

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041520\
 Data File : BF119991.D
 Acq On : 15 Apr 2020 14:08
 Operator : MA/SJ
 Sample : L2115-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Quant Time: Apr 15 16:12:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	187807	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	730025	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	384923	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	738775	20.00	ng	0.00
76) Chrysene-d12	13.90	240	493036	20.00	ng	0.00
87) Perylene-d12	15.32	264	395056	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1539732	141.68	ng	0.02
7) Phenol-d6	6.37	99	1829582	130.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1331172	94.33	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	579021	122.86	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2484161	91.63	ng	0.00
79) Terphenyl-d14	12.85	244	2729319	93.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	241210	49.834	ng	# 80
3) Pyridine	3.25	79	422808	31.838	ng	94
4) n-Nitrosodimethylamine	3.18	42	337641	49.761	ng	93
6) Aniline	6.39	93	253626	13.800	ng	# 55
8) 2-Chlorophenol	6.52	128	699597	57.616	ng	99
9) Benzaldehyde	6.27	77	160038	15.557	ng	97
10) Phenol	6.39	94	732850	46.131	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	677020	55.194	ng	99
12) 1,3-Dichlorobenzene	6.67	146	698596	52.552	ng	99
13) 1,4-Dichlorobenzene	6.75	146	705275	52.083	ng	100
14) 1,2-Dichlorobenzene	6.90	146	661837	53.033	ng	97
15) Benzyl Alcohol	6.87	79	521686	47.966	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1145522	47.992	ng	94
17) 2-Methylphenol	6.99	107	558940	51.582	ng	98
18) Hexachloroethane	7.24	117	269825	53.317	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	488652	54.267	ng	95
20) 3+4-Methylphenols	7.15	107	654513	49.387	ng	94
22) Acetophenone	7.15	105	925479	54.138	ng	# 99
24) Nitrobenzene	7.32	77	729532	51.392	ng	100
25) Isophorone	7.56	82	1366735	50.243	ng	100
26) 2-Nitrophenol	7.63	139	377629	53.247	ng	93
27) 2,4-Dimethylphenol	7.67	122	583175	54.522	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	854912	53.409	ng	99
29) 2,4-Dichlorophenol	7.87	162	575066	52.452	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	626472	50.429	ng	100
31) Naphthalene	8.03	128	1964328	51.143	ng	99
32) Benzoic acid	7.82	122	459547	48.920	ng	95
33) 4-Chloroaniline	8.09	127	94981	5.680	ng	97
34) Hexachlorobutadiene	8.16	225	354199	47.630	ng	97
35) Caprolactam	8.47	113	89679	26.740	ng	95
36) 4-Chloro-3-methylphenol	8.58	107	629607	53.042	ng	96
37) 2-Methylnaphthalene	8.73	142	1345230	51.660	ng	99
38) 1-Methylnaphthalene	8.83	142	1266117	51.586	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	577578	47.508	ng	98

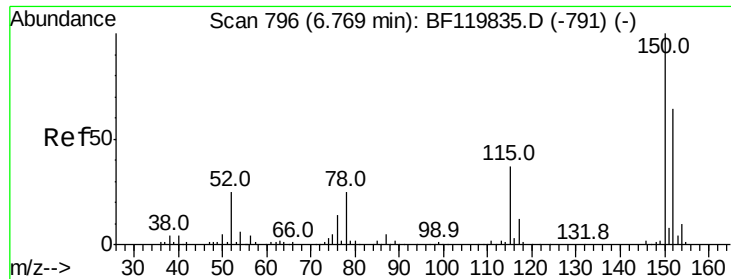
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041520\
 Data File : BF119991.D
 Acq On : 15 Apr 2020 14:08
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	713271	103.175	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	426718	50.828	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	457128	48.345	ng	96
46) 1,1'-Biphenyl	9.20	154	1607831	49.487	ng	98
47) 2-Chloronaphthalene	9.22	162	1266131	50.588	ng	99
48) 2-Nitroaniline	9.32	65	443758	48.926	ng	97
49) Acenaphthylene	9.63	152	1961038	51.520	ng	99
50) Dimethylphthalate	9.50	163	1507432	50.630	ng	100
51) 2,6-Dinitrotoluene	9.56	165	332659	51.023	ng	96
52) Acenaphthene	9.80	154	1186176	46.717	ng	98
53) 3-Nitroaniline	9.73	138	94313	12.666	ng	96
54) 2,4-Dinitrophenol	9.85	184	437530	112.089	ng	93
55) Dibenzofuran	9.98	168	1742711	50.017	ng	99
56) 4-Nitrophenol	9.90	139	476844	86.067	ng	97
57) 2,4-Dinitrotoluene	9.97	165	439086	51.116	ng	93
58) Fluorene	10.32	166	1347455	48.356	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	386148	53.396	ng	97
60) Diethylphthalate	10.20	149	1523808	49.381	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	655152	45.873	ng	98
62) 4-Nitroaniline	10.35	138	291690	41.104	ng	99
63) Azobenzene	10.47	77	1435823	51.920	ng	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	267566	54.974	ng	99
66) n-Nitrosodiphenylamine	10.44	169	1092194	44.453	ng	98
67) 4-Bromophenyl-phenylether	10.80	248	420244	45.741	ng	97
68) Hexachlorobenzene	10.87	284	449539	48.232	ng	99
69) Atrazine	10.97	200	256217	37.480	ng	95
70) Pentachlorophenol	11.07	266	506153	94.237	ng	100
71) Phenanthrene	11.29	178	1972939	50.178	ng	99
72) Anthracene	11.33	178	2040854	50.810	ng	100
73) Carbazole	11.49	167	1640544	43.191	ng	99
74) Di-n-butylphthalate	11.83	149	2401405	48.092	ng	100
75) Fluoranthene	12.47	202	2150348	50.687	ng	97
77) Benzidine	12.59	184	33382	2.003	ng	97
78) Pyrene	12.70	202	2135053	51.368	ng	99
80) Butylbenzylphthalate	13.33	149	1010637	50.110	ng	95
81) Benzo(a)anthracene	13.89	228	1602822	49.416	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	108062	8.929	ng	98
83) Chrysene	13.93	228	1730892	52.520	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1283493	46.994	ng	# 98
85) Di-n-octyl phthalate	14.50	149	2261826	48.638	ng	98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1363059	46.919	ng	97
88) Benzo(b)fluoranthene	14.92	252	1515736	53.335	ng	98
89) Benzo(k)fluoranthene	14.92	252	1515736	61.814	ng	99
90) Benzo(a)pyrene	15.26	252	1288837	53.938	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	1142508	53.979	ng	97
92) Benzo(g,h,i)perylene	17.13	276	1099610	52.631	ng	# 94

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

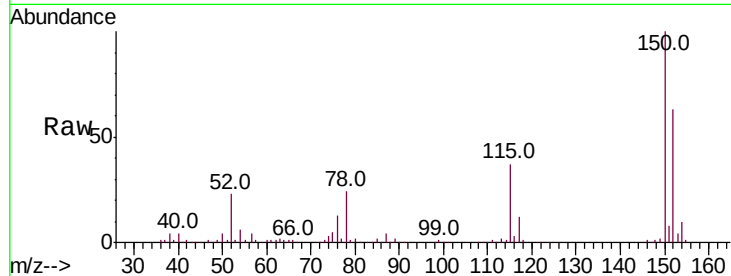


#1

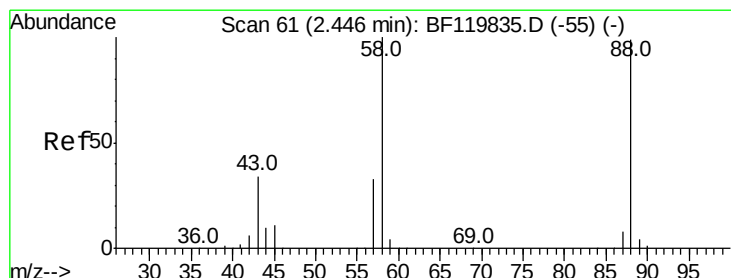
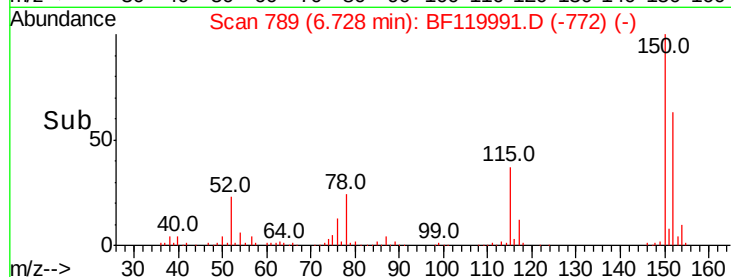
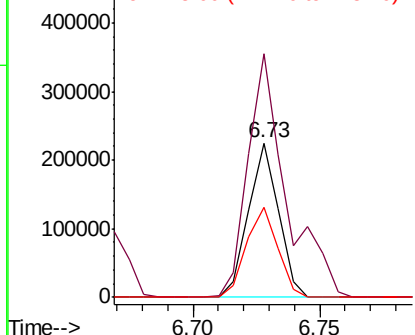
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:152 Resp: 187807
Ion Ratio Lower Upper
152 100
150 157.7 124.8 187.2
115 58.4 46.5 69.7



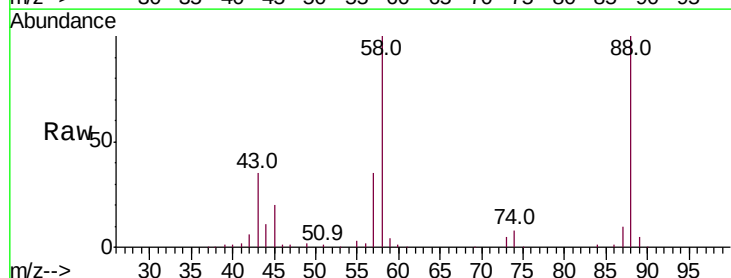
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



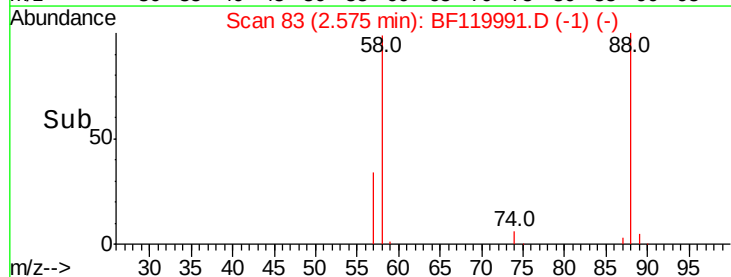
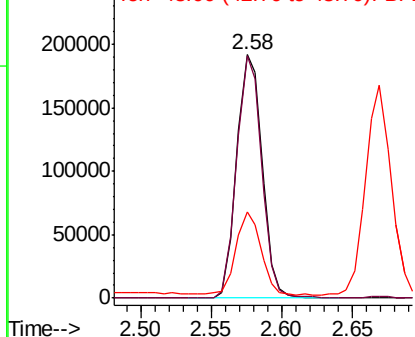
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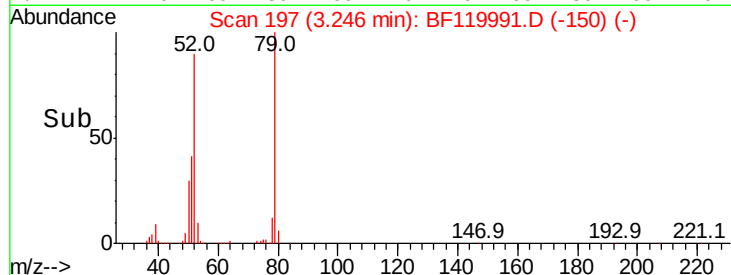
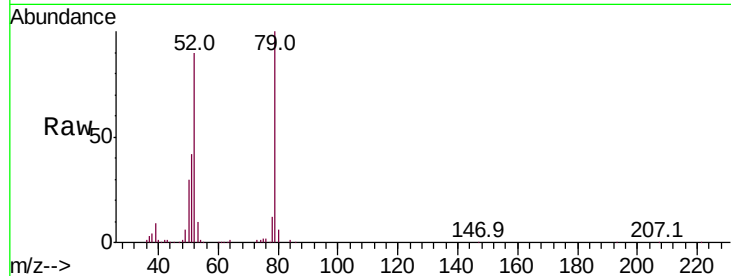
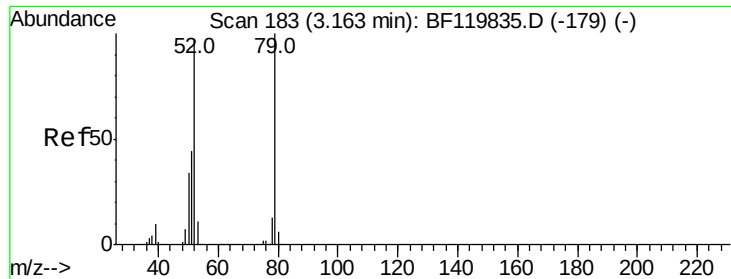
1,4-Dioxane
Concen: 49.834 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.20 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion: 88 Resp: 241210
Ion Ratio Lower Upper
88 100
58 96.6 82.6 123.8
43 0.0 28.6 42.8#



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: 31.838 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.18 min

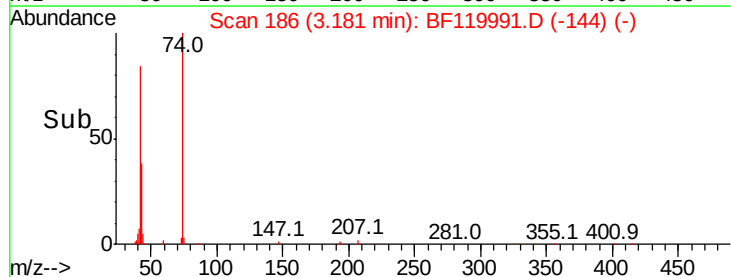
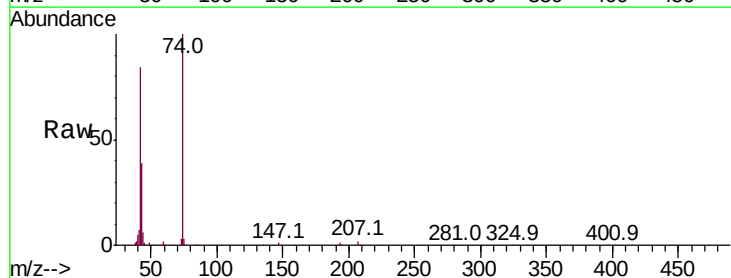
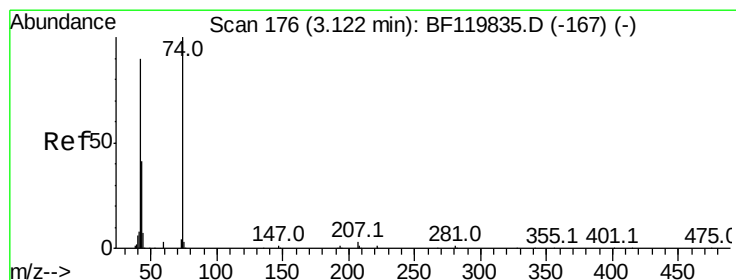
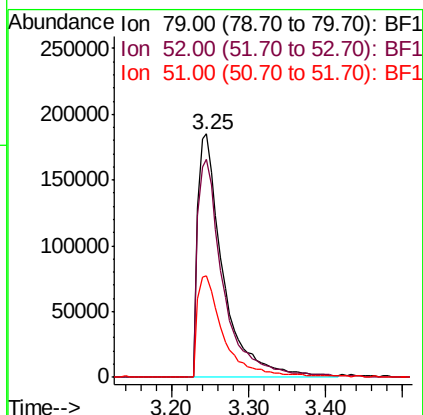
Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion: 79 Resp: 422808

Ion	Ratio	Lower	Upper
79	100		
52	89.8	77.4	116.0
51	41.6	35.3	52.9



#4

n-Nitrosodimethylamine

Concen: 49.761 ng

RT: 3.18 min Scan# 186

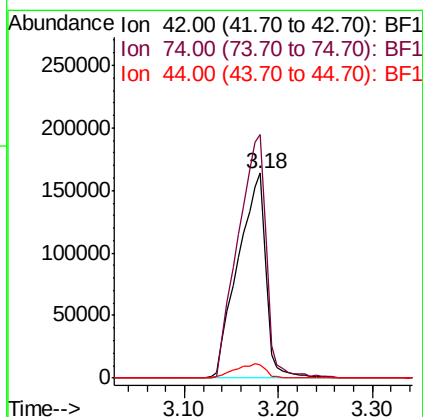
Delta R.T. 0.15 min

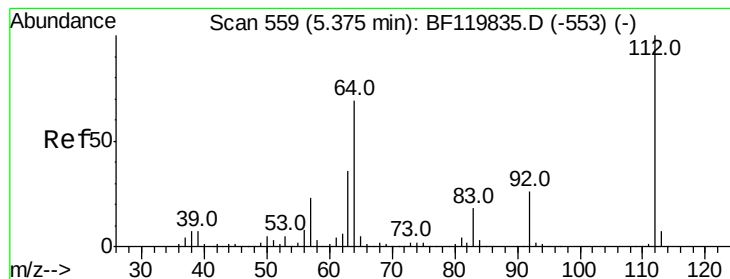
Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion: 42 Resp: 337641

Ion	Ratio	Lower	Upper
42	100		
74	119.0	89.0	133.4
44	6.7	6.2	9.4





#5

2-Fluorophenol

Concen: 141.685 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

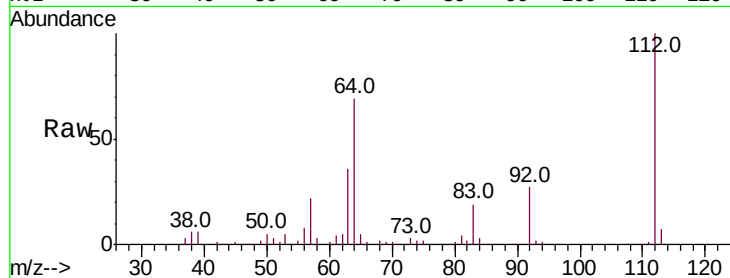
Tot Ion:112 Resp: 1539732

Ion Ratio Lower Upper

112 100

64 69.2 55.5 83.3

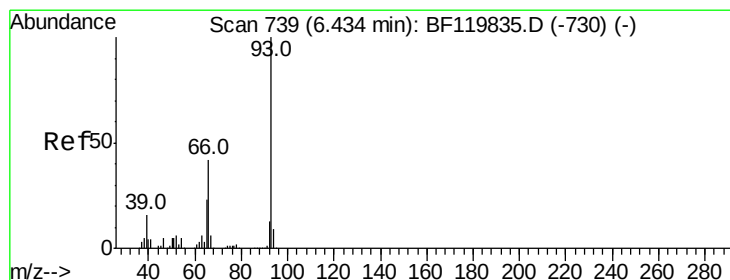
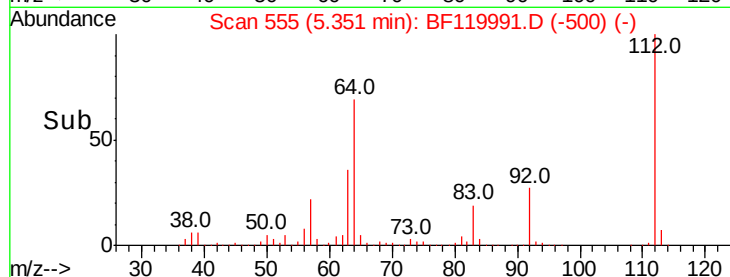
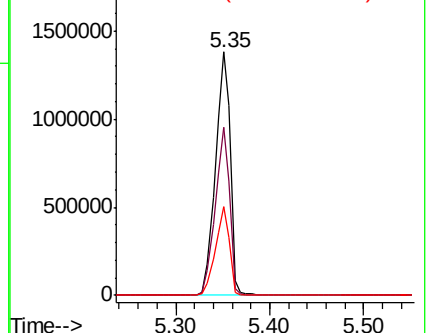
63 36.2 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.800 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

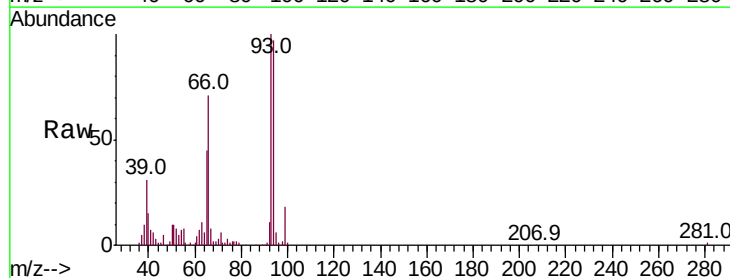
Tgt Ion: 93 Resp: 253626

Ion Ratio Lower Upper

93 100

66 70.8 34.2 51.2#

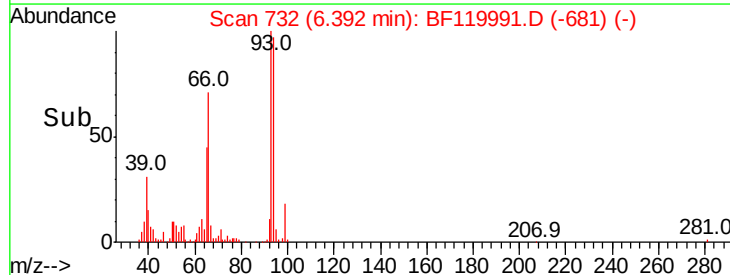
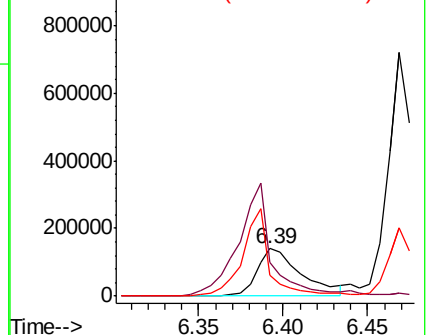
65 45.2 18.3 27.5#

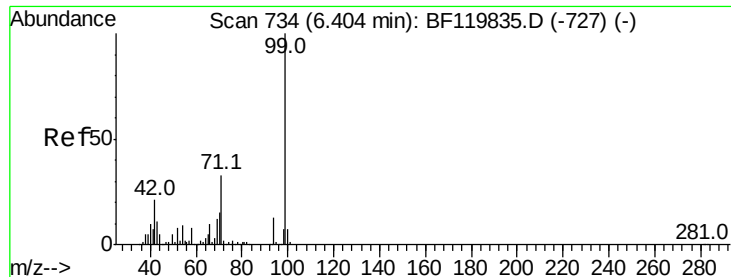


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.656 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

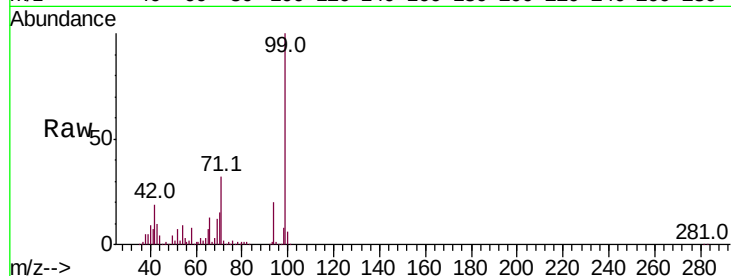
Tot Ion: 99 Resp: 1829582

Ion Ratio Lower Upper

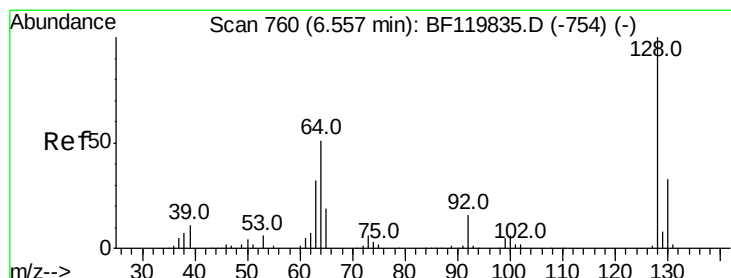
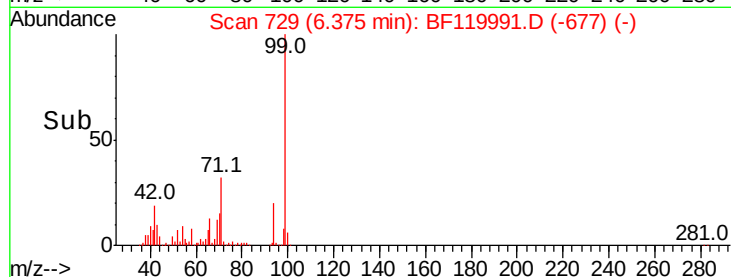
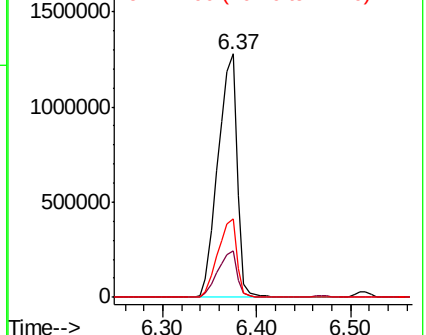
99 100

42 19.4 16.9 25.3

71 32.2 26.3 39.5



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



#8

2-Chlorophenol

Concen: 57.616 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

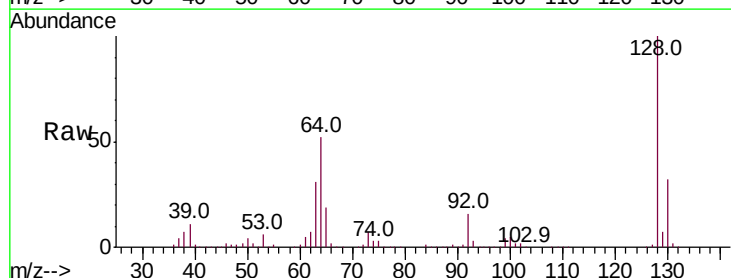
Tgt Ion: 128 Resp: 699597

Ion Ratio Lower Upper

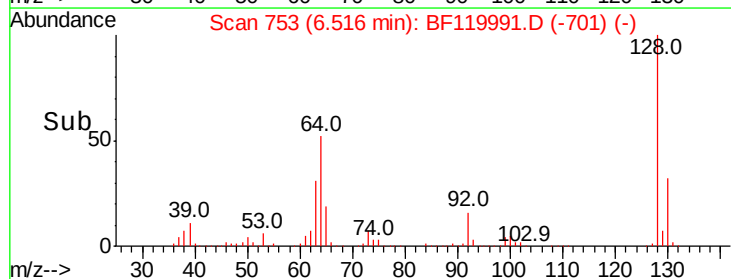
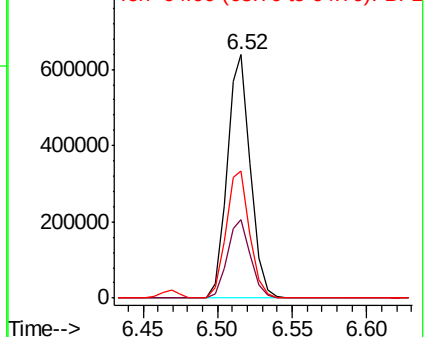
128 100

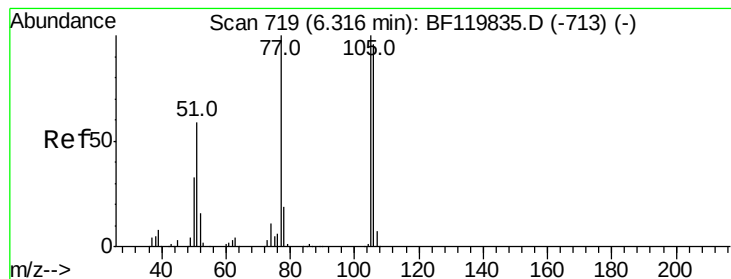
130 32.0 12.6 52.6

64 52.5 32.0 72.0



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





#9

Benzaldehyde

Concen: 15.557 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

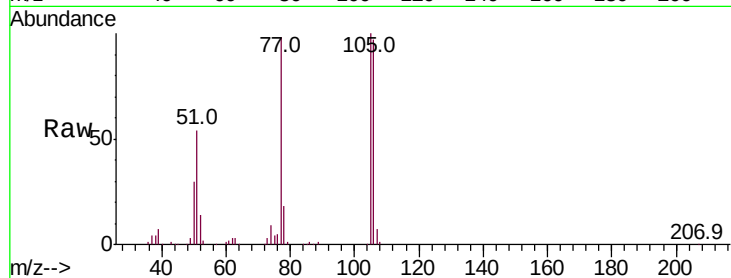
Tot Ion: 77 Resp: 160038

Ion Ratio Lower Upper

77 100

105 102.4 79.9 119.9

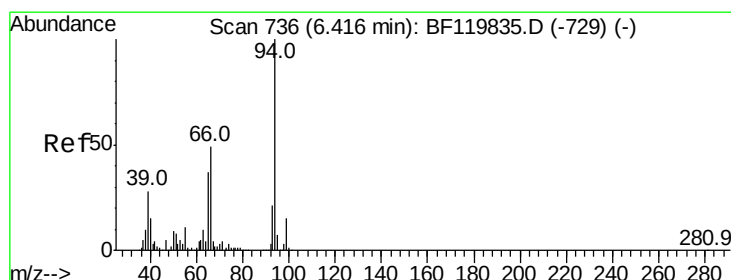
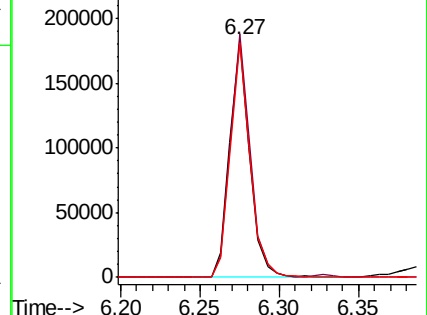
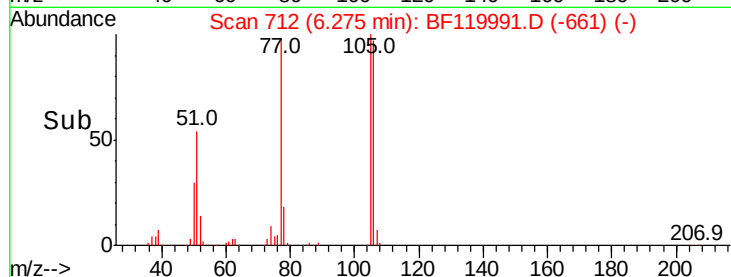
106 98.9 76.4 116.4



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: 46.131 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

