

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119904.D
 Acq On : 10 Apr 2020 19:33
 Operator : MA/SJ
 Sample : L2178-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 01:25:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189075	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	725374	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	378634	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	710486	20.00	ng	0.00
76) Chrysene-d12	13.93	240	434382	20.00	ng	0.00
87) Perylene-d12	15.36	264	382960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	823248	75.25	ng	0.00
7) Phenol-d6	6.39	99	661590	46.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	1477034	105.34	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	685761	147.93	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2724536	102.16	ng	0.00
79) Terphenyl-d14	12.87	244	2567742	99.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	90017	18.473	ng	98
3) Pyridine	3.20	79	203549	15.225	ng	99
4) n-Nitrosodimethylamine	3.13	42	147864	21.646	ng	92
6) Aniline	6.42	93	349751	18.902	ng	98
8) 2-Chlorophenol	6.54	128	597861	48.908	ng	100
9) Benzaldehyde	6.30	77	411820	Below Cal		99
10) Phenol	6.40	94	292410	18.283	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	693742	56.178	ng	97
12) 1,3-Dichlorobenzene	6.69	146	674710	50.415	ng	99
13) 1,4-Dichlorobenzene	6.77	146	690120	50.622	ng	99
14) 1,2-Dichlorobenzene	6.93	146	649296	51.679	ng	97
15) Benzyl Alcohol	6.90	79	373196	34.083	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1248479	51.954	ng	97
17) 2-Methylphenol	7.02	107	395718	36.274	ng	94
18) Hexachloroethane	7.27	117	256613	50.366	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	520467	57.412	ng	99
20) 3+4-Methylphenols	7.17	107	424021	31.780	ng	# 71
22) Acetophenone	7.17	105	980129	57.702	ng	# 96
24) Nitrobenzene	7.35	77	787980	55.866	ng	96
25) Isophorone	7.58	82	1459291	53.990	ng	99
26) 2-Nitrophenol	7.66	139	395807	56.168	ng	98
27) 2,4-Dimethylphenol	7.70	122	546122	51.385	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	912490	57.371	ng	99
29) 2,4-Dichlorophenol	7.90	162	567763	52.117	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	625647	50.686	ng	100
31) Naphthalene	8.06	128	1999098	52.382	ng	99
32) Benzoic acid	7.79	122	121221	12.987	ng	98
33) 4-Chloroaniline	8.11	127	225981	13.602	ng	97
34) Hexachlorobutadiene	8.18	225	350393	47.421	ng	98
35) Caprolactam	8.50	113	17630	5.290	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	581022	49.262	ng	97
37) 2-Methylnaphthalene	8.76	142	1410344	54.508	ng	99
38) 1-Methylnaphthalene	8.86	142	1316962	54.002	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	604989	50.589	ng	99

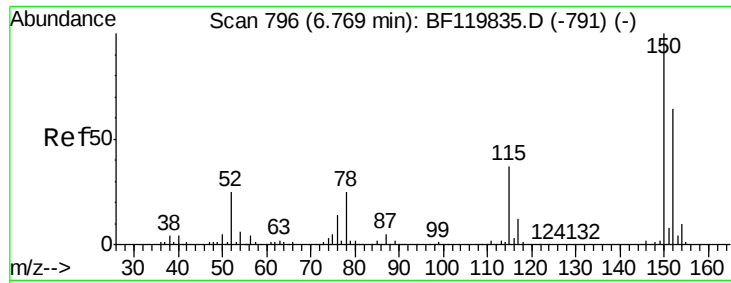
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119904.D
 Acq On : 10 Apr 2020 19:33
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	656116	96.484	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	451023	54.616	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	460148	49.472	nq	97
46) 1,1'-Biphenyl	9.22	154	1674871	52.407	nq	98
47) 2-Chloronaphthalene	9.25	162	1297297	52.694	nq	96
48) 2-Nitroaniline	9.35	65	480746	53.885	nq	98
49) Acenaphthylene	9.66	152	2032625	54.288	nq	99
50) Dimethylphthalate	9.53	163	1663412	56.797	nq	99
51) 2,6-Dinitrotoluene	9.59	165	359821	56.105	nq	# 83
52) Acenaphthene	9.83	154	1256246	50.298	nq	99
53) 3-Nitroaniline	9.75	138	131810	17.995	nq	96
54) 2,4-Dinitrophenol	9.87	184	427648	111.377	nq	96
55) Dibenzofuran	10.00	168	1818210	53.050	nq	97
56) 4-Nitrophenol	9.92	139	196754	36.102	nq	93
57) 2,4-Dinitrotoluene	9.99	165	470685	55.705	nq	93
58) Fluorene	10.35	166	1412081	51.517	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	391177	54.990	nq	99
60) Diethylphthalate	10.23	149	1581630	52.106	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	683385	48.644	nq	96
62) 4-Nitroaniline	10.37	138	328097	47.002	nq	98
63) Azobenzene	10.50	77	1497074	55.034	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	271160	57.931	nq	86
66) n-Nitrosodiphenylamine	10.46	169	1303023	55.146	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	457105	51.734	nq	96
68) Hexachlorobenzene	10.90	284	485328	54.146	nq	99
69) Atrazine	11.00	200	390516	59.401	nq	98
70) Pentachlorophenol	11.09	266	529468	102.503	nq	98
71) Phenanthrene	11.32	178	2038441	53.909	nq	98
72) Anthracene	11.36	178	2116765	54.799	nq	99
73) Carbazole	11.52	167	1915835	52.446	nq	98
74) Di-n-butylphthalate	11.85	149	2415486	50.300	nq	99
75) Fluoranthene	12.50	202	2205918	54.067	nq	99
77) Benzidine	12.62	184	373779	25.456	nq	97
78) Pyrene	12.73	202	2159708	58.977	nq	98
80) Butylbenzylphthalate	13.35	149	928692	52.265	nq	98
81) Benzo(a)anthracene	13.92	228	1524704	53.355	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	282740	26.517	nq	95
83) Chrysene	13.96	228	1602981	55.206	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	1153473	47.936	nq	100
85) Di-n-octyl phthalate	14.53	149	1884095	45.986	nq	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1480424	57.840	nq	99
88) Benzo(b)fluoranthene	14.95	252	1442882	52.375	nq	99
89) Benzo(k)fluoranthene	14.98	252	1366299	57.480	nq	99
90) Benzo(a)pyrene	15.30	252	1252204	54.060	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	1217505	59.339	nq	98
92) Benzo(g,h,i)perylene	17.20	276	1245296	61.486	nq	98

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

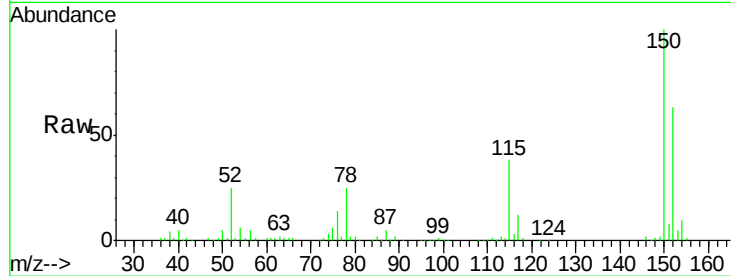


#1

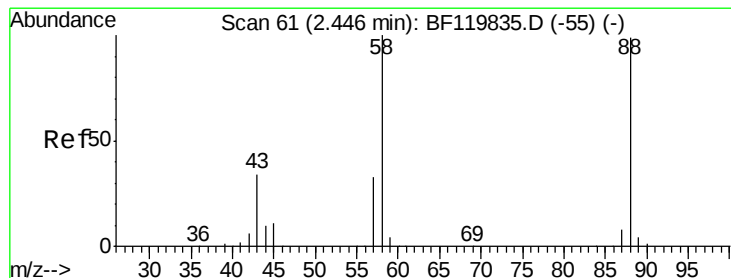
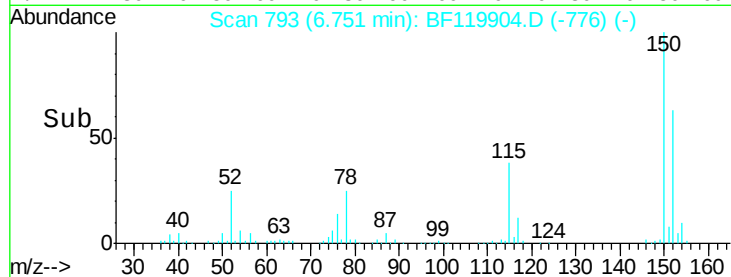
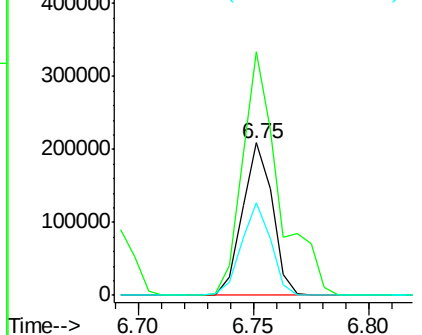
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189075
Ion Ratio Lower Upper
152 100
150 159.7 124.8 187.2
115 60.3 46.5 69.7



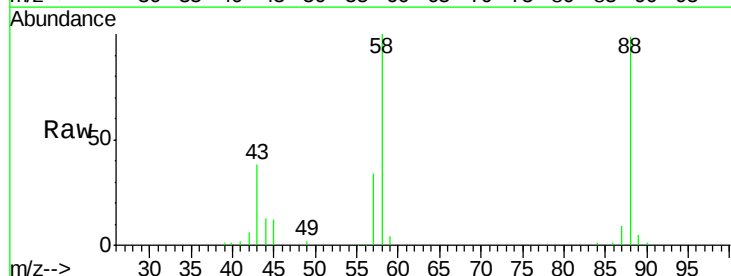
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



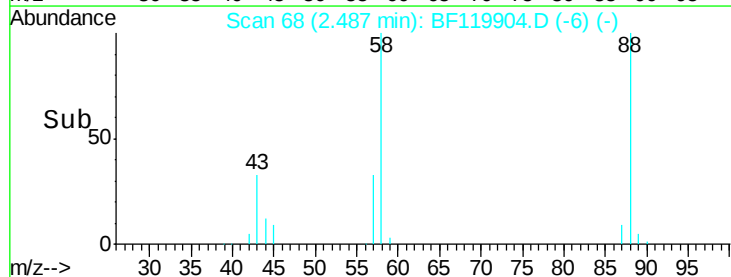
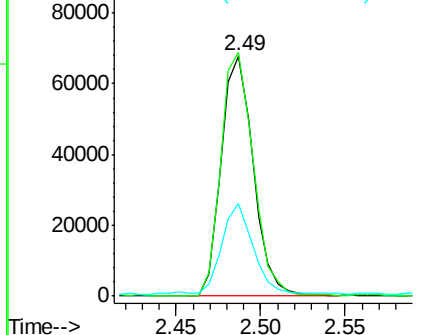
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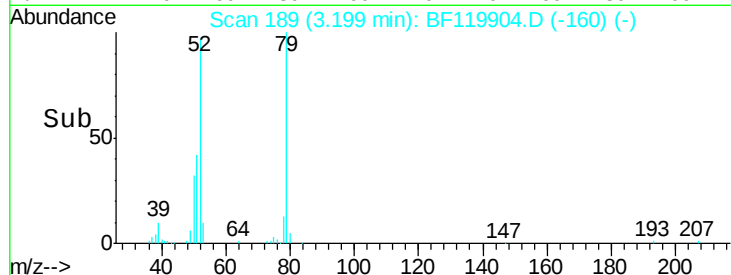
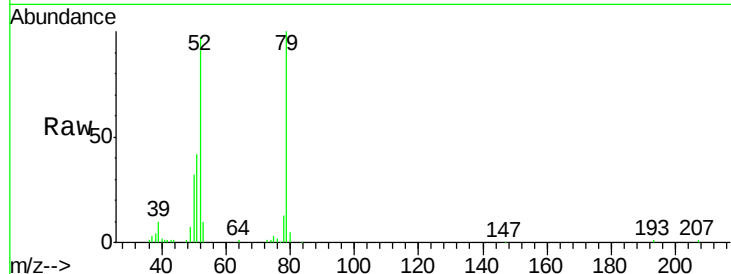
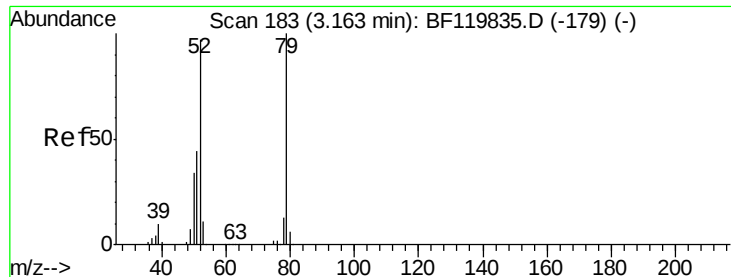
1,4-Dioxane
Concen: 18.473 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.06 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion: 88 Resp: 90017
Ion Ratio Lower Upper
88 100
58 102.1 82.6 123.8
43 39.4 28.6 42.8



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

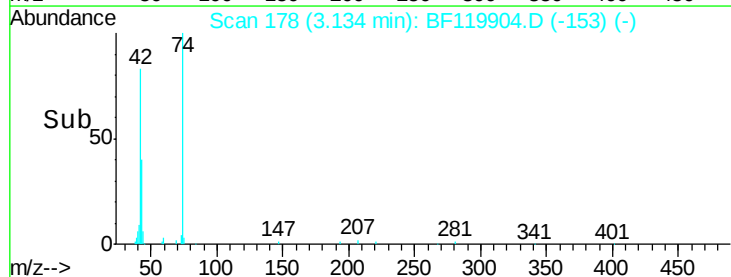
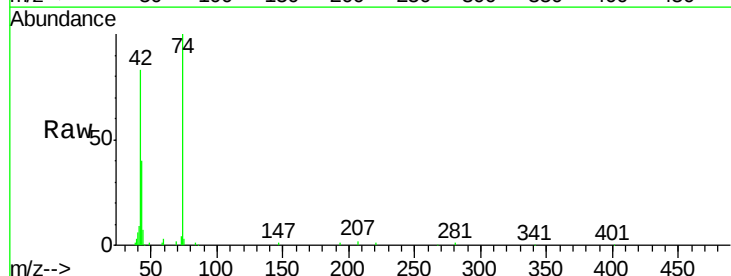
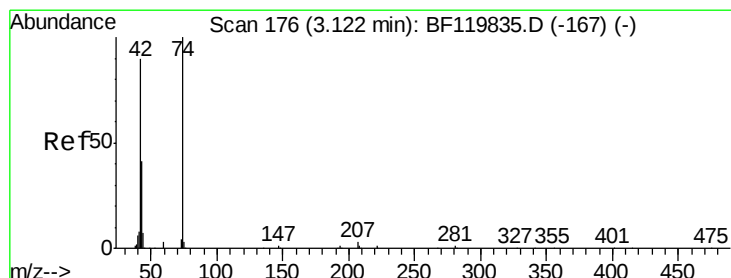
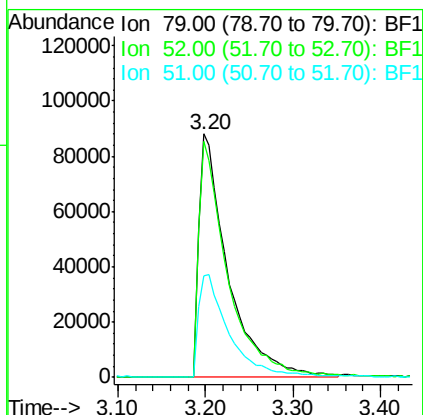




#3
 Pvridine
 Concen: 15.225 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.07 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

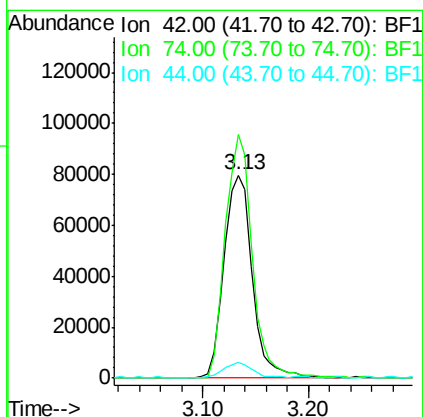
Instrument :
 BNA_F
 ClientSampleId :

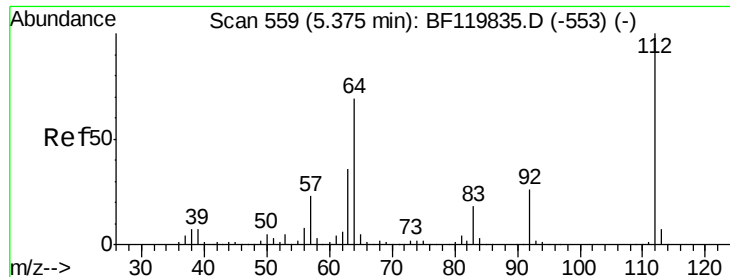
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	96.7	77.4	116.0	
51	41.6	35.3	52.9	



