

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115790.D
 Acq On : 26 Jul 2019 15:57
 Operator : HP/JU
 Sample : K3620-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Quant Time: Jul 26 23:54:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119026	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	407074	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	181077	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	296478	20.00	ng	0.00
76) Chrysene-d12	14.03	240	282150	20.00	ng	0.00
87) Perylene-d12	15.50	264	309493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	884429	121.54	ng	0.01
7) Phenol-d6	6.51	99	1116183	120.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	698498	99.77	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	233801	110.62	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1073545	103.77	ng	0.00
79) Terphenyl-d14	12.97	244	1102084	72.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	127966	35.255	ng	99
3) Pyridine	3.46	79	327353	33.241	ng	99
4) n-Nitrosodimethylamine	3.39	42	149849	41.944	ng	99
6) Aniline	6.53	93	188168	14.644	ng	99
8) 2-Chlorophenol	6.66	128	302298	36.133	ng	99
9) Benzaldehyde	6.42	77	195564	33.893	ng	98
10) Phenol	6.52	94	378234	35.288	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	303415	37.180	ng	98
12) 1,3-Dichlorobenzene	6.82	146	343704	36.540	ng	99
13) 1,4-Dichlorobenzene	6.89	146	347067	36.981	ng	97
14) 1,2-Dichlorobenzene	7.05	146	318169	37.086	ng	98
15) Benzyl Alcohol	7.01	79	257177	35.111	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393712	36.646	ng	97
17) 2-Methylphenol	7.12	107	249130	34.554	ng	99
18) Hexachloroethane	7.39	117	117832	33.826	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	207893	34.523	ng	98
20) 3+4-Methylphenols	7.27	107	292550	34.160	ng	# 77
22) Acetophenone	7.27	105	414069	45.025	ng	98
24) Nitrobenzene	7.45	77	327513	43.374	ng	96
25) Isophorone	7.69	82	561552	40.086	ng	99
26) 2-Nitrophenol	7.77	139	154467	39.743	ng	98
27) 2,4-Dimethylphenol	7.80	122	250453	43.068	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	358601	41.727	ng	100
29) 2,4-Dichlorophenol	8.01	162	230278	38.076	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	265166	38.787	ng	99
31) Naphthalene	8.17	128	828766	42.038	ng	99
33) 4-Chloroaniline	8.22	127	118979	13.625	ng	98
34) Hexachlorobutadiene	8.29	225	153137	39.062	ng	98
35) Caprolactam	8.57	113	63967	34.227	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	223947	35.697	ng	98
37) 2-Methylnaphthalene	8.86	142	533008	40.786	ng	99
38) 1-Methylnaphthalene	8.96	142	484135	39.003	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	227900	41.794	ng	99
41) Hexachlorocyclopentadiene	9.02	237	80797	25.975	ng	98

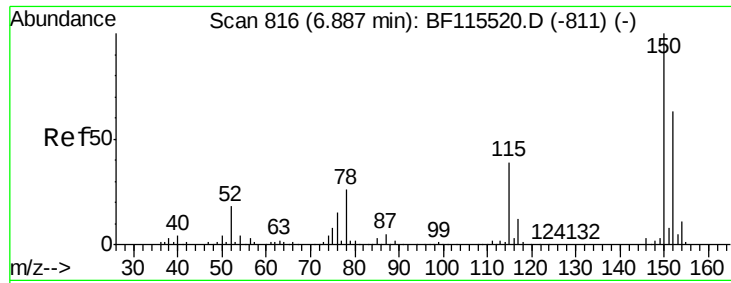
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115790.D
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Instrument :
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Quant Time: Jul 26 23:54:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	140707	35.286	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	147199	36.045	ng	98
46) 1,1'-Biphenyl	9.33	154	616483	43.548	ng	98
47) 2-Chloronaphthalene	9.35	162	467466	39.658	ng	99
48) 2-Nitroaniline	9.45	65	143092	39.221	ng	96
49) Acenaphthylene	9.77	152	704451	40.333	ng	99
50) Dimethylphthalate	9.62	163	742799	54.523	ng	99
51) 2,6-Dinitrotoluene	9.69	165	112364	36.292	ng	99
52) Acenaphthene	9.94	154	411826	36.521	ng	98
53) 3-Nitroaniline	9.85	138	88657	25.058	ng	94
54) 2,4-Dinitrophenol	9.97	184	8570	5.391	ng	93
55) Dibenzofuran	10.11	168	607819	37.956	ng	99
56) 4-Nitrophenol	10.02	139	182265	67.557	ng	96
57) 2,4-Dinitrotoluene	10.09	165	140369	34.995	ng	99
58) Fluorene	10.46	166	456392	39.867	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	117483	34.414	ng	98
60) Diethylphthalate	10.32	149	494981	38.777	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	230305	36.277	ng	97
62) 4-Nitroaniline	10.46	138	111630	32.893	ng	99
63) Azobenzene	10.60	77	490476	39.614	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	16957	9.361	ng	98
66) n-Nitrosodiphenylamine	10.56	169	400797	43.459	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	134262	39.628	ng	96
68) Hexachlorobenzene	11.01	284	148536	38.390	ng	97
69) Atrazine	11.09	200	123657	40.872	ng	98
70) Pentachlorophenol	11.20	266	160760	67.933	ng	99
71) Phenanthrene	11.42	178	675859	44.473	ng	99
72) Anthracene	11.47	178	694889	44.244	ng	99
73) Carbazole	11.62	167	632605	45.932	ng	97
74) Di-n-butylphthalate	11.95	149	744314	43.874	ng	99
75) Fluoranthene	12.60	202	802234	49.954	ng	98
77) Benzidine	12.72	184	299276	29.942	ng	99
78) Pyrene	12.83	202	838346	35.070	ng	99
80) Butylbenzylphthalate	13.44	149	351171	34.461	ng	97
81) Benzo(a)anthracene	14.02	228	776113	41.753	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	216485	32.761	ng	99
83) Chrysene	14.06	228	771150	41.327	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	506105	40.095	ng	99
85) Di-n-octyl phthalate	14.62	149	894825	44.554	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	655091	41.323	ng	99
88) Benzo(b)fluoranthene	15.07	252	781949	39.237	ng	100
89) Benzo(k)fluoranthene	15.10	252	732413	41.222	ng	99
90) Benzo(a)pyrene	15.44	252	715695	41.784	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	556848	37.031	ng	99
92) Benzo(g,h,i)perylene	17.43	276	528147	35.217	ng	98

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

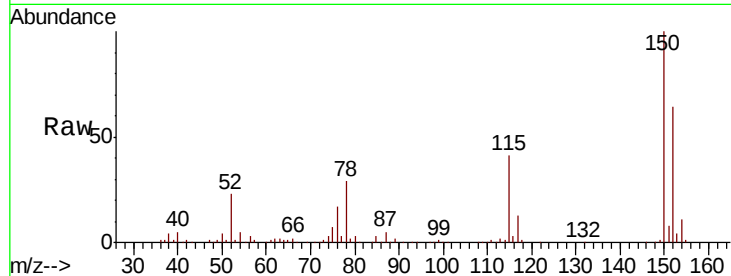


#1

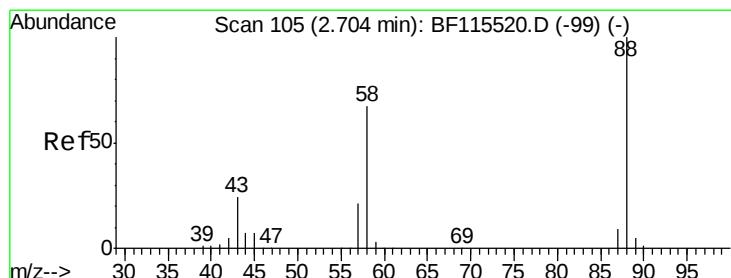
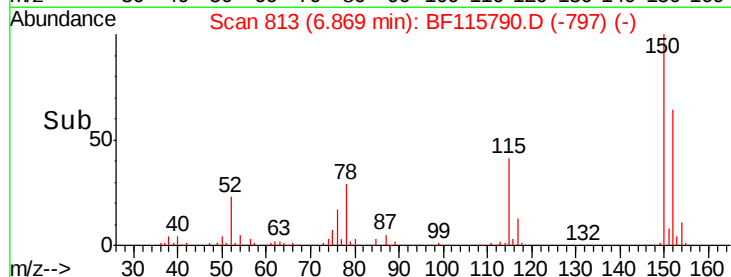
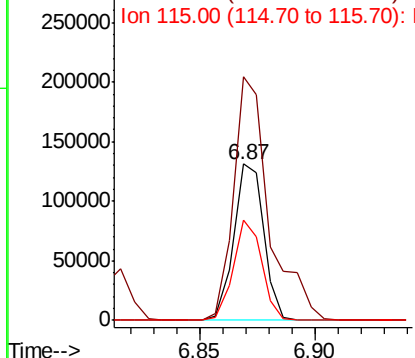
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion:152 Resp: 119026
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 64.3 47.8 71.6



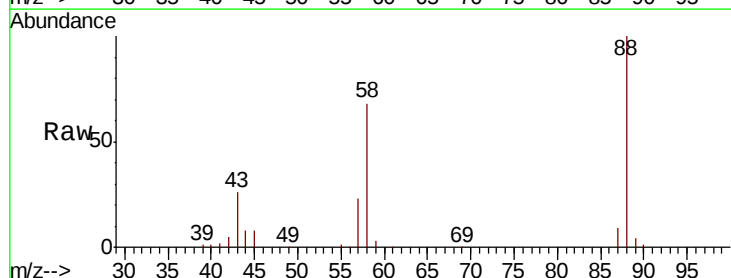
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



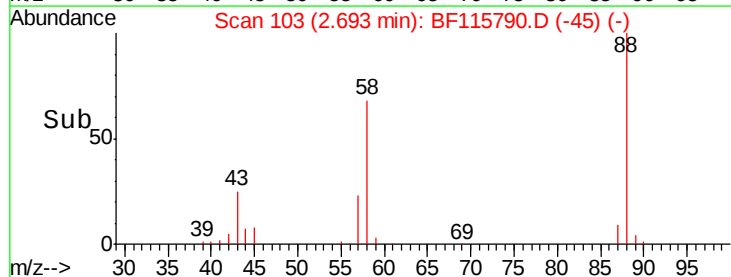
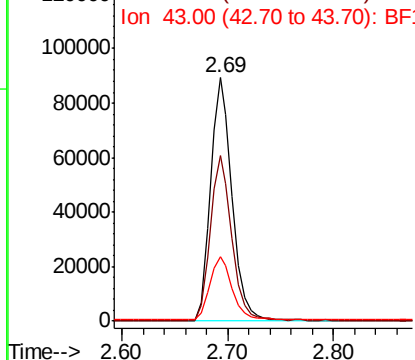
#2

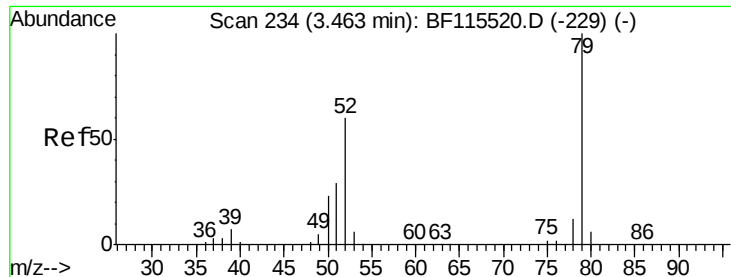
1,4-Dioxane
Concen: 35.255 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.04 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 88 Resp: 127966
Ion Ratio Lower Upper
88 100
58 68.1 54.2 81.4
43 27.0 20.8 31.2



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

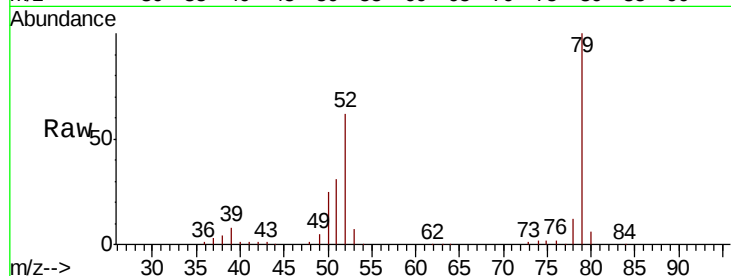




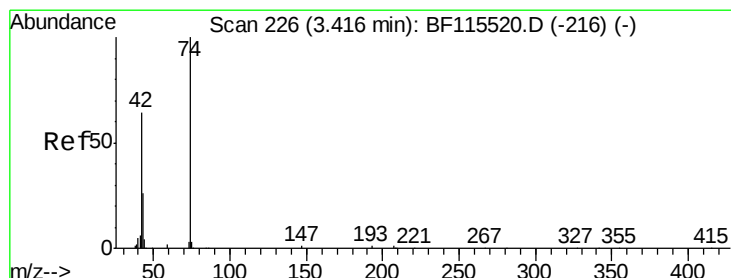
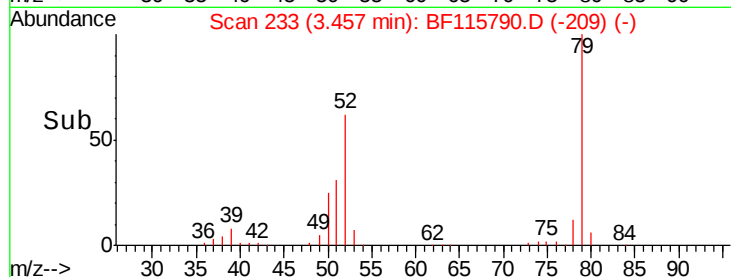
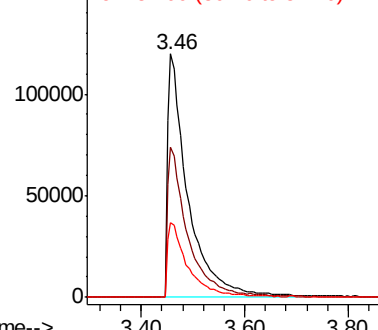
#3
 Pvridine
 Concen: 33.241 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.04 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion: 79 Resp: 327353
 Ion Ratio Lower Upper
 79 100
 52 61.9 48.4 72.6
 51 30.7 24.8 37.2

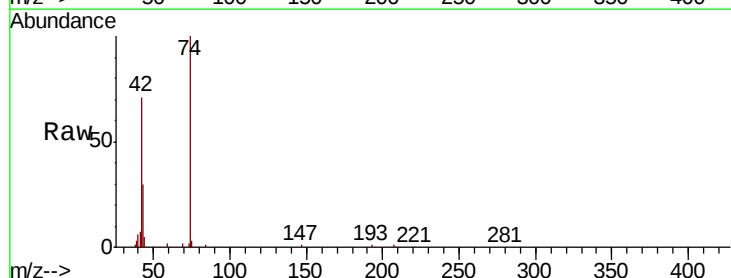


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

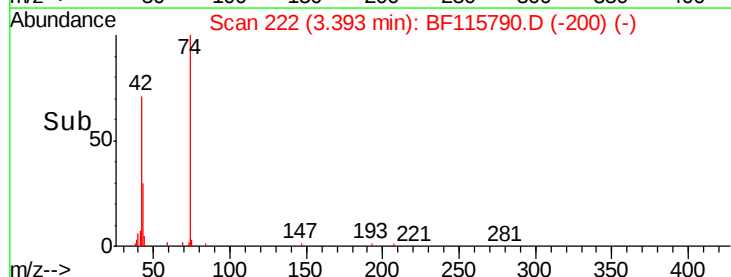
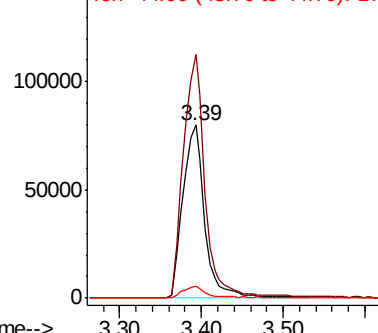


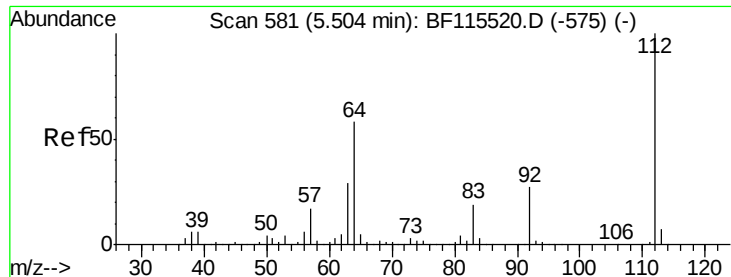
#4
 n-Nitrosodimethylamine
 Concen: 41.944 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion: 42 Resp: 149849
 Ion Ratio Lower Upper
 42 100
 74 140.8 113.4 170.0
 44 6.7 5.1 7.7



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: 121.542 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

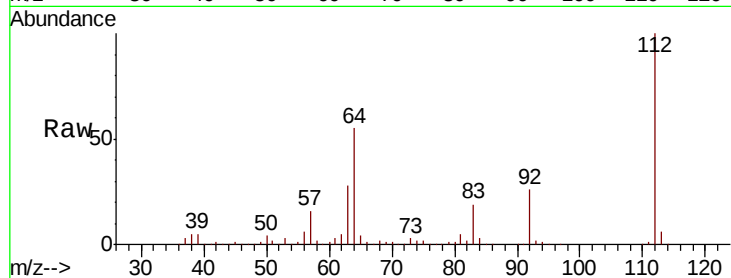
Tot Ion: 112 Resp: 884429

Ion Ratio Lower Upper

112 100

64 54.7 45.8 68.8

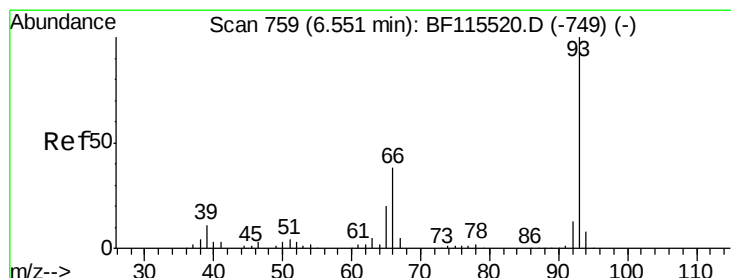
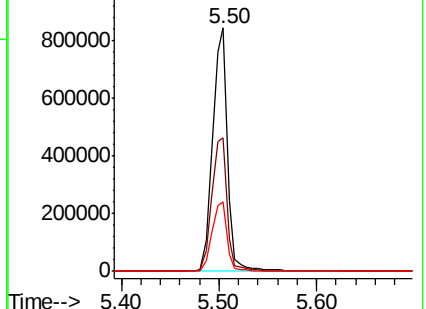
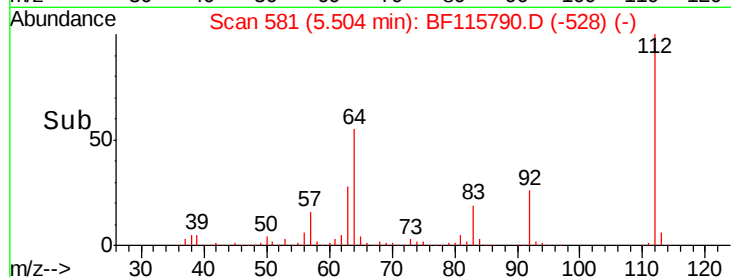
63 28.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF115790.D (-528) (-)

Ion 64.00 (63.70 to 64.70): BF115790.D (-528) (-)

Ion 63.00 (62.70 to 63.70): BF115790.D (-528) (-)



#6

Aniline

Concen: 14.644 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

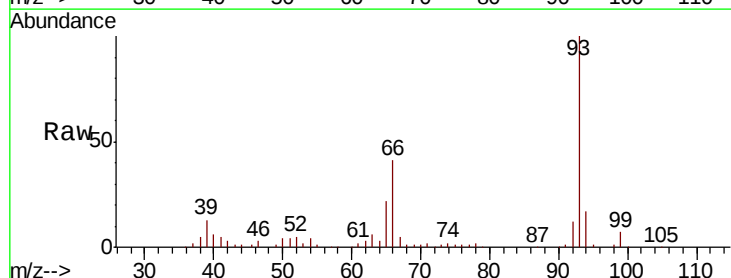
Tgt Ion: 93 Resp: 188168

Ion Ratio Lower Upper

93 100

66 40.7 32.2 48.2

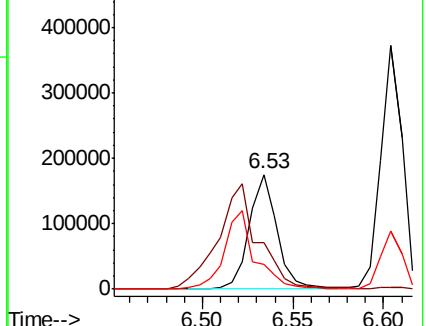
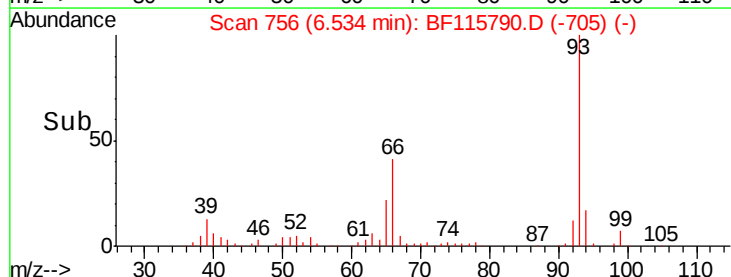
65 21.6 16.5 24.7

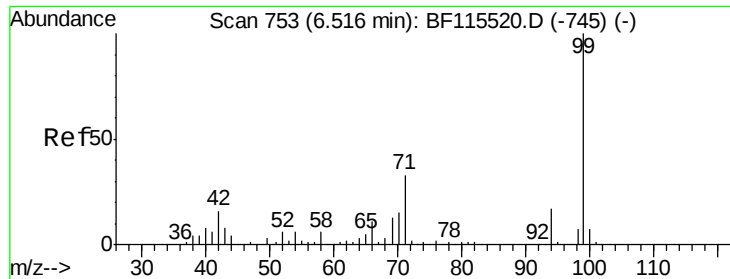


Abundance Ion 93.00 (92.70 to 93.70): BF115790.D (-705) (-)

Ion 66.00 (65.70 to 66.70): BF115790.D (-705) (-)

Ion 65.00 (64.70 to 65.70): BF115790.D (-705) (-)





#7

Phenol-d6

Concen: 120.886 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

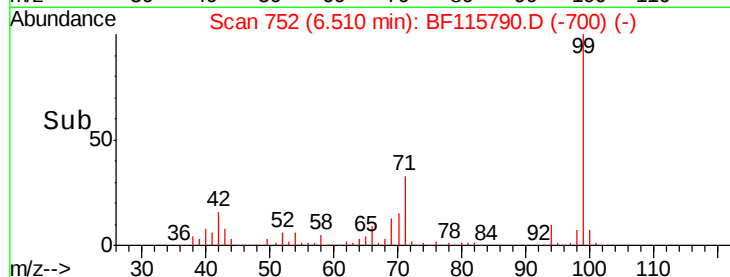
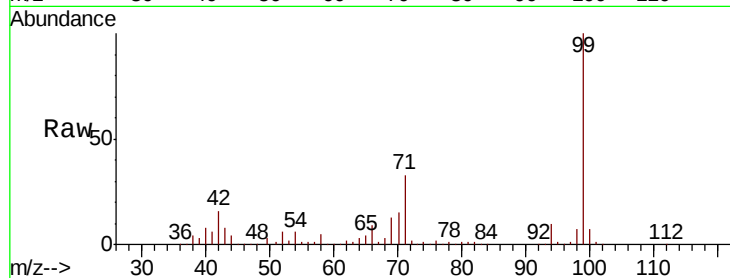
Tot Ion: 99 Resp: 1116183

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.2

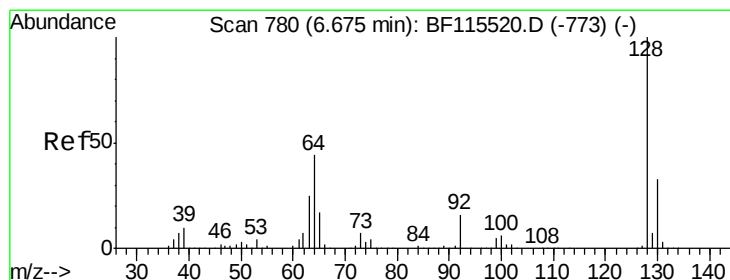
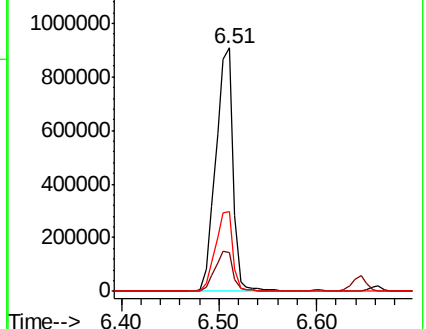
71 32.6 26.7 40.1



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: 36.133 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

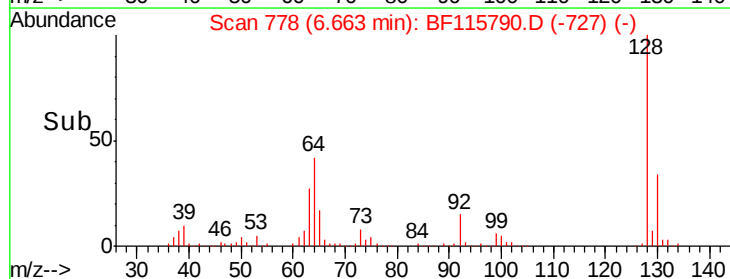
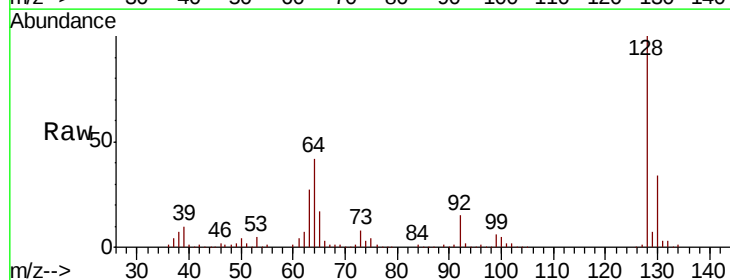
Tgt Ion:128 Resp: 302298

Ion Ratio Lower Upper

128 100

130 33.7 13.8 53.8

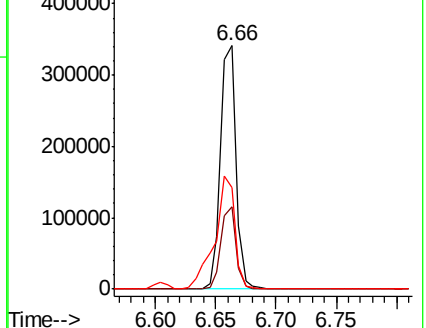
64 41.5 22.4 62.4

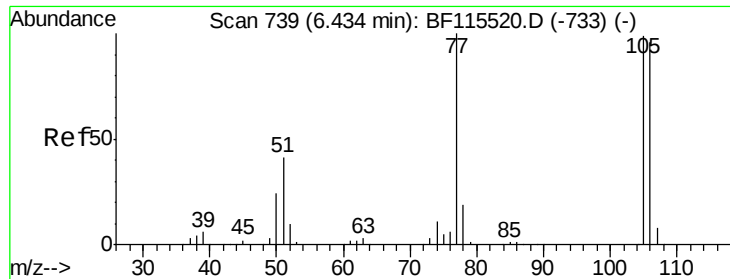


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

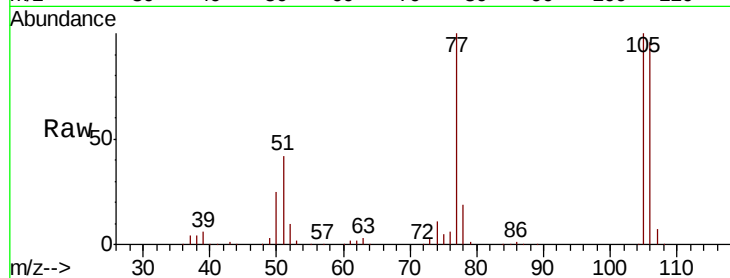




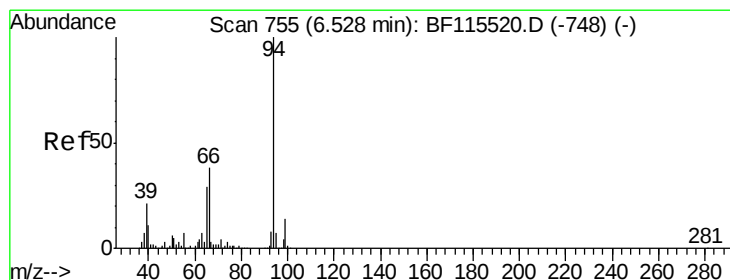
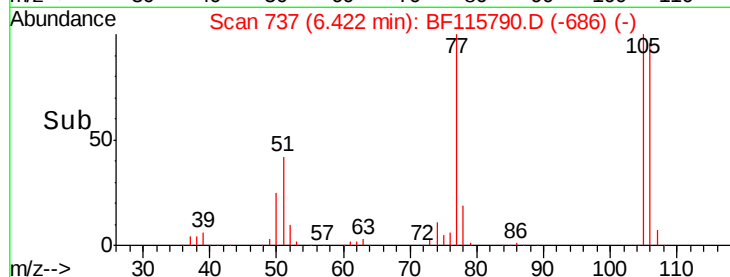
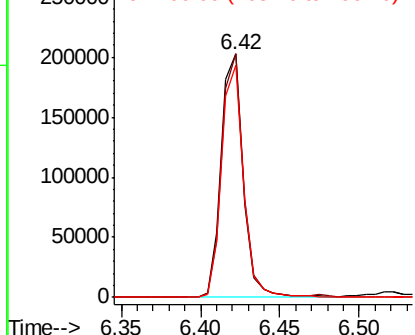
#9
Benzaldehyde
Concen: 33.893 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion: 77 Resp: 195564
Ion Ratio Lower Upper
77 100
105 100.0 77.5 117.5
106 95.6 74.7 114.7