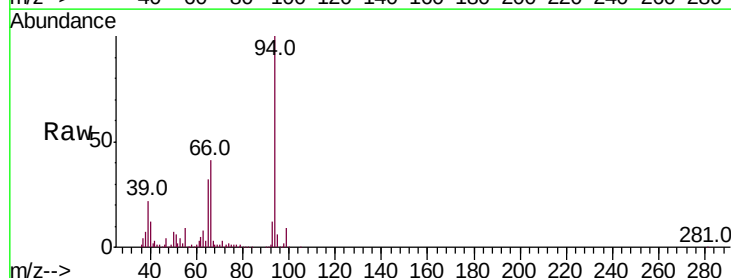
Tgt Ion: 94 Resp: 732850

Ion Ratio Lower Upper

94 100

65 31.9 16.6 56.6

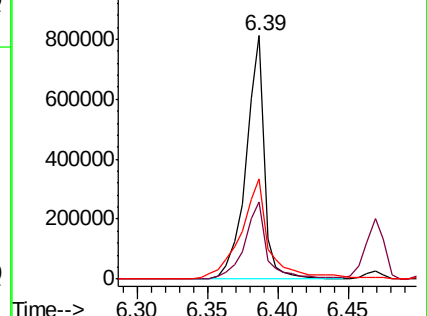
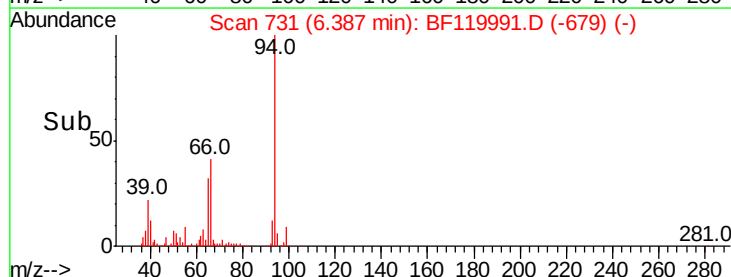
66 41.3 29.3 69.3

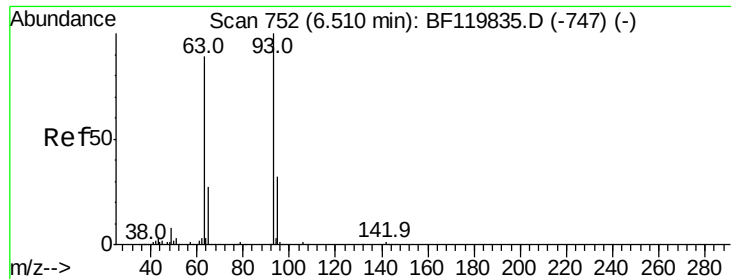


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 55.194 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

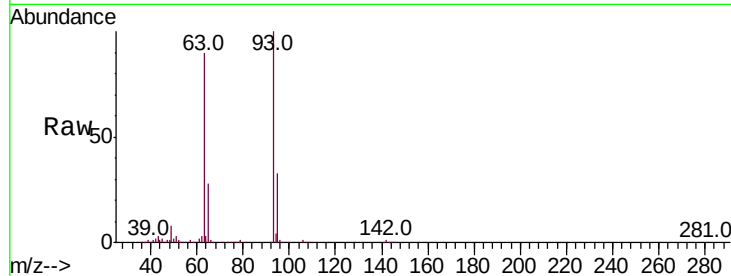
Tot Ion: 93 Resp: 677020

Ion Ratio Lower Upper

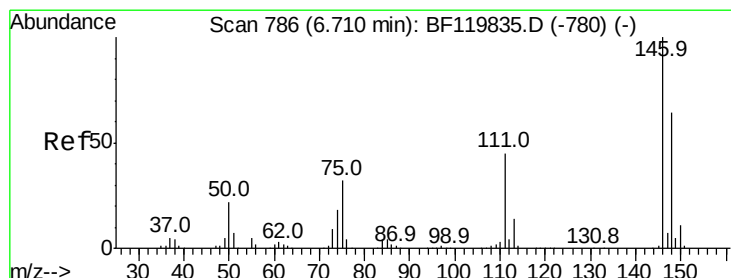
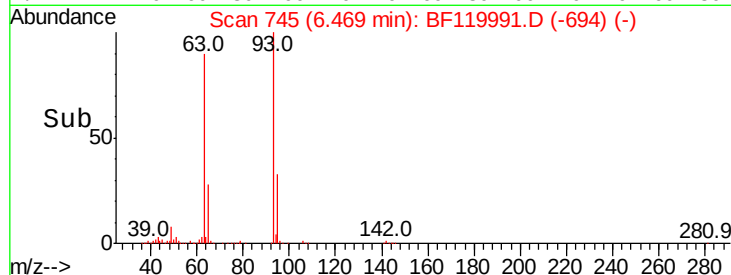
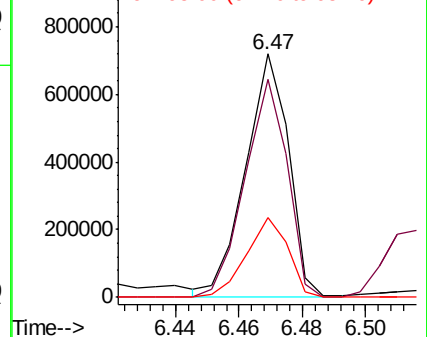
93 100

63 89.6 69.1 109.1

95 33.0 12.3 52.3



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: 52.552 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

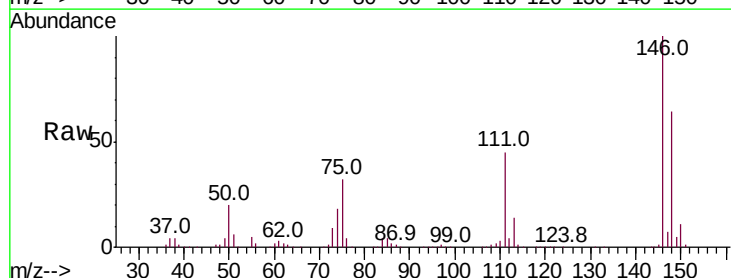
Tgt Ion: 146 Resp: 698596

Ion Ratio Lower Upper

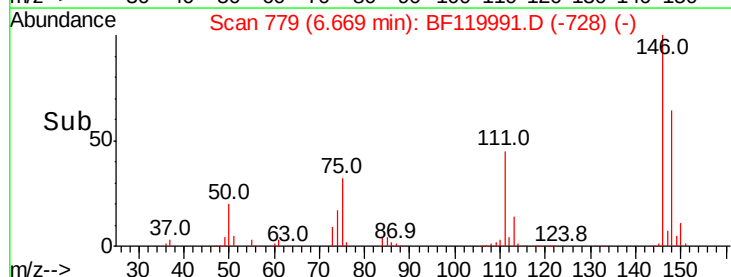
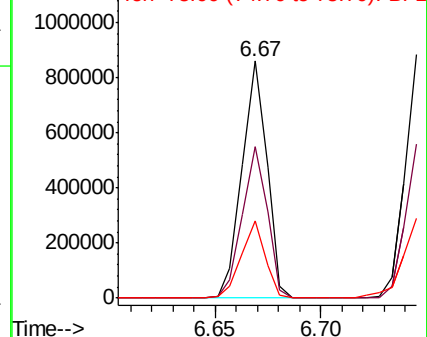
146 100

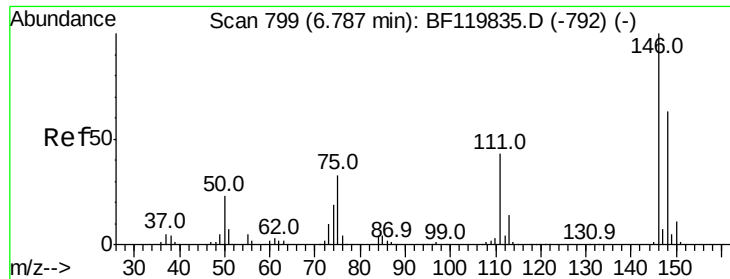
148 64.0 51.3 76.9

75 32.4 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

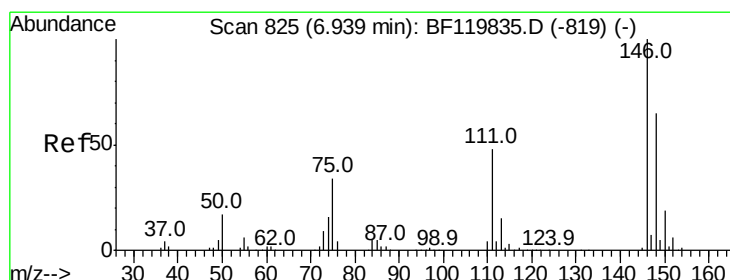
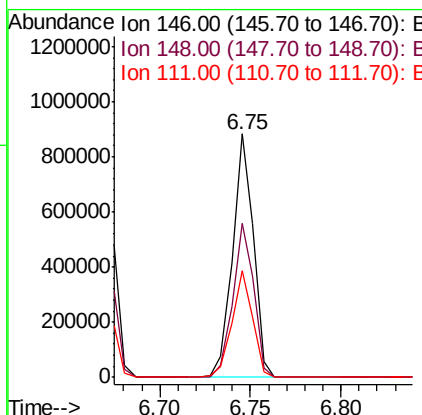
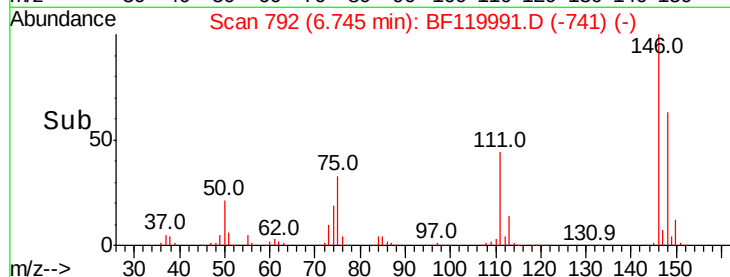
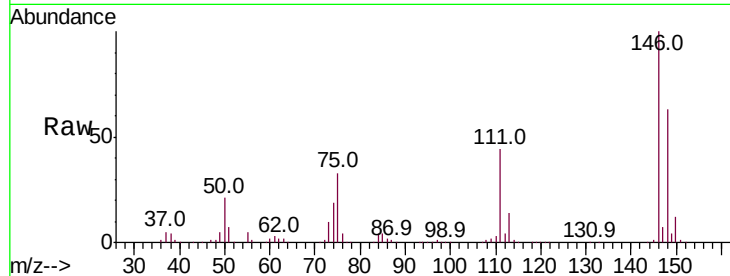




#13
 1,4-Dichlorobenzene
 Concen: 52.083 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

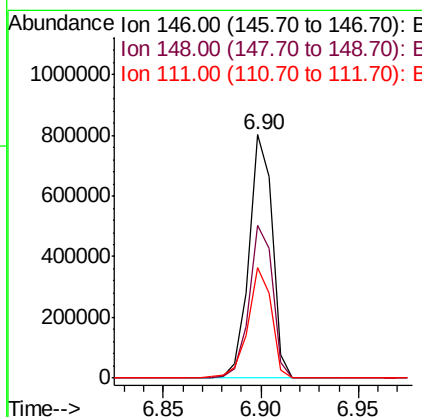
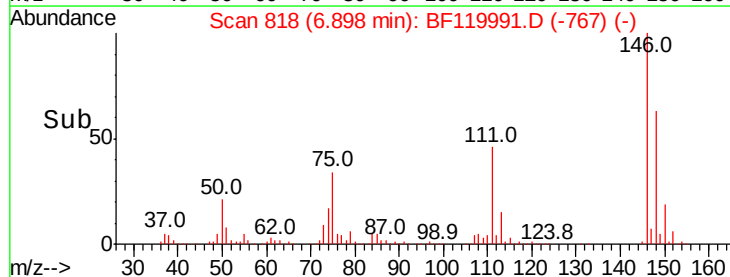
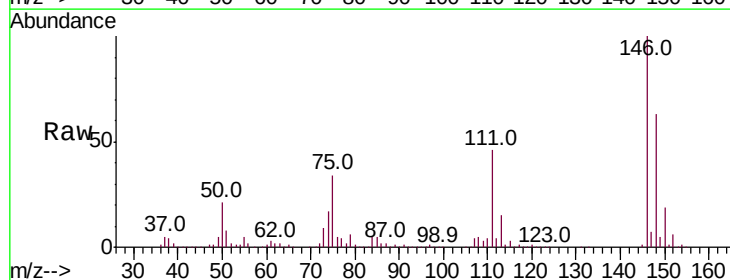
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

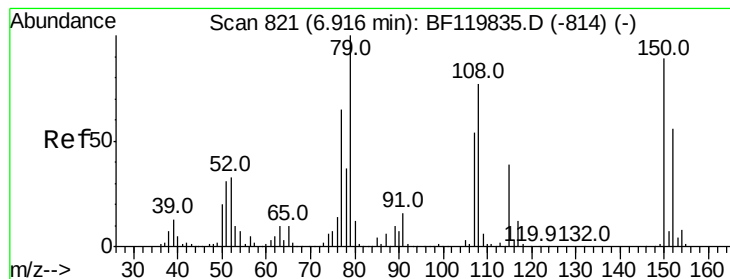
Tot Ion:146 Resp: 705275
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 43.8 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 53.033 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:146 Resp: 661837
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.8
 111 45.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 47.966 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

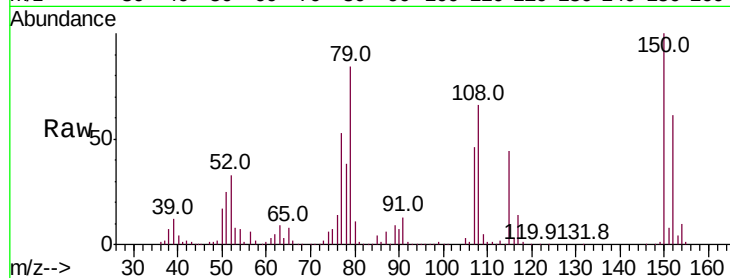
Tot Ion: 79 Resp: 521686

Ion Ratio Lower Upper

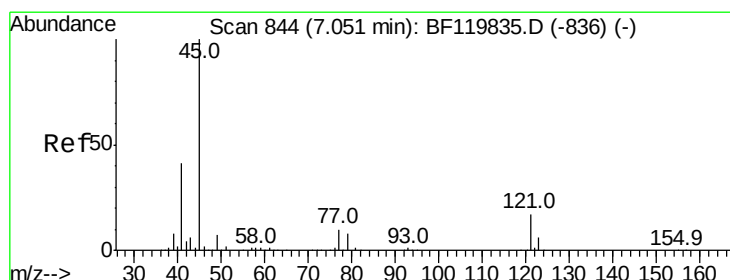
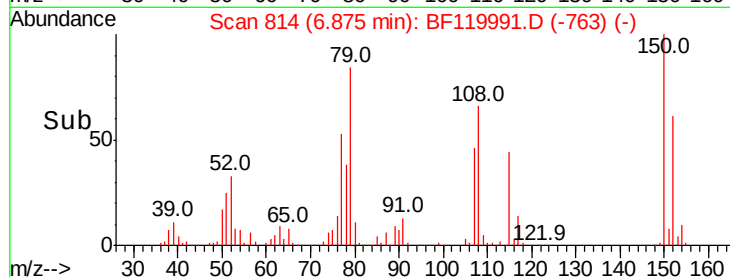
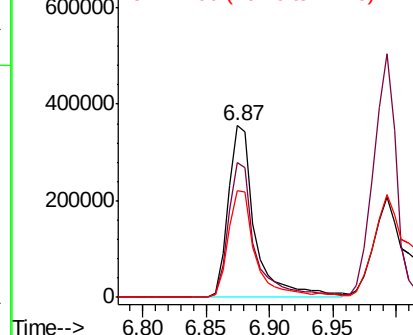
79 100

108 78.2 62.0 93.0

77 62.4 51.8 77.6



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: 47.992 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

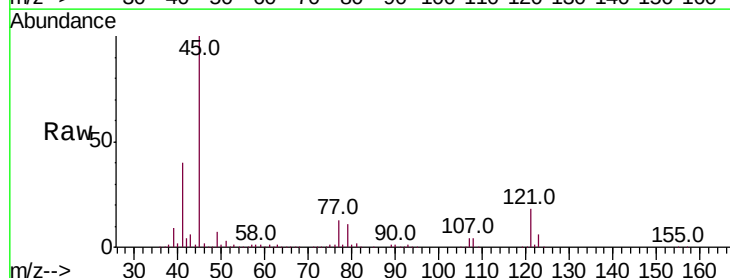
Tgt Ion: 45 Resp: 1145522

Ion Ratio Lower Upper

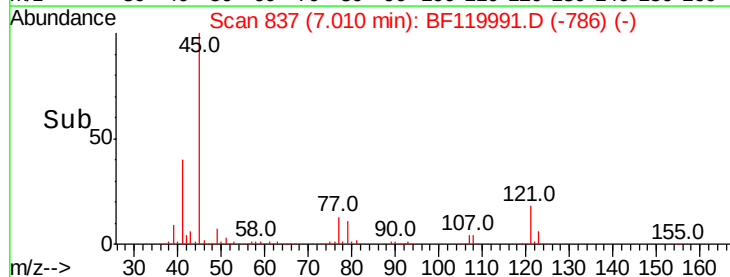
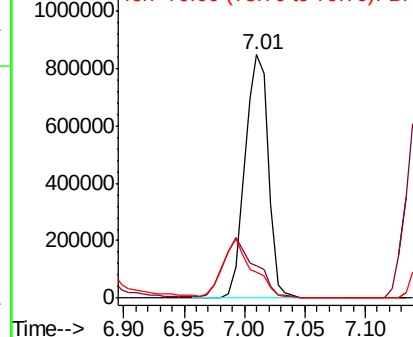
45 100

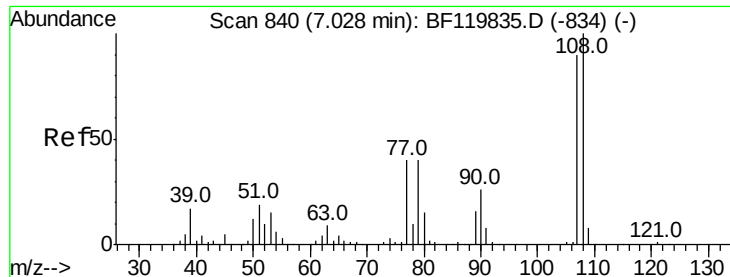
77 13.1 0.0 30.7

79 10.7 0.0 28.6



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

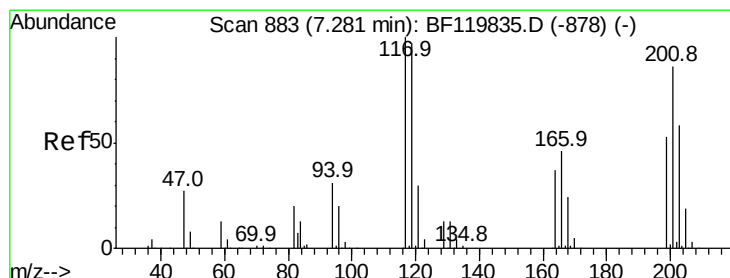
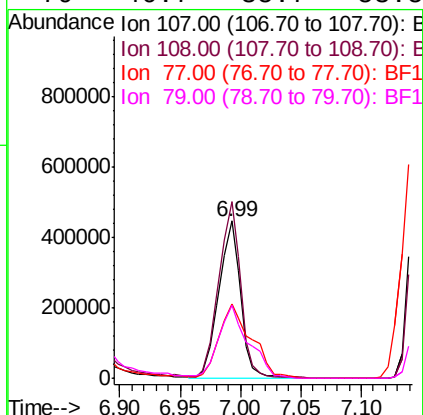
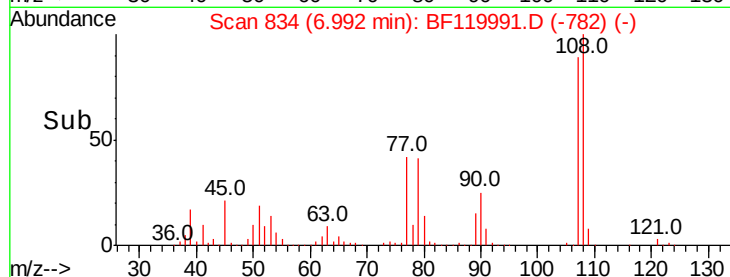
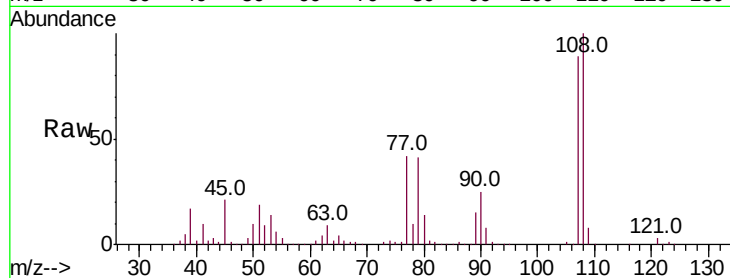




#17
2-Methylphenol
Concen: 51.582 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

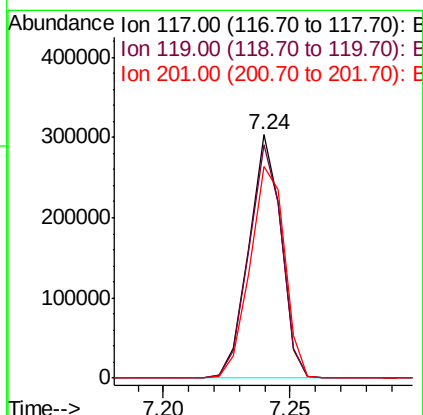
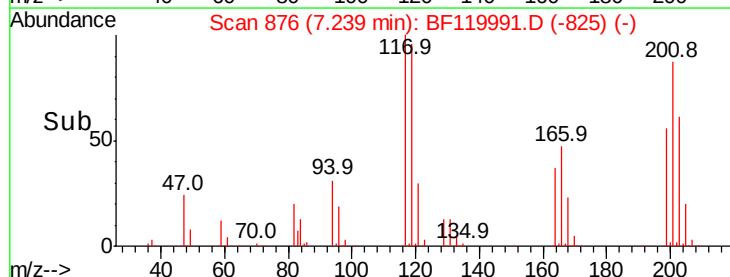
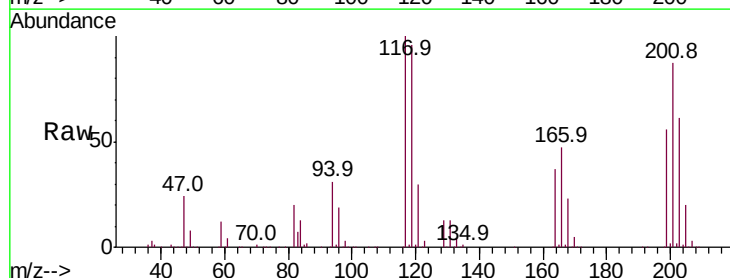
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

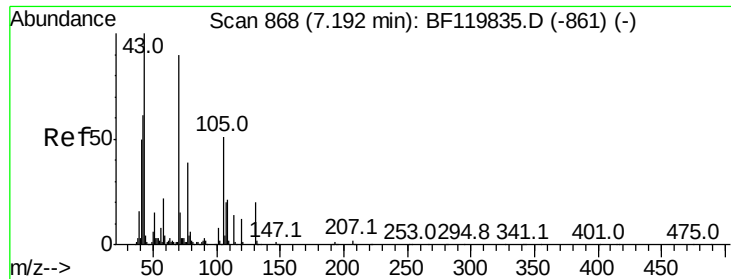
Tot Ion:107 Resp: 558940
Ion Ratio Lower Upper
107 100
108 112.8 88.8 133.2
77 47.5 36.0 54.0
79 46.7 35.7 53.5



#18
Hexachloroethane
Concen: 53.317 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:117 Resp: 269825
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
201 87.1 68.4 102.6

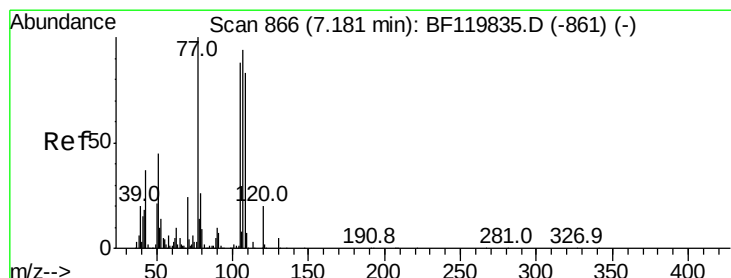
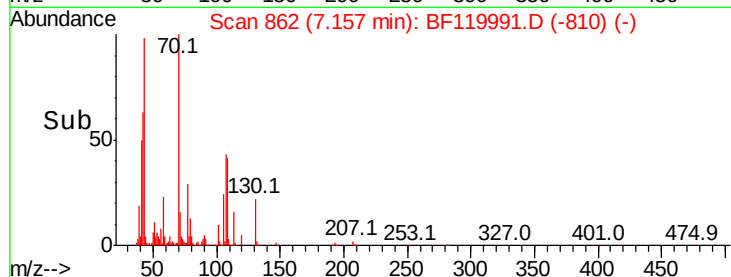
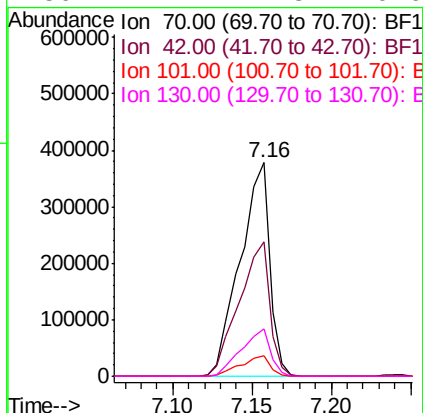
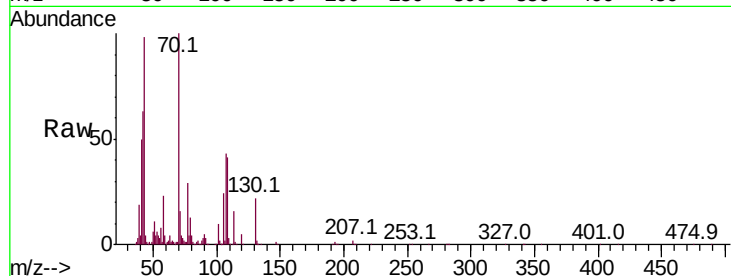




#19
n-Nitroso-di-n-propylamine
Concen: 54.267 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

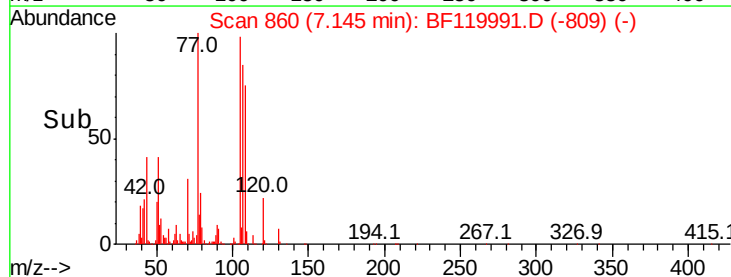
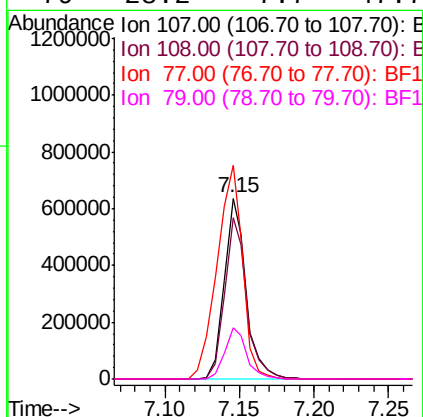
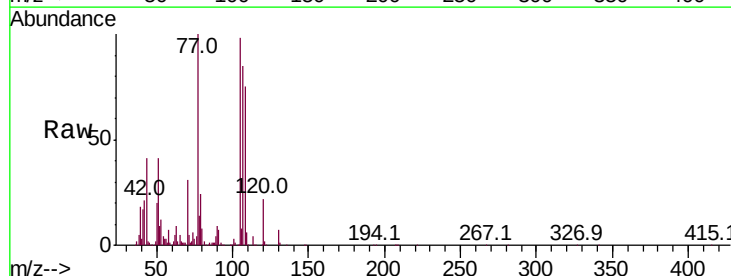
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

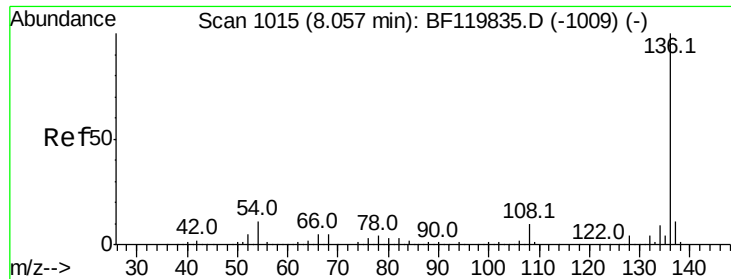
Tot Ion:	70	Resp:	488652
Ion	Ratio	Lower	Upper
70	100		
42	62.7	54.2	81.4
101	9.5	7.4	11.2
130	22.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 49.387 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:	107	Resp:	654513
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	118.3	86.6	126.6
79	28.2	7.7	47.7

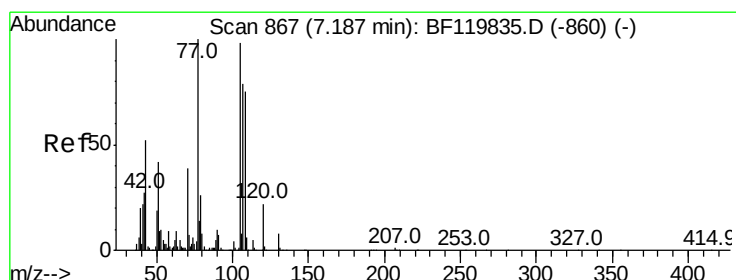
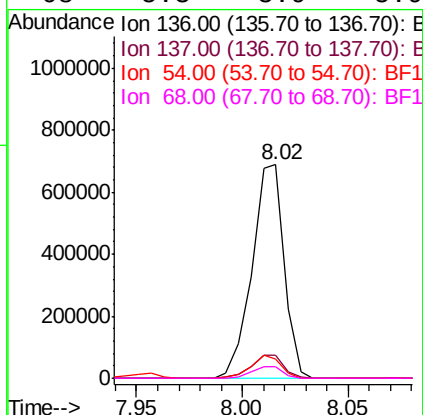
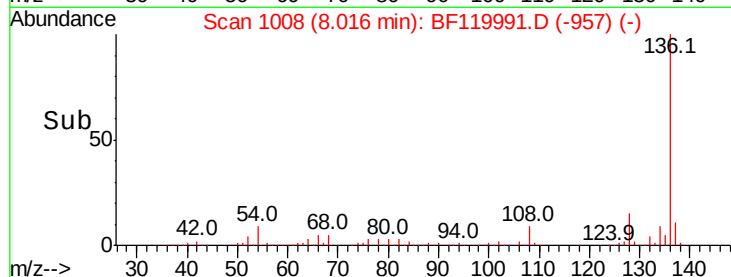
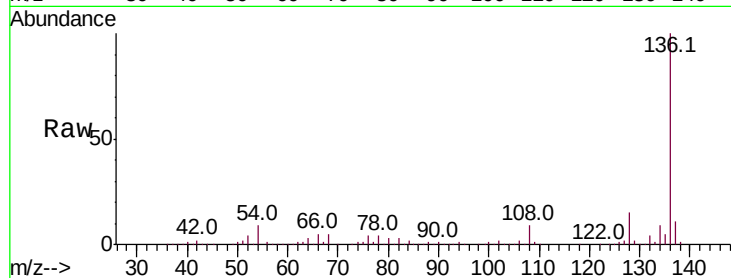




