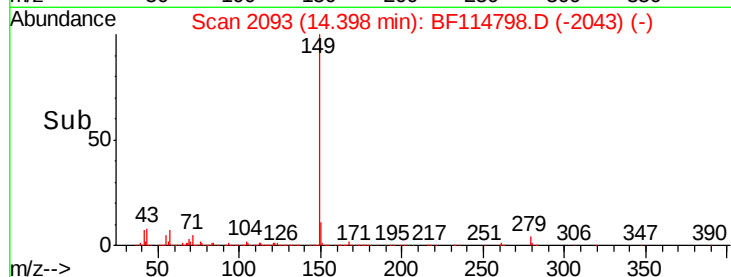
43 8.1 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.290 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

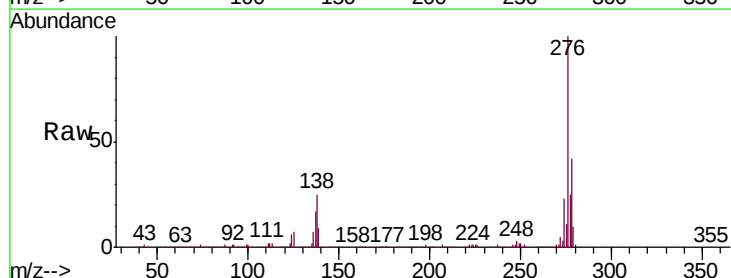
Tgt Ion:276 Resp: 1981257

Ion Ratio Lower Upper

276 100

138 28.1 22.2 33.4

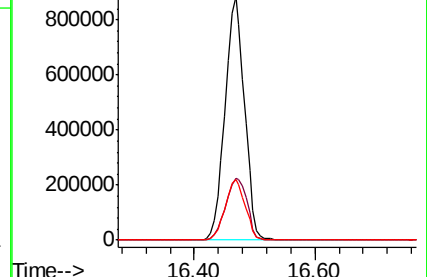
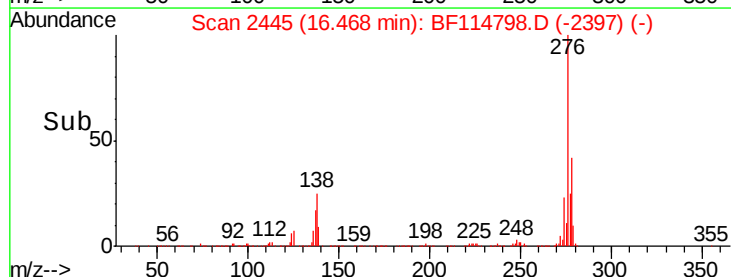
277 25.5 20.6 30.8

