

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119846.D
 Acq On : 9 Apr 2020 1:38
 Operator : MA/SJ
 Sample : PB128073BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 03:22:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149664	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	574202	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	333041	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	605270	20.00	ng	0.00
76) Chrysene-d12	13.94	240	473722	20.00	ng	0.00
87) Perylene-d12	15.37	264	430585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1163689	134.37	ng	0.01
7) Phenol-d6	6.40	99	1388690	124.44	ng	0.00
23) Nitrobenzene-d5	7.33	82	878368	79.14	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	442033	108.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1713951	73.07	ng	0.00
79) Terphenyl-d14	12.89	244	2101633	74.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	152821	39.619	ng	99
3) Pyridine	3.25	79	435935	41.192	ng	97
4) n-Nitrosodimethylamine	3.20	42	250222	46.276	ng	95
6) Aniline	6.43	93	468123	31.962	ng	99
8) 2-Chlorophenol	6.55	128	433029	44.752	ng	97
9) Benzaldehyde	6.31	77	170190	23.520	ng	96
10) Phenol	6.42	94	551984	43.601	ng	96
11) bis(2-Chloroethyl)ether	6.50	93	423498	43.325	ng	98
12) 1,3-Dichlorobenzene	6.70	146	438590	41.402	ng	98
13) 1,4-Dichlorobenzene	6.79	146	471275	43.672	ng	98
14) 1,2-Dichlorobenzene	6.94	146	419493	42.181	ng	96
15) Benzyl Alcohol	6.91	79	322330	37.189	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	780937	41.056	ng	100
17) 2-Methylphenol	7.03	107	383129	44.368	ng	99
18) Hexachloroethane	7.28	117	169916	42.132	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	299004	41.668	ng	99
20) 3+4-Methylphenols	7.18	107	440025	41.664	ng	95
22) Acetophenone	7.18	105	573458	42.649	ng	96
24) Nitrobenzene	7.35	77	496417	44.460	ng	98
25) Isophorone	7.59	82	856800	40.045	ng	98
26) 2-Nitrophenol	7.67	139	258608	46.360	ng	94
27) 2,4-Dimethylphenol	7.71	122	401879	47.769	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	538986	42.810	ng	100
29) 2,4-Dichlorophenol	7.91	162	370274	42.938	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	383830	39.282	ng	99
31) Naphthalene	8.07	128	1217934	40.315	ng	99
32) Benzoic acid	7.84	122	305197	41.306	ng	98
33) 4-Chloroaniline	8.12	127	278629	21.186	ng	97
34) Hexachlorobutadiene	8.19	225	220664	37.726	ng	97
35) Caprolactam	8.49	113	60880	23.079	ng	# 82
36) 4-Chloro-3-methylphenol	8.61	107	436920	46.797	ng	98
37) 2-Methylnaphthalene	8.77	142	830867	40.566	ng	99
38) 1-Methylnaphthalene	8.87	142	831052	43.049	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	378021	35.937	ng	99

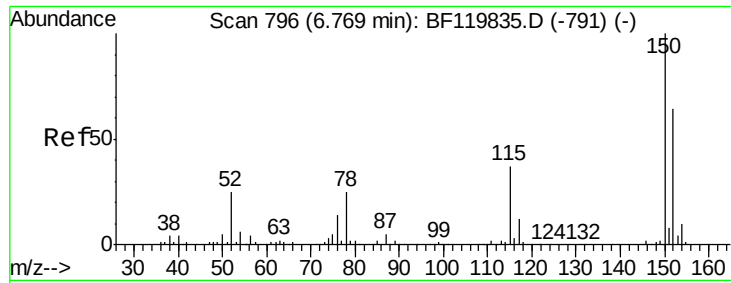
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	476408	79.648	nq	100
43) 2,4,6-Trichlorophenol	9.05	196	267385	36.811	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	300942	36.785	nq	98
46) 1,1'-Biphenyl	9.23	154	1058770	37.665	nq	99
47) 2-Chloronaphthalene	9.26	162	814057	37.592	nq	97
48) 2-Nitroaniline	9.35	65	290028	36.958	nq	96
49) Acenaphthylene	9.67	152	1409216	42.790	nq	99
50) Dimethylphthalate	9.54	163	1048344	40.696	nq	99
51) 2,6-Dinitrotoluene	9.60	165	233528	41.398	nq	91
52) Acenaphthene	9.85	154	860382	39.164	nq	100
53) 3-Nitroaniline	9.76	138	163318	25.350	nq	96
54) 2,4-Dinitrophenol	9.87	184	297462	88.077	nq	91
55) Dibenzofuran	10.02	168	1281818	42.520	nq	97
56) 4-Nitrophenol	9.93	139	404165	84.313	nq	97
57) 2,4-Dinitrotoluene	10.00	165	314535	42.321	nq	96
58) Fluorene	10.36	166	909834	37.738	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.13	232	271920	43.458	nq	99
60) Diethylphthalate	10.24	149	1002224	37.538	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	440326	35.634	nq	95
62) 4-Nitroaniline	10.38	138	234771	38.237	nq	98
63) Azobenzene	10.52	77	959327	40.094	nq	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	167523	42.011	nq	77
66) n-Nitrosodiphenylamine	10.47	169	827089	41.088	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	283914	37.719	nq	95
68) Hexachlorobenzene	10.91	284	305437	40.000	nq	97
69) Atrazine	11.00	200	253221	45.213	nq	98
70) Pentachlorophenol	11.10	266	358271	81.417	nq	99
71) Phenanthrene	11.32	178	1309080	40.638	nq	100
72) Anthracene	11.37	178	1385784	42.111	nq	99
73) Carbazole	11.53	167	1267893	40.742	nq	99
74) Di-n-butylphthalate	11.86	149	1602613	39.174	nq	100
75) Fluoranthene	12.51	202	1481614	42.627	nq	98
77) Benzidine	12.63	184	629141	39.289	nq	97
78) Pyrene	12.74	202	1527050	38.238	nq	99
80) Butylbenzylphthalate	13.36	149	700772	36.163	nq	100
81) Benzo(a)anthracene	13.93	228	1252170	40.179	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	344776	29.650	nq	96
83) Chrysene	13.97	228	1248546	39.429	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	981170	37.389	nq	99
85) Di-n-octyl phthalate	14.54	149	1632157	36.529	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1077137	38.589	nq	99
88) Benzo(b)fluoranthene	14.96	252	1221337	39.429	nq	99
89) Benzo(k)fluoranthene	14.99	252	1212874	45.382	nq	99
90) Benzo(a)pyrene	15.32	252	1053086	40.435	nq	99
91) Dibenzo(a,h)anthracene	16.81	278	911794	39.524	nq	98
92) Benzo(g,h,i)perylene	17.22	276	828652	36.389	nq	97

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

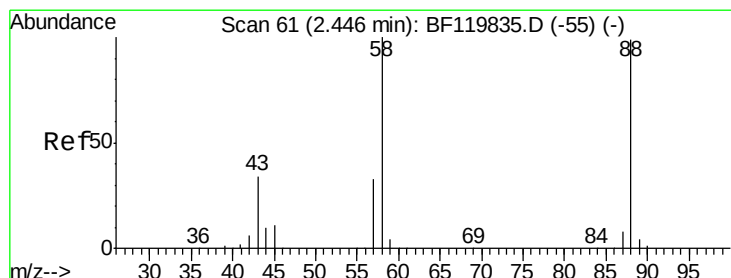
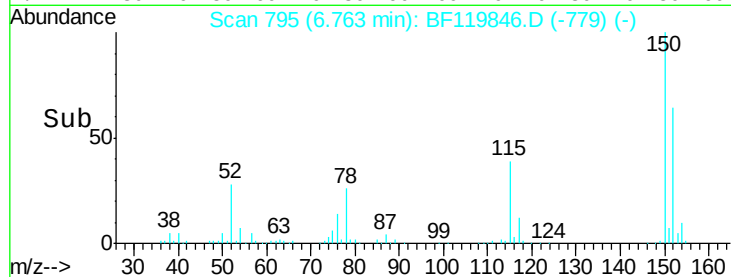
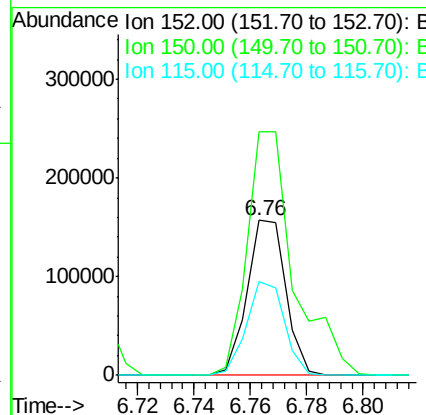
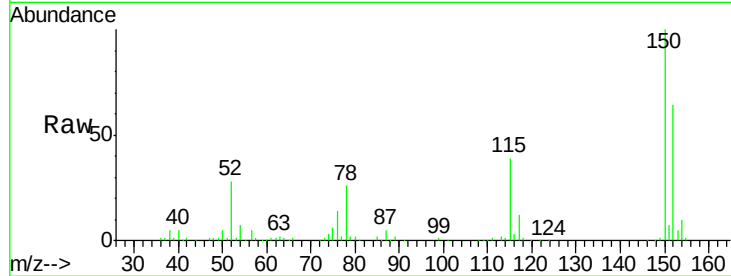


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

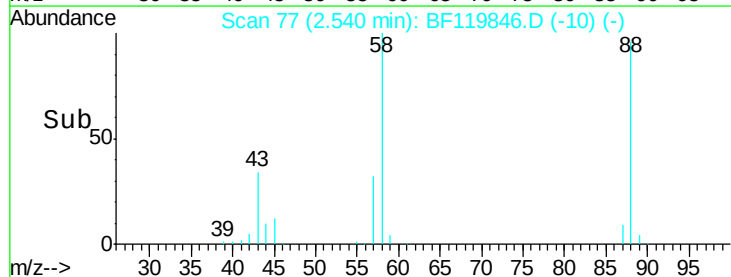
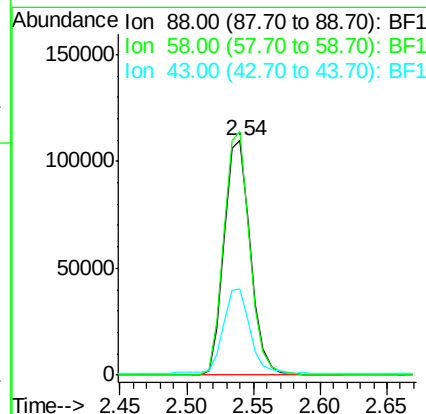
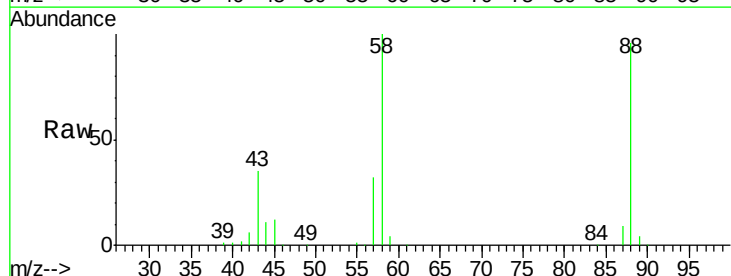
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.8	187.2
115	60.8	46.5	69.7

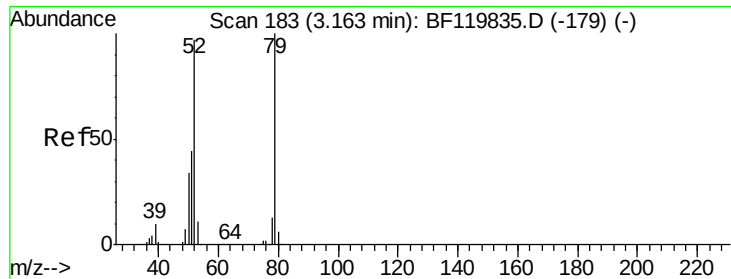


#2

1,4-Dioxane
Concen: 39.619 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.09 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.9	82.6	123.8
43	36.5	28.6	42.8





#3

Pvridine

Concen: 41.192 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.09 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

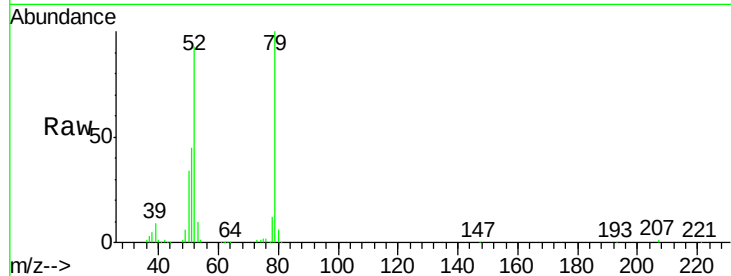
Tot Ion: 79 Resp: 435935

Ion Ratio Lower Upper

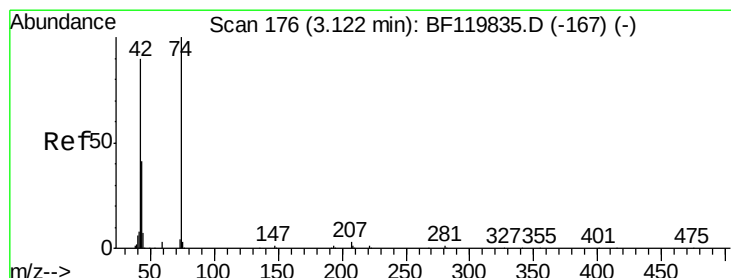
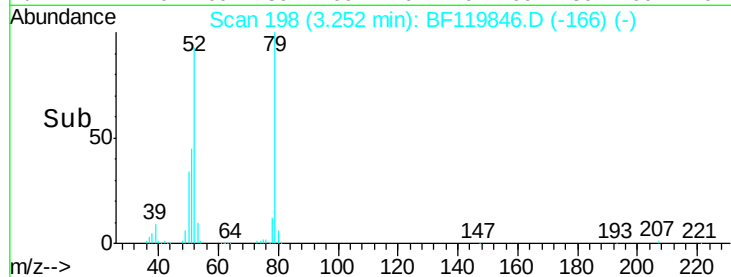
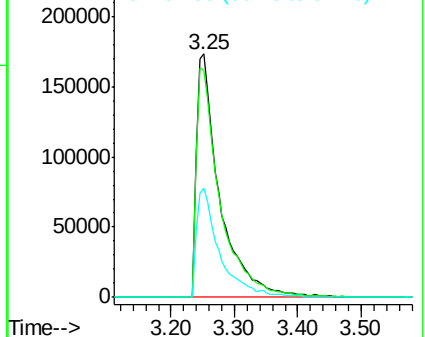
79 100

52 93.1 77.4 116.0

51 45.0 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 46.276 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.08 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

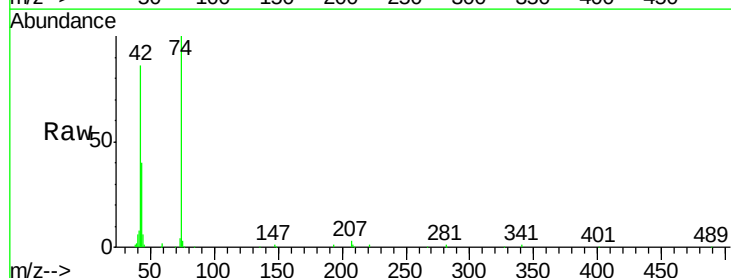
Tgt Ion: 42 Resp: 250222

Ion Ratio Lower Upper

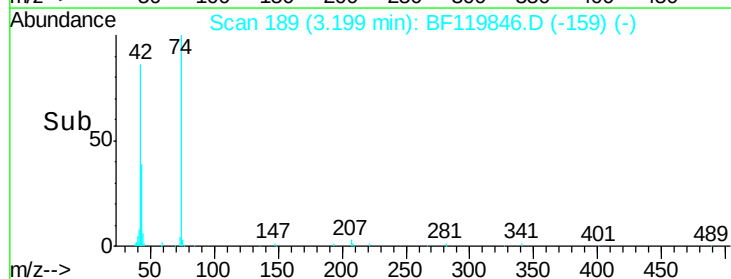
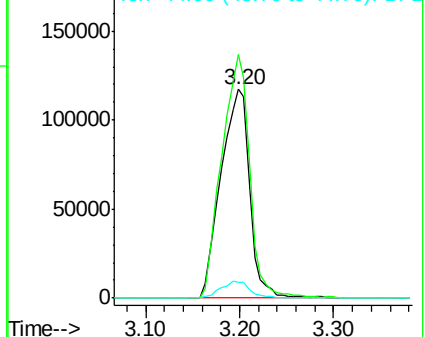
42 100

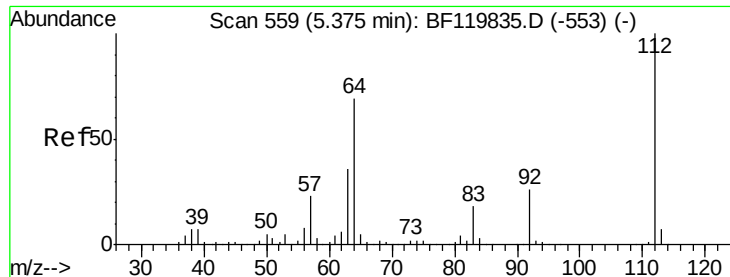
74 116.6 89.0 133.4

44 7.5 6.2 9.4



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





#5

2-Fluorophenol

Concen: 134.372 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

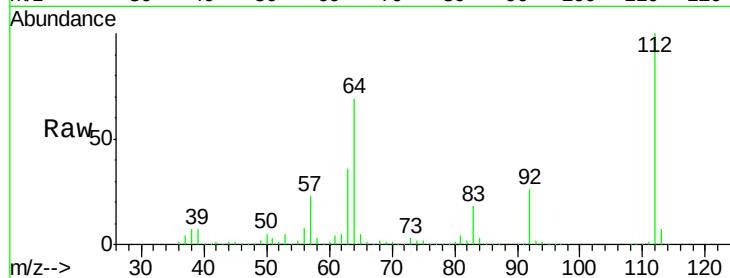
Tot Ion:112 Resp: 1163689

Ion Ratio Lower Upper

112 100

64 69.0 55.5 83.3

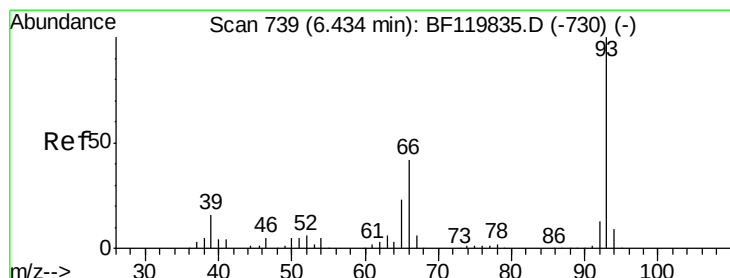
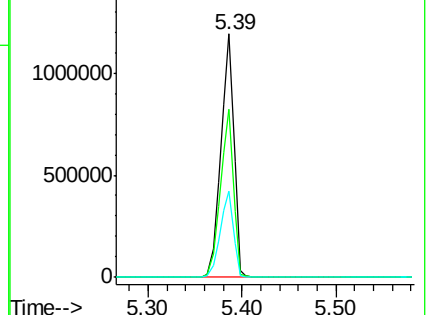
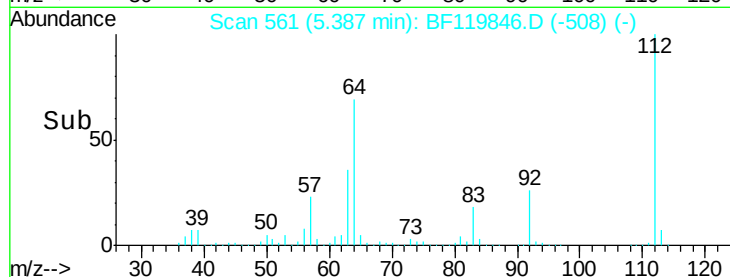
63 35.5 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.962 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

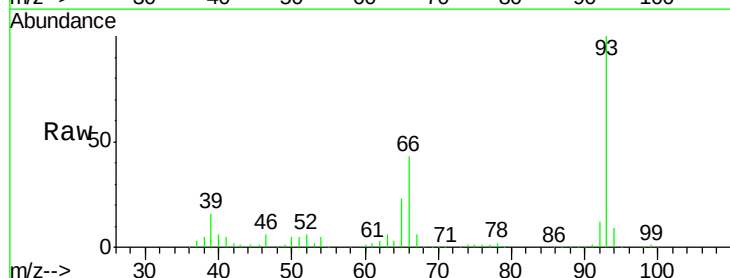
Tgt Ion: 93 Resp: 468123

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.2

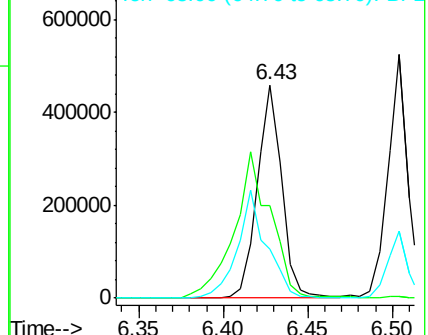
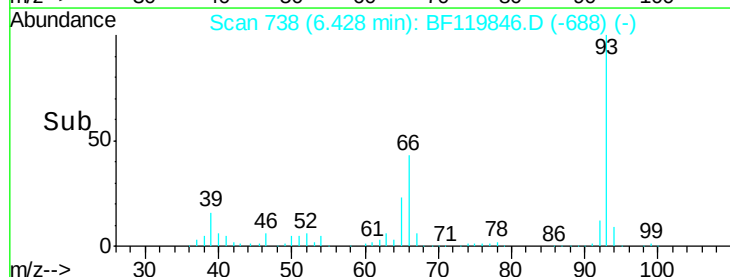
65 23.1 18.3 27.5

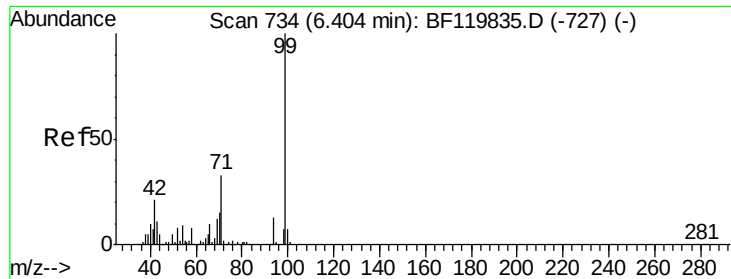


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.445 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

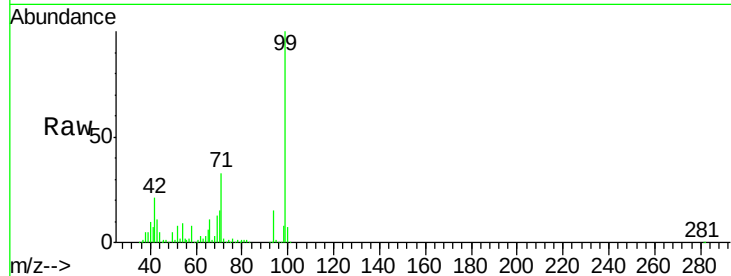
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1388690

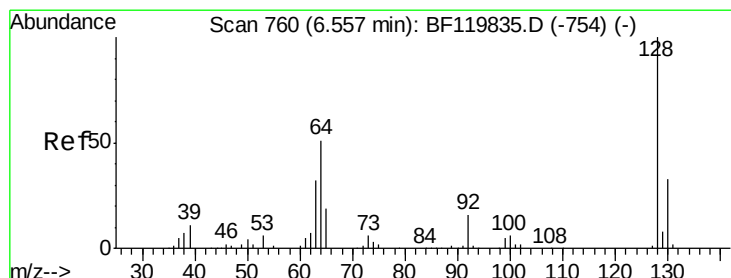
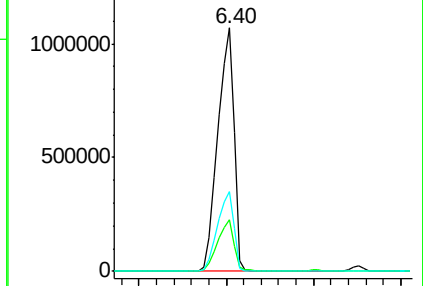
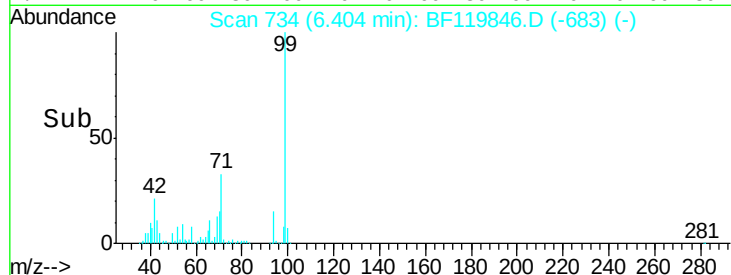
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	32.8	26.3	39.5



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: 44.752 ng

RT: 6.55 min Scan# 759

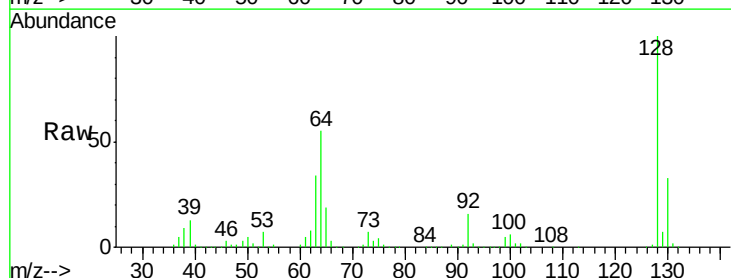
Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion: 128 Resp: 433029

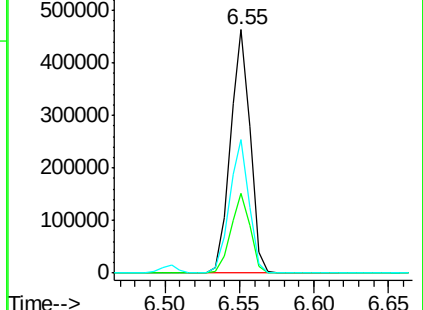
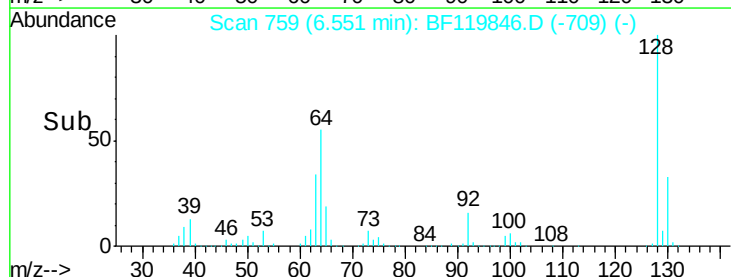
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	55.0	32.0	72.0

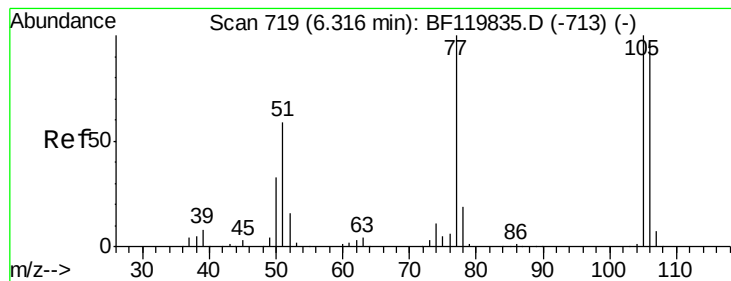


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.520 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

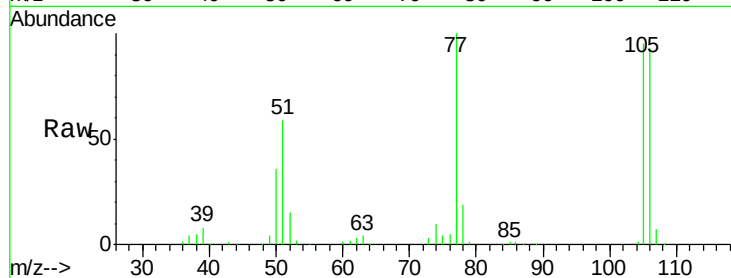
Tot Ion: 77 Resp: 170190

Ion Ratio Lower Upper

77 100

105 94.9 79.9 119.9

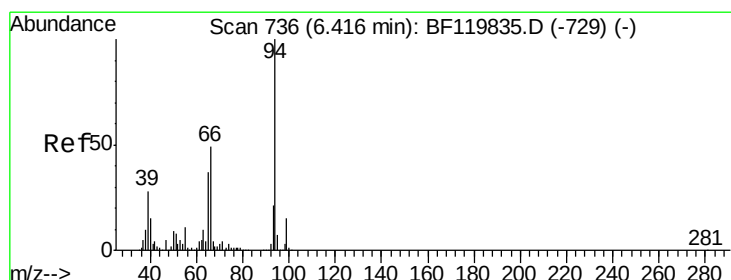
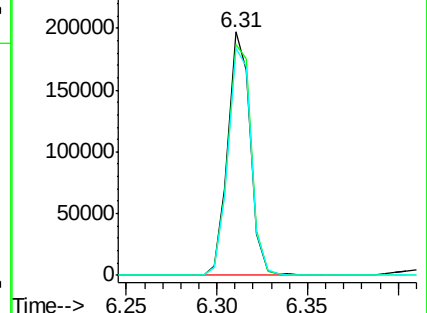
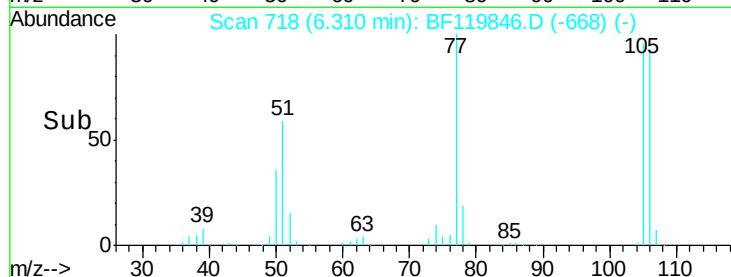
106 93.5 76.4 116.4



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: 43.601 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