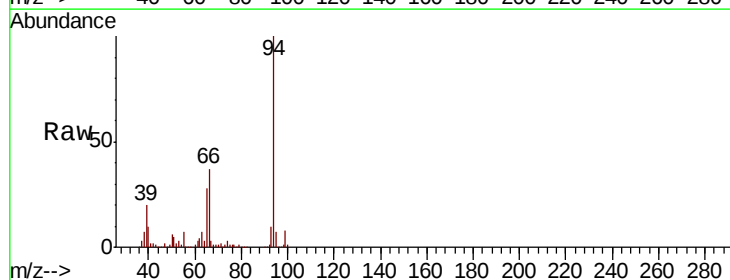


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

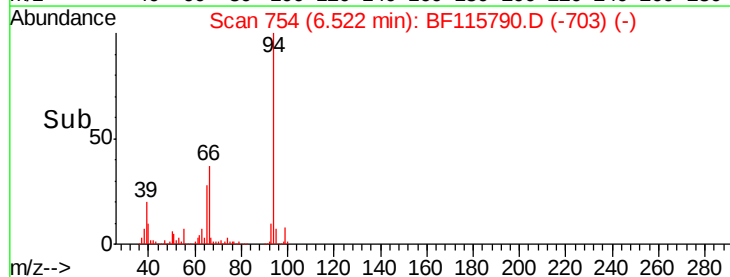
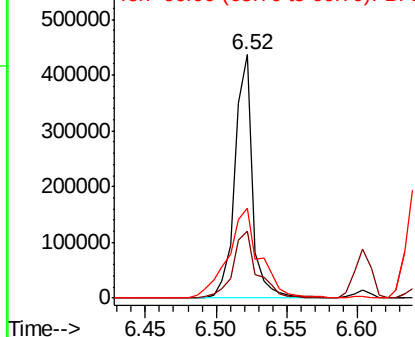


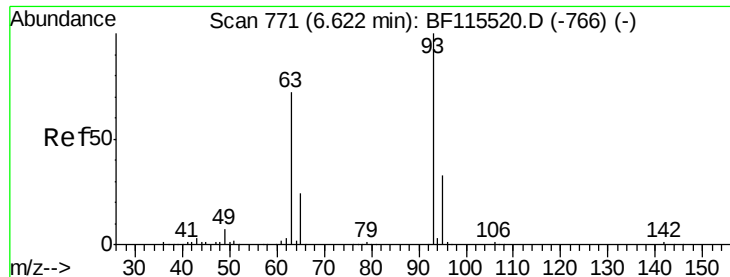
#10
Phenol
Concen: 35.288 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 94 Resp: 378234
Ion Ratio Lower Upper
94 100
65 27.7 11.2 51.2
66 37.0 24.4 64.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.180 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

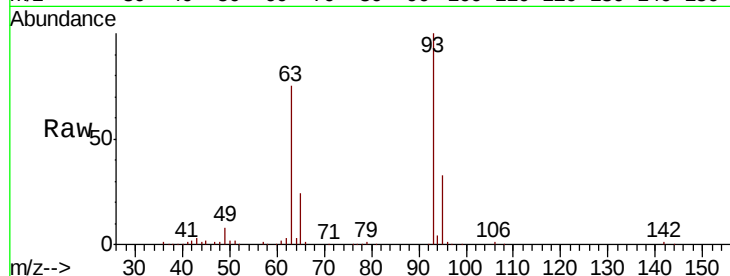
Tot Ion: 93 Resp: 303415

Ion Ratio Lower Upper

93 100

63 74.6 56.2 96.2

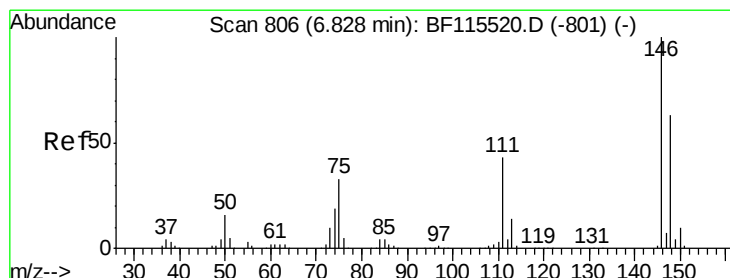
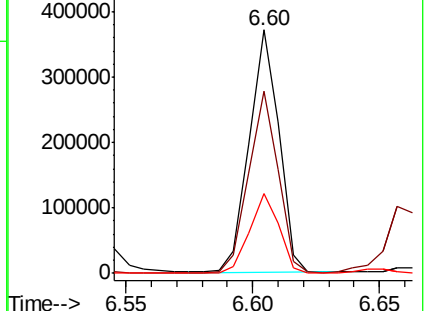
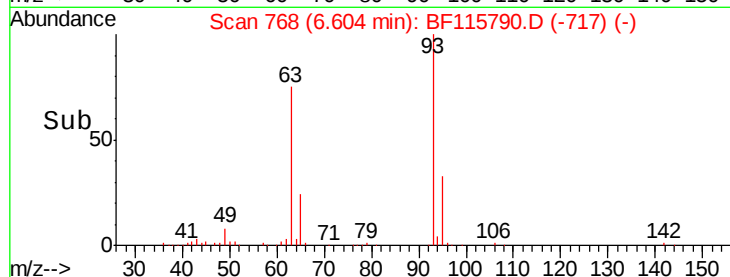
95 32.5 12.1 52.1



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: 36.540 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

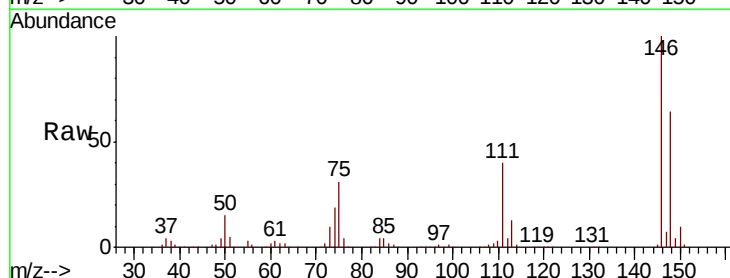
Tgt Ion: 146 Resp: 343704

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

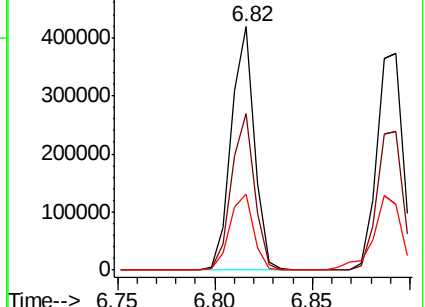
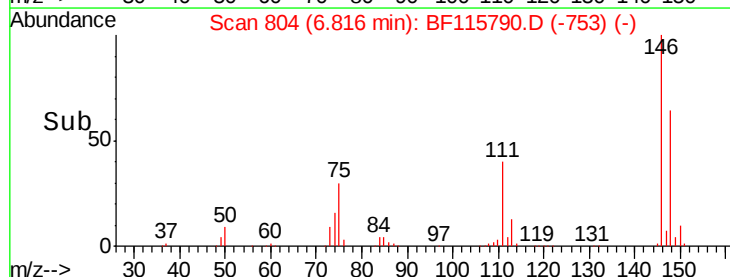
75 31.2 25.3 37.9

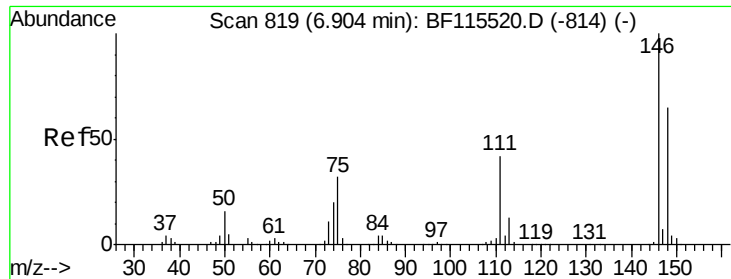


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

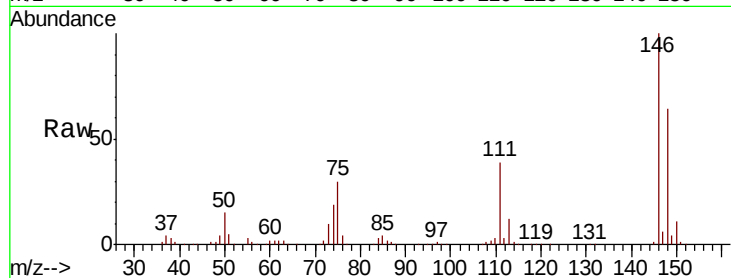




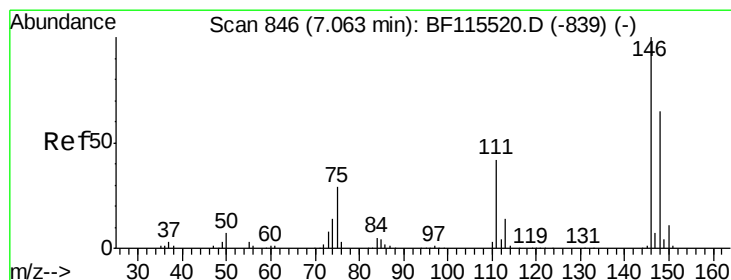
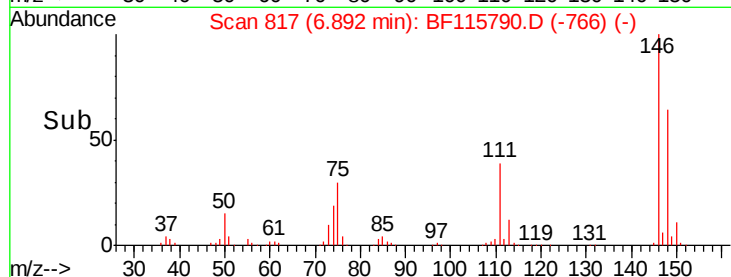
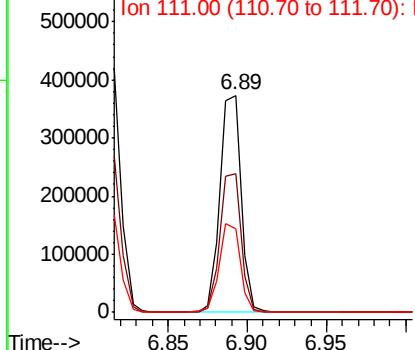
#13
 1,4-Dichlorobenzene
 Concen: 36.981 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:146 Resp: 347067
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.7 79.1
 111 38.5 32.2 48.4

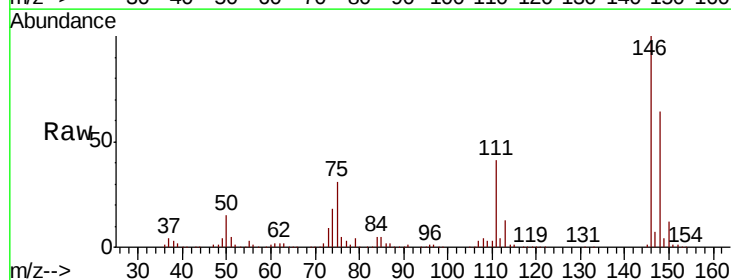


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

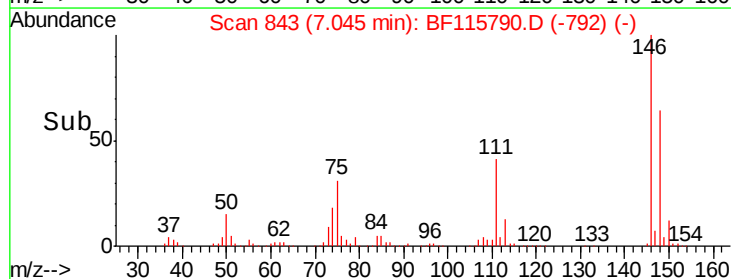
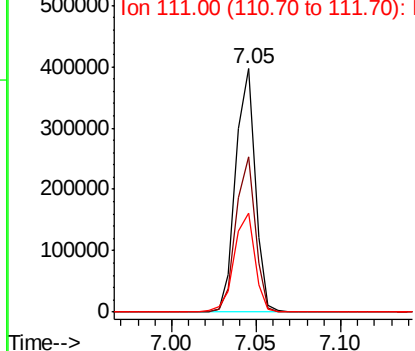


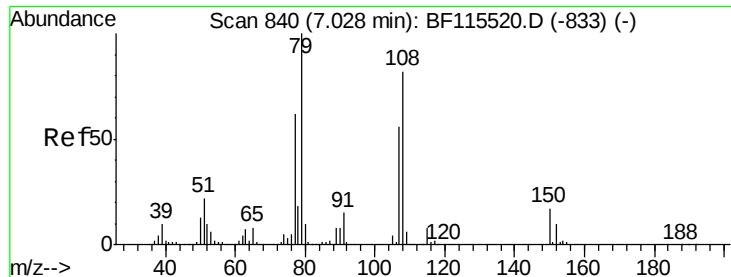
#14
 1,2-Dichlorobenzene
 Concen: 37.086 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:146 Resp: 318169
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.8
 111 40.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 35.111 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

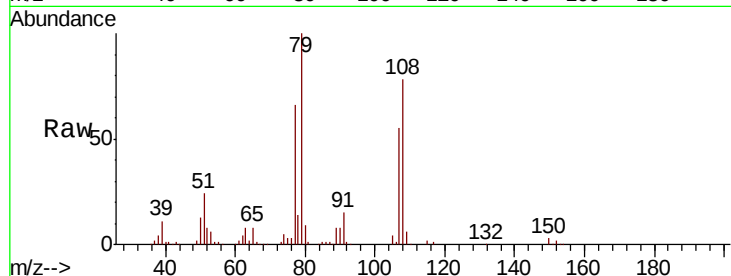
Tot Ion: 79 Resp: 257177

Ion Ratio Lower Upper

79 100

108 77.9 65.4 98.2

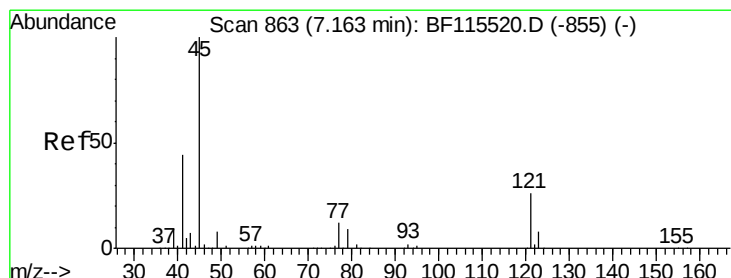
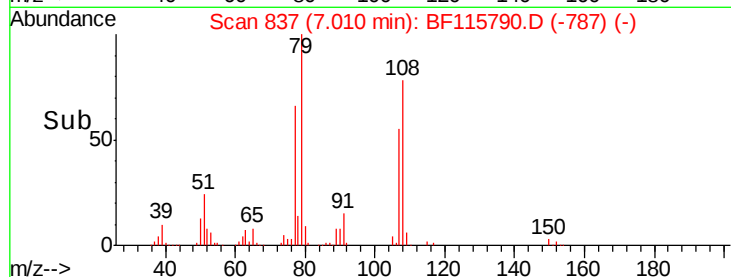
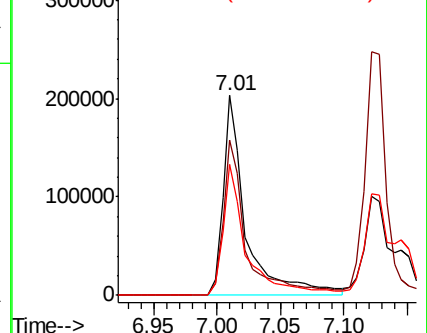
77 65.7 52.7 79.1



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: 36.646 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

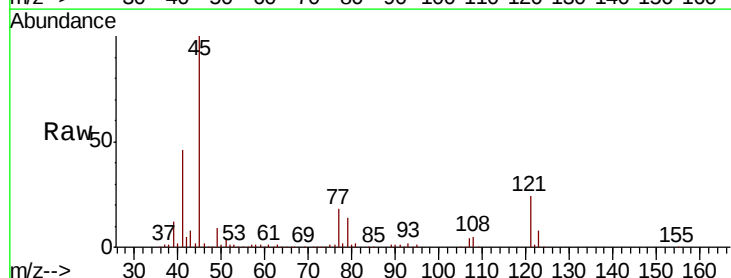
Tgt Ion: 45 Resp: 393712

Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.8

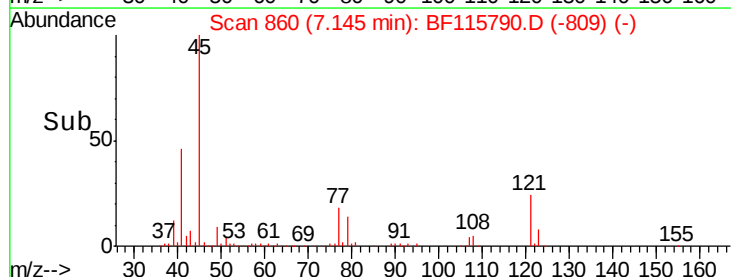
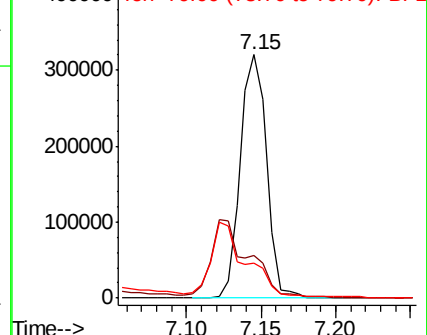
79 14.5 0.0 33.1

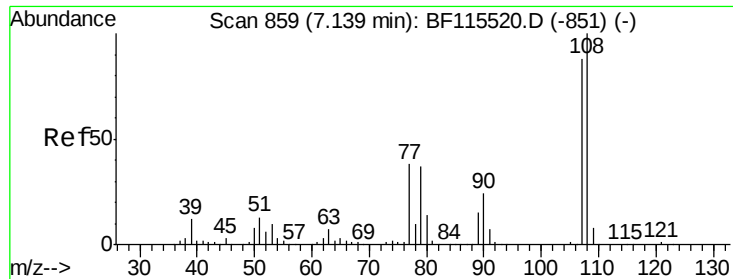


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

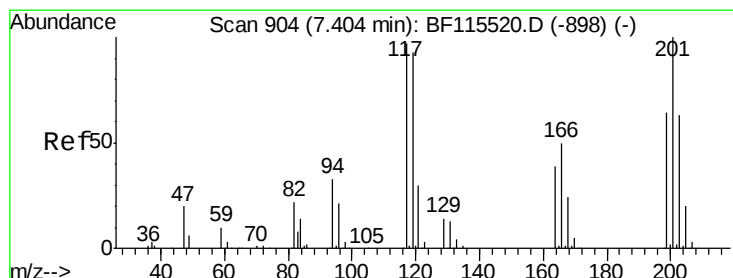
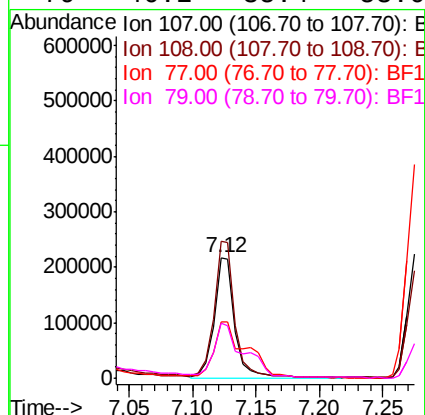
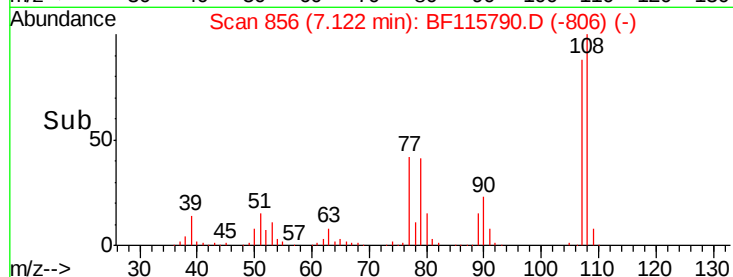
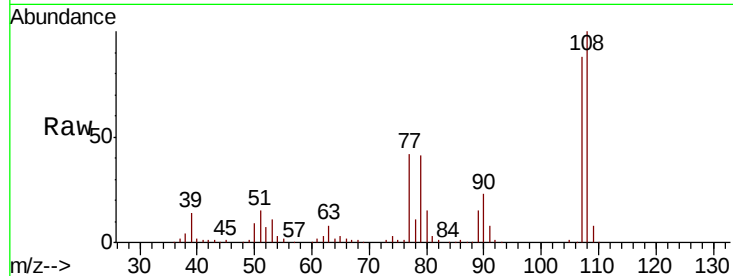




#17
2-Methylphenol
Concen: 34.554 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

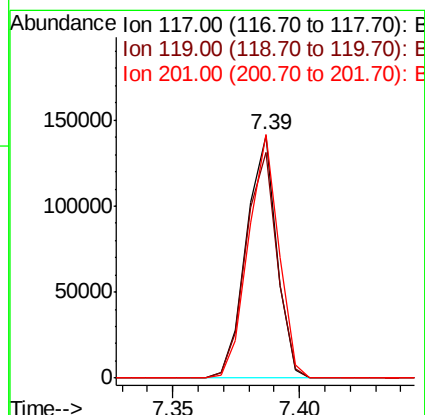
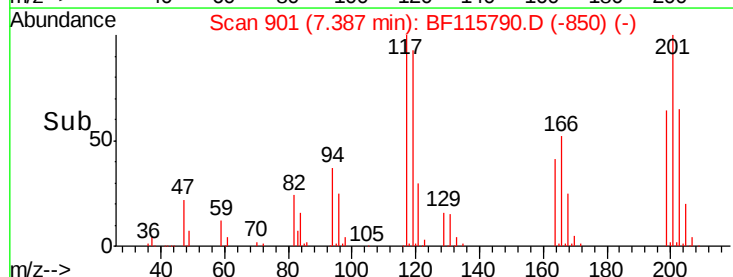
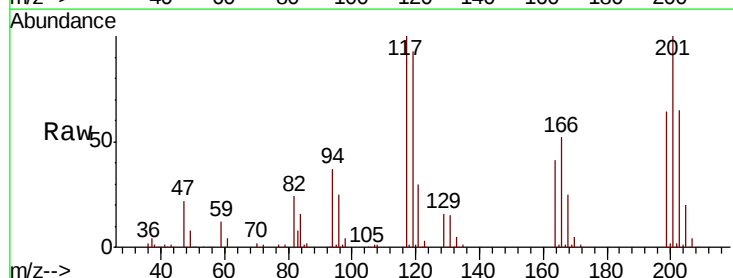
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

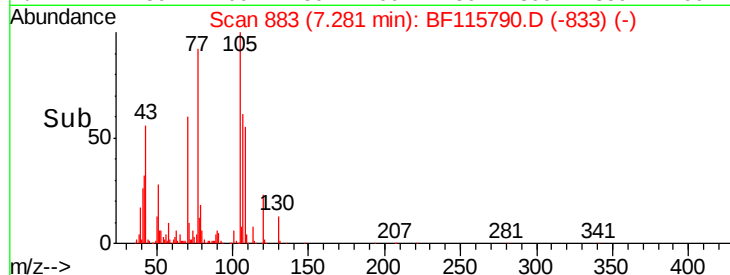
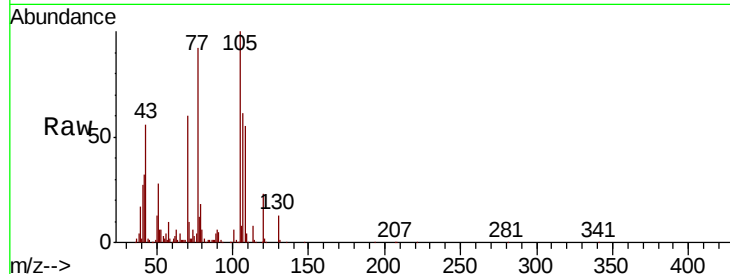
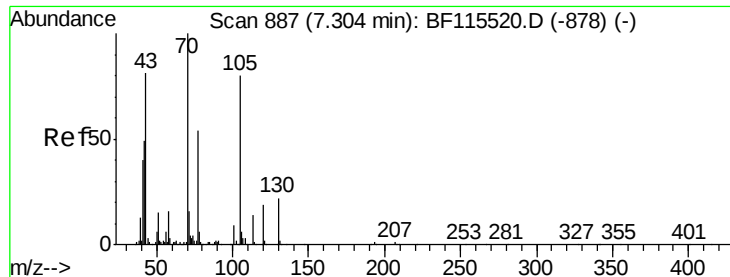
Tot Ion:107 Resp: 249130
Ion Ratio Lower Upper
107 100
108 114.0 91.3 136.9
77 47.3 36.9 55.3
79 46.2 35.4 53.0



#18
Hexachloroethane
Concen: 33.826 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:117 Resp: 117832
Ion Ratio Lower Upper
117 100
119 93.2 74.8 112.2
201 100.2 77.6 116.4

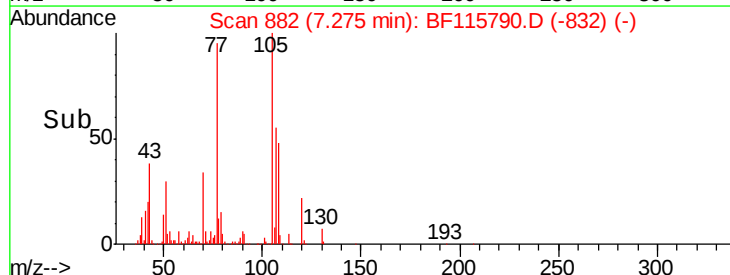
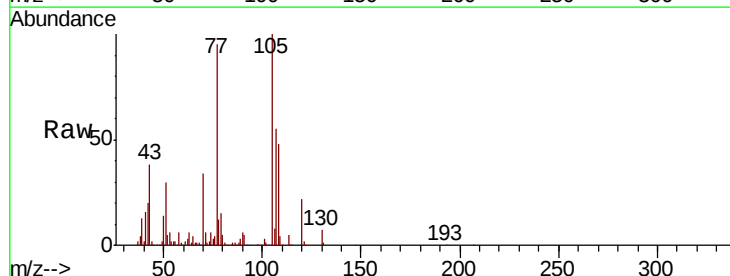
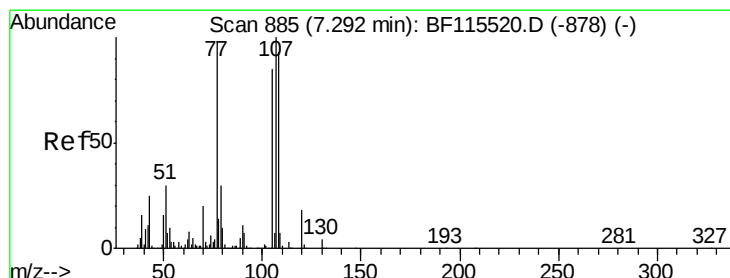
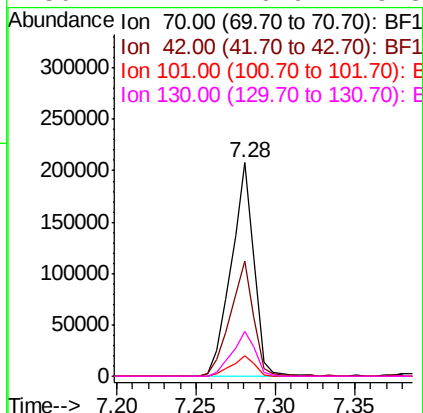




#19
n-Nitroso-di-n-propylamine
Concen: 34.523 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

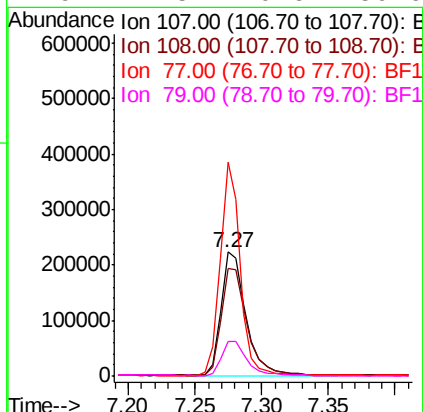
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

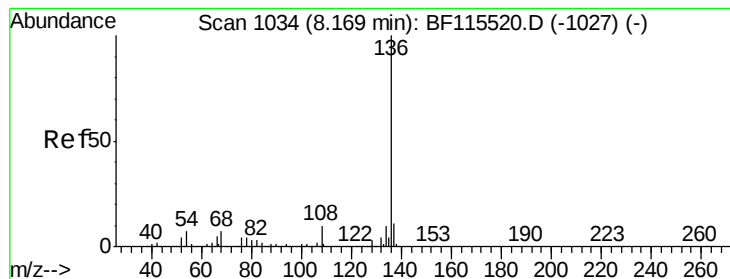
Tot Ion:	70	Resp:	207893
Ion	Ratio	Lower	Upper
70	100		
42	53.9	41.8	62.8
101	9.9	7.6	11.4
130	21.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 34.160 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:	107	Resp:	292550
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.0	113.0
77	172.8	107.5	147.5#
79	27.5	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