#4
 n-Nitrosodimethylamine
 Concen: 21.646 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.05 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	119.9	89.0	133.4	
44	8.0	6.2	9.4	





#5

2-Fluorophenol

Concen: 75.247 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampled :

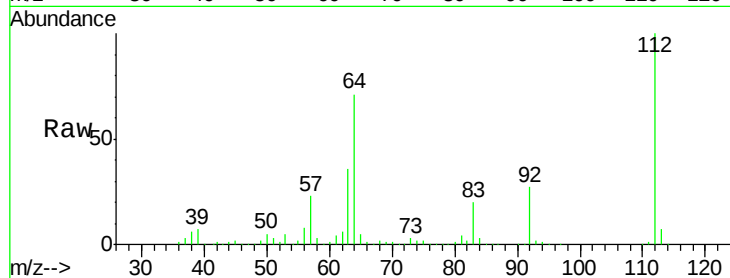
Tot Ion:112 Resp: 823248

Ion Ratio Lower Upper

112 100

64 71.0 55.5 83.3

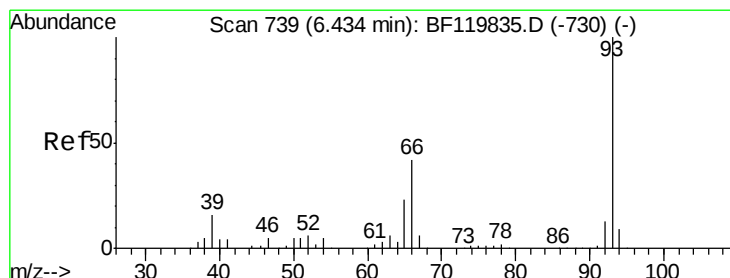
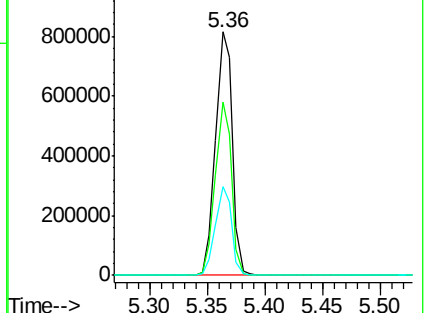
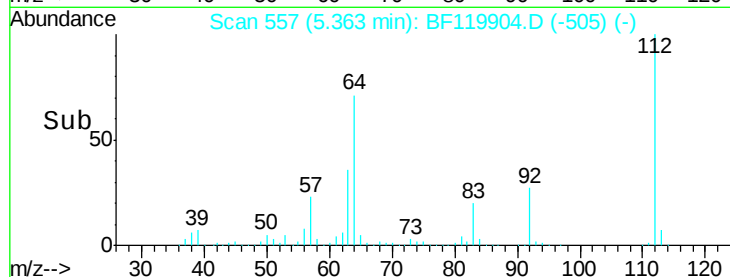
63 36.3 29.1 43.7



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: 18.902 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

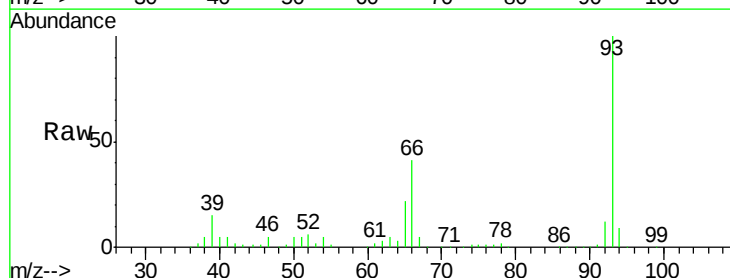
Tgt Ion: 93 Resp: 349751

Ion Ratio Lower Upper

93 100

66 40.9 34.2 51.2

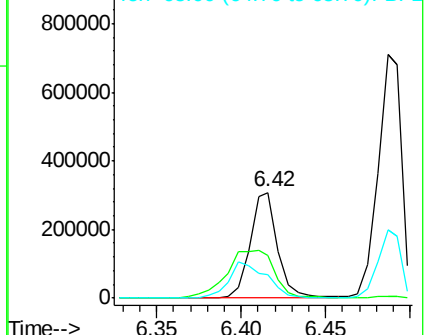
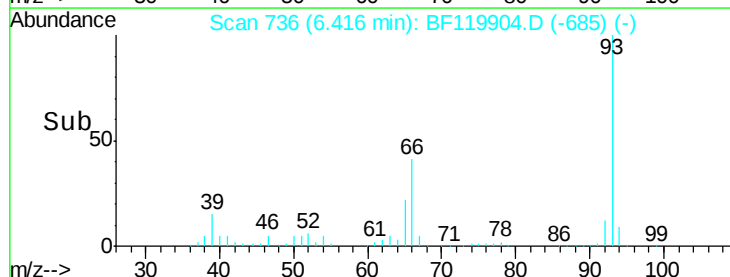
65 22.2 18.3 27.5

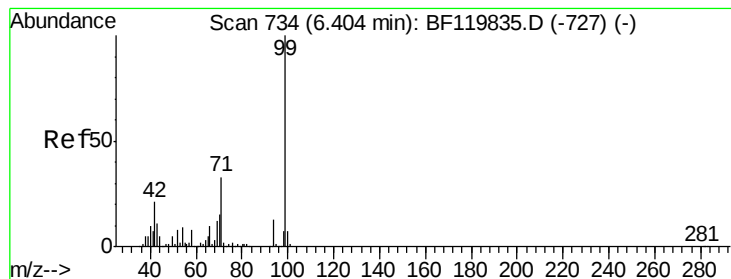


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 46.929 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

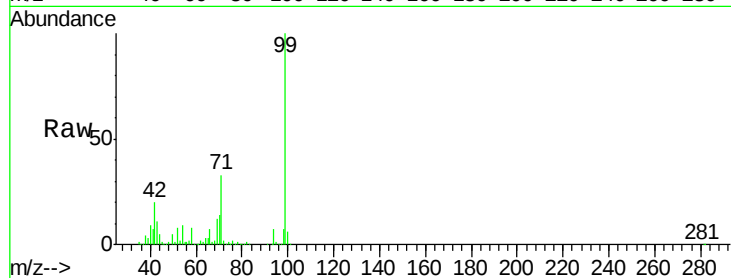
Tot Ion: 99 Resp: 661590

Ion Ratio Lower Upper

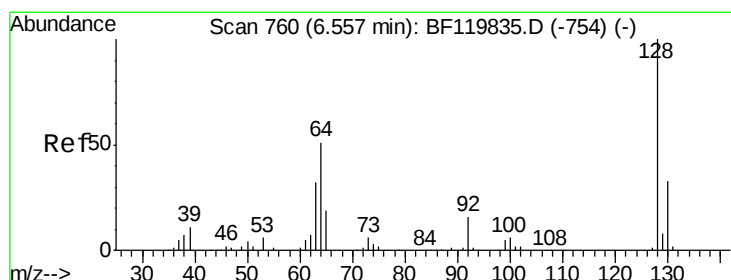
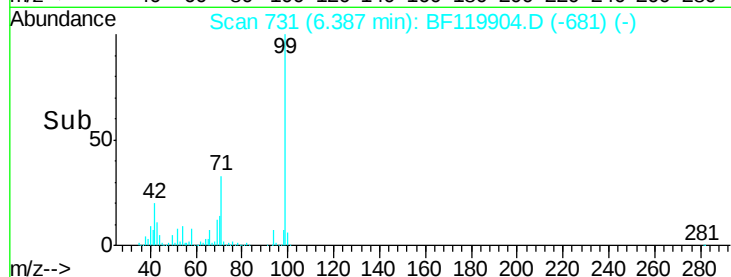
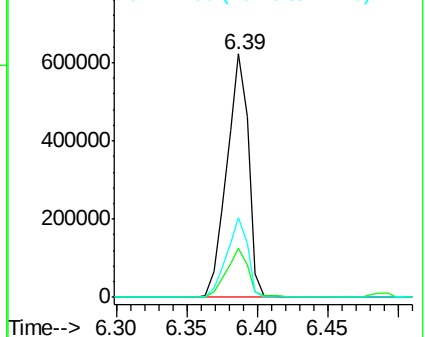
99 100

42 20.2 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: 48.908 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

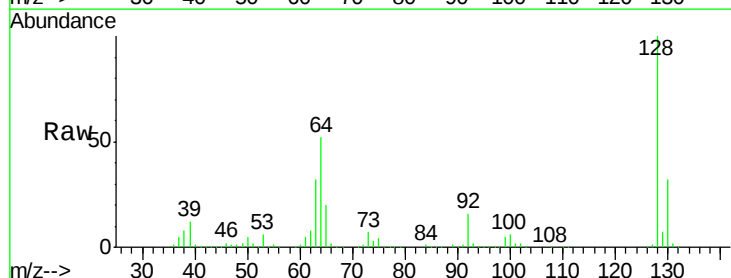
Tgt Ion: 128 Resp: 597861

Ion Ratio Lower Upper

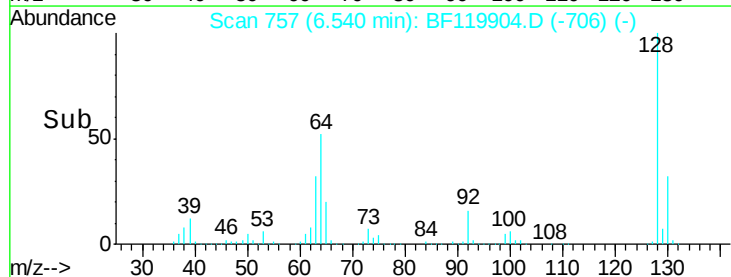
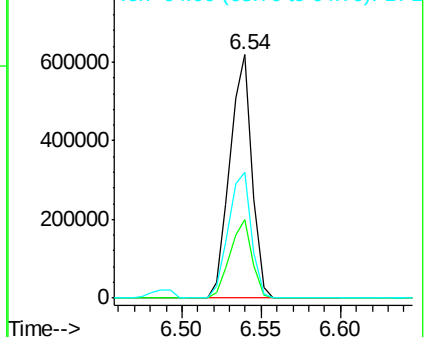
128 100

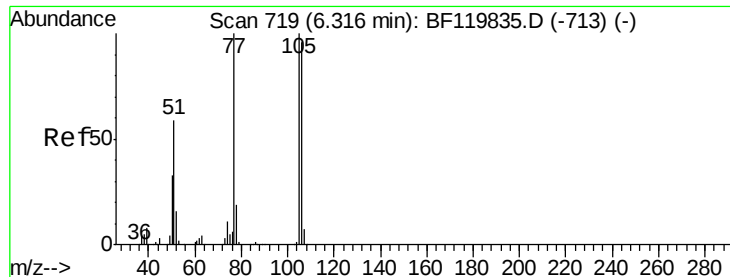
130 32.5 12.6 52.6

64 51.6 32.0 72.0



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





#9

Benzaldehyde

Concen: Below Cal

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampled :

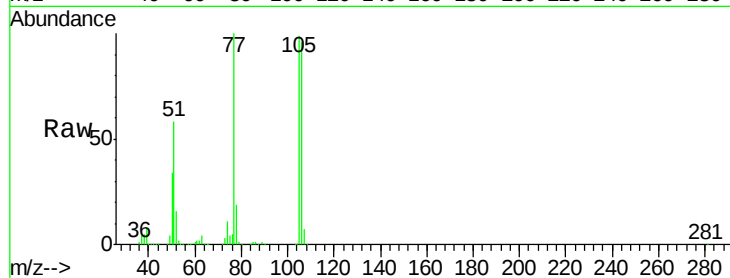
Tot Ion: 77 Resp: 411820

Ion Ratio Lower Upper

77 100

105 98.7 79.9 119.9

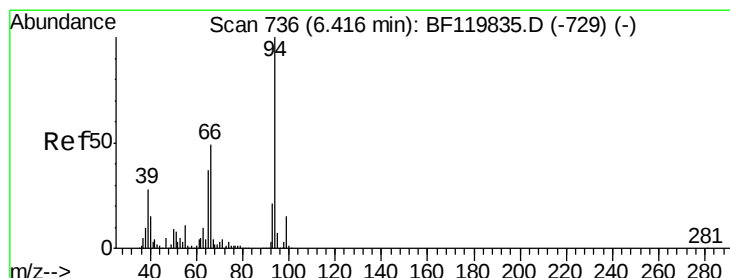
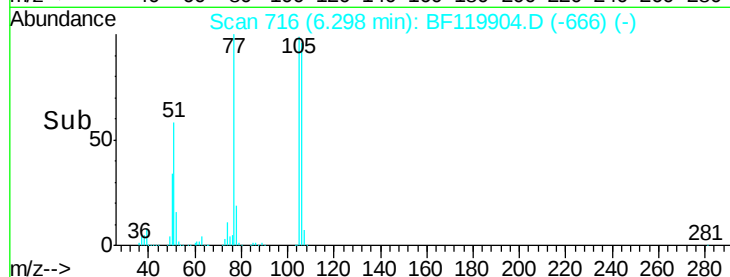
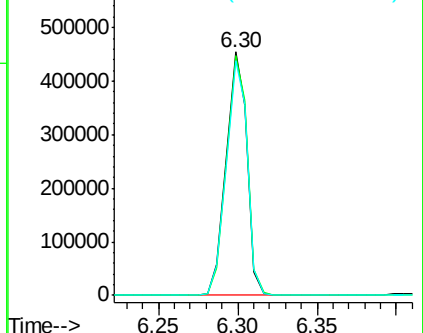
106 96.2 76.4 116.4



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: 18.283 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

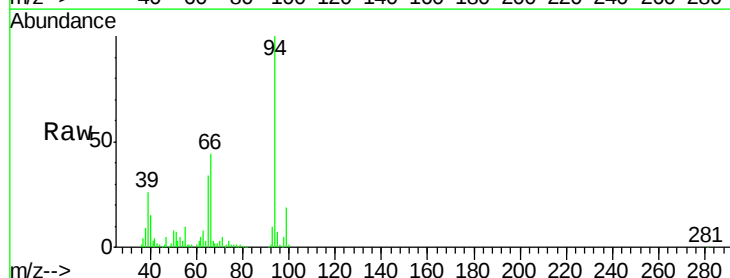
Tgt Ion: 94 Resp: 292410

Ion Ratio Lower Upper

94 100

65 34.1 16.6 56.6

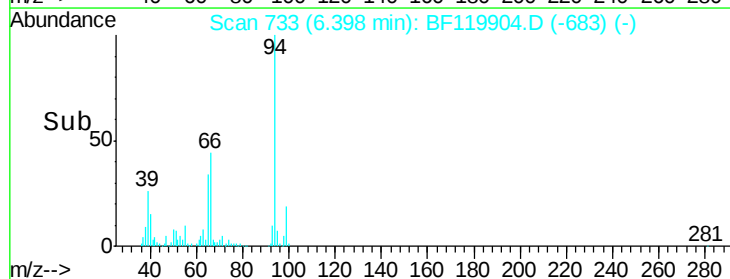
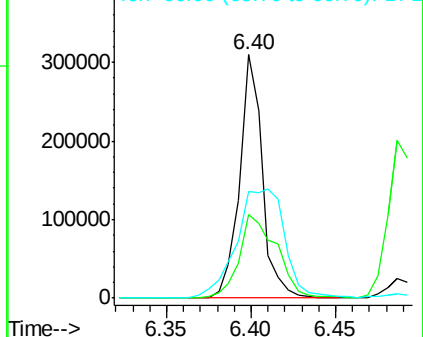
66 44.0 29.3 69.3