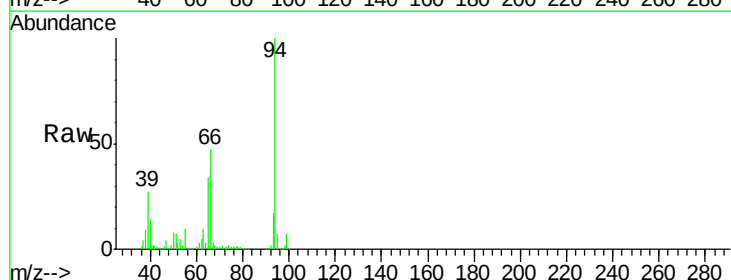
Tgt Ion: 94 Resp: 551984

Ion Ratio Lower Upper

94 100

65 34.5 16.6 56.6

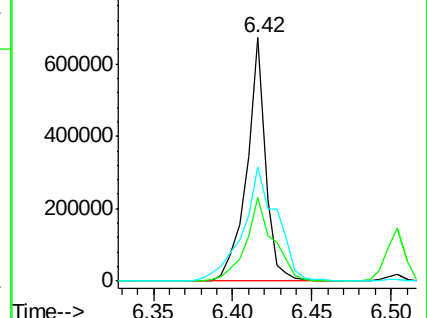
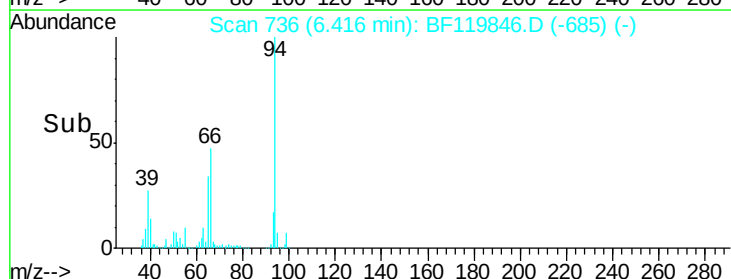
66 46.7 29.3 69.3

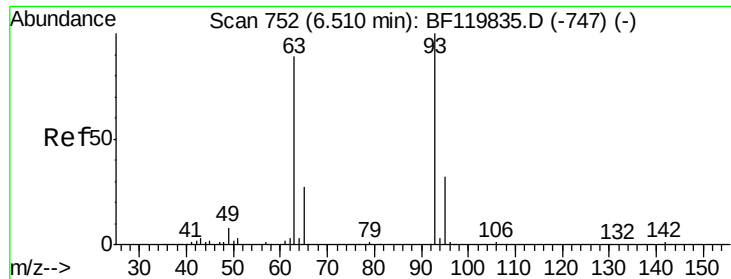


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

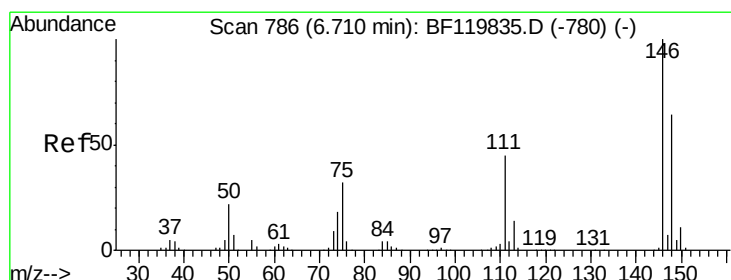
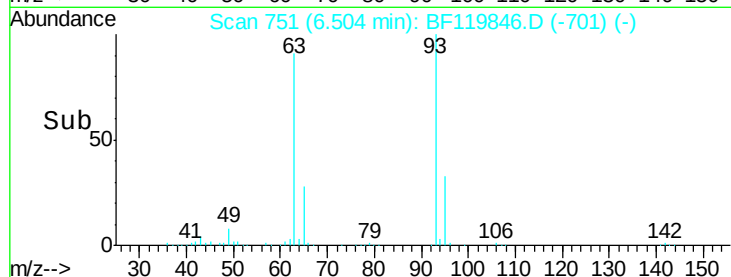
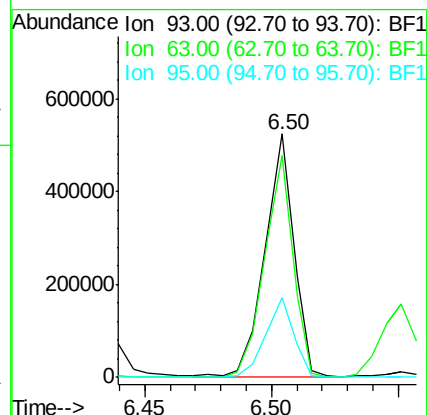
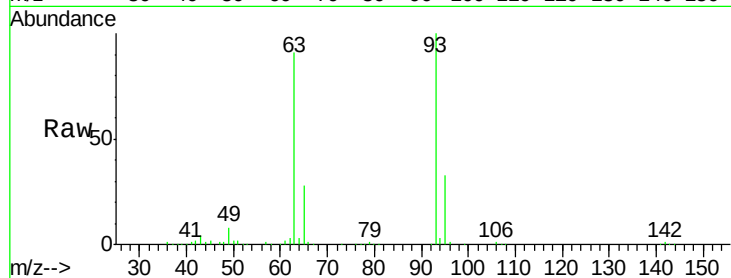




#11
bis(2-Chloroethyl)ether
Concen: 43.325 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

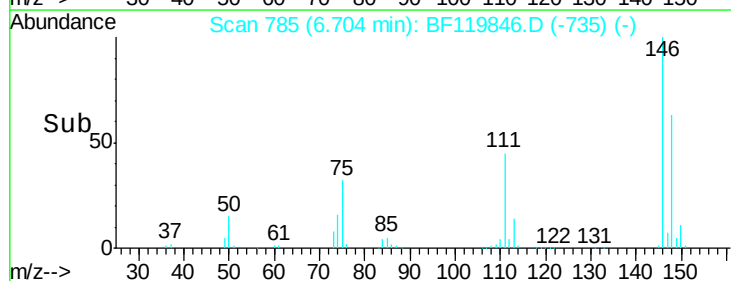
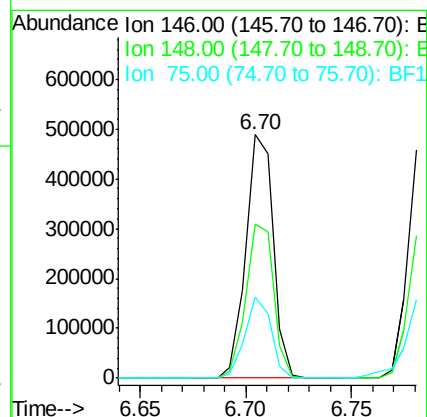
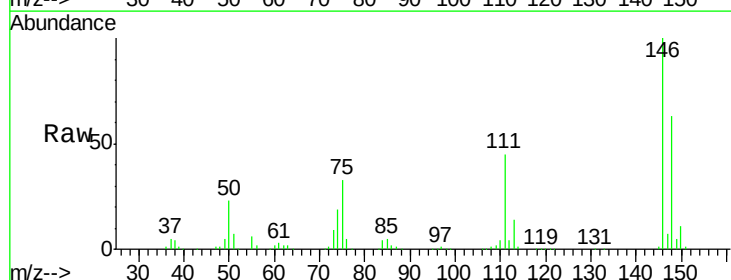
Instrument :
BNA_F
ClientSampleId :

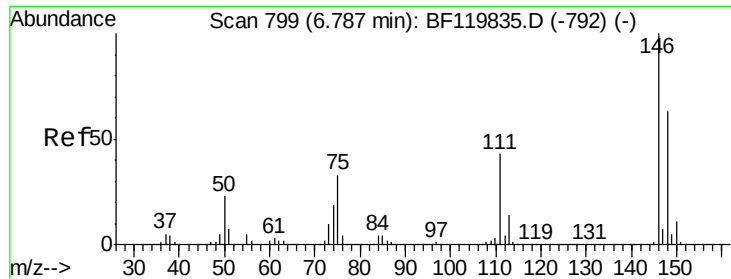
Tot Ion: 93 Resp: 423498
Ion Ratio Lower Upper
93 100
63 91.3 69.1 109.1
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.402 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion: 146 Resp: 438590
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 33.2 25.3 37.9

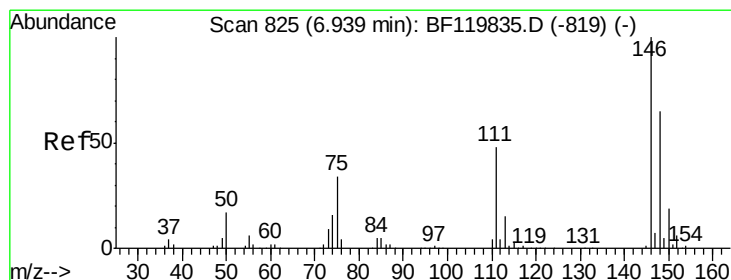
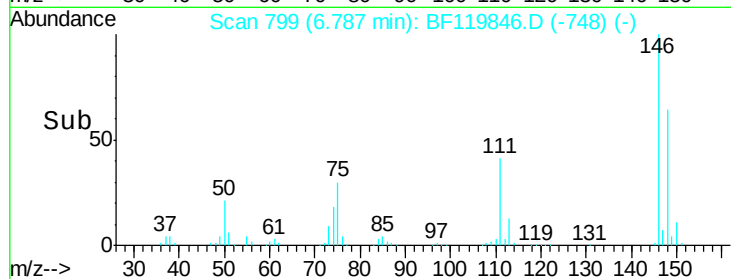
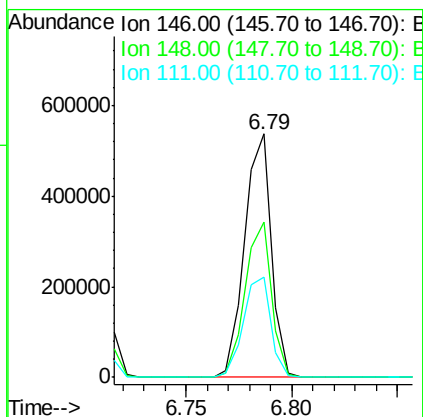
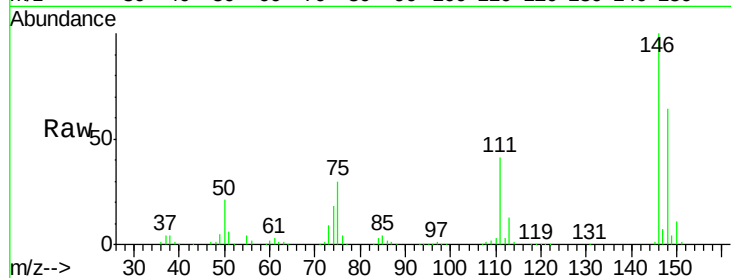




#13
 1,4-Dichlorobenzene
 Concen: 43.672 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

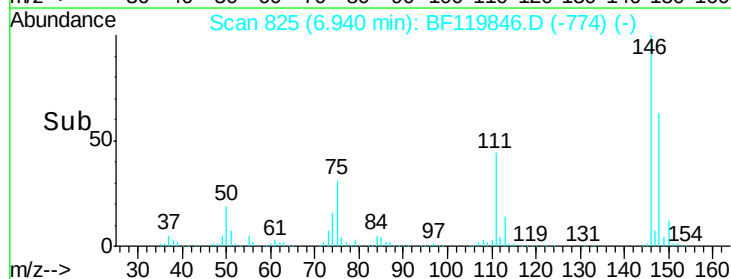
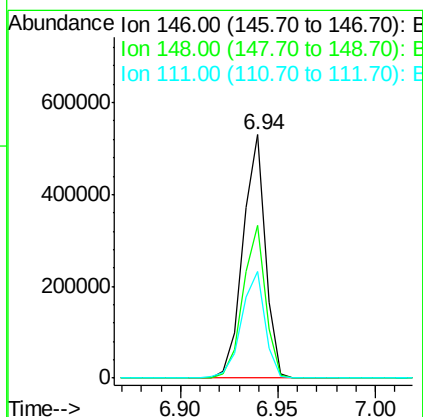
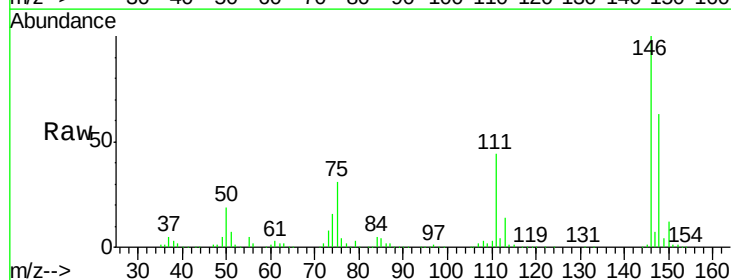
Instrument :
 BNA_F
 ClientSampleId :

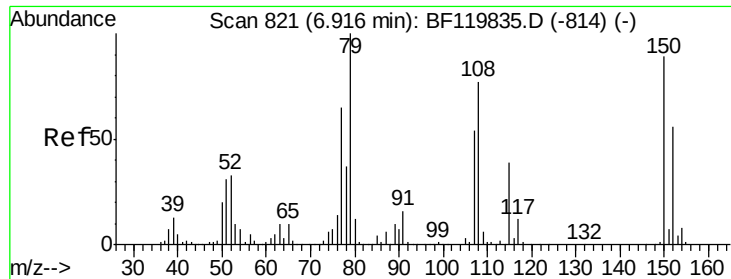
Tot Ion:146 Resp: 471275
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.5 75.7
 111 41.0 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 42.181 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:146 Resp: 419493
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.8
 111 43.9 38.0 57.0

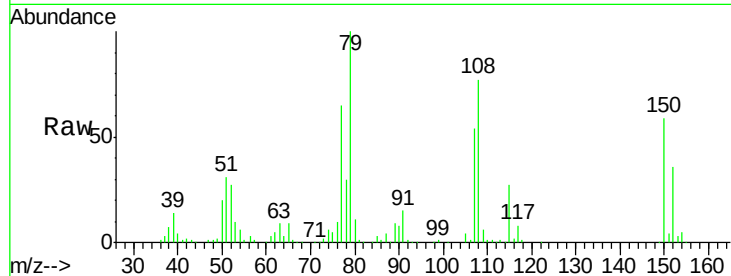




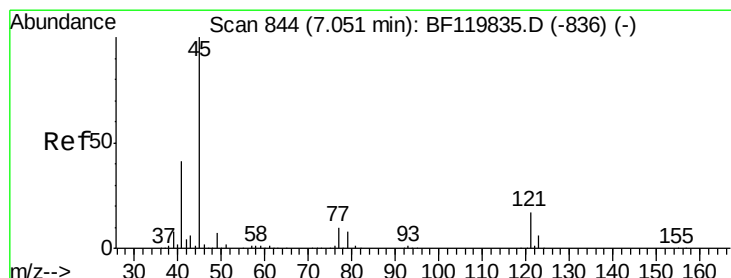
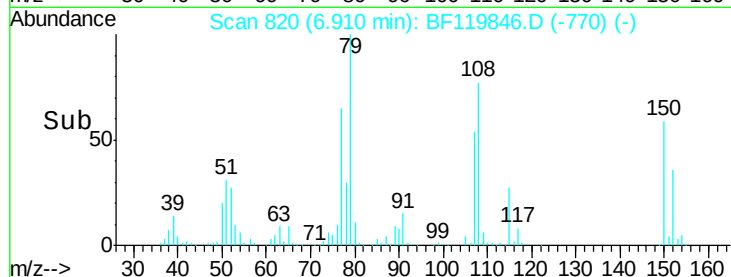
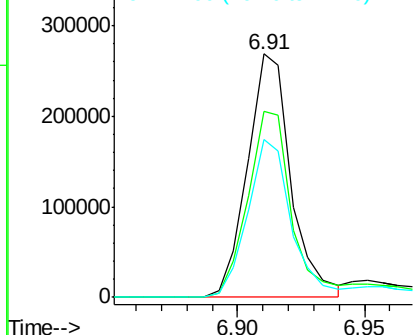
#15
Benzyl Alcohol
Concen: 37.189 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 322330
Ion Ratio Lower Upper
79 100
108 76.6 62.0 93.0
77 64.7 51.8 77.6

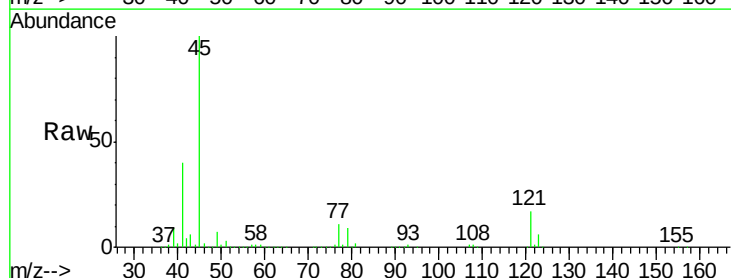


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

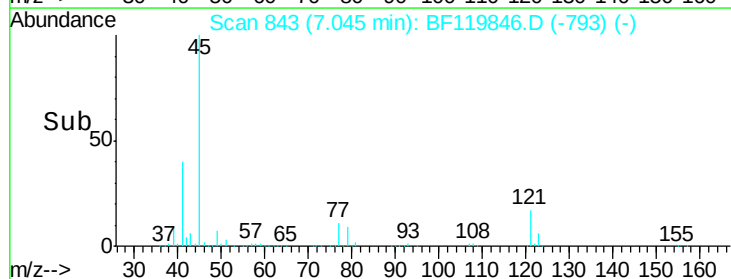
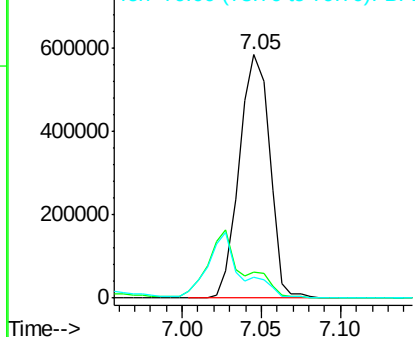


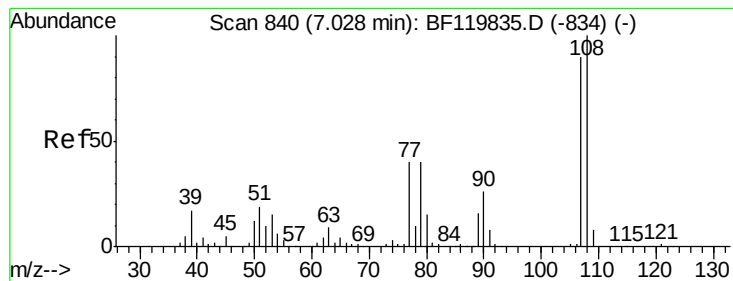
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.056 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion: 45 Resp: 780937
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.7
79 8.6 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

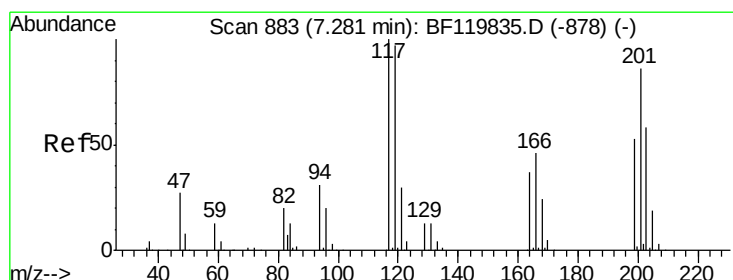
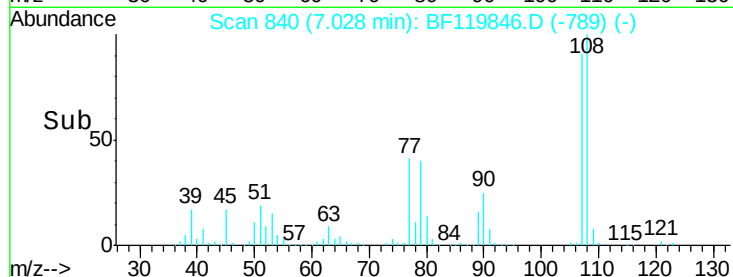
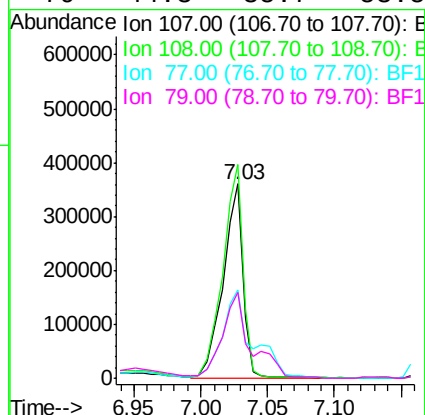
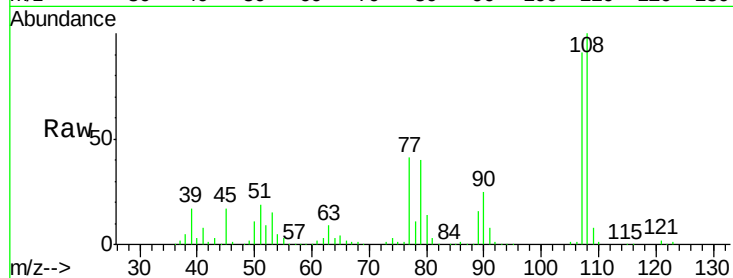




#17
2-Methylphenol
Concen: 44.368 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

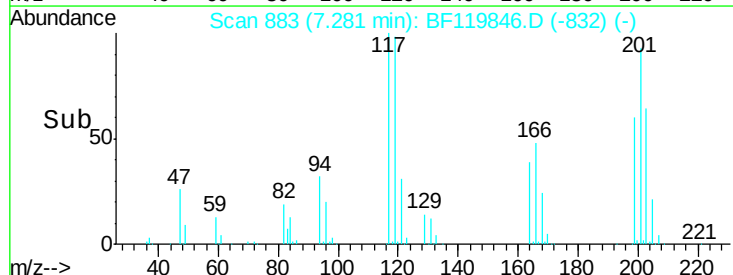
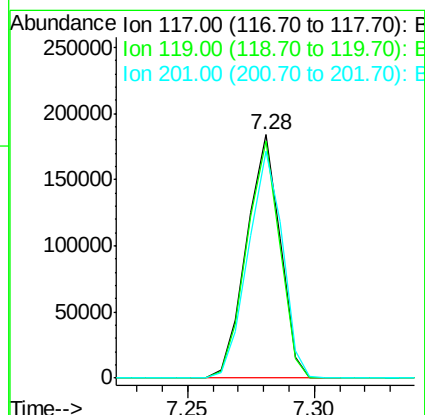
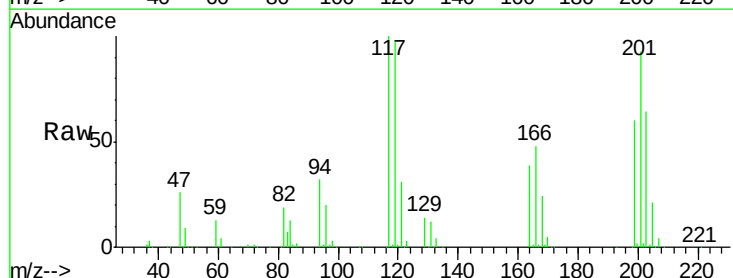
Instrument :
BNA_F
ClientSampleId :

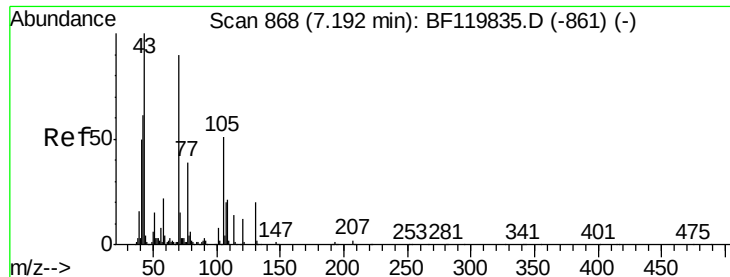
Tot Ion:	107	Resp:	383129
Ion	Ratio	Lower	Upper
107	100		
108	110.0	88.8	133.2
77	45.6	36.0	54.0
79	44.3	35.7	53.5



#18
Hexachloroethane
Concen: 42.132 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:	117	Resp:	169916
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
201	93.1	68.4	102.6

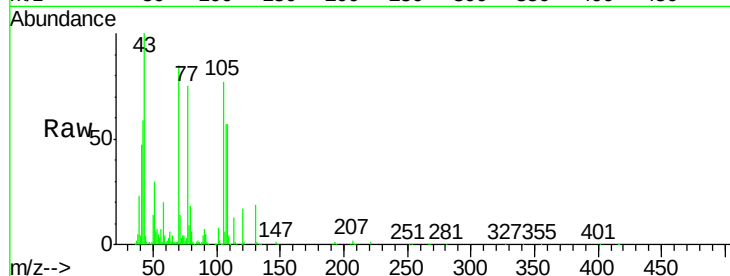




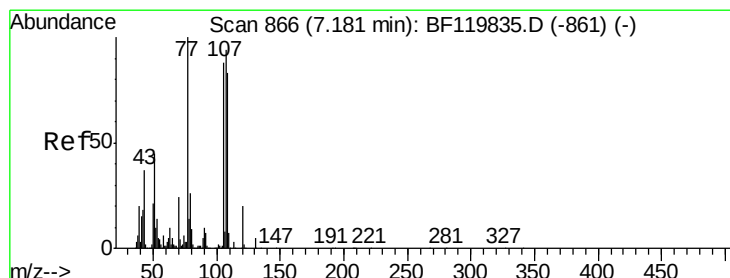
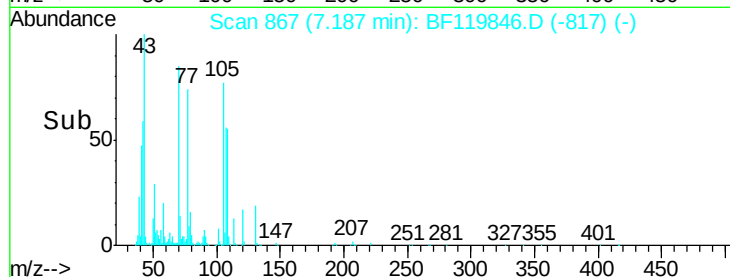
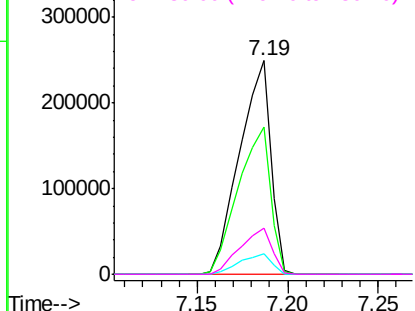
#19
n-Nitroso-di-n-propylamine
Concen: 41.668 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 299004
Ion Ratio Lower Upper
70 100
42 69.1 54.2 81.4
101 9.7 7.4 11.2
130 21.8 17.8 26.6

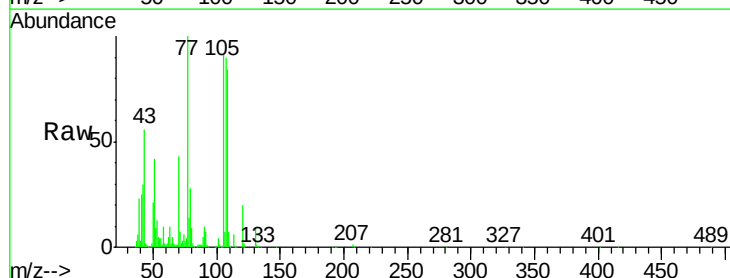


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

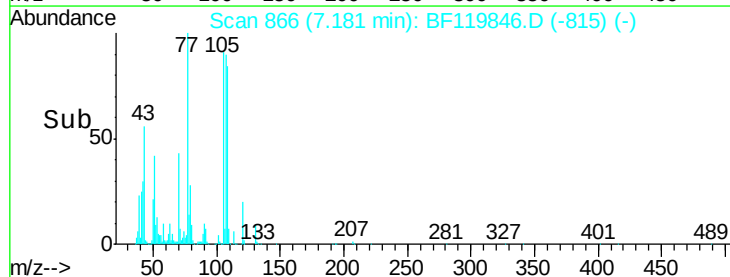
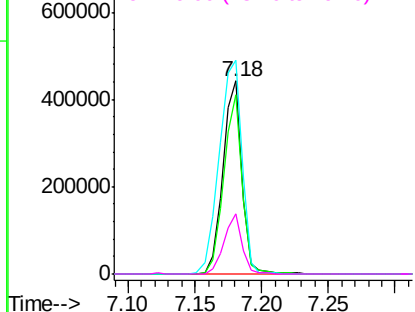


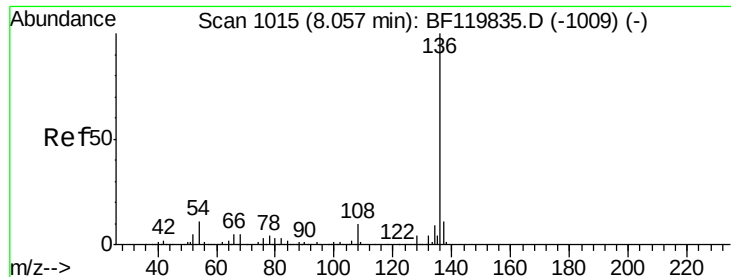
#20
3+4-Methylphenols
Concen: 41.664 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:107 Resp: 440025
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 110.7 86.6 126.6
79 31.0 7.7 47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574202

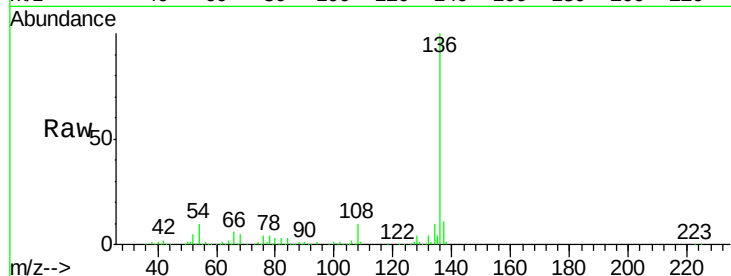
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.3 8.5 12.7

68 5.0 3.9 5.9

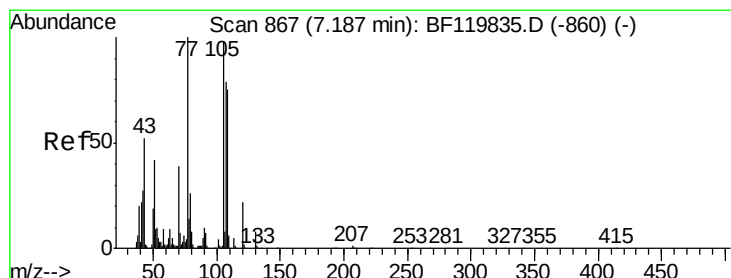
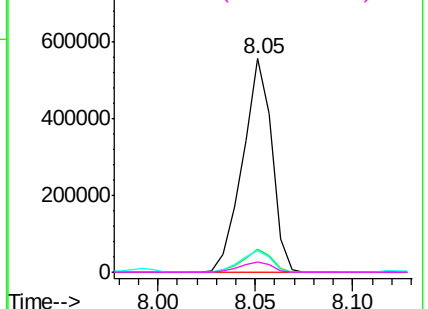
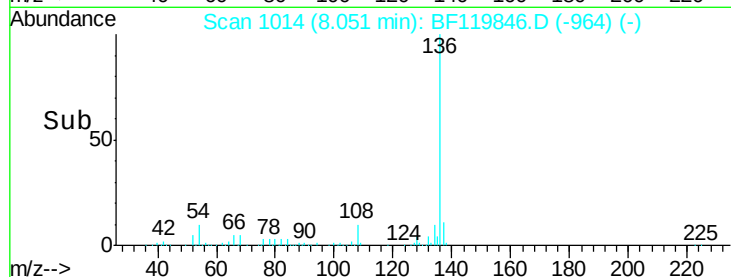