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

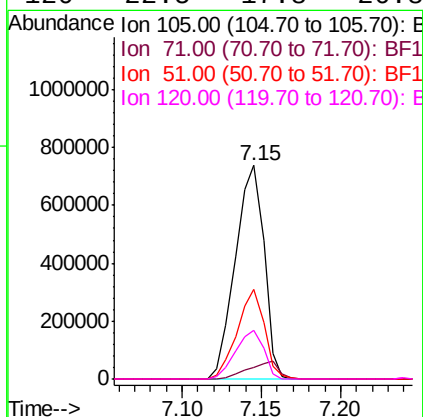
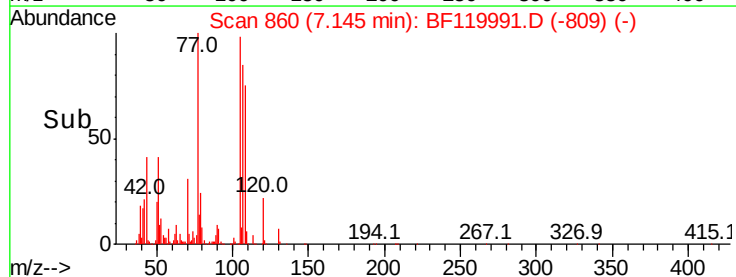
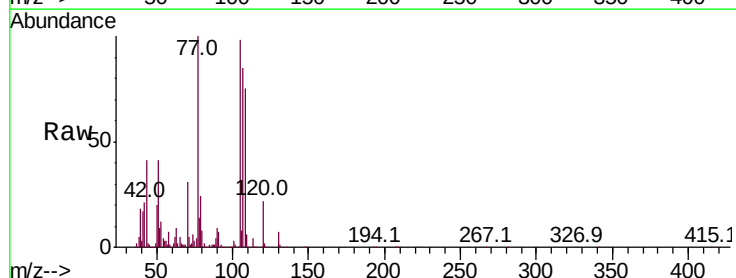
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

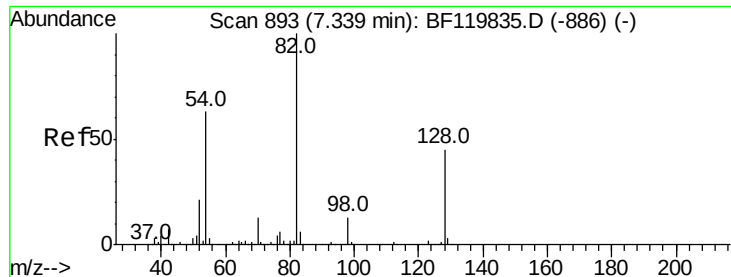
Tot Ion:	136	Resp:	730025
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	8.5	12.7
68	5.3	3.9	5.9



#22
Acetophenone
Concen: 54.138 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:	105	Resp:	925479
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.6	8.4#
51	41.7	33.9	50.9
120	22.5	17.8	26.8

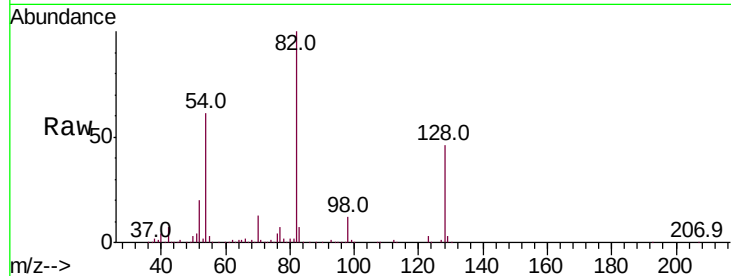




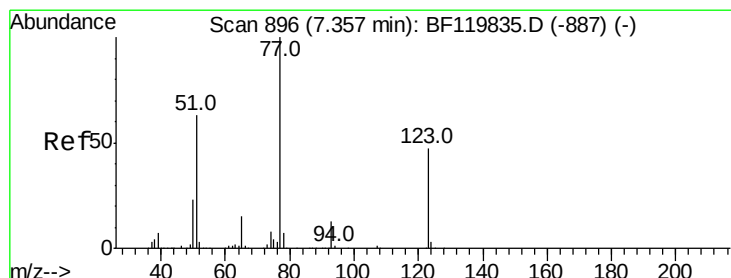
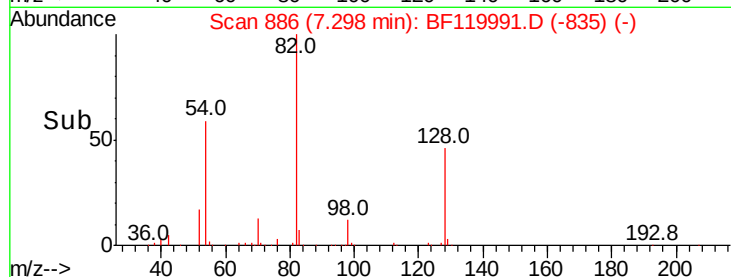
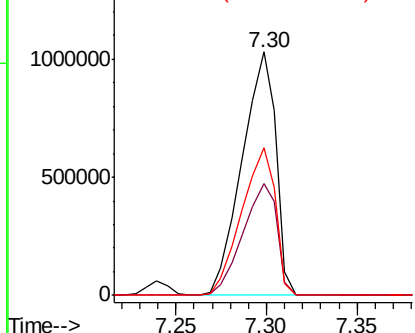
#23
 Nitrobenzene-d5
 Concen: 94.334 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion: 82 Resp: 1331172
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.2 54.4
 54 60.7 50.4 75.6

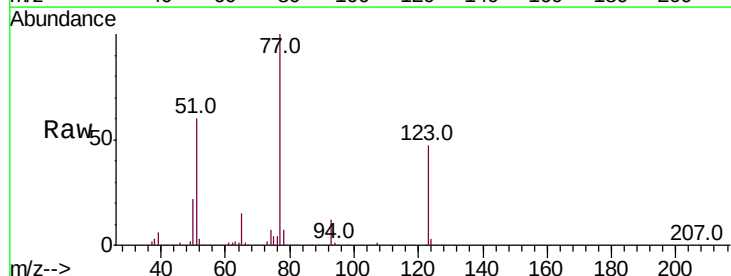


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

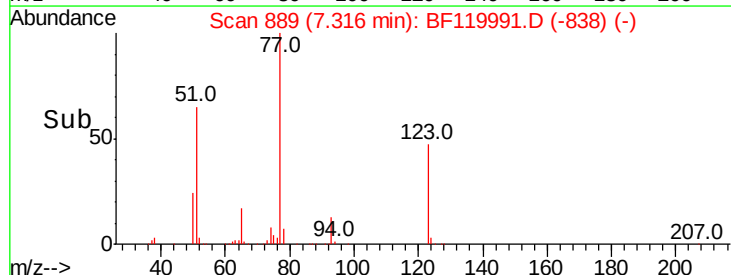
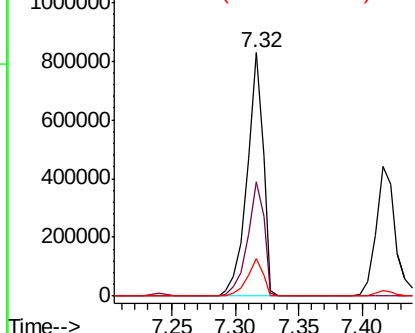


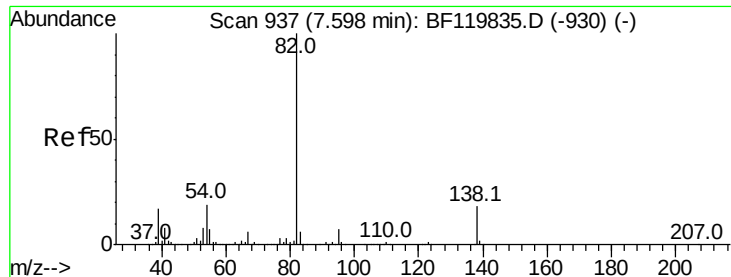
#24
 Nitrobenzene
 Concen: 51.392 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion: 77 Resp: 729532
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.8 56.8
 65 15.3 12.2 18.2



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





#25

Isophorone

Concen: 50.243 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

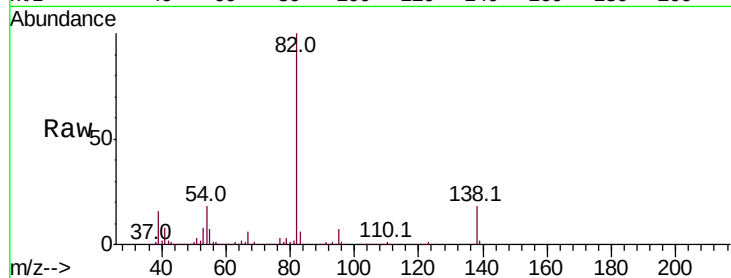
Tot Ion: 82 Resp: 1366735

Ion Ratio Lower Upper

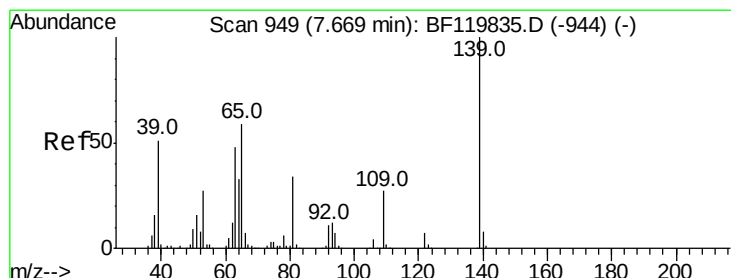
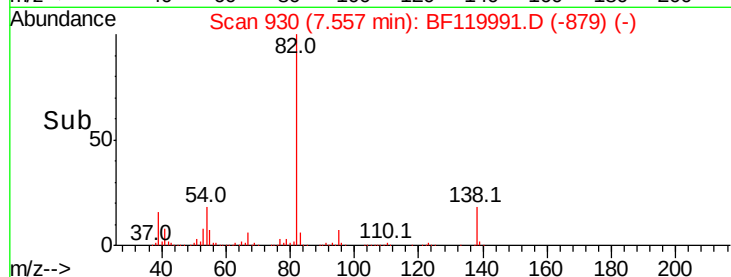
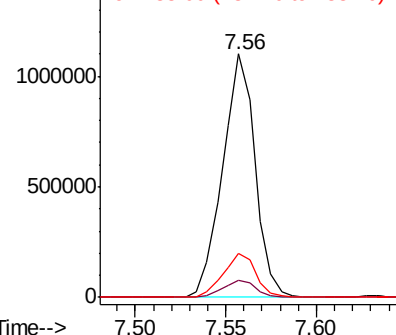
82 100

95 7.1 5.8 8.6

138 18.1 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.247 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

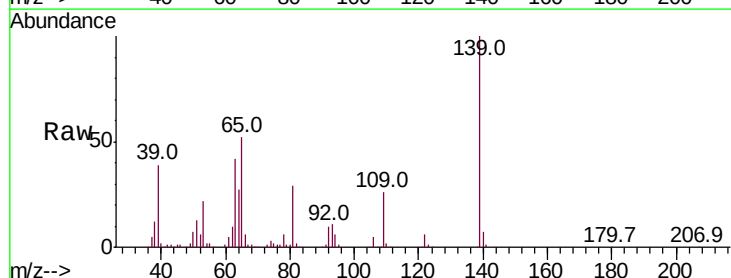
Tgt Ion:139 Resp: 377629

Ion Ratio Lower Upper

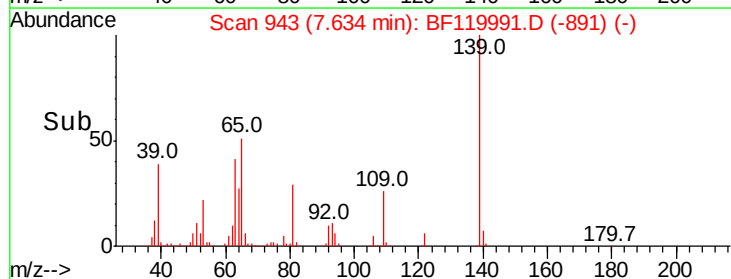
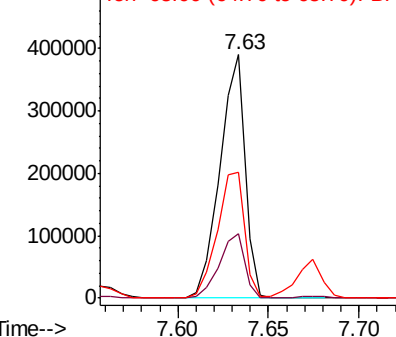
139 100

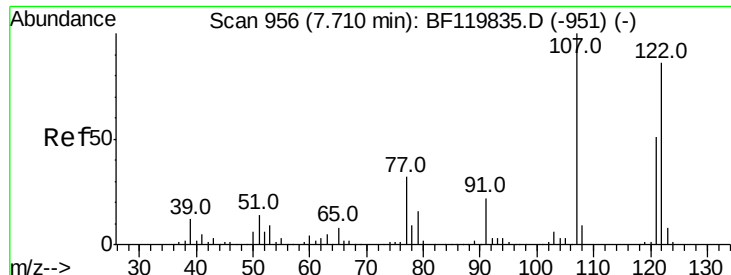
109 26.3 21.8 32.6

65 51.7 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
500000
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

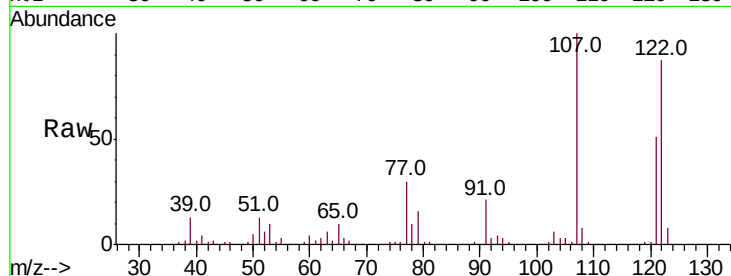




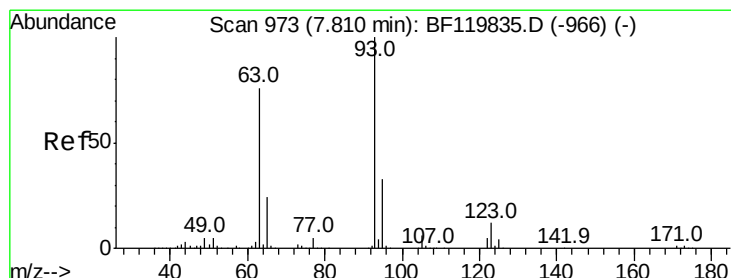
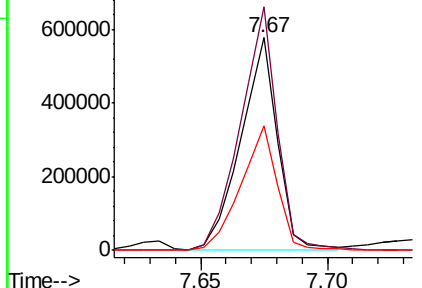
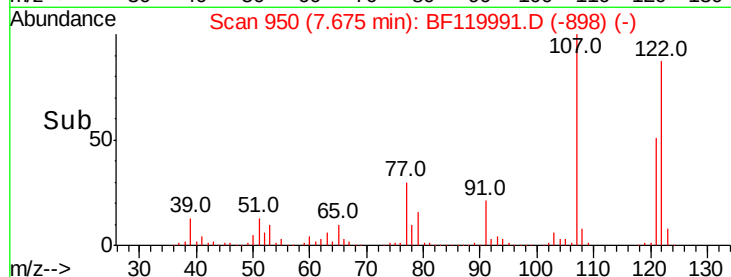
#27
 2,4-Dimethylphenol
 Concen: 54.522 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:122 Resp: 583175
 Ion Ratio Lower Upper
 122 100
 107 114.4 92.3 138.5
 121 58.8 46.6 70.0

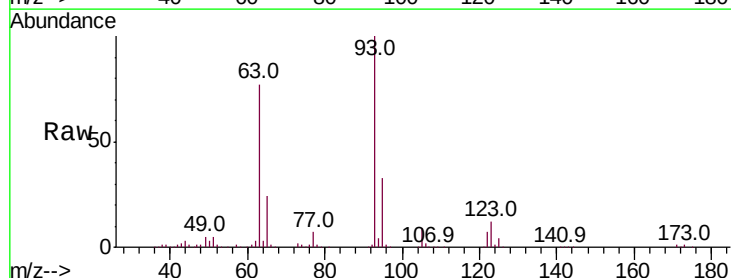


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

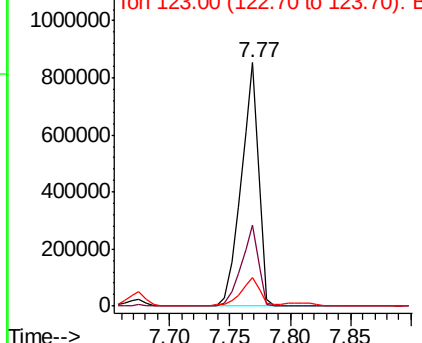
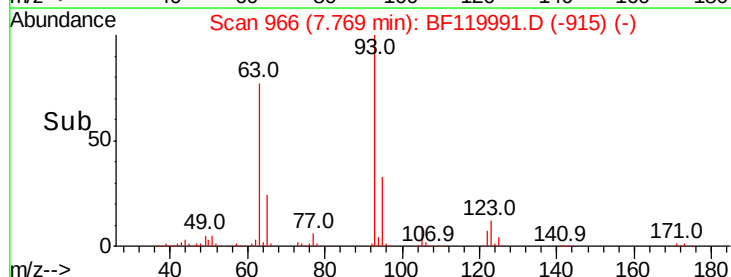


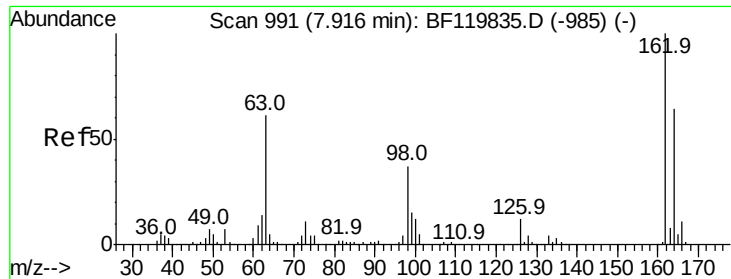
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.409 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion: 93 Resp: 854912
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.4 39.6
 123 11.7 9.7 14.5



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

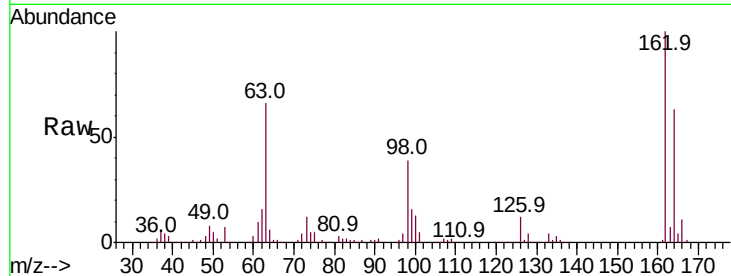




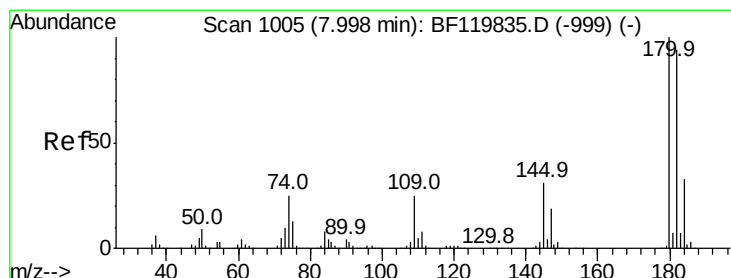
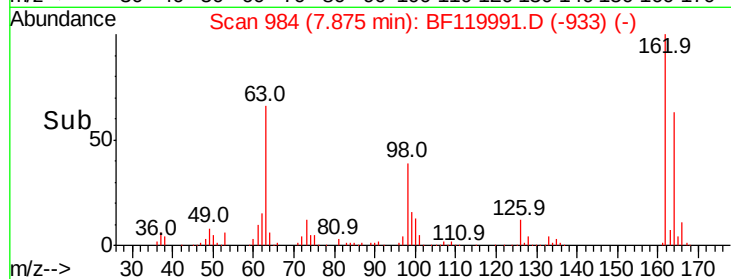
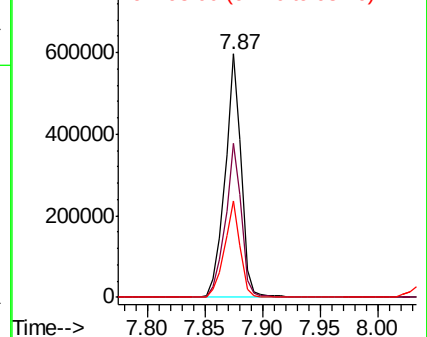
#29
 2,4-Dichlorophenol
 Concen: 52.452 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.4	84.4
98	39.4	17.3	57.3

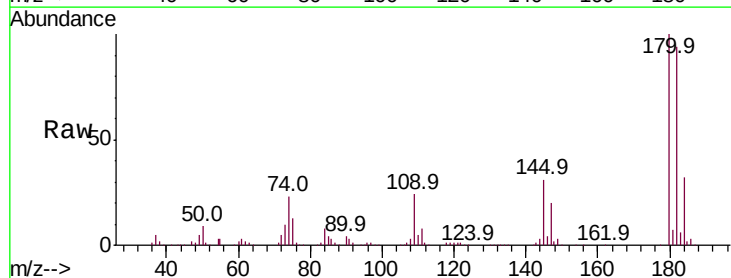


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

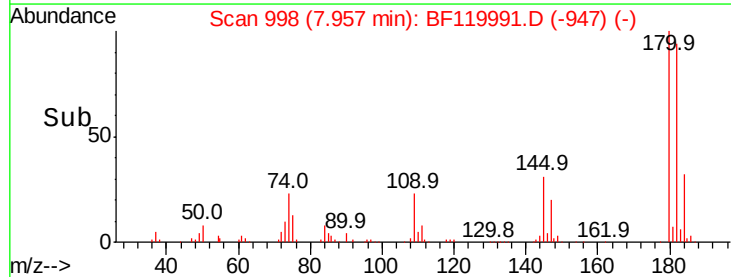
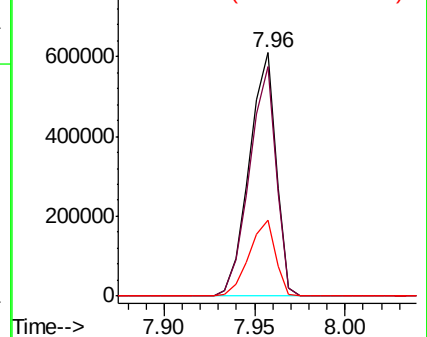


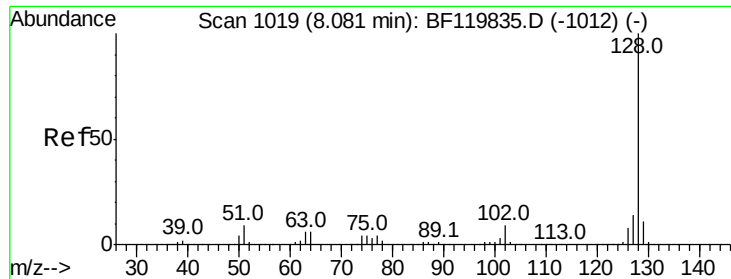
#30
 1,2,4-Trichlorobenzene
 Concen: 50.429 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.4	113.0
145	31.4	24.6	37.0



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

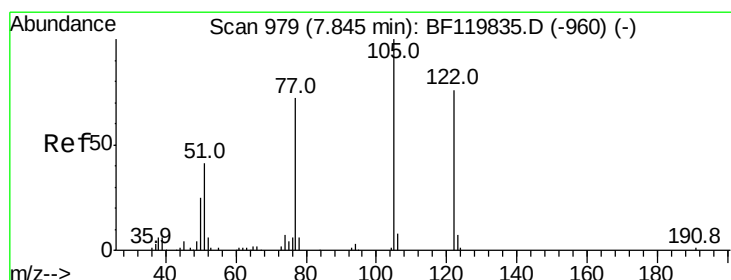
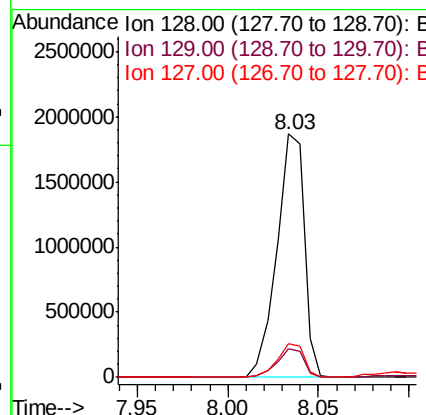
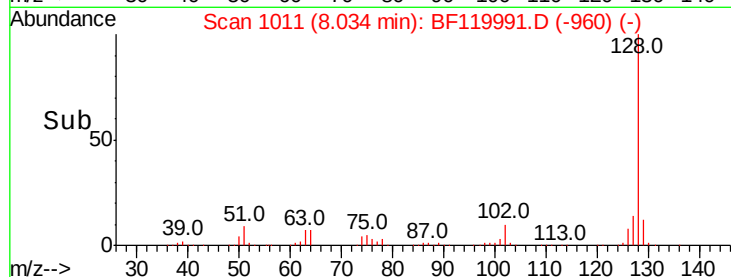
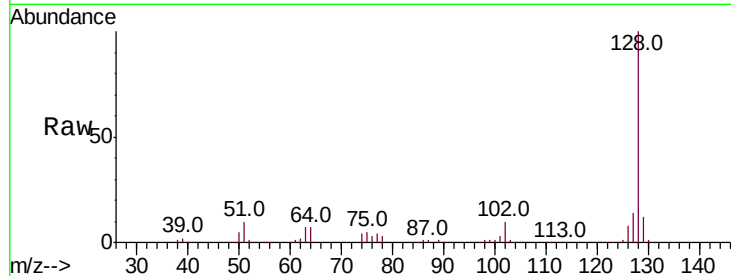




#31
Naphthalene
Concen: 51.143 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

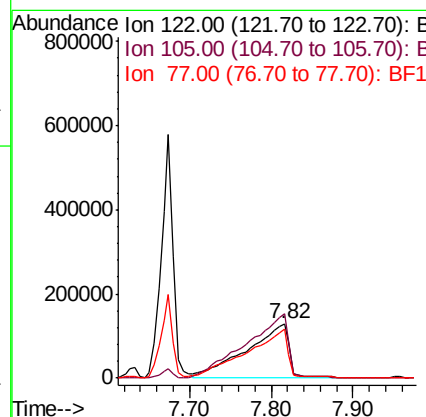
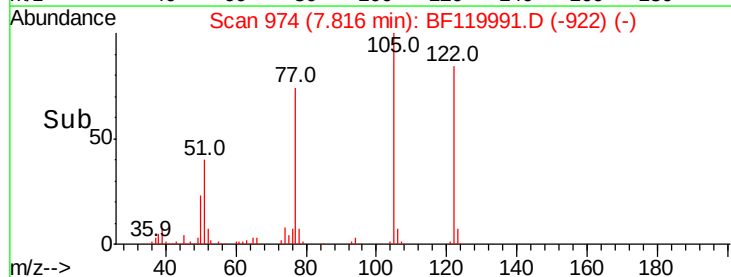
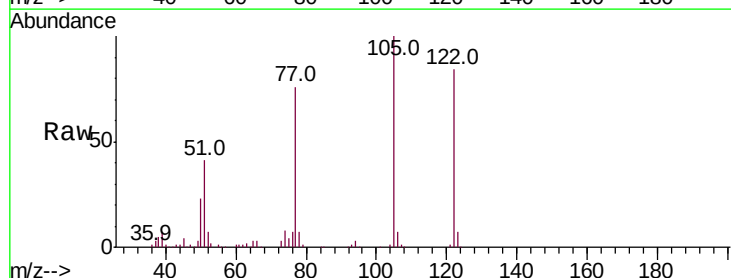
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

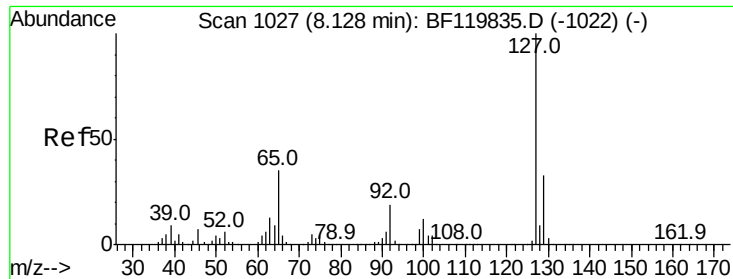
Tot Ion:128 Resp: 1964328
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 48.920 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:122 Resp: 459547
Ion Ratio Lower Upper
122 100
105 119.3 106.7 146.7
77 90.2 72.1 112.1