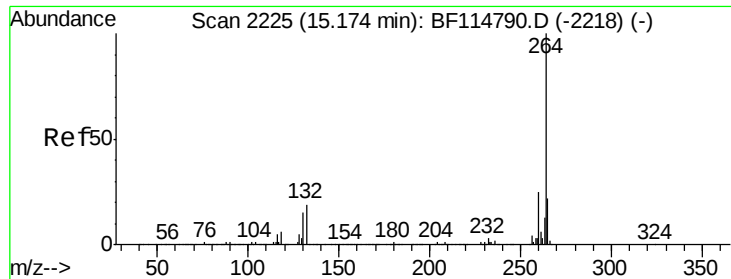


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

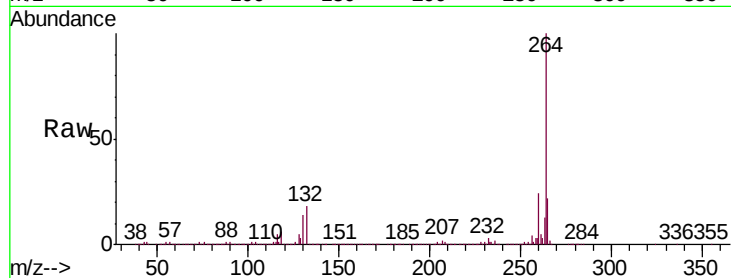




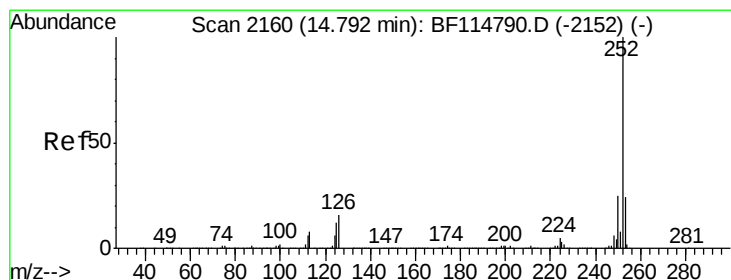
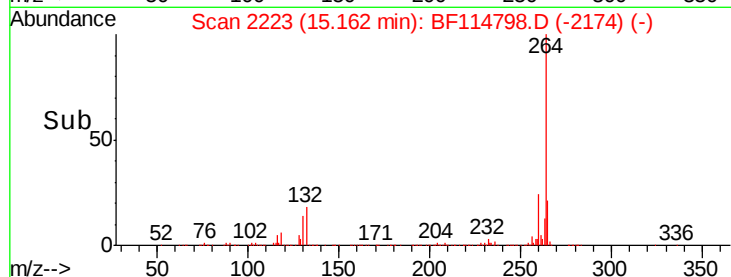
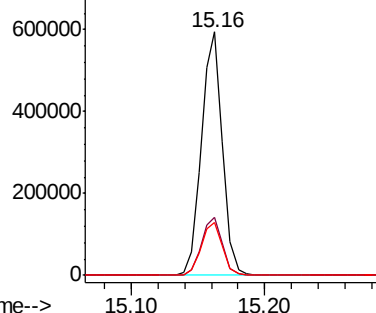
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Tgt Ion:264 Resp: 655278
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 21.5 17.7 26.5

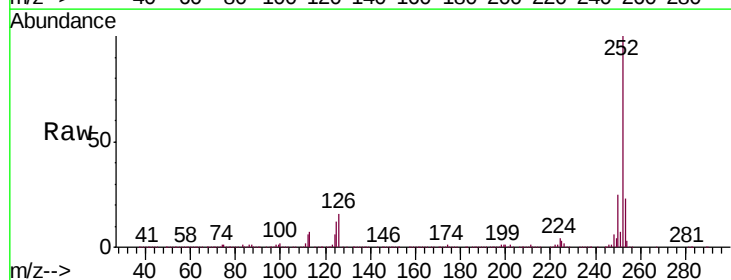


Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

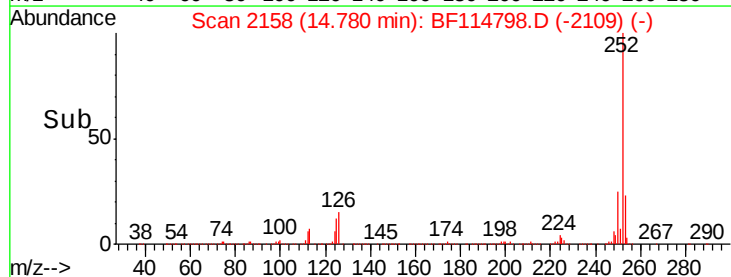
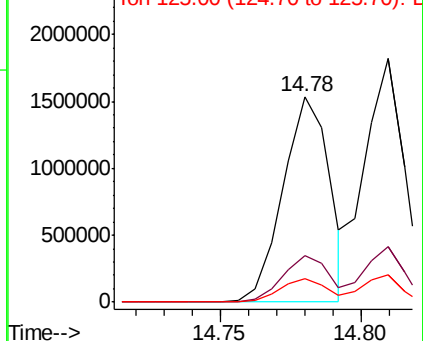


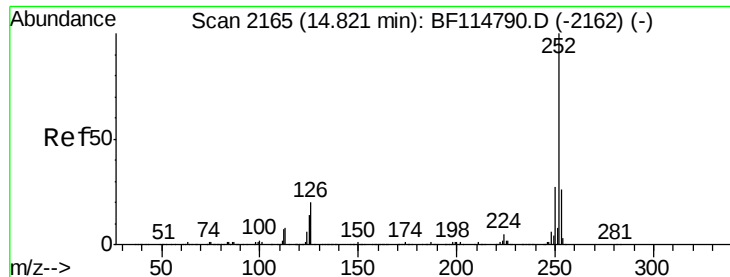
#88
Benzo(b)fluoranthene
Concen: 42.263 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114798.D
Acq: 4 Jun 2019 18:34

Tgt Ion:252 Resp: 1763041
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 11.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
2500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.625 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