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.649 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion:105 Resp: 573458

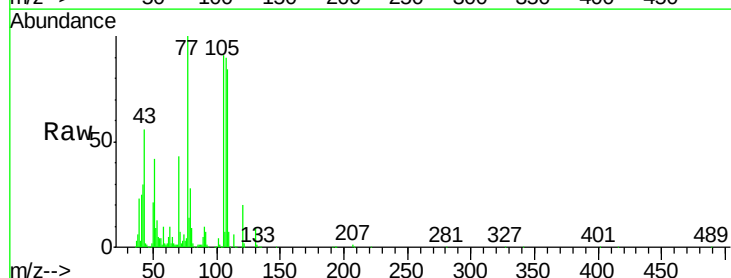
Ion Ratio Lower Upper

105 100

71 7.9 5.6 8.4

51 46.6 33.9 50.9

120 22.3 17.8 26.8

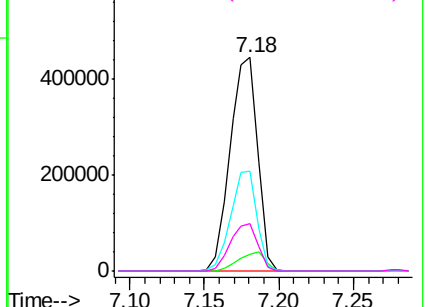
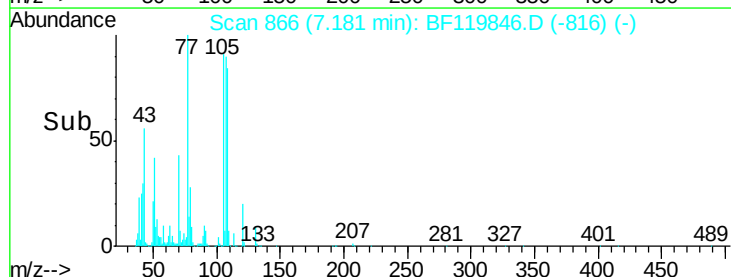


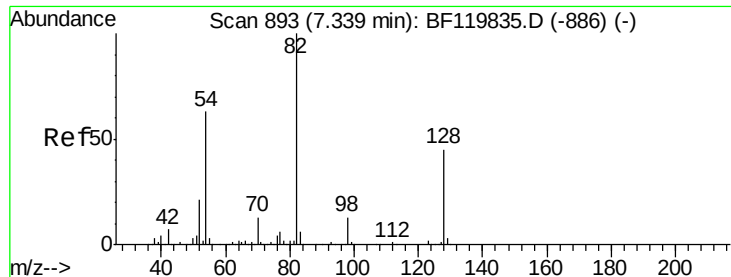
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

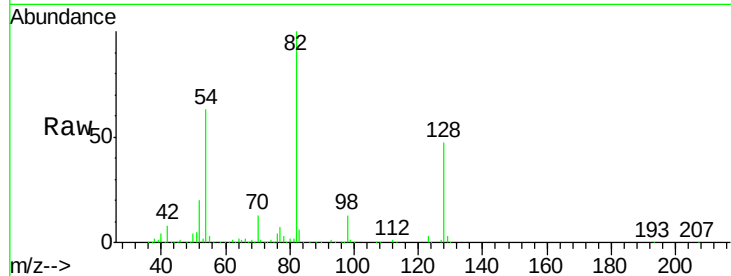




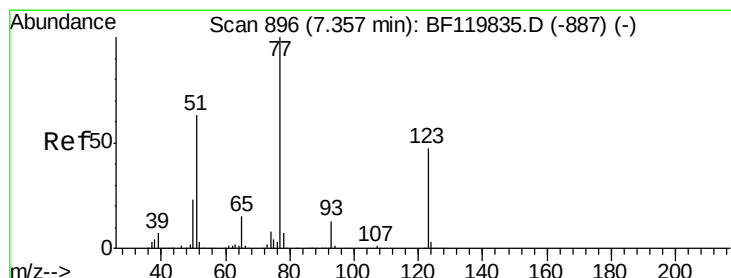
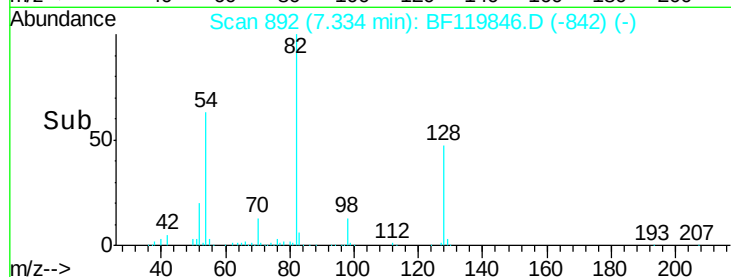
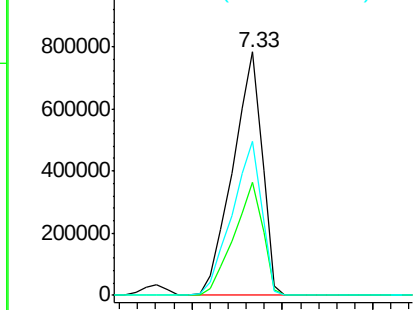
#23
Nitrobenzene-d5
Concen: 79.138 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 878368
Ion Ratio Lower Upper
82 100
128 46.5 36.2 54.4
54 63.0 50.4 75.6

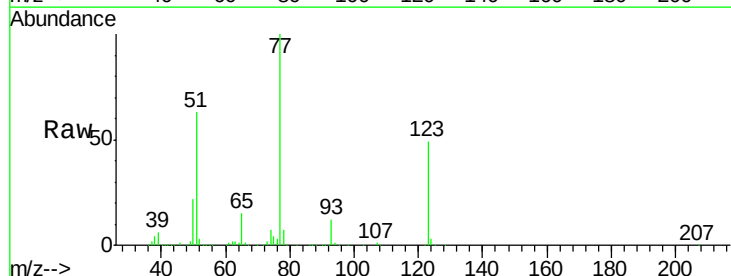


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

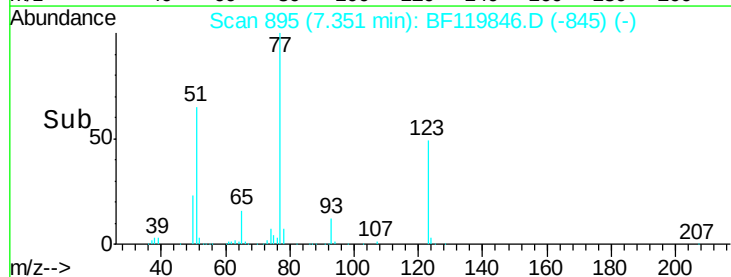
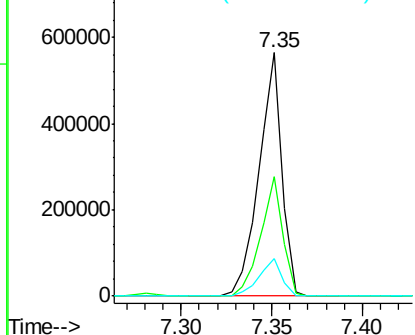


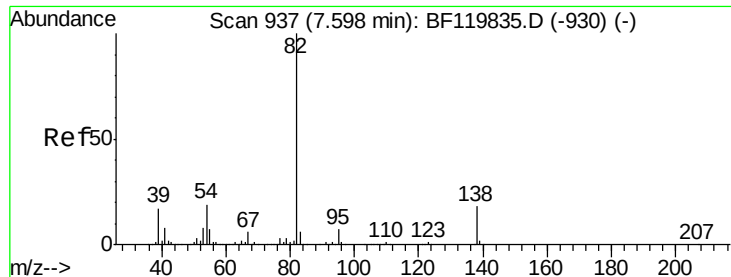
#24
Nitrobenzene
Concen: 44.460 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion: 77 Resp: 496417
Ion Ratio Lower Upper
77 100
123 49.3 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: 40.045 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

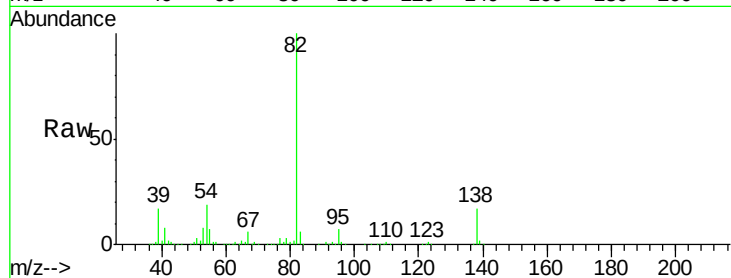
Tot Ion: 82 Resp: 856800

Ion Ratio Lower Upper

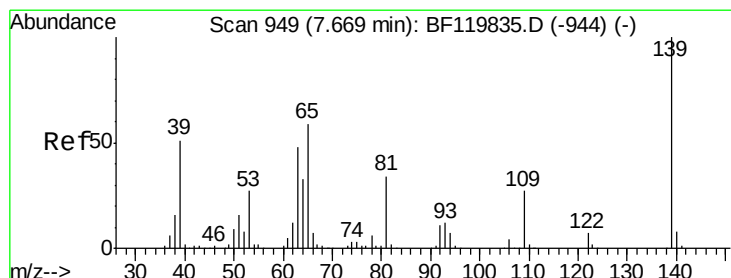
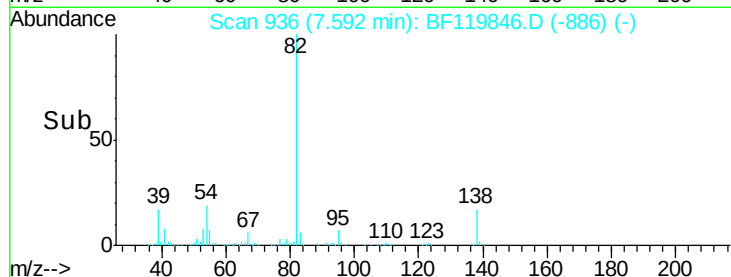
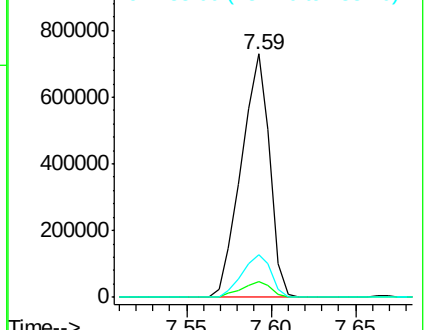
82 100

95 6.7 5.8 8.6

138 17.4 14.5 21.7



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



#26

2-Nitrophenol

Concen: 46.360 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

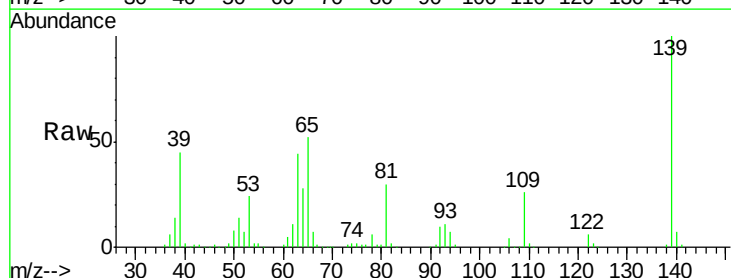
Tgt Ion: 139 Resp: 258608

Ion Ratio Lower Upper

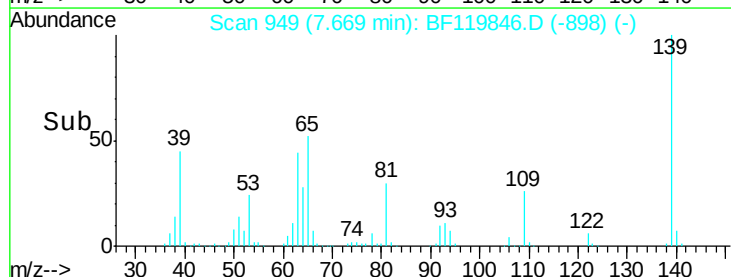
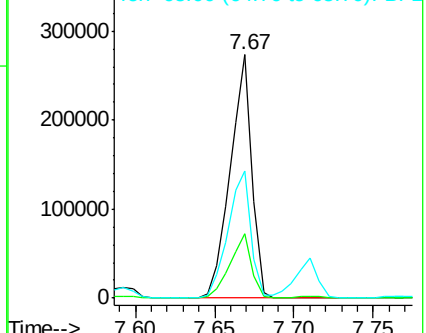
139 100

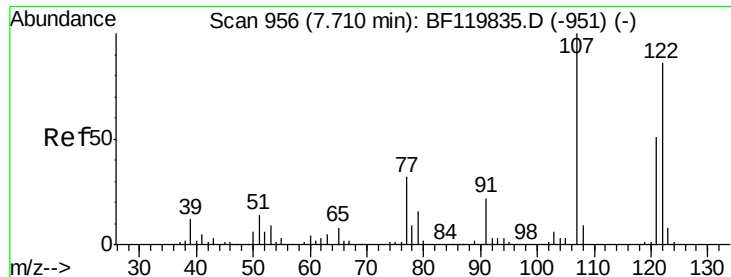
109 26.3 21.8 32.6

65 52.2 47.0 70.4



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

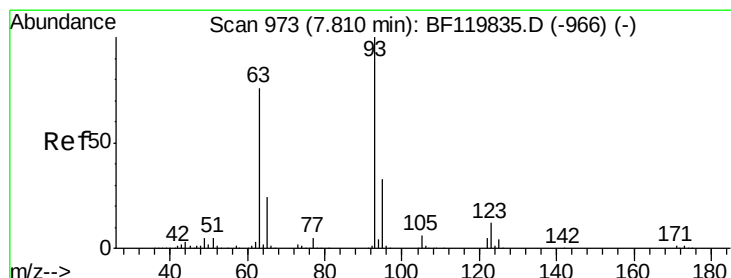
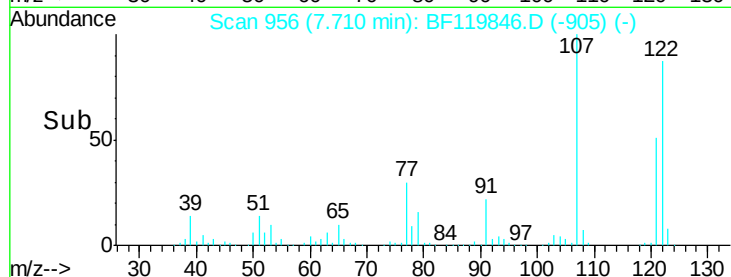
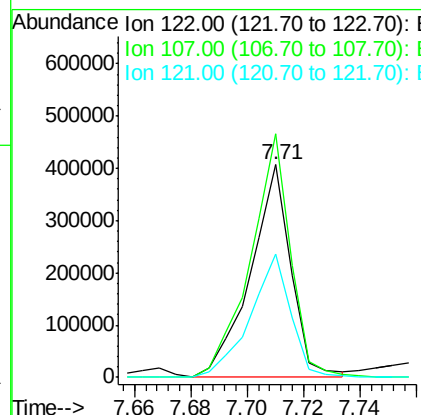
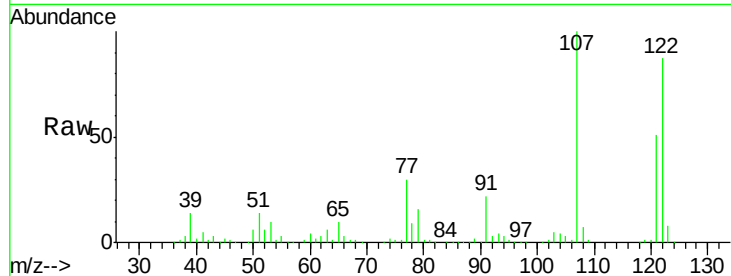




#27
 2,4-Dimethylphenol
 Concen: 47.769 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

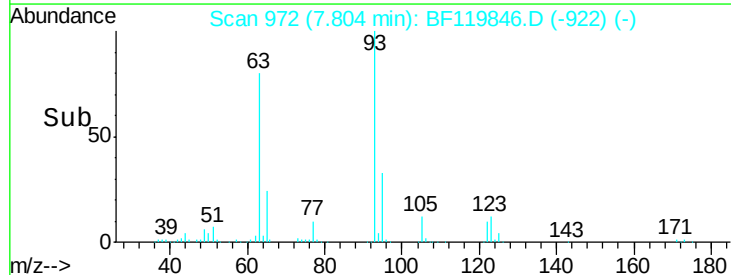
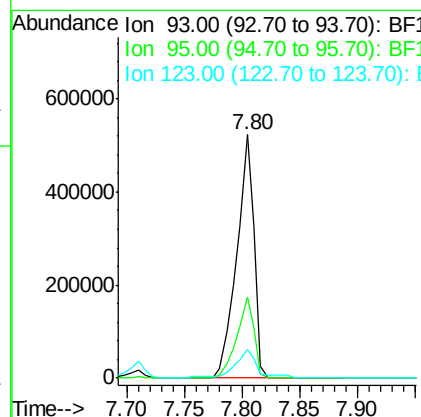
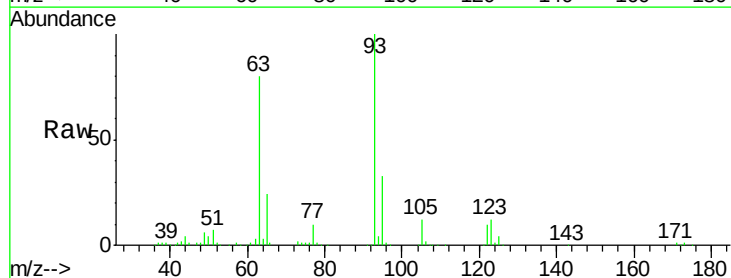
Instrument :
 BNA_F
 ClientSampleId :

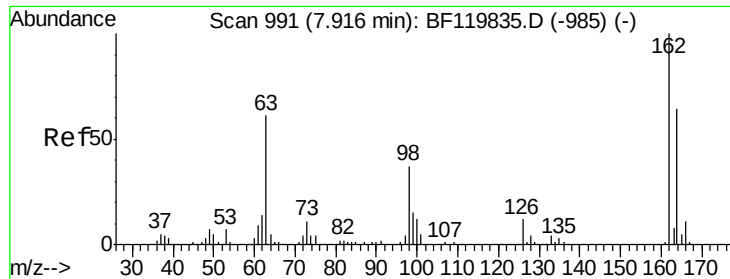
Tot Ion:122 Resp: 401879
 Ion Ratio Lower Upper
 122 100
 107 114.6 92.3 138.5
 121 58.3 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.810 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion: 93 Resp: 538986
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 11.8 9.7 14.5

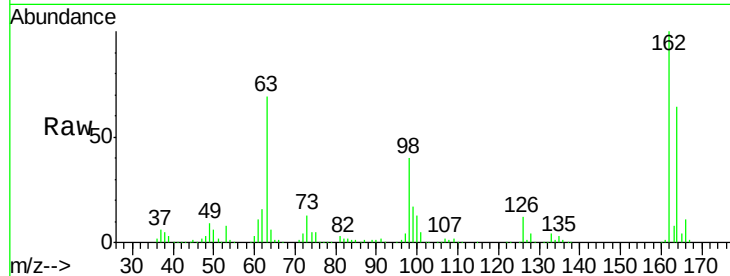




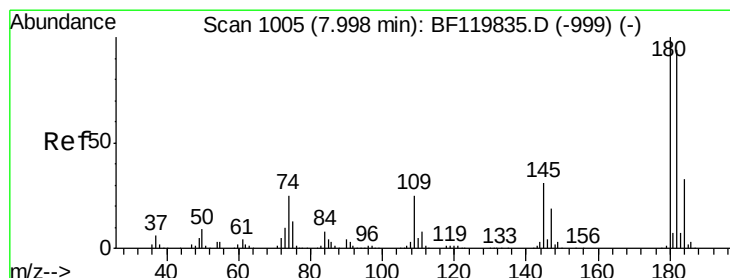
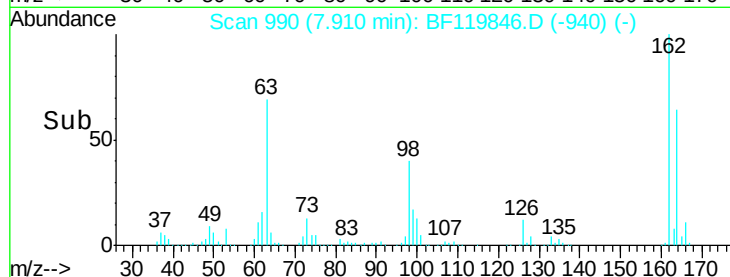
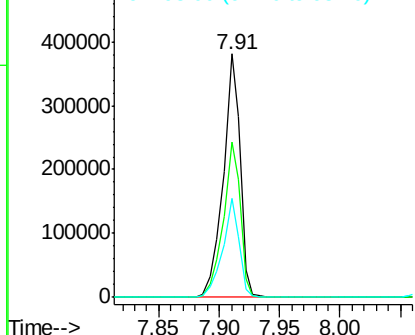
#29
2,4-Dichlorophenol
Concen: 42.938 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 370274
Ion Ratio Lower Upper
162 100
164 63.6 44.4 84.4
98 40.4 17.3 57.3

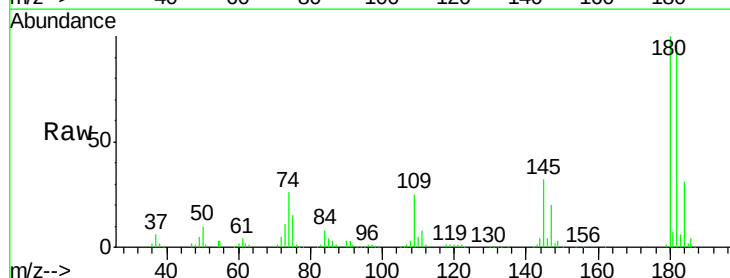


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

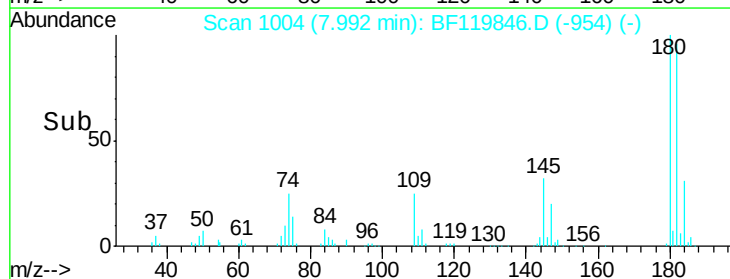
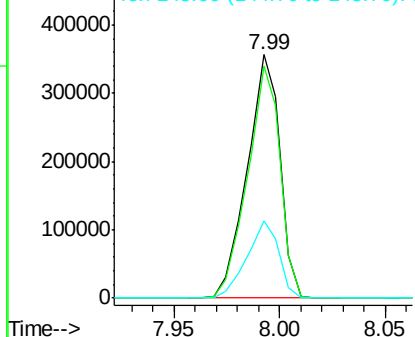


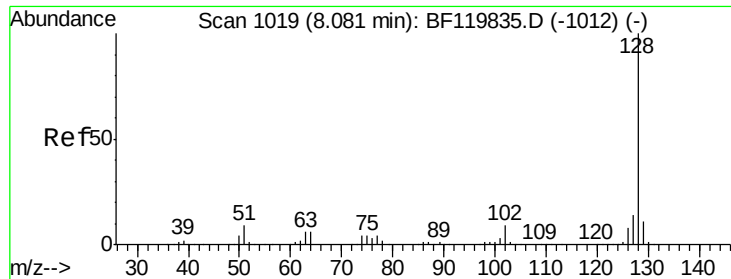
#30
1,2,4-Trichlorobenzene
Concen: 39.282 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:180 Resp: 383830
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 31.7 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: 40.315 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

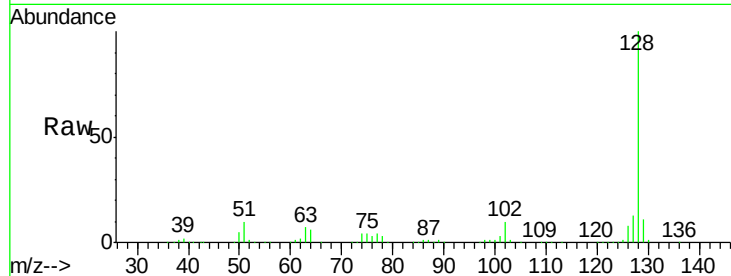
Tot Ion:128 Resp: 1217934

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

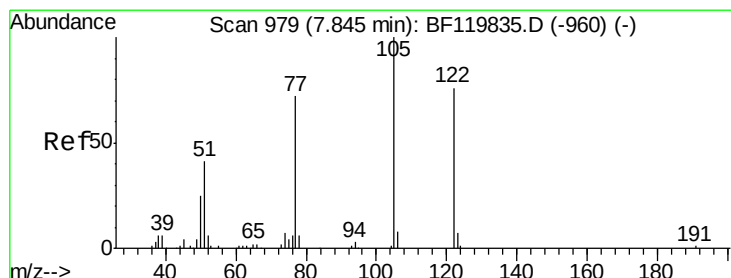
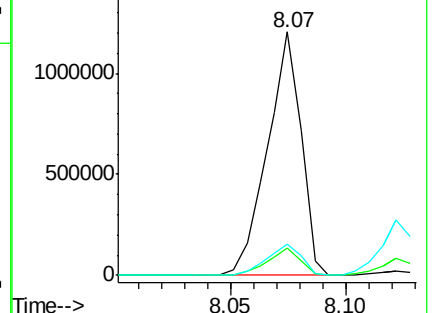
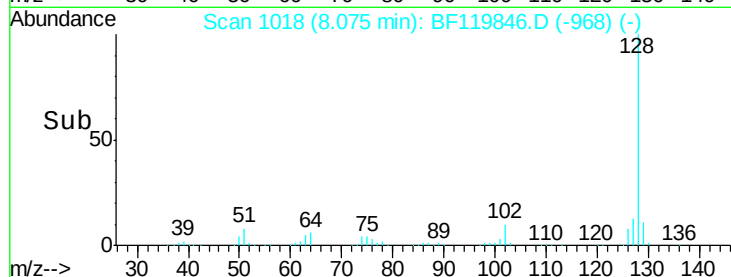
127 13.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.306 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

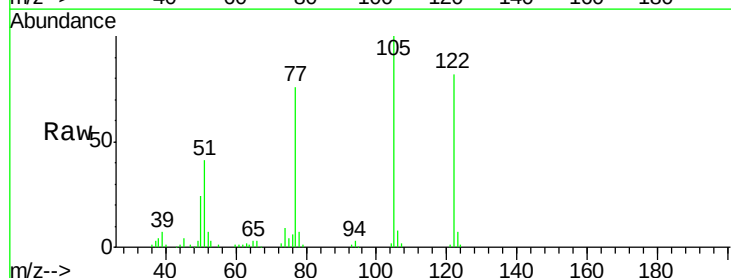
Tgt Ion:122 Resp: 305197

Ion Ratio Lower Upper

122 100

105 122.0 106.7 146.7

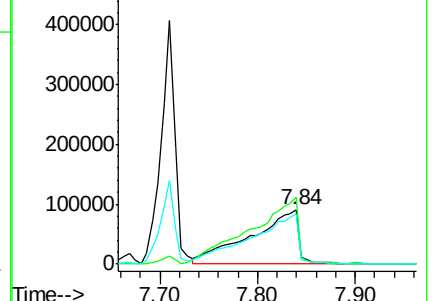
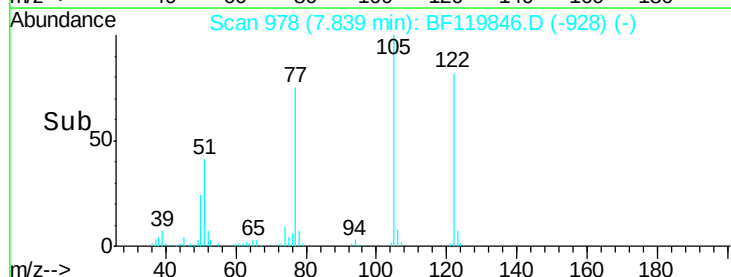
77 92.2 72.1 112.1

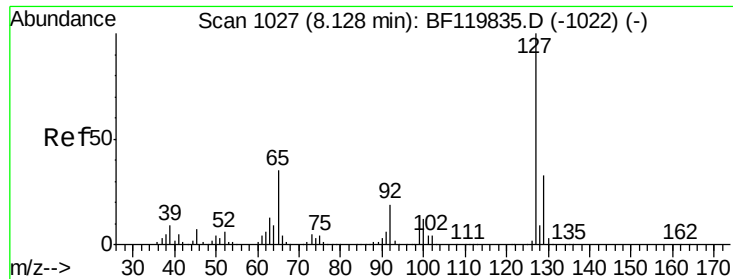


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

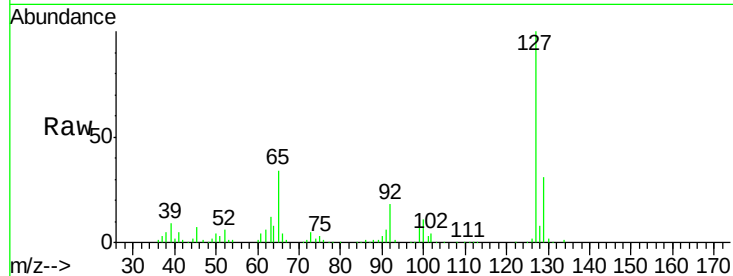




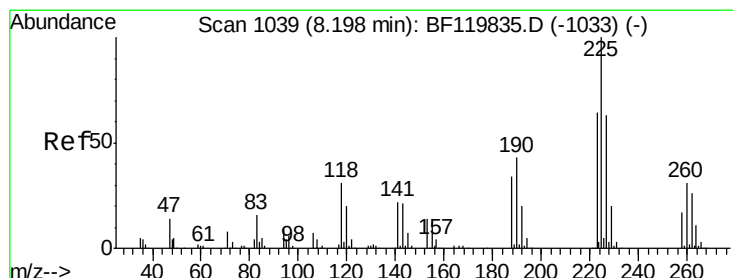
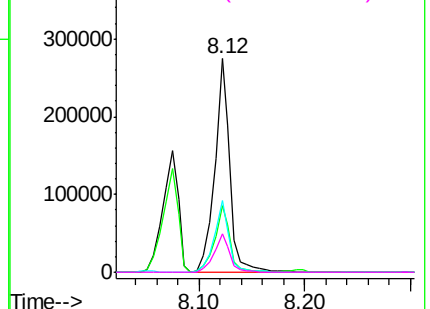
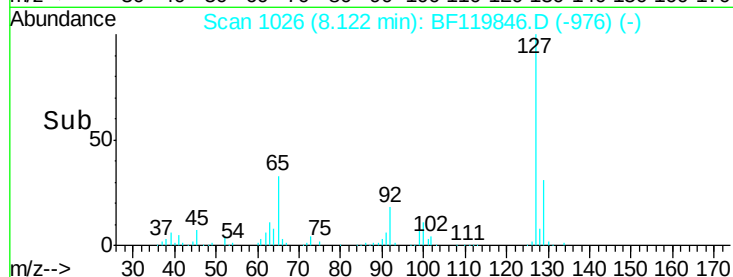
#33
4-Chloroaniline
Concen: 21.186 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	278629
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	33.7	28.3	42.5
92	18.2	15.4	23.2