Tot Ion:136 Resp: 407074

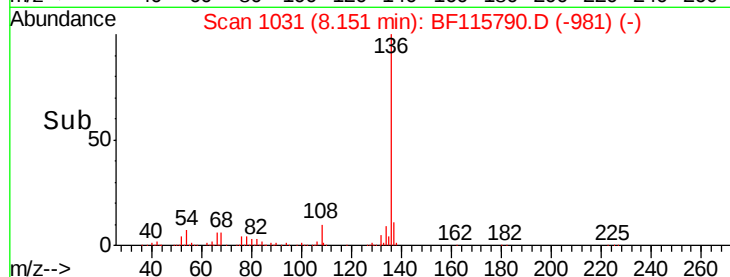
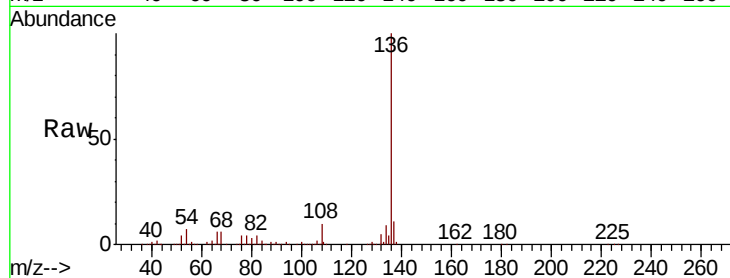
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.2 5.0 7.6

68 5.9 4.7 7.1

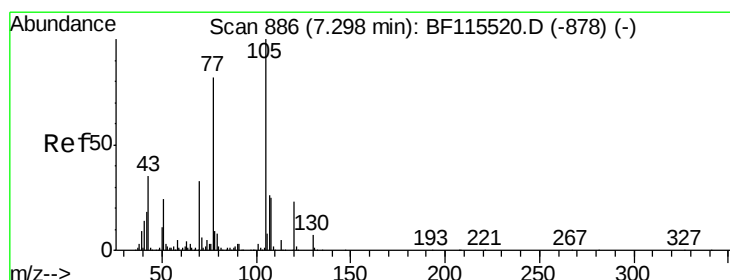
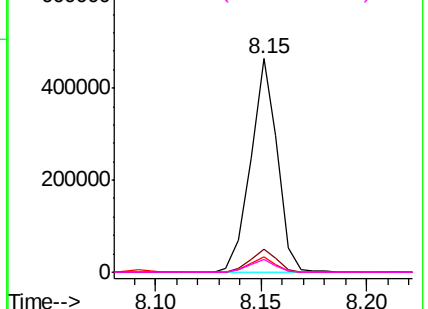


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.025 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Tgt Ion:105 Resp: 414069

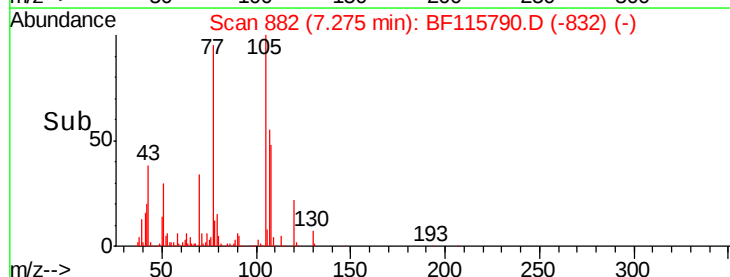
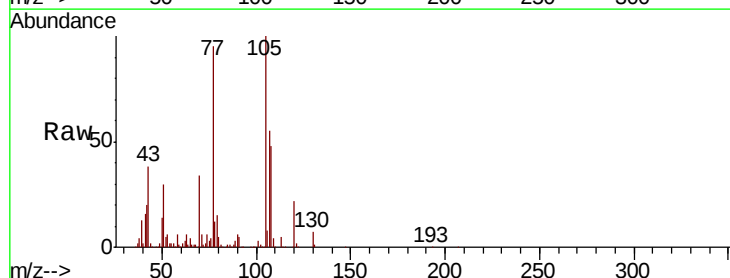
Ion Ratio Lower Upper

105 100

71 6.1 4.7 7.1

51 30.4 25.6 38.4

120 21.7 17.7 26.5

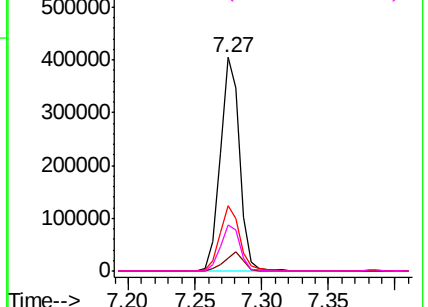


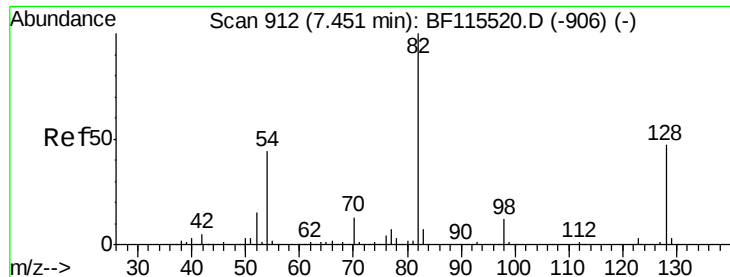
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

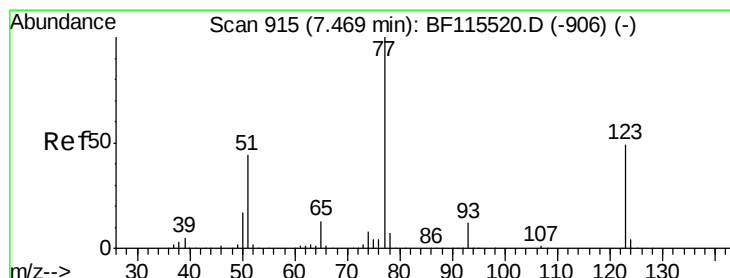
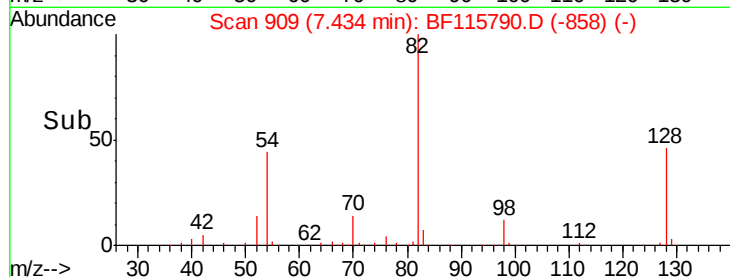
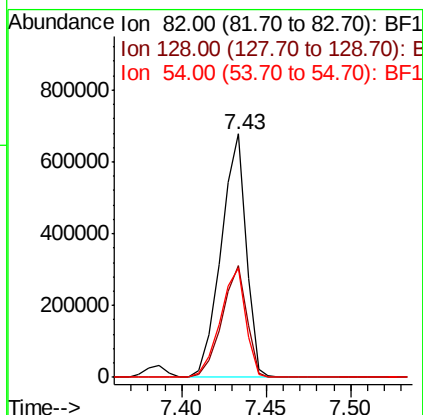
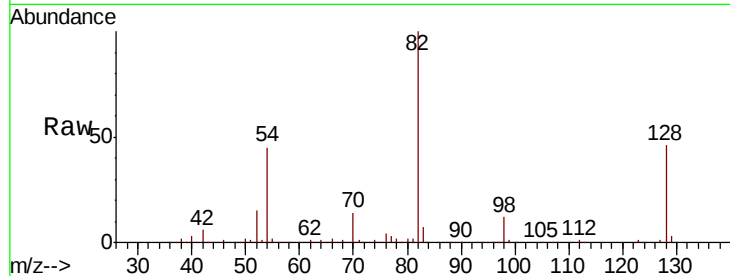




#23
 Nitrobenzene-d5
 Concen: 99.774 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

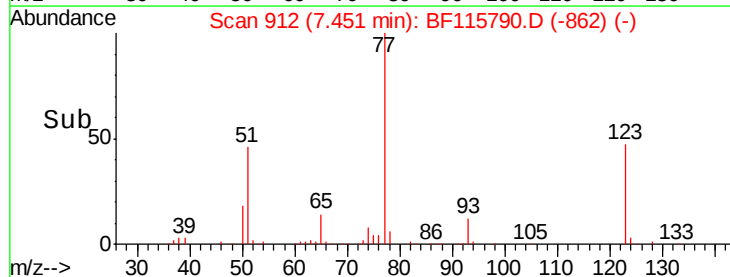
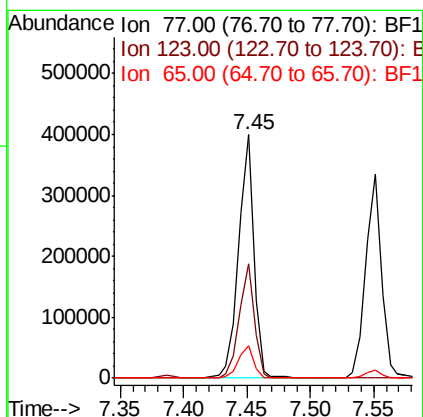
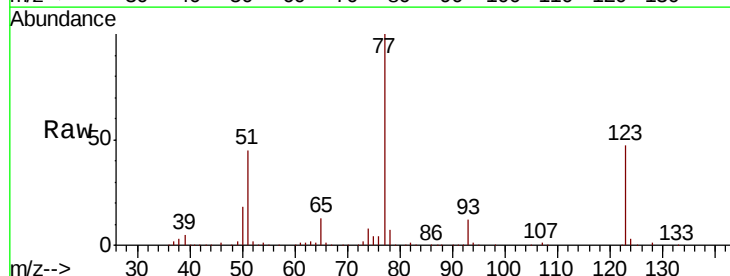
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

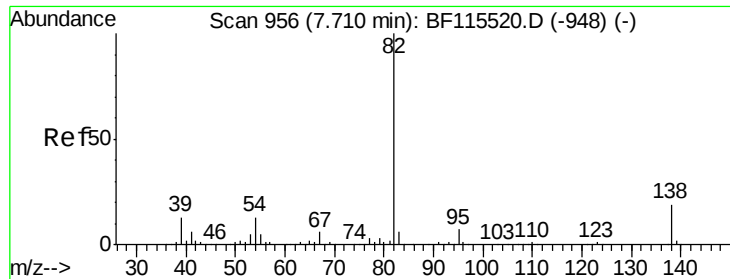
Tot Ion	82	Resp	698498
Ion Ratio	100	Lower	Upper
128	46.0	36.6	55.0
54	44.8	36.6	54.8



#24
 Nitrobenzene
 Concen: 43.374 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion	77	Resp	327513
Ion Ratio	100	Lower	Upper
123	46.8	39.9	59.9
65	13.3	10.5	15.7





#25

Isophorone

Concen: 40.086 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

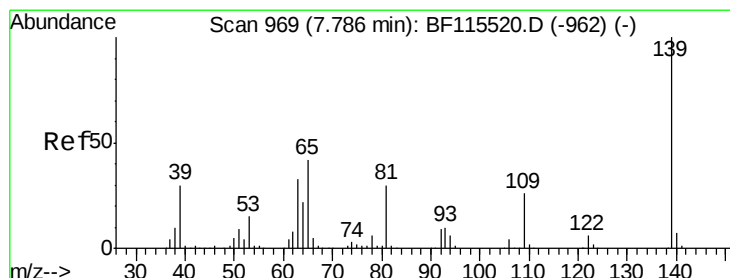
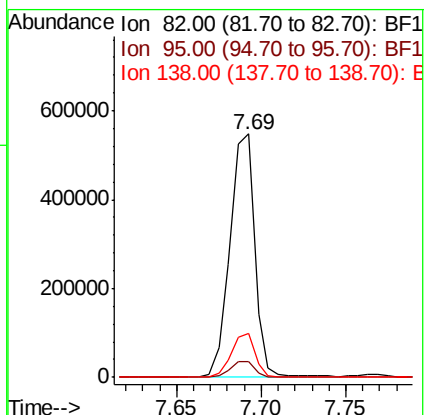
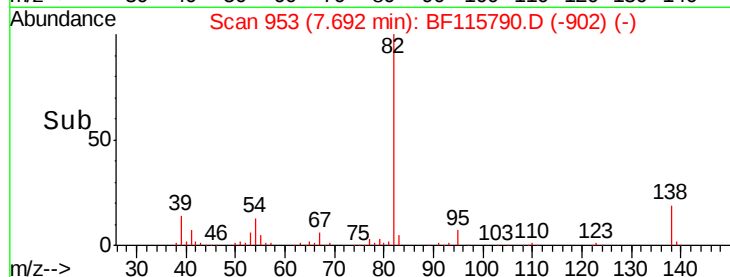
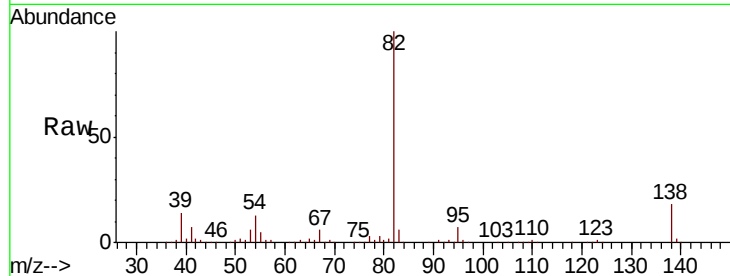
Tot Ion: 82 Resp: 561552

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 18.2 14.2 21.4



#26

2-Nitrophenol

Concen: 39.743 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

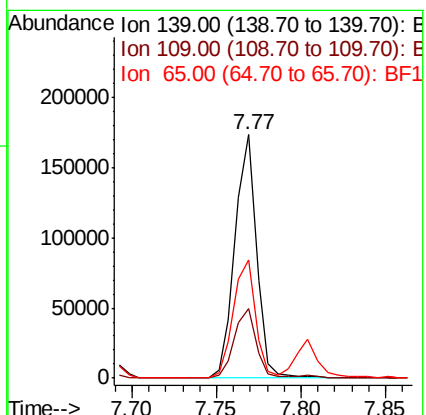
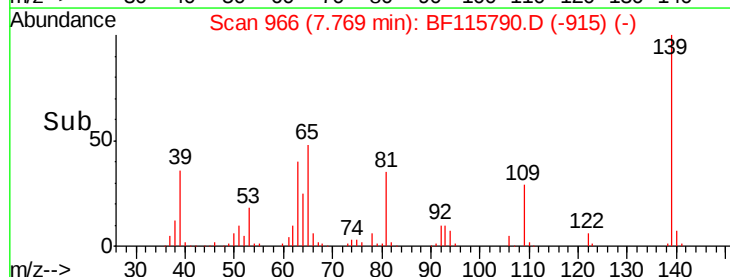
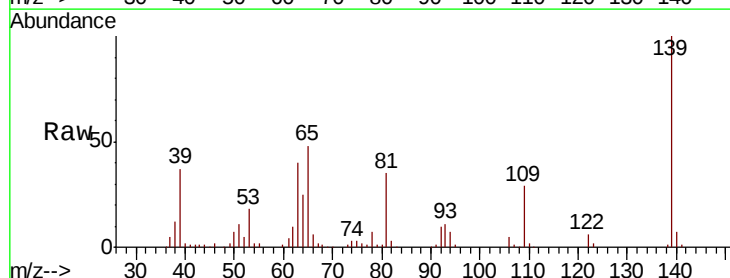
Tgt Ion: 139 Resp: 154467

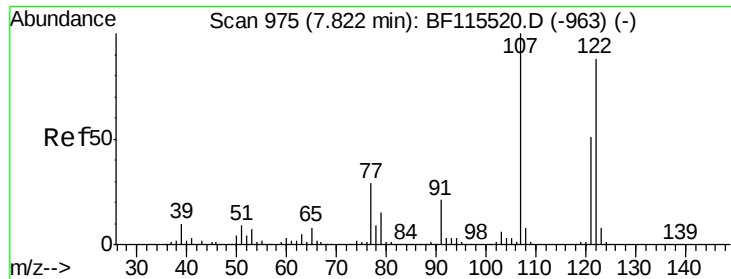
Ion Ratio Lower Upper

139 100

109 28.7 23.2 34.8

65 48.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.068 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

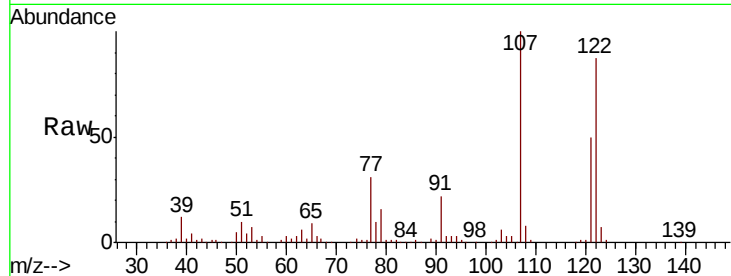
Tot Ion:122 Resp: 250453

Ion Ratio Lower Upper

122 100

107 114.4 92.6 138.8

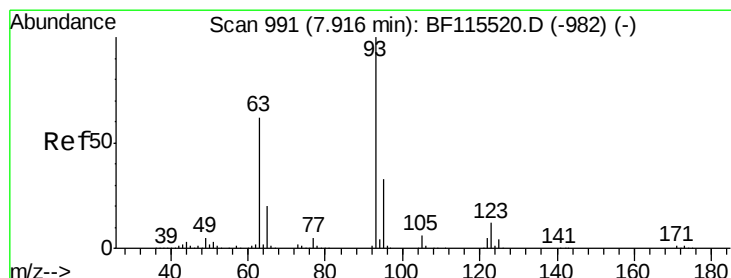
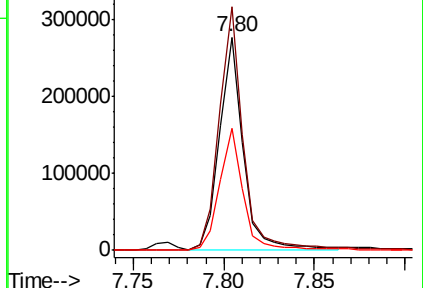
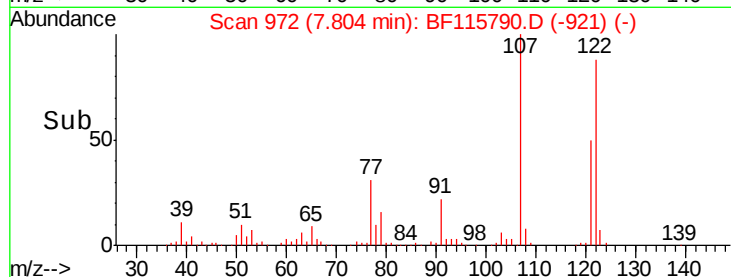
121 57.6 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.727 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

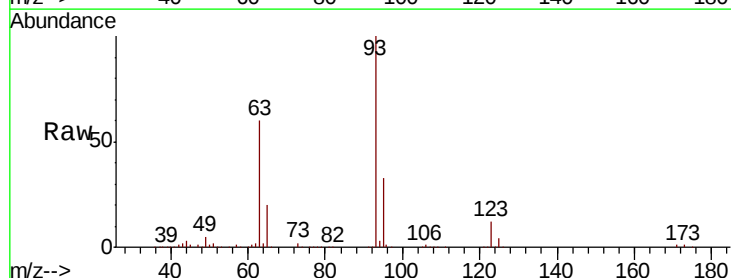
Tgt Ion: 93 Resp: 358601

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

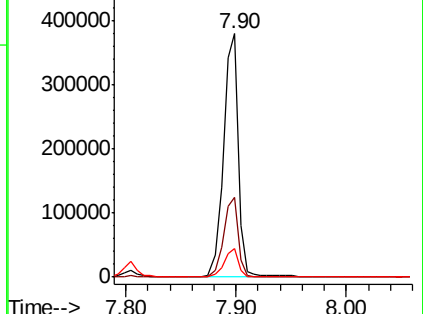
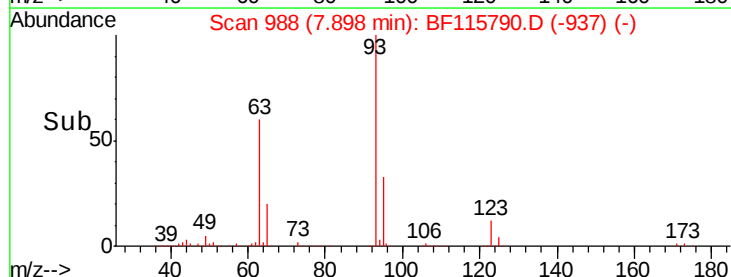
123 11.7 9.3 13.9

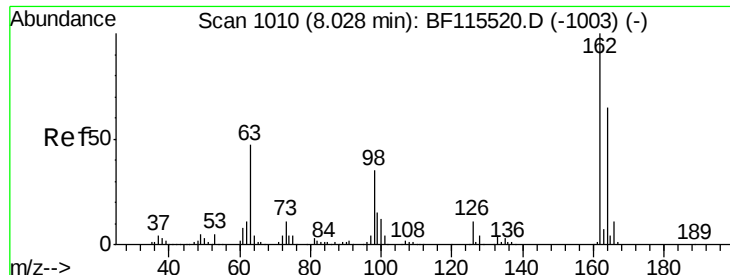


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

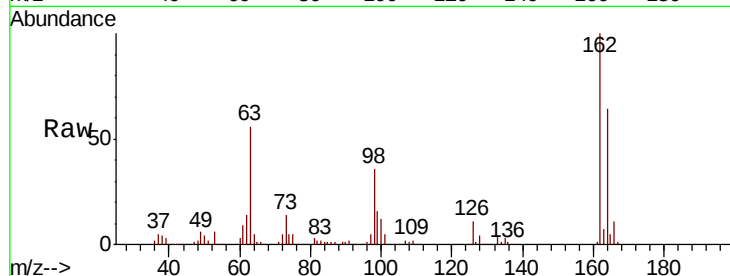




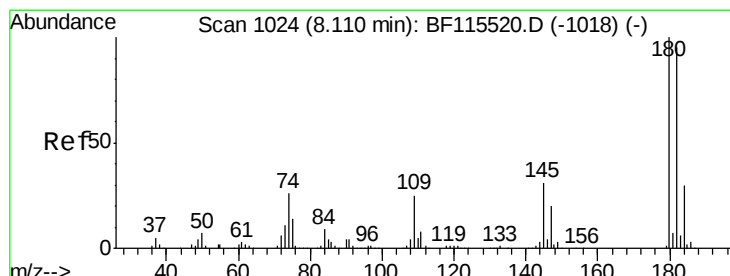
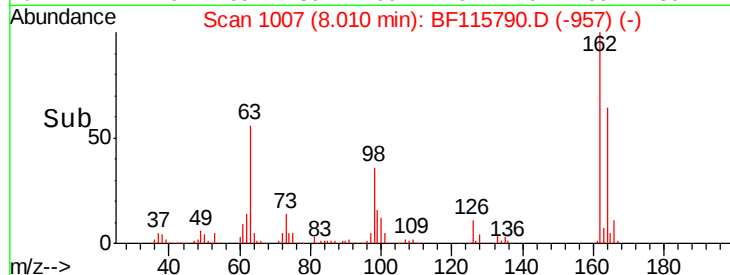
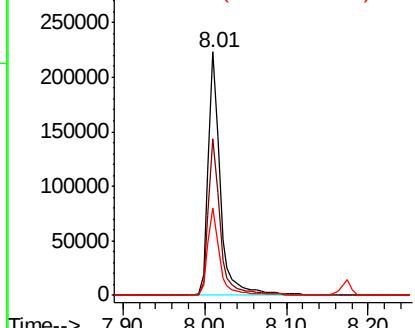
#29
 2,4-Dichlorophenol
 Concen: 38.076 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:162 Resp: 230278
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.1 84.1
 98 36.0 12.9 52.9

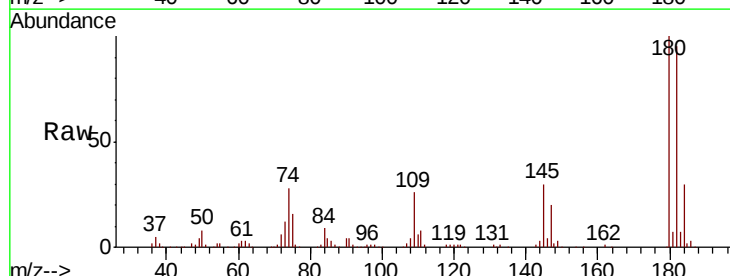


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

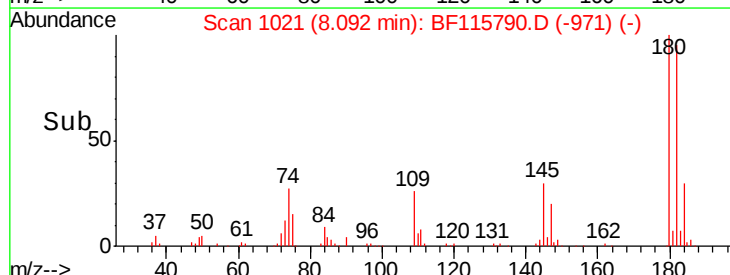
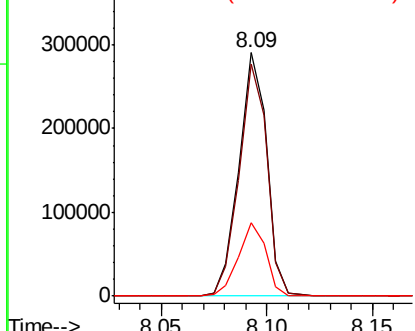


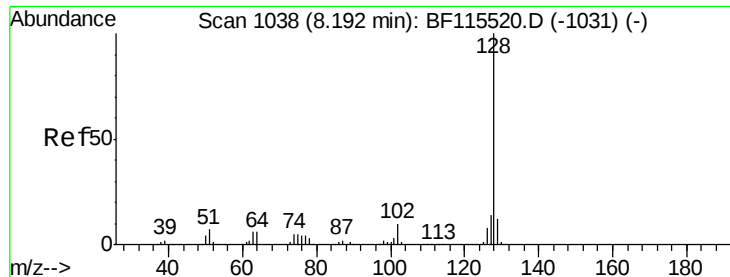
#30
 1,2,4-Trichlorobenzene
 Concen: 38.787 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:180 Resp: 265166
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 145 30.3 23.6 35.4



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

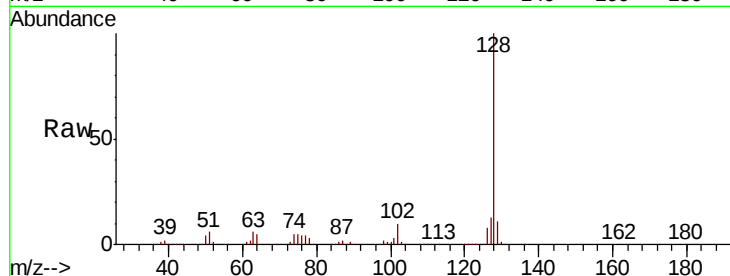




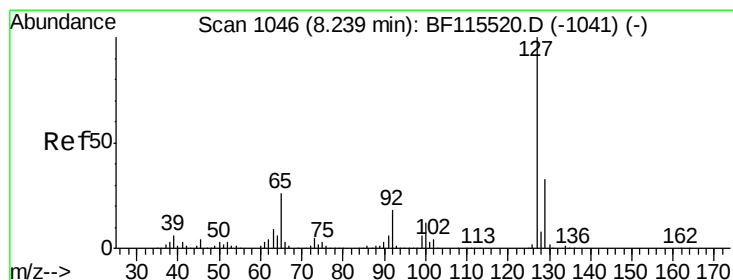
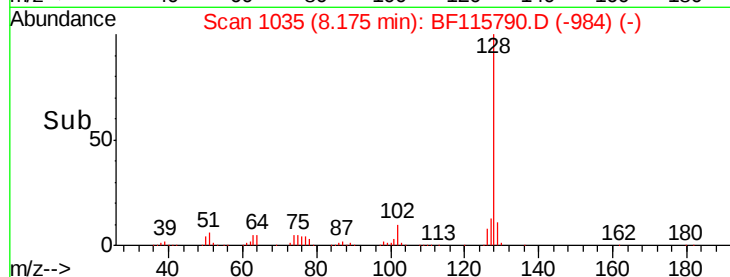
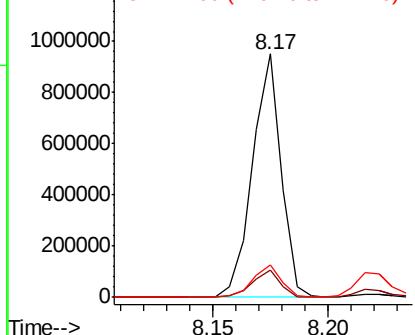
#31
Naphthalene
Concen: 42.038 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion:128 Resp: 828766
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.5 10.9 16.3

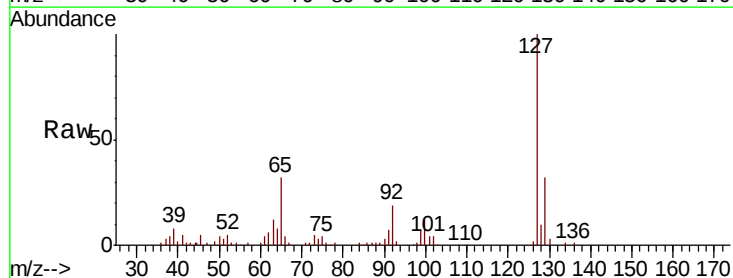


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

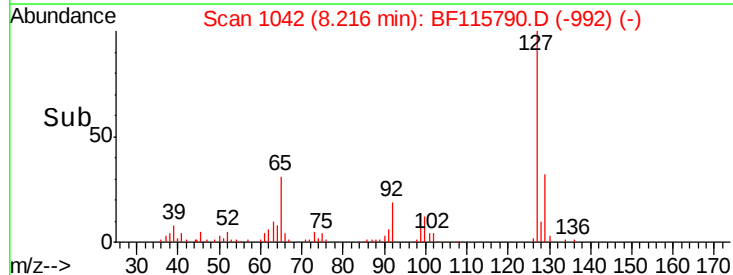
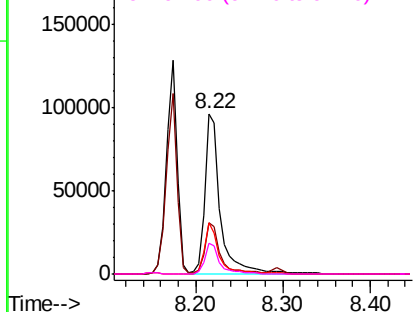