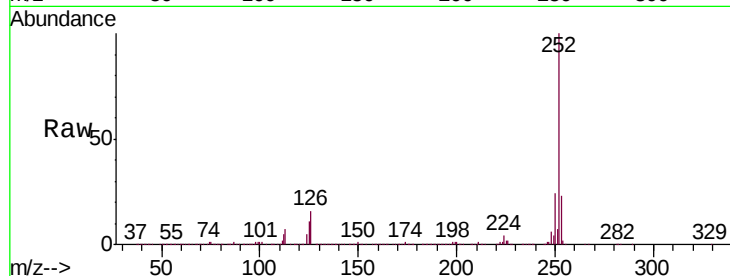
Tgt Ion:252 Resp: 1758002

Ion Ratio Lower Upper

252 100

253 22.9 19.3 28.9

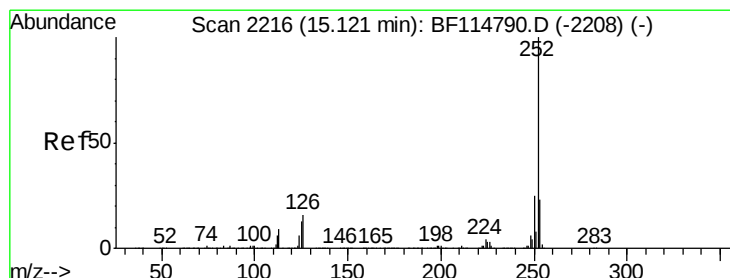
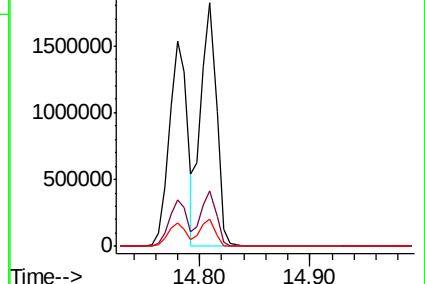
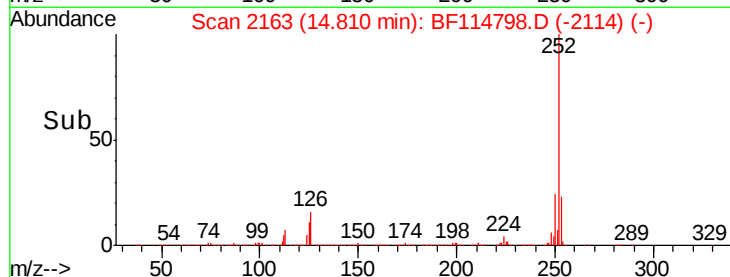
125 11.1 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

2500000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.438 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

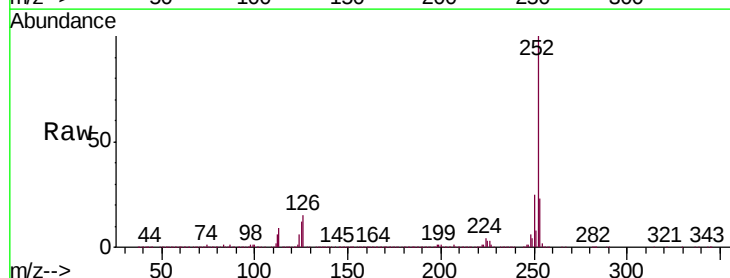
Tgt Ion:252 Resp: 1712841

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

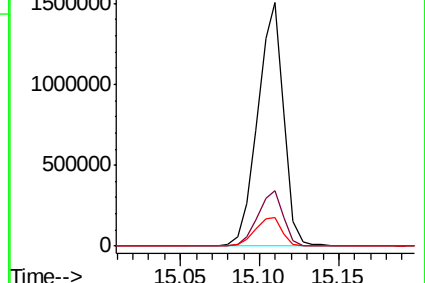
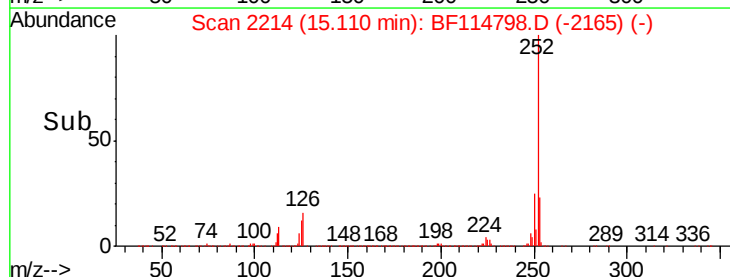
125 11.9 10.1 15.1