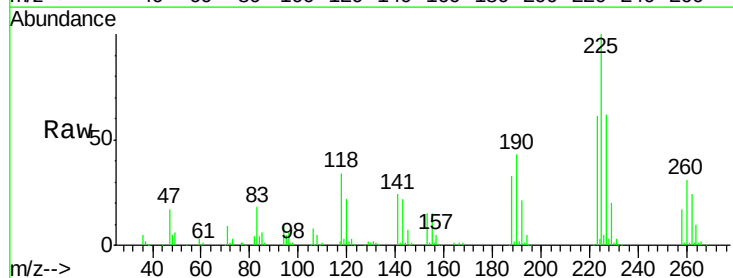


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

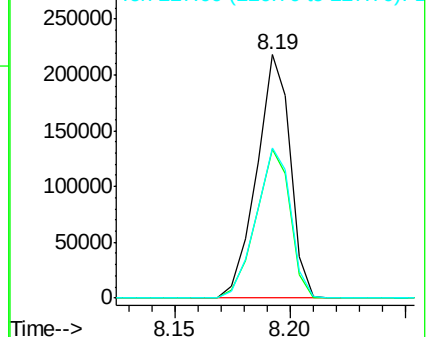
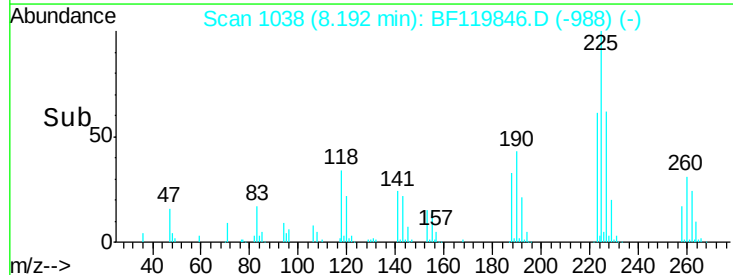


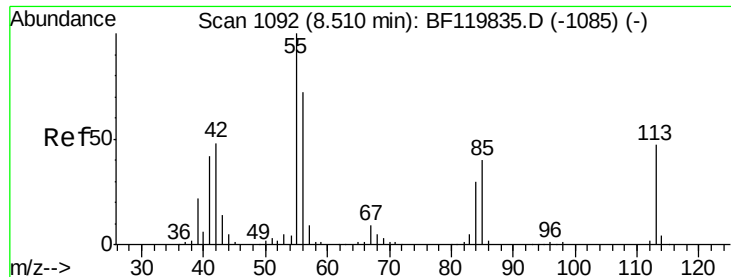
#34
Hexachlorobutadiene
Concen: 37.726 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:	225	Resp:	220664
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	61.6	50.4	75.6



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

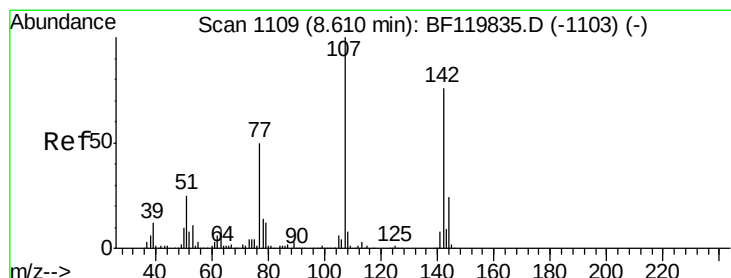
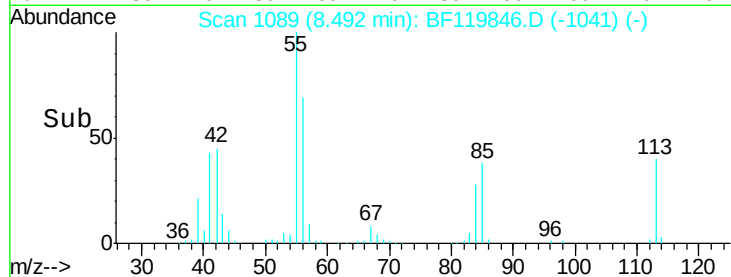
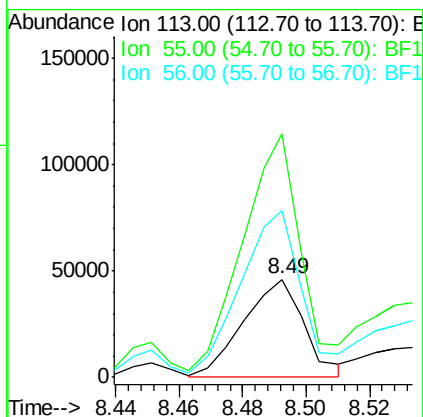
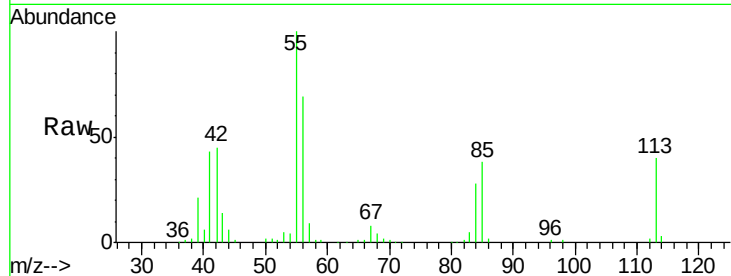




#35
 Caprolactam
 Concen: 23.079 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

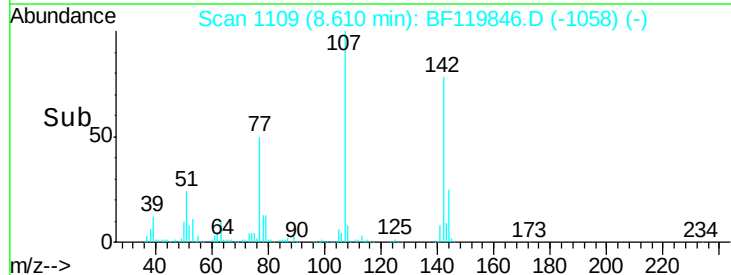
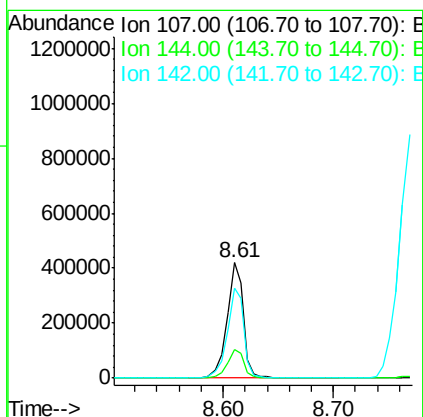
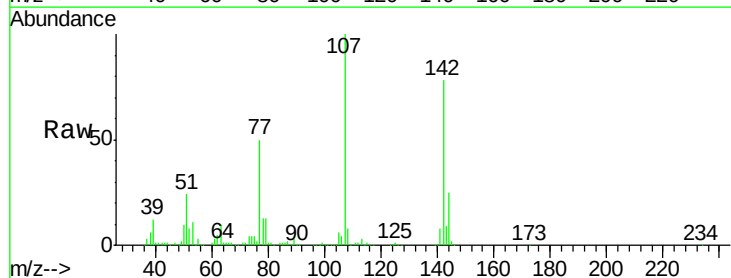
Instrument :
 BNA_F
 ClientSampled :

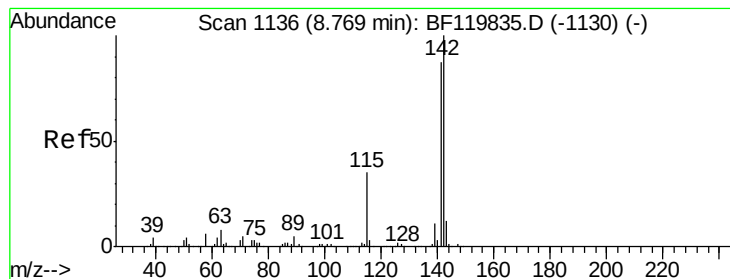
Tot Ion:113 Resp: 60880
 Ion Ratio Lower Upper
 113 100
 55 247.6 192.7 232.7#
 56 169.9 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.797 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:107 Resp: 436920
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.5 29.3
 142 77.6 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.566 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

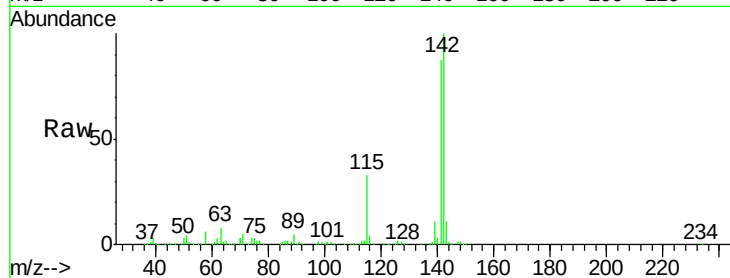
Tot Ion:142 Resp: 830867

Ion Ratio Lower Upper

142 100

141 86.9 69.9 104.9

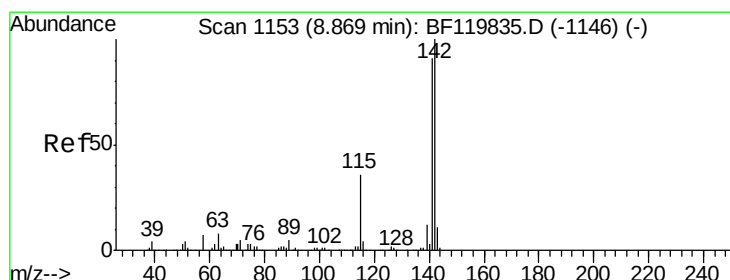
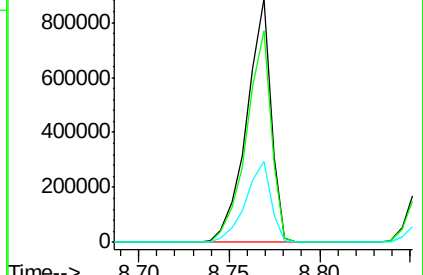
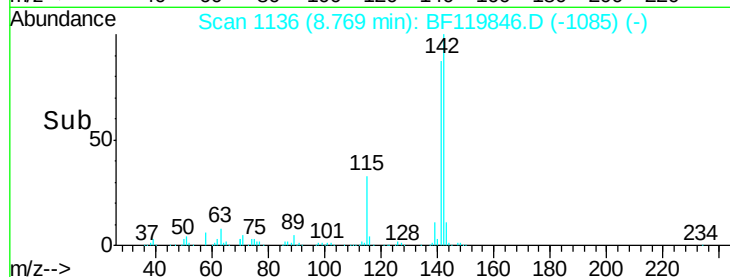
115 33.0 28.0 42.0



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: 43.049 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

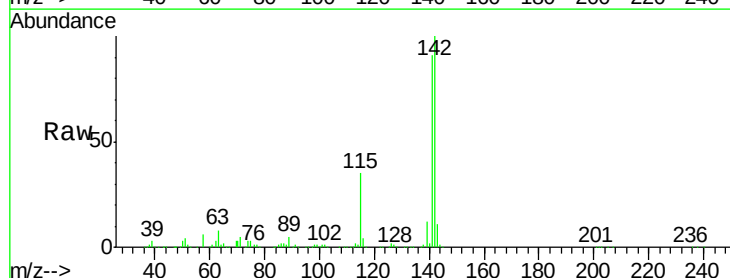
Tgt Ion:142 Resp: 831052

Ion Ratio Lower Upper

142 100

141 90.7 72.9 109.3

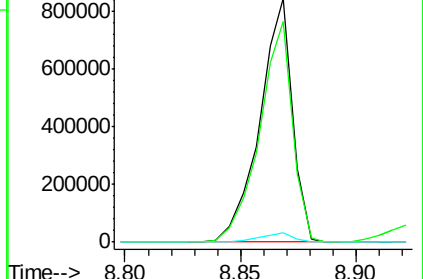
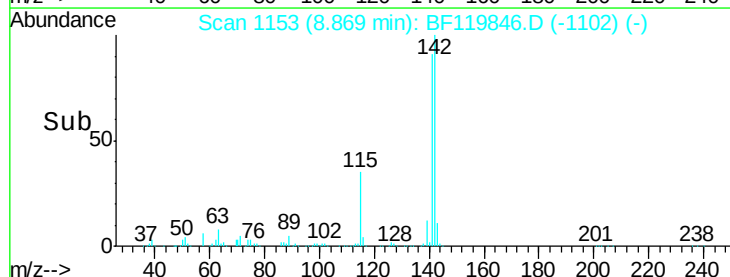
116 3.7 3.0 4.6

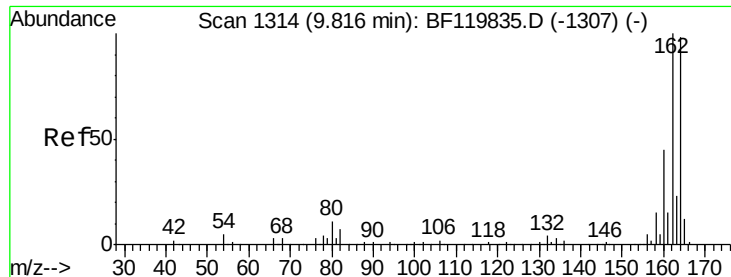


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampled :

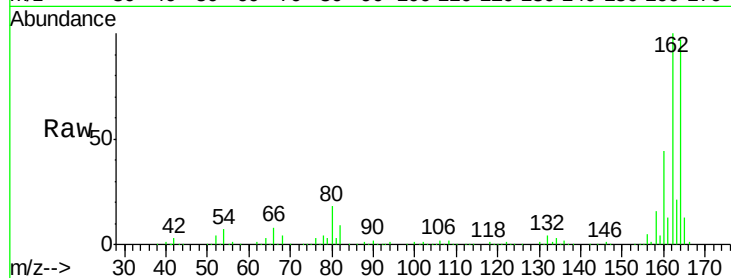
Tot Ion:164 Resp: 333041

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

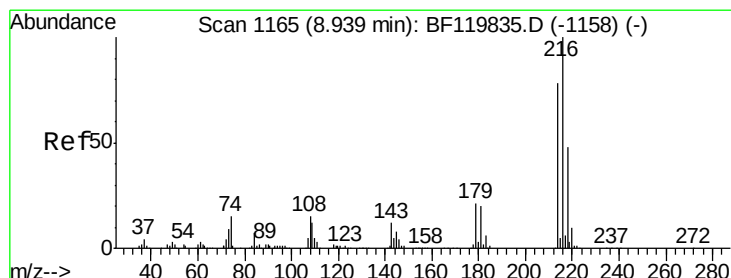
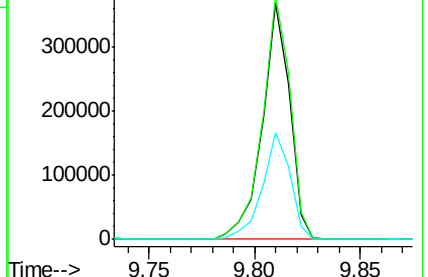
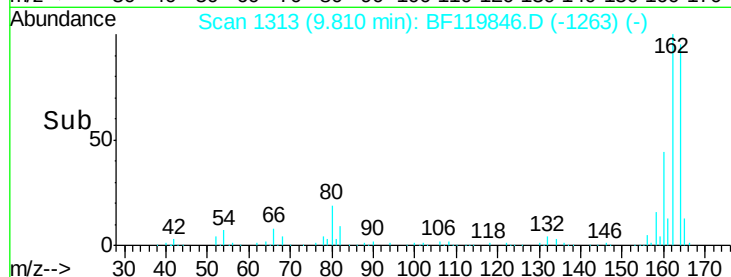
160 45.5 36.6 54.8



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: 35.937 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion:216 Resp: 378021

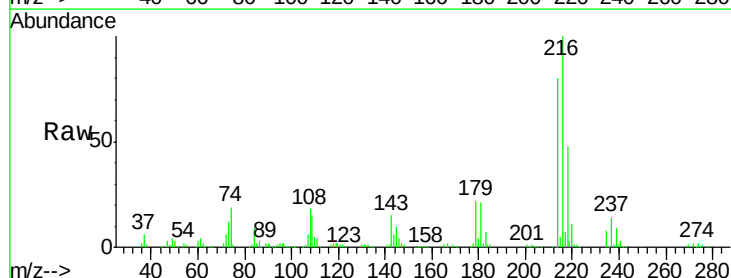
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 21.1 17.0 25.4

108 19.8 14.8 22.2

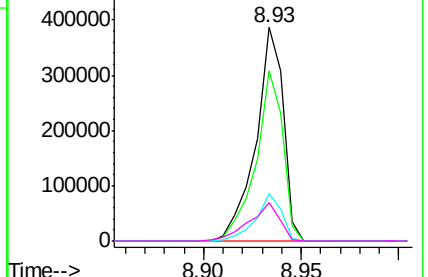
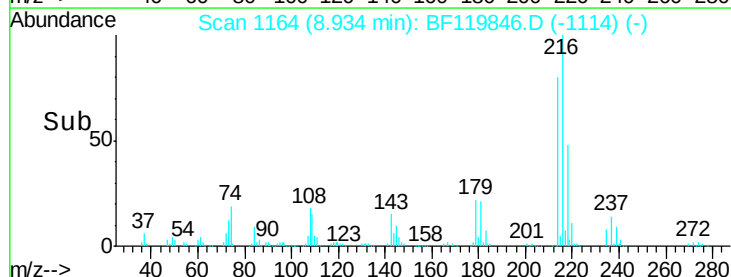


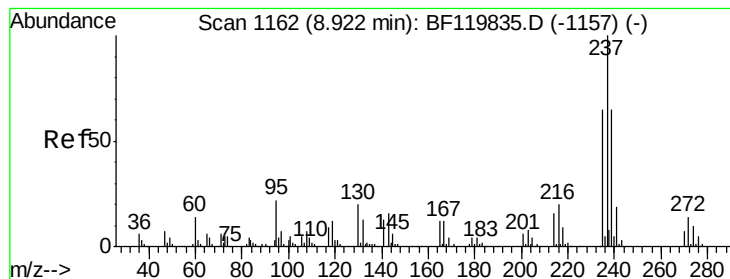
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.648 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

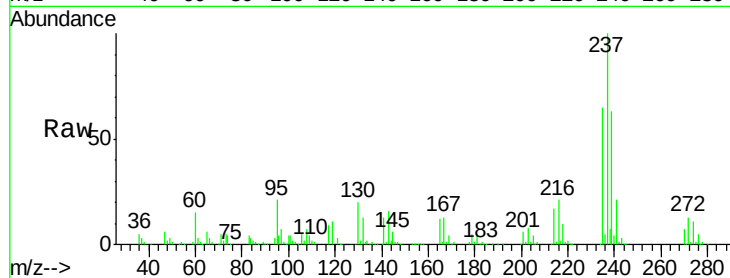
Tot Ion:237 Resp: 476408

Ion Ratio Lower Upper

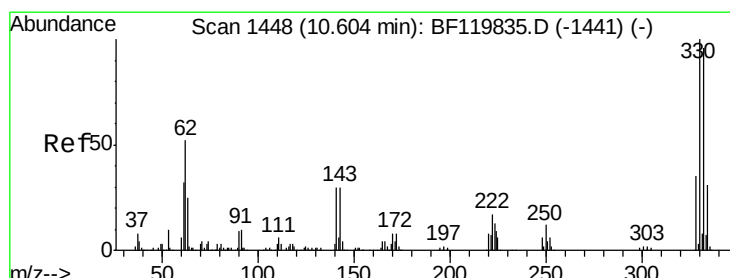
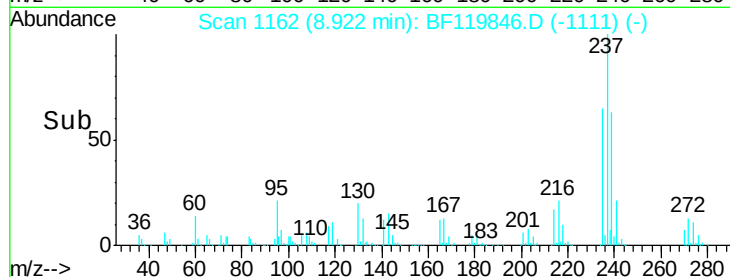
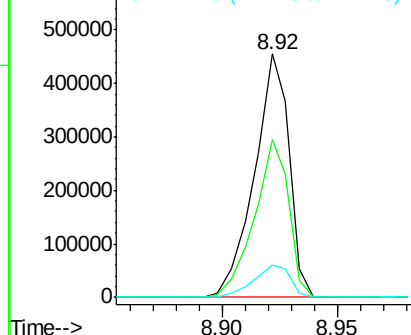
237 100

235 64.7 44.9 84.9

272 13.5 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: 108.406 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

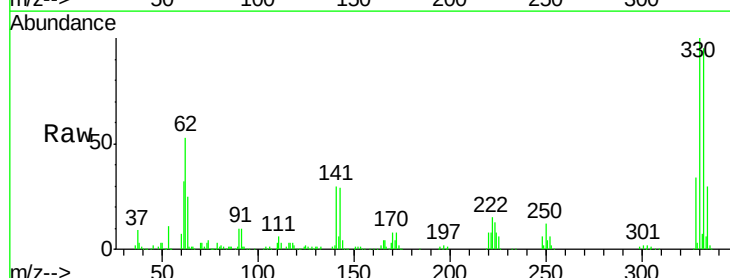
Tgt Ion:330 Resp: 442033

Ion Ratio Lower Upper

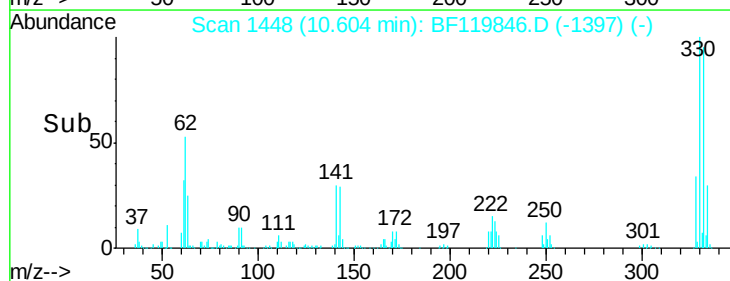
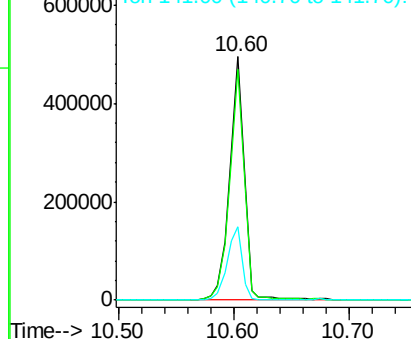
330 100

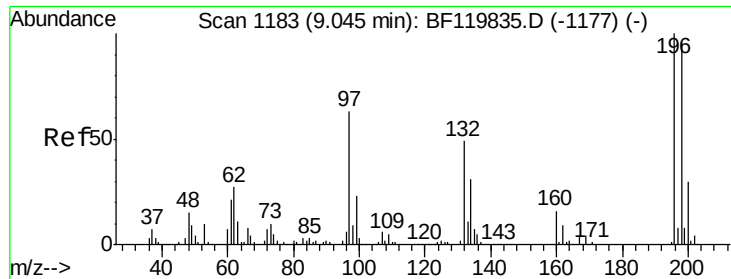
332 94.2 76.8 115.2

141 31.0 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

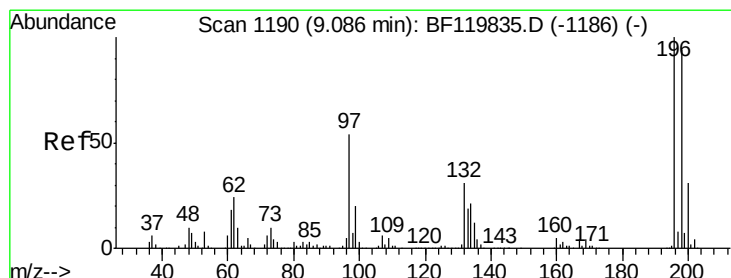
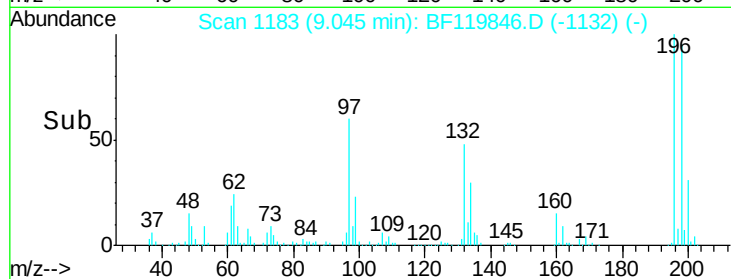
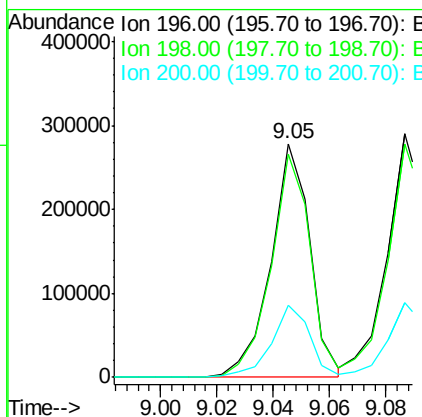
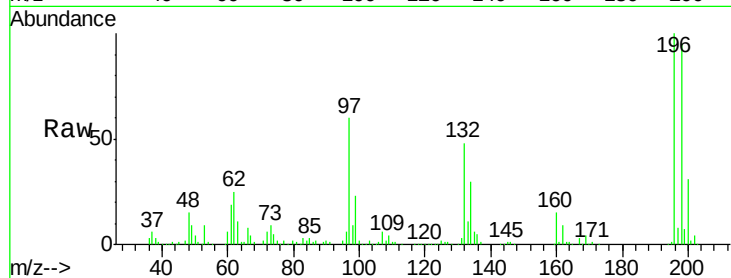




#43
 2,4,6-Trichlorophenol
 Concen: 36.811 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

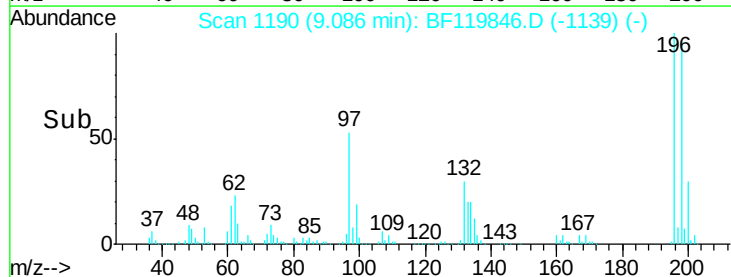
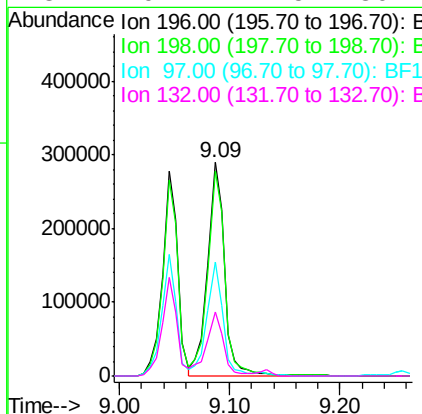
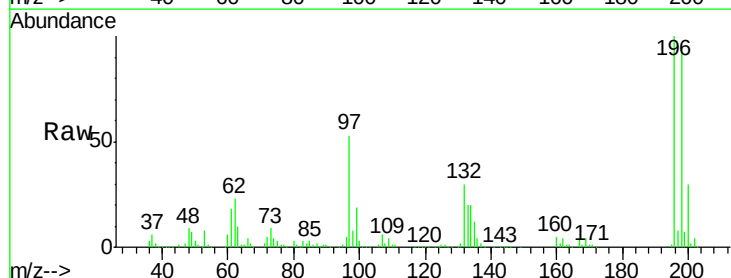
Instrument :
 BNA_F
 ClientSampled :

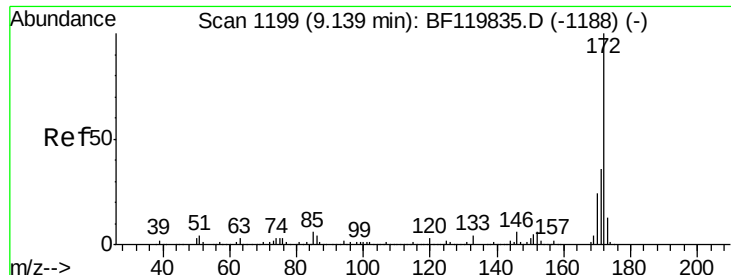
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	115.0
200	31.0	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 36.785 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.1	112.7
97	53.2	43.4	65.2
132	29.7	24.5	36.7