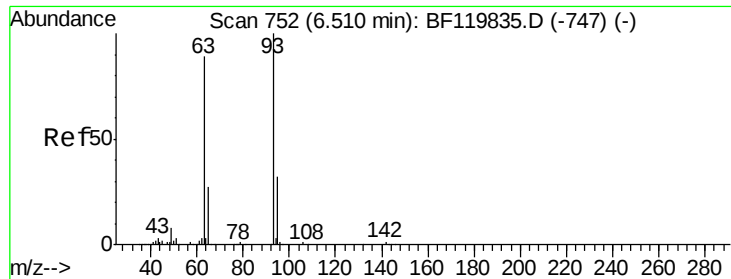


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

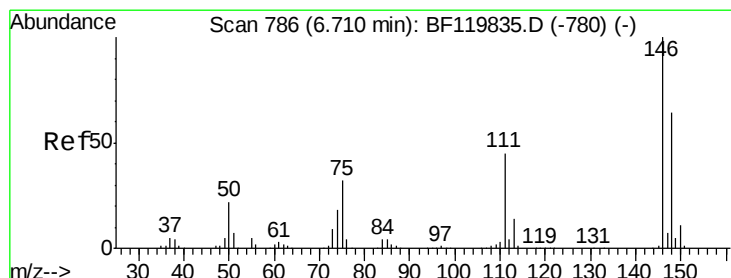
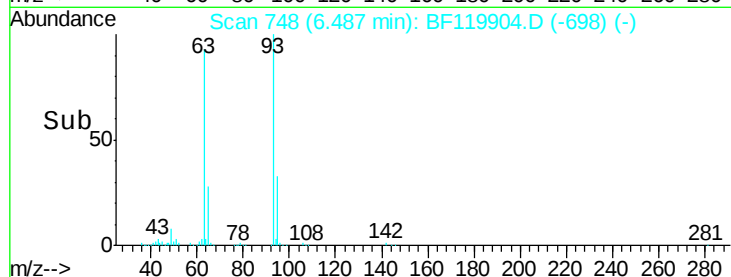
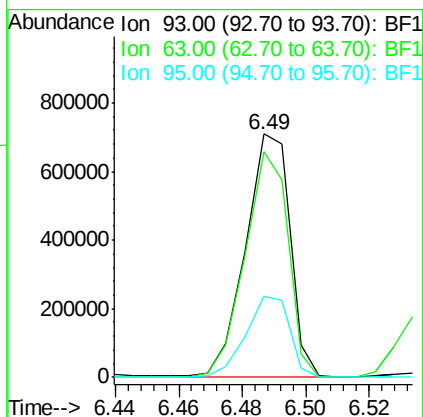
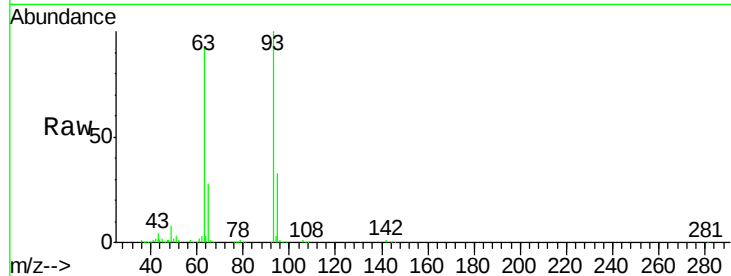




#11
bis(2-Chloroethyl)ether
Concen: 56.178 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

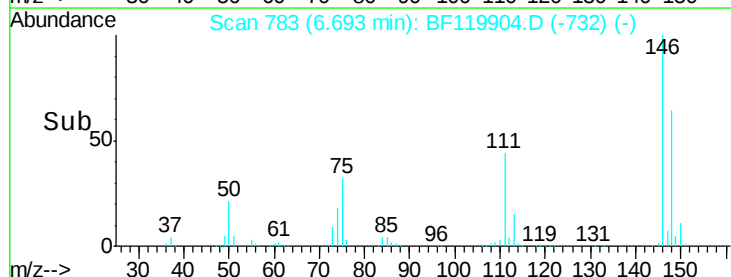
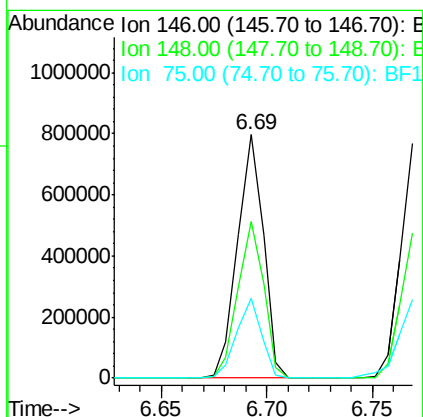
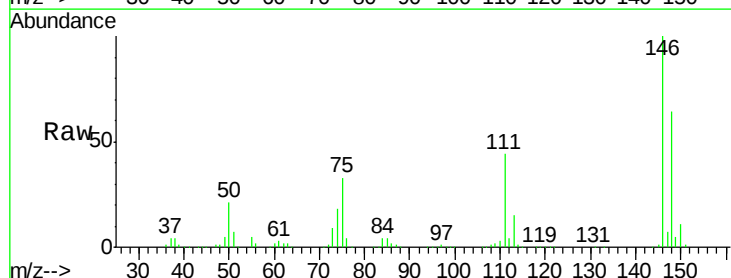
Instrument :
BNA_F
ClientSampleId :

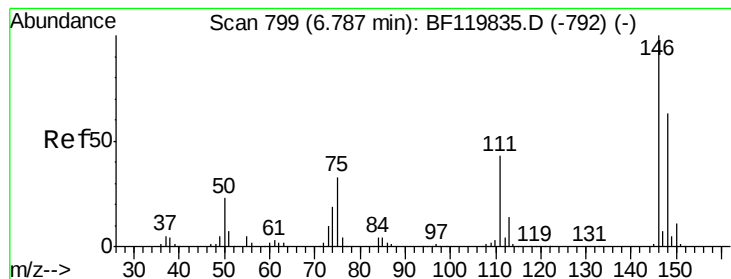
Tot Ion: 93 Resp: 693742
Ion Ratio Lower Upper
93 100
63 92.7 69.1 109.1
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 50.415 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion: 146 Resp: 674710
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 32.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 50.622 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

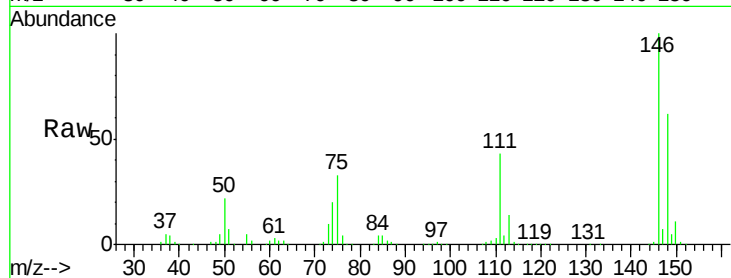
Tot Ion:146 Resp: 690120

Ion Ratio Lower Upper

146 100

148 61.9 50.5 75.7

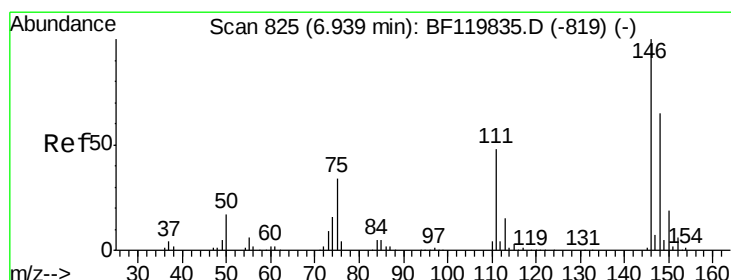
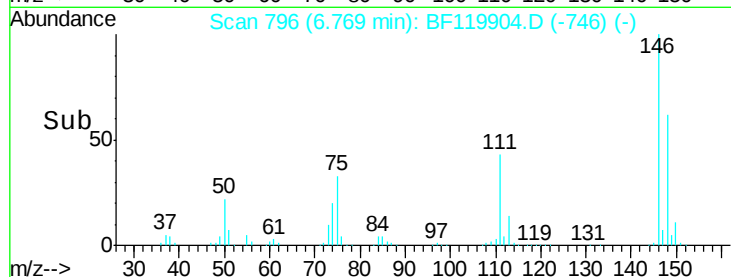
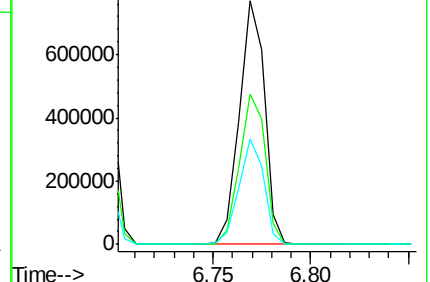
111 43.3 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.679 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

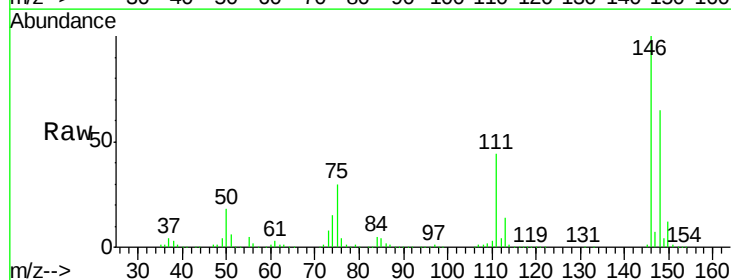
Tgt Ion:146 Resp: 649296

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

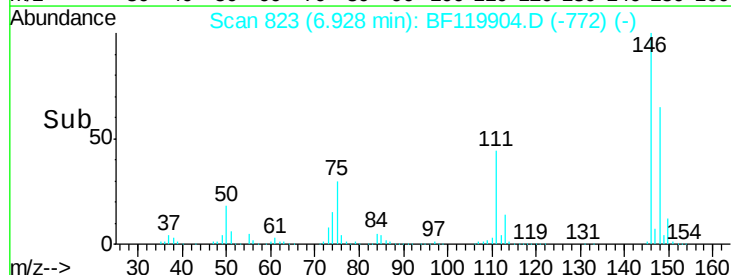
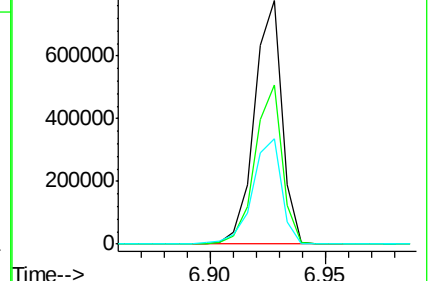
111 43.5 38.0 57.0

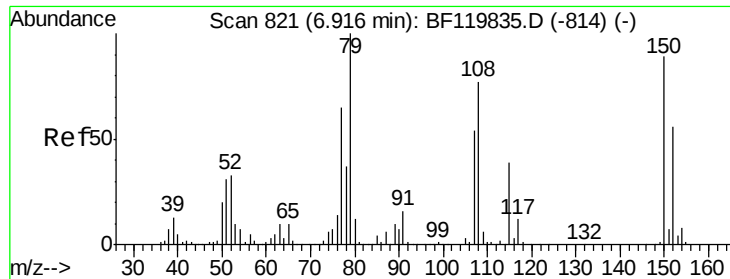


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

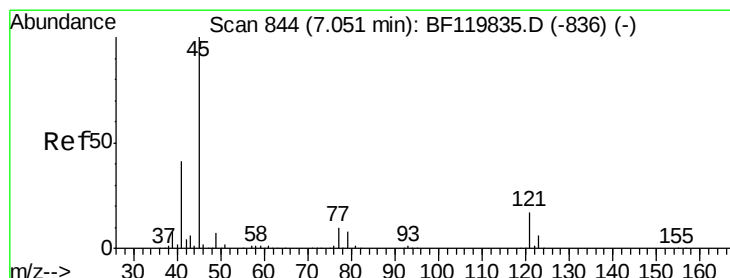
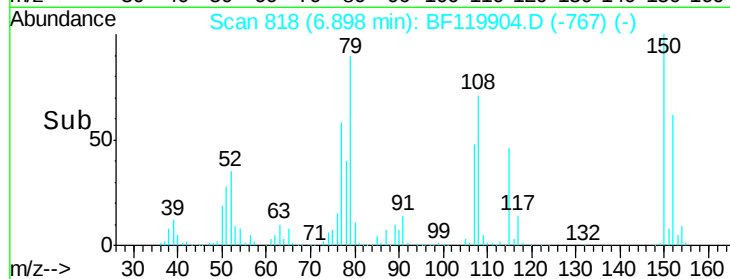
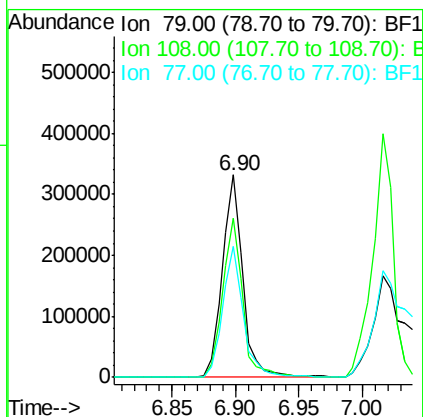
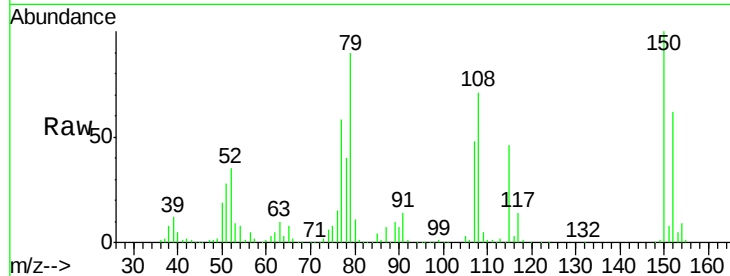




#15
Benzyl Alcohol
Concen: 34.083 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

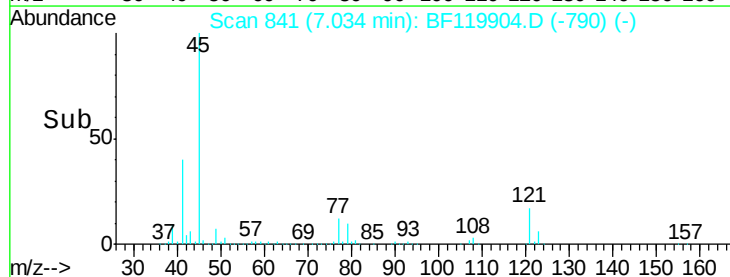
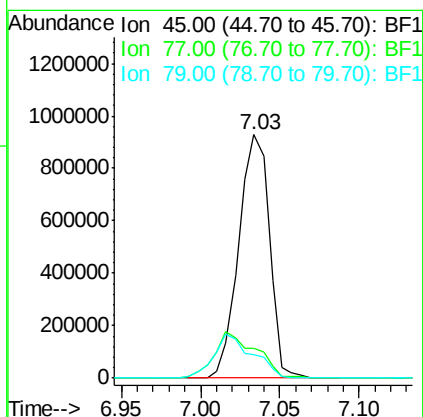
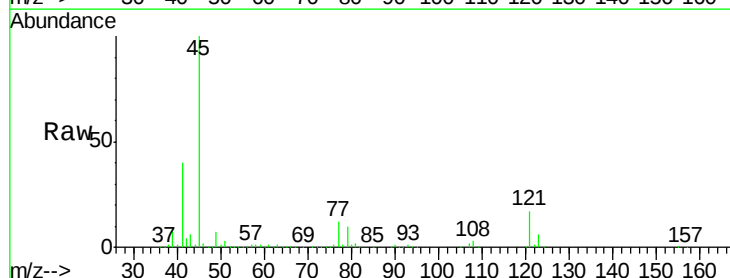
Instrument :
BNA_F
ClientSampled :

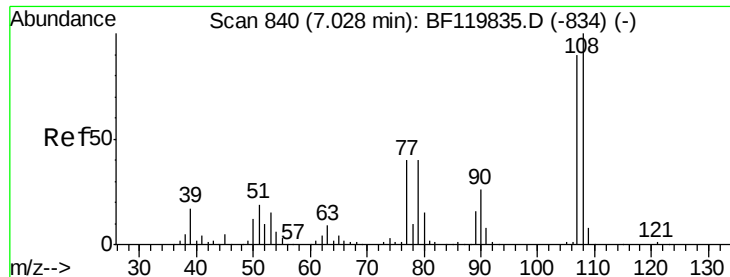
Tot Ion: 79 Resp: 373196
Ion Ratio Lower Upper
79 100
108 78.9 62.0 93.0
77 64.7 51.8 77.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 51.954 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion: 45 Resp: 1248479
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.7
79 9.5 0.0 28.6





#17

2-Methylphenol

Concen: 36.274 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 395718

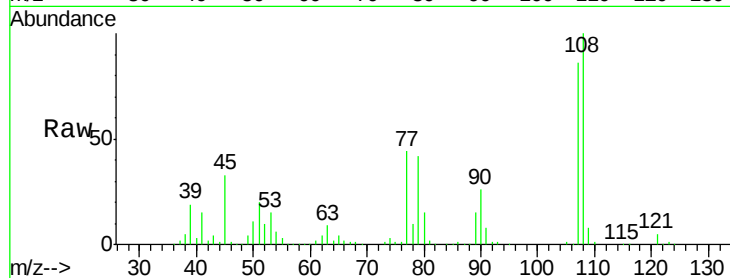
Ion Ratio Lower Upper

107 100

108 116.1 88.8 133.2

77 51.1 36.0 54.0

79 48.4 35.7 53.5

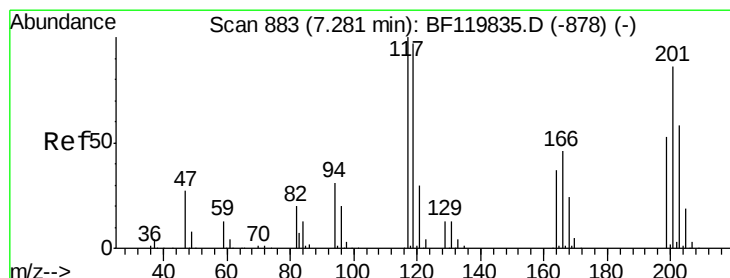
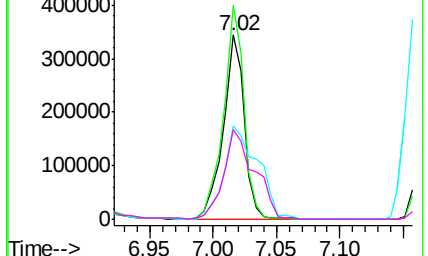
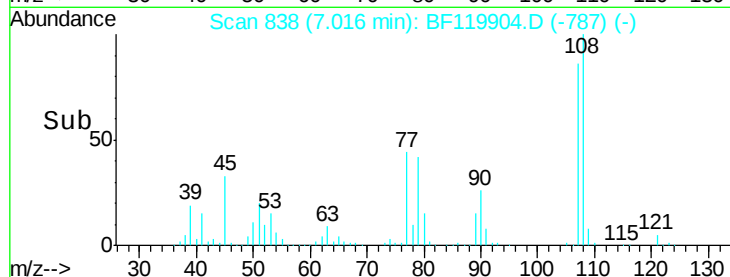