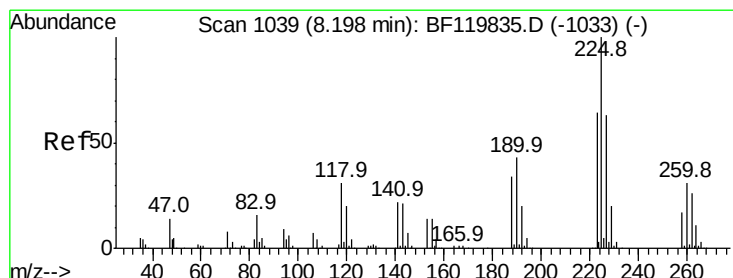
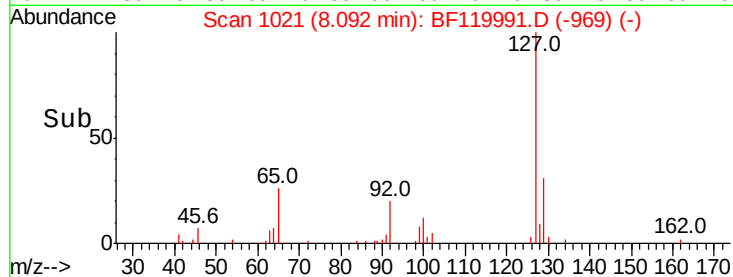
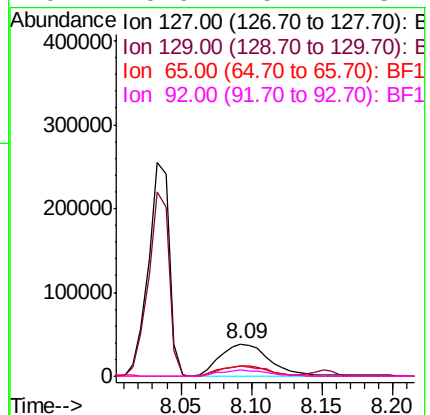
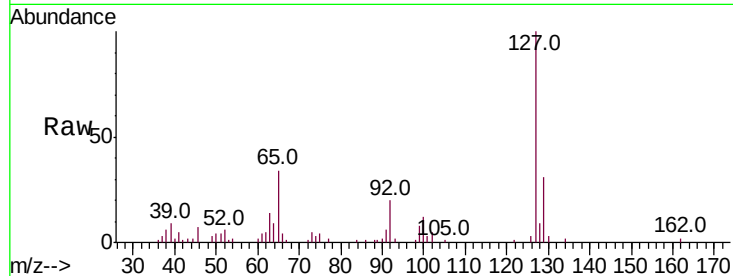




#33
4-Chloroaniline
Concen: 5.680 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

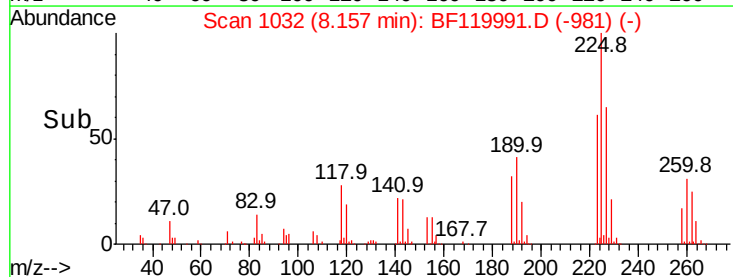
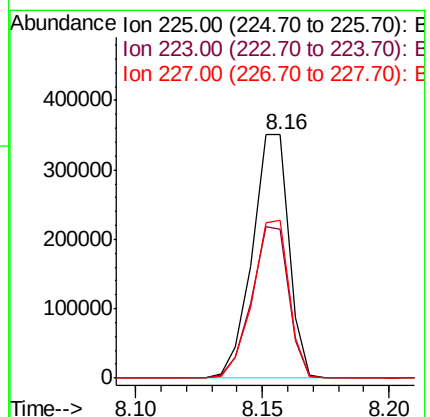
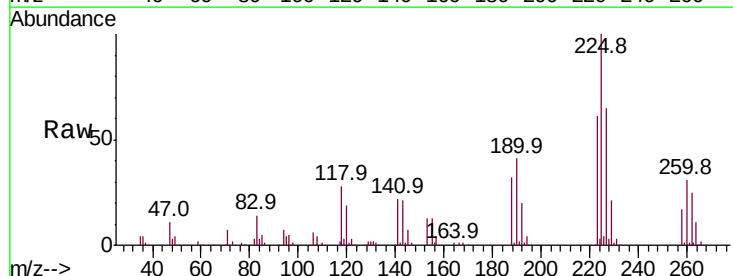
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

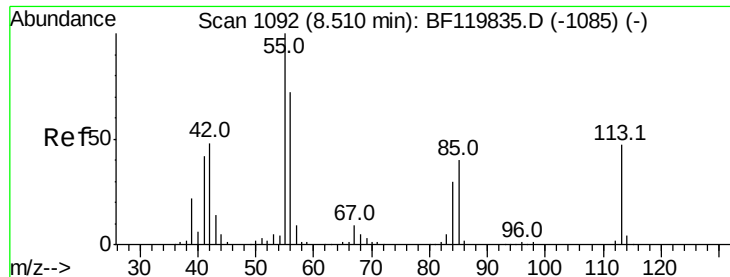
Tot Ion:	127	Resp:	94981
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	33.6	28.3	42.5
92	19.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 47.630 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:	225	Resp:	354199
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	65.1	50.4	75.6

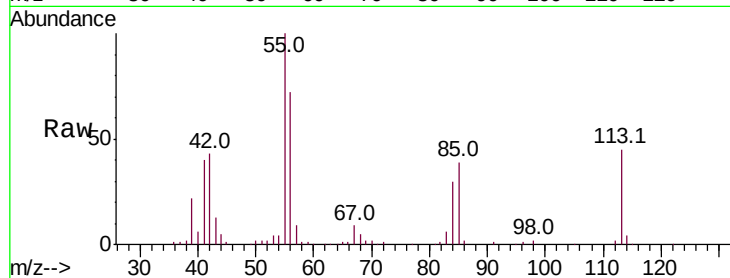




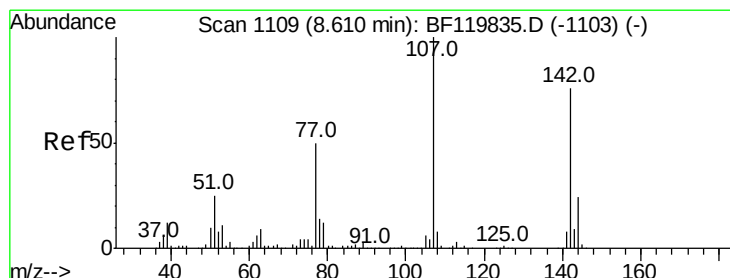
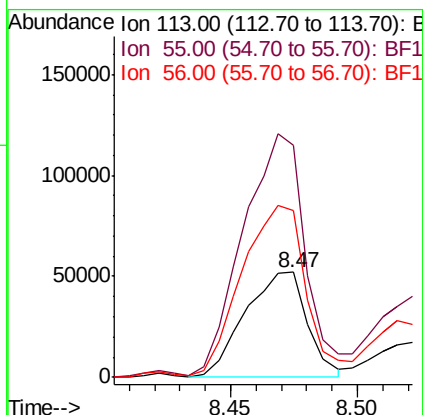
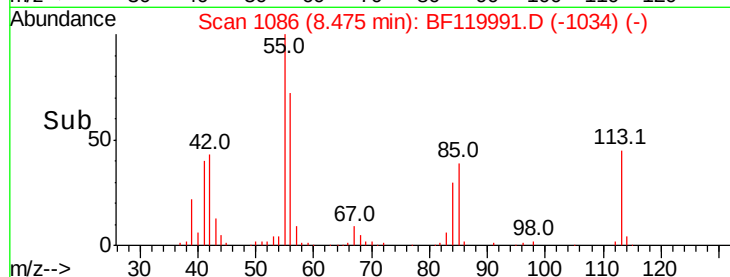
#35
 Caprolactam
 Concen: 26.740 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:113 Resp: 89679
 Ion Ratio Lower Upper
 113 100
 55 220.4 192.7 232.7
 56 158.5 133.3 173.3

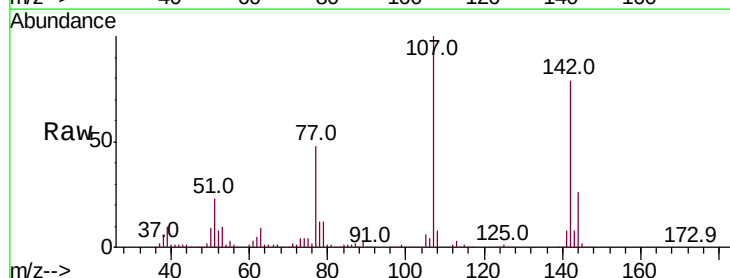


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

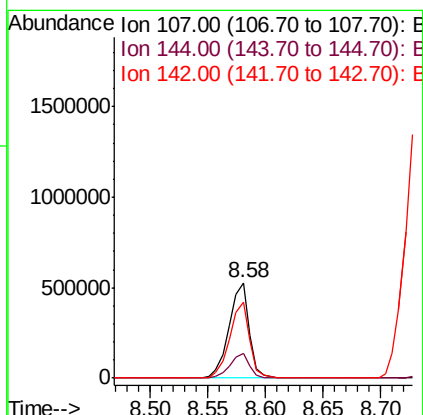
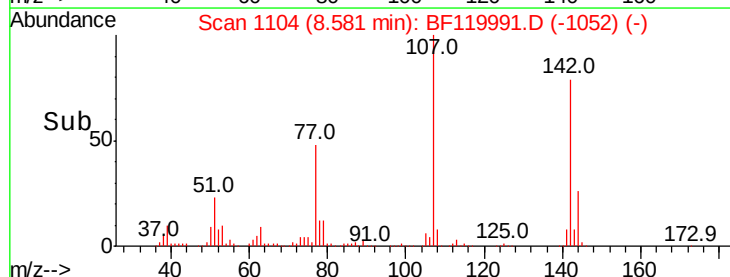


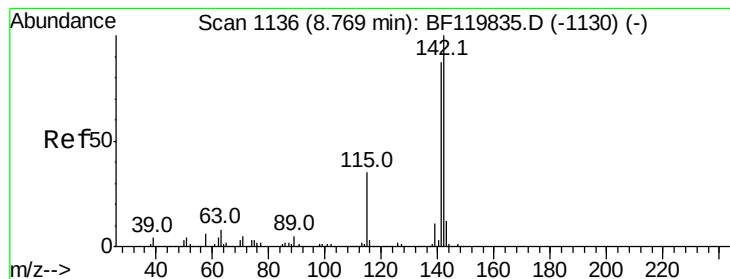
#36
 4-Chloro-3-methylphenol
 Concen: 53.042 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:107 Resp: 629607
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.5 29.3
 142 79.3 60.5 90.7



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





#37

2-Methylnaphthalene

Concen: 51.660 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

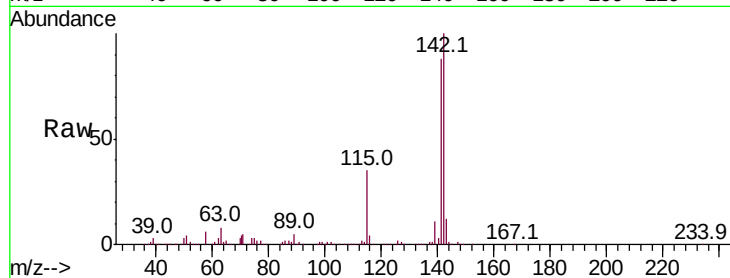
Tot Ion:142 Resp: 1345230

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9

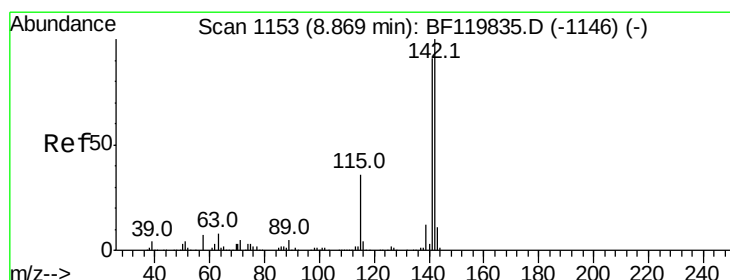
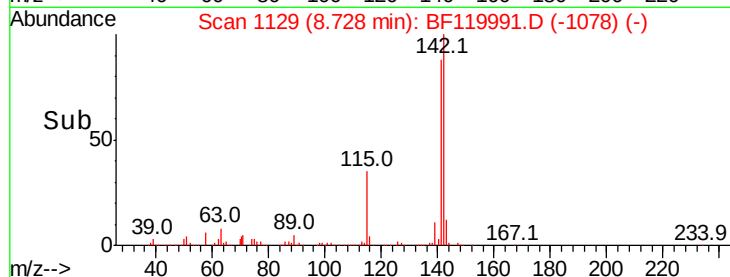
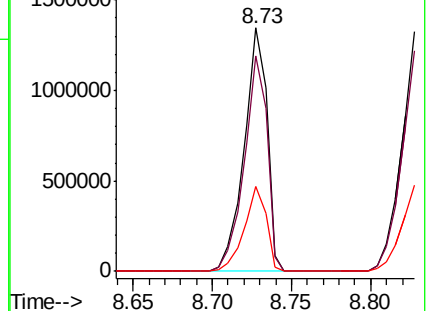
115 34.6 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.586 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

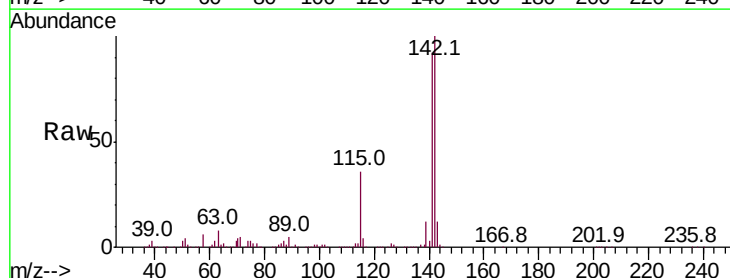
Tgt Ion:142 Resp: 1266117

Ion Ratio Lower Upper

142 100

141 92.2 72.9 109.3

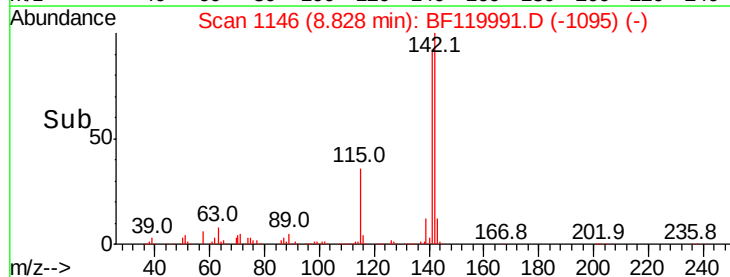
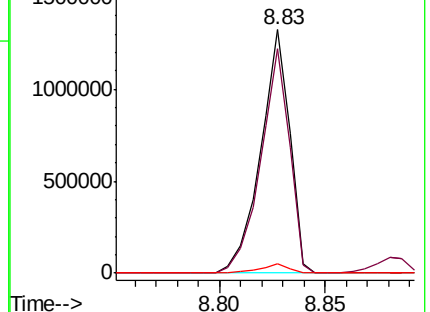
116 3.8 3.0 4.6

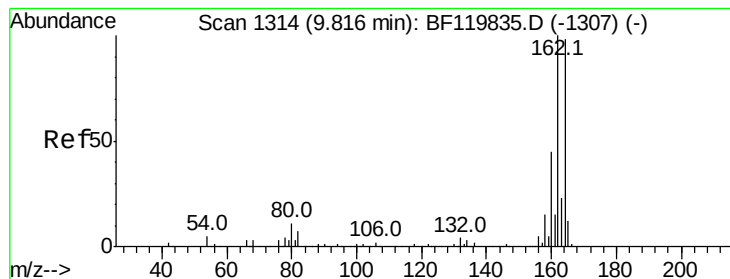


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

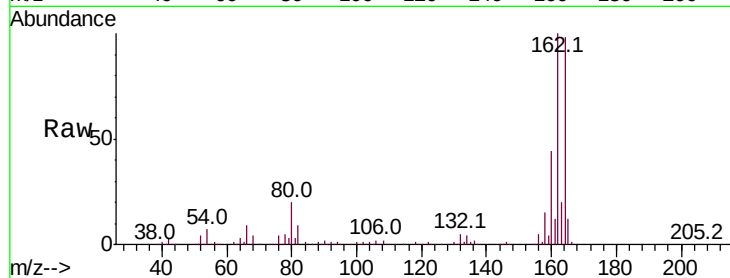
Tot Ion:164 Resp: 384923

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

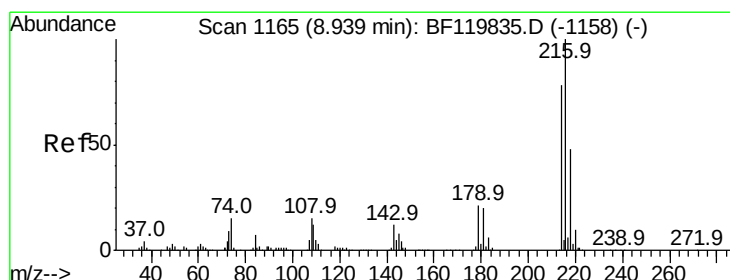
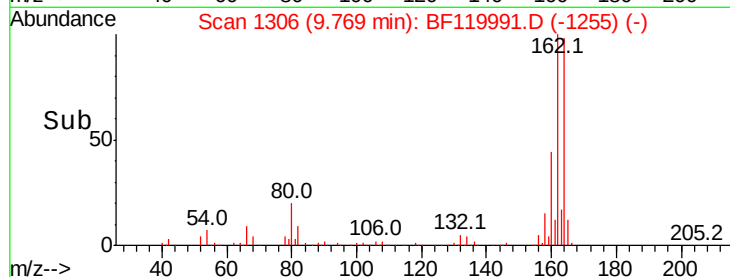
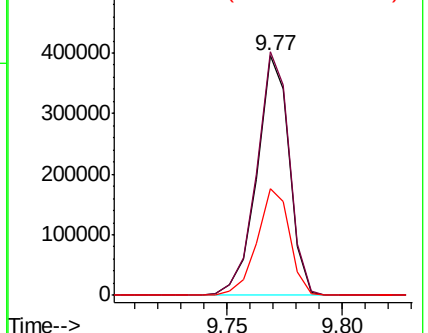
160 44.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.508 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion:216 Resp: 577578

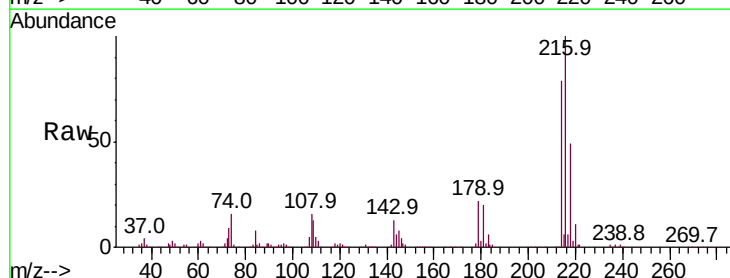
Ion Ratio Lower Upper

216 100

214 80.0 63.1 94.7

179 22.1 17.0 25.4

108 20.5 14.8 22.2

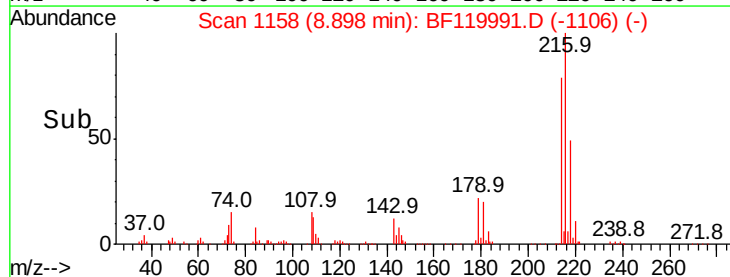
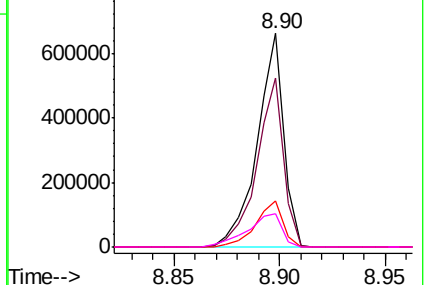


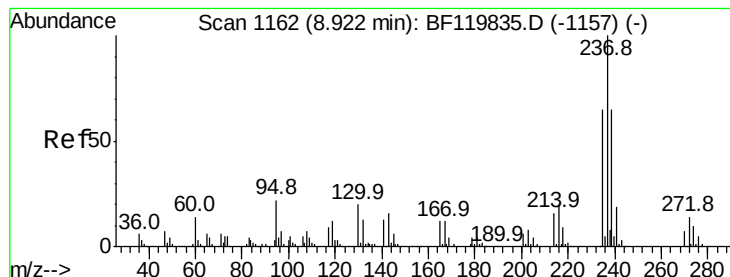
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.175 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

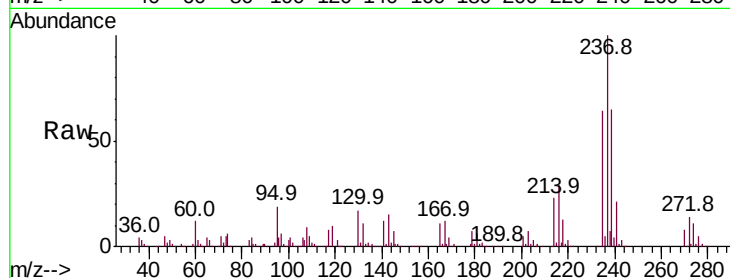
Tot Ion:237 Resp: 713271

Ion Ratio Lower Upper

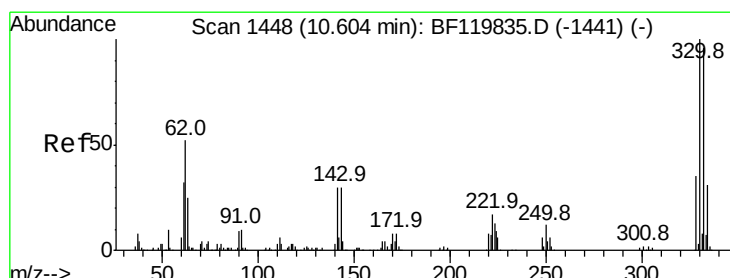
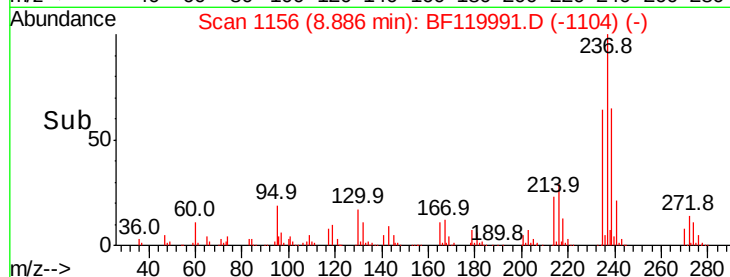
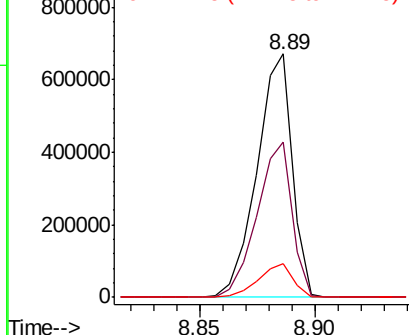
237 100

235 63.8 44.9 84.9

272 13.9 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 122.862 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

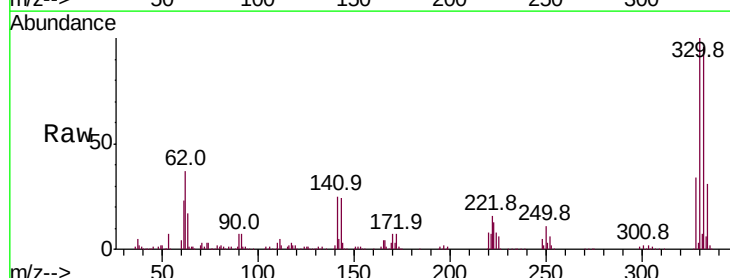
Tgt Ion:330 Resp: 579021

Ion Ratio Lower Upper

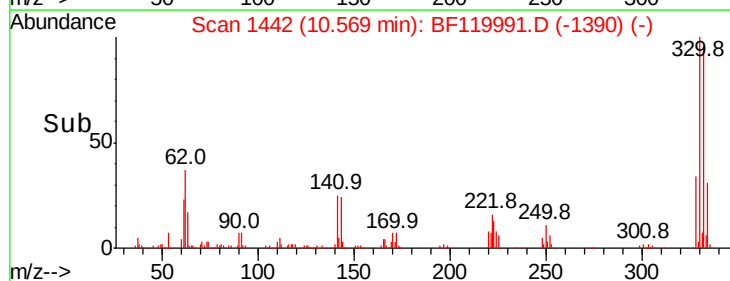
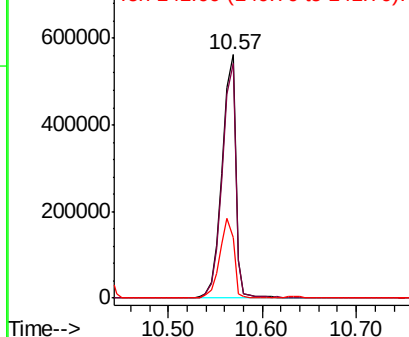
330 100

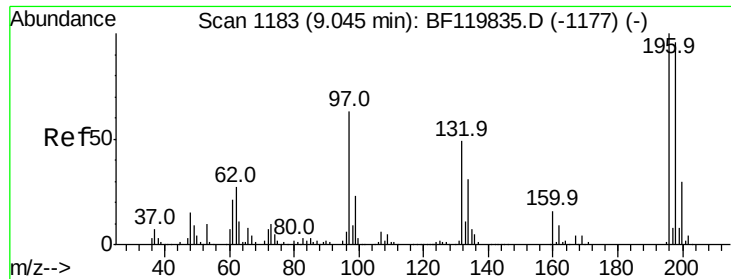
332 96.1 76.8 115.2

141 33.9 25.1 37.7



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

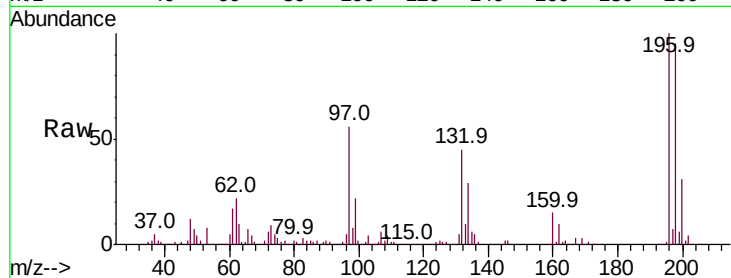




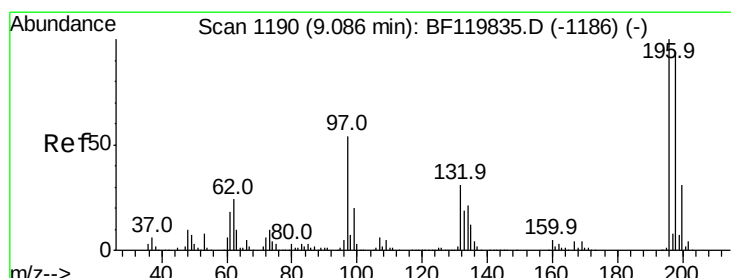
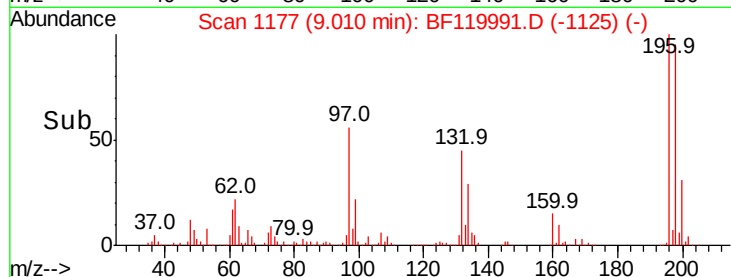
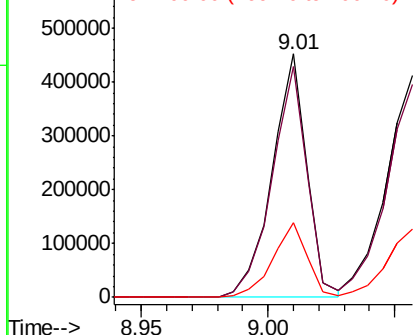
#43
 2,4,6-Trichlorophenol
 Concen: 50.828 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:196 Resp: 426718
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 200 30.6 24.2 36.2

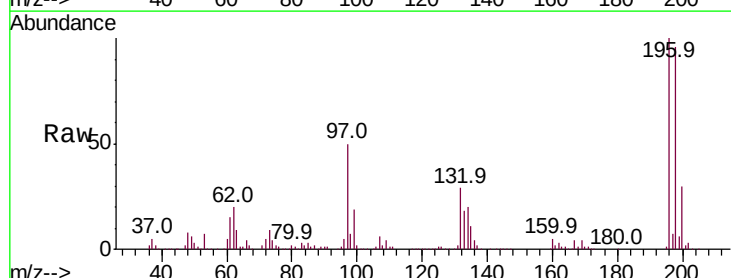


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

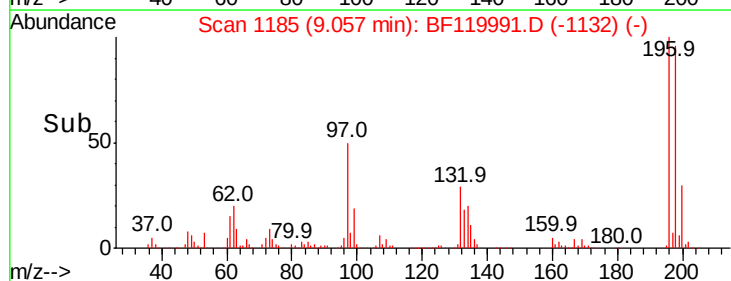
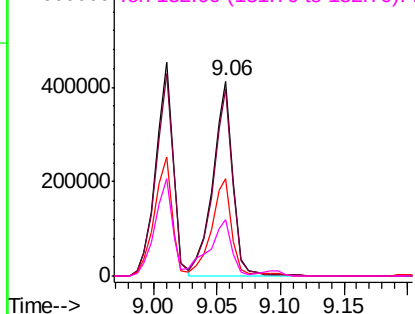


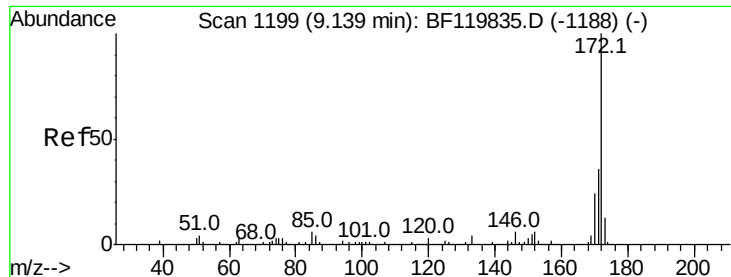
#44
 2,4,5-Trichlorophenol
 Concen: 48.345 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:196 Resp: 457128
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.1 112.7
 97 49.9 43.4 65.2
 132 28.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