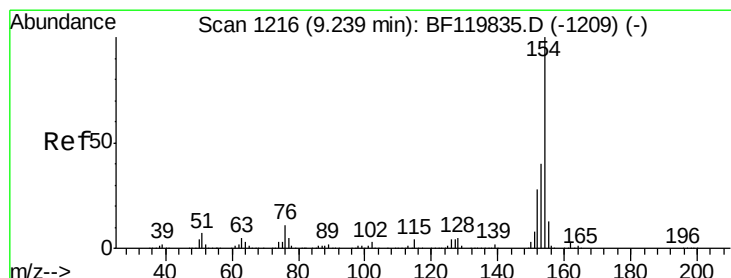
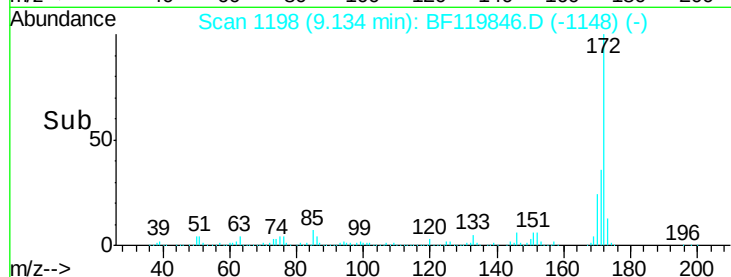
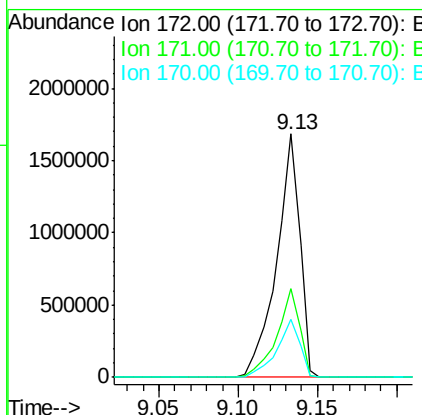
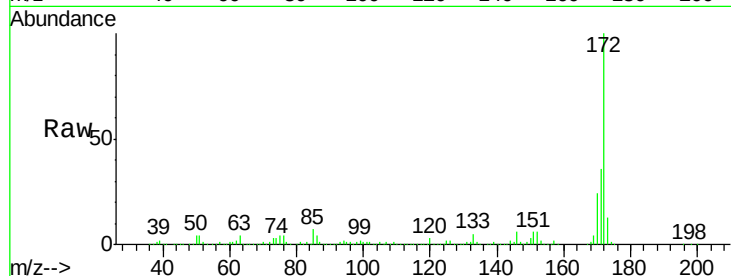




#45
2-Fluorobiphenyl
Concen: 73.067 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

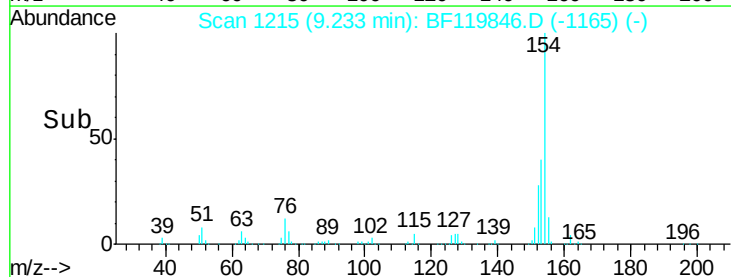
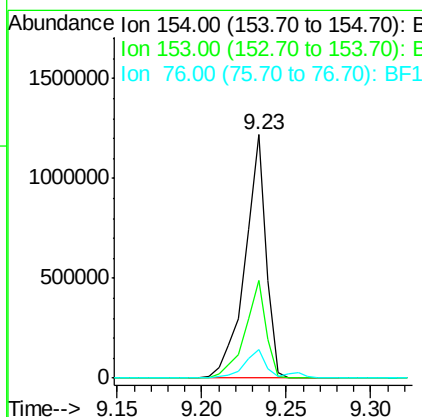
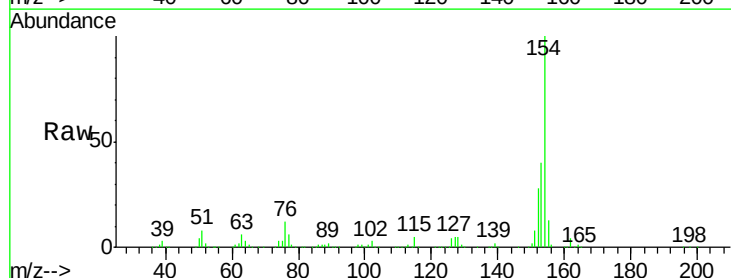
Instrument :
BNA_F
ClientSampleId :

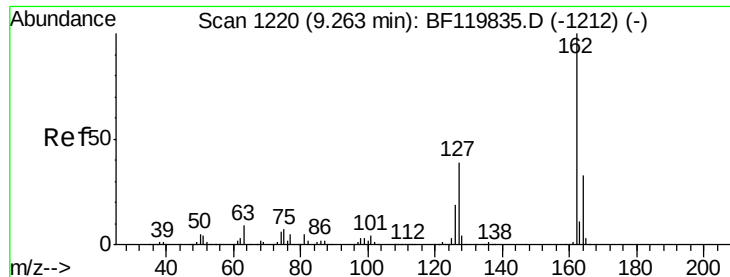
Tot Ion:172 Resp: 1713951
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.1 19.4 29.2



#46
1,1'-Biphenyl
Concen: 37.665 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:154 Resp: 1058770
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 11.8 0.0 30.6

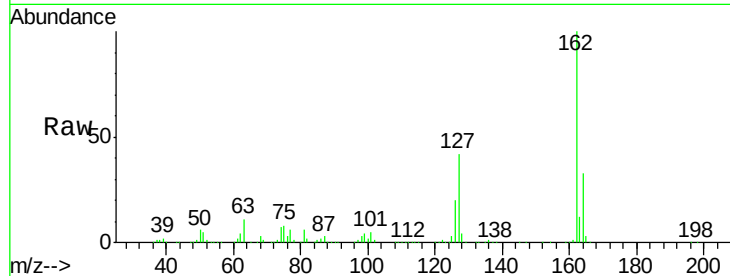




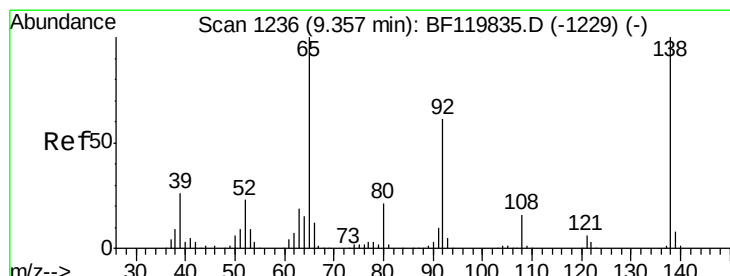
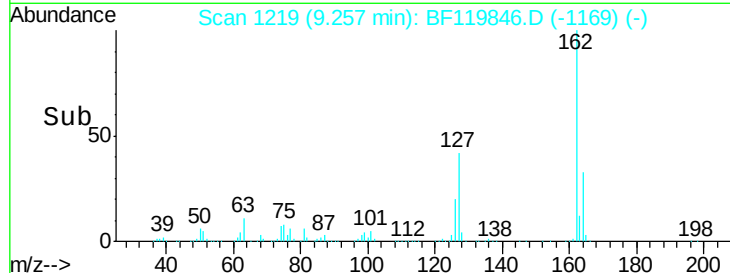
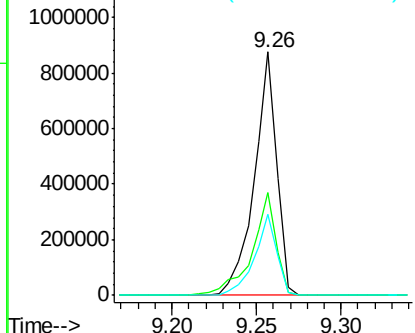
#47
2-Chloronaphthalene
Concen: 37.592 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 814057
Ion Ratio Lower Upper
162 100
127 42.0 31.2 46.8
164 33.4 26.3 39.5

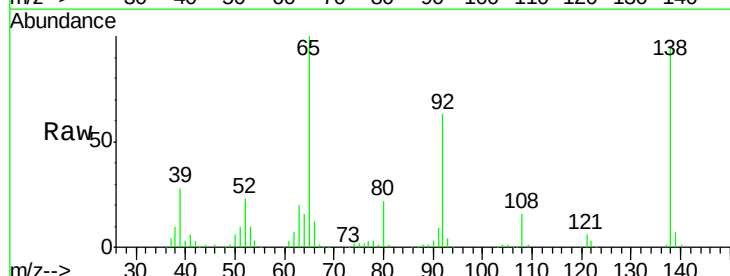


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

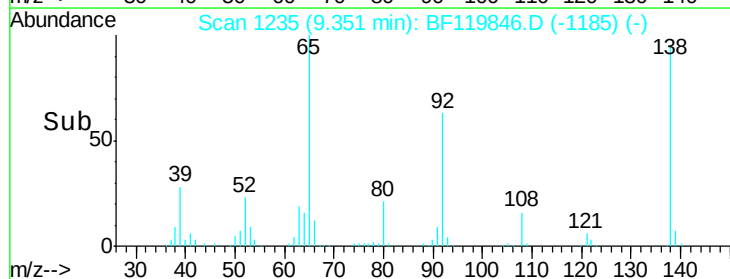
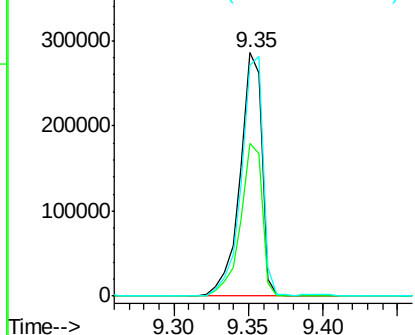


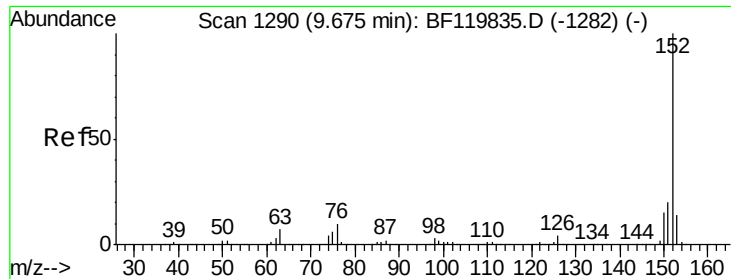
#48
2-Nitroaniline
Concen: 36.958 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion: 65 Resp: 290028
Ion Ratio Lower Upper
65 100
92 62.9 49.0 73.6
138 94.6 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: 42.790 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

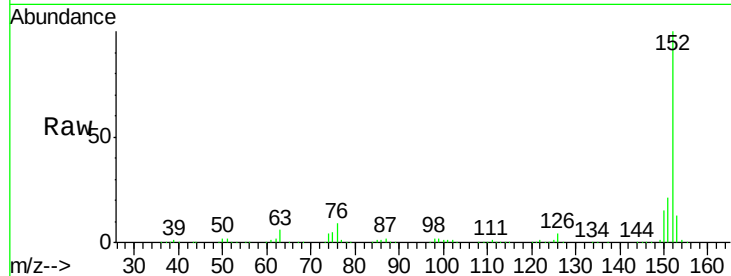
Tot Ion:152 Resp: 1409216

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

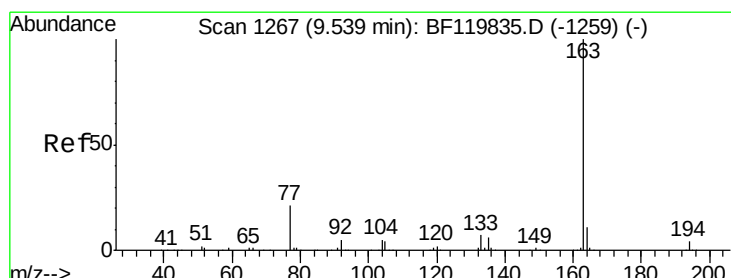
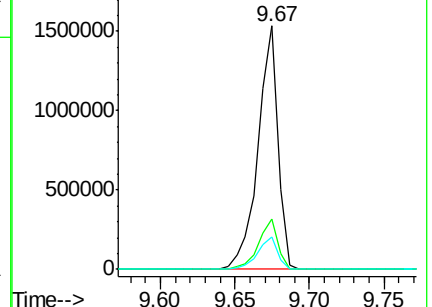
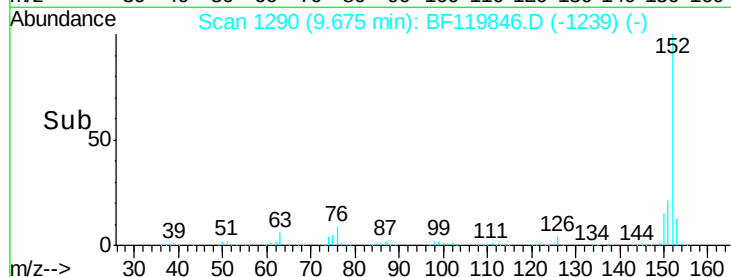
153 13.2 10.9 16.3



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: 40.696 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

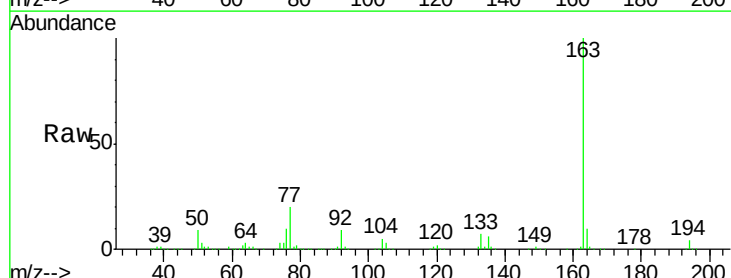
Tgt Ion:163 Resp: 1048344

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

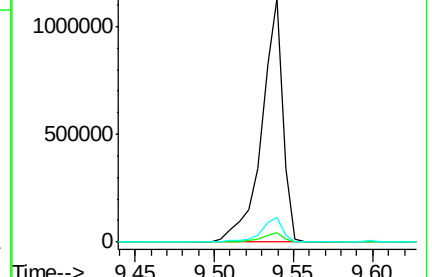
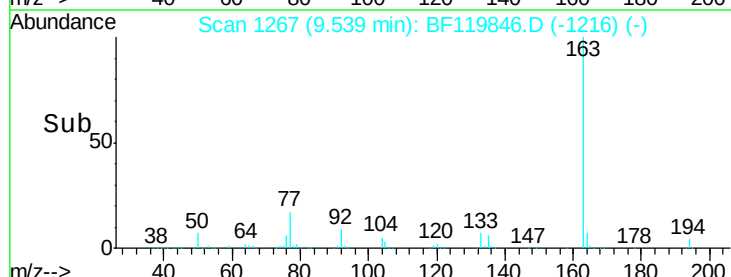
164 10.1 8.4 12.6

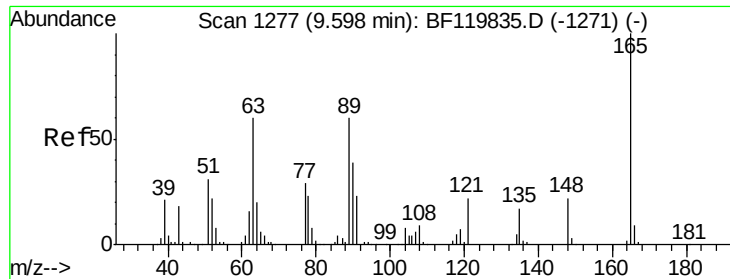


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.398 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

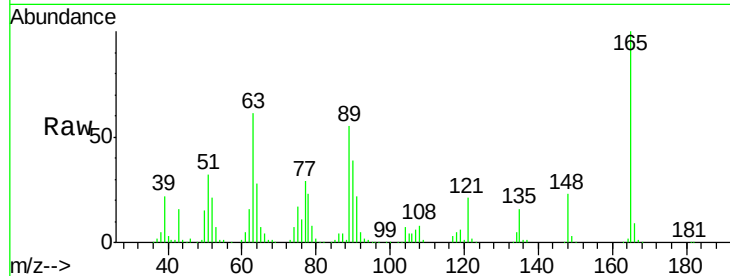
Tot Ion:165 Resp: 233528

Ion Ratio Lower Upper

165 100

63 61.3 55.6 83.4

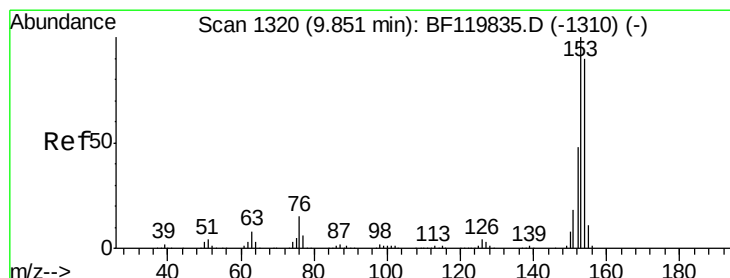
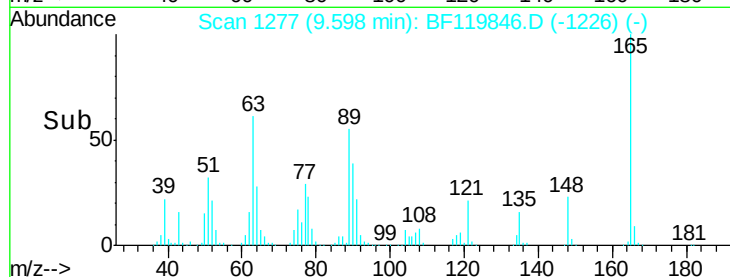
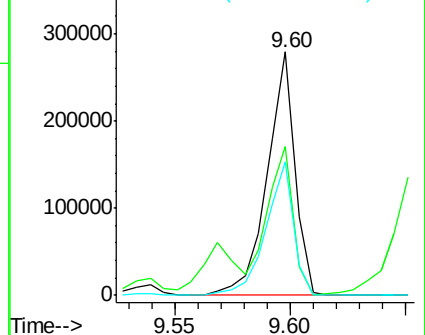
89 54.8 47.9 71.9



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: 39.164 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

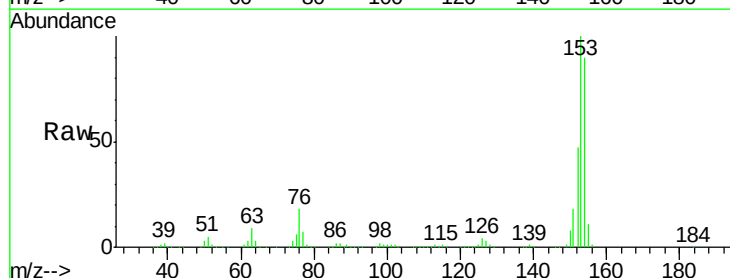
Tgt Ion:154 Resp: 860382

Ion Ratio Lower Upper

154 100

153 111.5 88.8 133.2

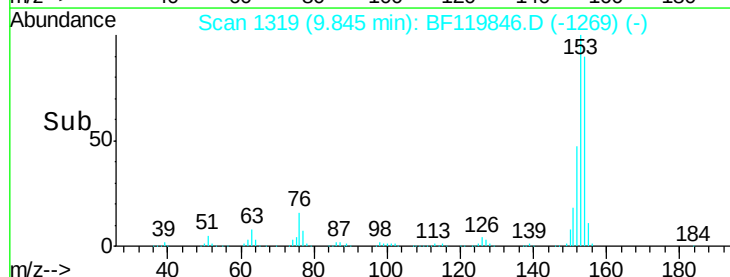
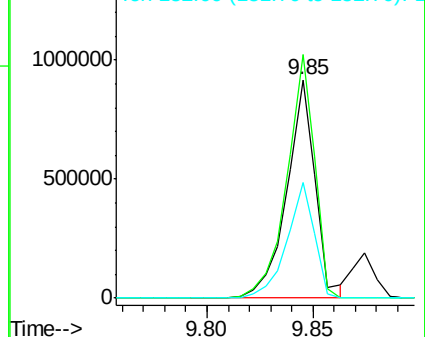
152 52.9 42.4 63.6

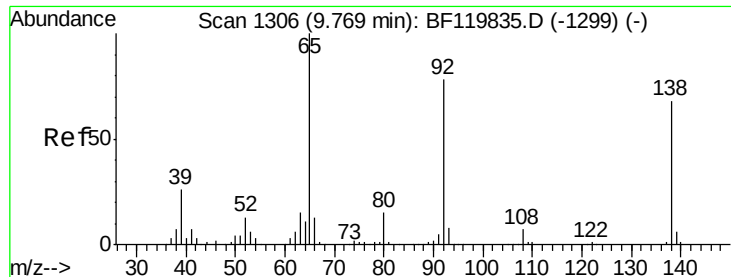


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

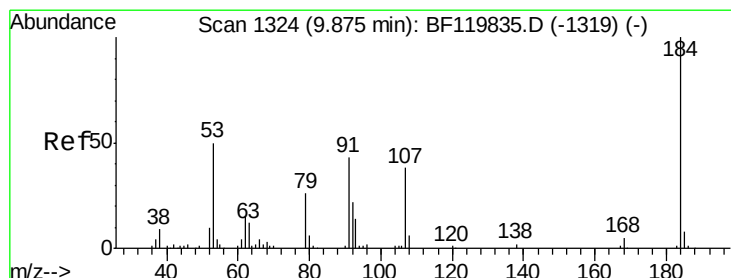
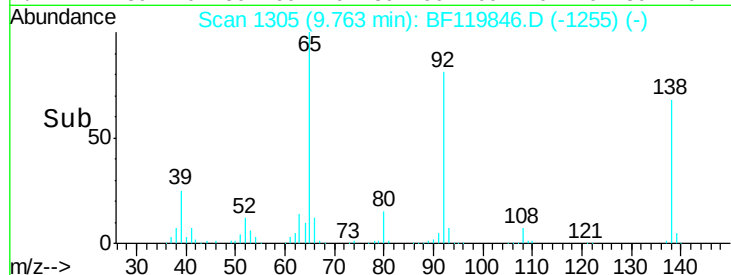
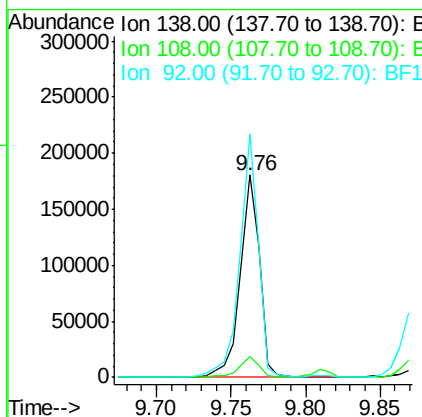
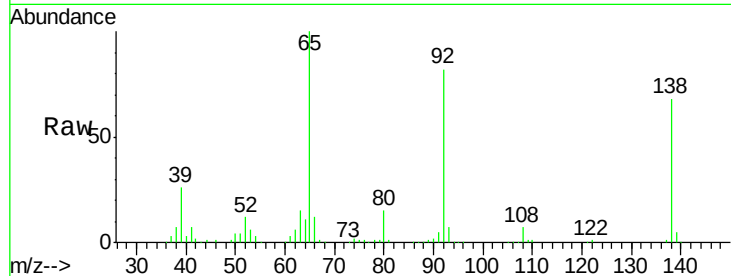




#53
 3-Nitroaniline
 Concen: 25.350 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

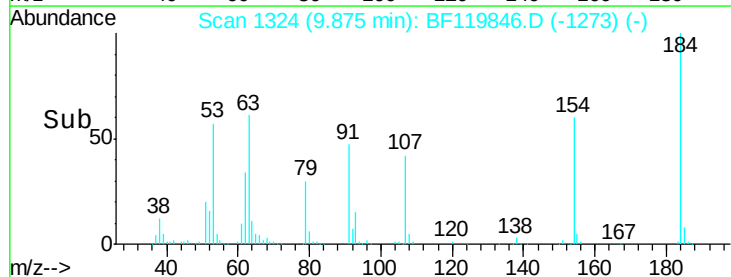
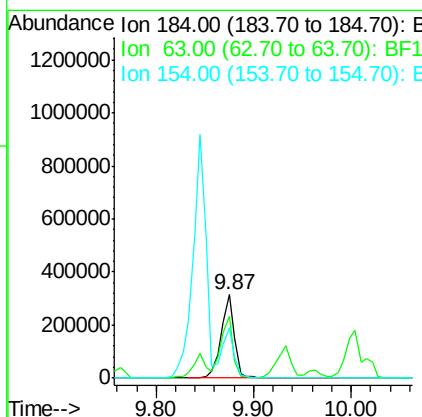
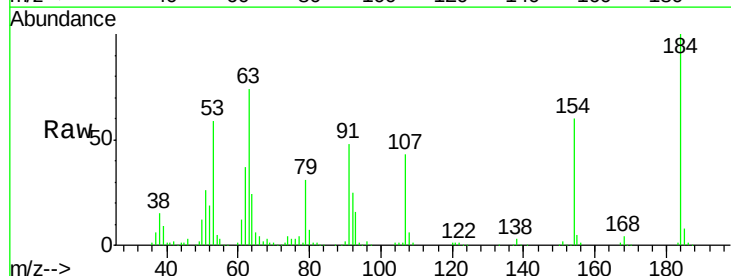
Instrument :
 BNA_F
 ClientSampleId :

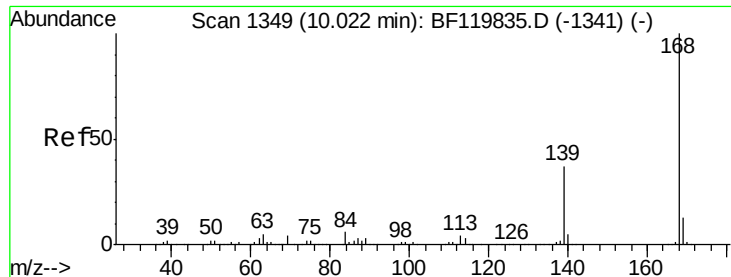
Tot Ion:138 Resp: 163318
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.0 12.0
 92 120.2 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 88.077 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:184 Resp: 297462
 Ion Ratio Lower Upper
 184 100
 63 73.6 49.8 74.6
 154 60.0 46.5 69.7

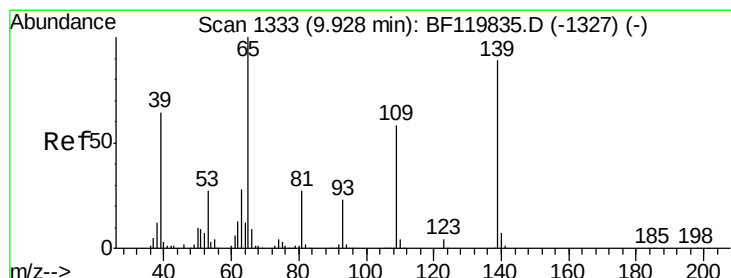
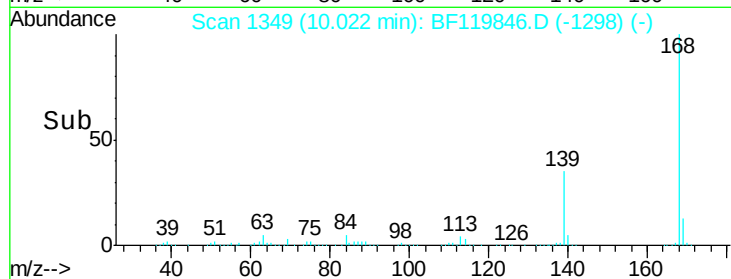
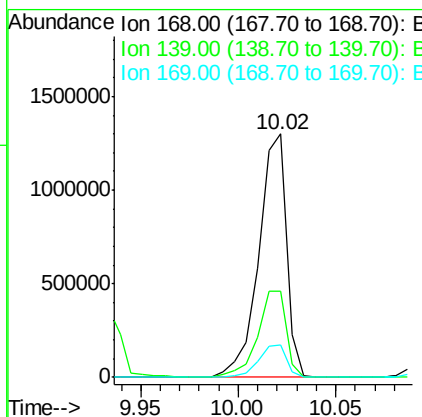
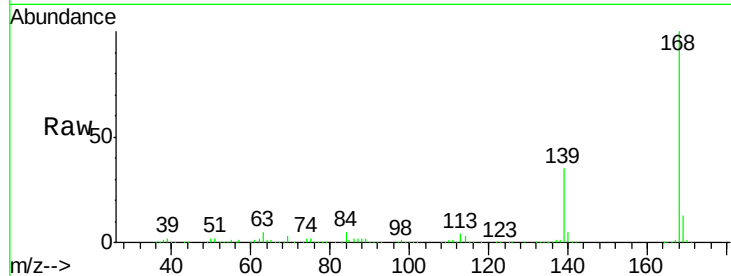




#55
Dibenzofuran
Concen: 42.520 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

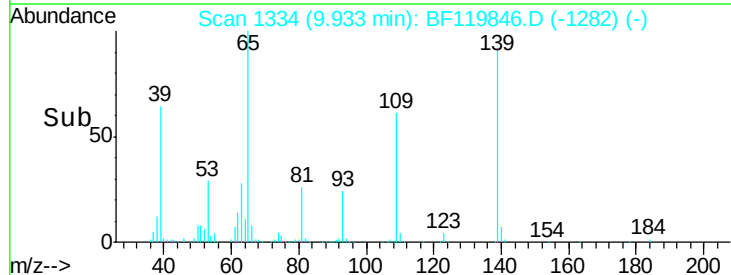
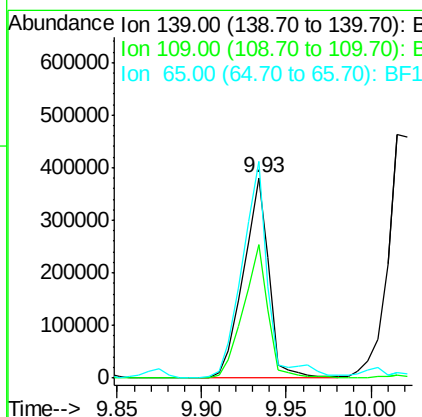
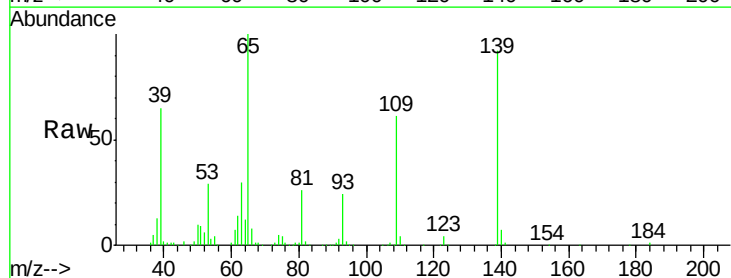
Instrument :
BNA_F
ClientSampleId :

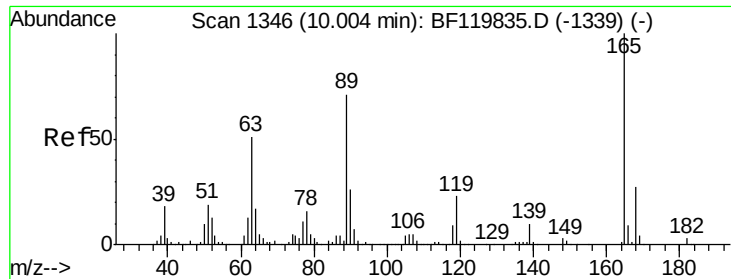
Tot Ion:168 Resp: 1281818
Ion Ratio Lower Upper
168 100
139 35.2 29.8 44.6
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 84.313 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:139 Resp: 404165
Ion Ratio Lower Upper
139 100
109 66.6 45.5 85.5
65 108.5 92.3 132.3