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 50.366 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

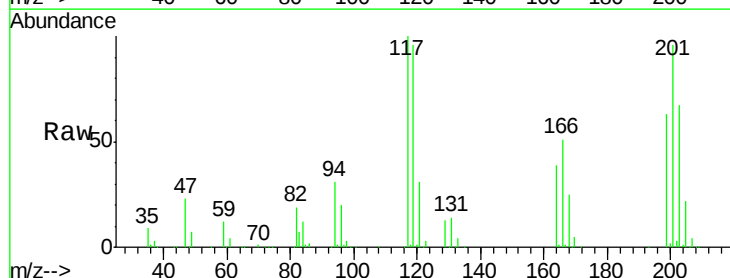
Tgt Ion:117 Resp: 256613

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

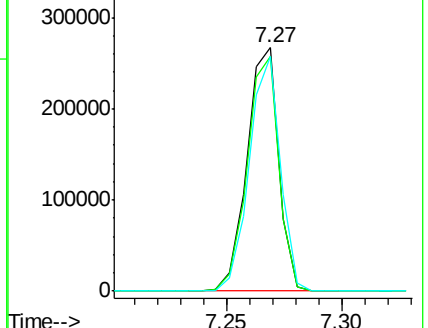
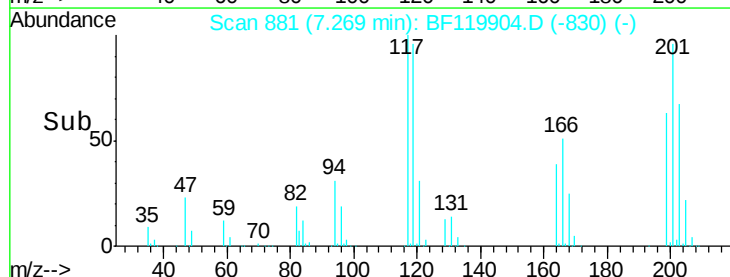
201 96.3 68.4 102.6

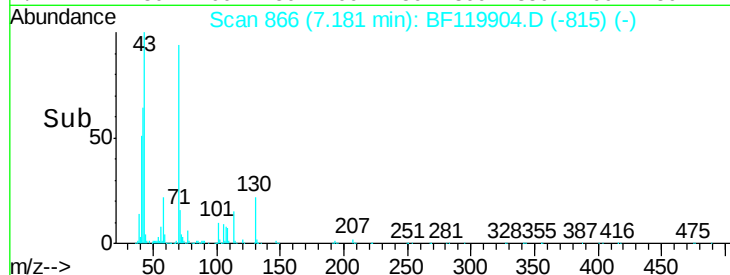
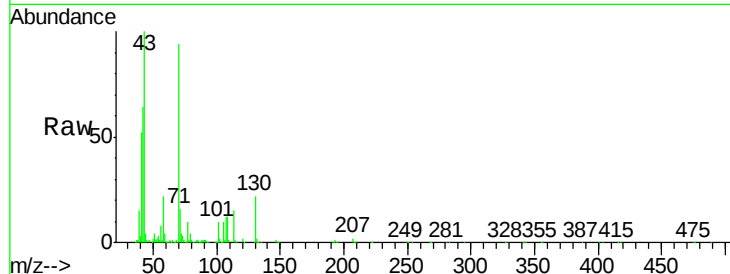
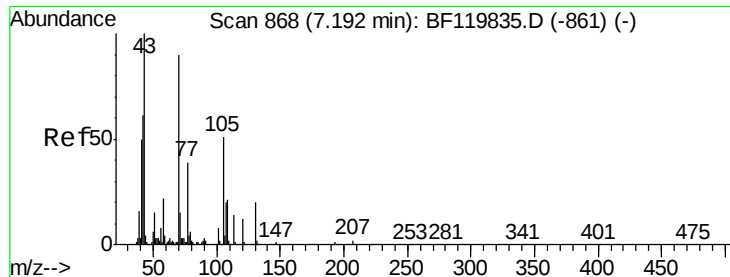


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

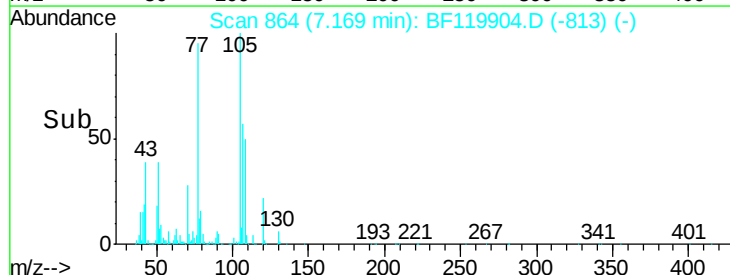
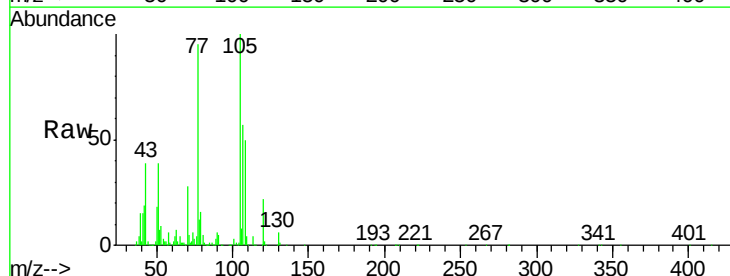
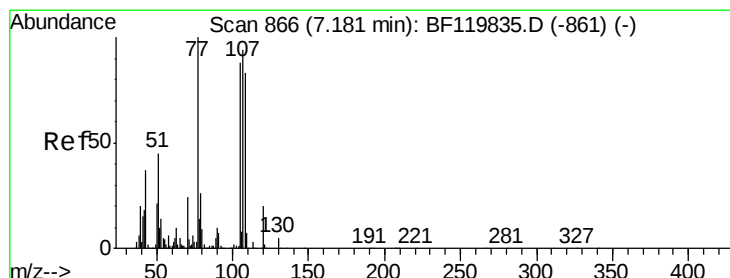
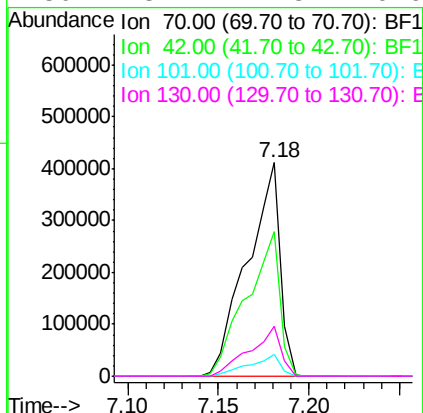




#19
n-Nitroso-di-n-propylamine
Concen: 57.412 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

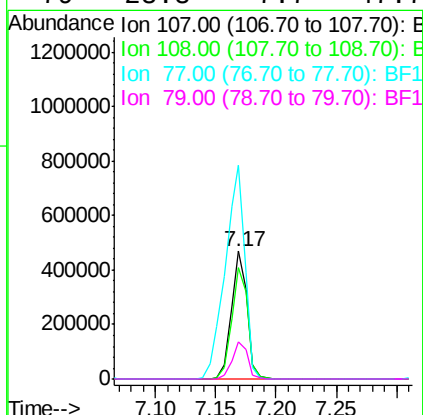
Instrument :
BNA_F
ClientSampleId :

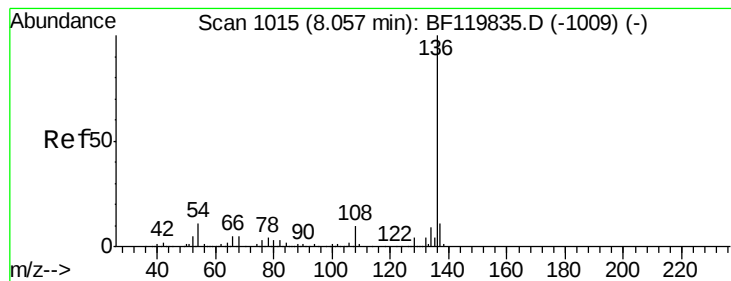
Tot Ion:	70	Resp:	520467
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.2	81.4
101	10.4	7.4	11.2
130	23.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 31.780 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:	107	Resp:	424021
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	167.5	86.6	126.6#
79	28.8	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 725374

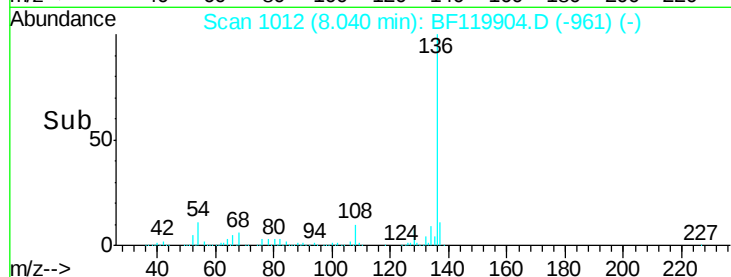
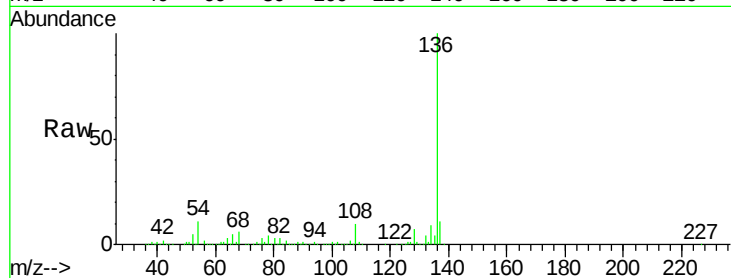
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.0 8.5 12.7

68 5.5 3.9 5.9

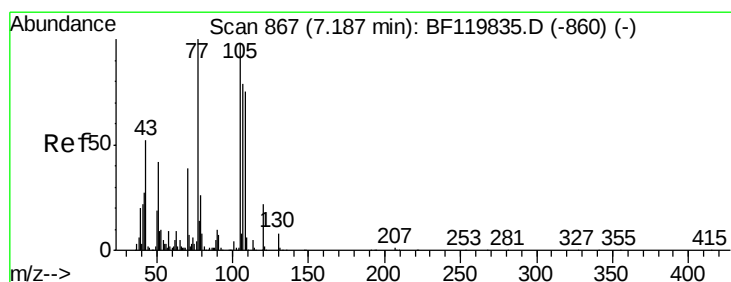
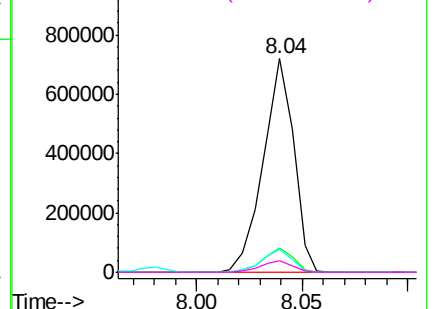


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.702 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:105 Resp: 980129

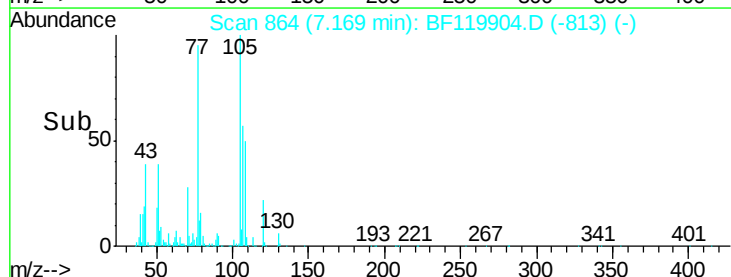
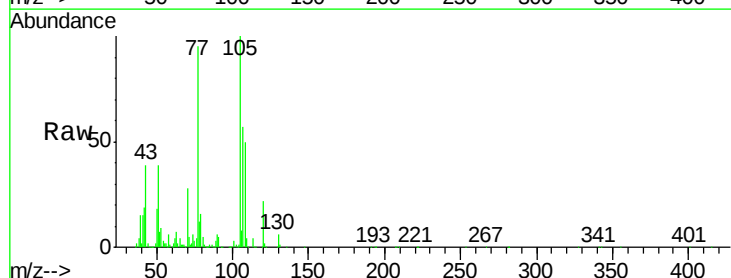
Ion Ratio Lower Upper

105 100

71 4.9 5.6 8.4#

51 38.7 33.9 50.9

120 22.3 17.8 26.8

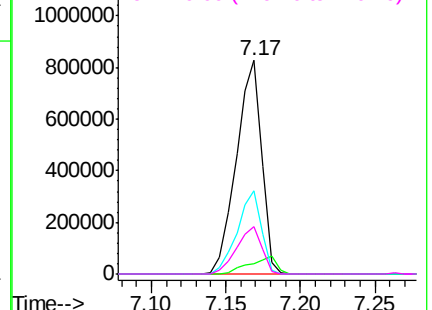


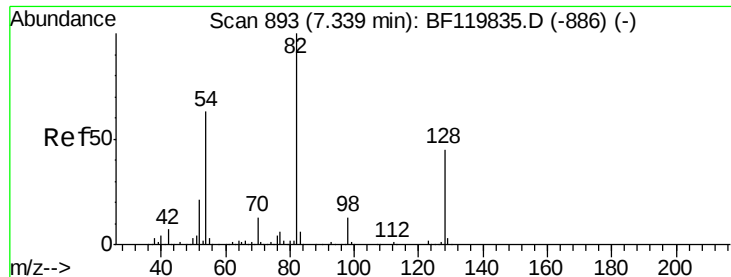
Abundance Ion 105.00 (104.70 to 105.70): E

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

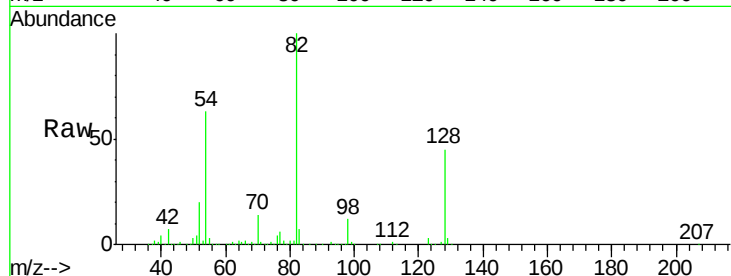




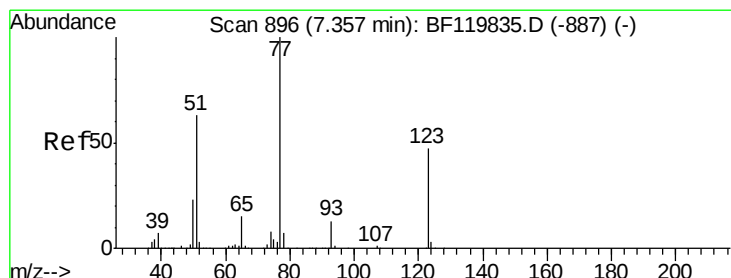
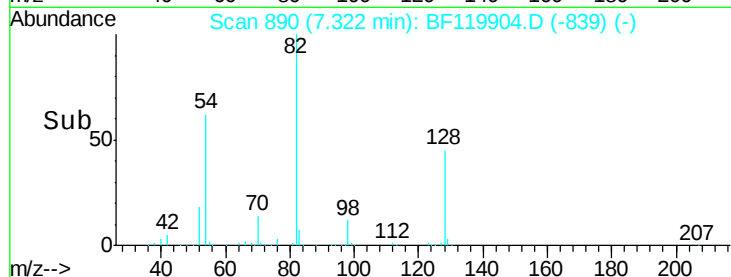
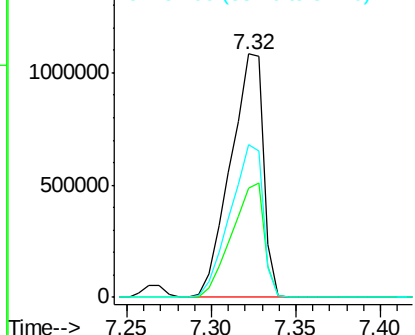
#23
 Nitrobenzene-d5
 Concen: 105.342 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1477034
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.2 54.4
 54 62.9 50.4 75.6