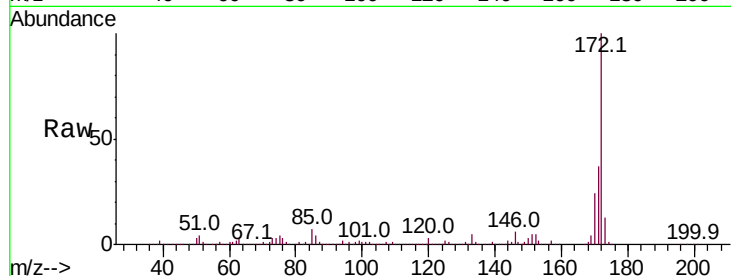




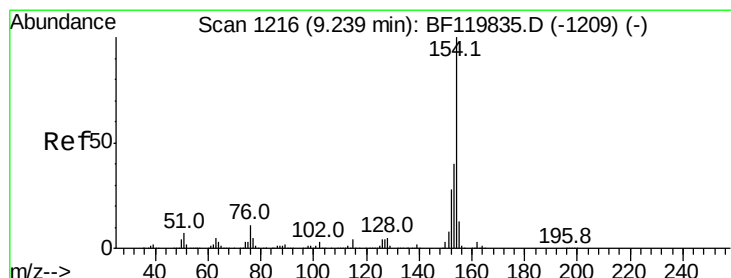
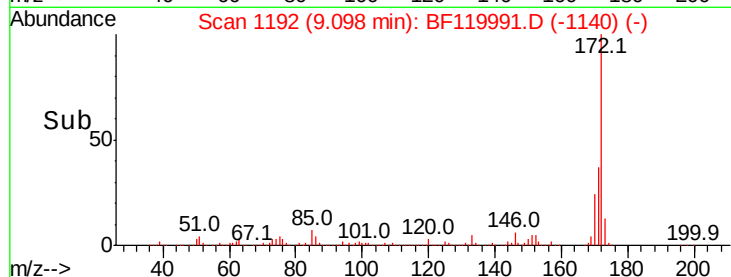
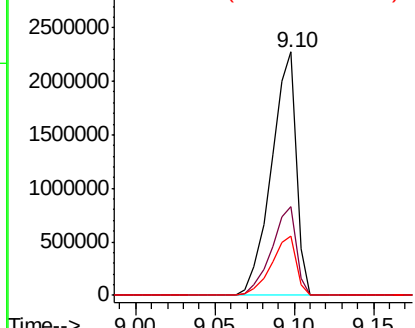
#45
2-Fluorobiphenyl
Concen: 91.628 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:172 Resp: 2484161
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 24.2 19.4 29.2

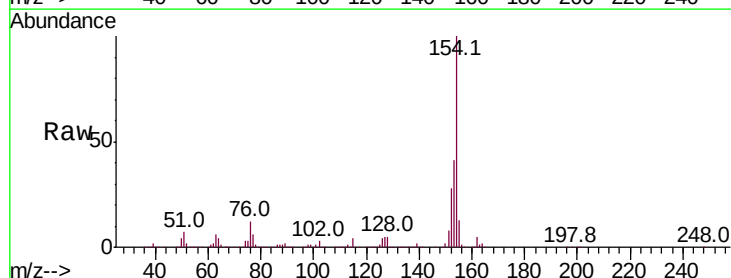


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

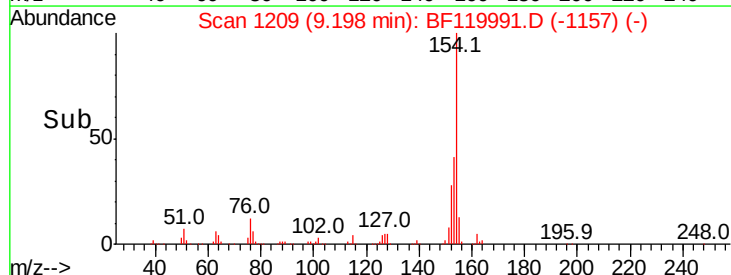
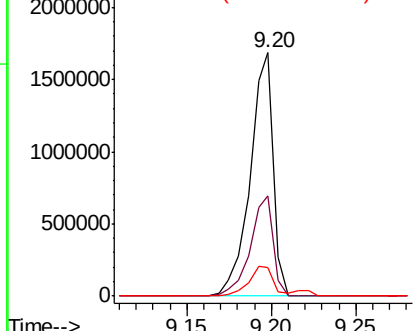


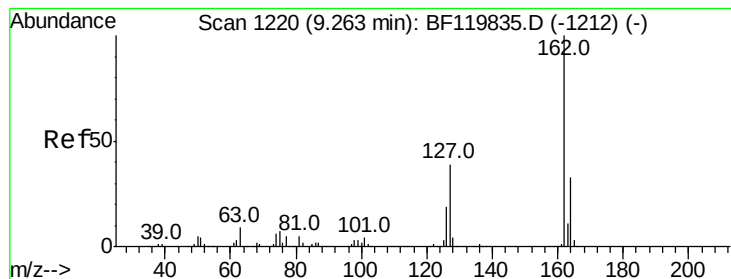
#46
1,1'-Biphenyl
Concen: 49.487 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:154 Resp: 1607831
Ion Ratio Lower Upper
154 100
153 41.4 20.5 60.5
76 12.0 0.0 30.6



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





#47

2-Chloronaphthalene

Concen: 50.588 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

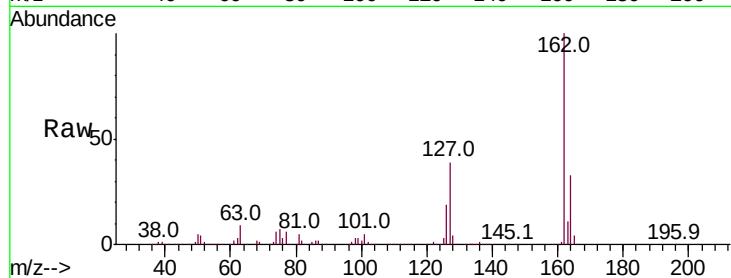
Tot Ion:162 Resp: 1266131

Ion Ratio Lower Upper

162 100

127 39.3 31.2 46.8

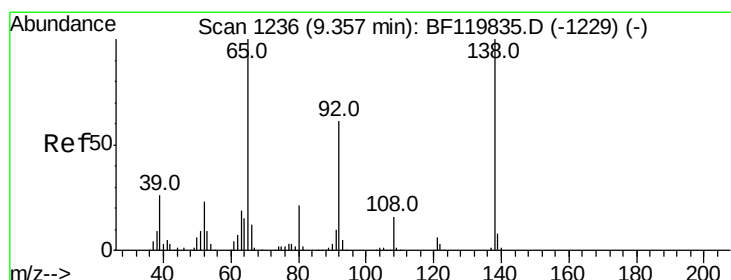
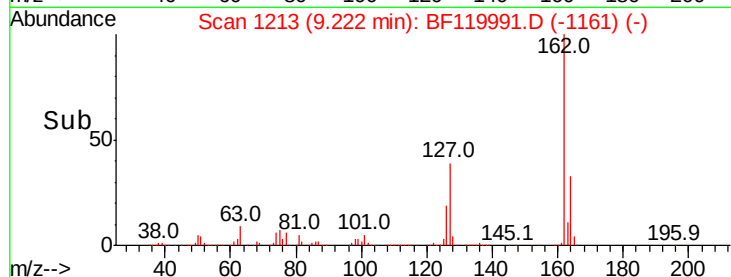
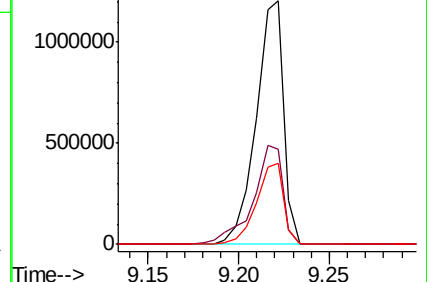
164 33.5 26.3 39.5



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: 48.926 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

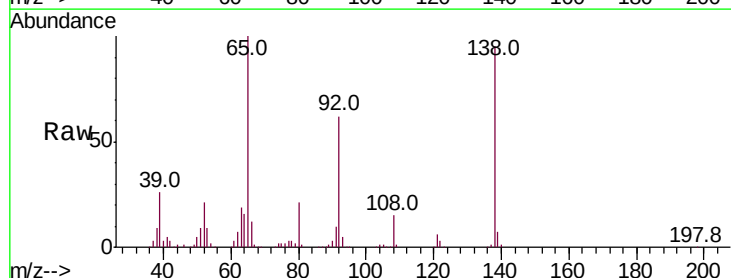
Tgt Ion: 65 Resp: 443758

Ion Ratio Lower Upper

65 100

92 61.9 49.0 73.6

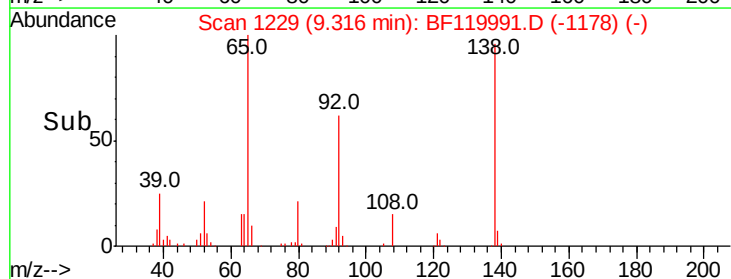
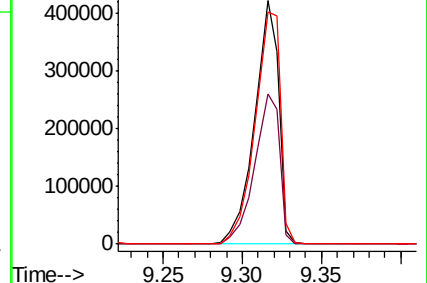
138 95.4 79.7 119.5

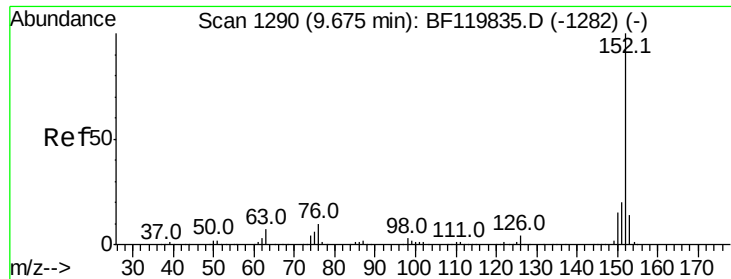


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.520 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

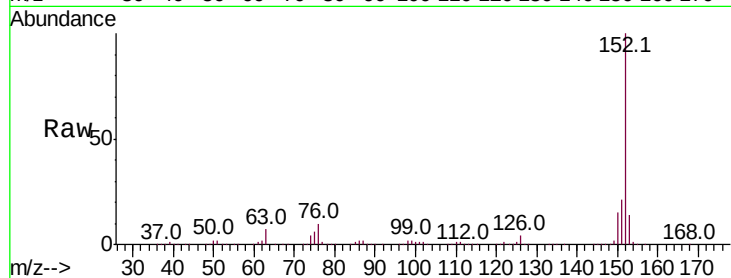
Tot Ion:152 Resp: 1961038

Ion Ratio Lower Upper

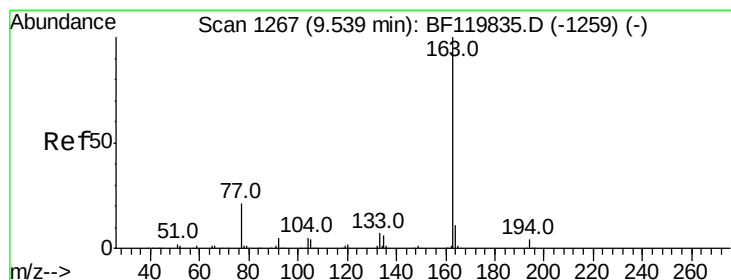
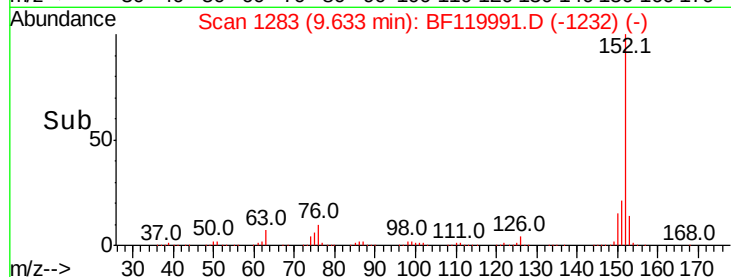
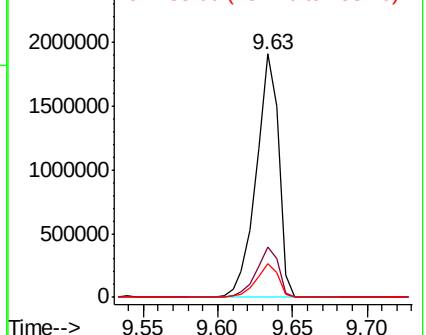
152 100

151 20.7 16.2 24.4

153 13.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.630 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

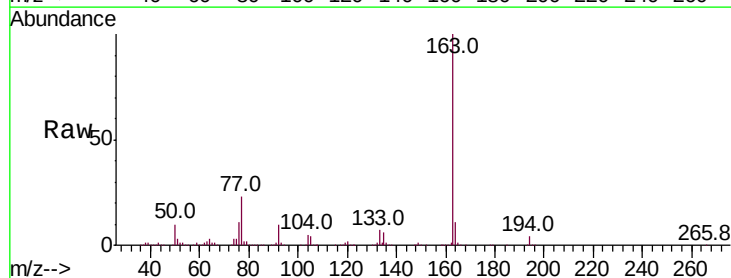
Tgt Ion:163 Resp: 1507432

Ion Ratio Lower Upper

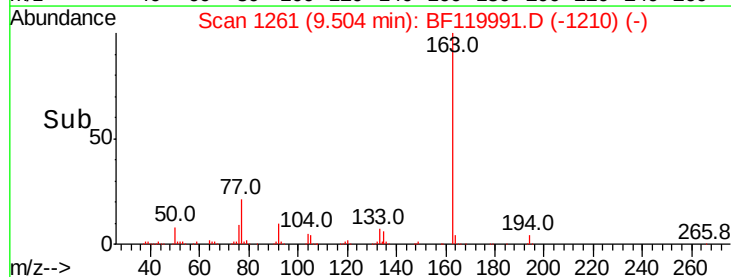
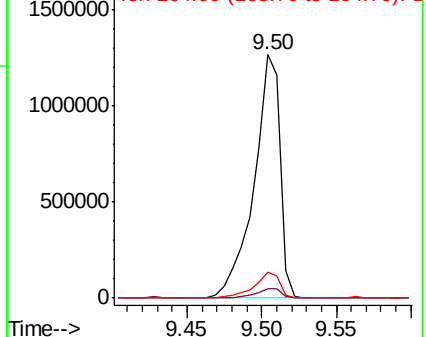
163 100

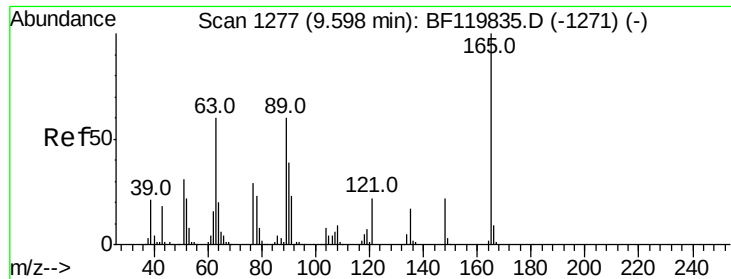
194 4.0 3.0 4.4

164 10.6 8.4 12.6



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

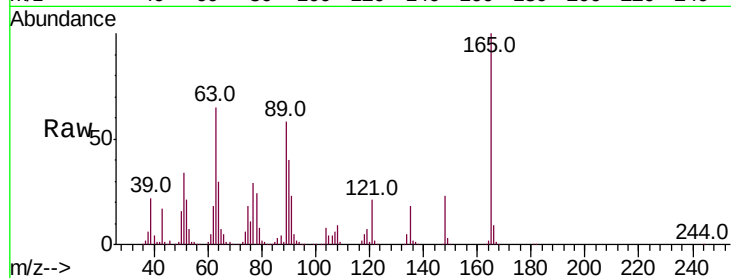




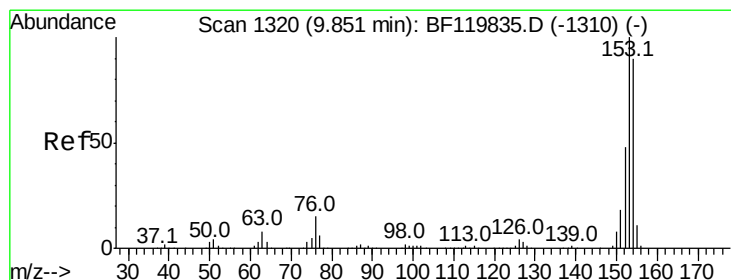
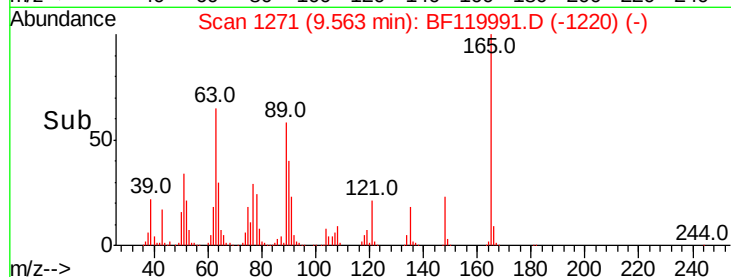
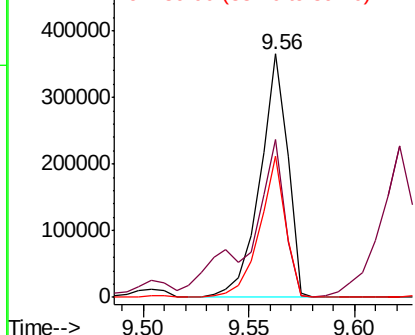
#51
2,6-Dinitrotoluene
Concen: 51.023 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:165 Resp: 332659
Ion Ratio Lower Upper
165 100
63 65.0 55.6 83.4
89 57.9 47.9 71.9

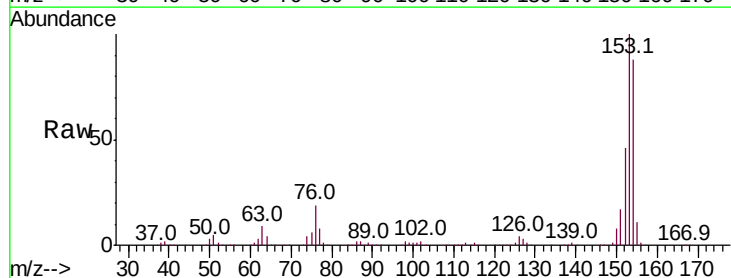


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

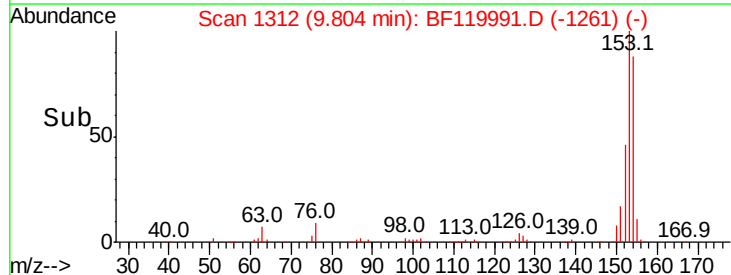
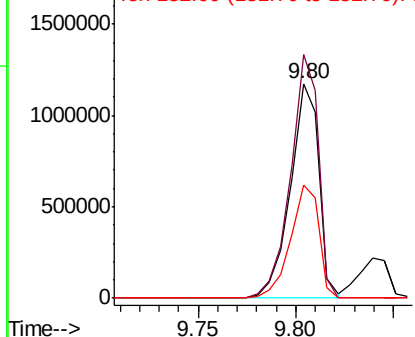


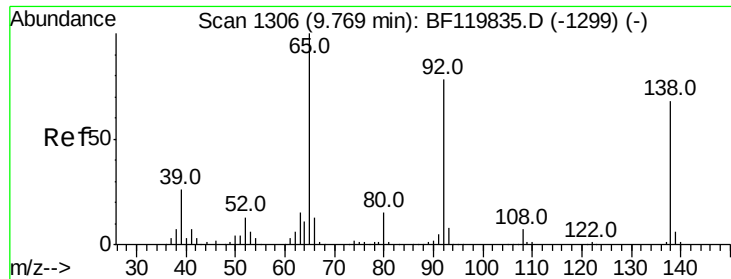
#52
Acenaphthene
Concen: 46.717 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:154 Resp: 1186176
Ion Ratio Lower Upper
154 100
153 113.6 88.8 133.2
152 52.7 42.4 63.6



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

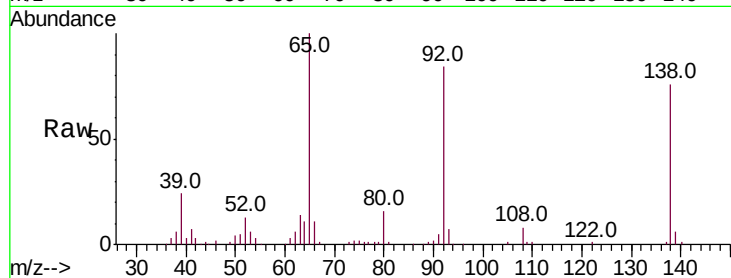




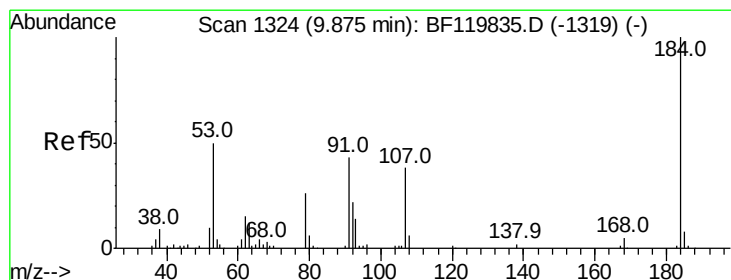
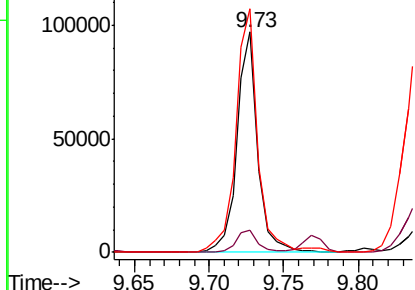
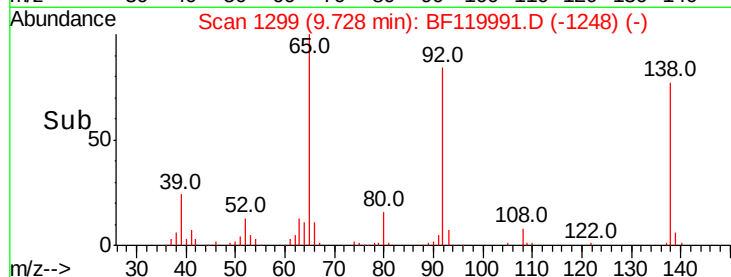
#53
 3-Nitroaniline
 Concen: 12.666 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:138 Resp: 94313
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.0 12.0
 92 110.4 92.1 138.1

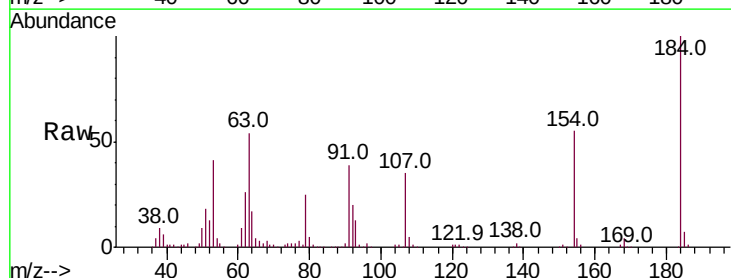


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

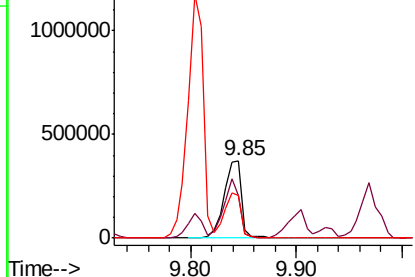
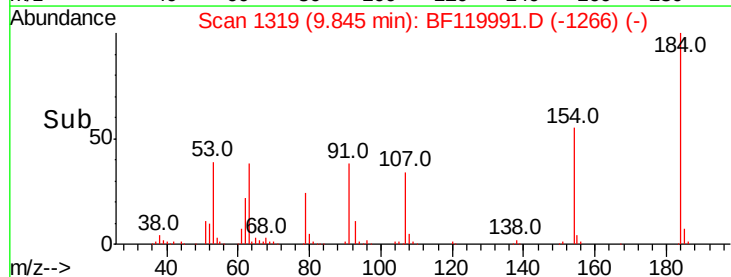


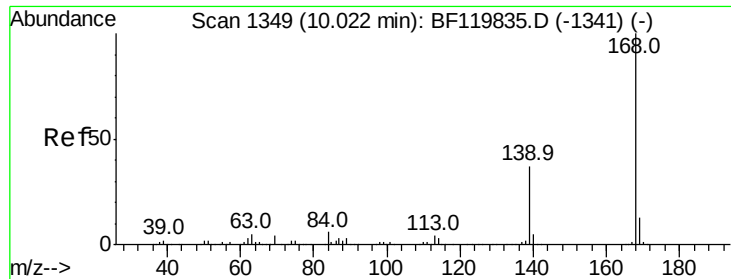
#54
 2,4-Dinitrophenol
 Concen: 112.089 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:184 Resp: 437530
 Ion Ratio Lower Upper
 184 100
 63 54.1 49.8 74.6
 154 55.3 46.5 69.7



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

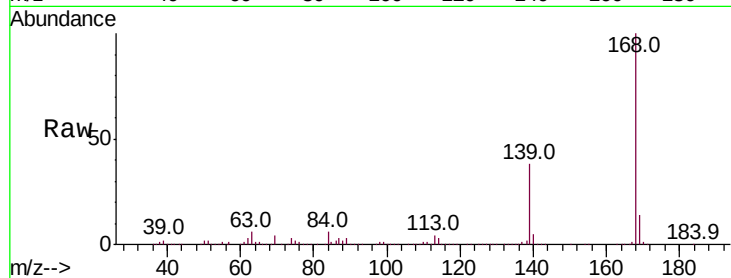




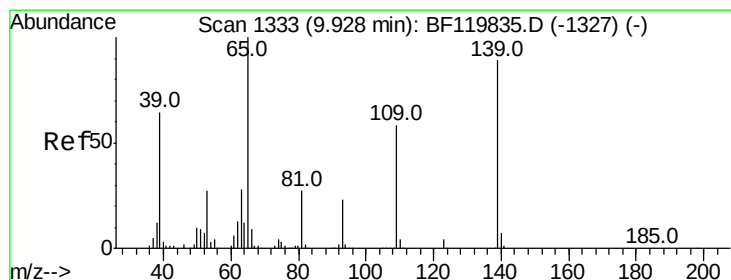
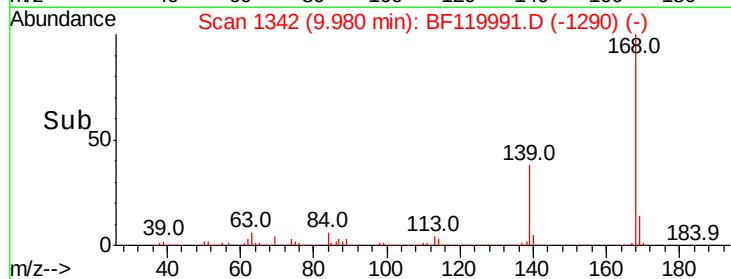
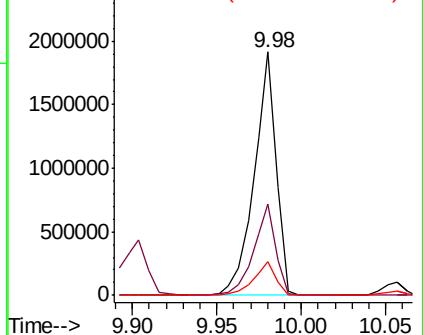
#55
Dibenzofuran
Concen: 50.017 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:168 Resp: 1742711
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 14.0 10.6 15.8

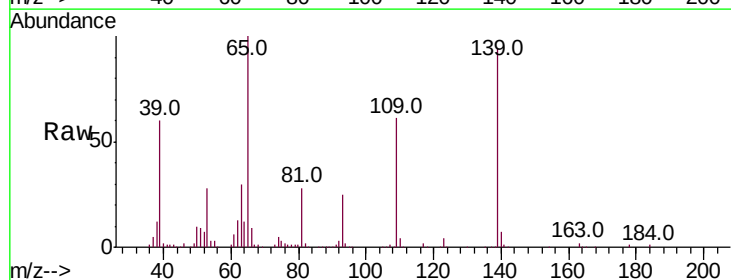


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

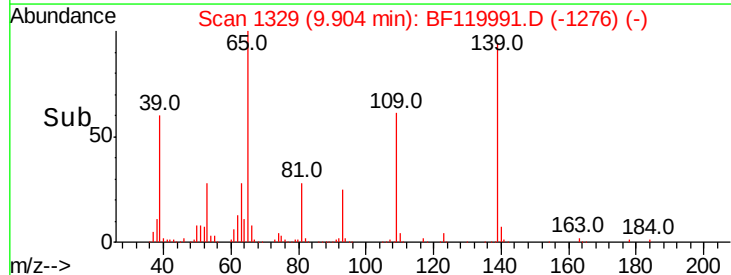
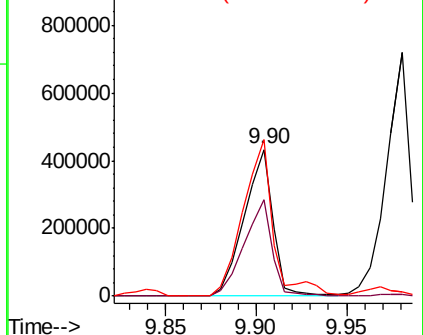


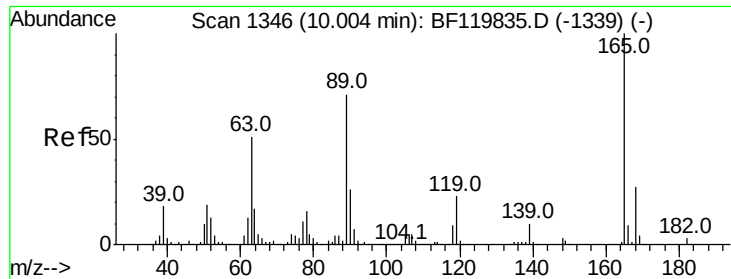
#56
4-Nitrophenol
Concen: 86.067 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:139 Resp: 476844
Ion Ratio Lower Upper
139 100
109 65.4 45.5 85.5
65 106.9 92.3 132.3