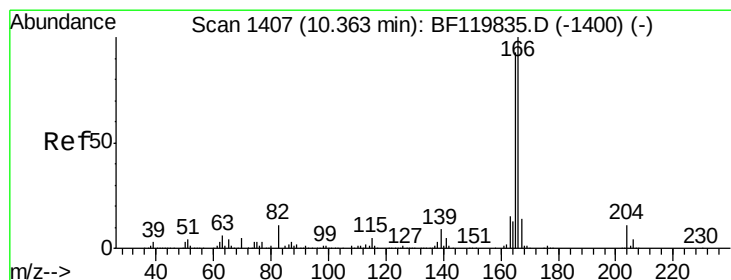
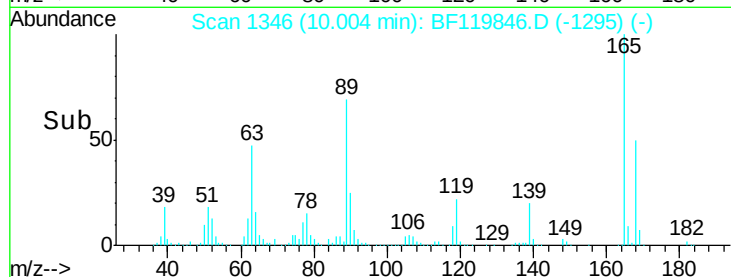
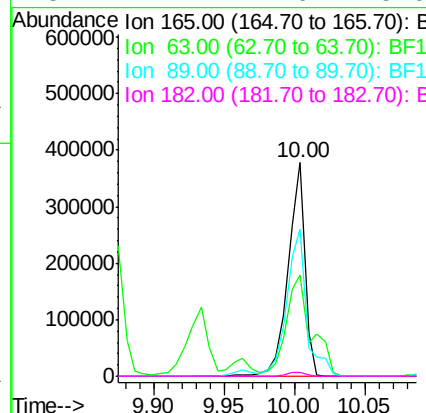
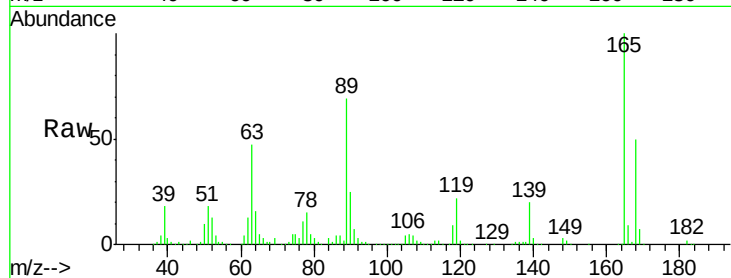




#57
 2,4-Dinitrotoluene
 Concen: 42.321 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

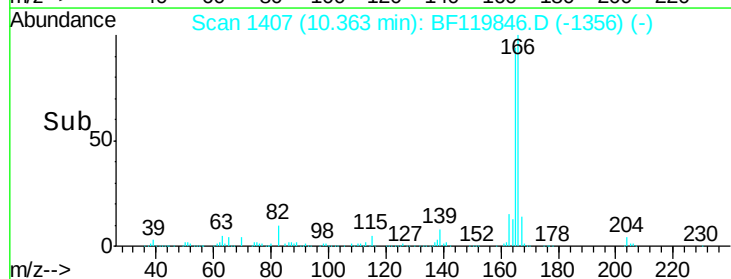
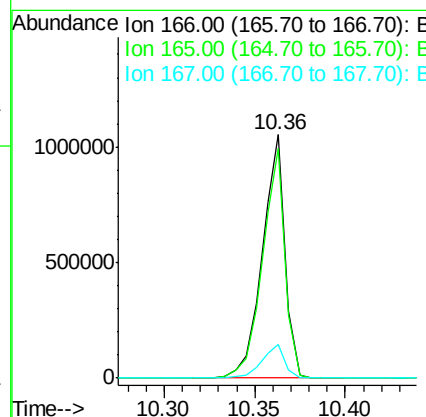
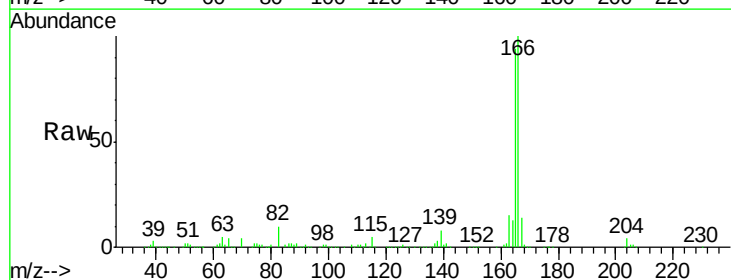
Instrument :
 BNA_F
 ClientSampled :

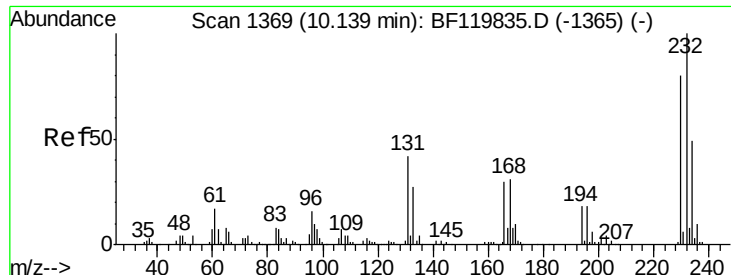
Tot Ion:165	Resp:	314535
Ion Ratio	Lower	Upper
165	100	
63	47.4	40.8 61.2
89	68.8	56.9 85.3
182	2.1	2.0 3.0



#58
 Fluorene
 Concen: 37.738 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:166	Resp:	909834
Ion Ratio	Lower	Upper
166	100	
165	94.4	74.2 111.2
167	13.9	10.8 16.2

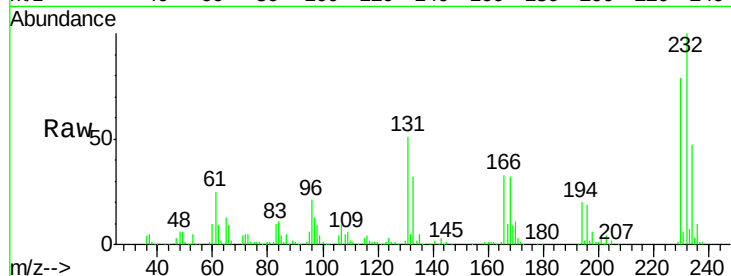




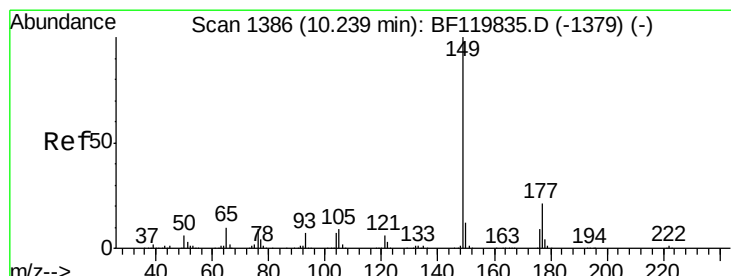
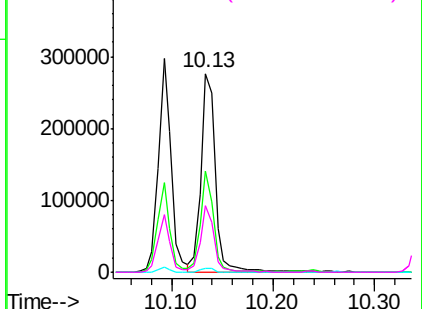
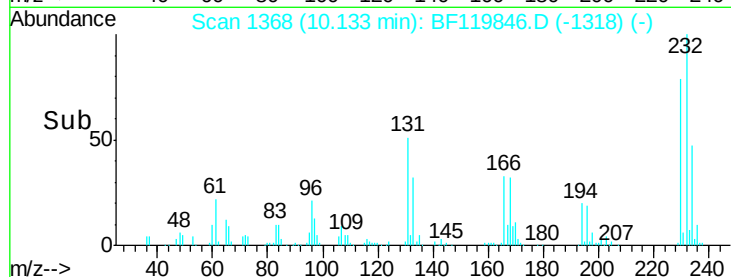
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.458 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 271920
 Ion Ratio Lower Upper
 232 100
 131 47.0 37.9 56.9
 130 2.0 1.8 2.6
 166 30.7 25.4 38.0

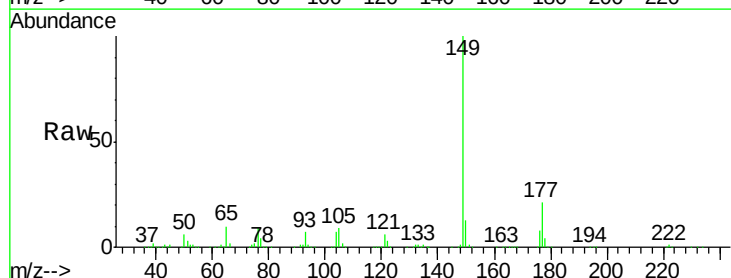


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

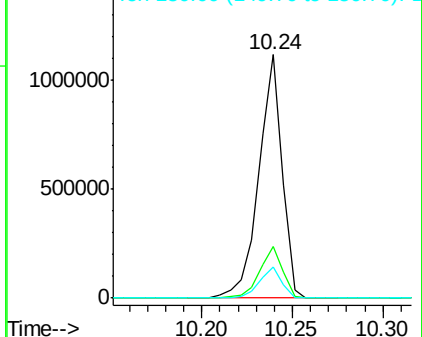
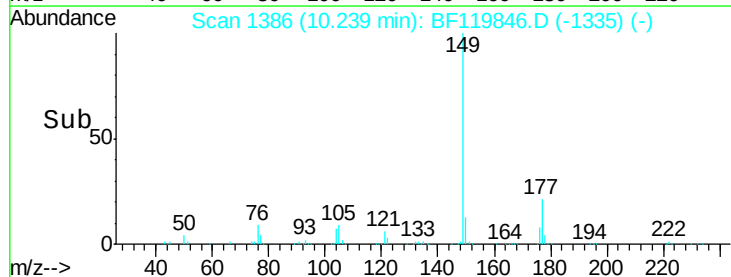


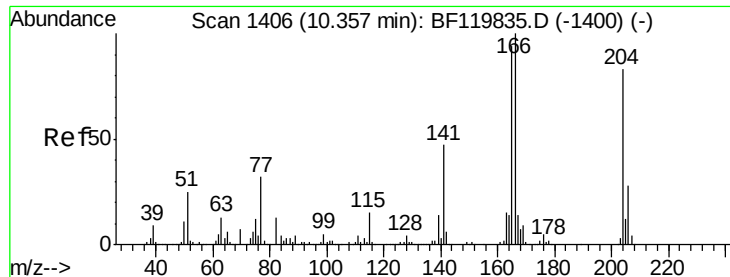
#60
 Diethylphthalate
 Concen: 37.538 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:149 Resp: 1002224
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.8 25.2
 150 12.7 9.8 14.6



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

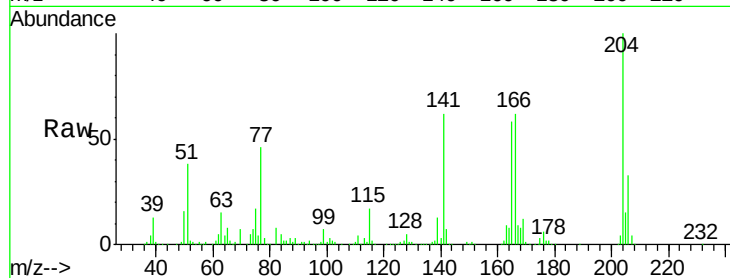




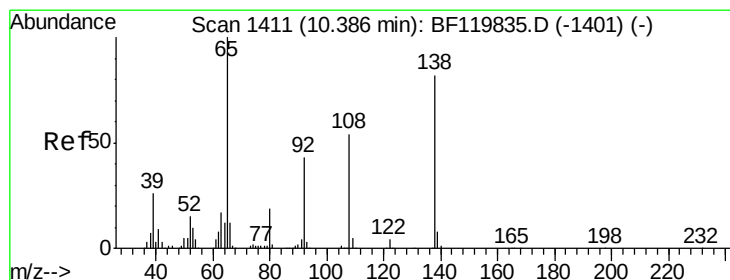
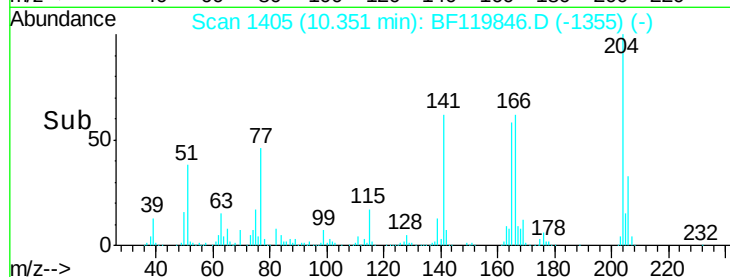
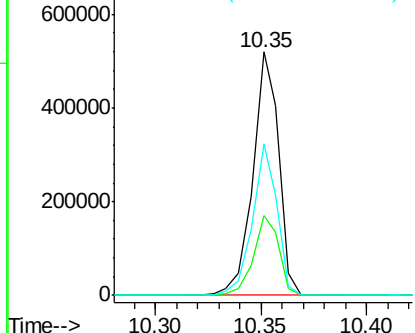
#61
 4-Chlorophenyl-phenylether
 Concen: 35.634 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 440326
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.7 40.1
 141 62.3 45.8 68.8

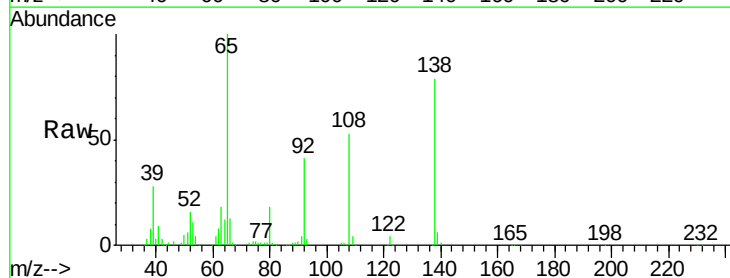


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

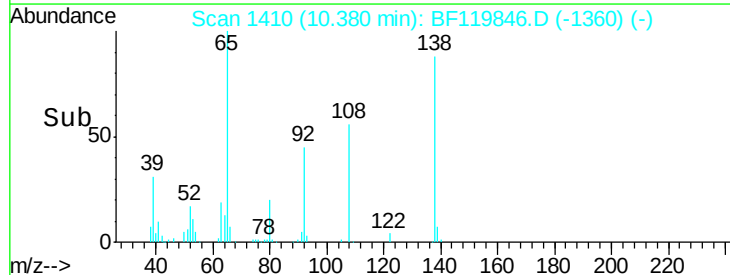
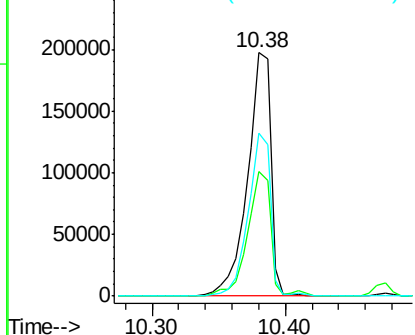


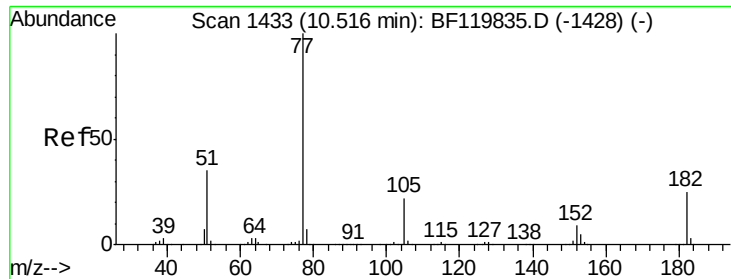
#62
 4-Nitroaniline
 Concen: 38.237 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:138 Resp: 234771
 Ion Ratio Lower Upper
 138 100
 92 51.0 31.6 71.6
 108 66.8 45.2 85.2



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





#63

Azobenzene

Concen: 40.094 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 959327

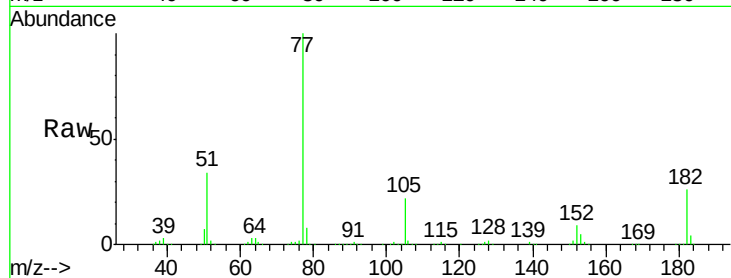
Ion Ratio Lower Upper

77 100

182 25.6 4.5 44.5

105 22.3 2.2 42.2

51 33.5 15.1 55.1

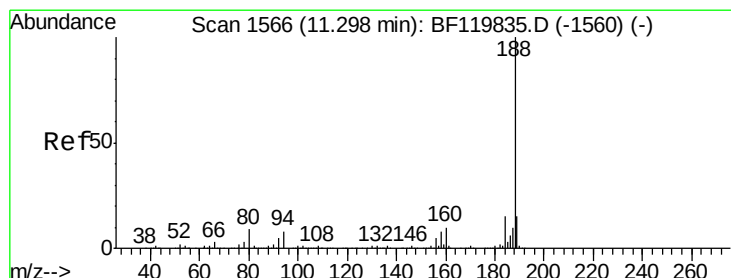
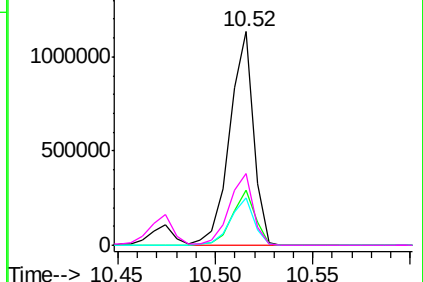
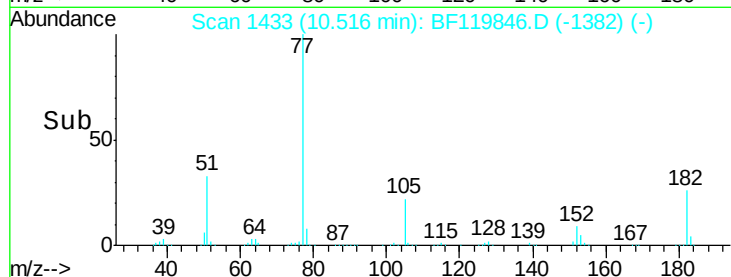


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

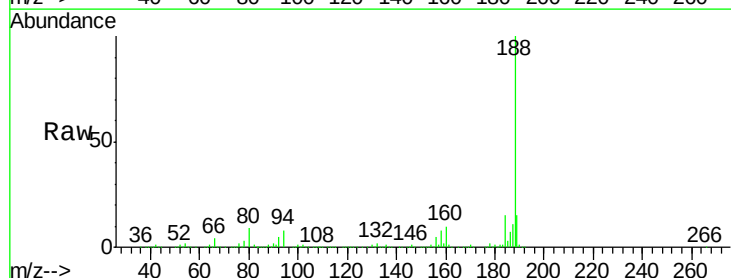
Tgt Ion: 188 Resp: 605270

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

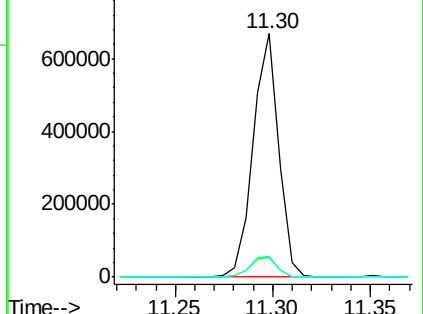
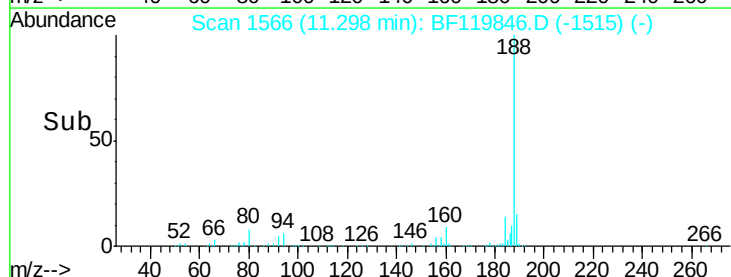
80 8.6 7.4 11.2

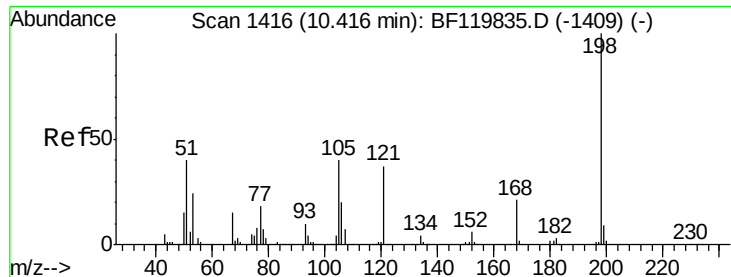


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

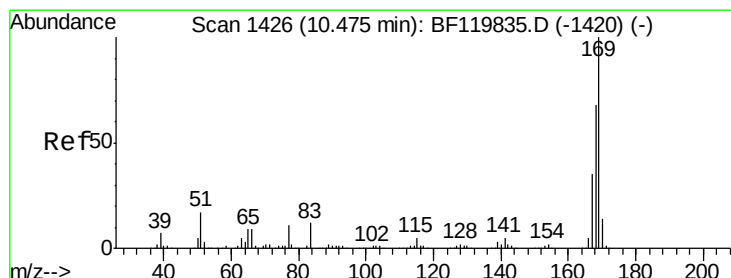
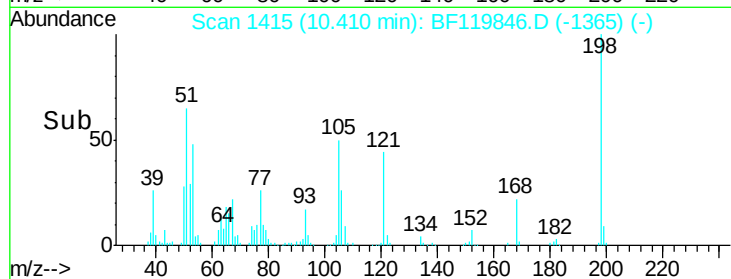
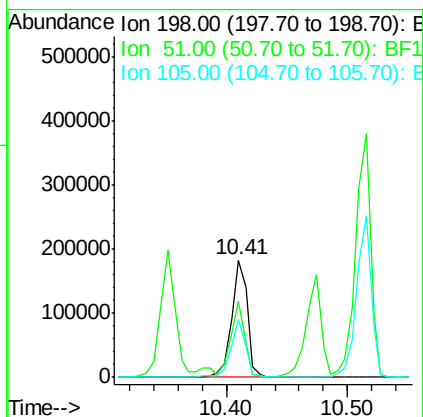
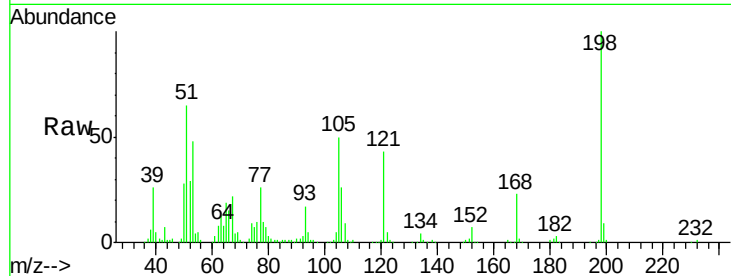




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.011 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

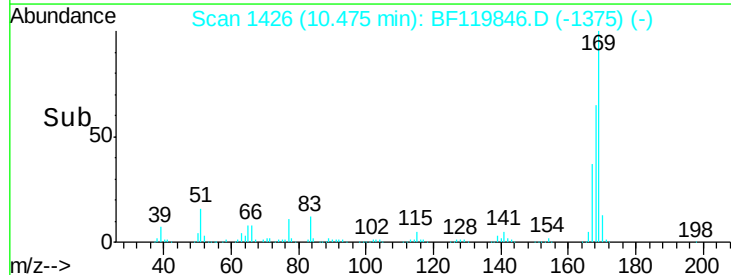
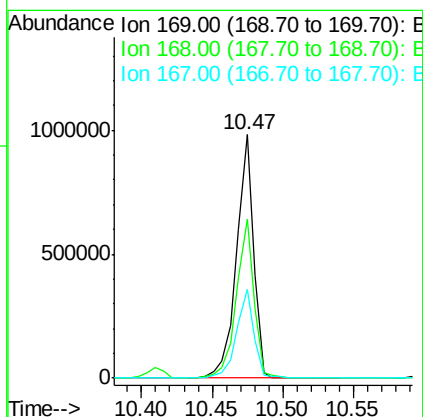
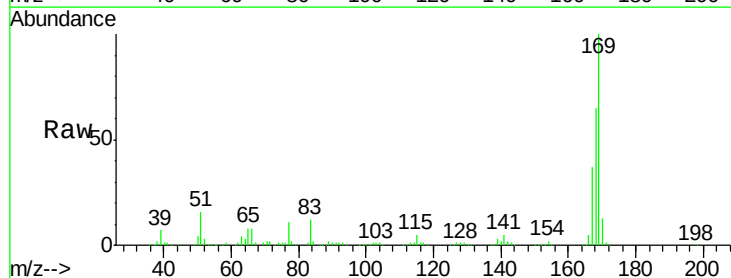
Instrument :
 BNA_F
 ClientSampleId :

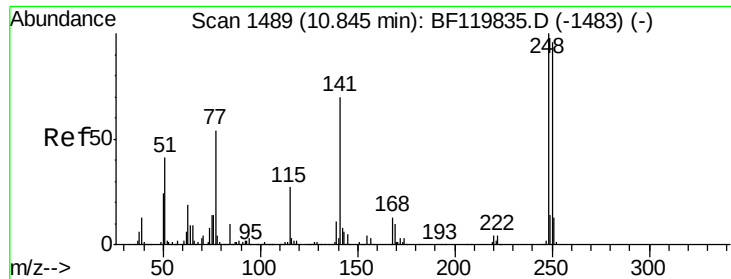
Tot Ion:198 Resp: 167523
 Ion Ratio Lower Upper
 198 100
 51 65.1 25.2 65.2
 105 50.0 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 41.088 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:169 Resp: 827089
 Ion Ratio Lower Upper
 169 100
 168 65.4 54.2 81.4
 167 36.6 28.3 42.5

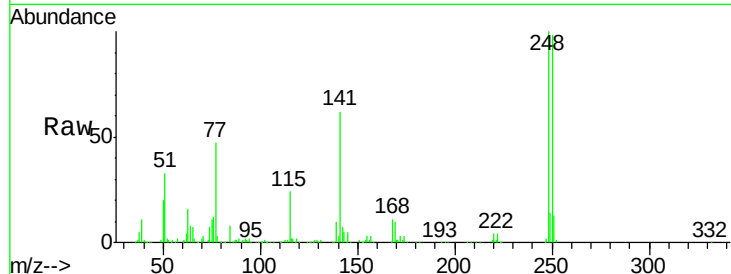




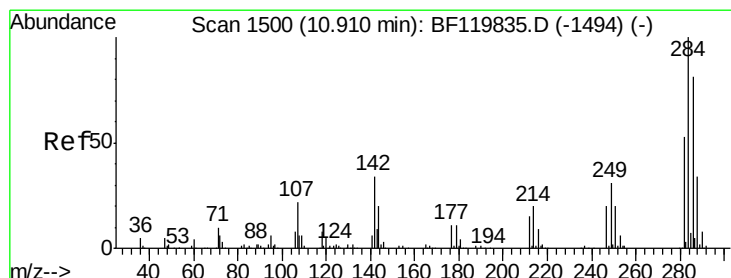
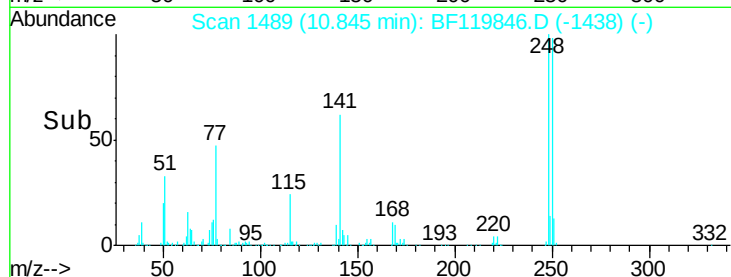
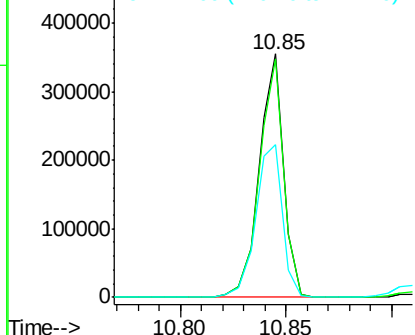
#67
4-Bromophenyl-phenylether
Concen: 37.719 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.6	114.8
141	62.5	55.9	83.9

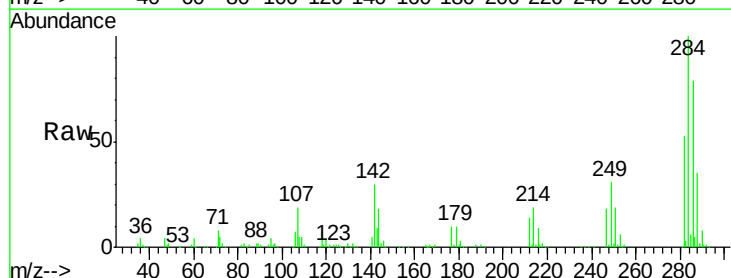


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

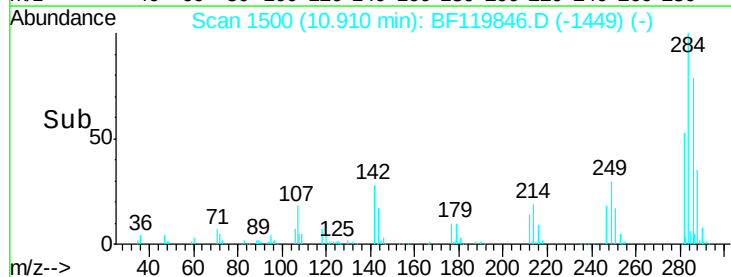
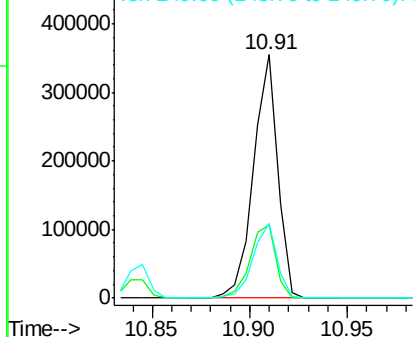