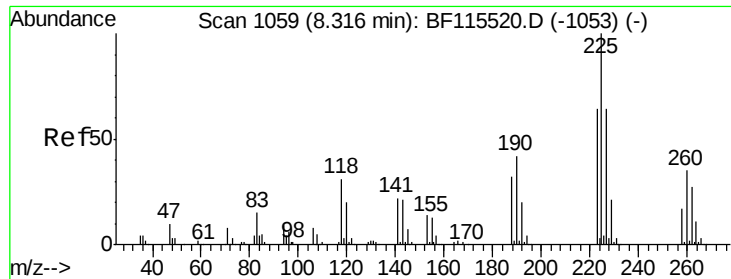
#33
4-Chloroaniline
Concen: 13.625 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:127 Resp: 118979
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 32.2 23.8 35.8
92 19.1 15.1 22.7



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

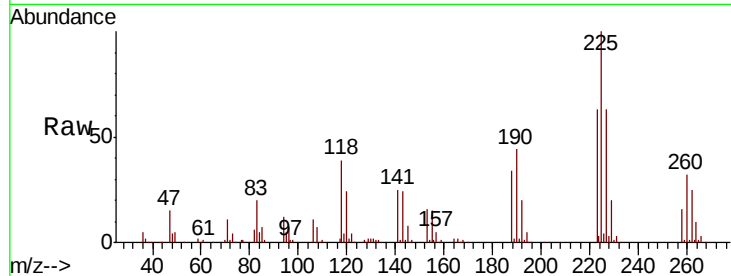




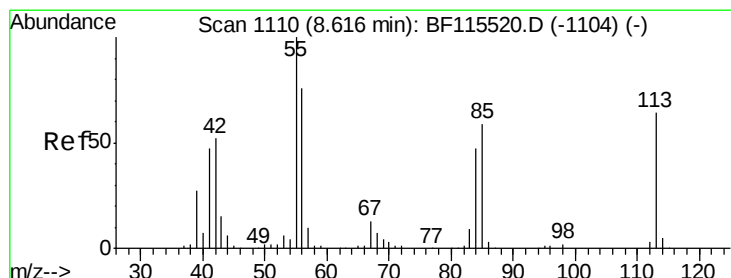
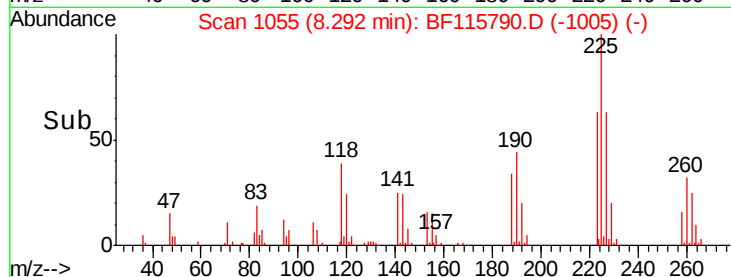
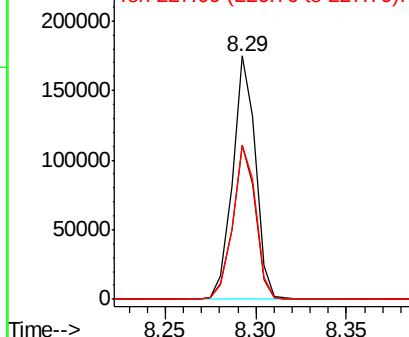
#34
Hexachlorobutadiene
Concen: 39.062 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.5	52.8	79.2

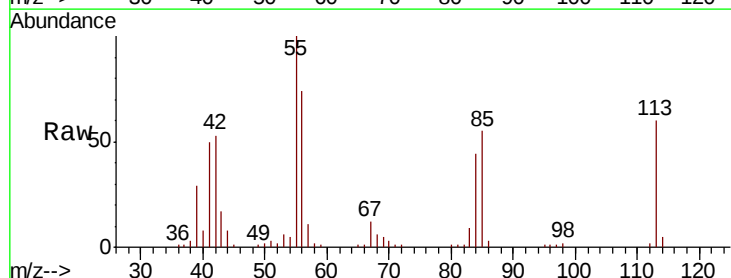


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

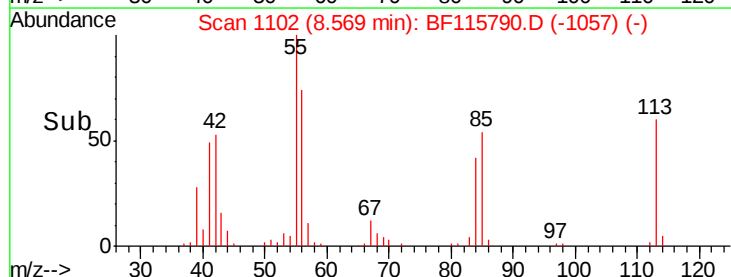
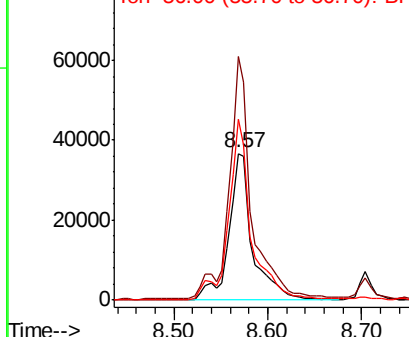


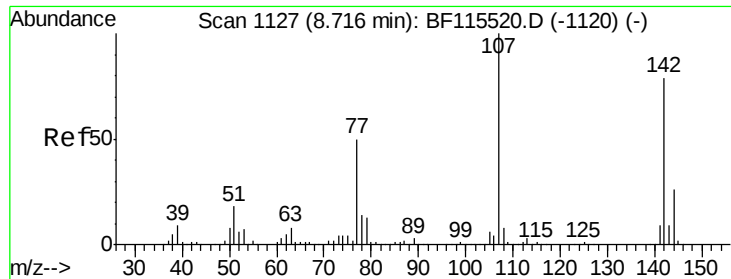
#35
Caprolactam
Concen: 34.227 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.04 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.4	130.5	170.5
56	123.4	93.1	133.1



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

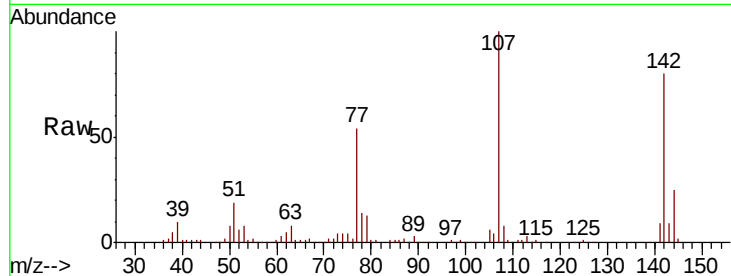




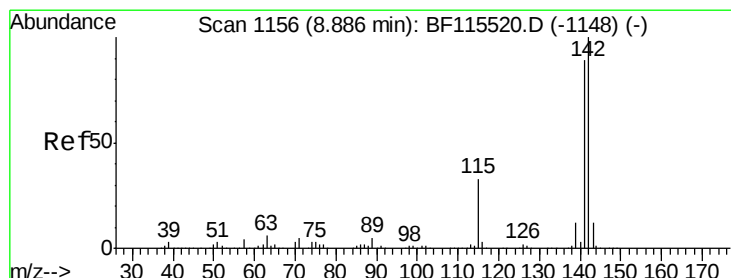
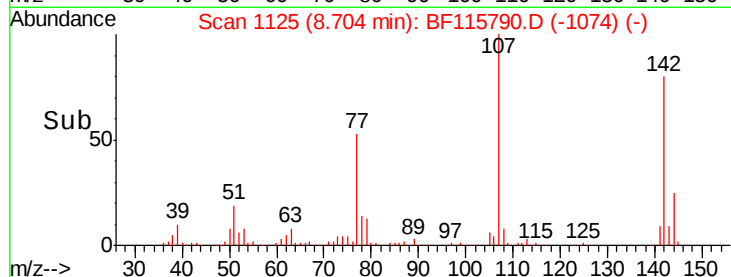
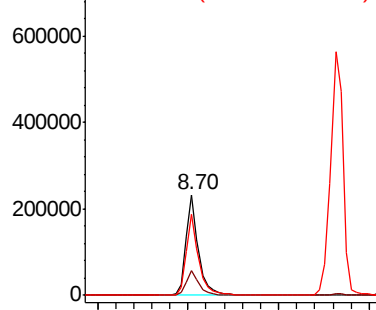
#36
 4-Chloro-3-methylphenol
 Concen: 35.697 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:107 Resp: 223947
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 80.3 62.3 93.5

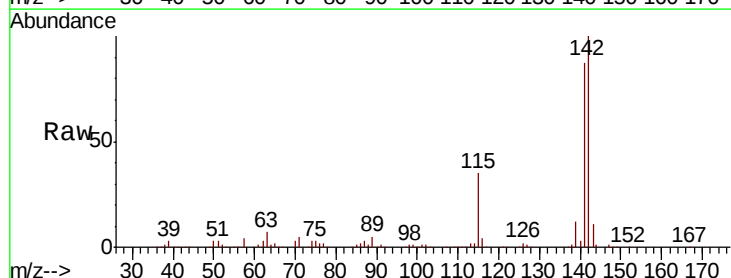


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

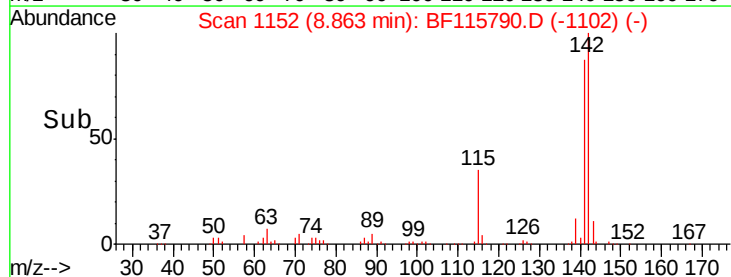
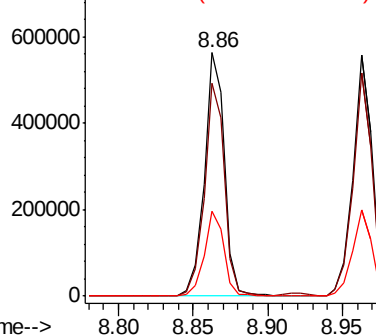


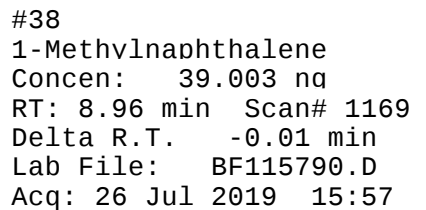
#37
 2-Methylnaphthalene
 Concen: 40.786 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:142 Resp: 533008
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.0 106.4
 115 35.1 27.7 41.5



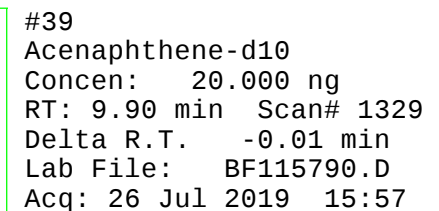
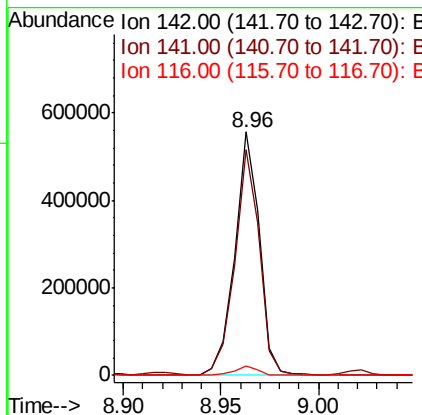
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E



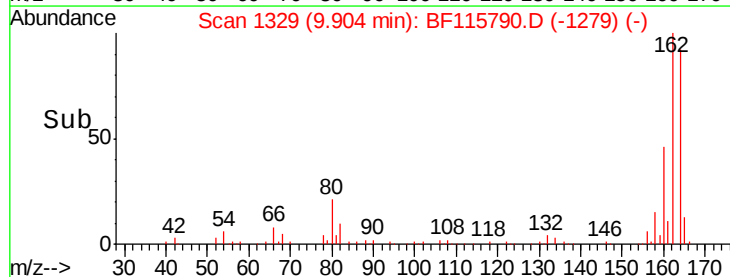
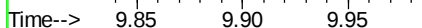
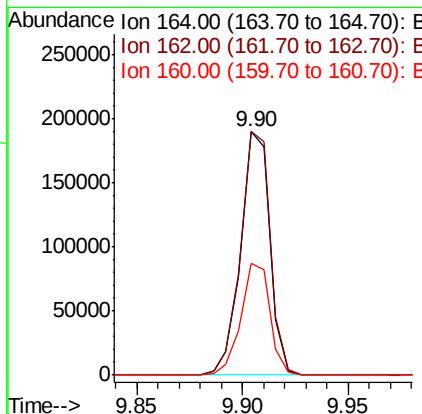


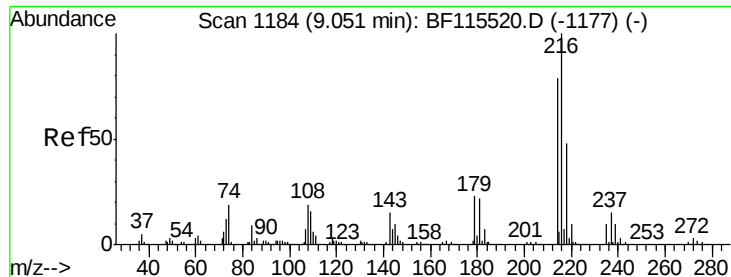
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot	Ion:142	Resp:	484135
Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.9	3.0	4.6



Tgt	Ion:164	Resp:	181077
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.6
160	46.1	37.5	56.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.794 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

Tot Ion:216 Resp: 227900

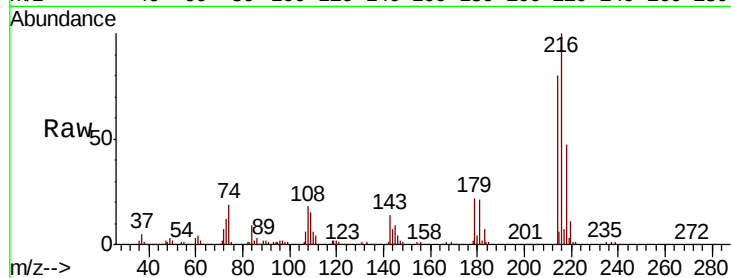
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 21.6 17.4 26.2

108 20.3 16.6 25.0

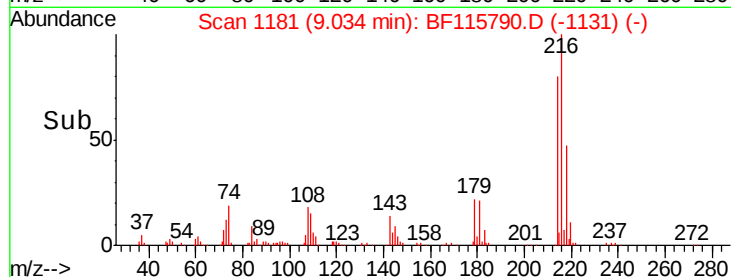


Abundance Ion 216.00 (215.70 to 216.70): E

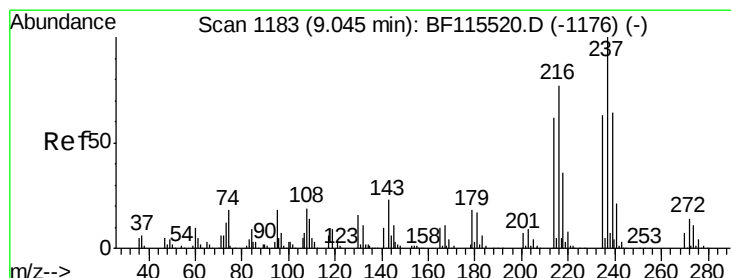
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

Hexachlorocyclopentadiene

Concen: 25.975 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

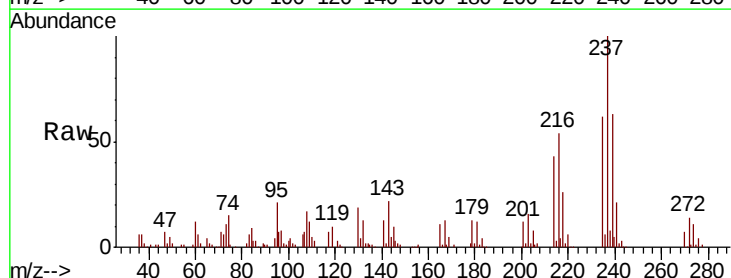
Tgt Ion:237 Resp: 80797

Ion Ratio Lower Upper

237 100

235 62.3 44.3 84.3

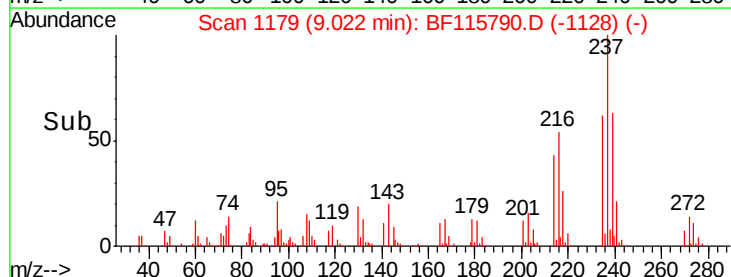
272 13.6 0.0 33.0



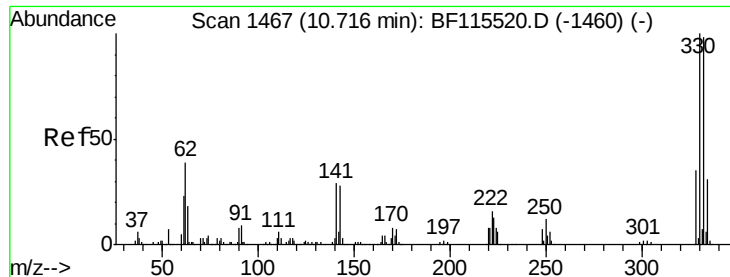
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



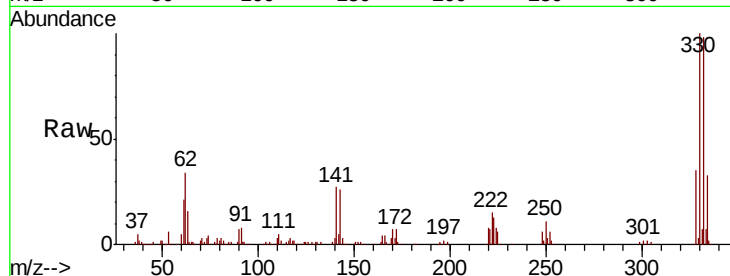
Time-->



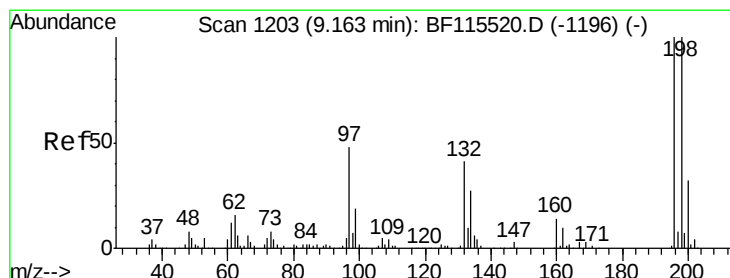
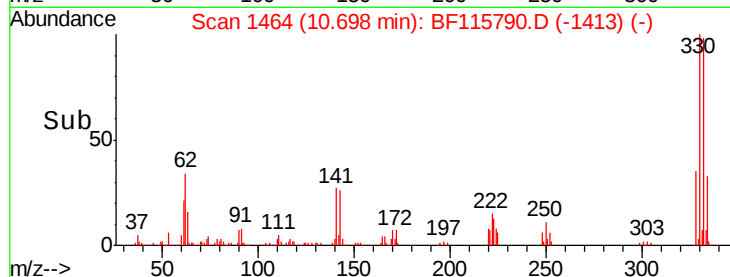
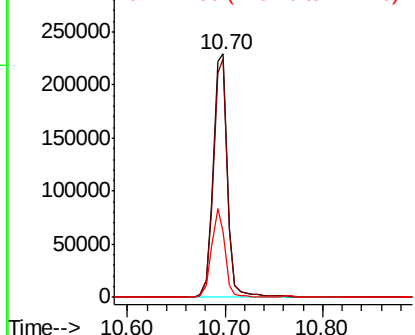
#42
 2,4,6-Tribromophenol
 Concen: 110.617 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:330 Resp: 233801
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.1 114.1
 141 34.4 25.9 38.9

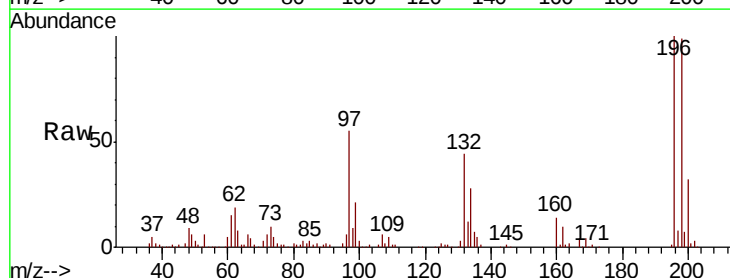


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

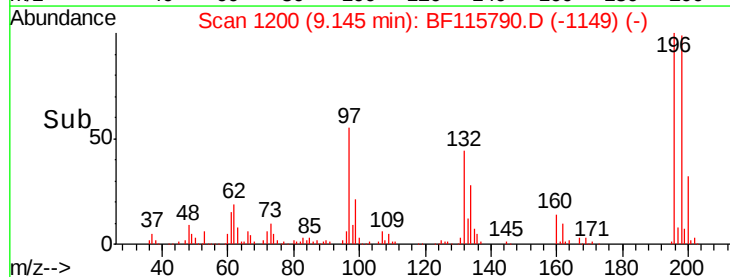
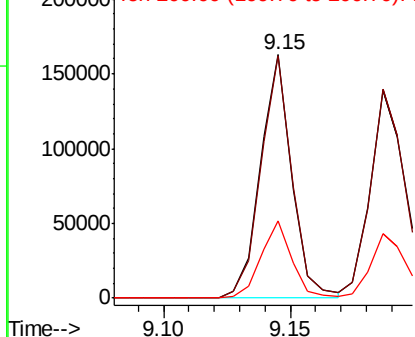


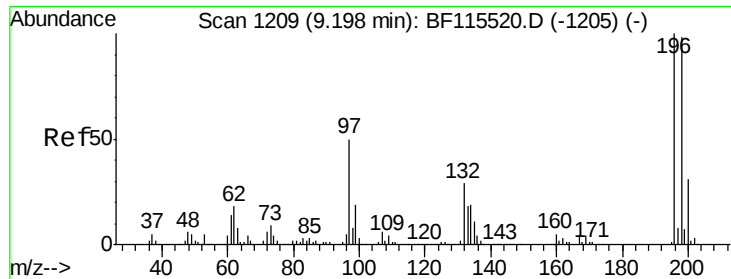
#43
 2,4,6-Trichlorophenol
 Concen: 35.286 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:196 Resp: 140707
 Ion Ratio Lower Upper
 196 100
 198 99.5 79.8 119.6
 200 31.7 25.4 38.0



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

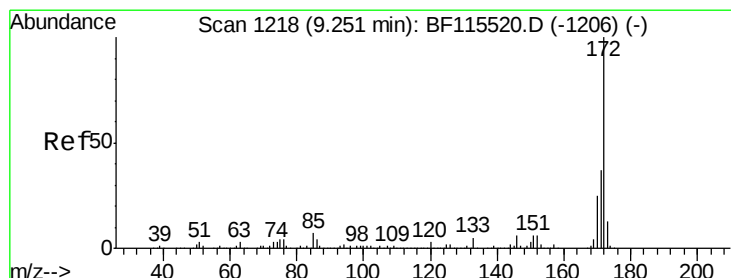
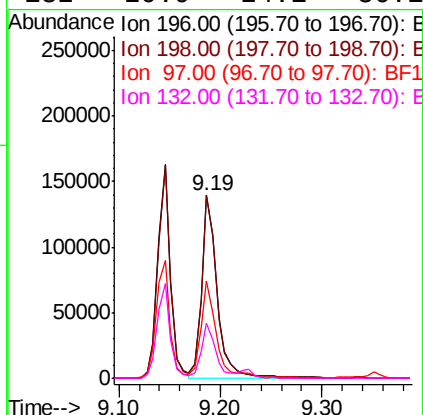
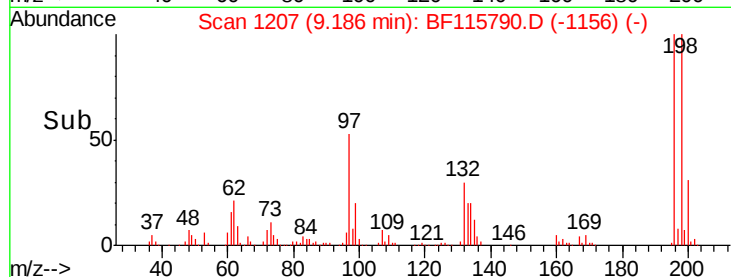
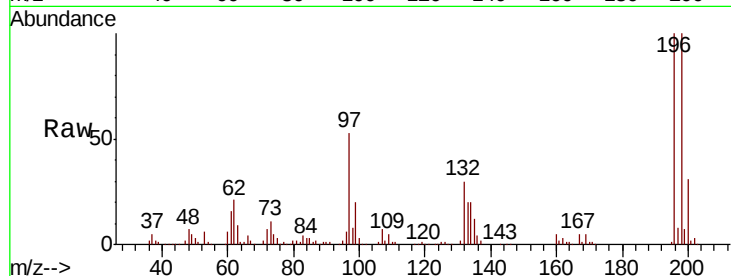




#44
 2,4,5-Trichlorophenol
 Concen: 36.045 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

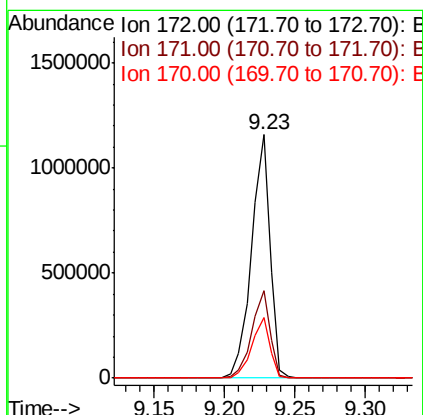
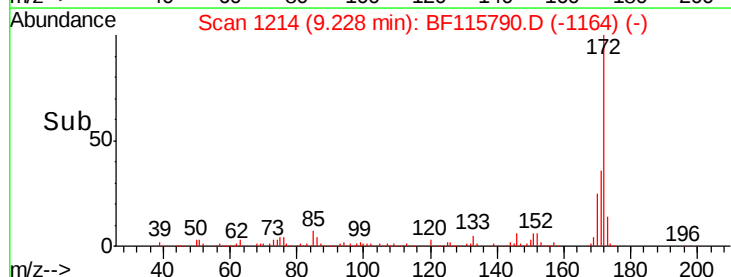
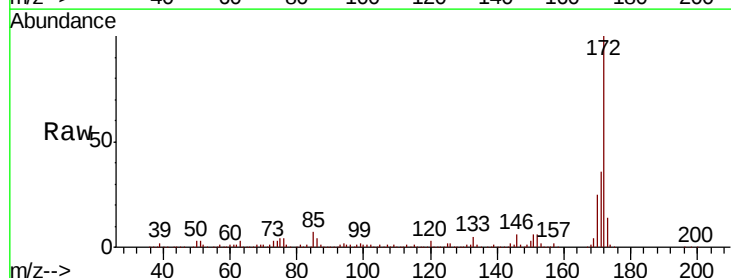
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

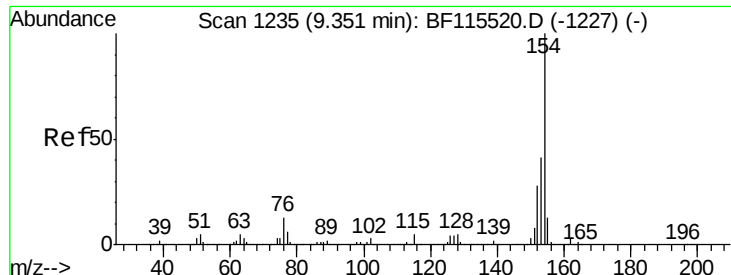
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.2	117.2
97	53.6	41.9	62.9
132	29.9	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 103.768 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.9	20.1	30.1