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

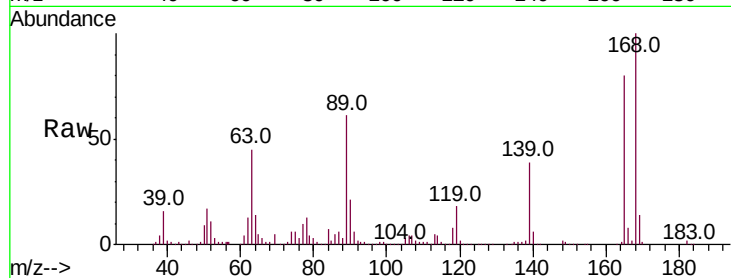




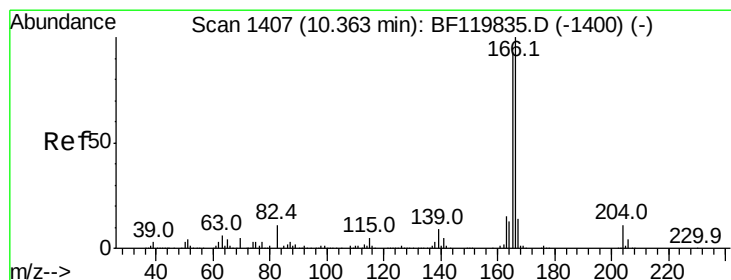
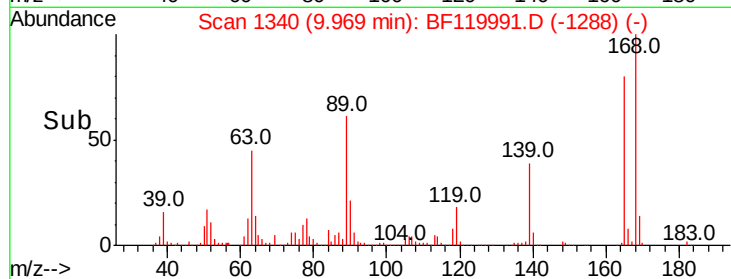
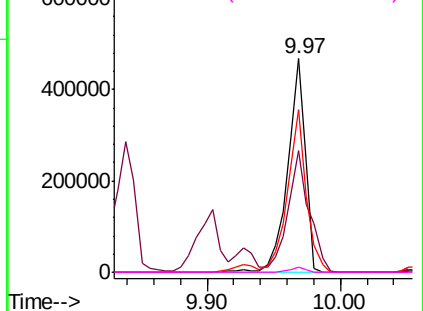
#57
 2,4-Dinitrotoluene
 Concen: 51.116 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:	165	Resp:	439086
Ion	Ratio	Lower	Upper
165	100		
63	56.7	40.8	61.2
89	76.3	56.9	85.3
182	2.5	2.0	3.0

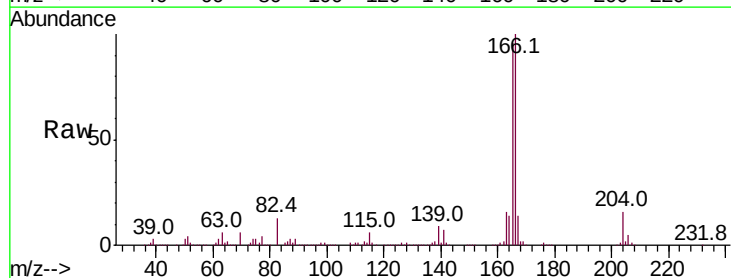


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

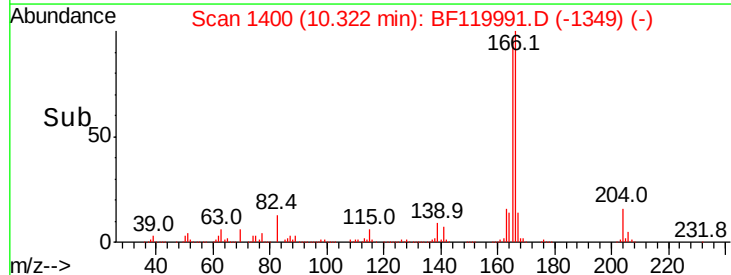
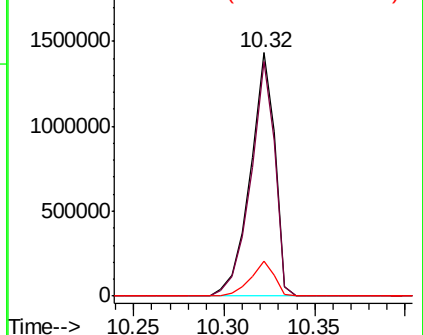


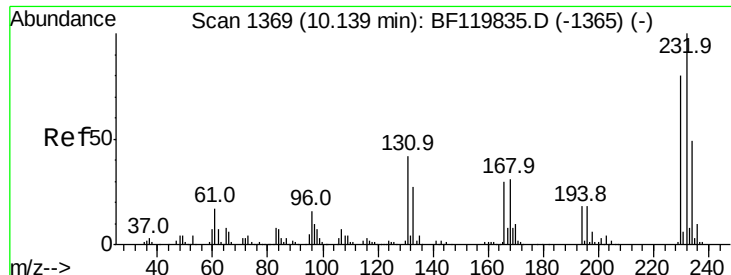
#58
 Fluorene
 Concen: 48.356 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:	166	Resp:	1347455
Ion	Ratio	Lower	Upper
166	100		
165	96.2	74.2	111.2
167	14.2	10.8	16.2



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

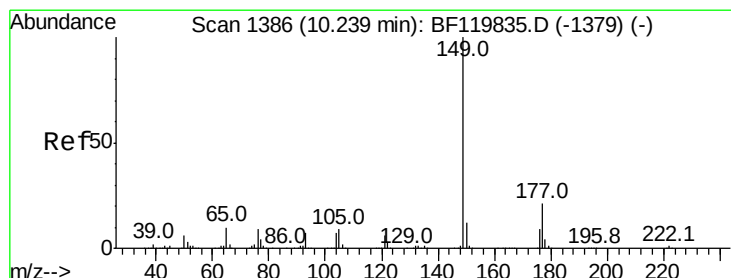
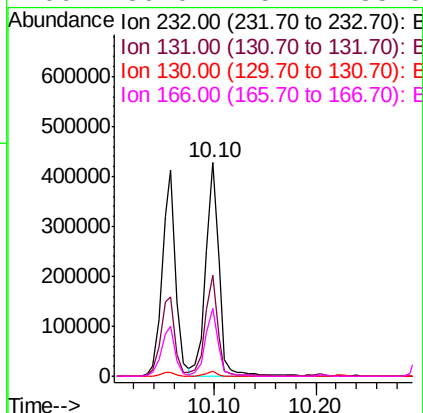
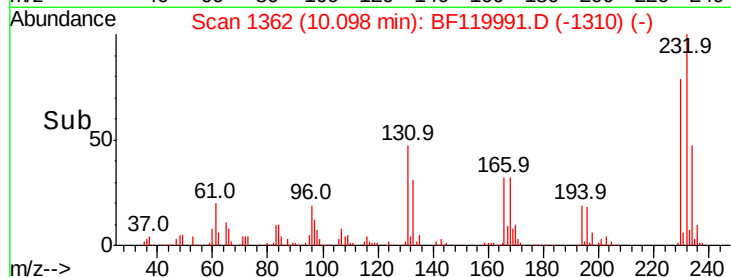
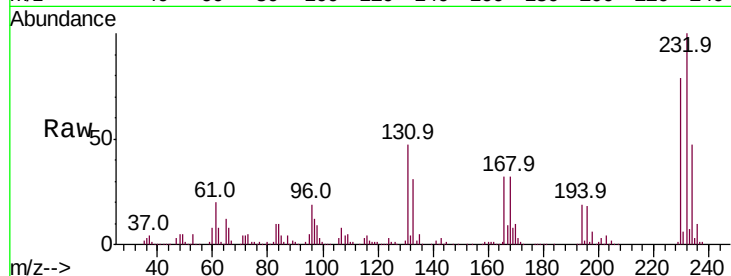




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.396 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

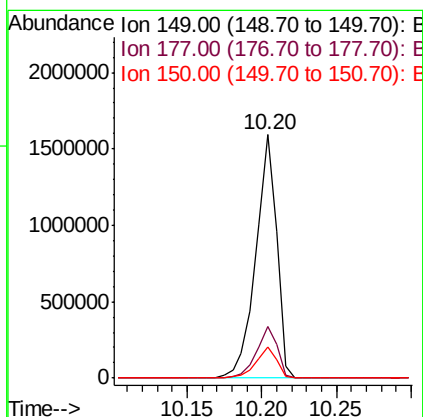
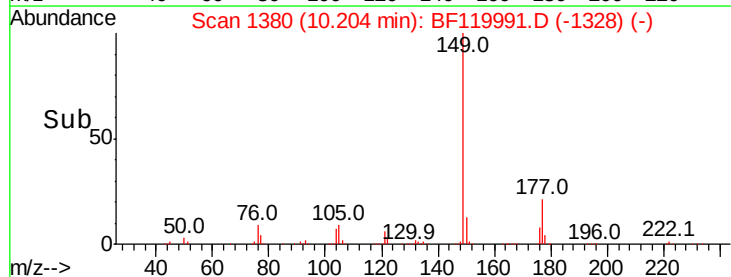
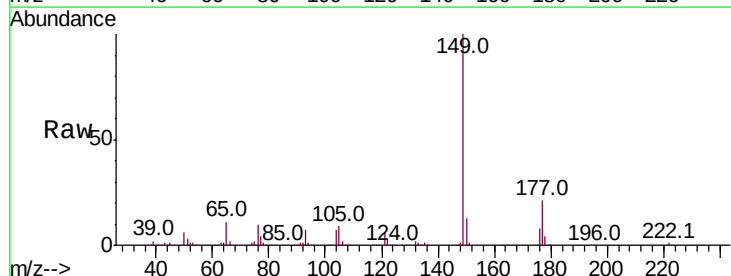
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

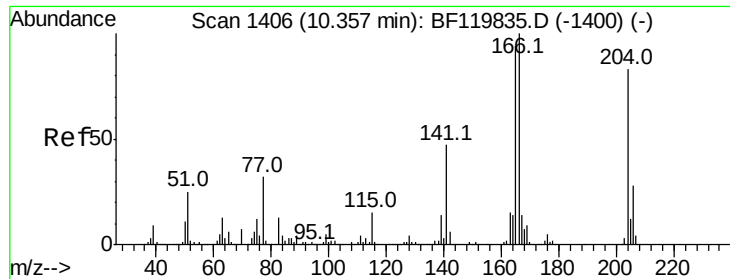
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.9	56.9
130	2.1	1.8	2.6
166	30.0	25.4	38.0



#60
 Diethylphthalate
 Concen: 49.381 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.8	25.2
150	12.6	9.8	14.6

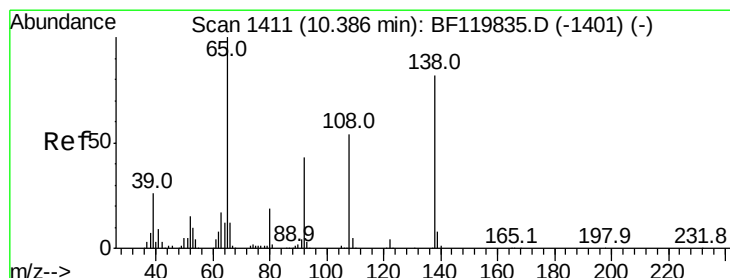
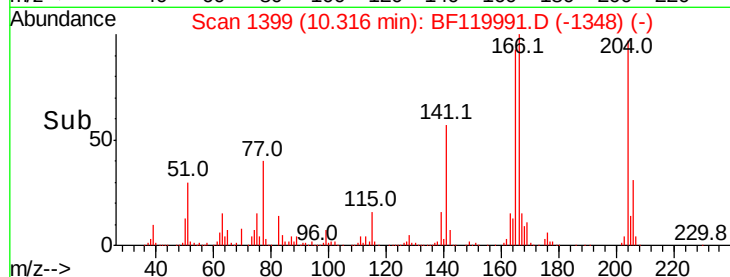
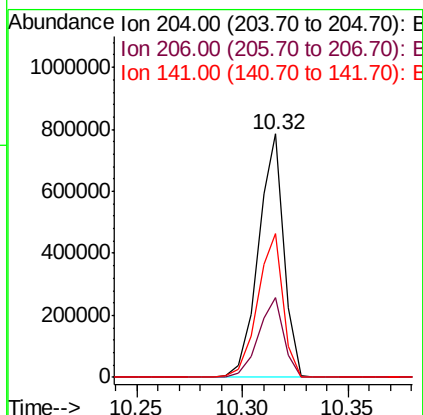
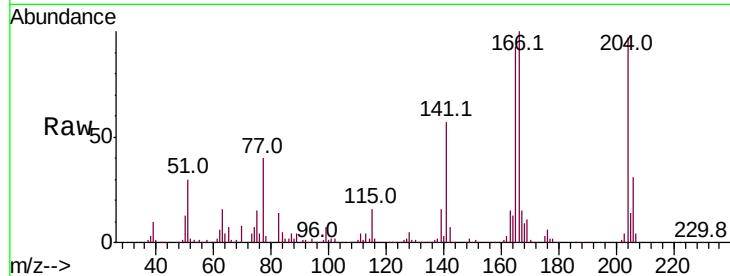




#61
4-Chlorophenyl-phenylether
Concen: 45.873 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

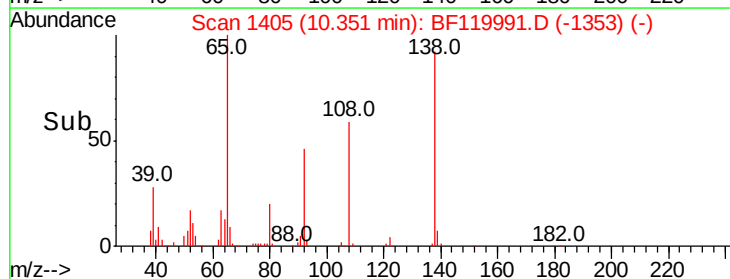
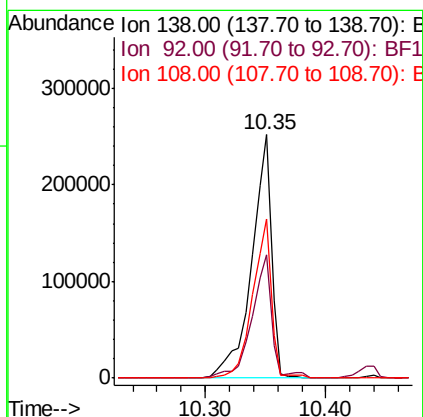
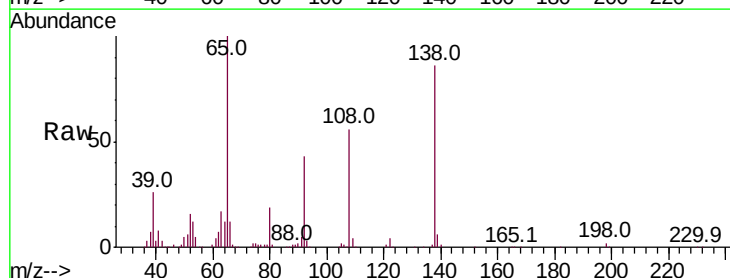
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

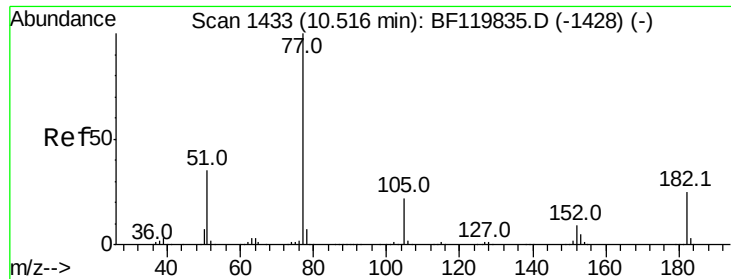
Tot Ion:204 Resp: 655152
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 59.3 45.8 68.8



#62
4-Nitroaniline
Concen: 41.104 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:138 Resp: 291690
Ion Ratio Lower Upper
138 100
92 50.7 31.6 71.6
108 65.6 45.2 85.2

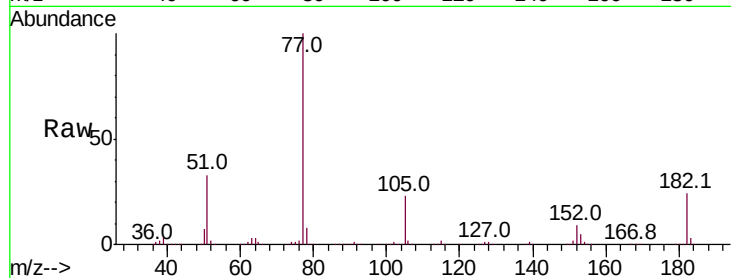




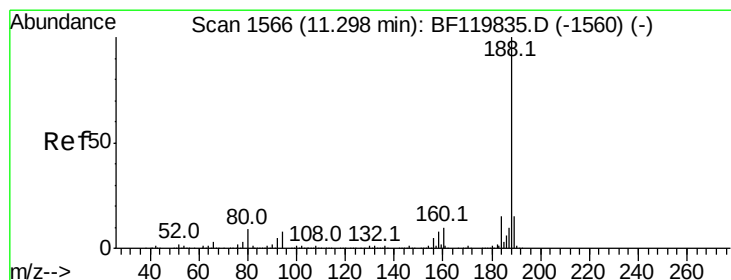
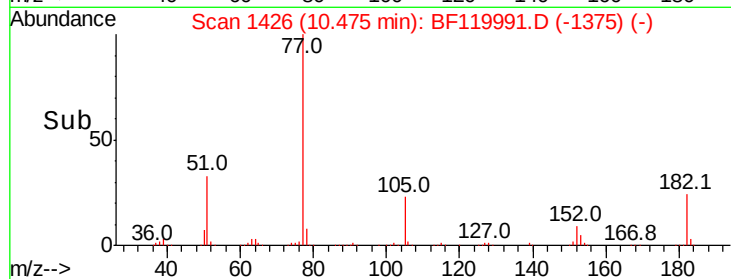
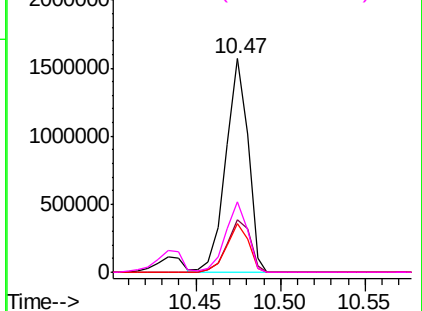
#63
Azobenzene
Concen: 51.920 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion: 77 Resp: 1435823
Ion Ratio Lower Upper
77 100
182 24.3 4.5 44.5
105 22.7 2.2 42.2
51 32.8 15.1 55.1

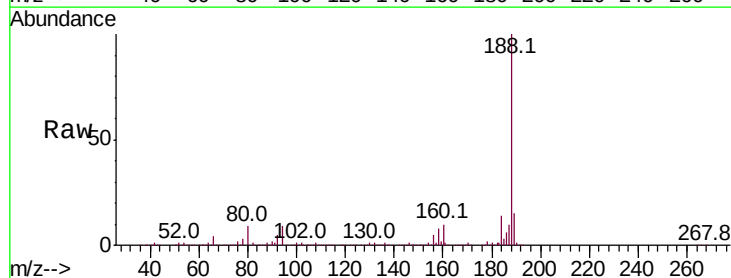


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

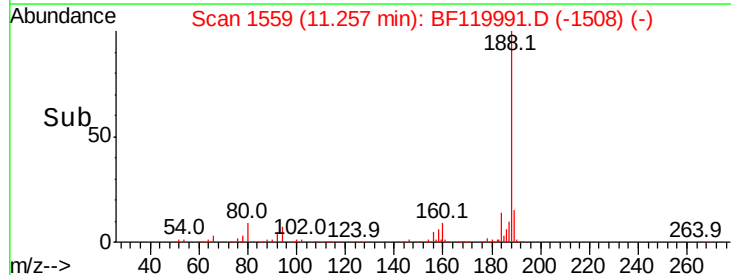
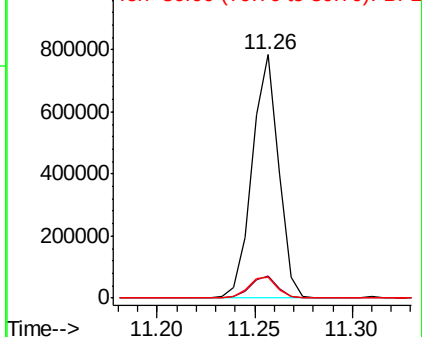


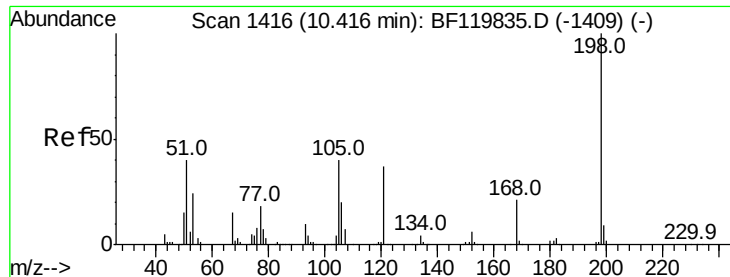
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion: 188 Resp: 738775
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 8.7 7.4 11.2



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

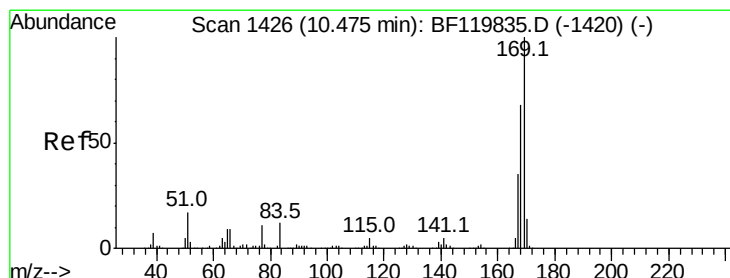
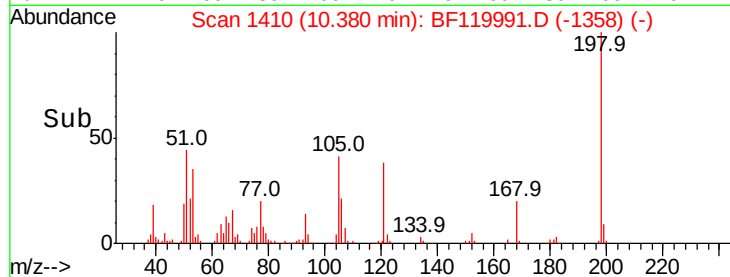
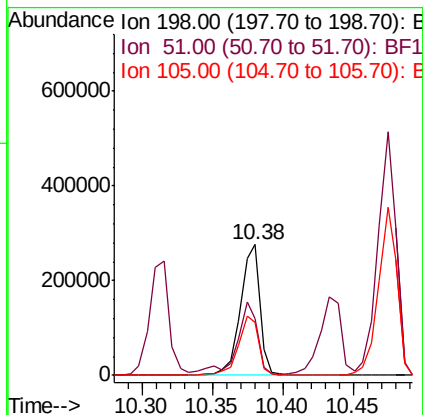
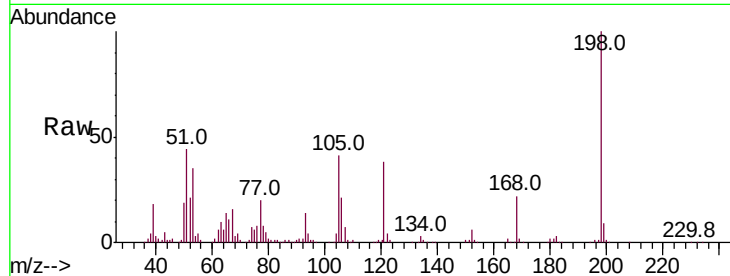




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.974 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

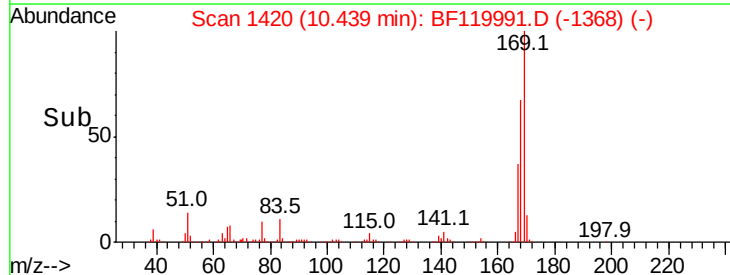
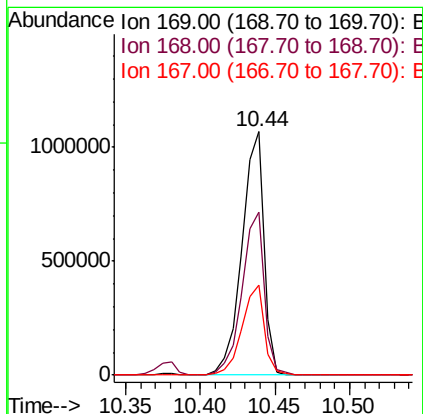
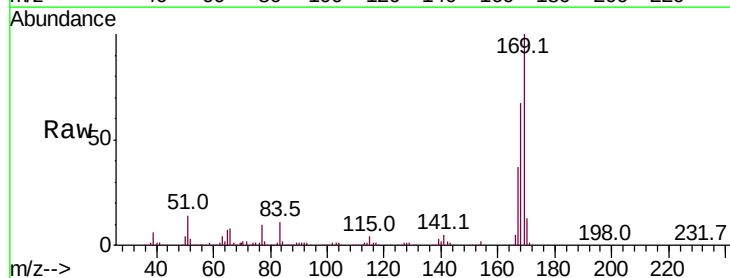
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

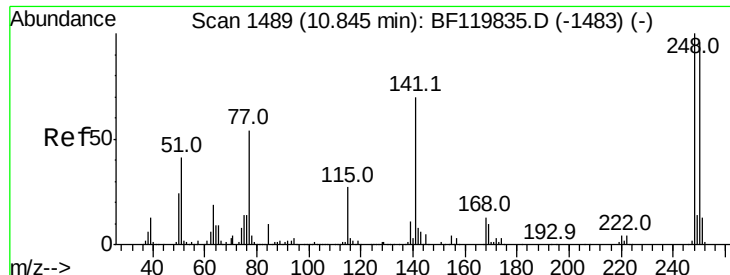
Tot Ion:198 Resp: 267566
 Ion Ratio Lower Upper
 198 100
 51 43.8 25.2 65.2
 105 40.5 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 44.453 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:169 Resp: 1092194
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.2 81.4
 167 36.8 28.3 42.5

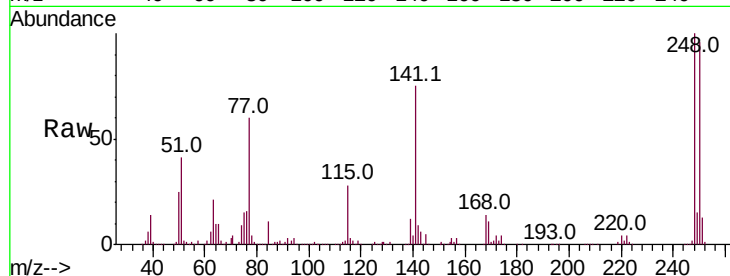




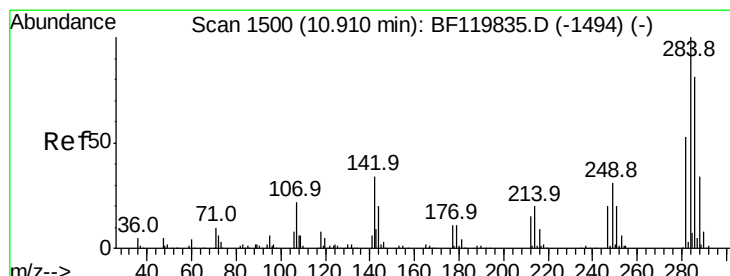
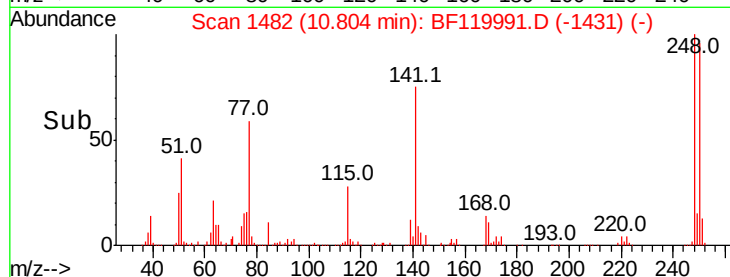
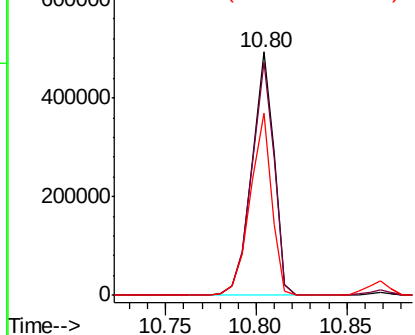
#67
4-Bromophenyl-phenylether
Concen: 45.741 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:248 Resp: 420244
Ion Ratio Lower Upper
248 100
250 95.8 76.6 114.8
141 74.8 55.9 83.9

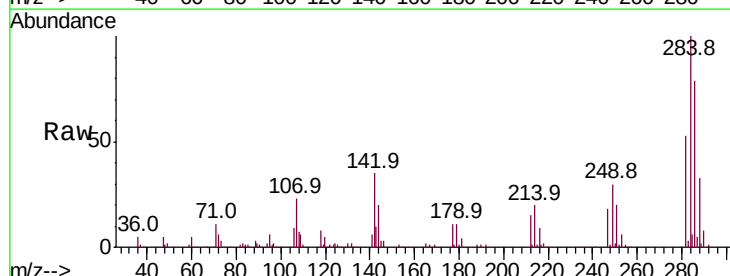


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

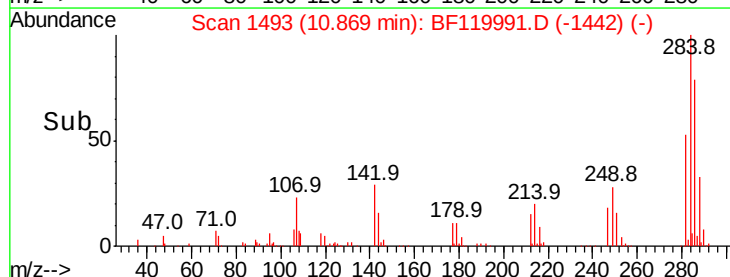
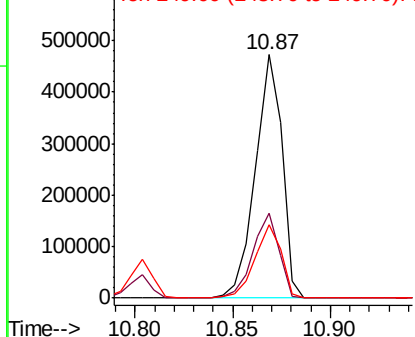