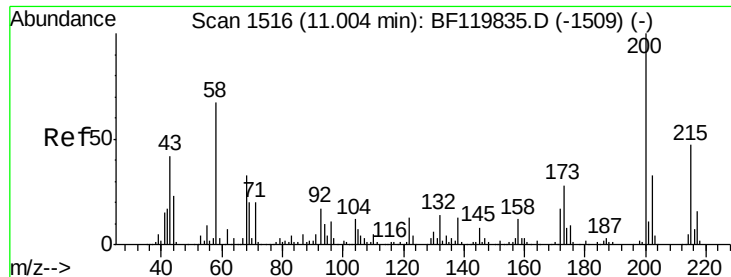
#68
Hexachlorobenzene
Concen: 40.000 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.9	40.3
249	30.8	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

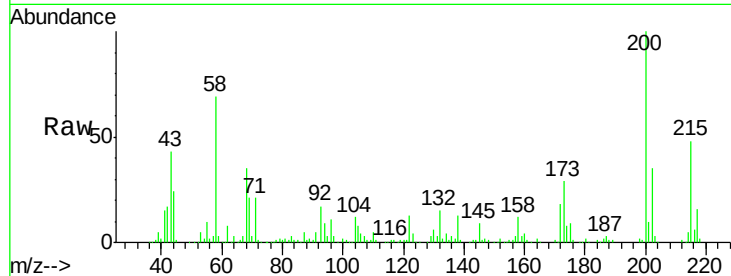




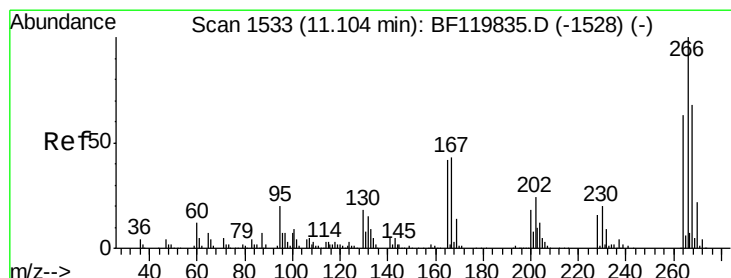
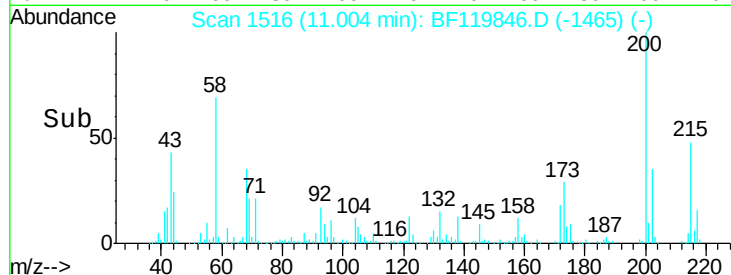
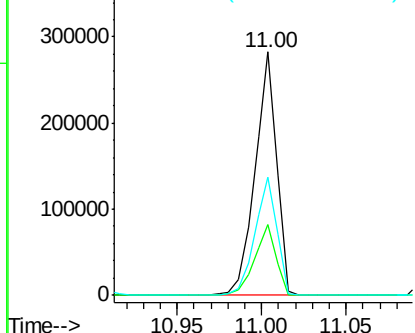
#69
Atrazine
Concen: 45.213 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 253221
Ion Ratio Lower Upper
200 100
173 29.3 8.0 48.0
215 48.5 27.1 67.1

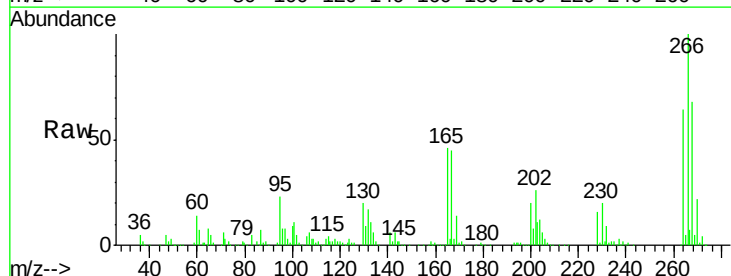


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

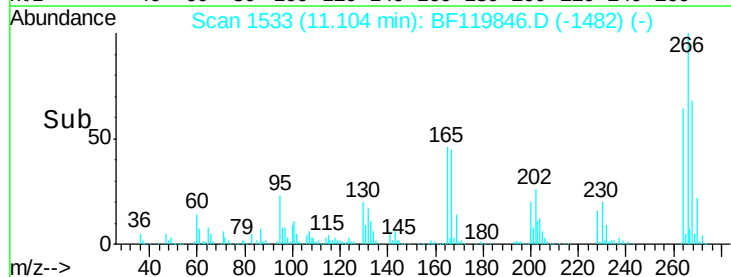
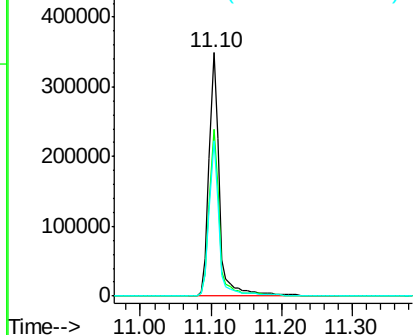


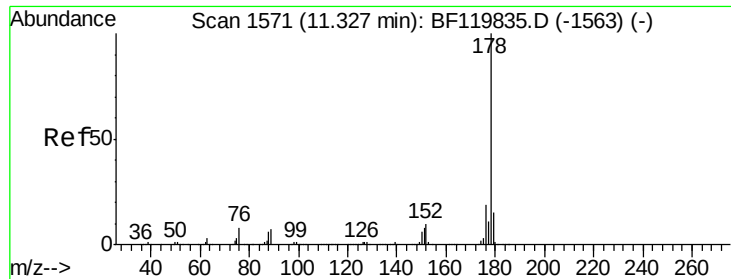
#70
Pentachlorophenol
Concen: 81.417 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:266 Resp: 358271
Ion Ratio Lower Upper
266 100
268 68.4 54.2 81.4
264 63.5 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

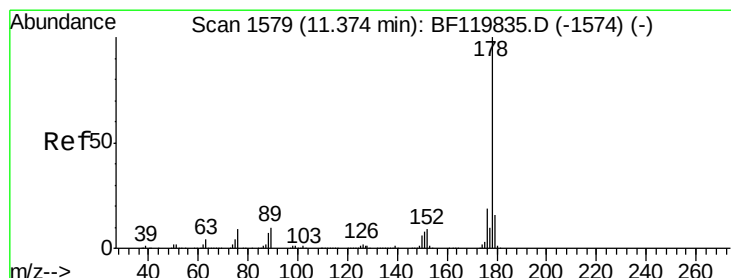
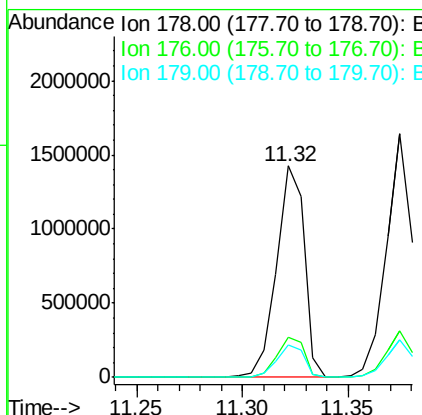
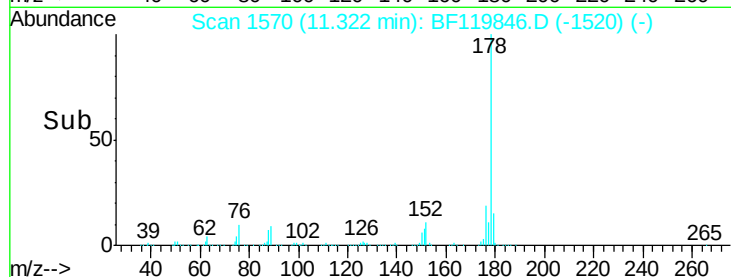
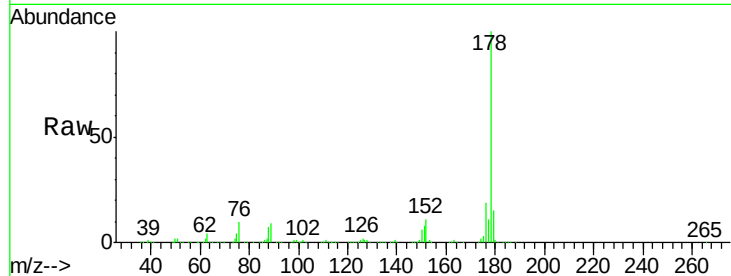




#71
Phenanthrene
Concen: 40.638 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

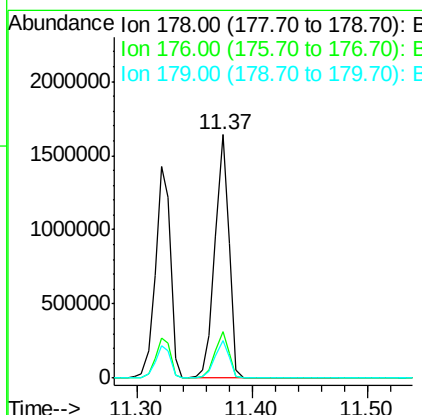
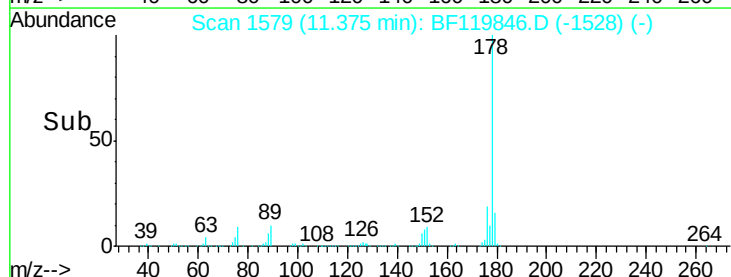
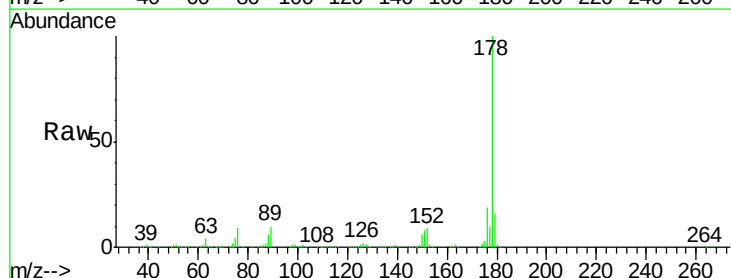
Instrument :
BNA_F
ClientSampleId :

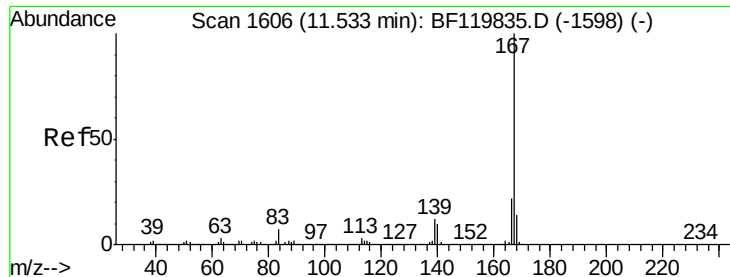
Tot Ion:178 Resp: 1309080
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 12.2 18.4



#72
Anthracene
Concen: 42.111 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:178 Resp: 1385784
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.8 19.2

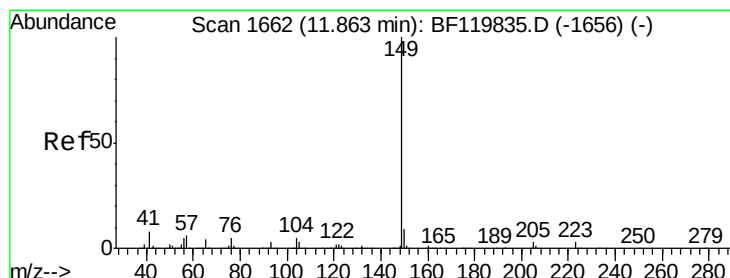
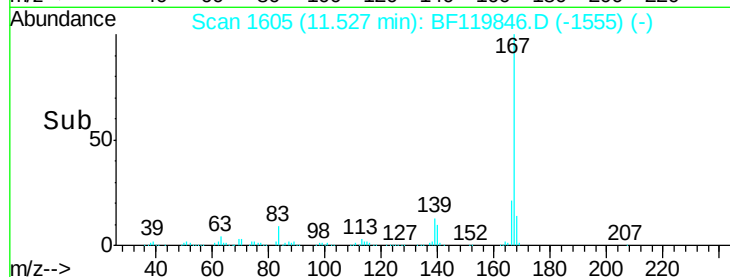
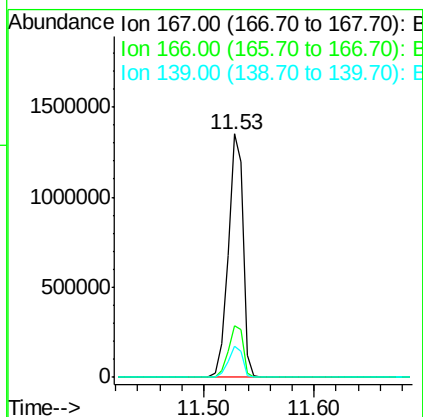
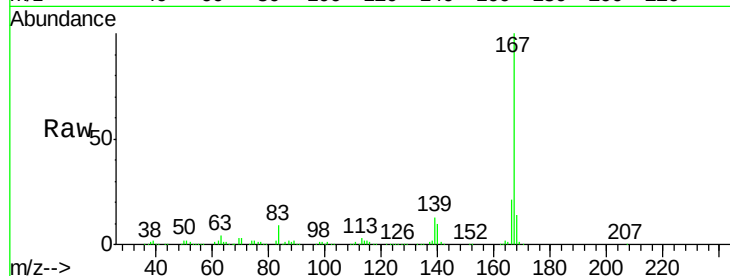




#73
 Carbazole
 Concen: 40.742 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

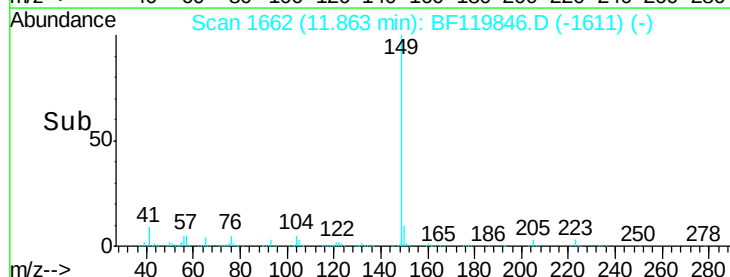
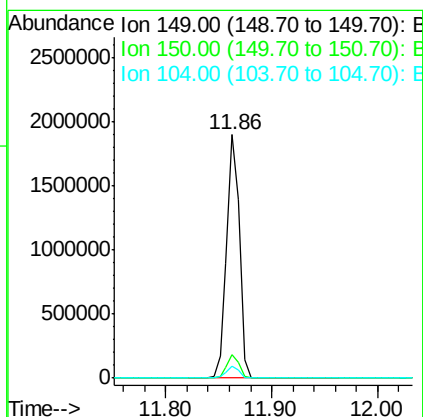
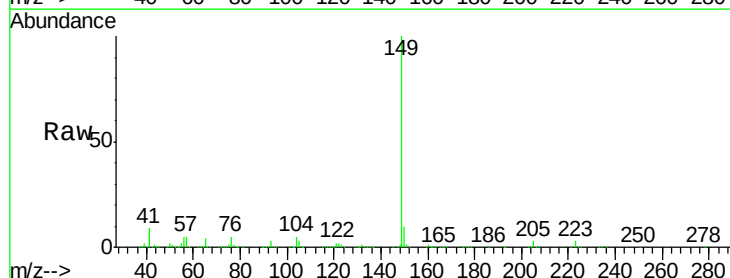
Instrument :
 BNA_F
 ClientSampleId :

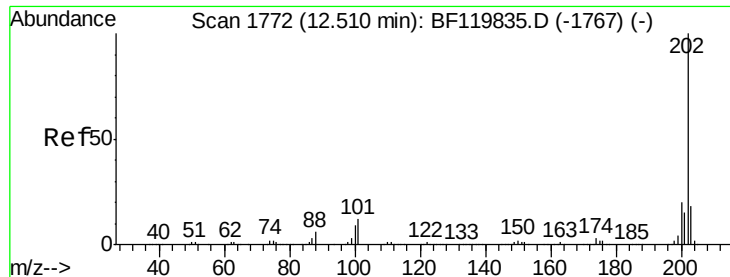
Tot Ion:167 Resp: 1267893
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.7 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 39.174 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:149 Resp: 1602613
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.7 3.8 5.6

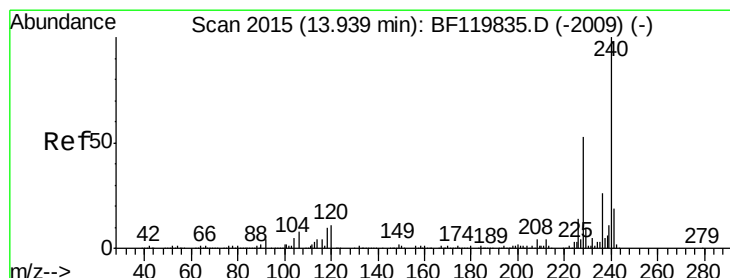
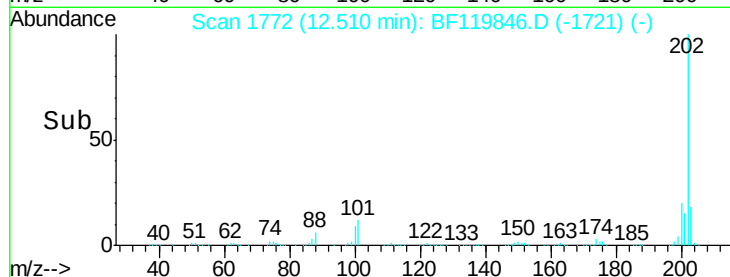
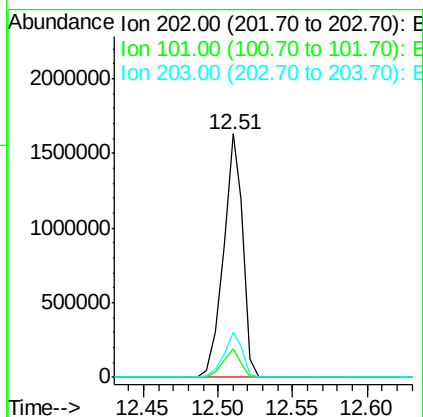
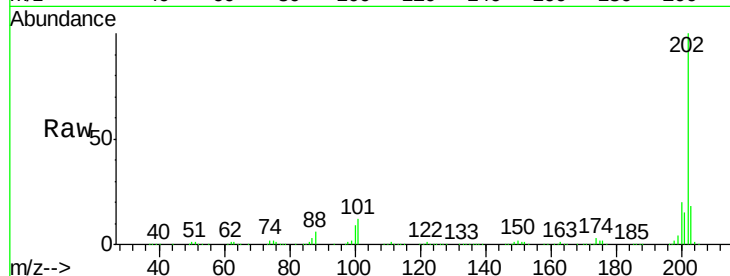




#75
 Fluoranthene
 Concen: 42.627 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

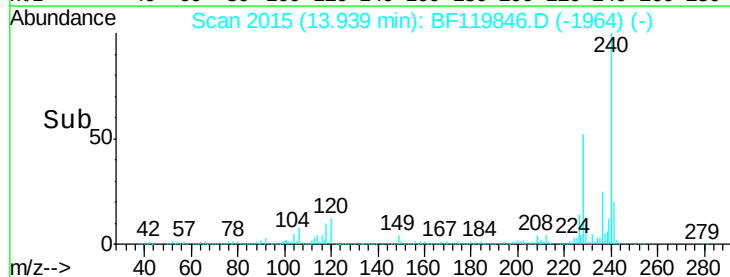
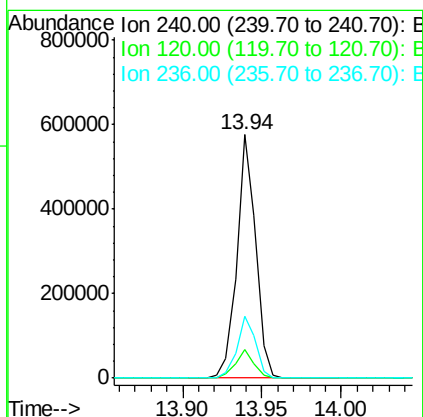
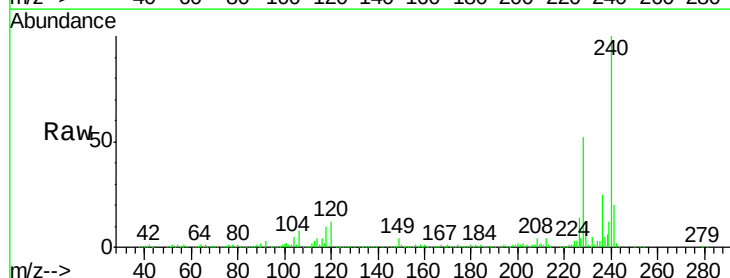
Instrument :
 BNA_F
 ClientSampleId :

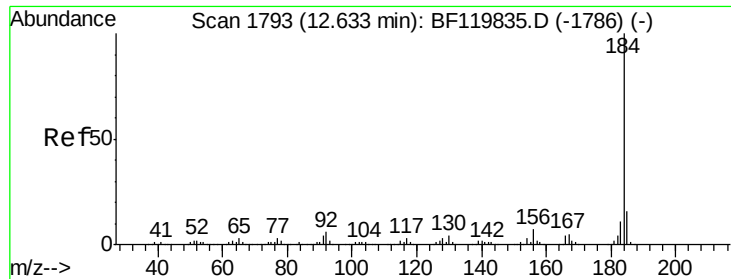
Tot Ion:202 Resp: 1481614
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.3
 203 18.3 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF119846.D
 Acq: 9 Apr 2020 1:38

Tgt Ion:240 Resp: 473722
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.0 13.6
 236 25.3 20.7 31.1





#77

Benzidine

Concen: 39.289 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

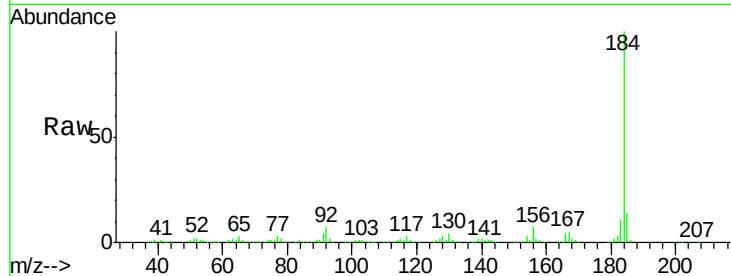
Tot Ion:184 Resp: 629141

Ion Ratio Lower Upper

184 100

185 14.5 13.2 19.8

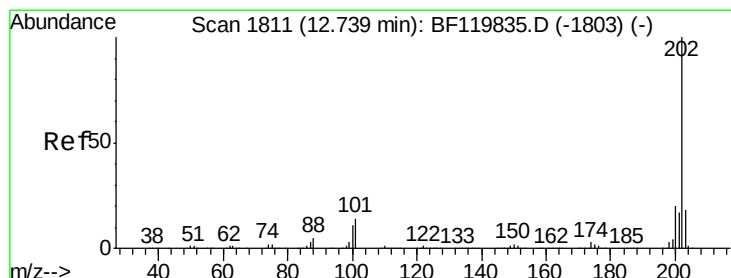
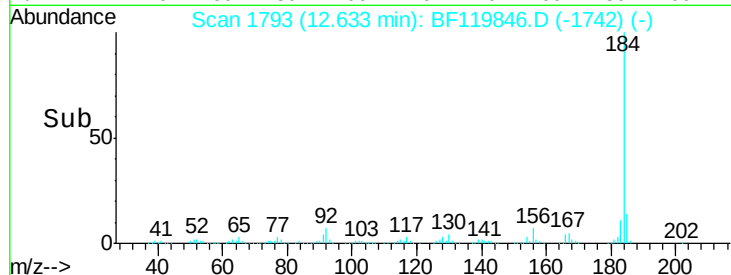
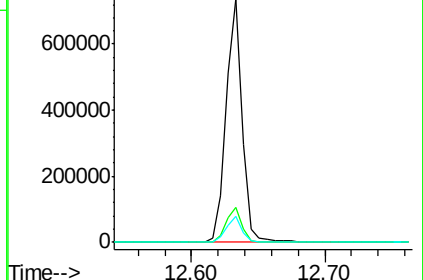
183 10.9 9.1 13.7



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: 38.238 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

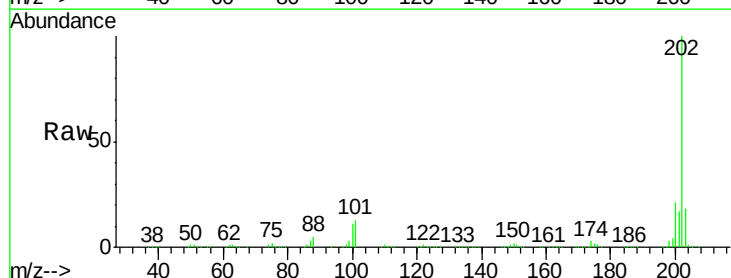
Tgt Ion:202 Resp: 1527050

Ion Ratio Lower Upper

202 100

200 21.0 16.2 24.2

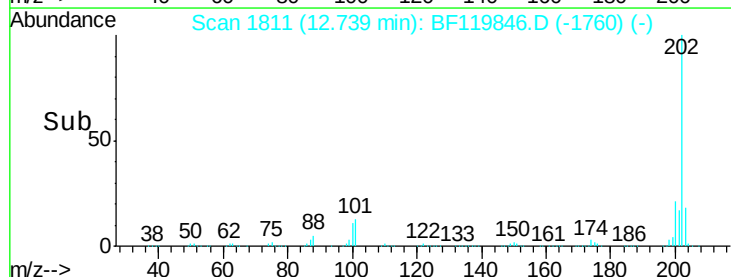
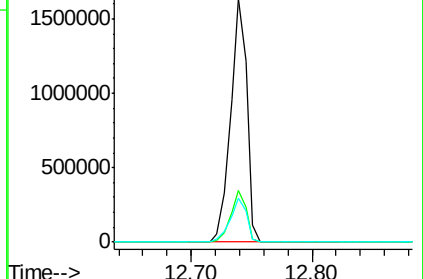
203 18.1 14.1 21.1

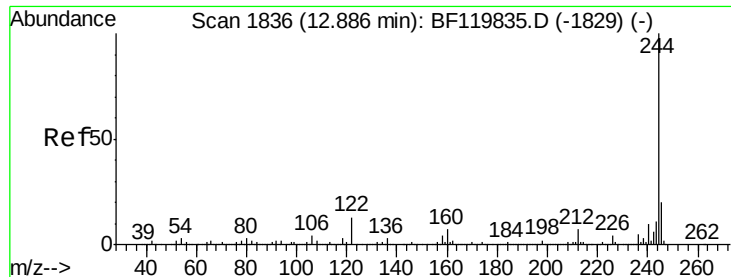


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.650 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampled :

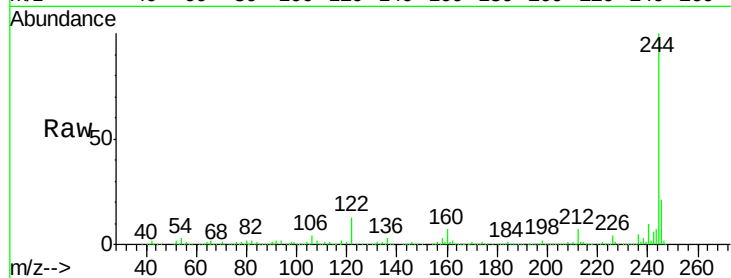
Tot Ion:244 Resp: 2101633

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

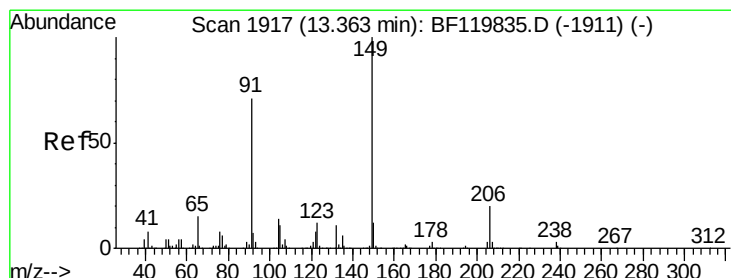
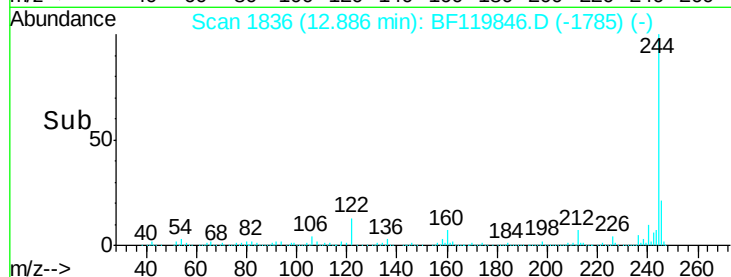
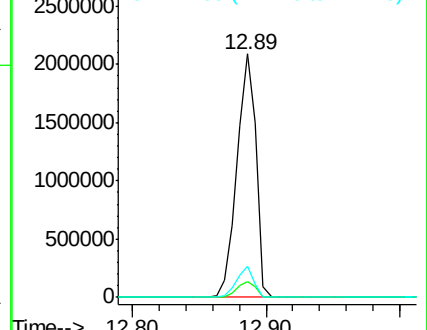
122 12.8 10.3 15.5