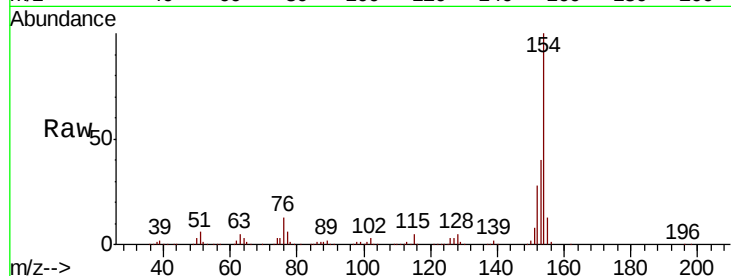




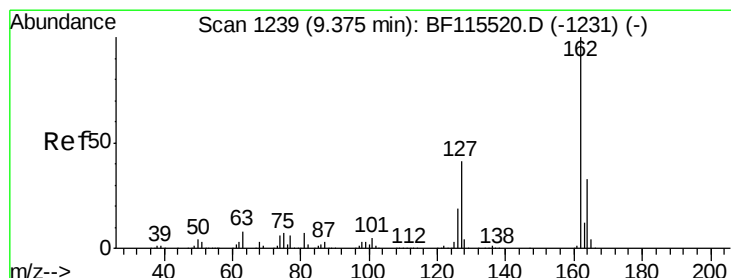
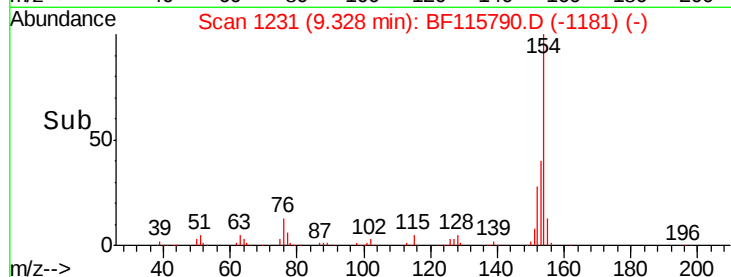
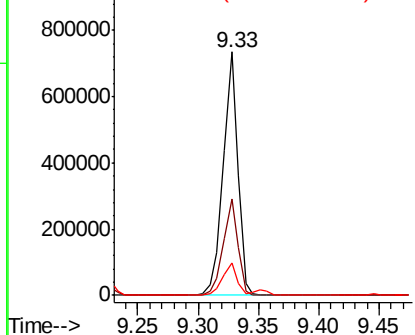
#46
 1,1'-Biphenyl
 Concen: 43.548 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:154 Resp: 616483
 Ion Ratio Lower Upper
 154 100
 153 39.8 21.4 61.4
 76 13.3 0.0 33.2

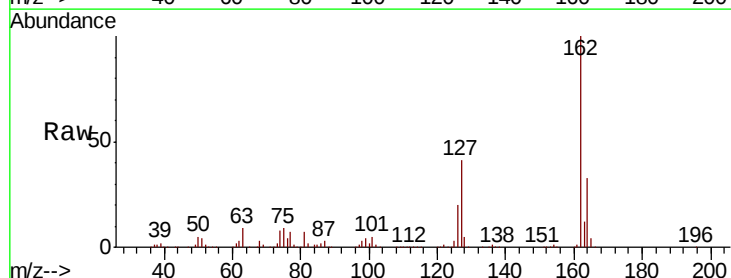


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

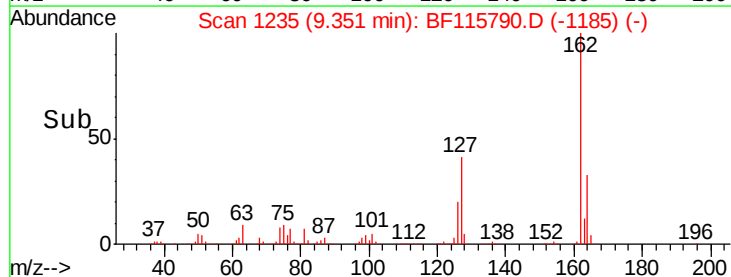
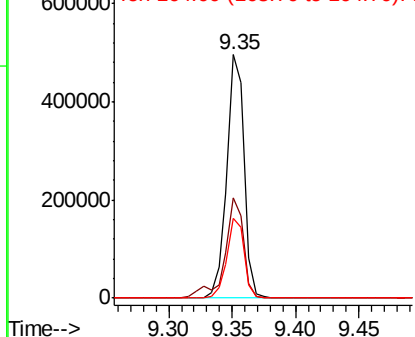


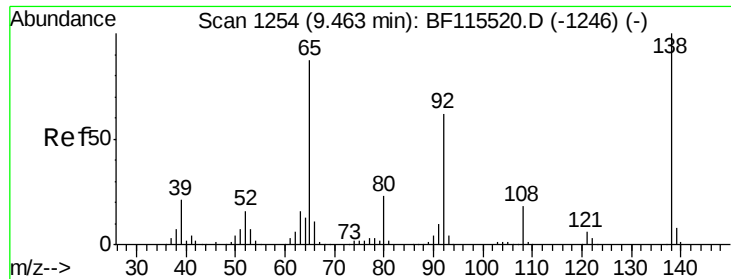
#47
 2-Chloronaphthalene
 Concen: 39.658 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:162 Resp: 467466
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.1 48.1
 164 33.0 26.2 39.4



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

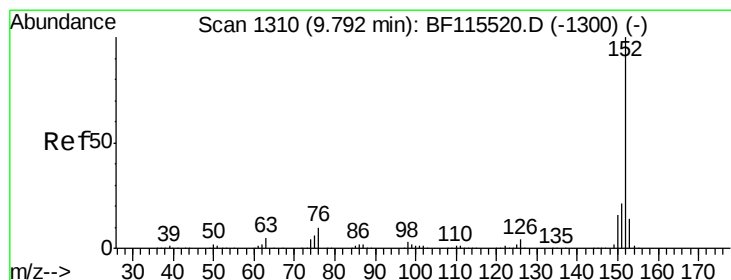
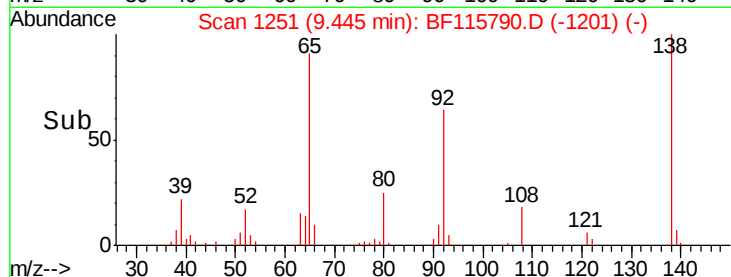
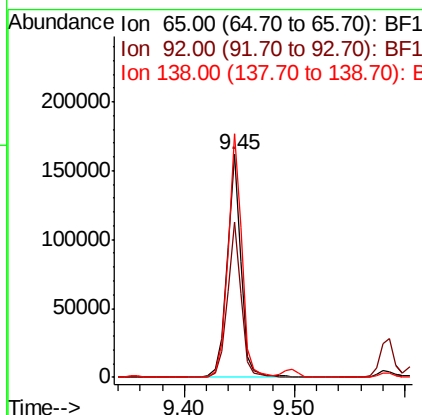
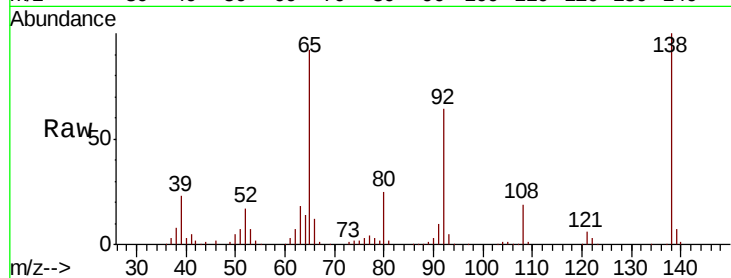




#48
 2-Nitroaniline
 Concen: 39.221 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

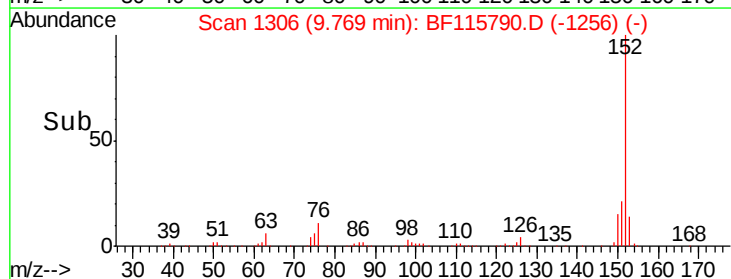
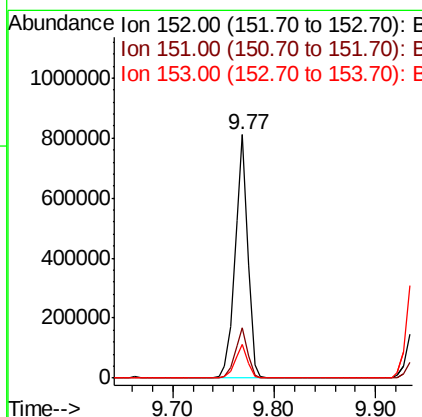
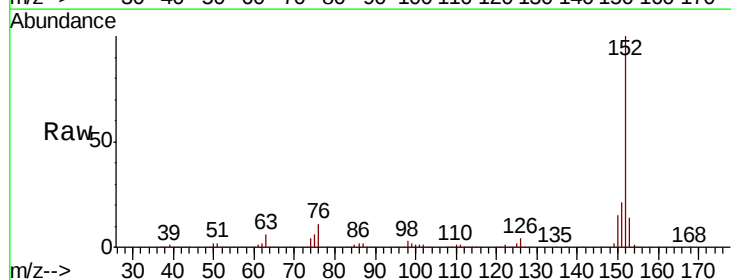
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

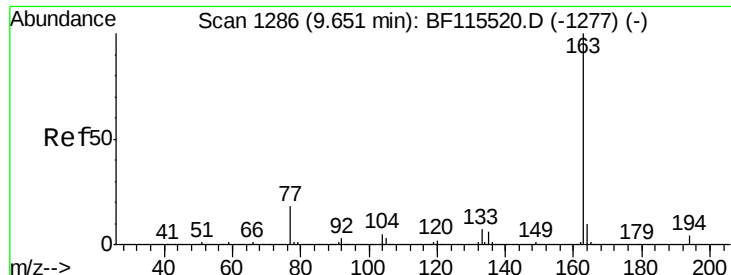
Tot Ion:	65	Resp:	143092
Ion	Ratio	Lower	Upper
65	100		
92	69.5	56.9	85.3
138	109.3	91.4	137.2



#49
 Acenaphthylene
 Concen: 40.333 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:	152	Resp:	704451
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	14.1	11.5	17.3

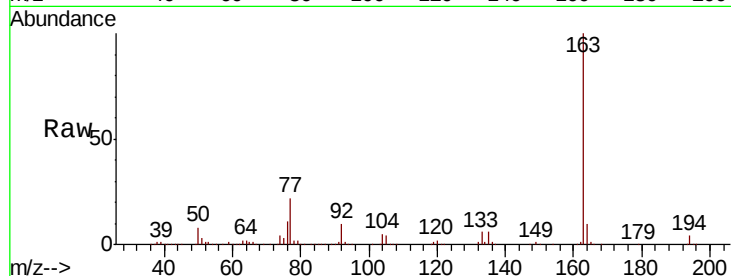




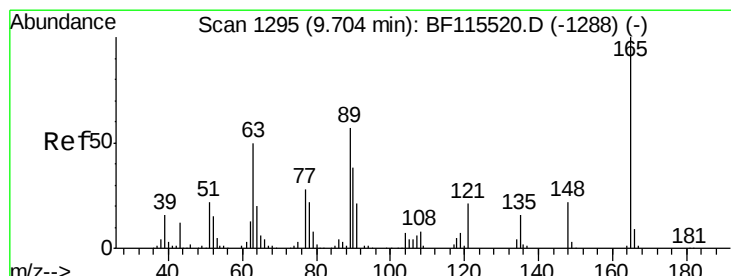
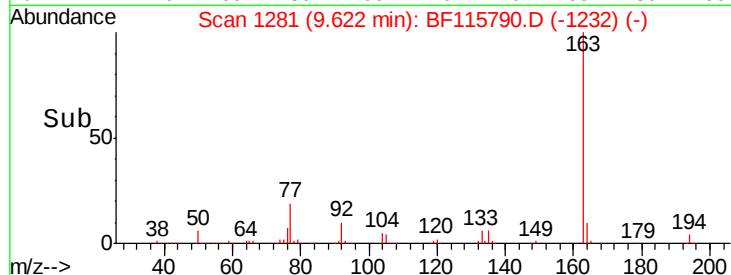
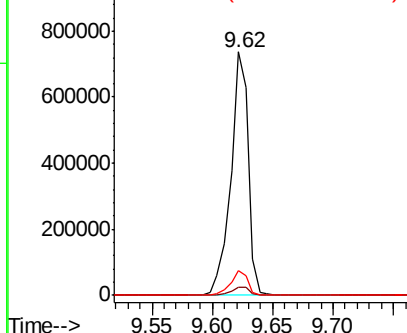
#50
Dimethylphthalate
Concen: 54.523 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion:163 Resp: 742799
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.4 8.3 12.5

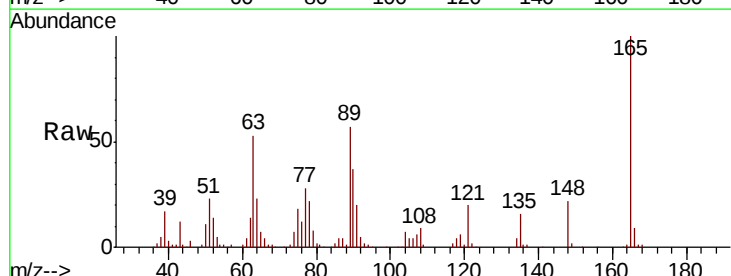


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

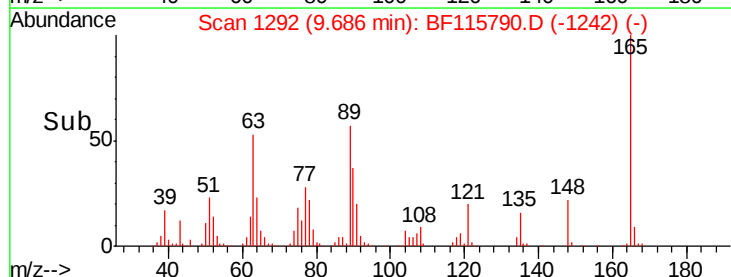
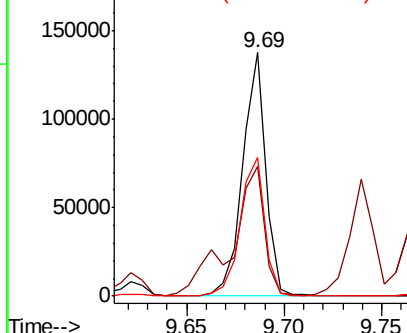


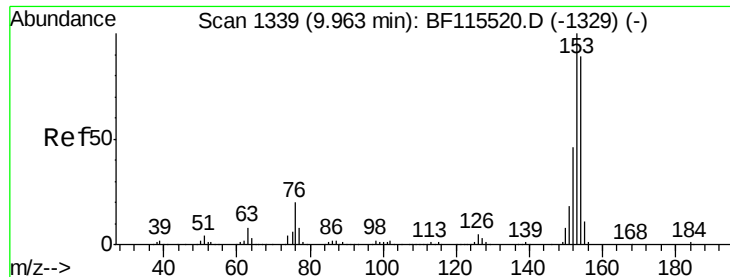
#51
2,6-Dinitrotoluene
Concen: 36.292 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:165 Resp: 112364
Ion Ratio Lower Upper
165 100
63 53.1 43.5 65.3
89 57.0 46.3 69.5



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





#52

Acenaphthene

Concen: 36.521 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

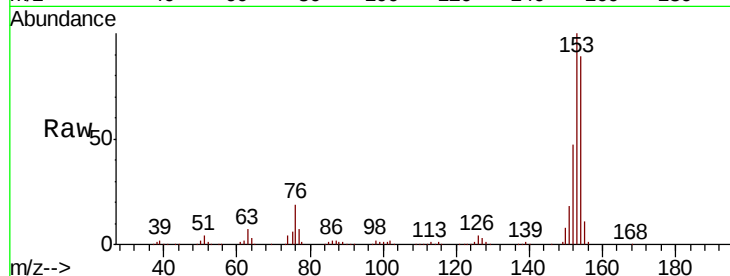
Tot Ion:154 Resp: 411826

Ion Ratio Lower Upper

154 100

153 112.8 88.1 132.1

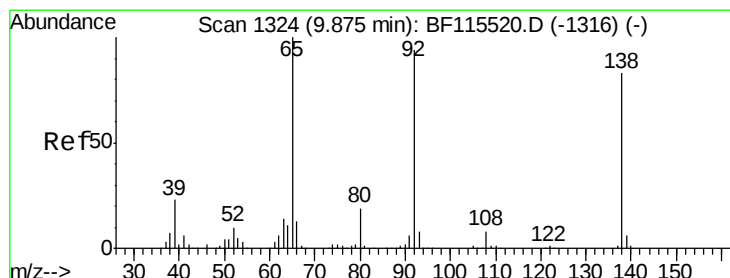
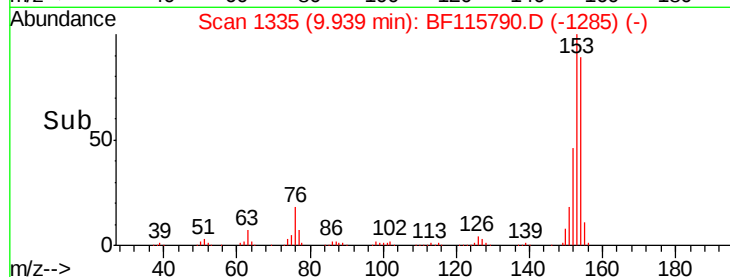
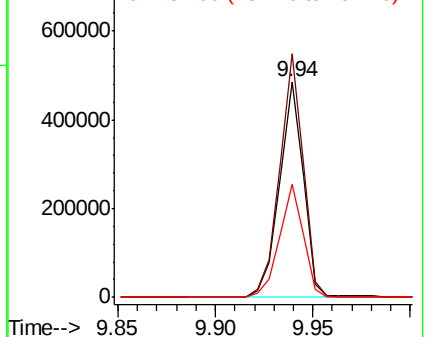
152 52.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 25.058 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

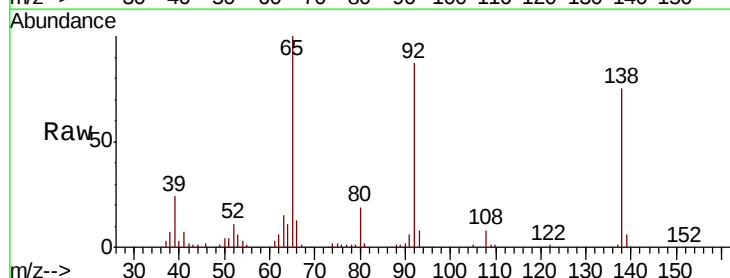
Tgt Ion:138 Resp: 88657

Ion Ratio Lower Upper

138 100

108 10.8 7.9 11.9

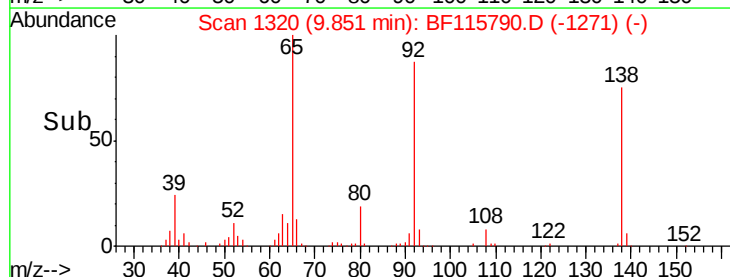
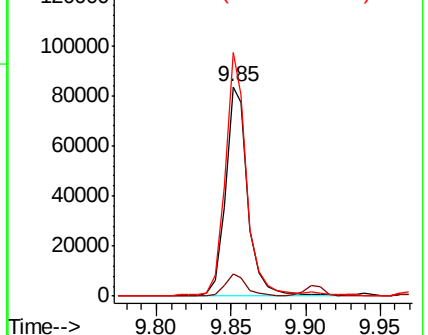
92 116.2 87.2 130.8

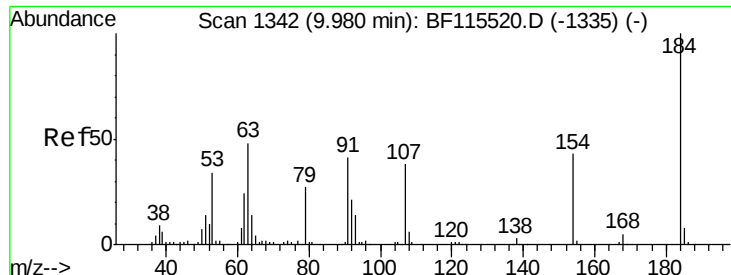


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

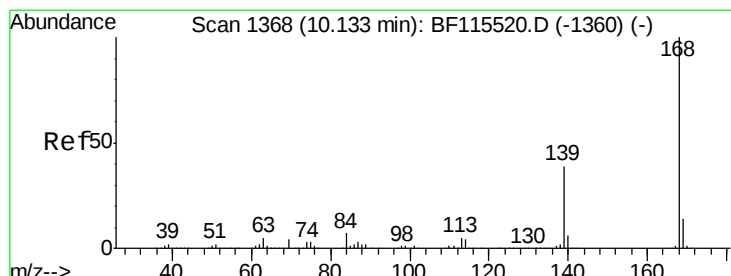
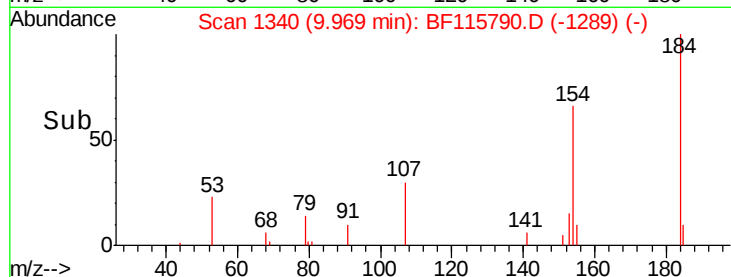
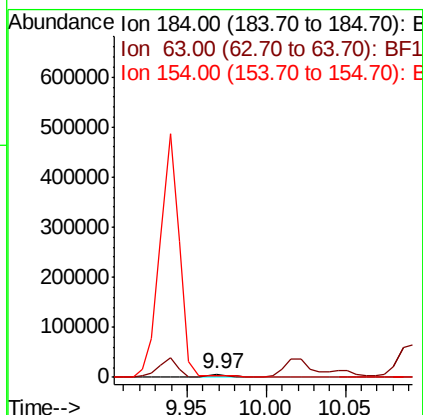
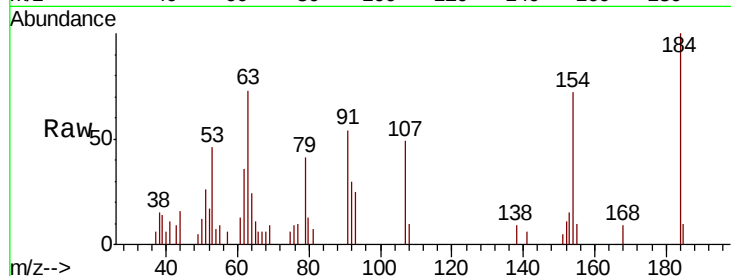




#54
2,4-Dinitrophenol
Concen: 5.391 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

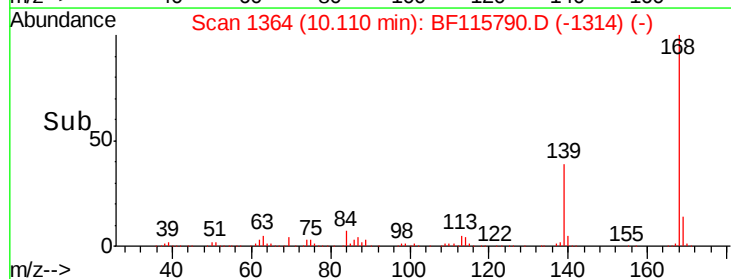
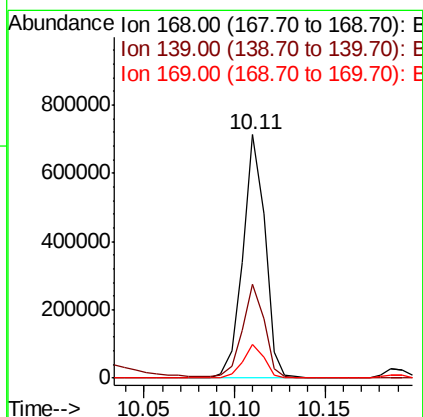
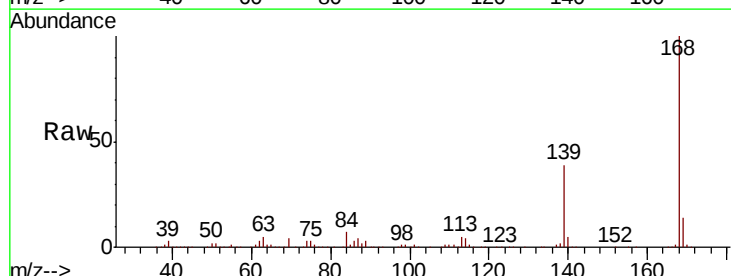
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

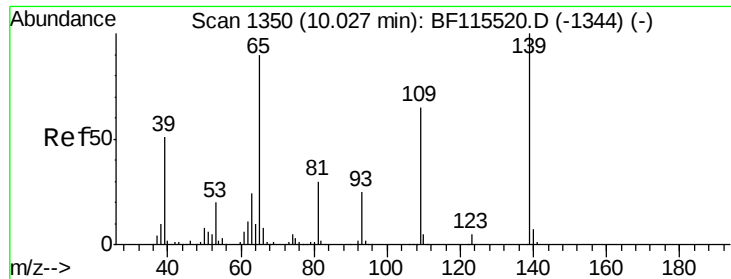
Tot Ion:184 Resp: 8570
Ion Ratio Lower Upper
184 100
63 72.9 55.2 82.8
154 71.6 51.4 77.0



#55
Dibenzofuran
Concen: 37.956 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:168 Resp: 607819
Ion Ratio Lower Upper
168 100
139 38.6 31.4 47.2
169 13.7 11.3 16.9

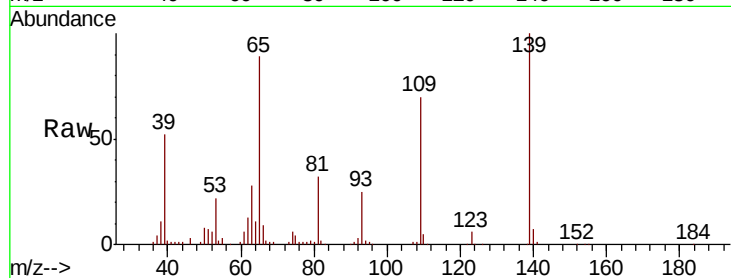




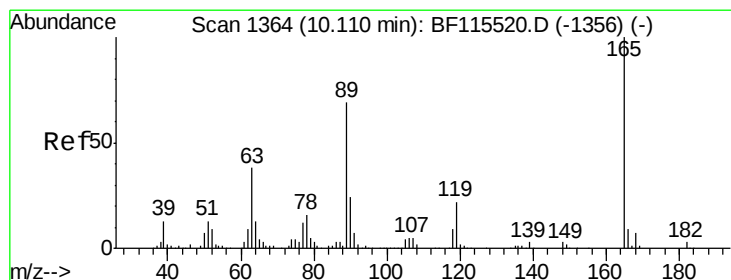
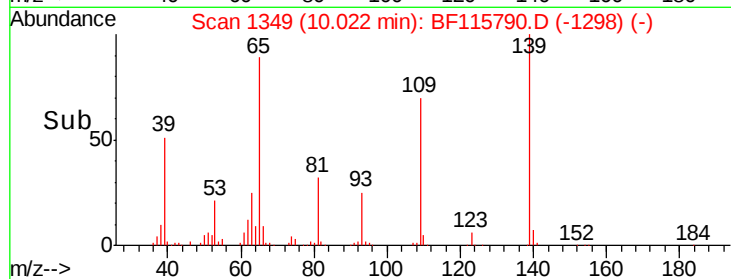
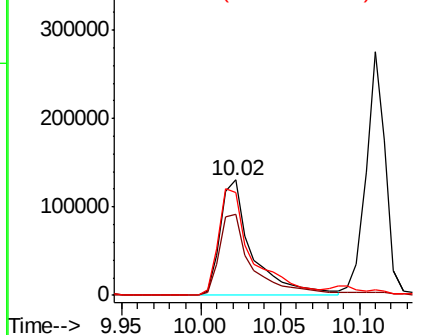
#56
4-Nitrophenol
Concen: 67.557 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion:139 Resp: 182265
Ion Ratio Lower Upper
139 100
109 70.4 51.2 91.2
65 89.4 76.0 116.0



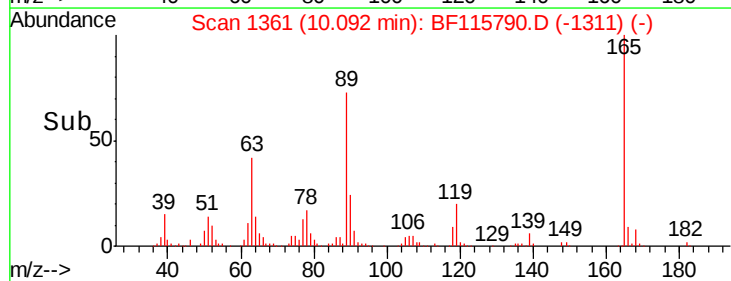
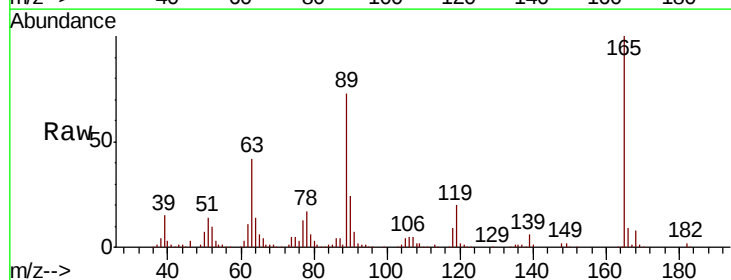
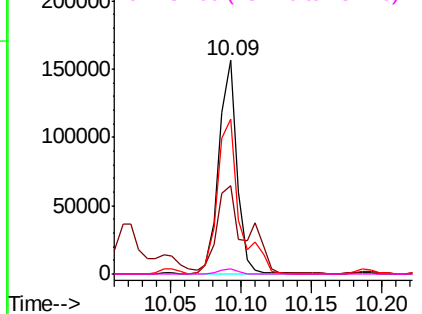
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