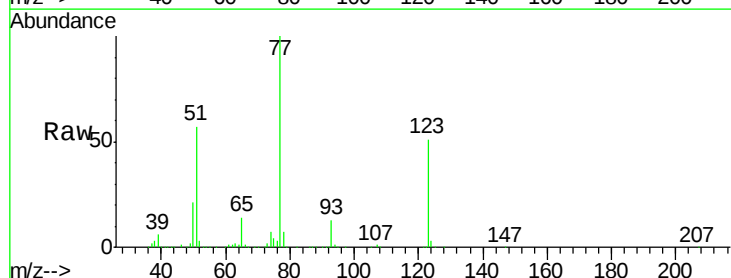


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

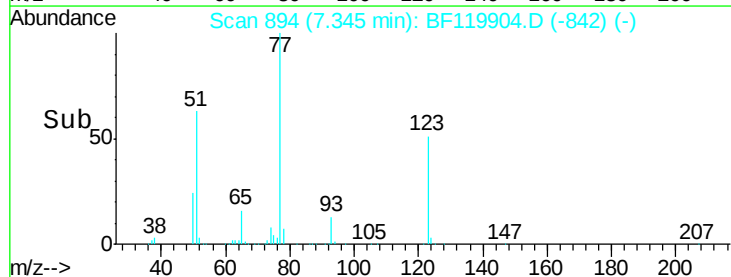
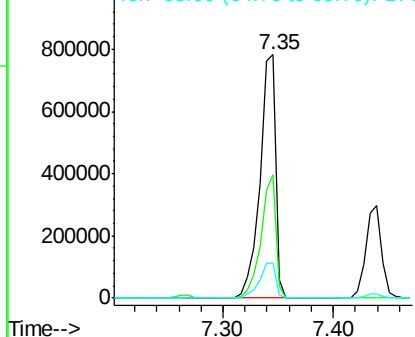


#24
 Nitrobenzene
 Concen: 55.866 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion: 77 Resp: 787980
 Ion Ratio Lower Upper
 77 100
 123 50.7 37.8 56.8
 65 14.4 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: 53.990 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

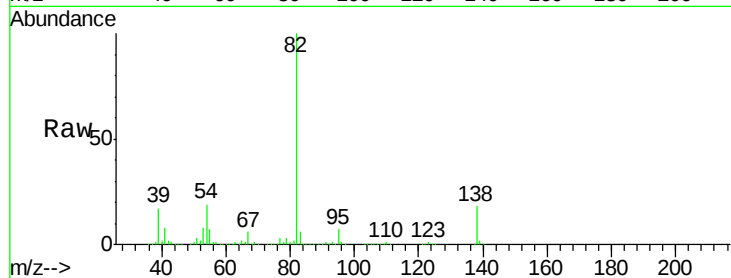
Tot Ion: 82 Resp: 1459291

Ion Ratio Lower Upper

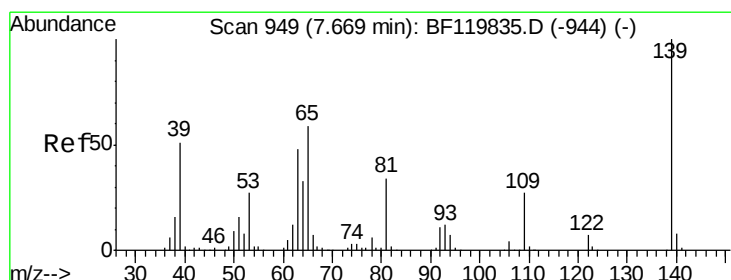
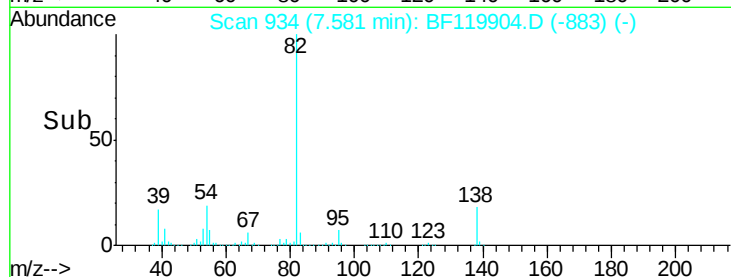
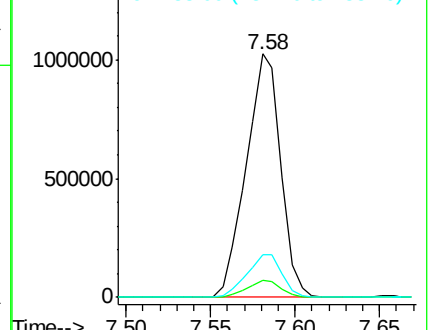
82 100

95 7.0 5.8 8.6

138 17.5 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: 56.168 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

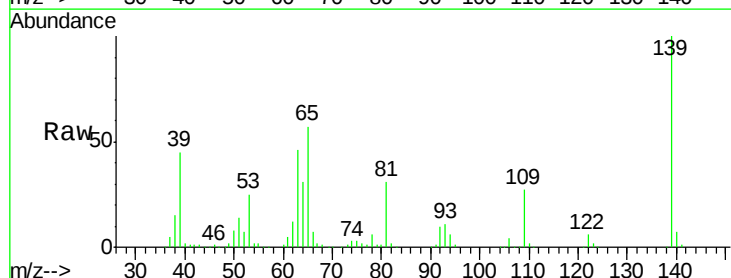
Tgt Ion: 139 Resp: 395807

Ion Ratio Lower Upper

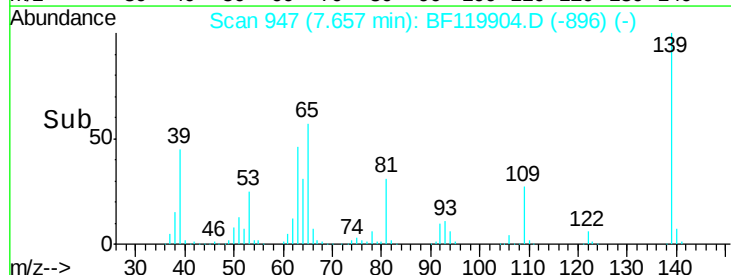
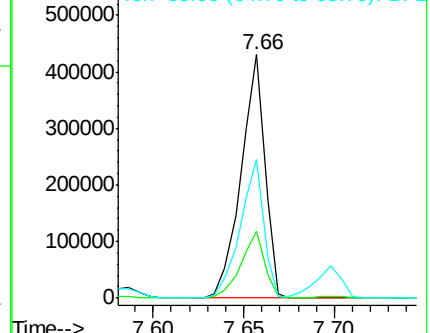
139 100

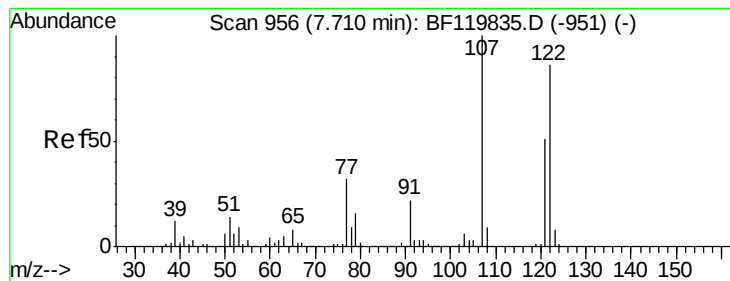
109 27.5 21.8 32.6

65 56.7 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: 51.385 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

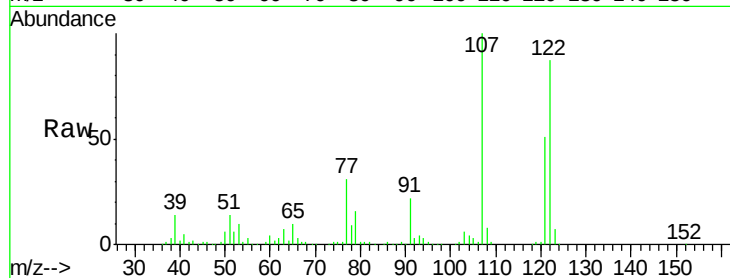
Tot Ion:122 Resp: 546122

Ion Ratio Lower Upper

122 100

107 114.9 92.3 138.5

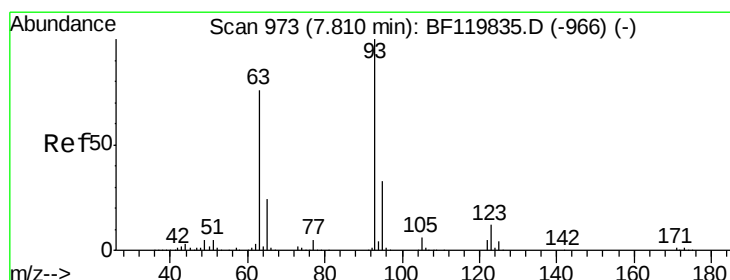
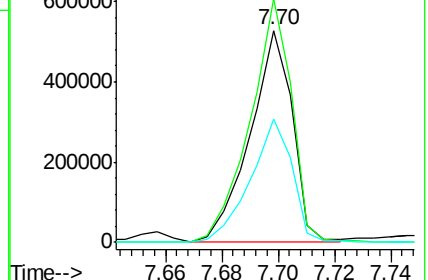
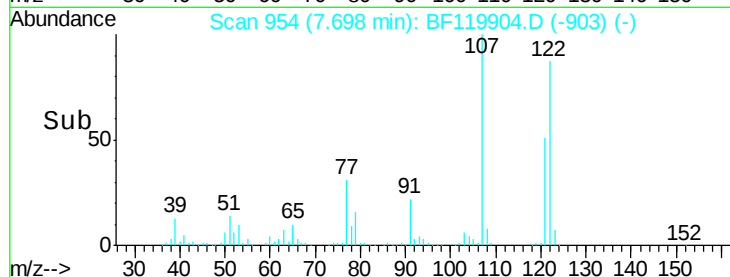
121 58.4 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.371 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

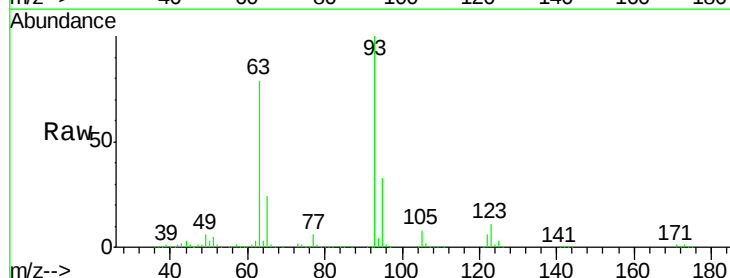
Tgt Ion: 93 Resp: 912490

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

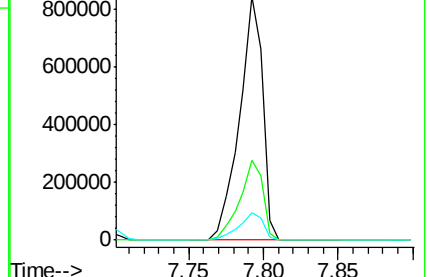
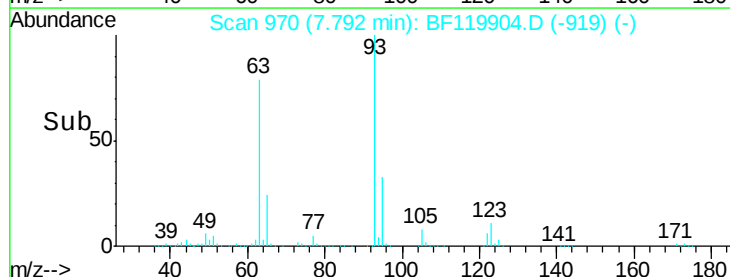
123 11.1 9.7 14.5

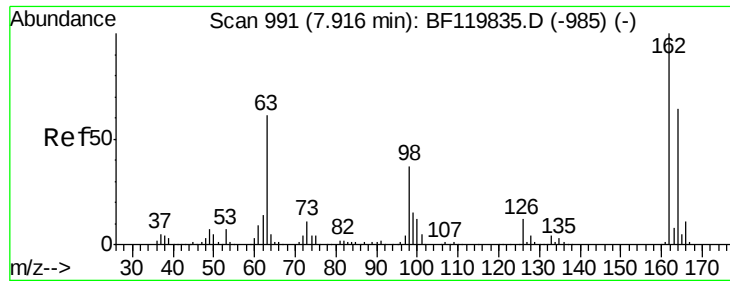


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

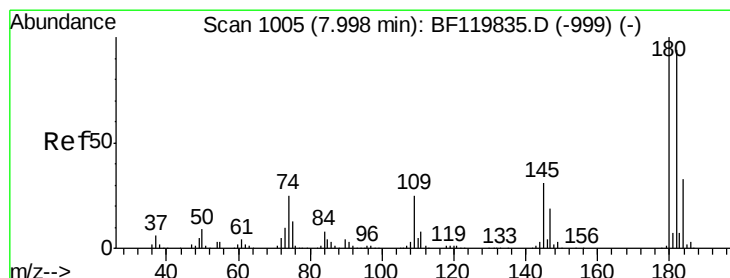
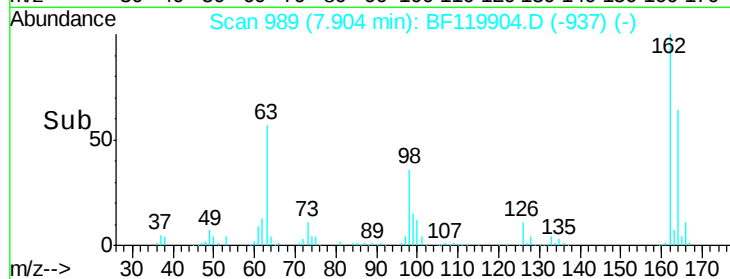
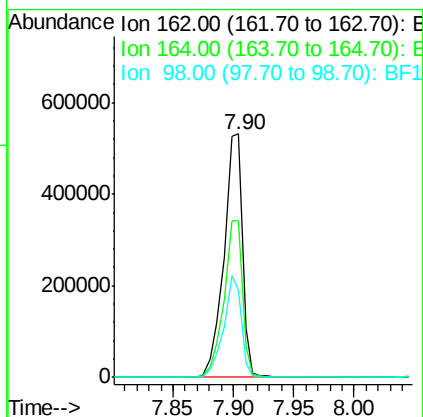
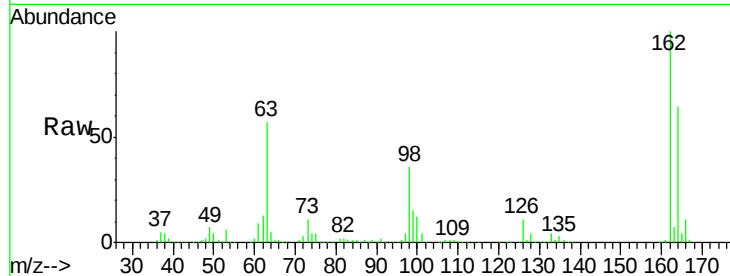




#29
2,4-Dichlorophenol
Concen: 52.117 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

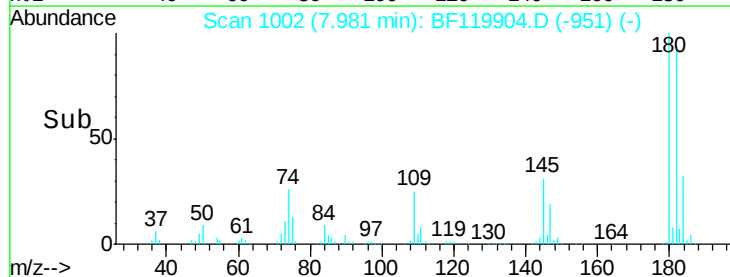
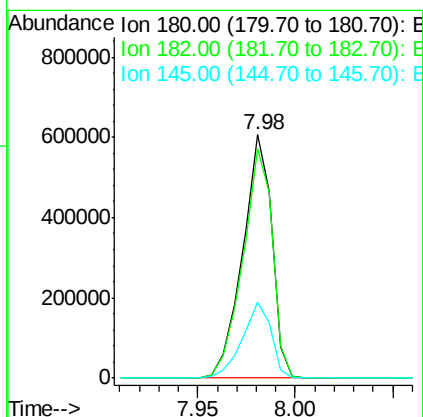
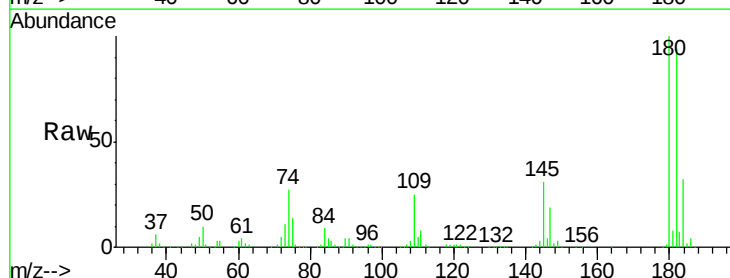
Instrument :
BNA_F
ClientSampleId :