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: 36.163 ng

RT: 13.36 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

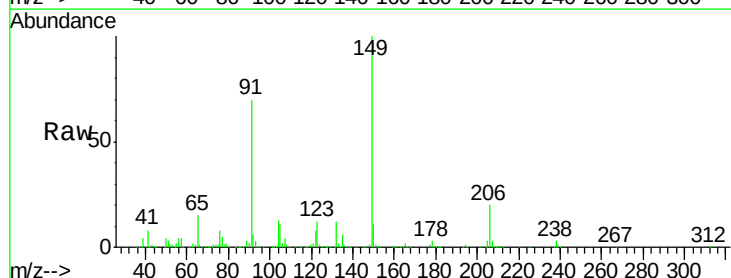
Tgt Ion:149 Resp: 700772

Ion Ratio Lower Upper

149 100

91 70.5 56.7 85.1

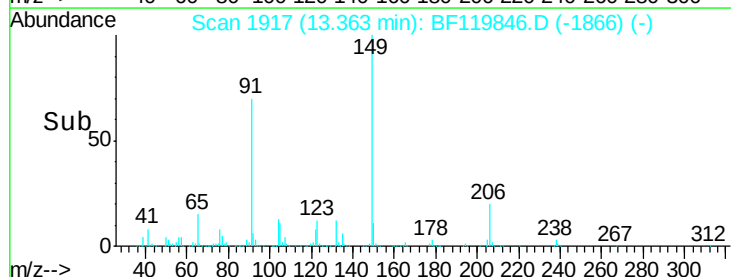
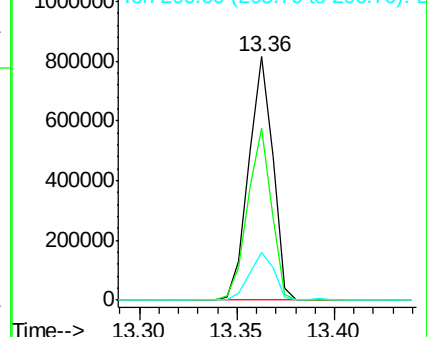
206 19.8 15.7 23.5

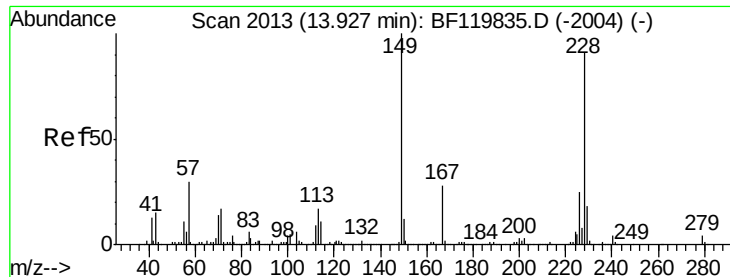


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.179 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

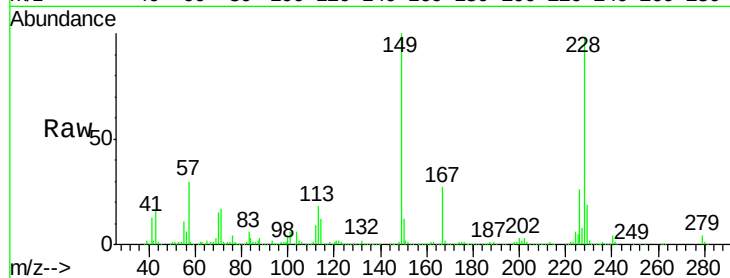
Tot Ion:228 Resp: 1252170

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

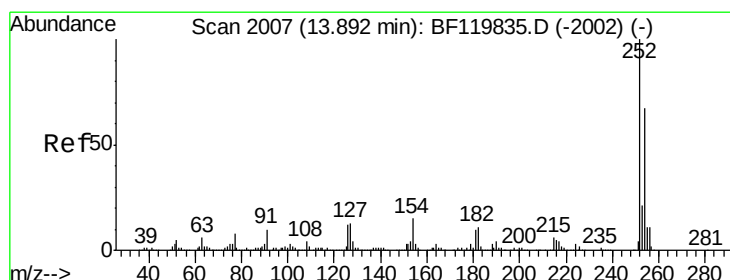
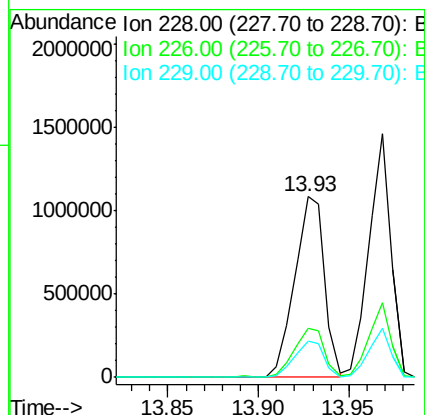
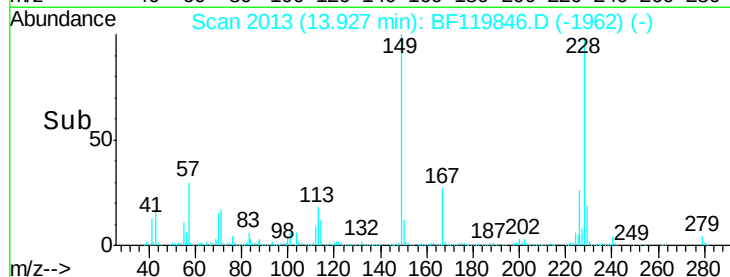
229 19.9 15.9 23.9



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: 29.650 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

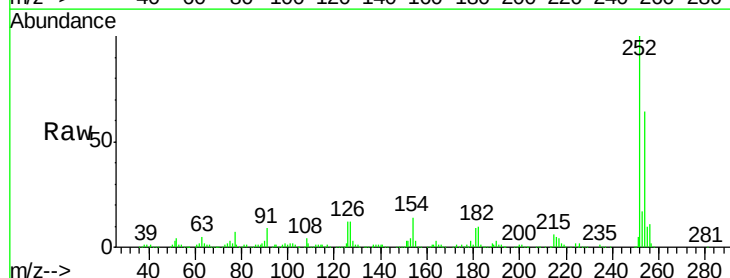
Tgt Ion:252 Resp: 344776

Ion Ratio Lower Upper

252 100

254 63.9 53.9 80.9

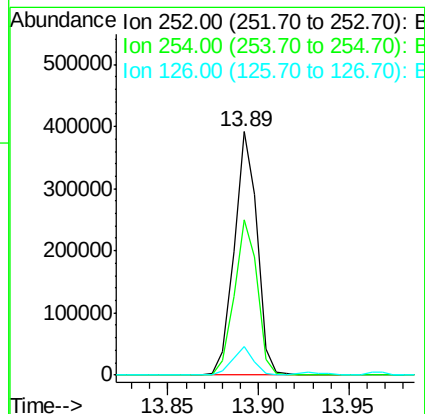
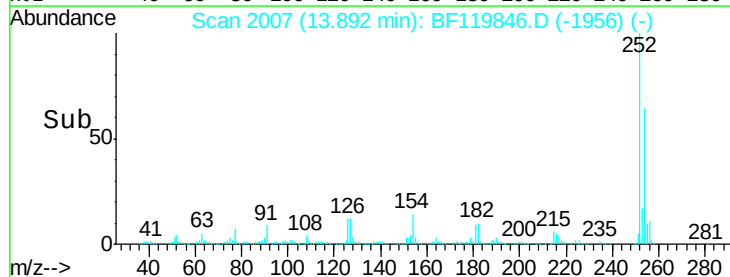
126 11.8 9.7 14.5

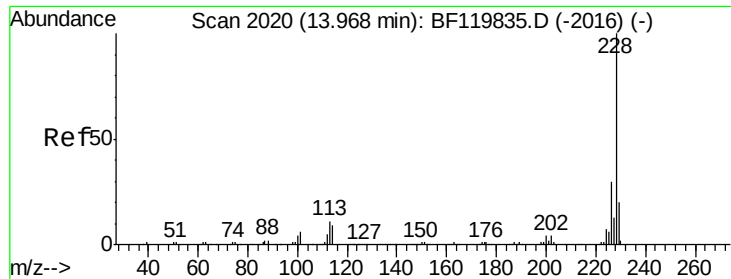


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.429 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

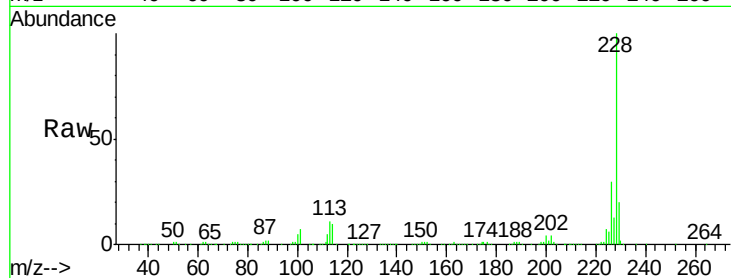
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1248546

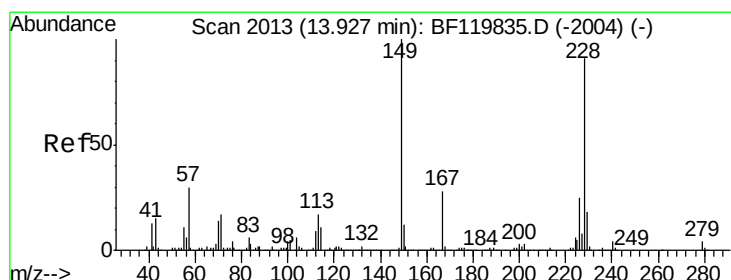
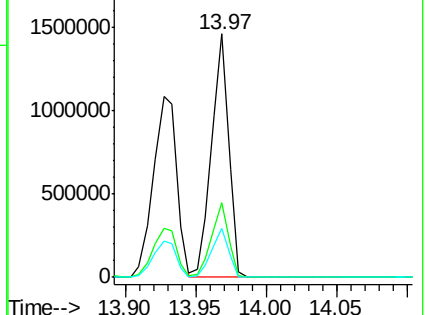
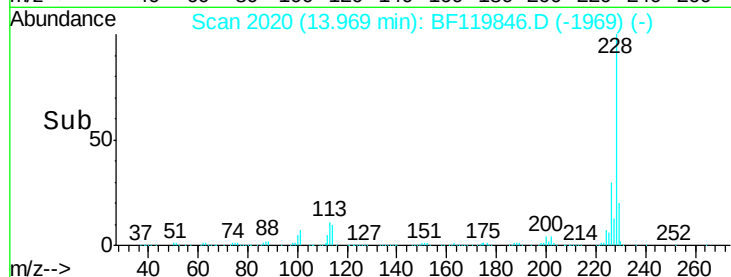
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	20.0	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.389 ng

RT: 13.93 min Scan# 2013

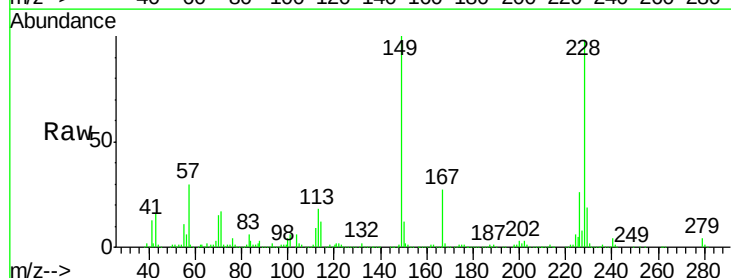
Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Tgt Ion:149 Resp: 981170

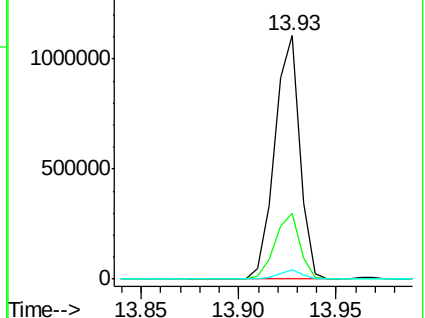
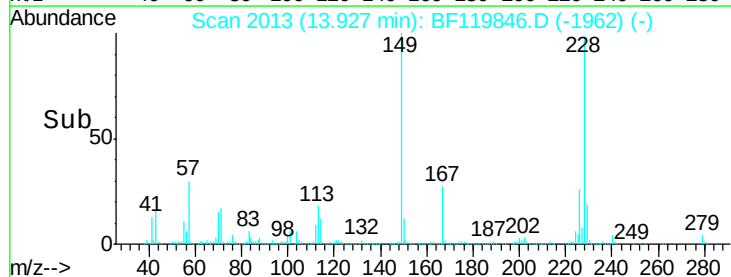
Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	4.1	3.4	5.0

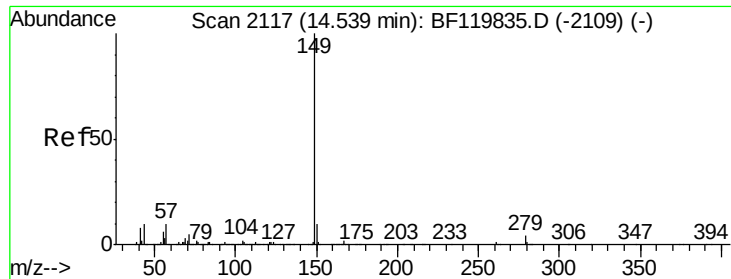


Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.529 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

Instrument :

BNA_F

ClientSampleId :

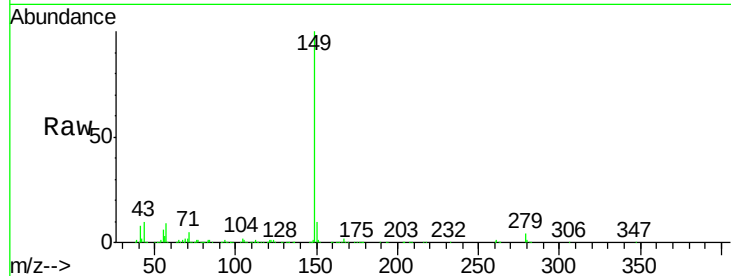
Tot Ion:149 Resp: 1632157

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

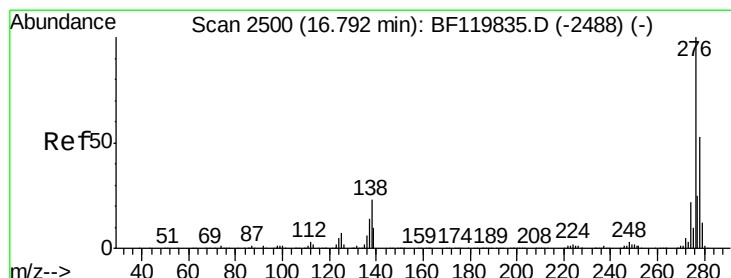
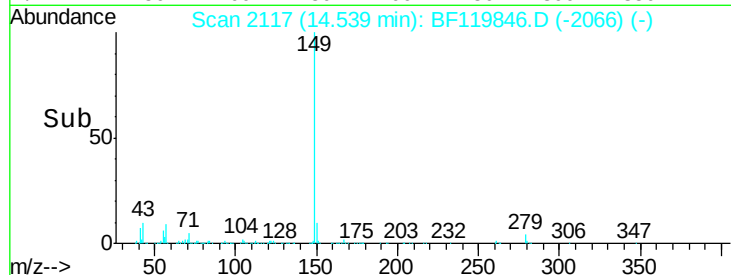
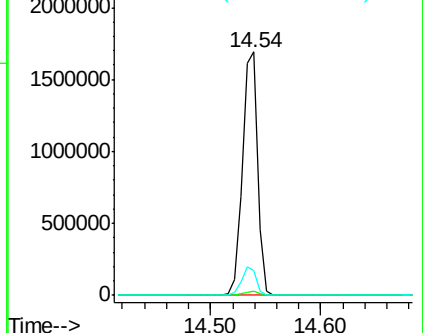
43 11.2 9.2 13.8



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: 38.589 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.00 min

Lab File: BF119846.D

Acq: 9 Apr 2020 1:38

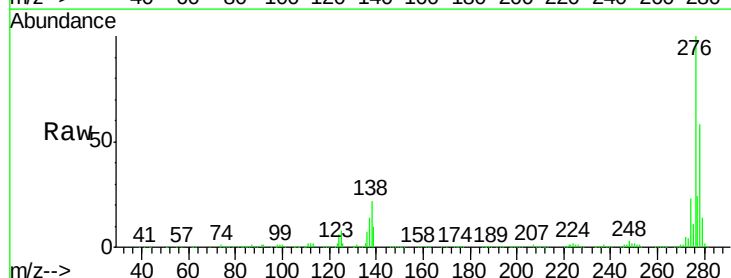
Tgt Ion:276 Resp: 1077137

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

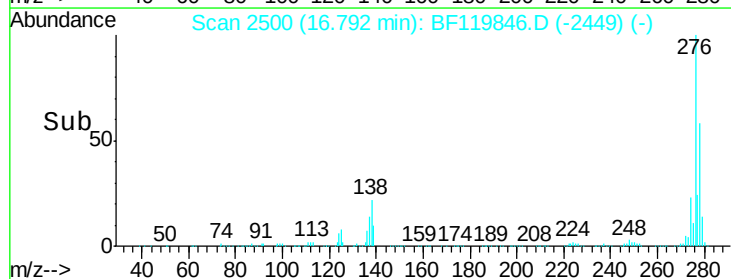
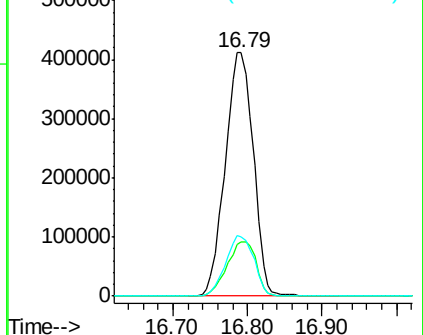
277 25.1 20.1 30.1

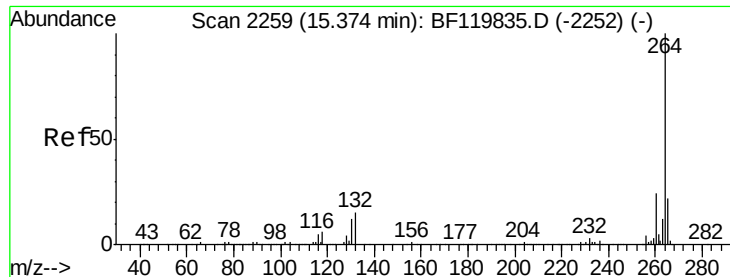


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

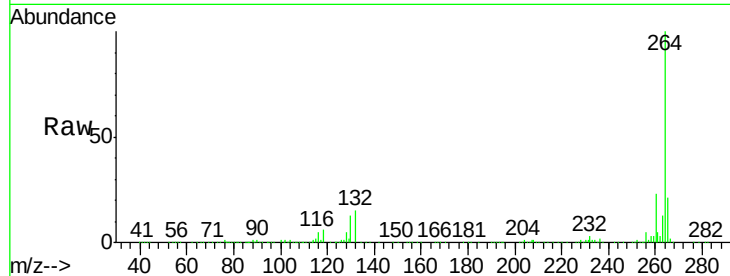




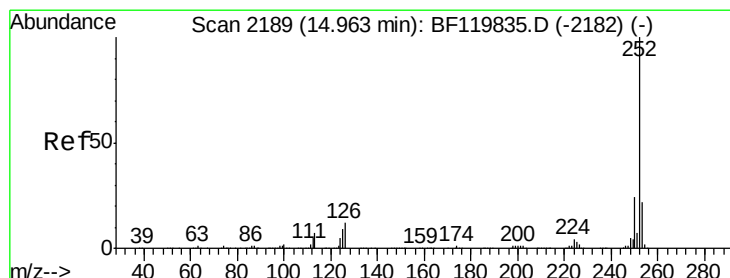
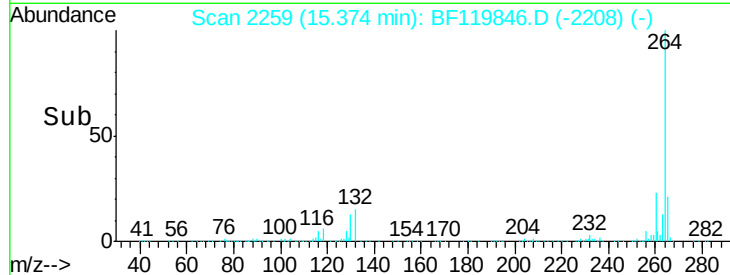
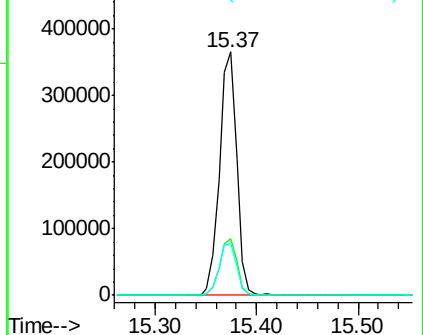
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 430585
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 21.0 17.6 26.4

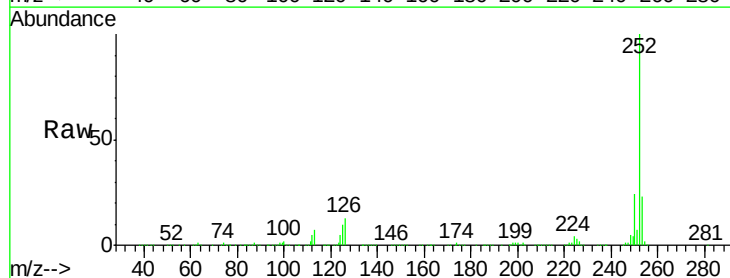


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

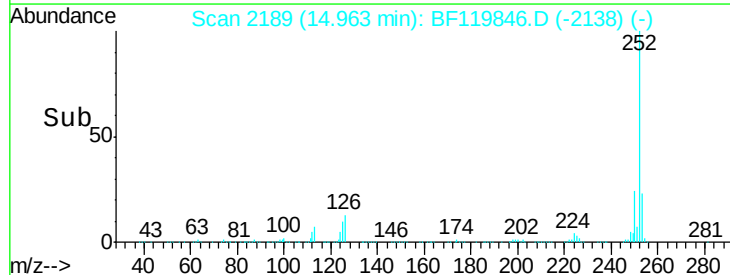
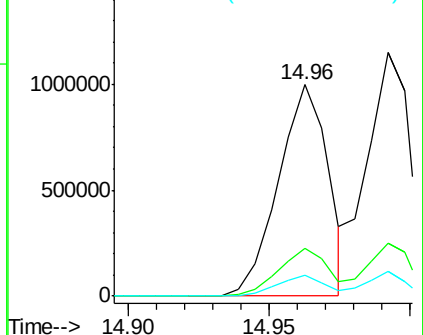


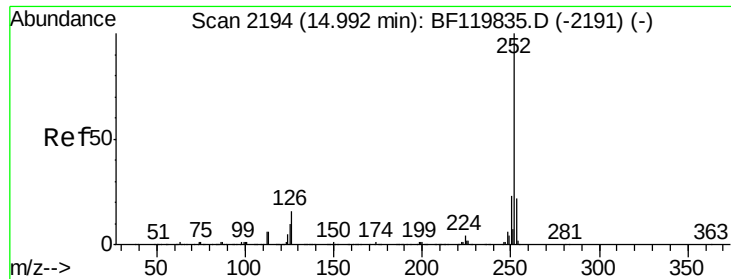
#88
Benzo(b)fluoranthene
Concen: 39.429 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:252 Resp: 1221337
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.9 7.4 11.2



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

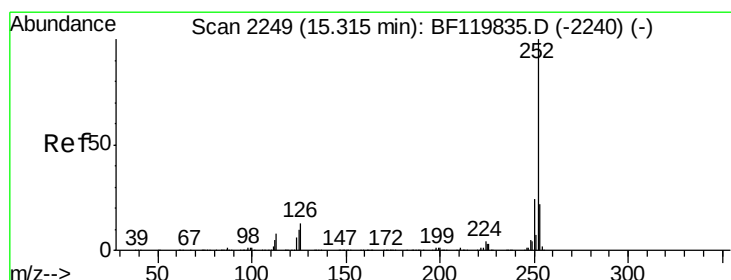
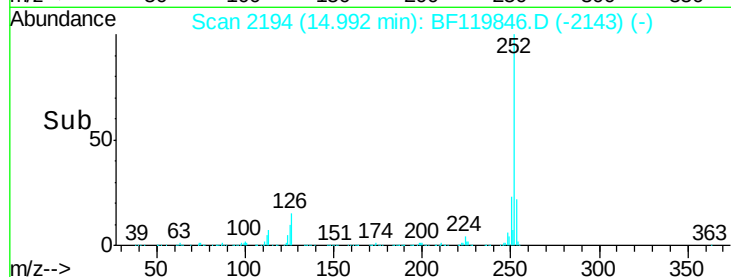
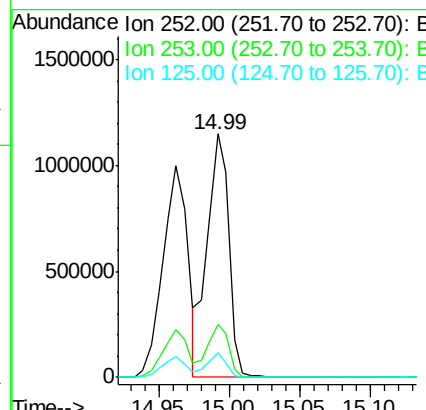
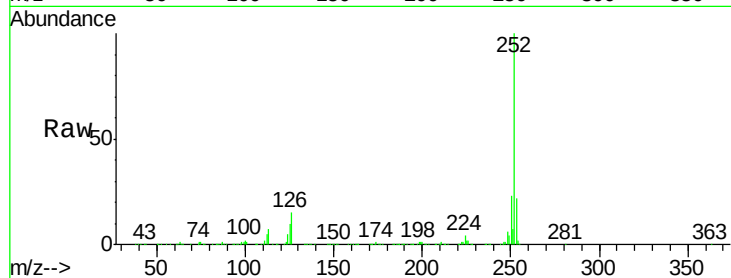




#89
Benzo(k)fluoranthene
Concen: 45.382 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

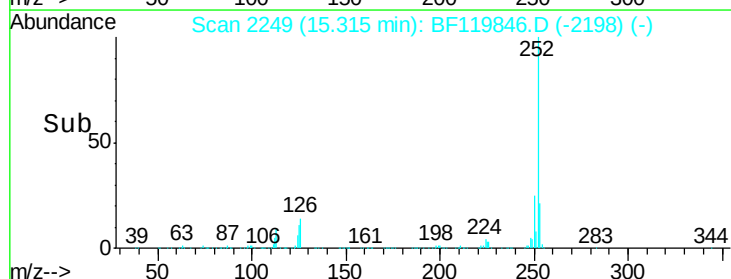
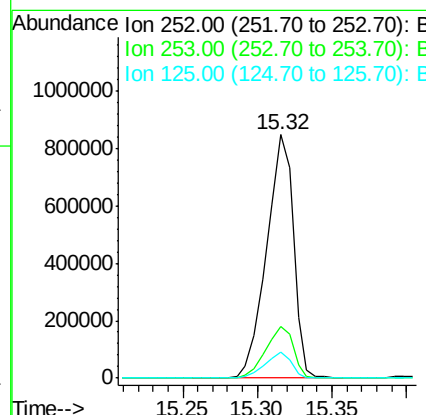
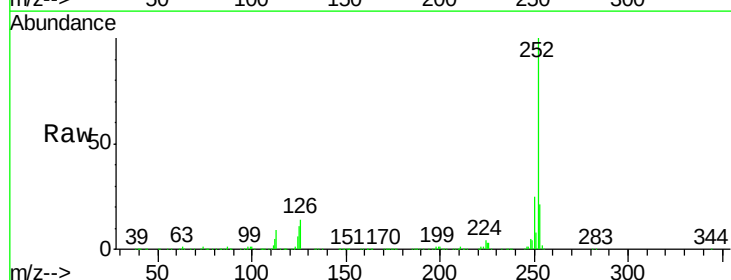
Instrument :
BNA_F
ClientSampleId :

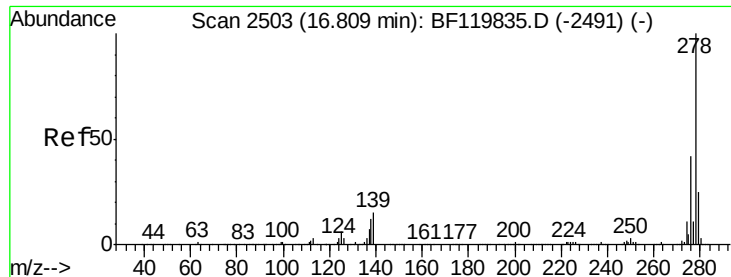
Tot Ion:252 Resp: 1212874
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.435 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:252 Resp: 1053086
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 10.6 8.3 12.5



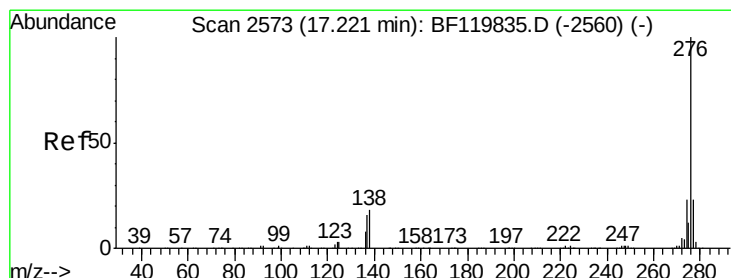
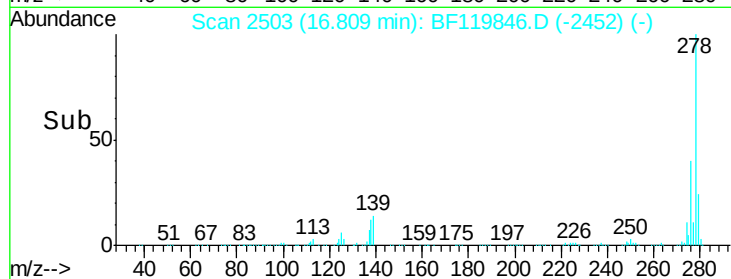
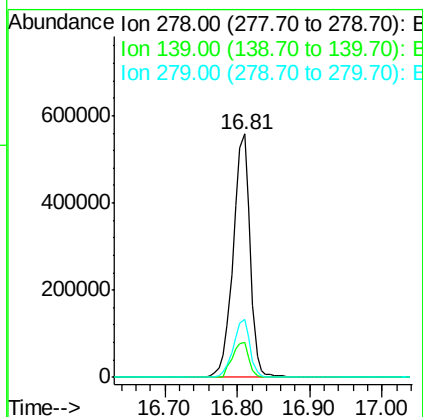
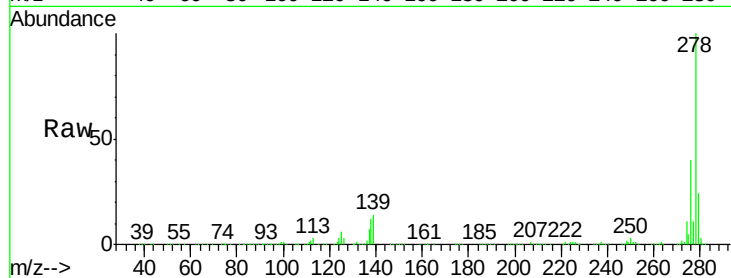


#91
Dibenzo(a,h)anthracene
Concen: 39.524 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 911794

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	23.7	19.7	29.5



#92
Benzo(g,h,i)perylene
Concen: 36.389 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF119846.D
Acq: 9 Apr 2020 1:38

Tgt Ion:276 Resp: 828652

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	19.9	14.6	22.0