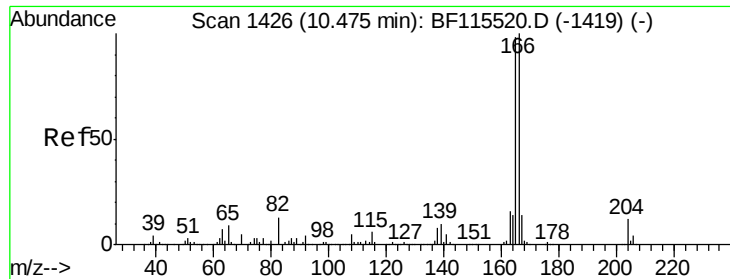


#57
2,4-Dinitrotoluene
Concen: 34.995 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:165 Resp: 140369
Ion Ratio Lower Upper
165 100
63 41.6 33.4 50.2
89 72.5 57.3 85.9
182 2.5 2.1 3.1

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: 39.867 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

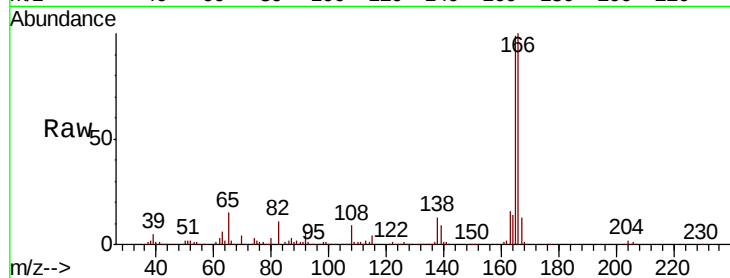
Tot Ion:166 Resp: 456392

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.4

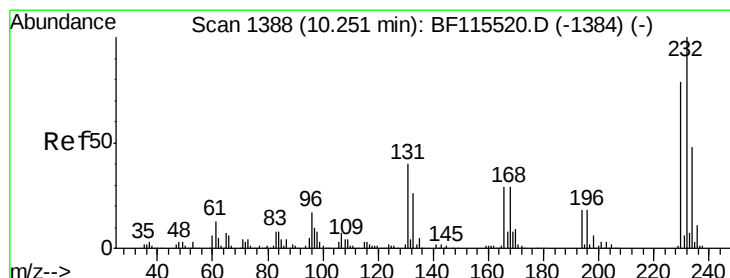
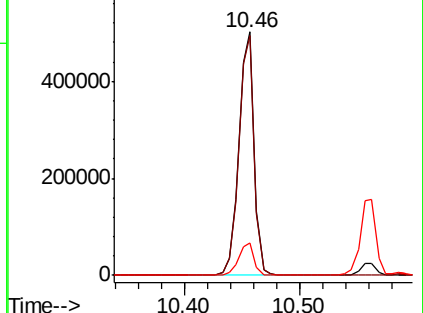
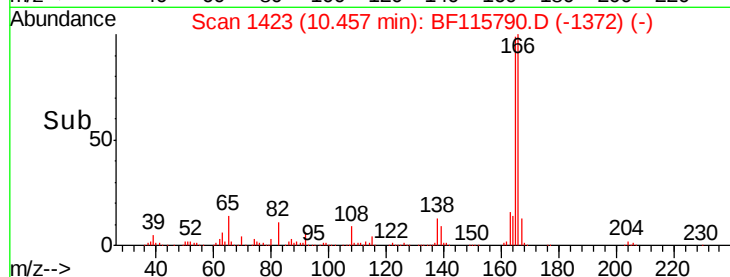
167 13.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 34.414 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Tgt Ion:232 Resp: 117483

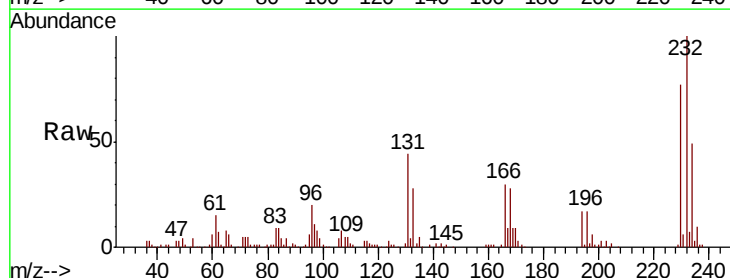
Ion Ratio Lower Upper

232 100

131 47.0 35.8 53.8

130 2.3 1.8 2.6

166 29.6 23.6 35.4

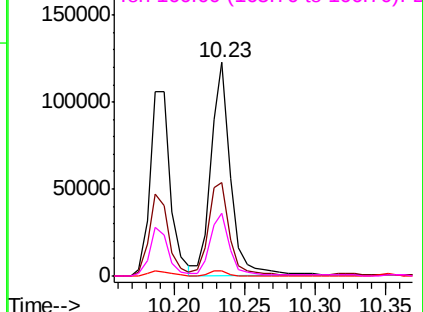
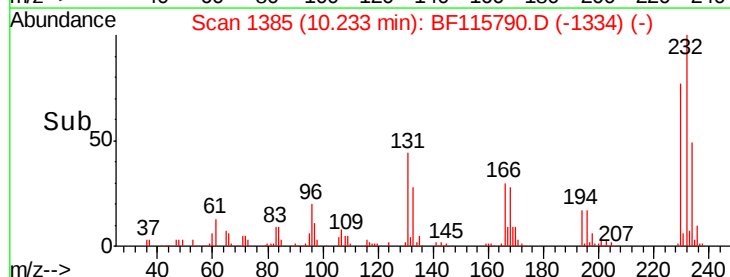


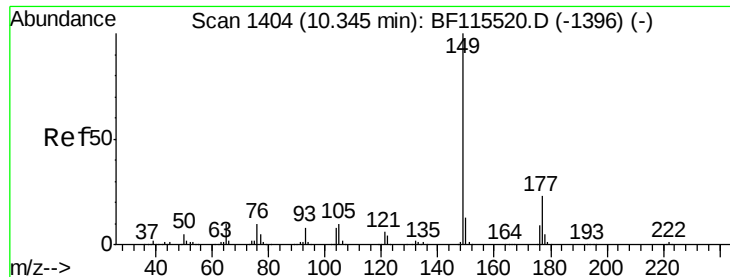
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

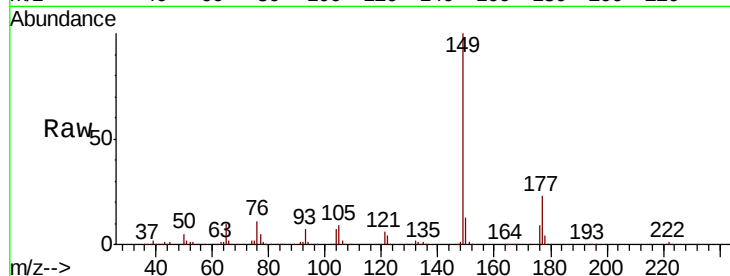




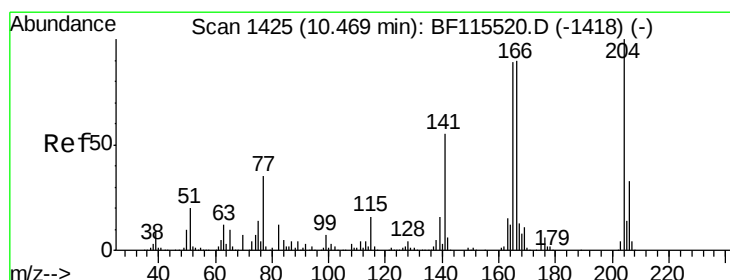
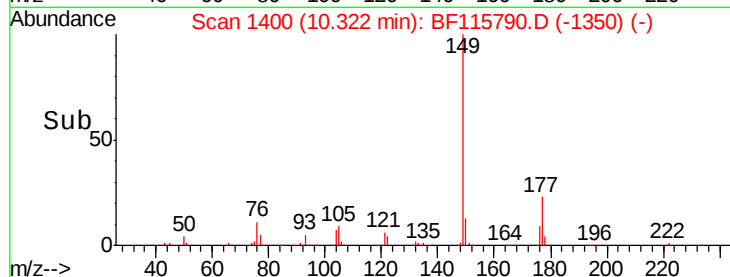
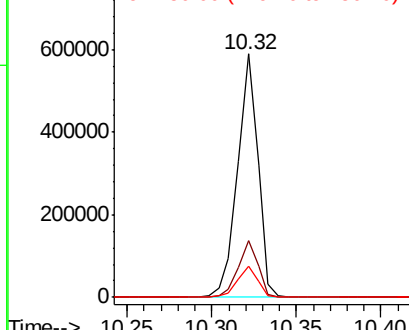
#60
Diethylphthalate
Concen: 38.777 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion:149 Resp: 494981
Ion Ratio Lower Upper
149 100
177 23.1 19.0 28.4
150 12.8 10.5 15.7

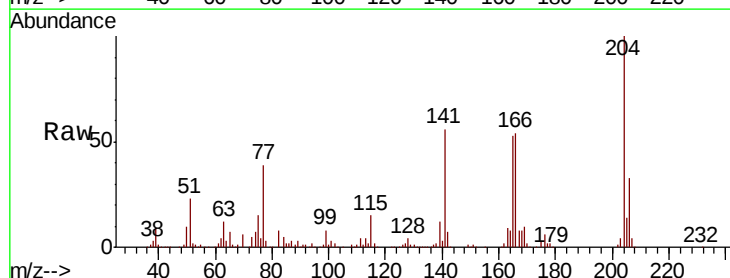


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

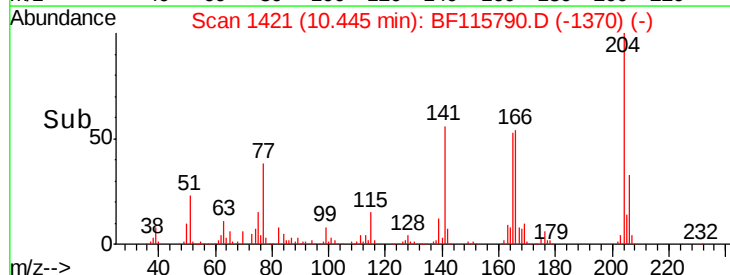
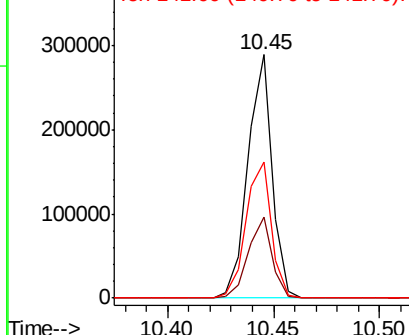


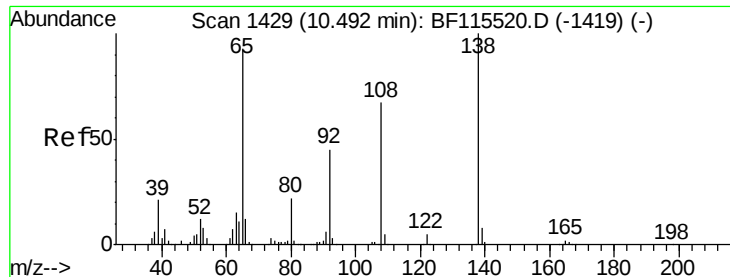
#61
4-Chlorophenyl-phenylether
Concen: 36.277 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:204 Resp: 230305
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 55.9 47.3 70.9



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

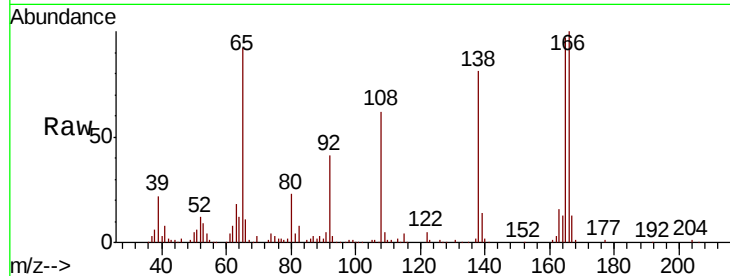




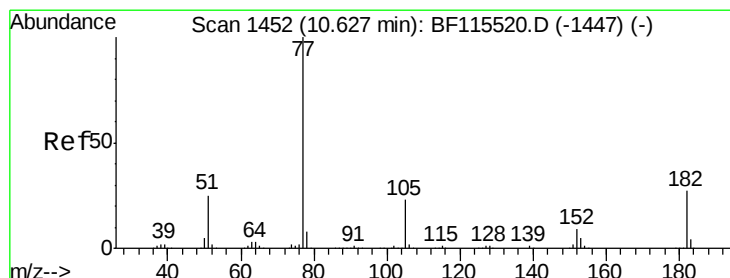
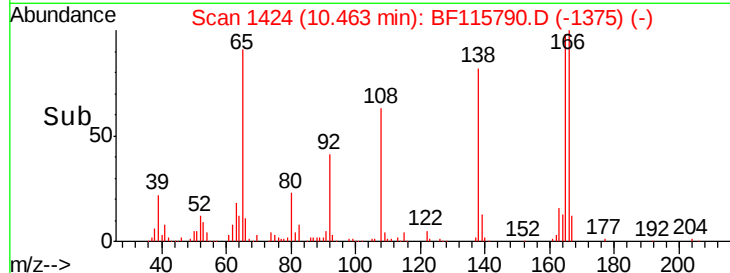
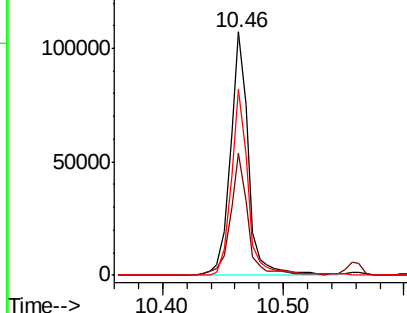
#62
4-Nitroaniline
Concen: 32.893 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

Tot Ion:138 Resp: 111630
Ion Ratio Lower Upper
138 100
92 50.0 30.3 70.3
108 76.6 55.0 95.0



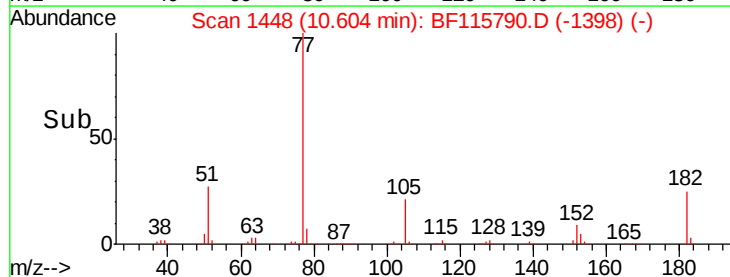
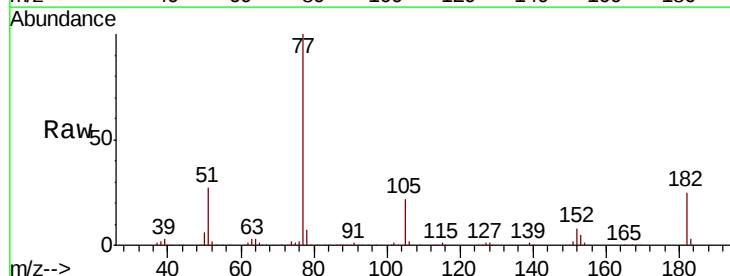
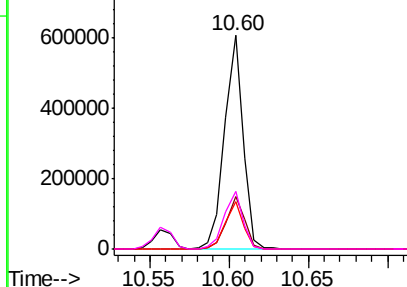
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

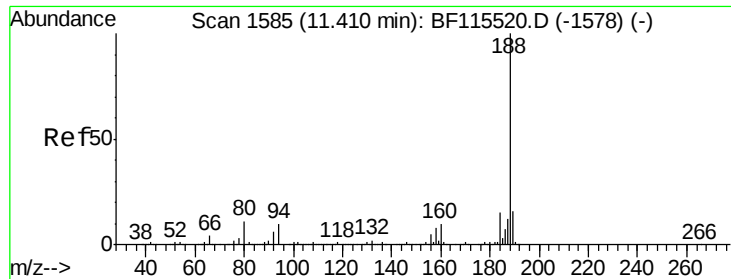


#63
Azobenzene
Concen: 39.614 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion: 77 Resp: 490476
Ion Ratio Lower Upper
77 100
182 24.7 6.9 46.9
105 22.0 3.1 43.1
51 26.8 6.7 46.7

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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

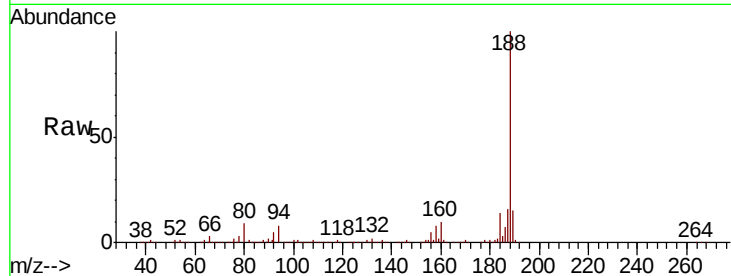
Tot Ion:188 Resp: 296478

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

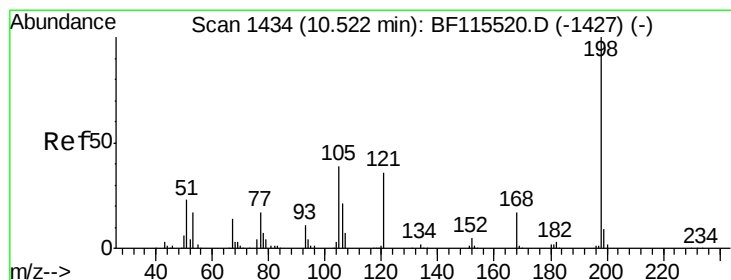
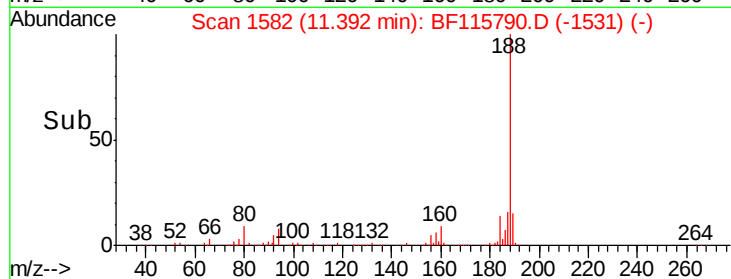
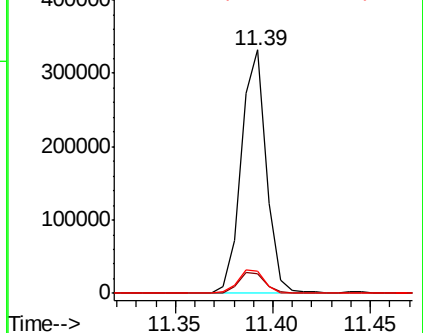
80 9.1 9.0 13.6



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: 9.361 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

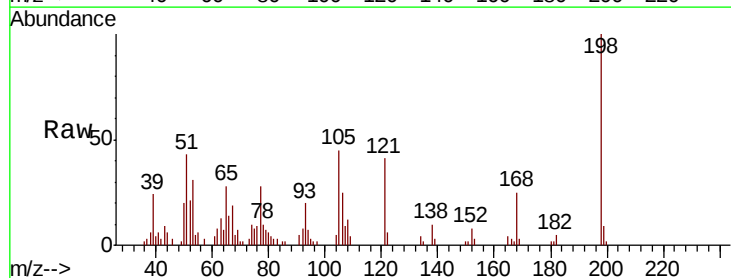
Tgt Ion:198 Resp: 16957

Ion Ratio Lower Upper

198 100

51 43.1 20.3 60.3

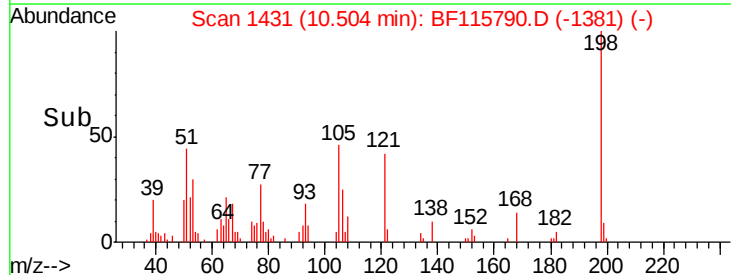
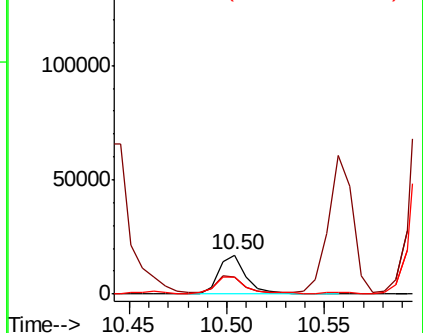
105 44.7 24.7 64.7

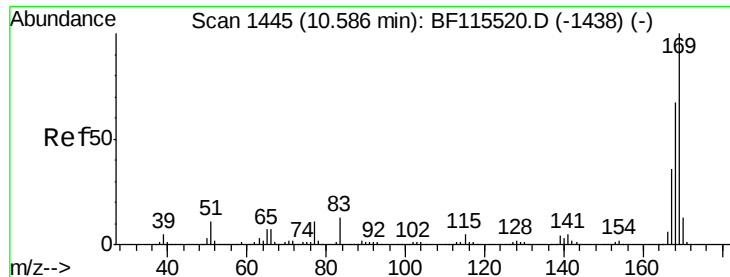


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

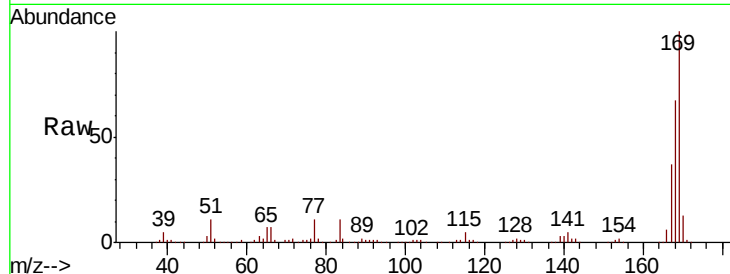




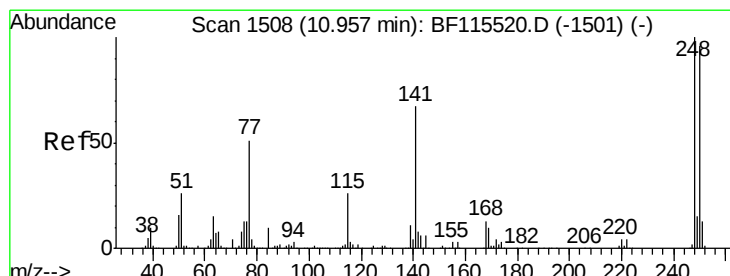
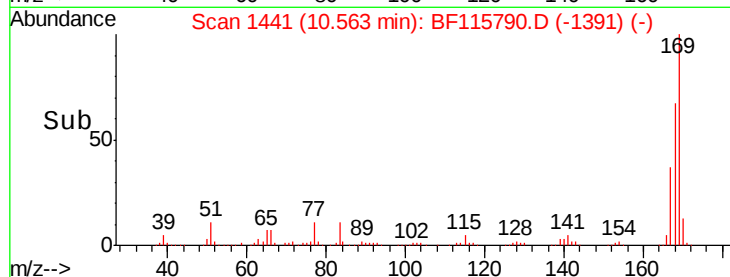
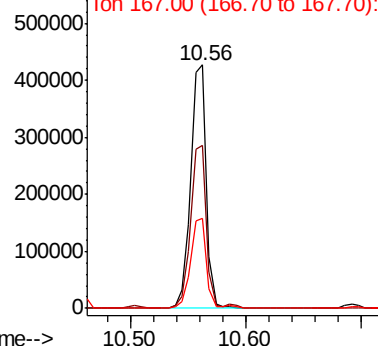
#66
 n-Nitrosodiphenylamine
 Concen: 43.459 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:169 Resp: 400797
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.0
 167 36.9 29.1 43.7

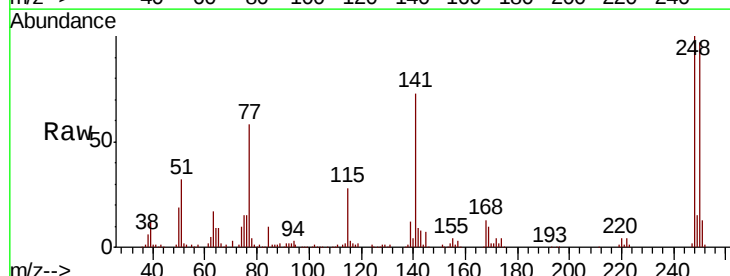


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

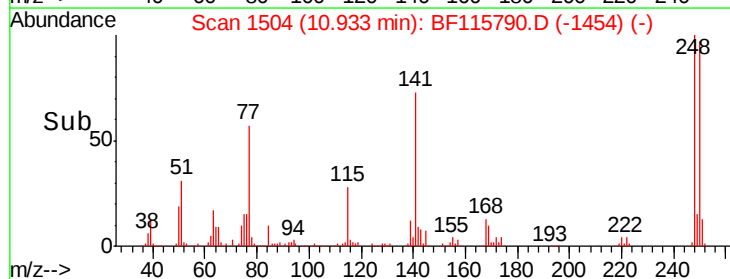
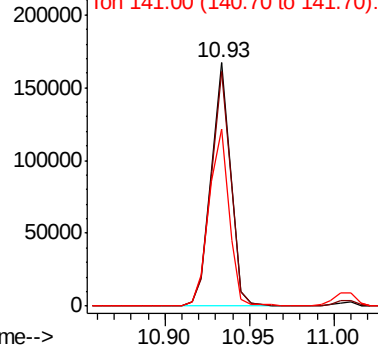


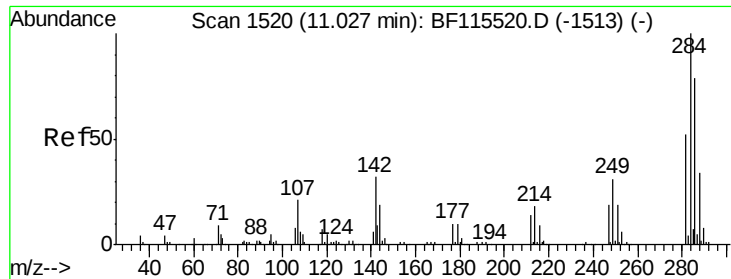
#67
 4-Bromophenyl-phenylether
 Concen: 39.628 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:248 Resp: 134262
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.4
 141 72.9 52.1 78.1



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





#68

Hexachlorobenzene

Concen: 38.390 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

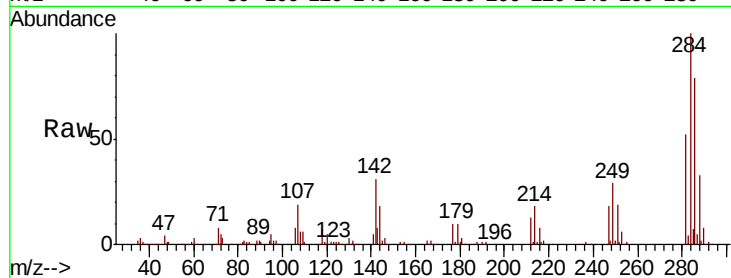
Tot Ion:284 Resp: 148536

Ion Ratio Lower Upper

284 100

142 30.7 21.8 32.8

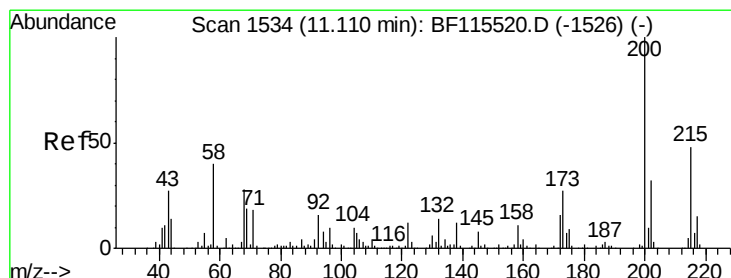
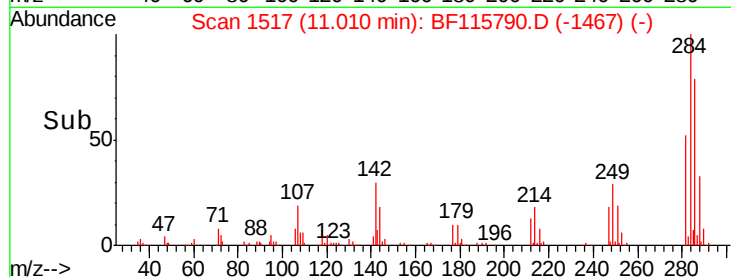
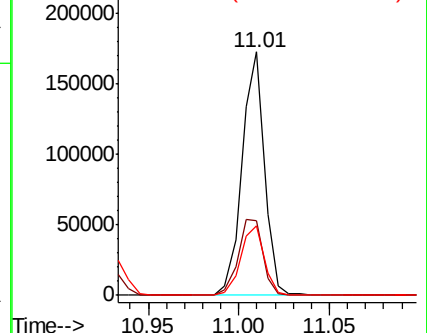
249 28.8 23.1 34.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 40.872 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