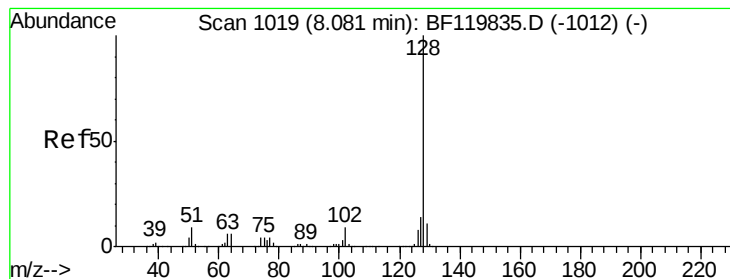
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	35.8	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 50.686 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	31.1	24.6	37.0





#31

Naphthalene

Concen: 52.382 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

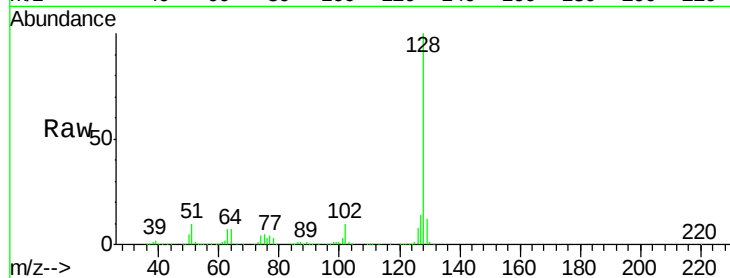
Tot Ion:128 Resp: 1999098

Ion Ratio Lower Upper

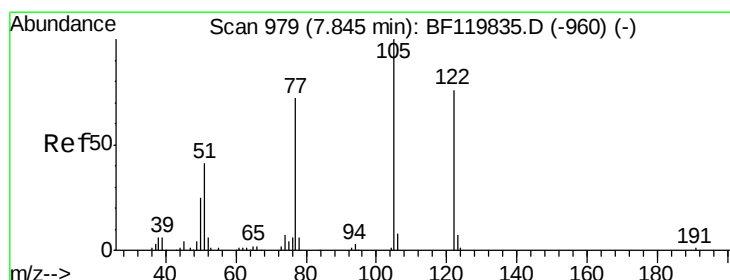
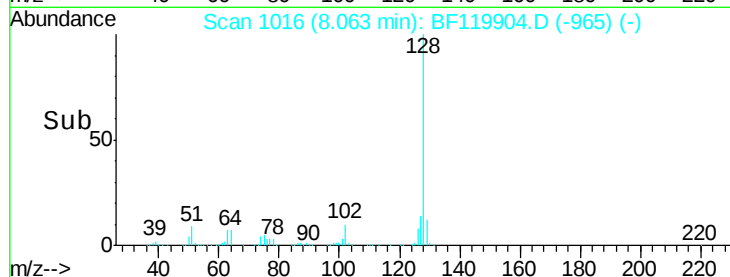
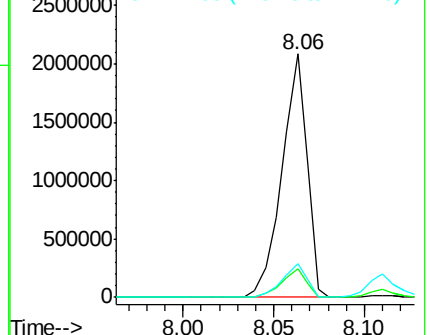
128 100

129 11.8 9.0 13.6

127 13.9 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: 12.987 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.04 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

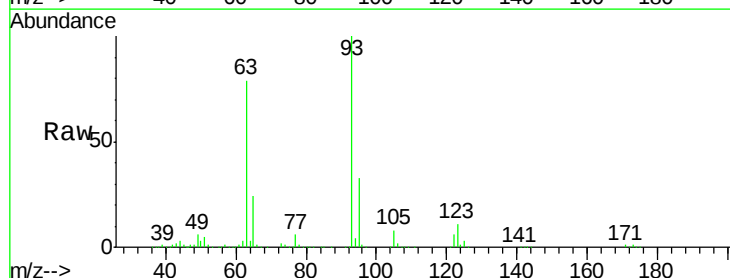
Tgt Ion:122 Resp: 121221

Ion Ratio Lower Upper

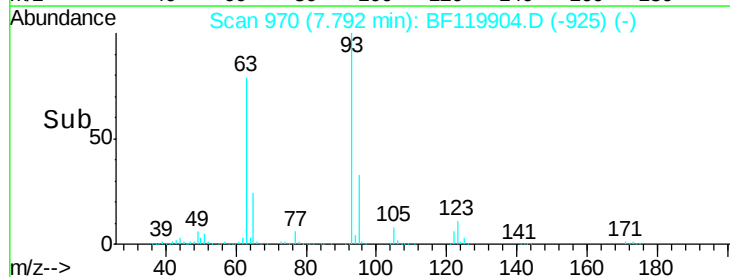
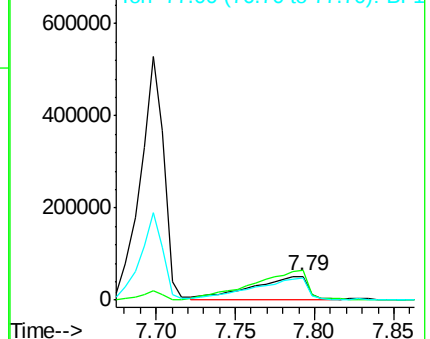
122 100

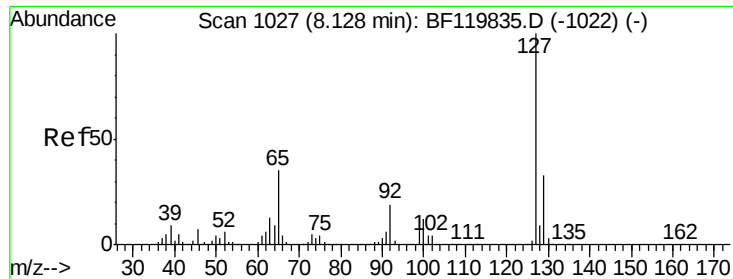
105 123.8 106.7 146.7

77 94.1 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

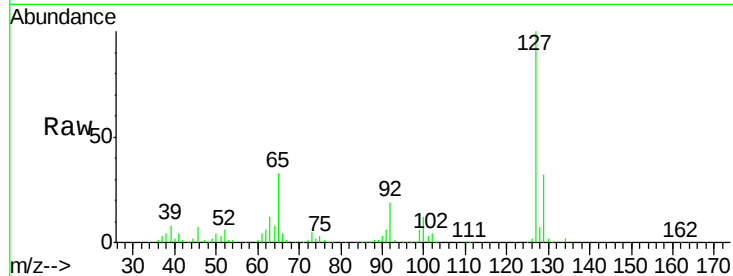




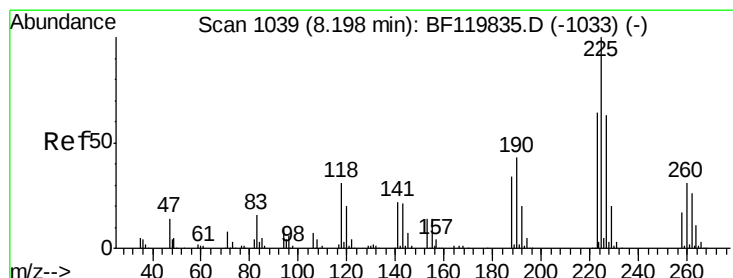
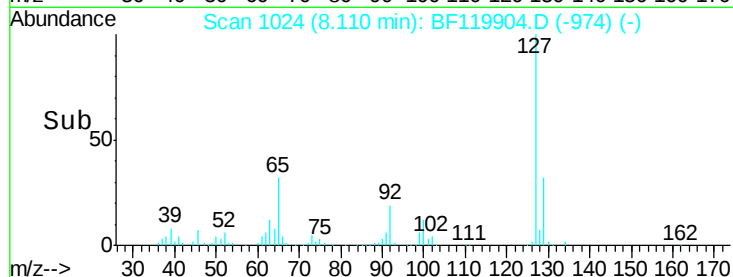
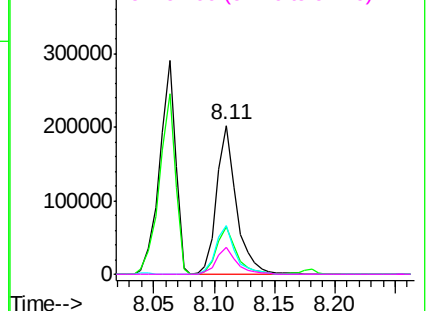
#33
4-Chloroaniline
Concen: 13.602 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	225981
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	32.6	28.3	42.5
92	18.5	15.4	23.2

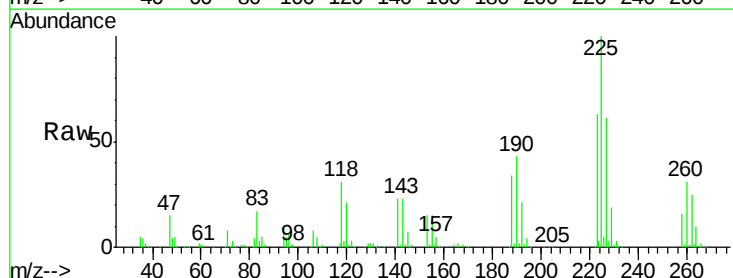


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

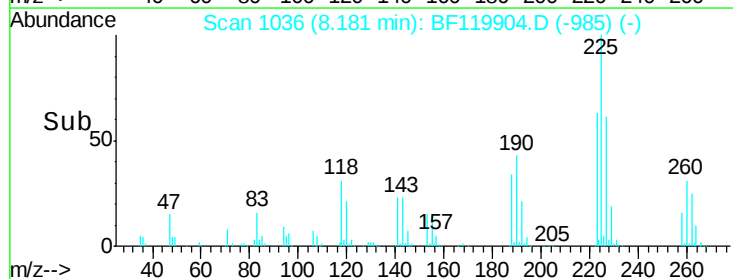
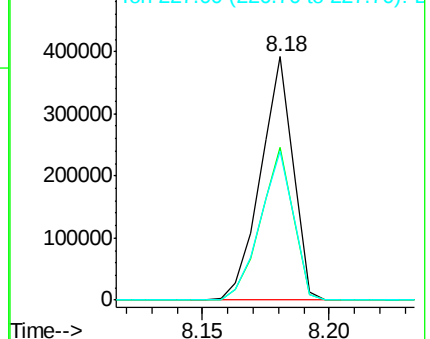


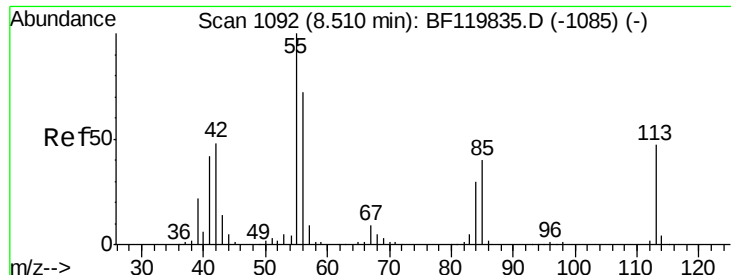
#34
Hexachlorobutadiene
Concen: 47.421 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:	225	Resp:	350393
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	61.3	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

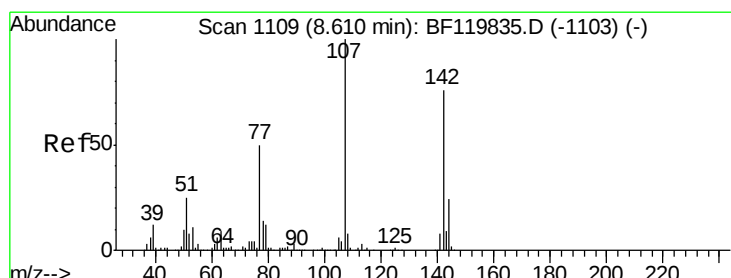
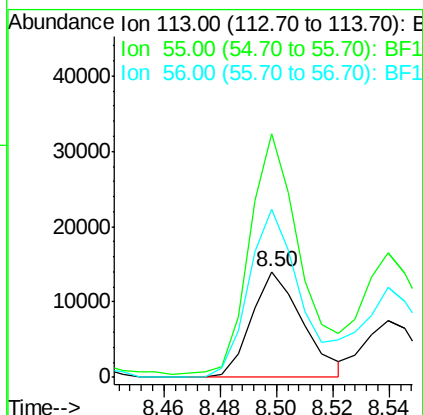
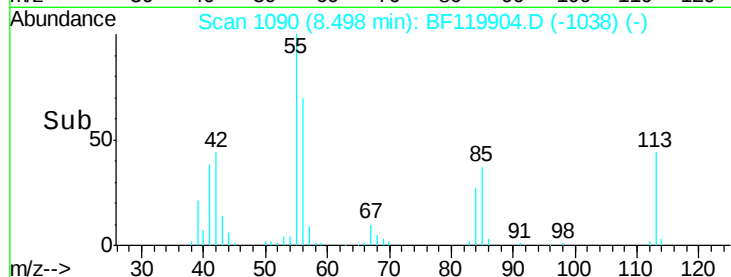
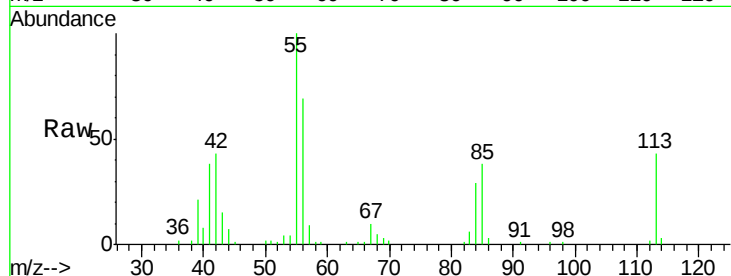




#35
 Caprolactam
 Concen: 5.290 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

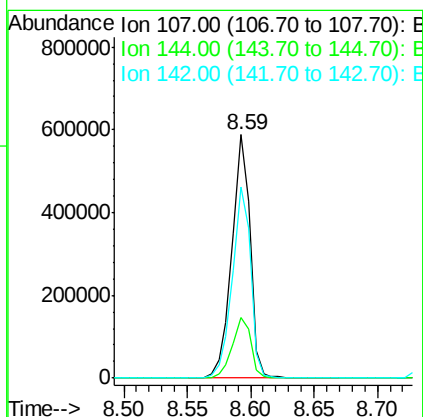
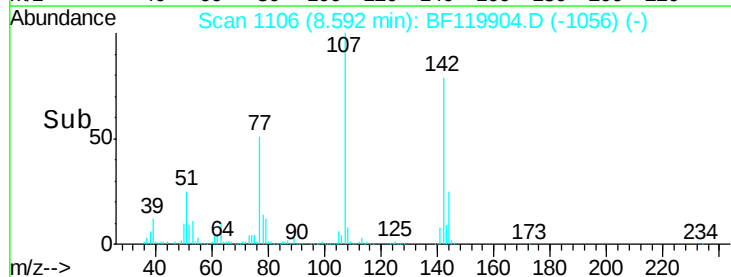
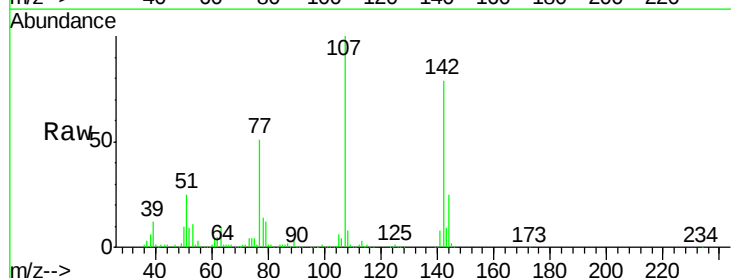
Instrument :
 BNA_F
 ClientSampled :

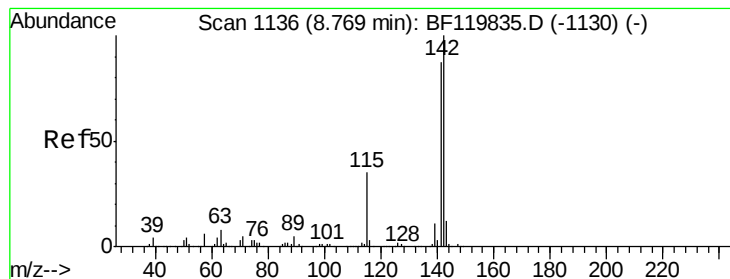
Tot Ion:113 Resp: 17630
 Ion Ratio Lower Upper
 113 100
 55 230.5 192.7 232.7
 56 159.4 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.262 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:107 Resp: 581022
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.5 29.3
 142 78.7 60.5 90.7