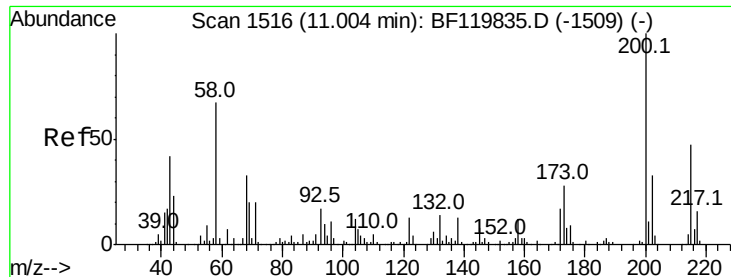
#68
Hexachlorobenzene
Concen: 48.232 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:284 Resp: 449539
Ion Ratio Lower Upper
284 100
142 34.6 26.9 40.3
249 30.3 24.6 37.0



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

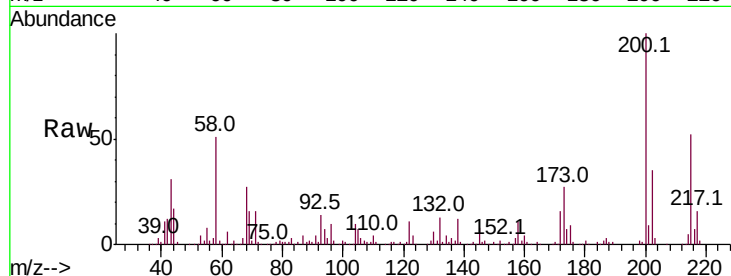




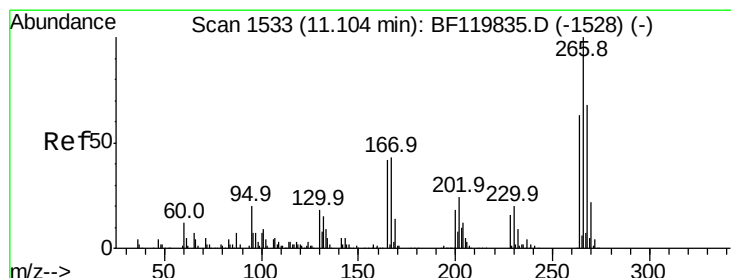
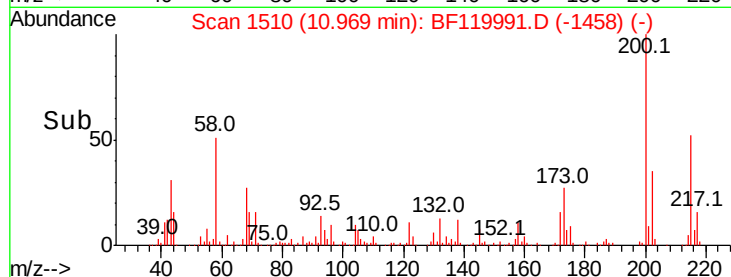
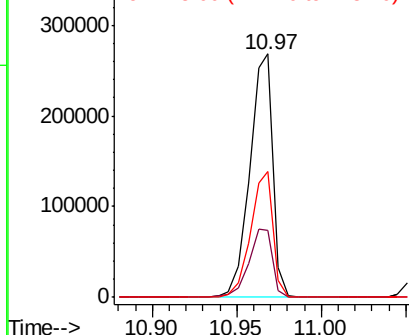
#69
Atrazine
Concen: 37.480 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Tot Ion:200 Resp: 256217
Ion Ratio Lower Upper
200 100
173 27.5 8.0 48.0
215 51.6 27.1 67.1

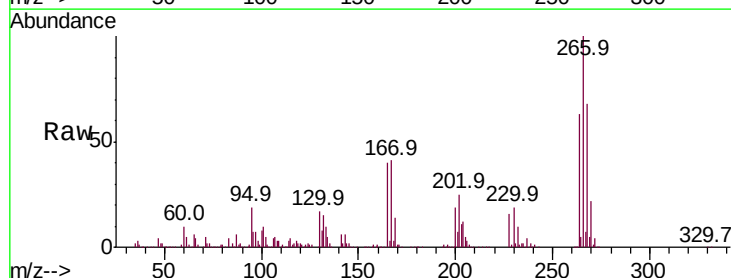


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

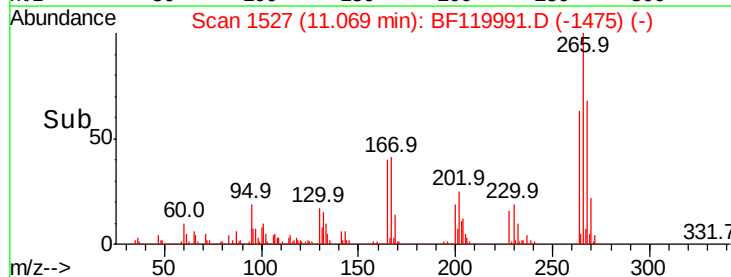
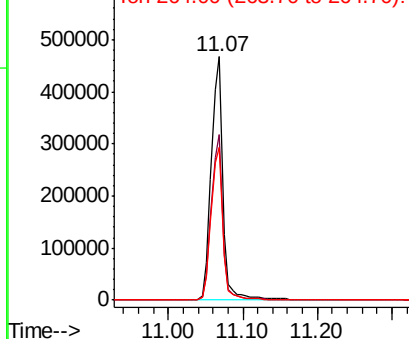


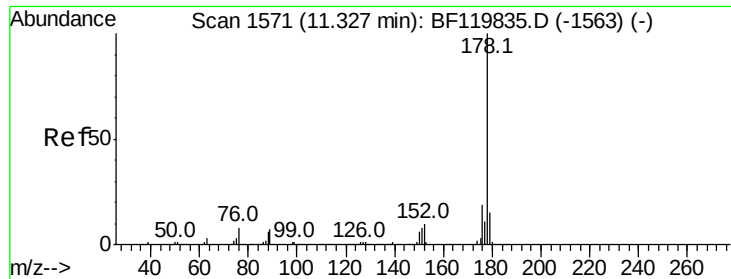
#70
Pentachlorophenol
Concen: 94.237 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:266 Resp: 506153
Ion Ratio Lower Upper
266 100
268 68.1 54.2 81.4
264 62.8 50.6 76.0



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





#71

Phenanthrene

Concen: 50.178 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

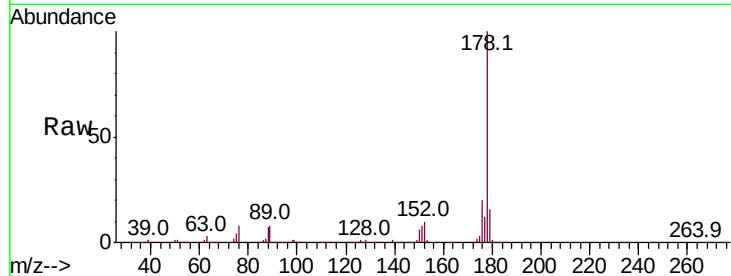
Tot Ion:178 Resp: 1972939

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

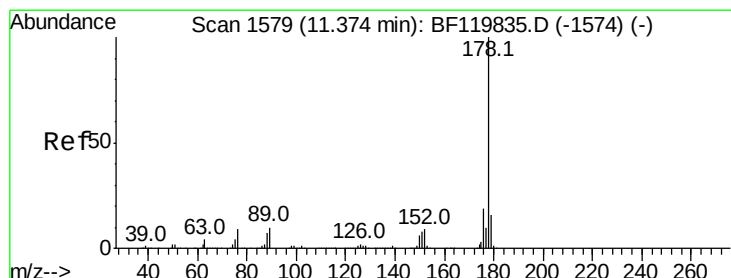
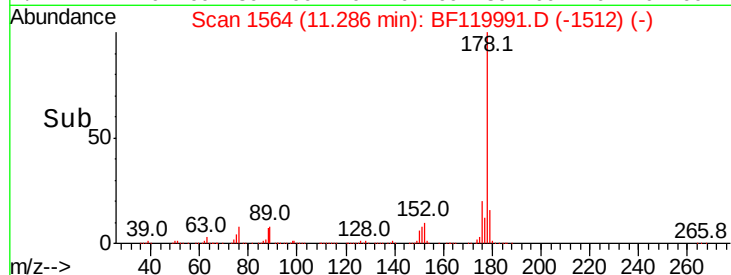
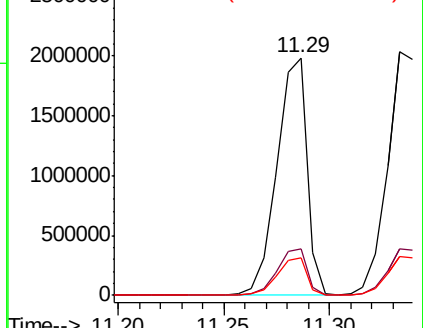
179 15.6 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.810 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

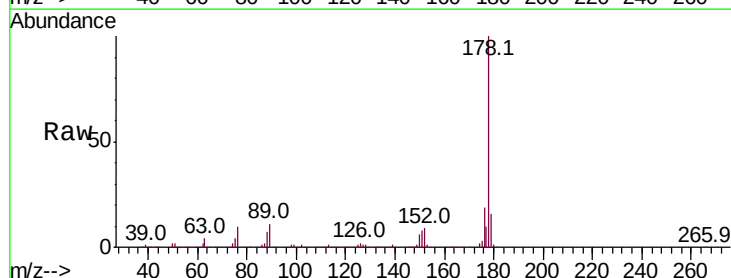
Tgt Ion:178 Resp: 2040854

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

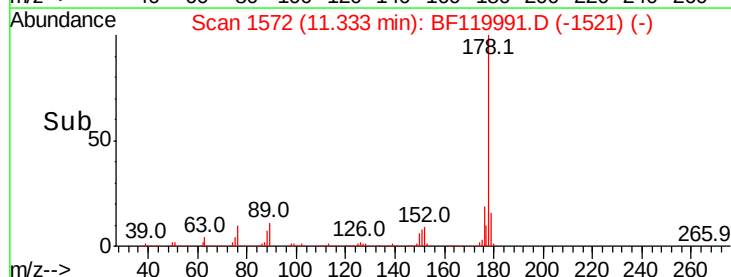
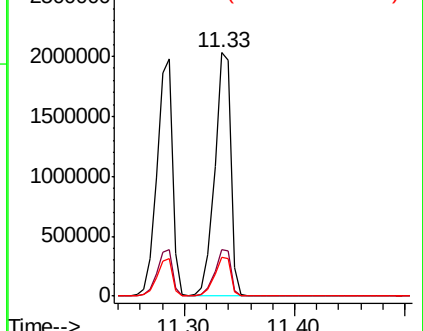
179 15.9 12.8 19.2

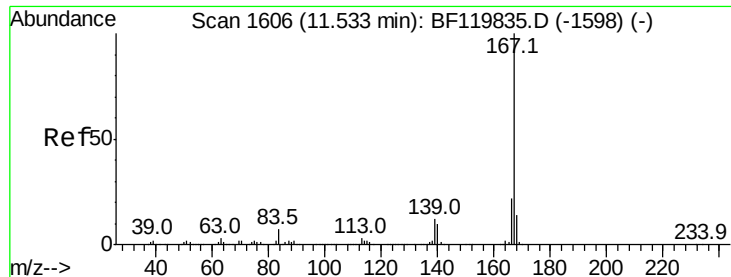


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

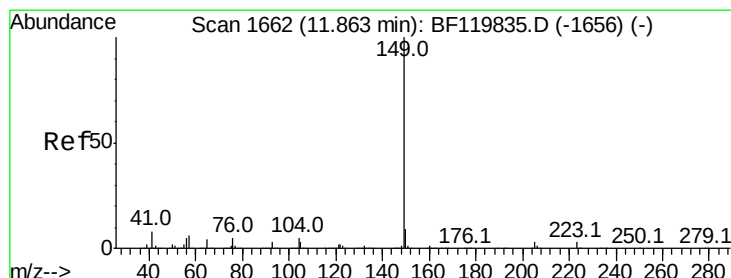
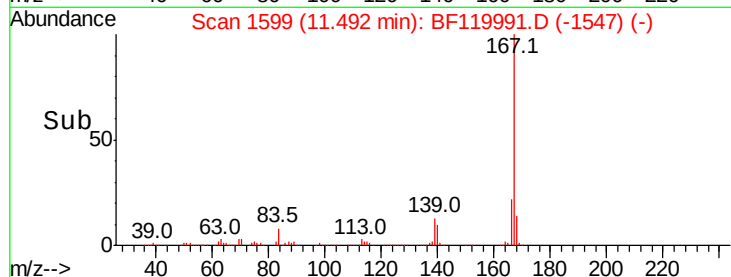
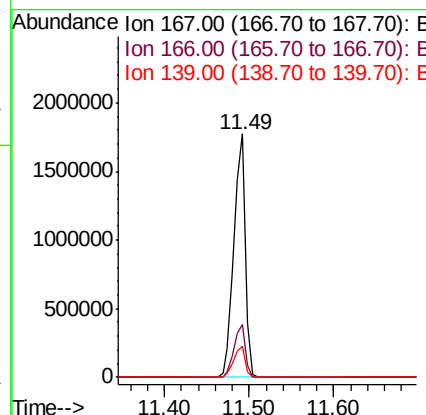
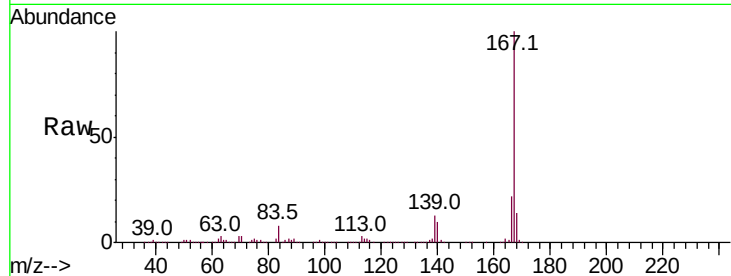




#73
 Carbazole
 Concen: 43.191 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

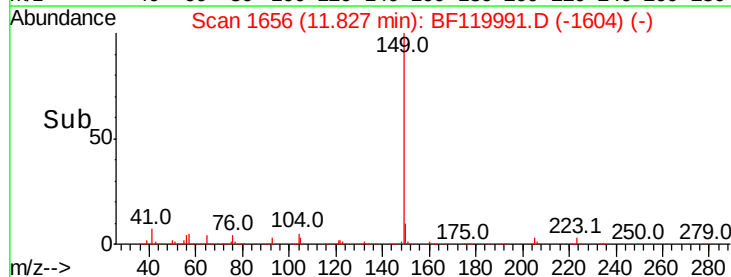
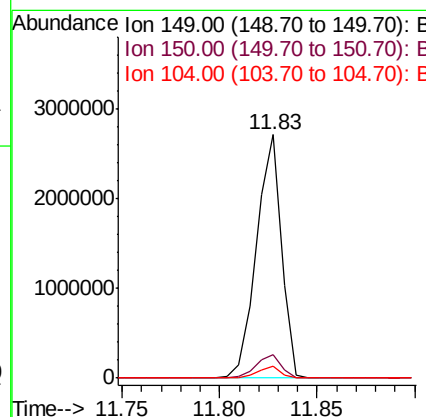
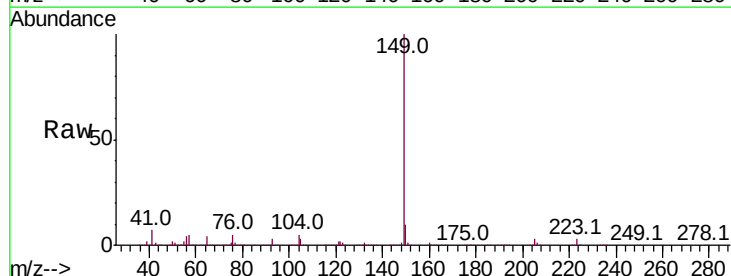
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

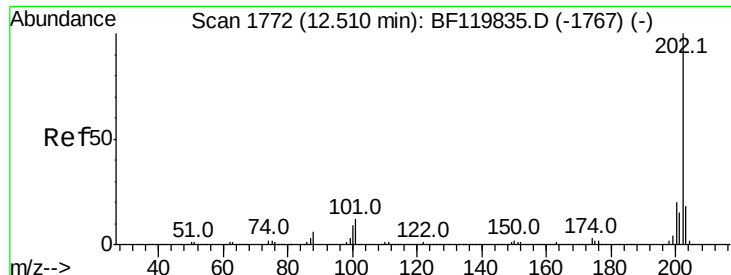
Tot Ion:167 Resp: 1640544
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.7 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 48.092 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

Tgt Ion:149 Resp: 2401405
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.7 3.8 5.6



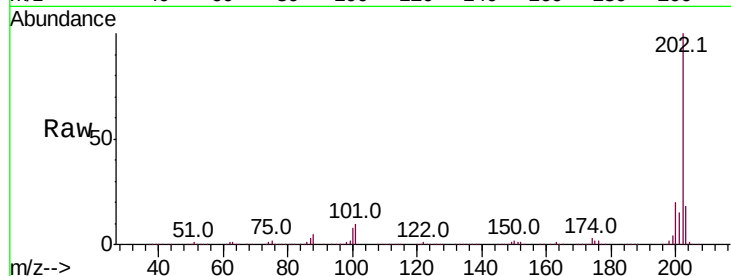


#75
 Fluoranthene
 Concen: 50.687 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. 0.01 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

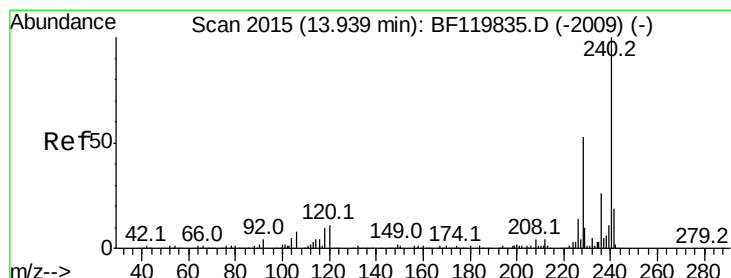
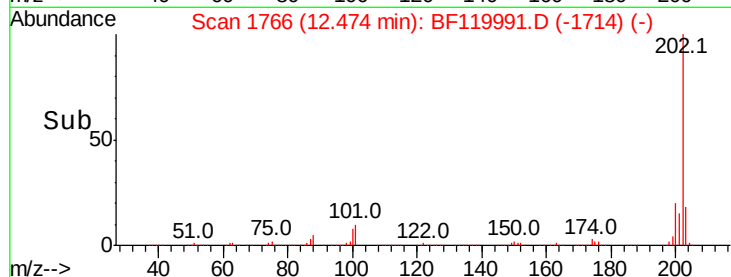
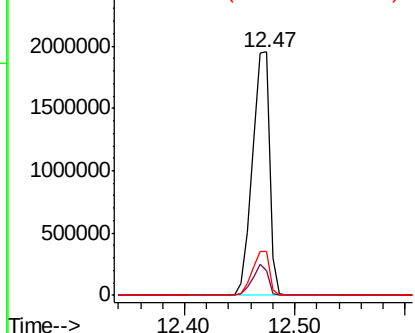
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020MS

Tot Ion:202 Resp: 2150348

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.3
203	18.1	0.0	37.6



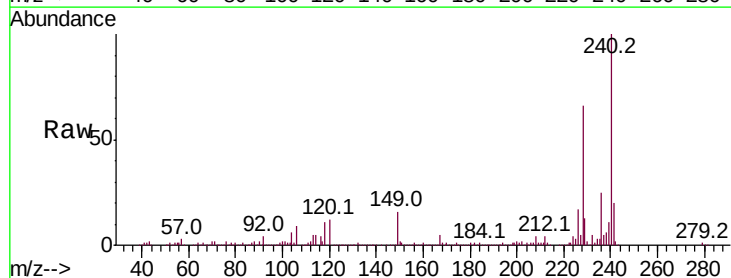
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



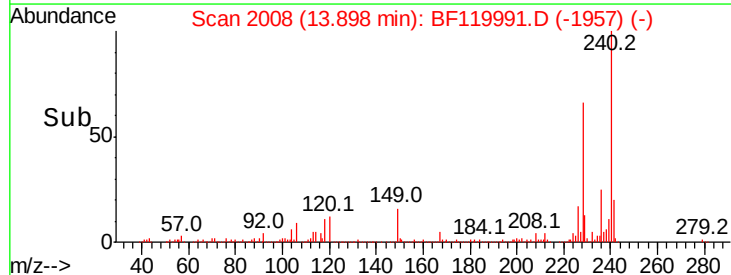
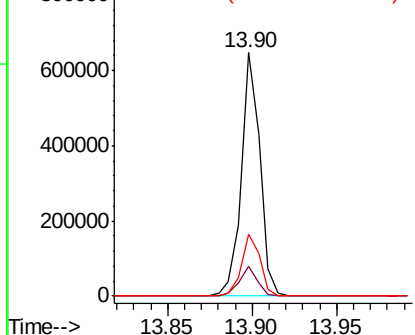
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF119991.D
 Acq: 15 Apr 2020 14:08

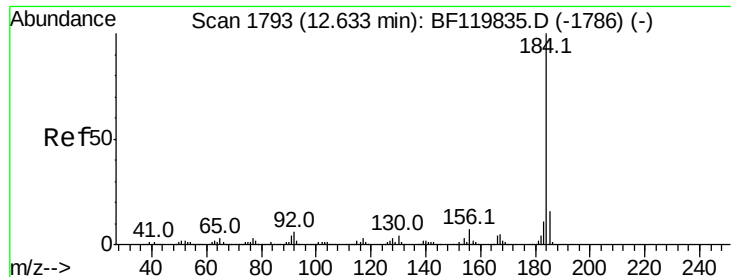
Tgt Ion:240 Resp: 493036

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.3	20.7	31.1



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: 2.003 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

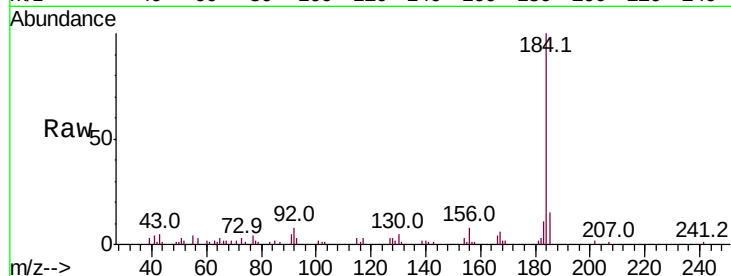
Tot Ion:184 Resp: 33382

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

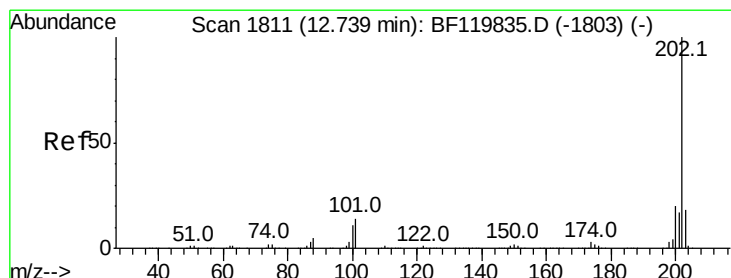
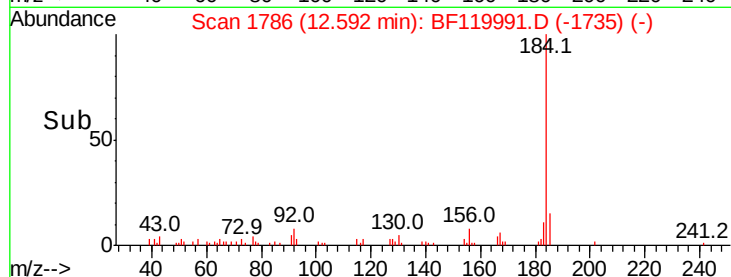
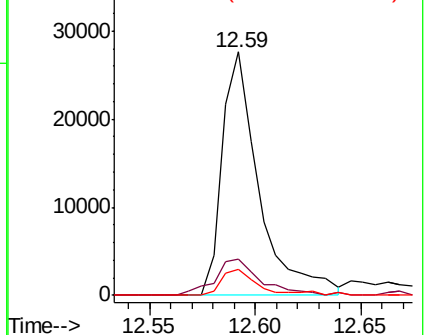
183 10.8 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.368 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

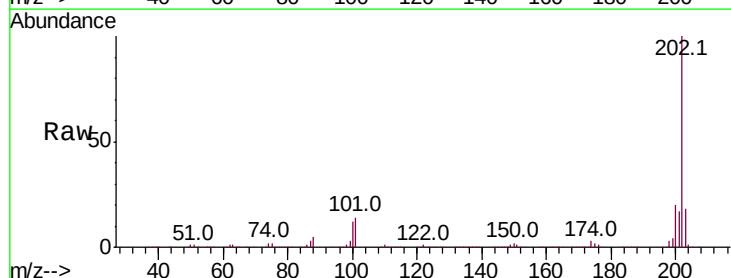
Tgt Ion:202 Resp: 2135053

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

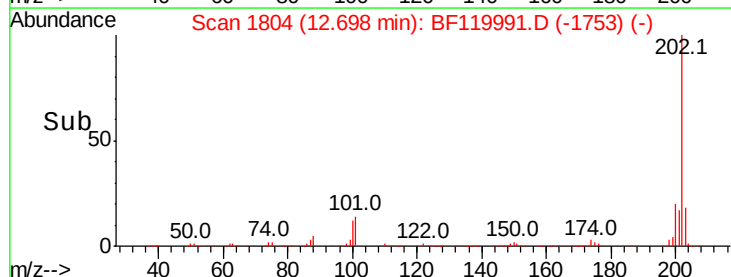
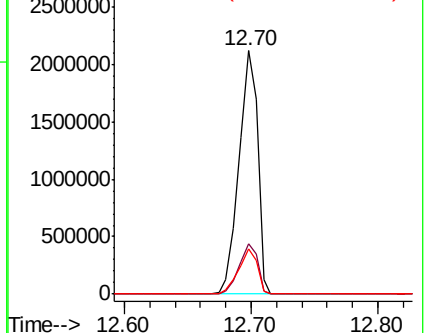
203 18.5 14.1 21.1

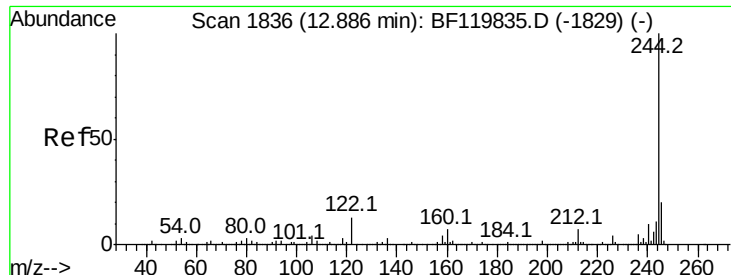


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.147 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

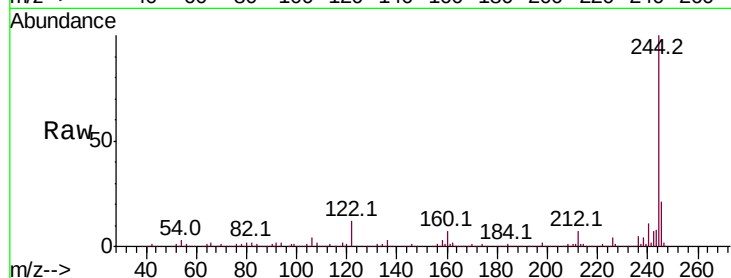
Tot Ion:244 Resp: 2729319

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

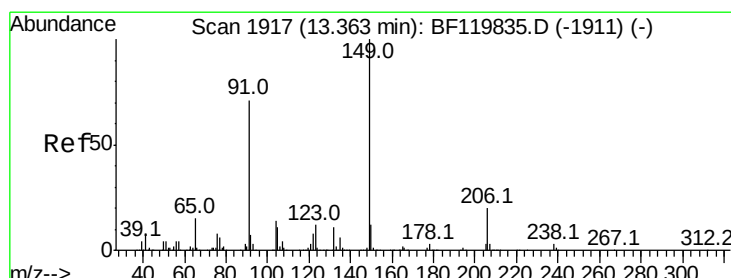
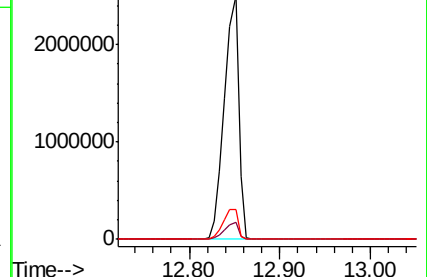
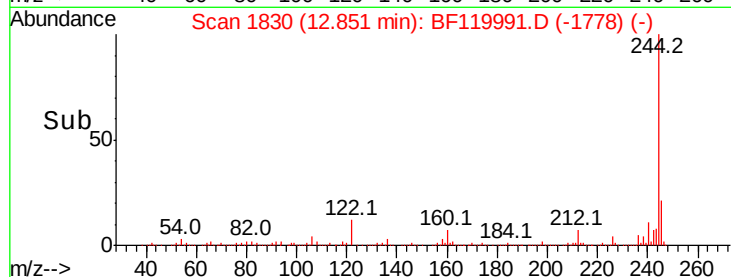
122 12.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.110 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

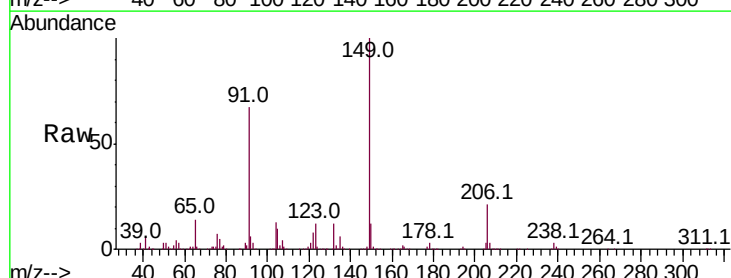
Tgt Ion:149 Resp: 1010637

Ion Ratio Lower Upper

149 100

91 66.6 56.7 85.1

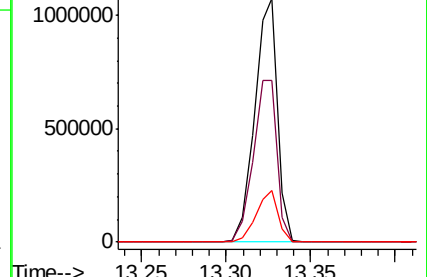
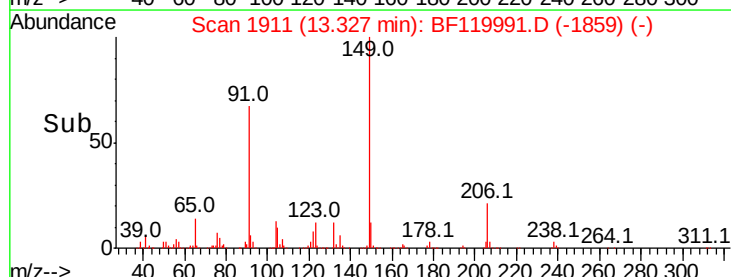
206 21.3 15.7 23.5