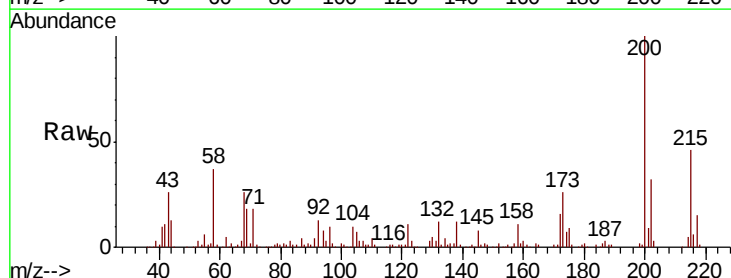
Tgt Ion:200 Resp: 123657

Ion Ratio Lower Upper

200 100

173 25.6 6.9 46.9

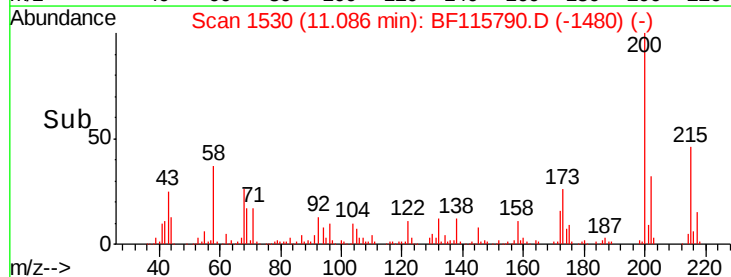
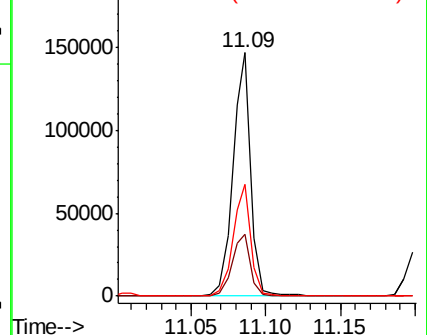
215 45.7 26.6 66.6

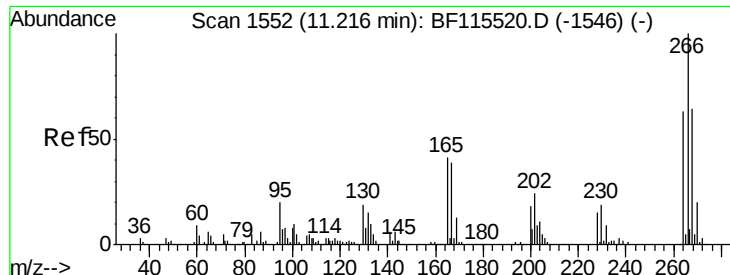


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

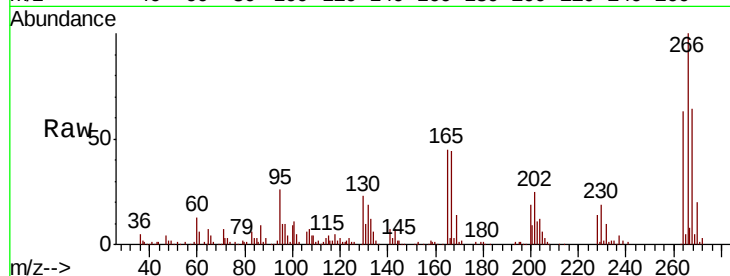




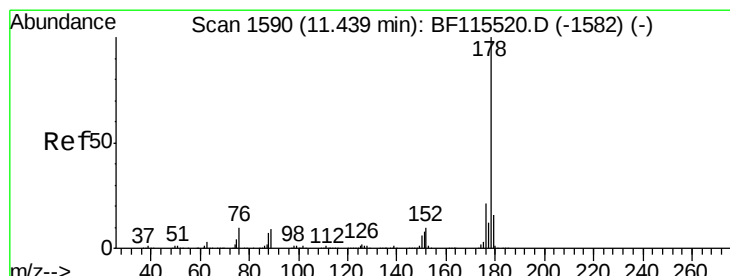
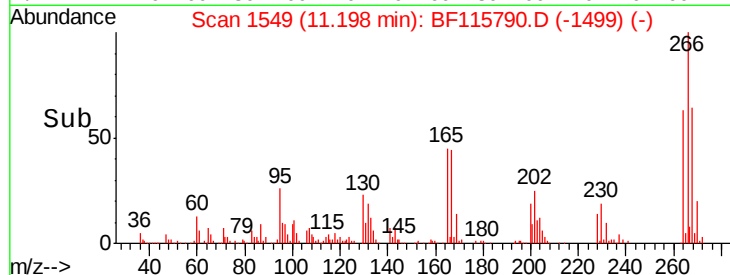
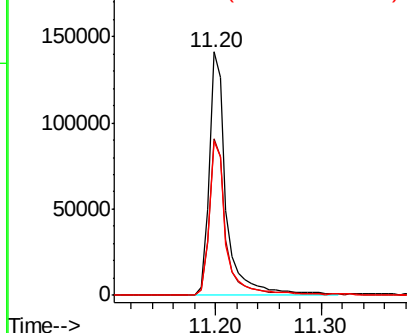
#70
 Pentachlorophenol
 Concen: 67.933 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion:266 Resp: 160760
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 63.3 50.0 75.0

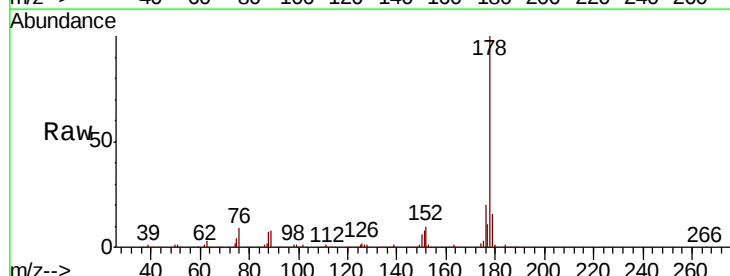


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

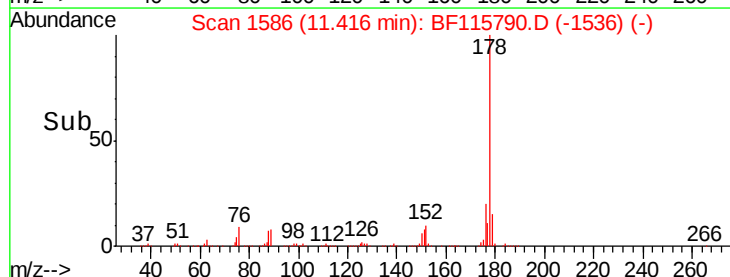
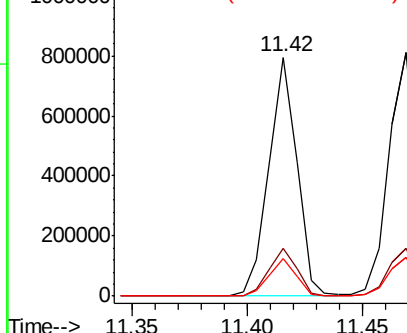


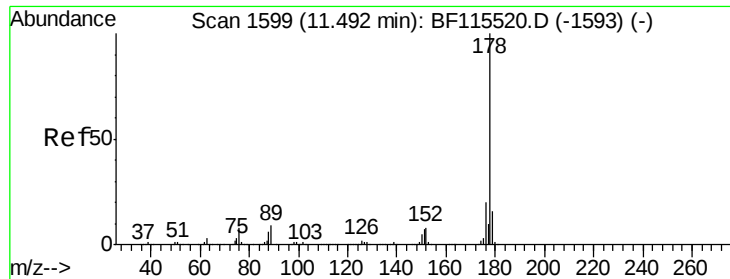
#71
 Phenanthrene
 Concen: 44.473 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:178 Resp: 675859
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.4 24.6
 179 15.8 12.7 19.1



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





#72

Anthracene

Concen: 44.244 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

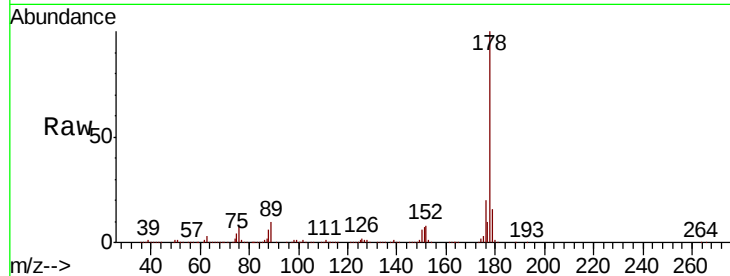
Tot Ion:178 Resp: 694889

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

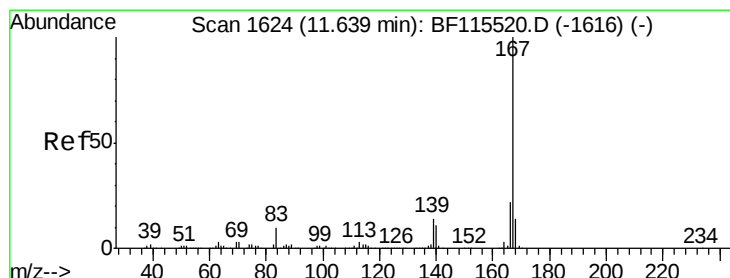
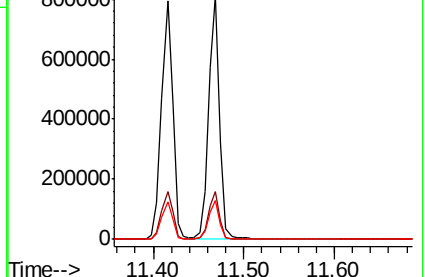
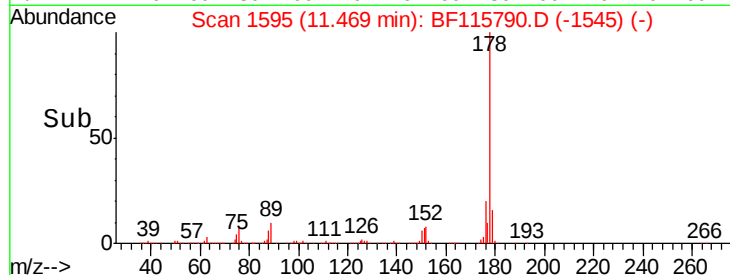
179 15.9 12.6 18.8



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: 45.932 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

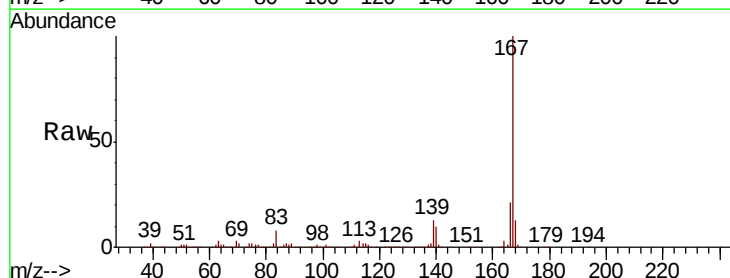
Tgt Ion:167 Resp: 632605

Ion Ratio Lower Upper

167 100

166 21.2 18.0 27.0

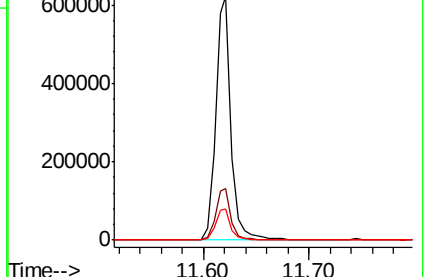
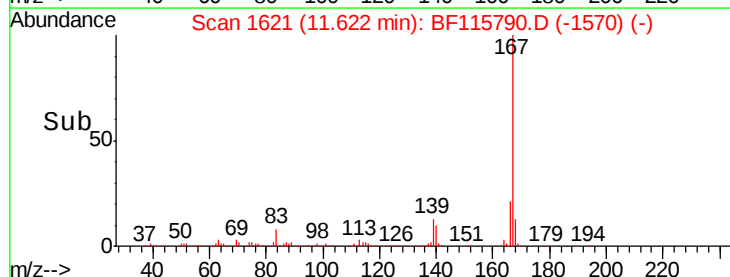
139 13.0 11.1 16.7

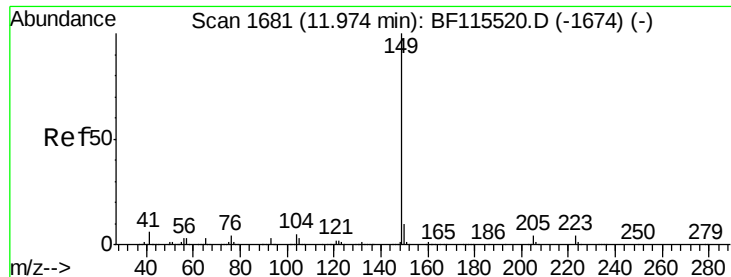


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

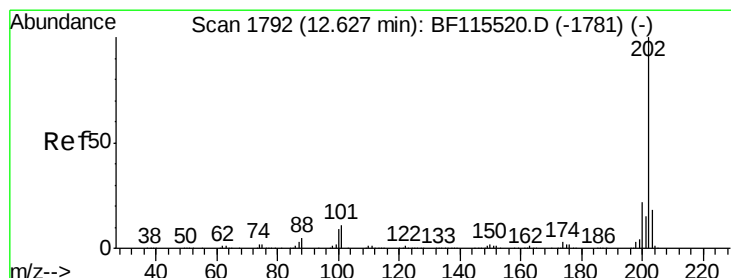
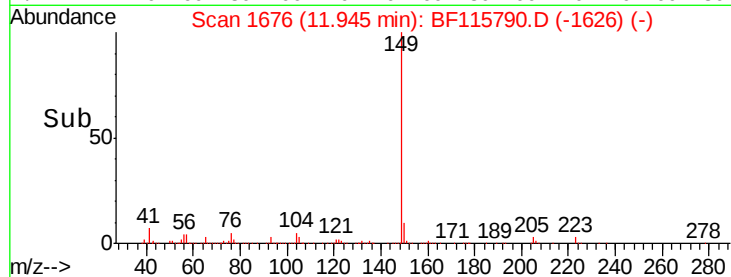
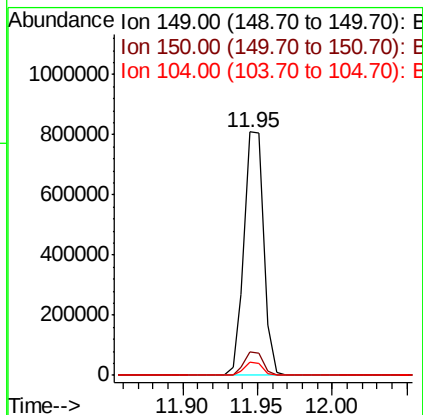
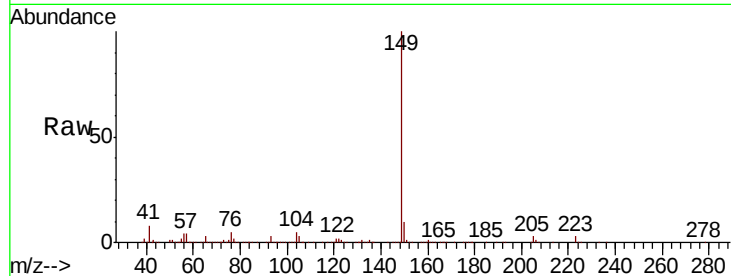




#74
Di-n-butylphthalate
Concen: 43.874 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

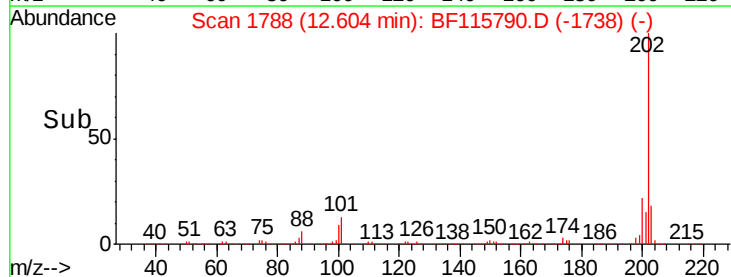
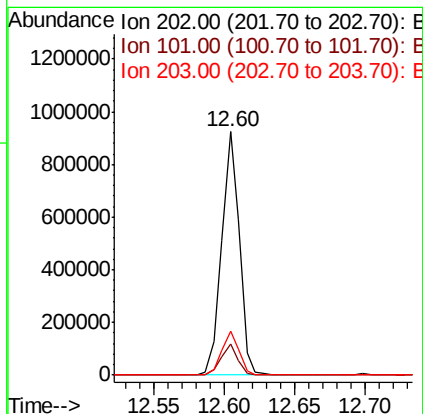
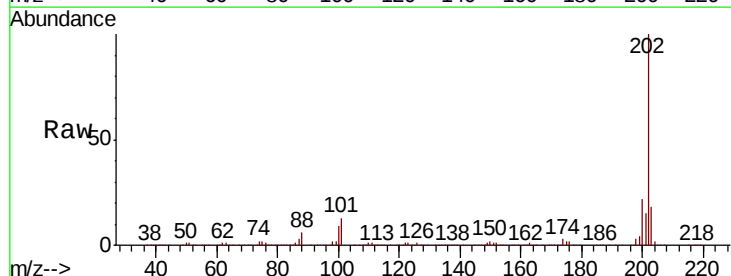
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

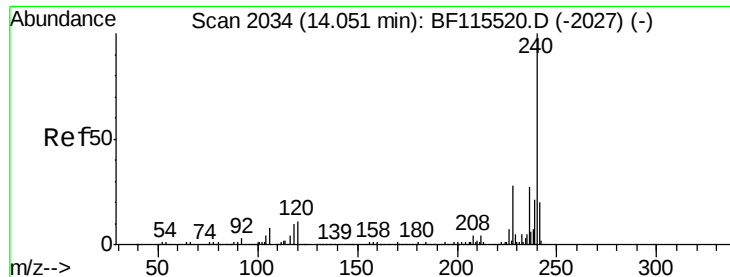
Tot Ion:149 Resp: 744314
Ion Ratio Lower Upper
149 100
150 9.6 8.0 12.0
104 5.4 4.3 6.5



#75
Fluoranthene
Concen: 49.954 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:202 Resp: 802234
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.6
203 18.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

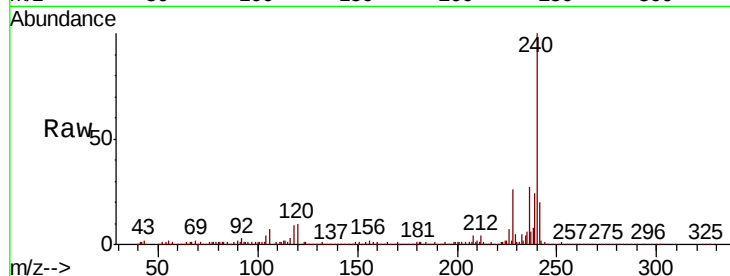
Tot Ion:240 Resp: 282150

Ion Ratio Lower Upper

240 100

120 10.3 10.0 15.0

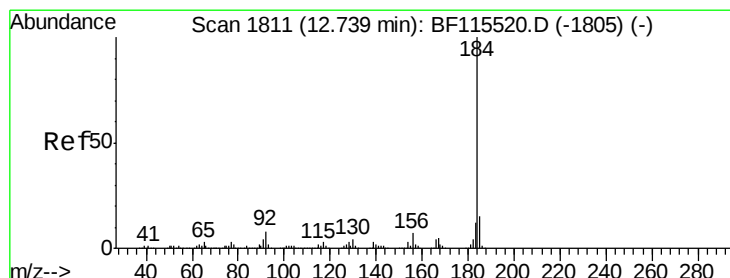
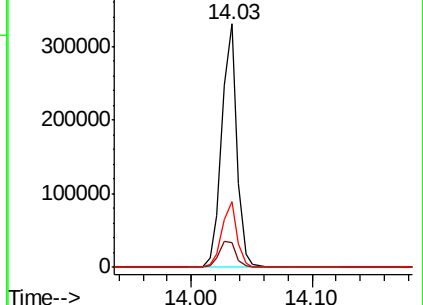
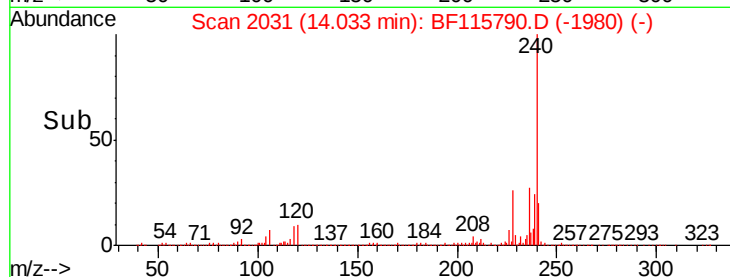
236 27.1 21.8 32.6



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: 29.942 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

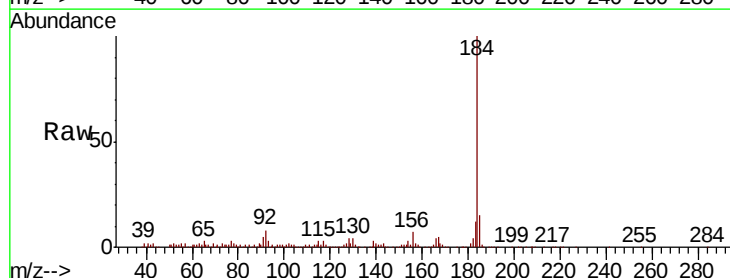
Tgt Ion:184 Resp: 299276

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

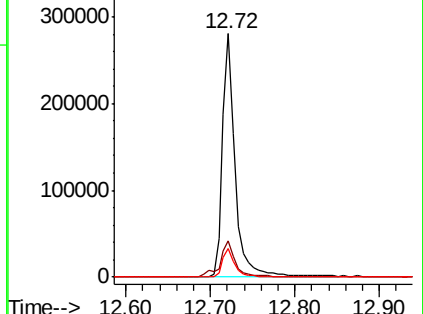
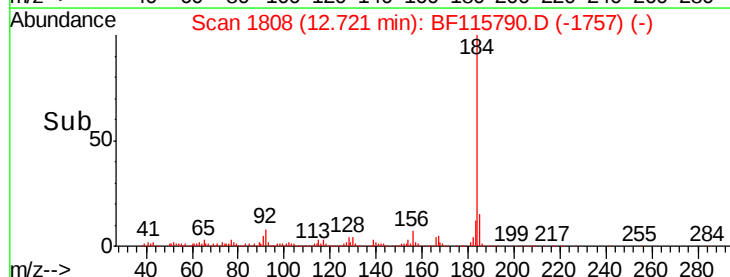
183 11.7 9.2 13.8

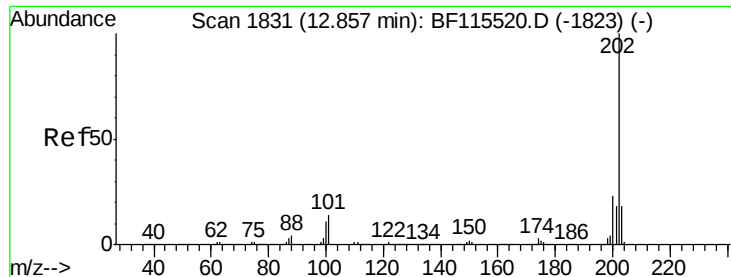


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

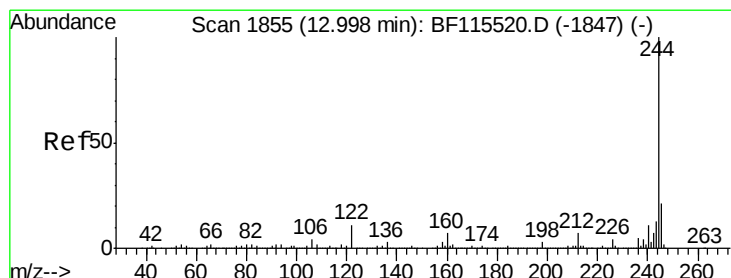
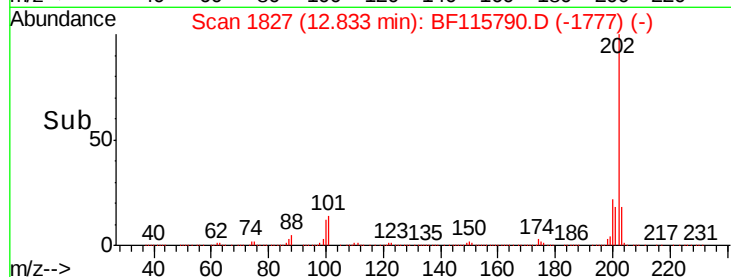
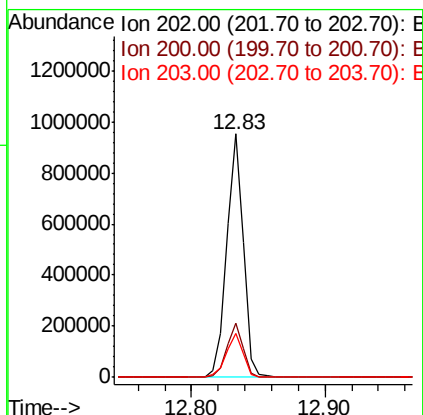
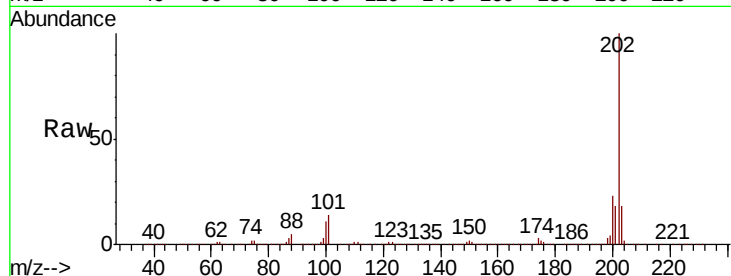




#78
Pvrene
Concen: 35.070 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

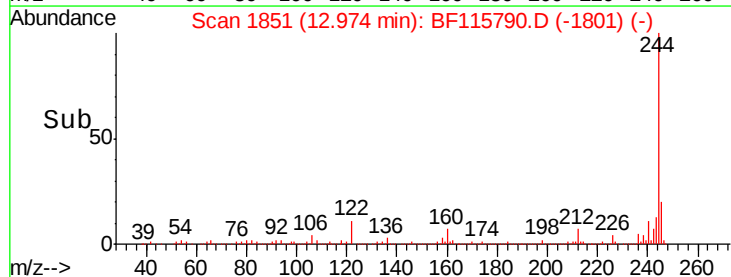
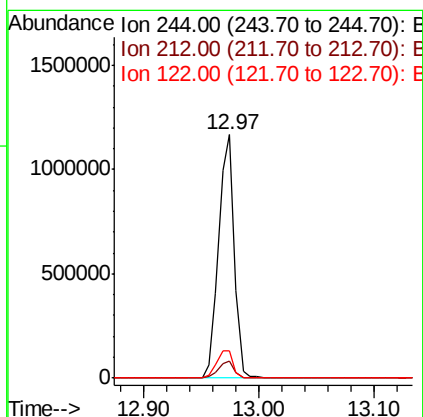
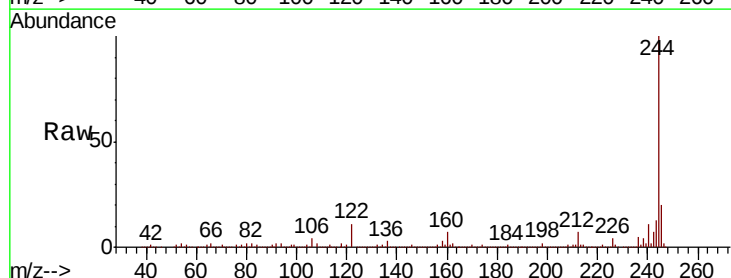
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

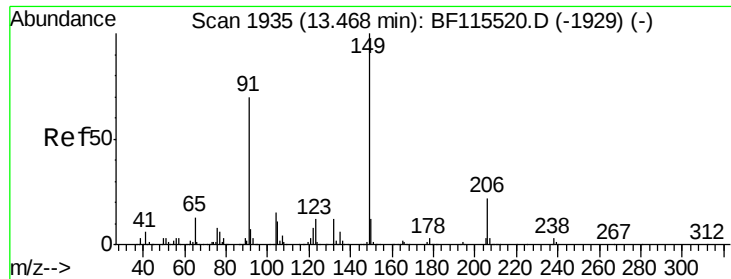
Tot Ion:202 Resp: 838346
Ion Ratio Lower Upper
202 100
200 22.5 18.2 27.4
203 17.9 14.6 21.8



#79
Terphenyl-d14
Concen: 72.073 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:244 Resp: 1102084
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.2 8.2 12.4

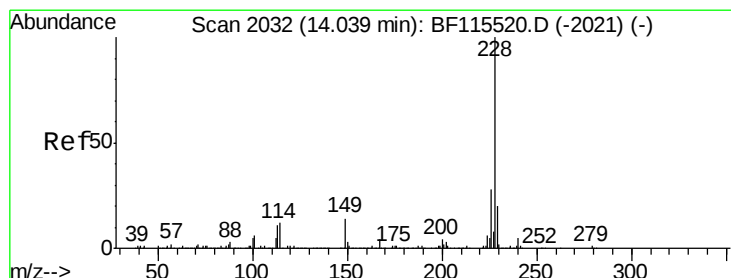
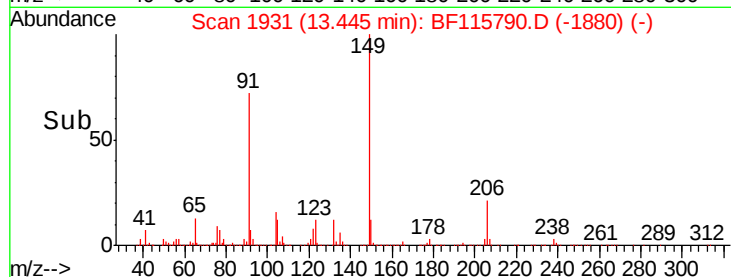
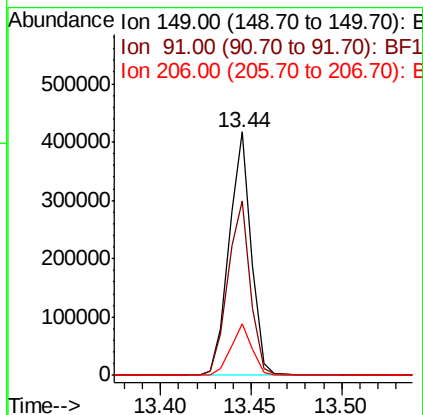
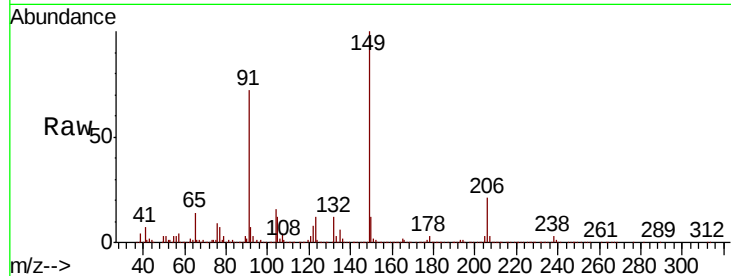