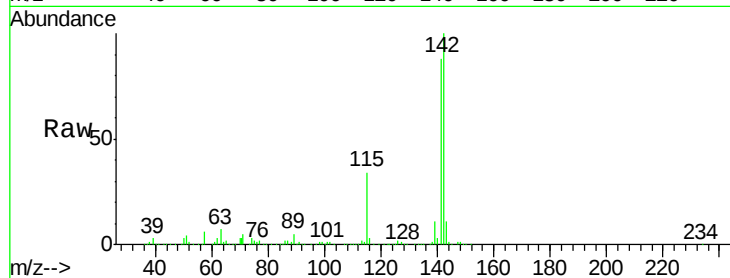




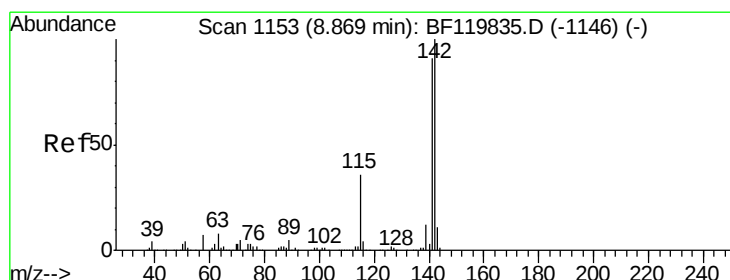
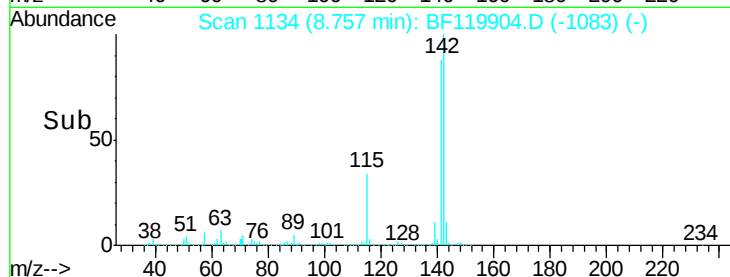
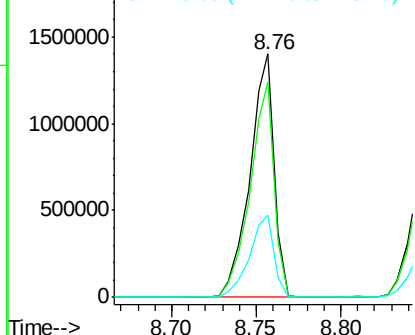
#37
 2-Methylnaphthalene
 Concen: 54.508 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1410344
 Ion Ratio Lower Upper
 142 100
 141 88.5 69.9 104.9
 115 33.8 28.0 42.0

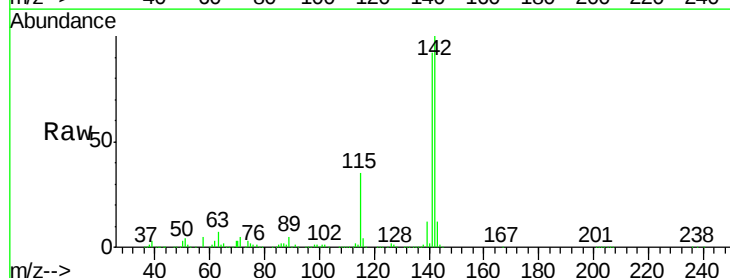


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

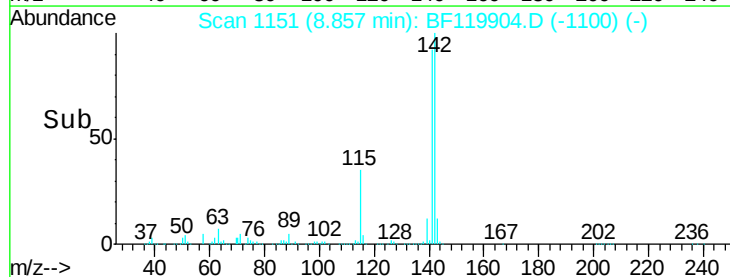
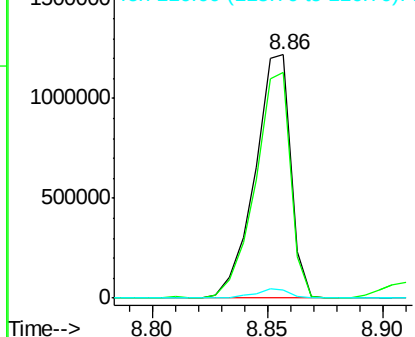


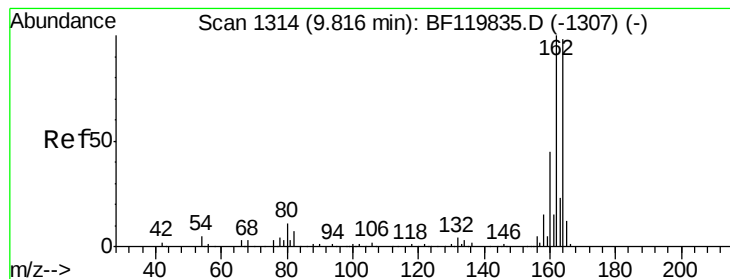
#38
 1-Methylnaphthalene
 Concen: 54.002 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:142 Resp: 1316962
 Ion Ratio Lower Upper
 142 100
 141 92.4 72.9 109.3
 116 3.6 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: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

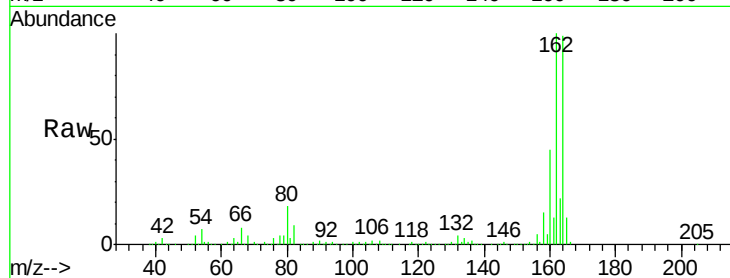
Tot Ion:164 Resp: 378634

Ion Ratio Lower Upper

164 100

162 101.4 81.9 122.9

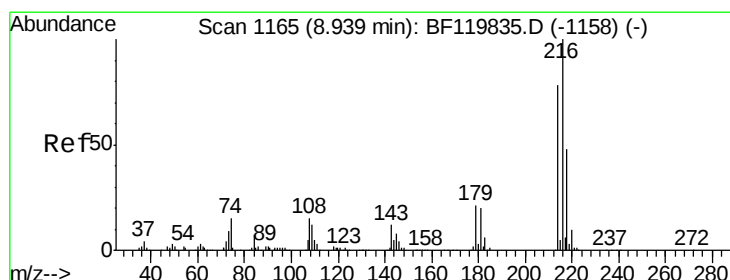
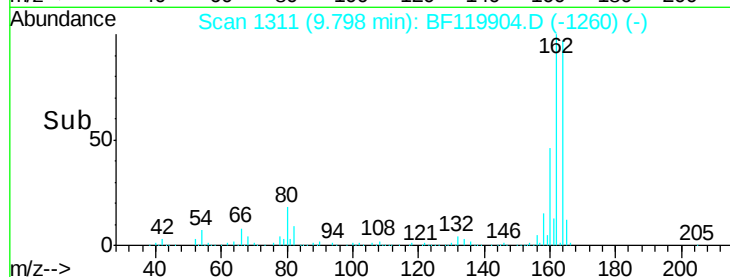
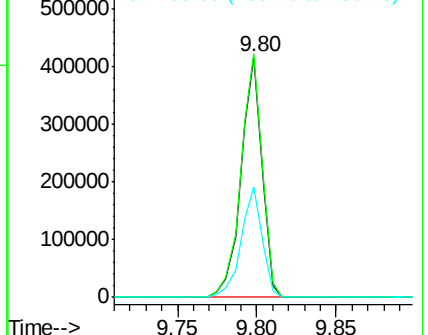
160 46.1 36.6 54.8



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: 50.589 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:216 Resp: 604989

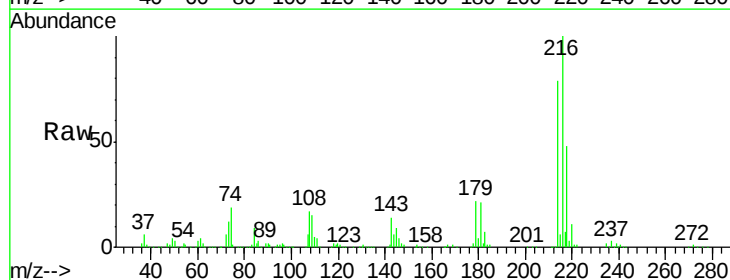
Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

179 21.4 17.0 25.4

108 20.3 14.8 22.2

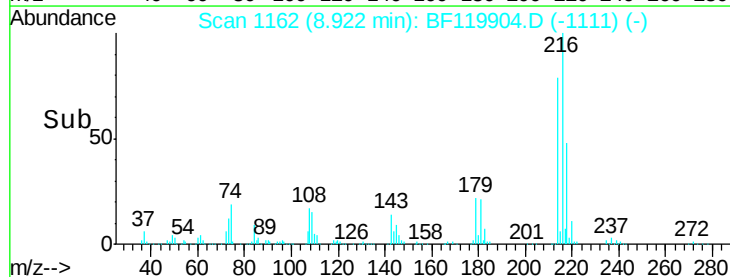
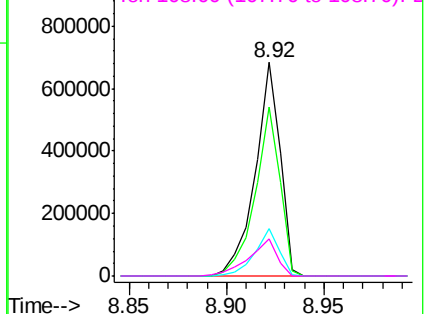


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.484 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

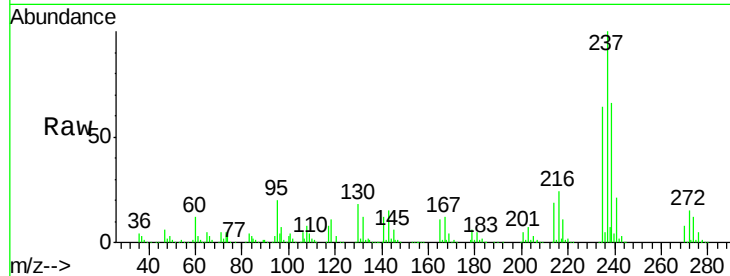
Tot Ion:237 Resp: 656116

Ion Ratio Lower Upper

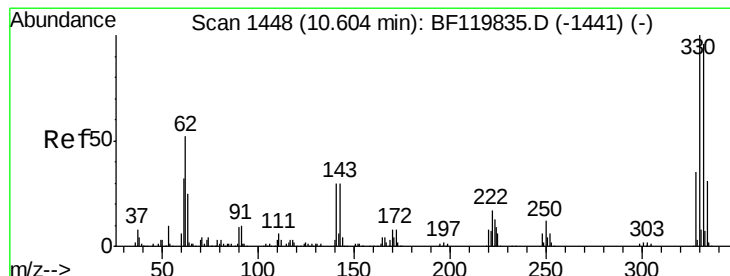
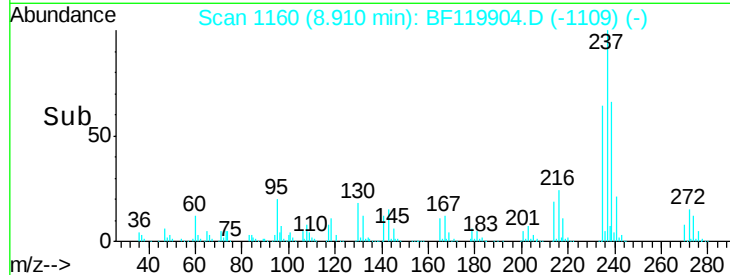
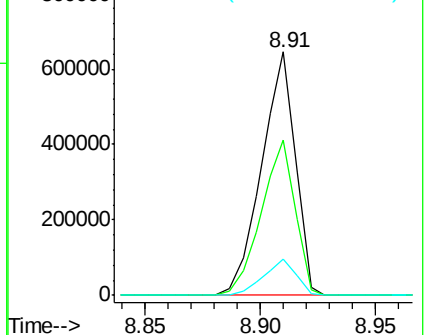
237 100

235 63.8 44.9 84.9

272 14.7 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: 147.928 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

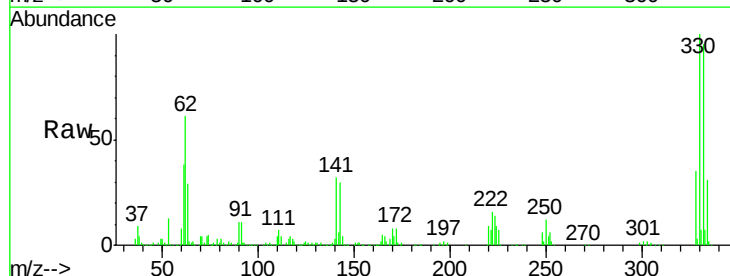
Tgt Ion:330 Resp: 685761

Ion Ratio Lower Upper

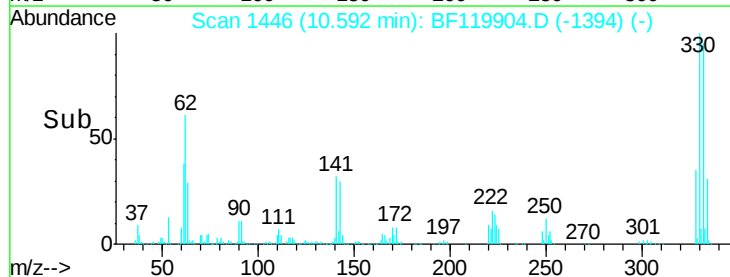
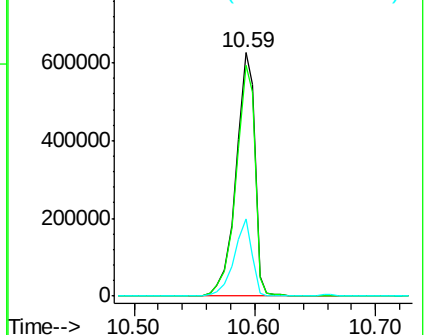
330 100

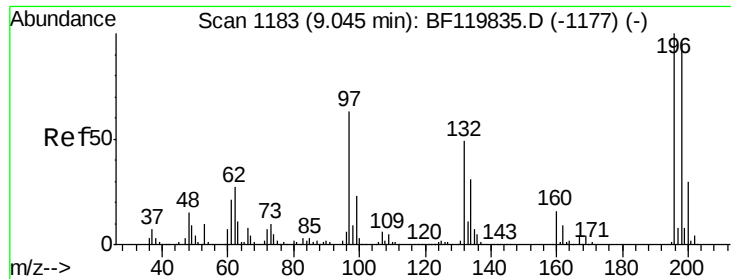
332 95.4 76.8 115.2

141 30.4 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

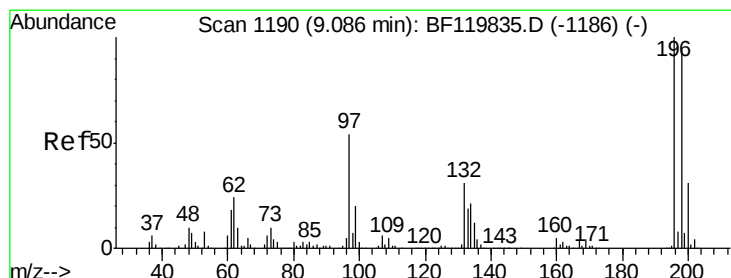
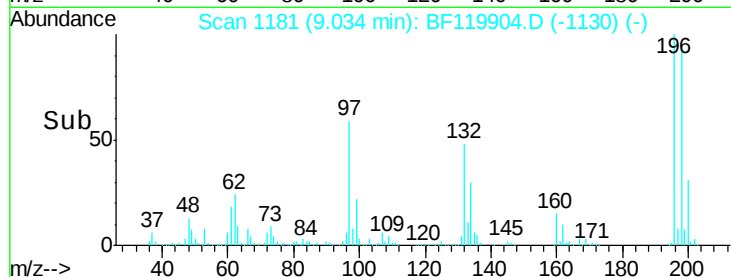
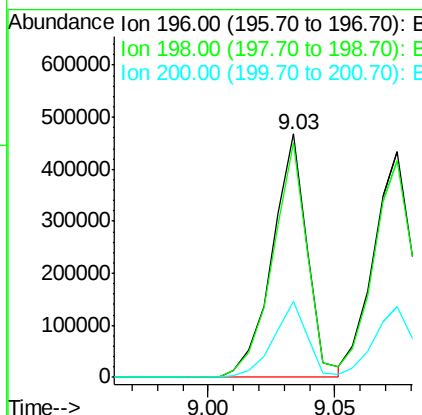
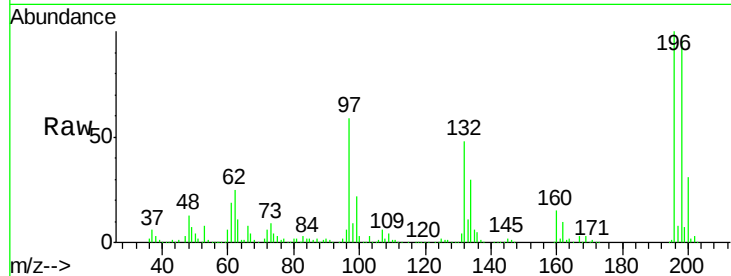