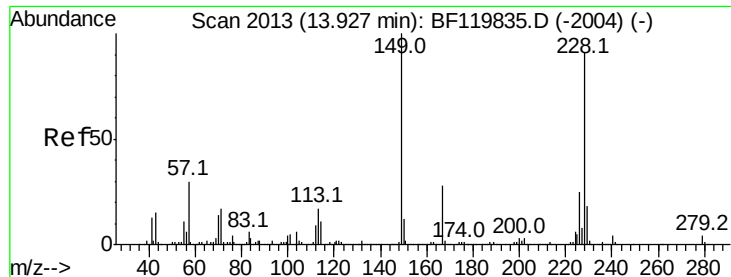


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.416 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

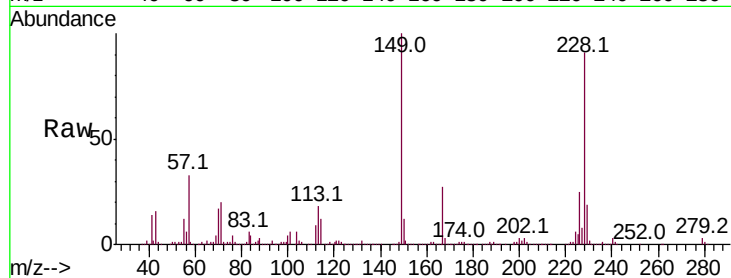
Tot Ion:228 Resp: 1602822

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

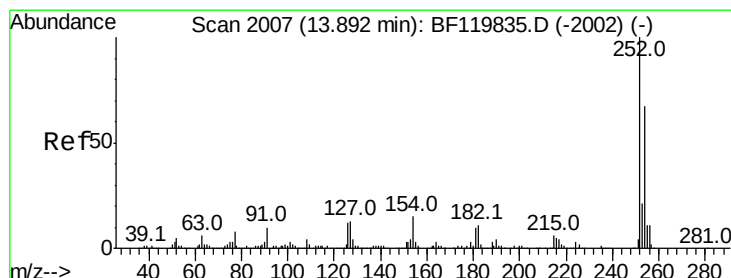
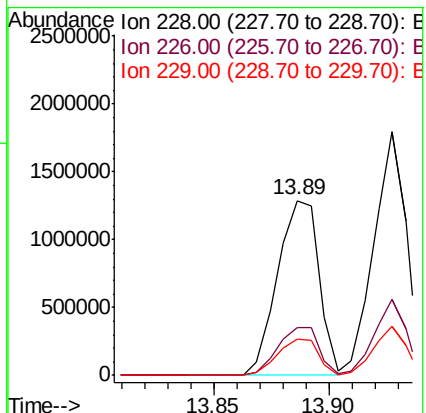
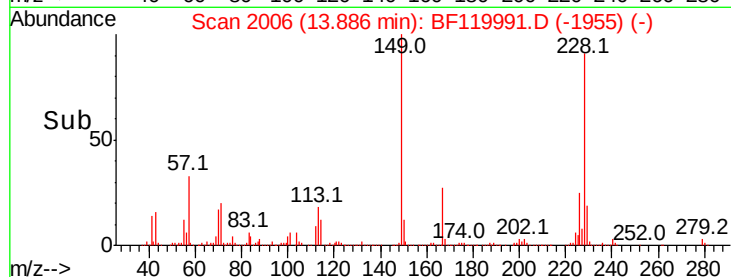
229 20.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.929 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

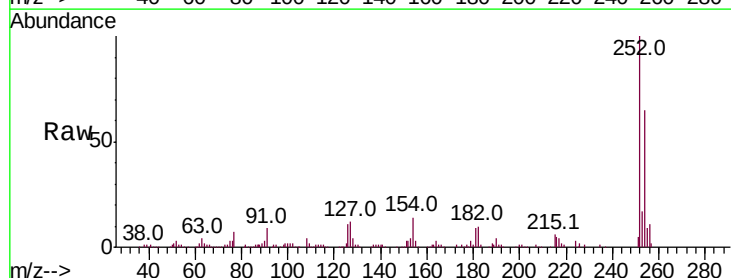
Tgt Ion:252 Resp: 108062

Ion Ratio Lower Upper

252 100

254 65.4 53.9 80.9

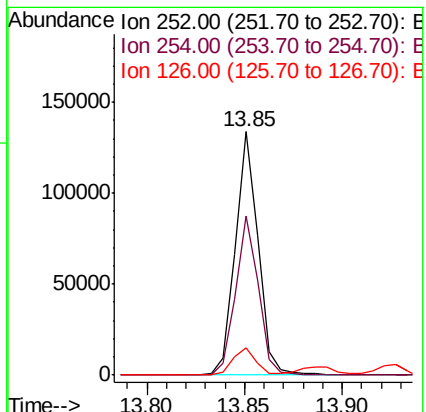
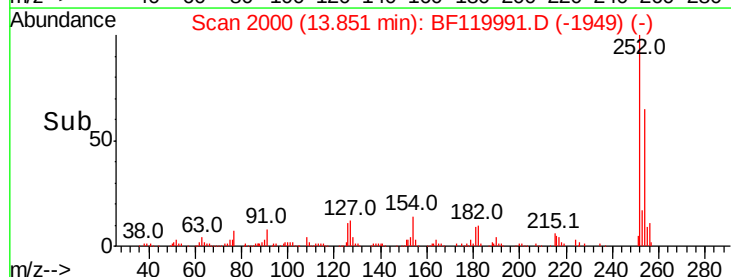
126 11.2 9.7 14.5

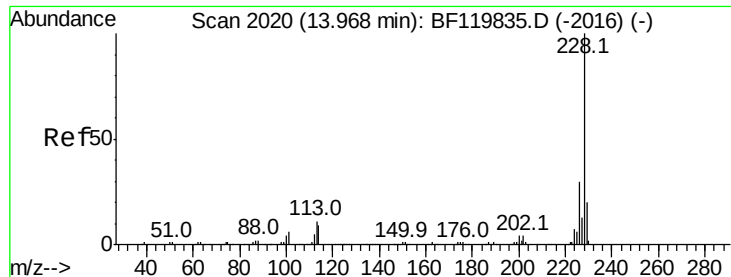


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 52.520 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

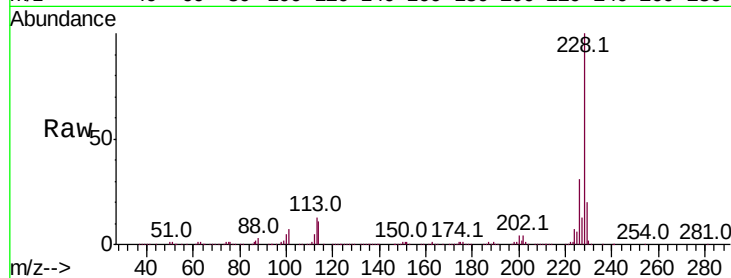
BNA_F

ClientSampleId :

CL-01-041020MS

Tot Ion:228 Resp: 1730892

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	20.3	15.9	23.9

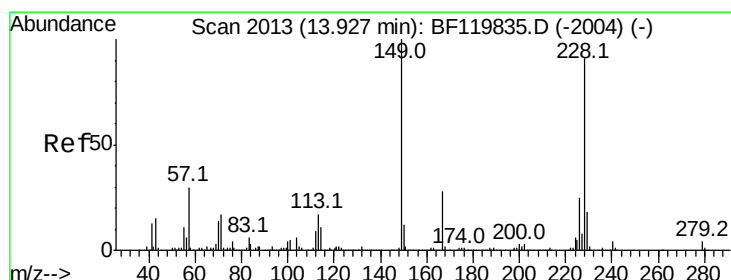
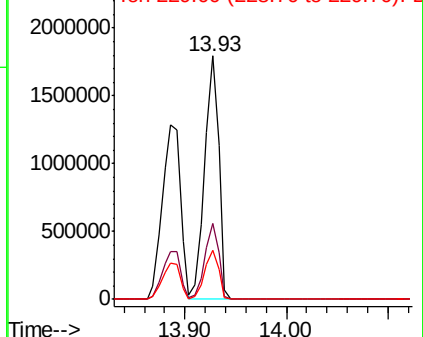
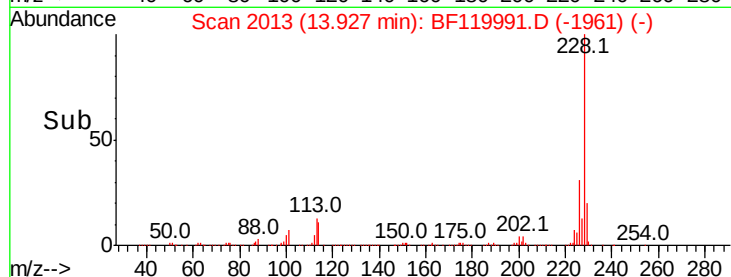


Abundance

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: 46.994 ng

RT: 13.89 min Scan# 2006

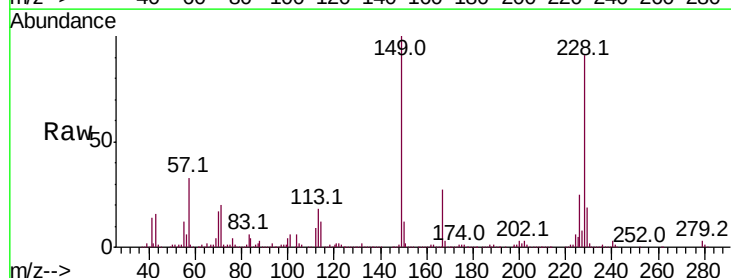
Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Tgt Ion:149 Resp: 1283493

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.3	3.4	5.0#

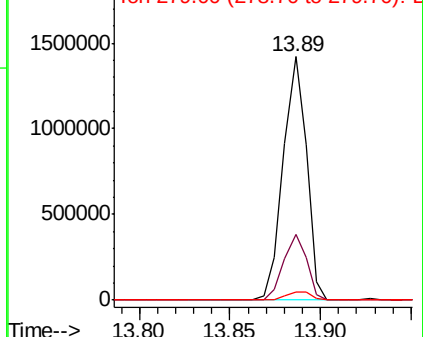
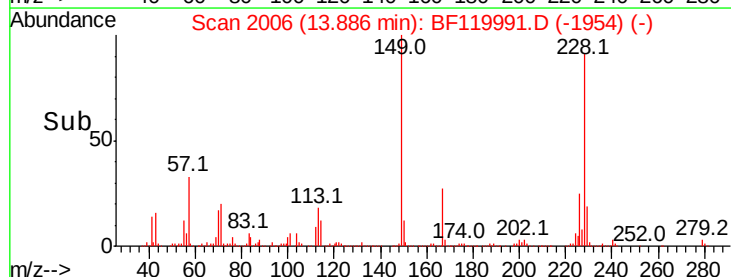


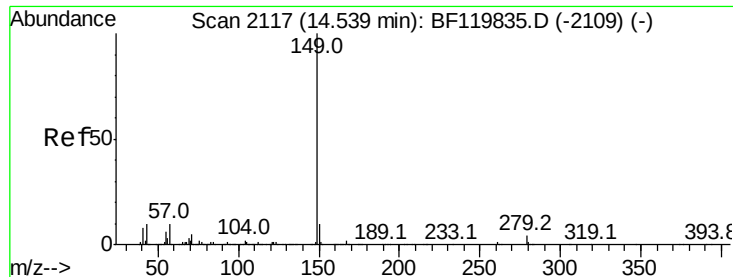
Abundance

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: 48.638 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

Instrument :

BNA_F

ClientSampleId :

CL-01-041020MS

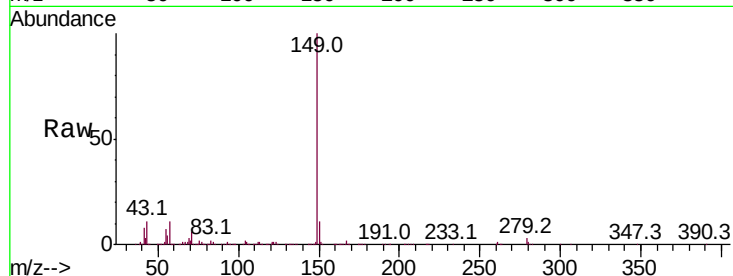
Tot Ion:149 Resp: 2261826

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

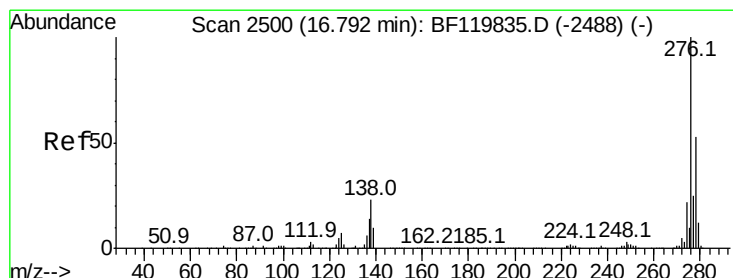
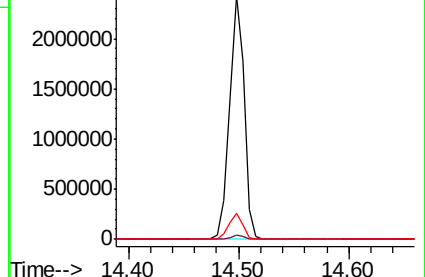
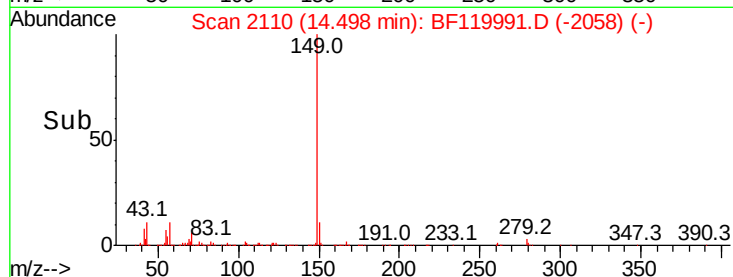
43 10.5 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.919 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF119991.D

Acq: 15 Apr 2020 14:08

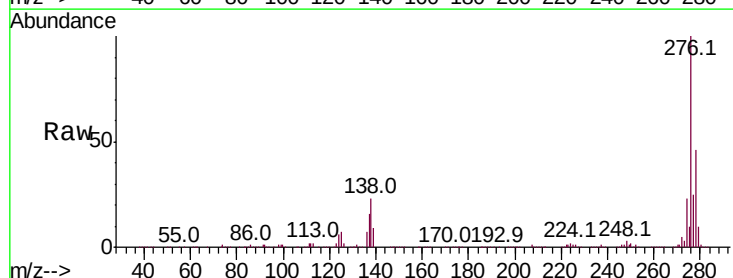
Tgt Ion:276 Resp: 1363059

Ion Ratio Lower Upper

276 100

138 25.4 18.0 27.0

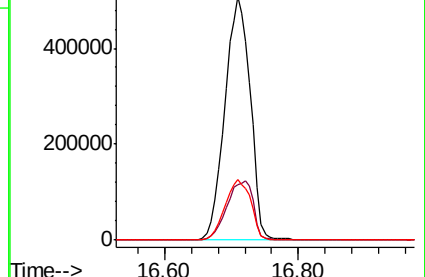
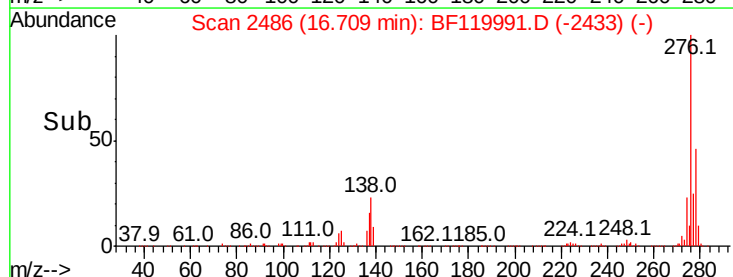
277 25.3 20.1 30.1

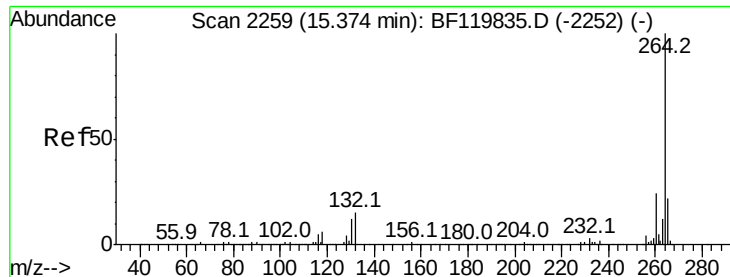


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

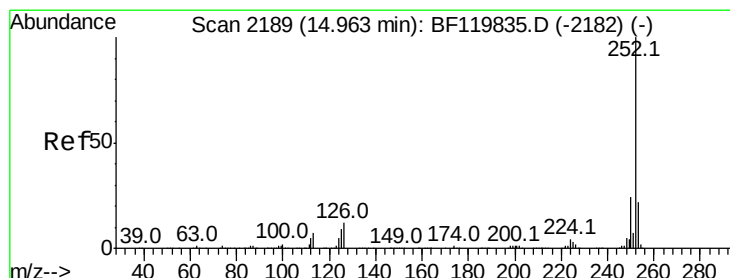
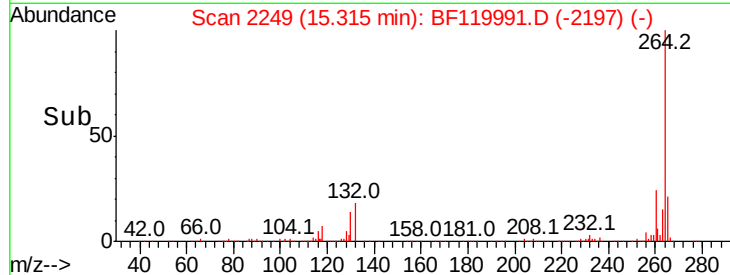
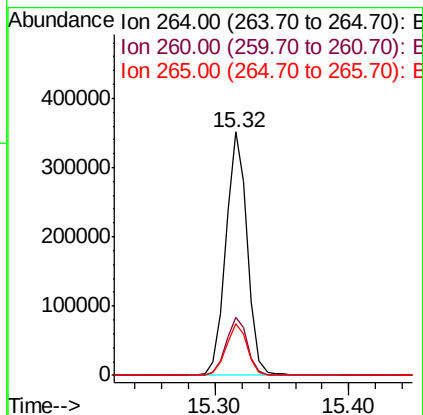
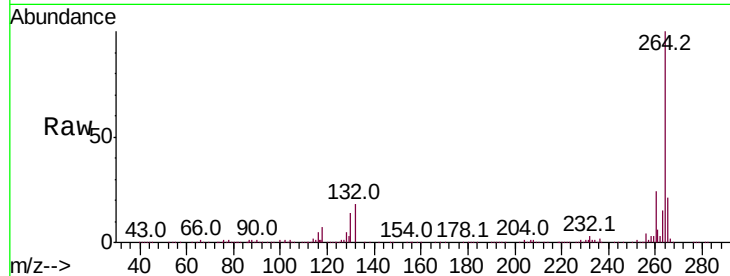




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

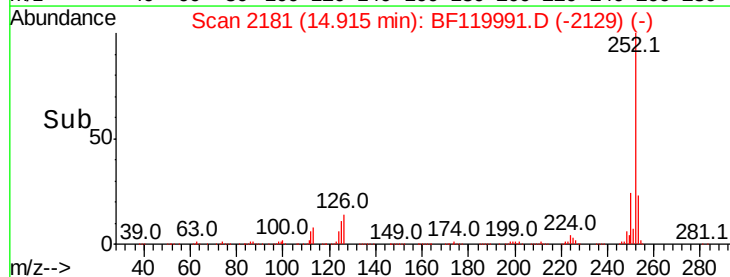
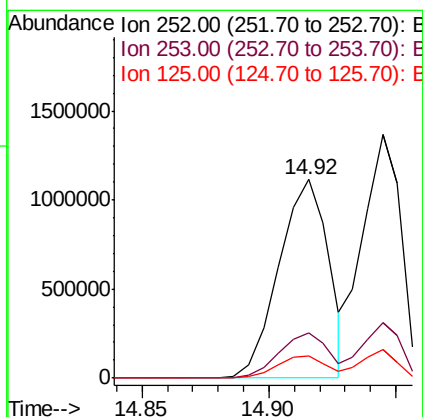
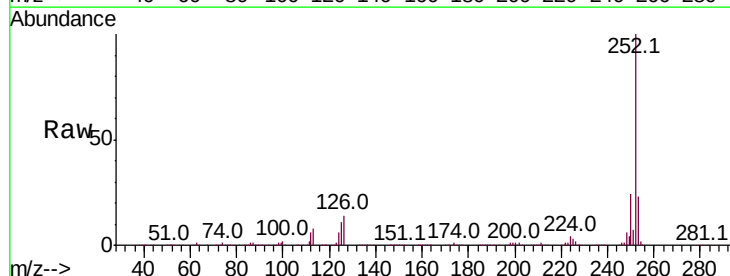
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

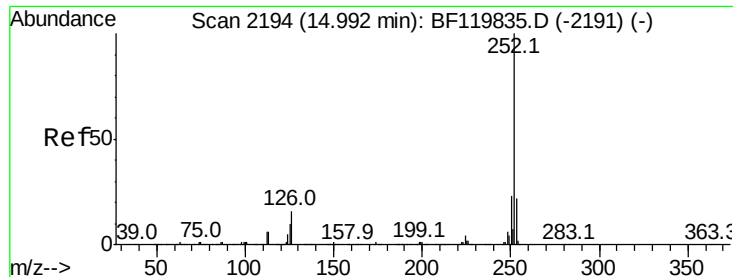
Tot Ion:264 Resp: 395056
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 53.335 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:252 Resp: 1515736
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.0 7.4 11.2

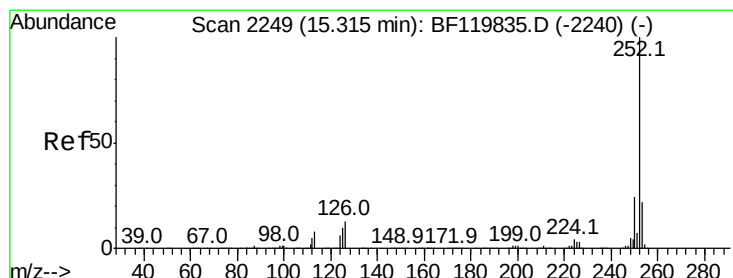
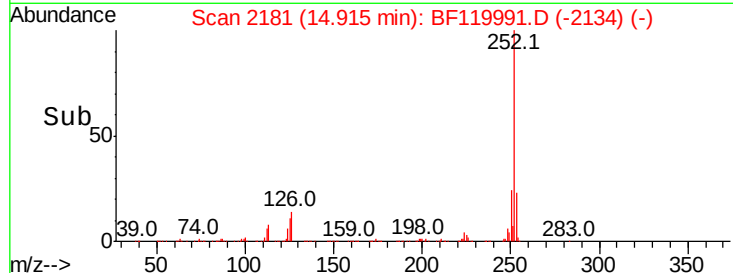
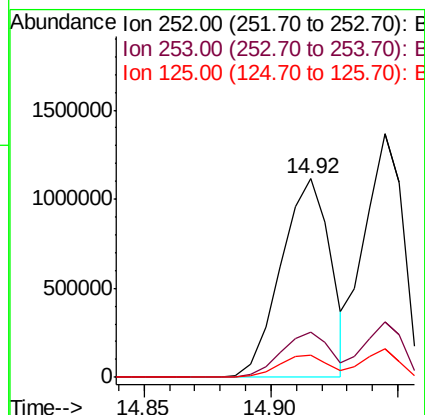
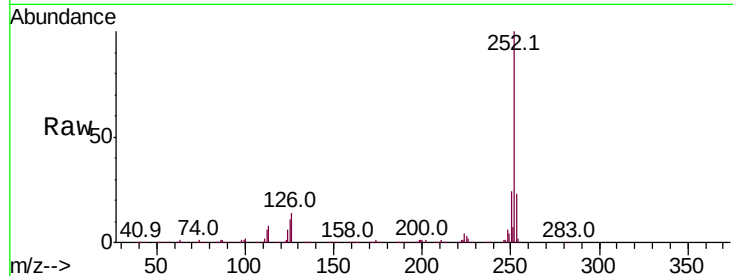




#89
Benzo(k)fluoranthene
Concen: 61.814 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

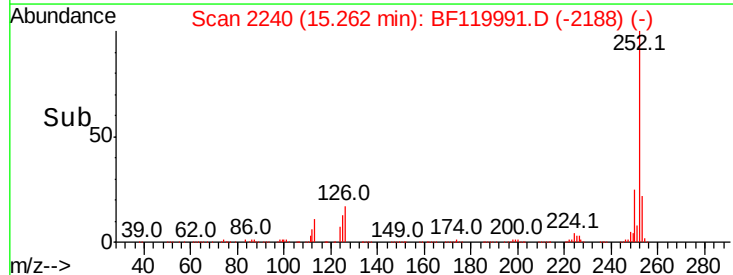
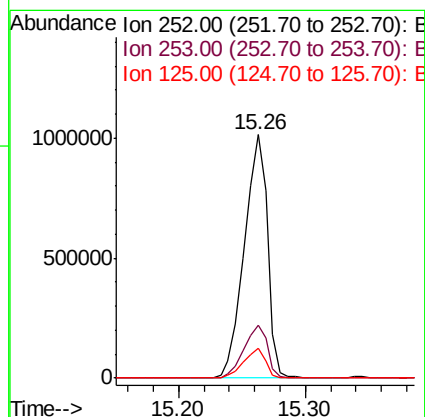
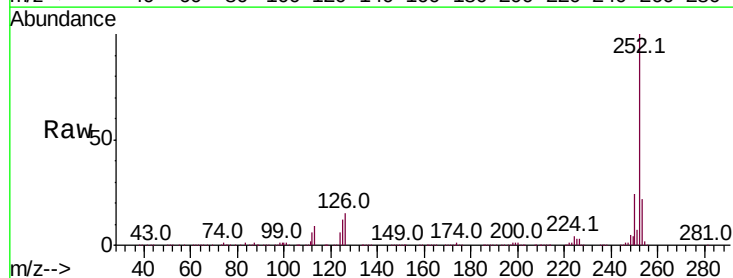
Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

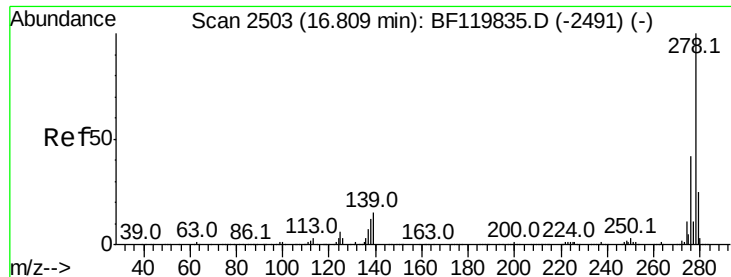
Tot Ion:252 Resp: 1515736
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 53.938 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:252 Resp: 1288837
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 12.1 8.3 12.5

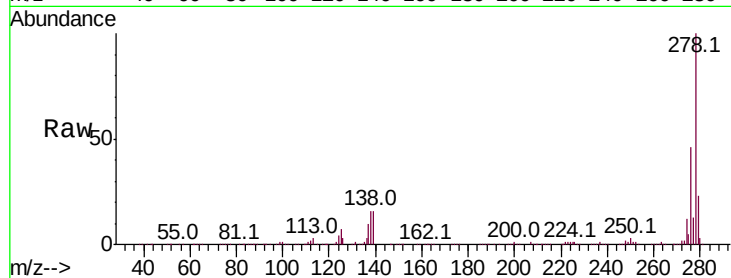




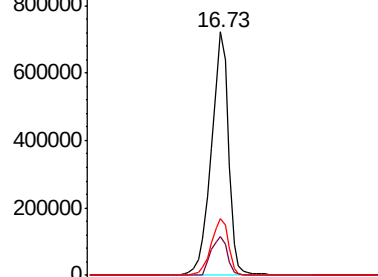
#91
Dibenzo(a,h)anthracene
Concen: 53.979 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

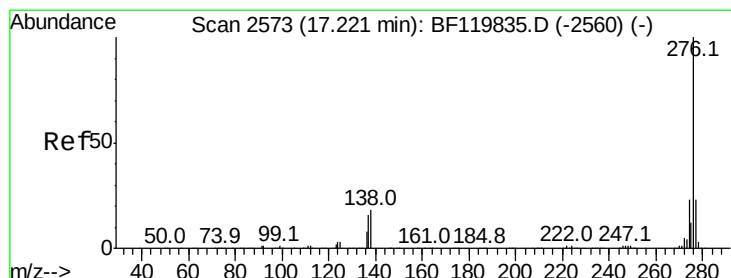
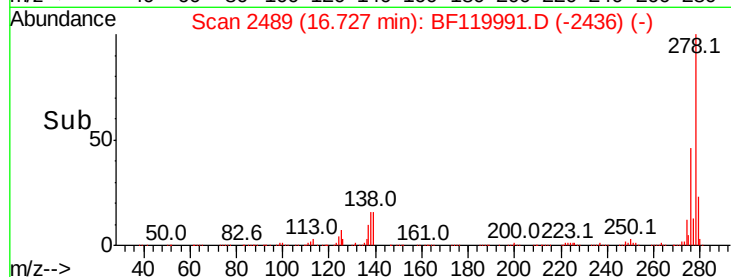
Tot Ion:278 Resp: 1142508
Ion Ratio Lower Upper
278 100
139 16.1 11.6 17.4
279 23.3 19.7 29.5



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

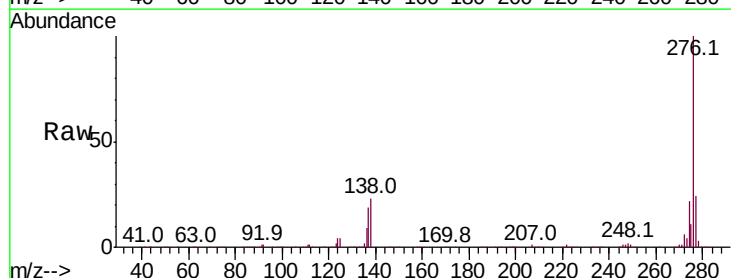


Time-->

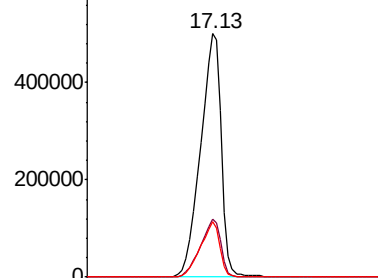


#92
Benzo(g,h,i)perylene
Concen: 52.631 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF119991.D
Acq: 15 Apr 2020 14:08

Tgt Ion:276 Resp: 1099610
Ion Ratio Lower Upper
276 100
277 24.1 18.5 27.7
138 22.8 14.6 22.0#



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



Time-->