#80
Butylbenzylphthalate
Concen: 34.461 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

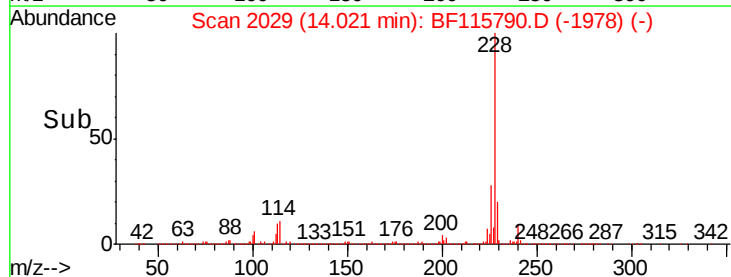
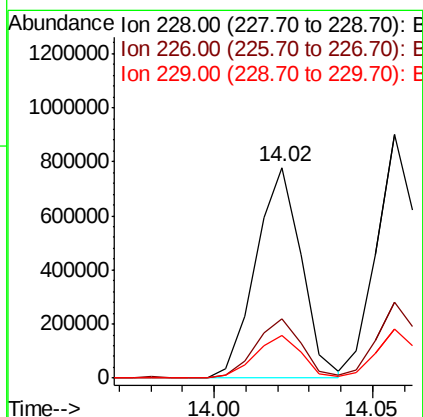
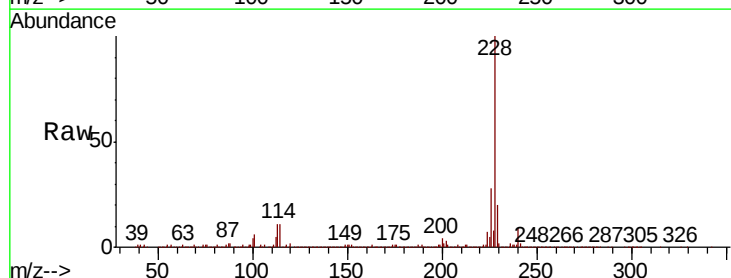
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

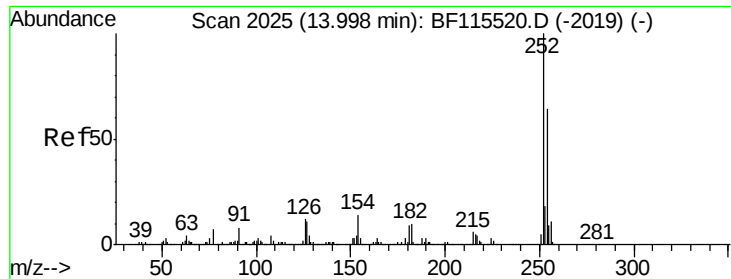
Tot Ion:149 Resp: 351171
Ion Ratio Lower Upper
149 100
91 71.8 59.8 89.8
206 21.0 16.2 24.4



#81
Benzo(a)anthracene
Concen: 41.753 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:228 Resp: 776113
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.2
229 20.2 16.1 24.1

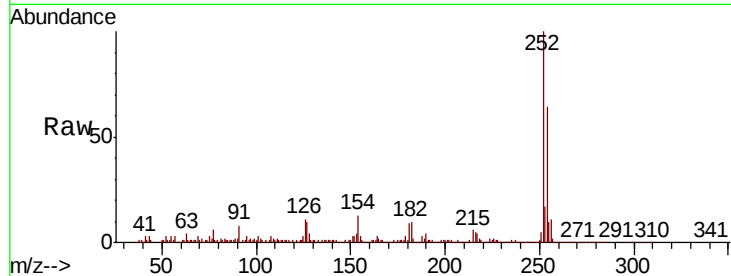




#82
 3,3'-Dichlorobenzidine
 Concen: 32.761 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.6	77.4
126	10.6	9.9	14.9

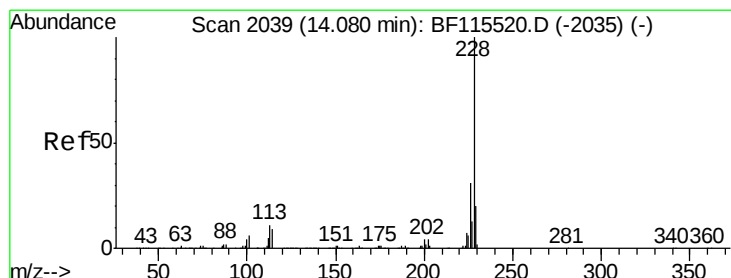
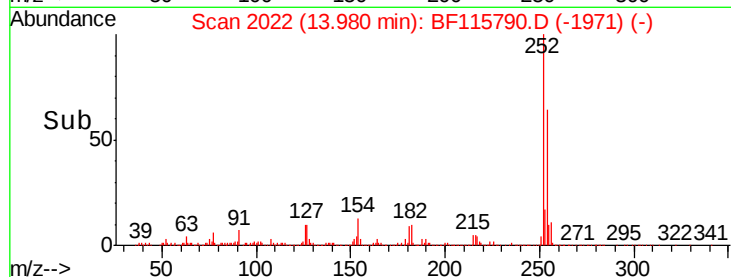
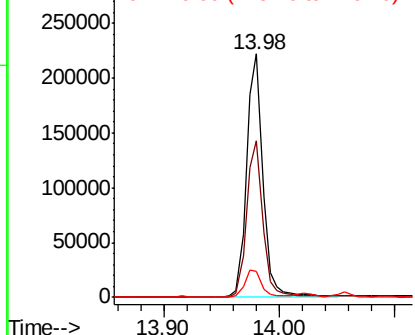


Abundance

Ion 252.00 (251.70 to 252.70): E

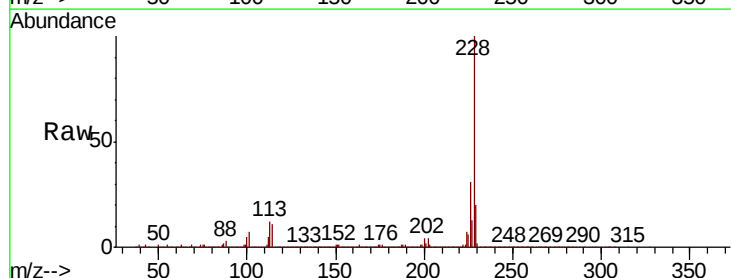
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 41.327 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.4
229	19.9	16.2	24.2

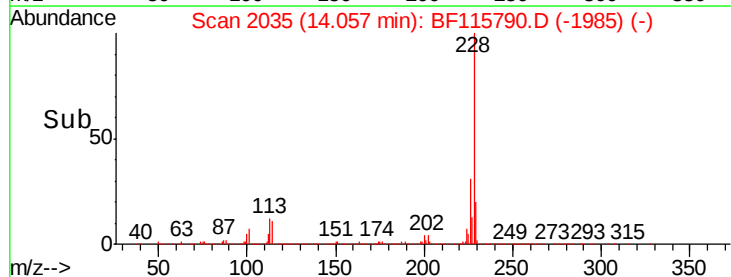
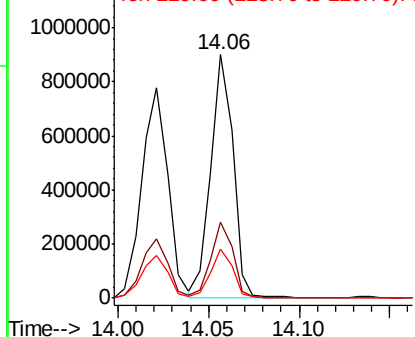


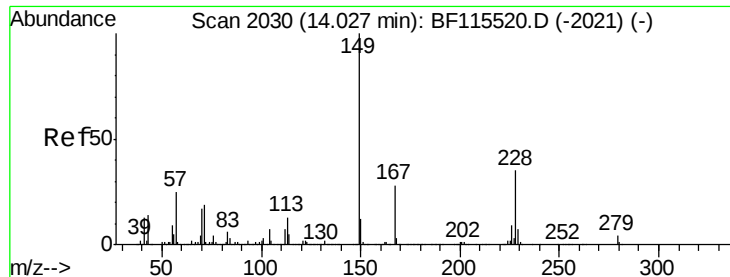
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 40.095 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

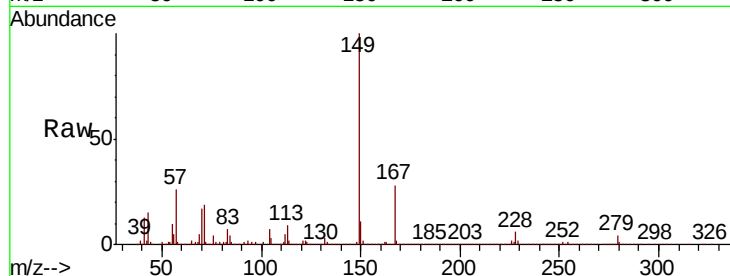
Tot Ion:149 Resp: 506105

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

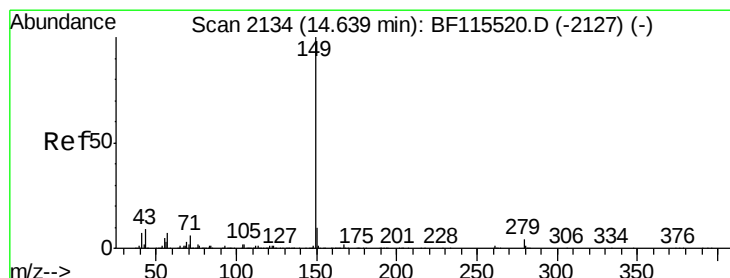
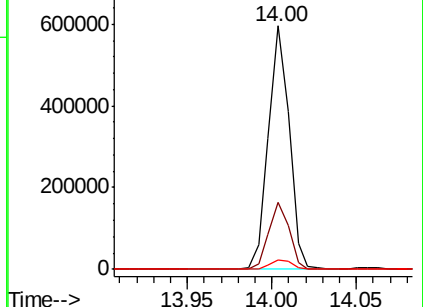
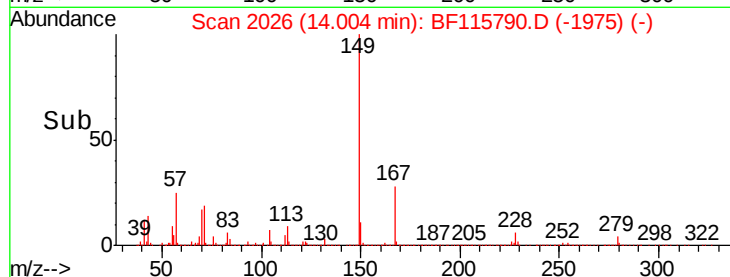
279 4.0 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 44.554 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

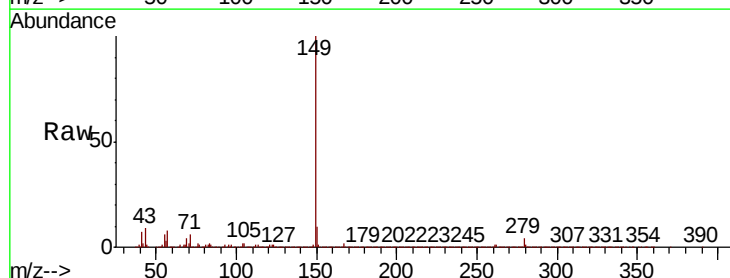
Tgt Ion:149 Resp: 894825

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

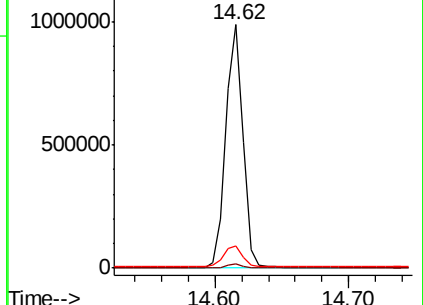
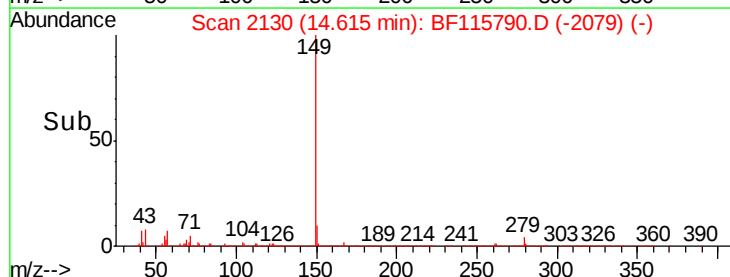
43 9.1 7.4 11.0

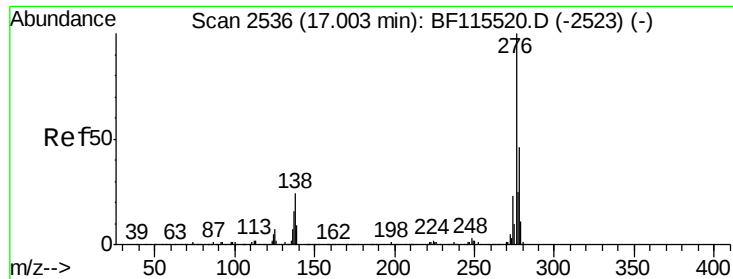


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

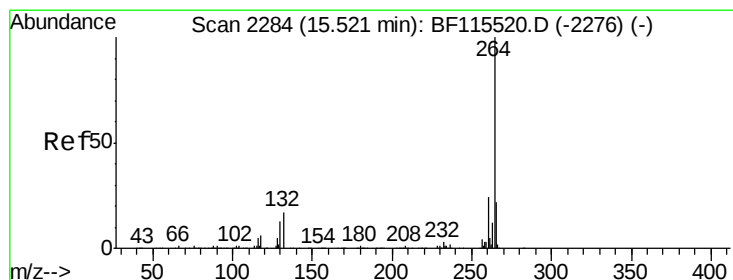
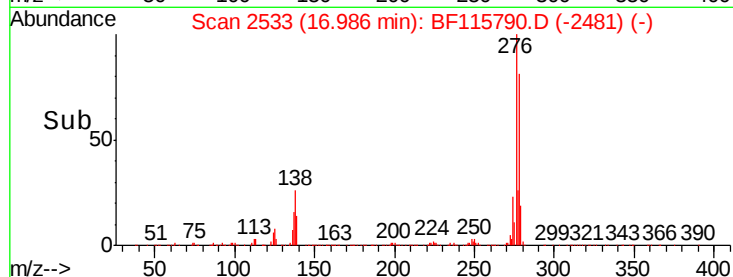
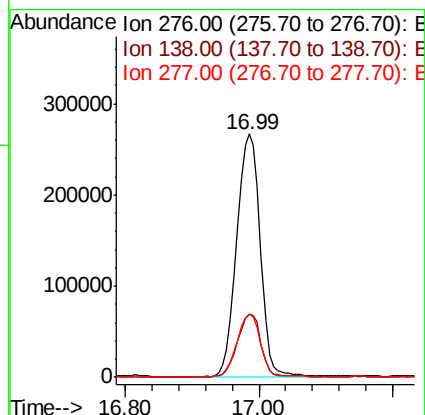
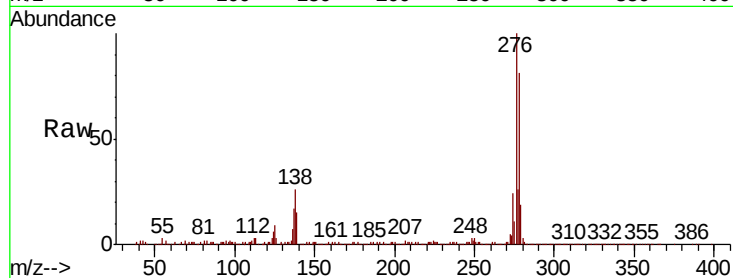




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 41.323 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

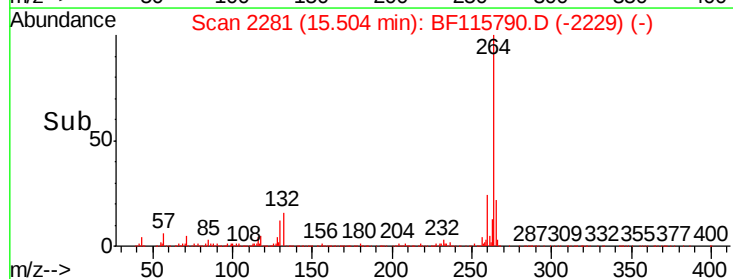
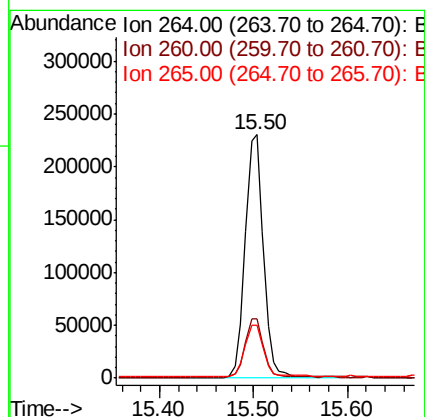
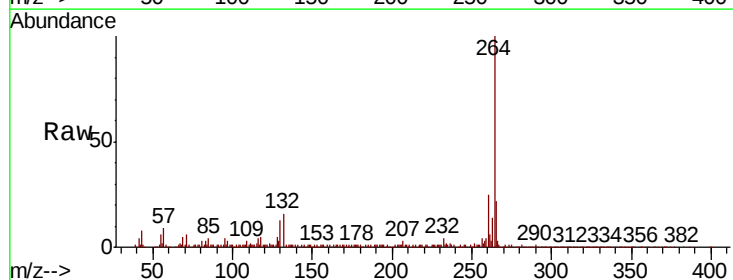
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

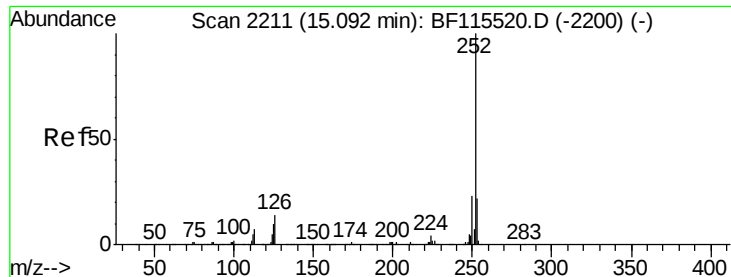
Tot Ion:276 Resp: 655091
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.1 30.1
 277 25.3 19.8 29.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Tgt Ion:264 Resp: 309493
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 21.9 17.5 26.3

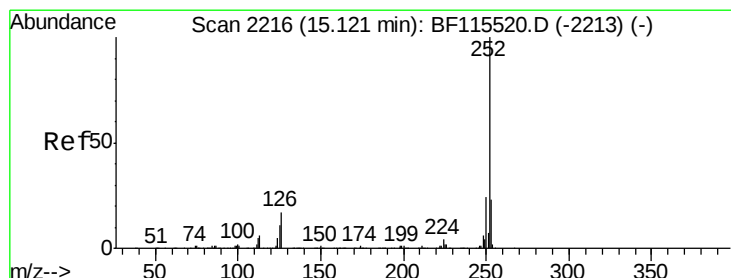
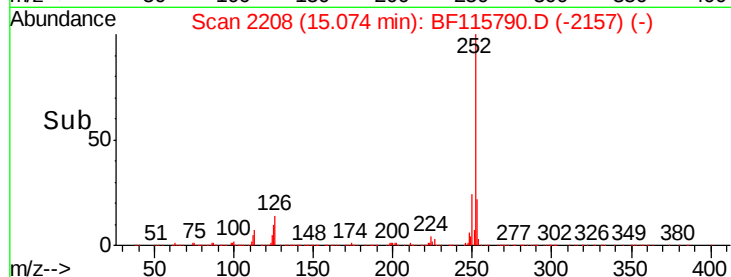
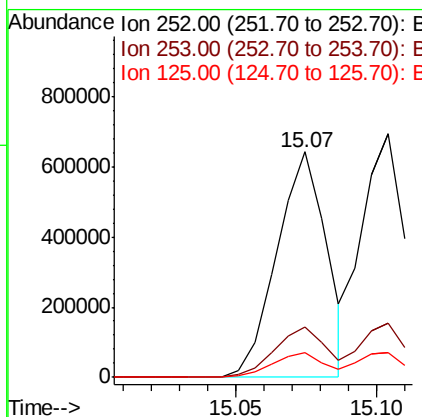
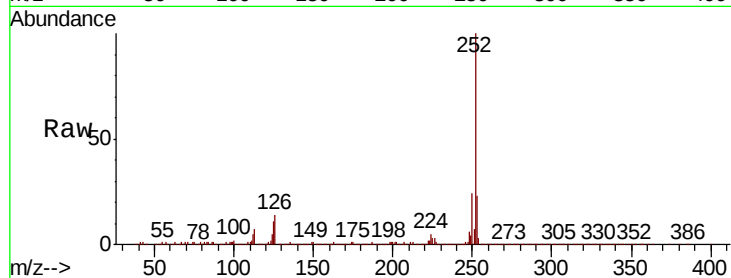




#88
Benzo(b)fluoranthene
Concen: 39.237 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

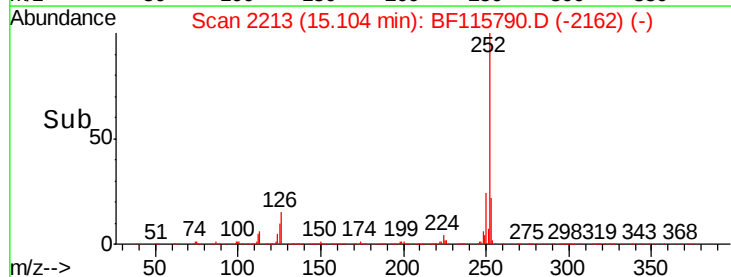
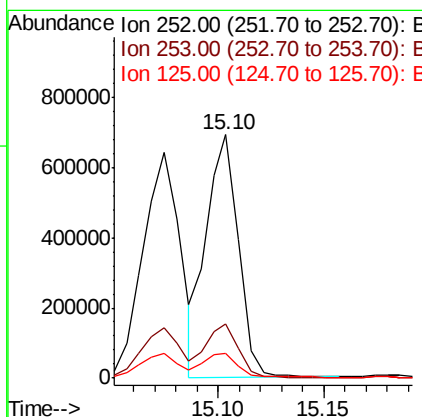
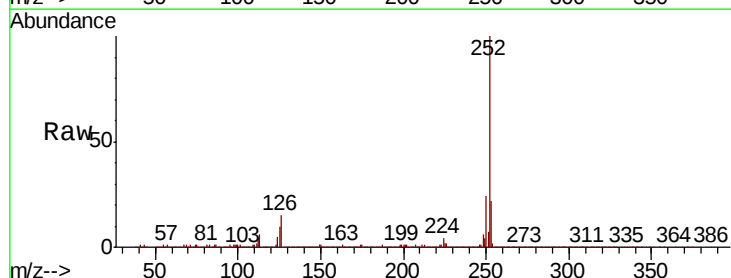
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-CMSD

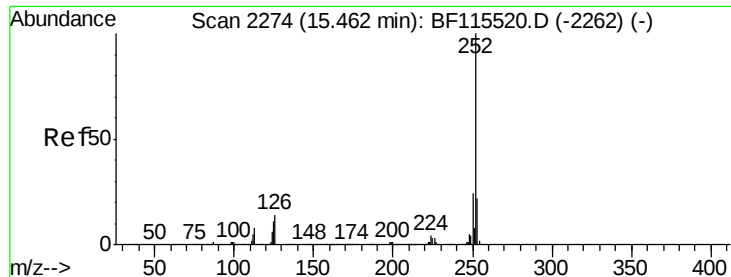
Tot Ion:252 Resp: 781949
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.7 8.4 12.6



#89
Benzo(k)fluoranthene
Concen: 41.222 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF115790.D
Acq: 26 Jul 2019 15:57

Tgt Ion:252 Resp: 732413
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.3 8.6 13.0





#90

Benzo(a)pyrene

Concen: 41.784 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-CMSD

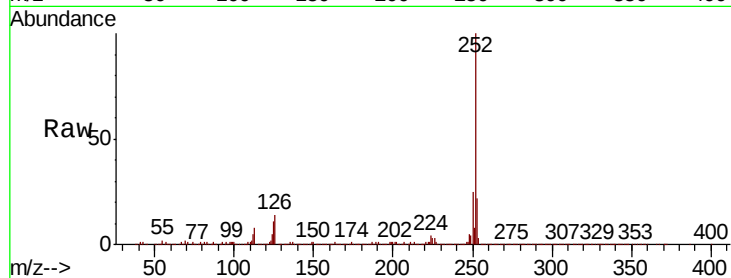
Tot Ion:252 Resp: 715695

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

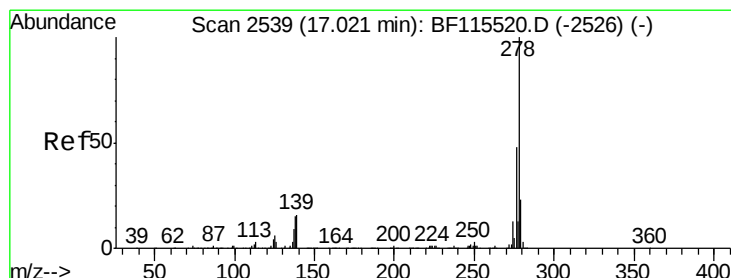
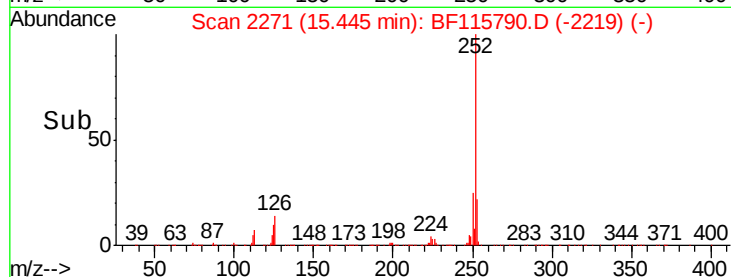
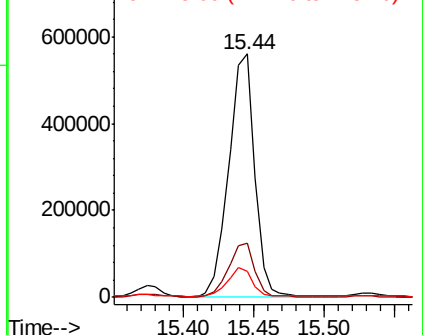
125 10.7 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 37.031 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF115790.D

Acq: 26 Jul 2019 15:57

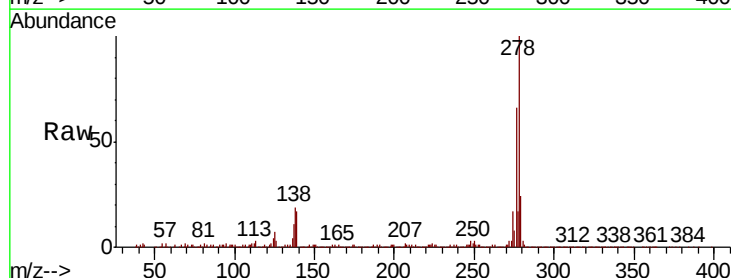
Tgt Ion:278 Resp: 556848

Ion Ratio Lower Upper

278 100

139 16.8 13.6 20.4

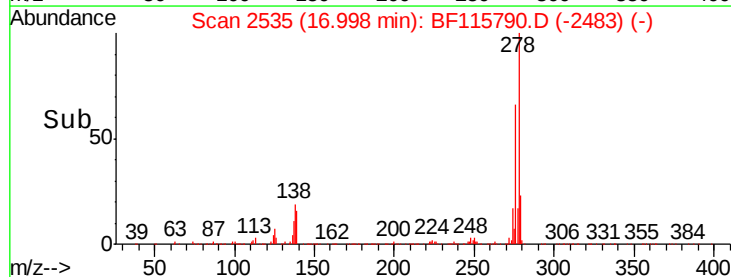
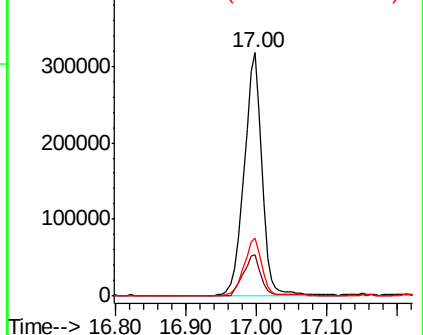
279 23.7 19.6 29.4

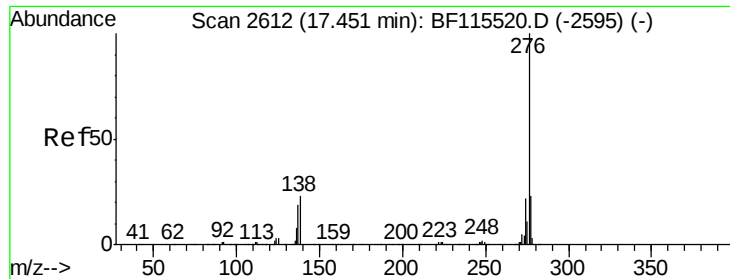


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 35.217 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.01 min
 Lab File: BF115790.D
 Acq: 26 Jul 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.1	27.1
138	21.7	16.6	24.8