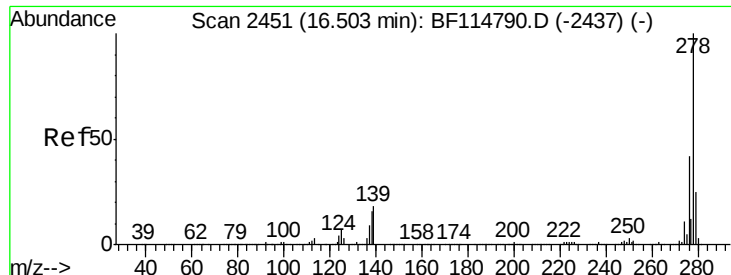


Abundance Ion 252.00 (251.70 to 252.70): E

2000000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.177 ng

RT: 16.49 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-AMSD

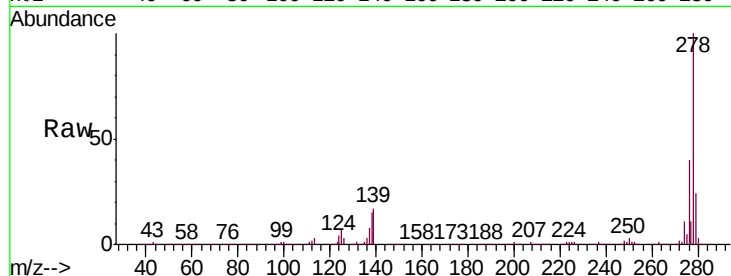
Tgt Ion:278 Resp: 1647337

Ion Ratio Lower Upper

278 100

139 17.3 14.6 22.0

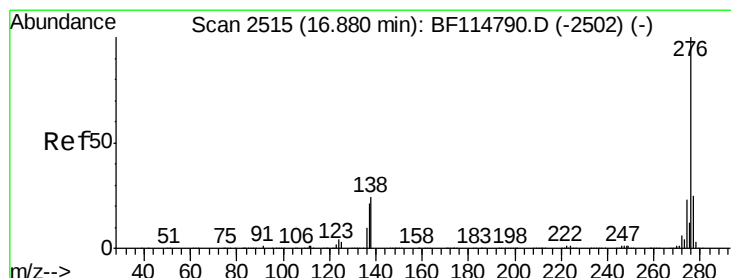
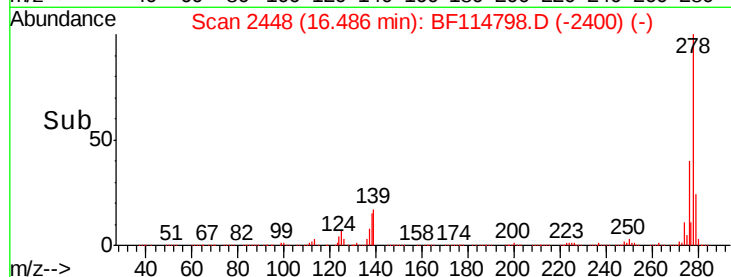
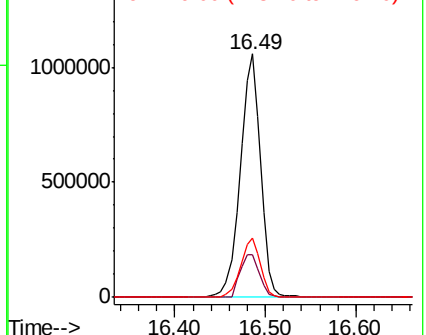
279 24.2 20.1 30.1



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: 48.414 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF114798.D

Acq: 4 Jun 2019 18:34

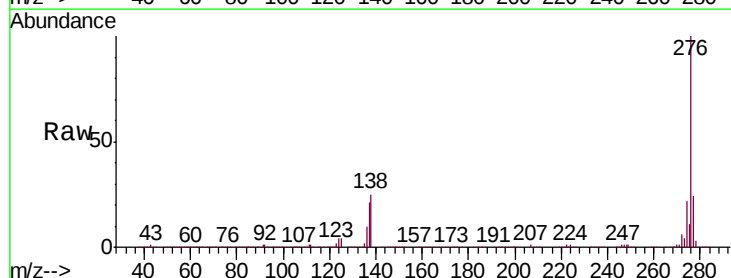
Tgt Ion:276 Resp: 1664743

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.6

138 24.7 19.4 29.2



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