#43
 2,4,6-Trichlorophenol
 Concen: 54.616 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

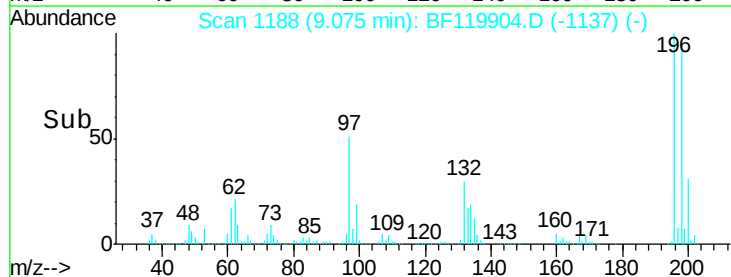
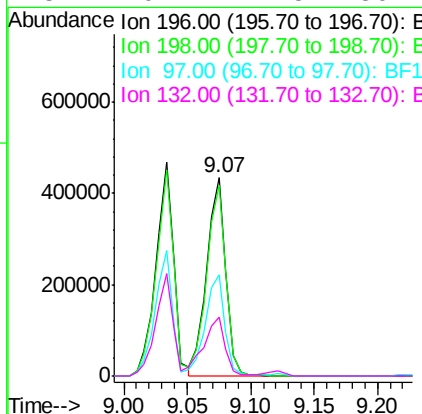
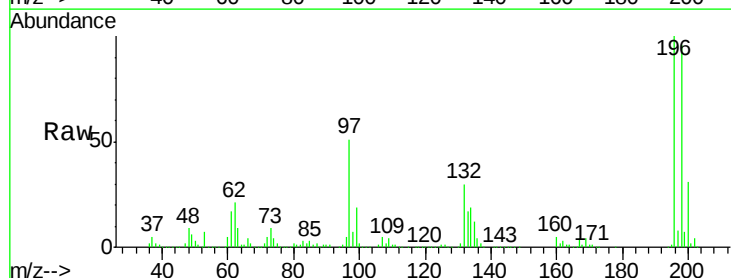
Instrument :
 BNA_F
 ClientSampled :

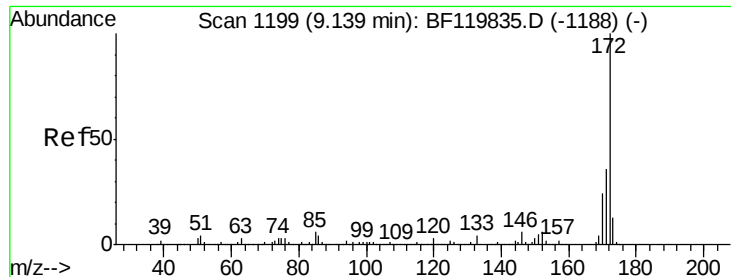
Tot Ion:196 Resp: 451023
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 31.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.472 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:196 Resp: 460148
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.1 112.7
 97 51.1 43.4 65.2
 132 29.7 24.5 36.7



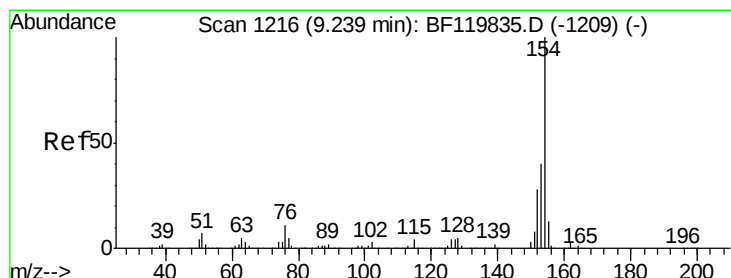
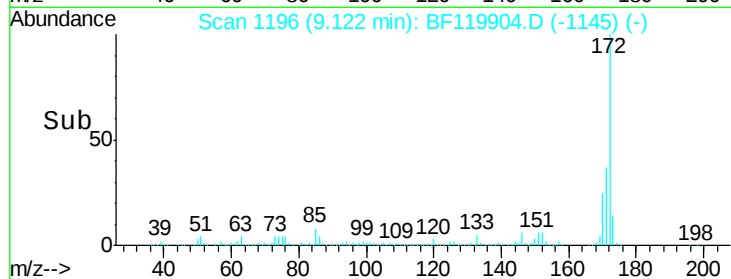
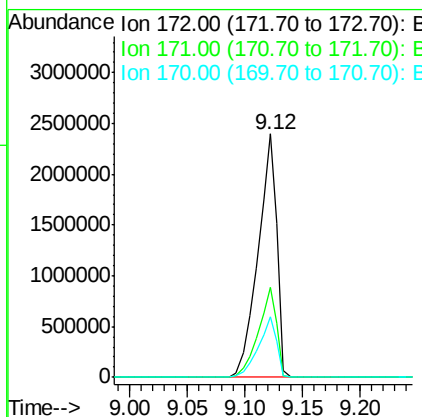
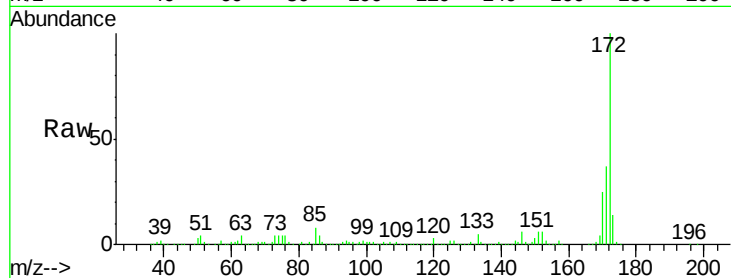


#45
 2-Fluorobiphenyl
 Concen: 102.163 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2724536

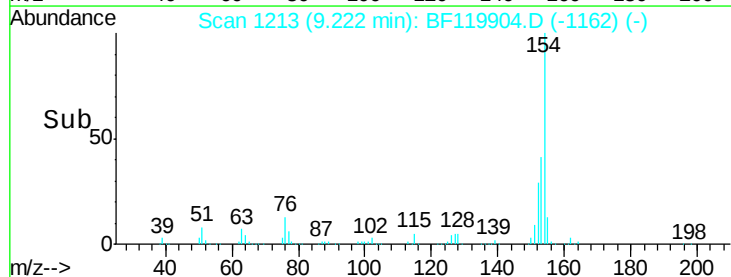
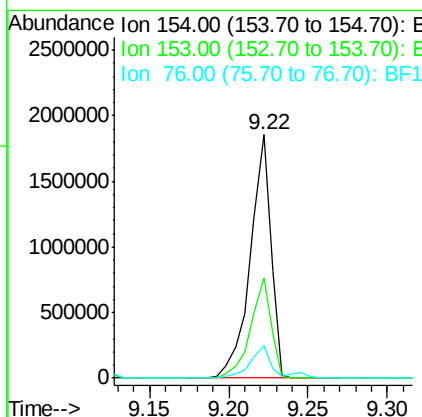
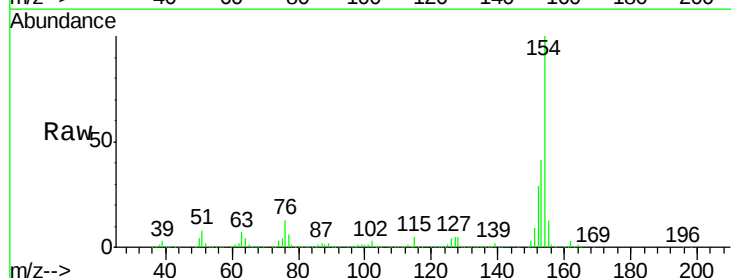
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.8	19.4	29.2

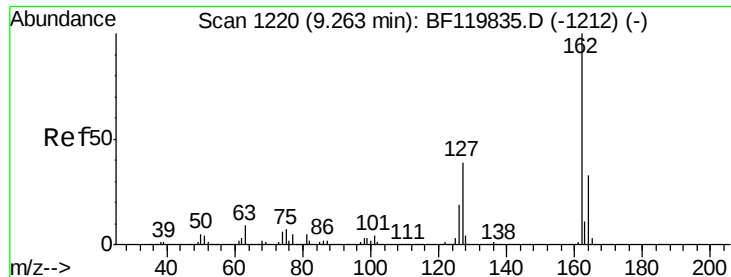


#46
 1,1'-Biphenyl
 Concen: 52.407 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:154 Resp: 1674871

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	13.1	0.0	30.6

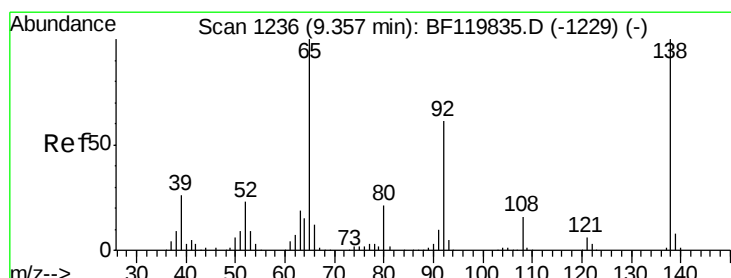
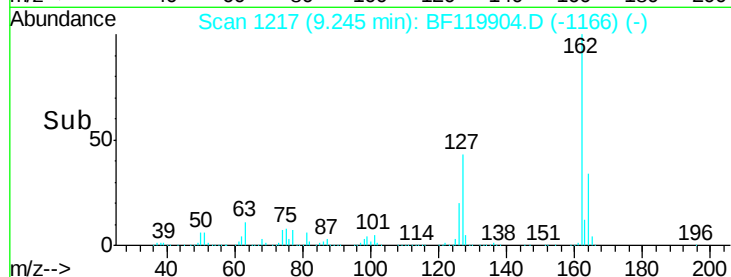
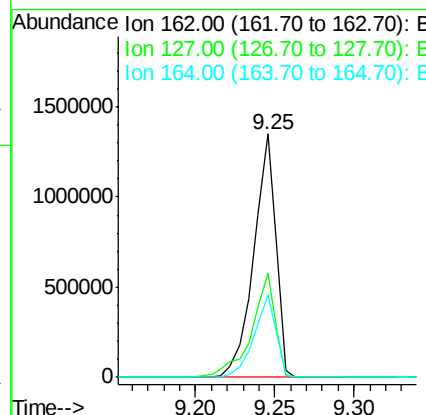
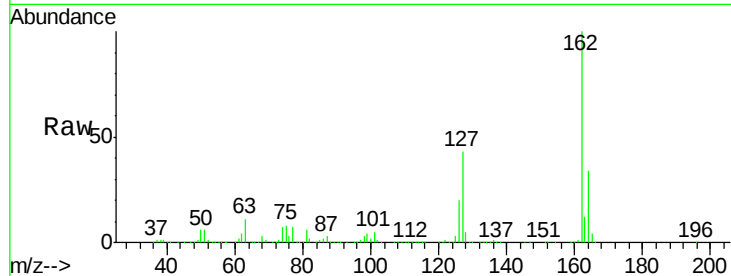




#47
2-Chloronaphthalene
Concen: 52.694 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

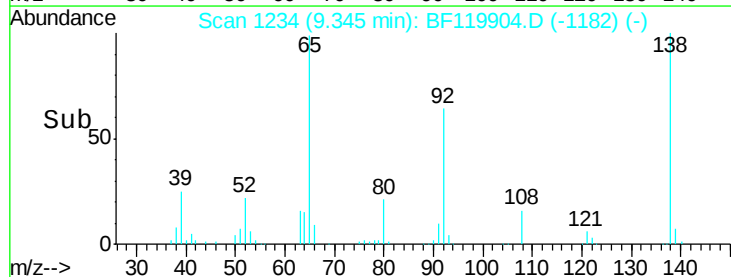
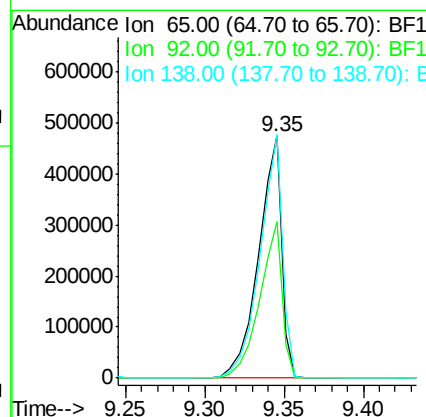
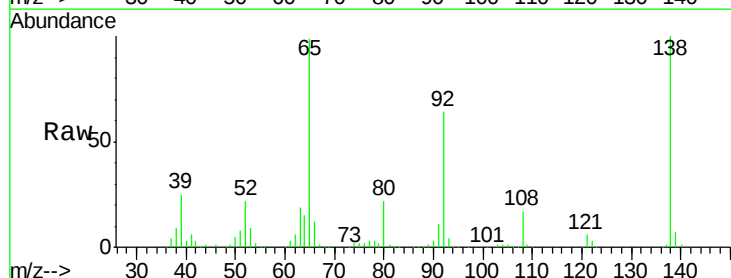
Instrument :
BNA_F
ClientSampleId :

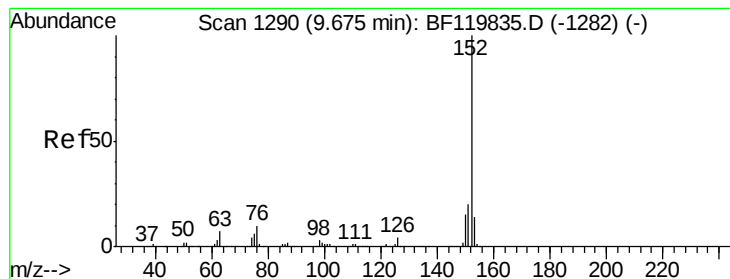
Tot Ion:162 Resp: 1297297
Ion Ratio Lower Upper
162 100
127 42.9 31.2 46.8
164 33.7 26.3 39.5



#48
2-Nitroaniline
Concen: 53.885 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion: 65 Resp: 480746
Ion Ratio Lower Upper
65 100
92 64.8 49.0 73.6
138 100.7 79.7 119.5





#49

Acenaphthylene

Concen: 54.288 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

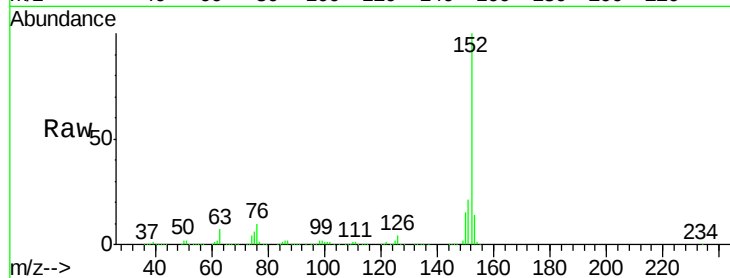
Tot Ion:152 Resp: 2032625

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

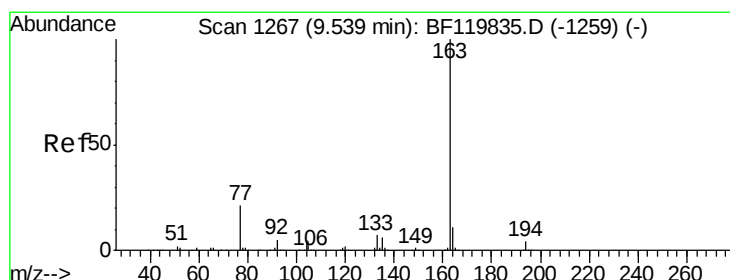
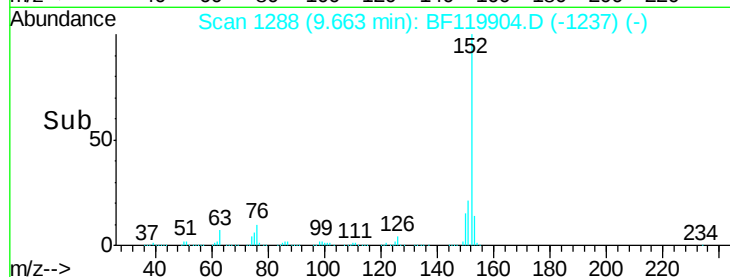
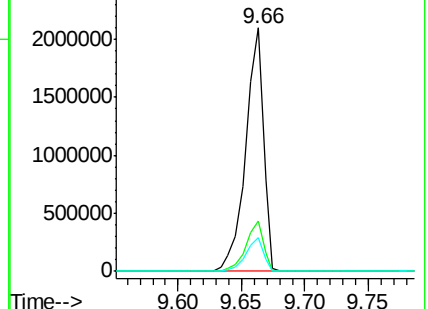
153 13.8 10.9 16.3



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: 56.797 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

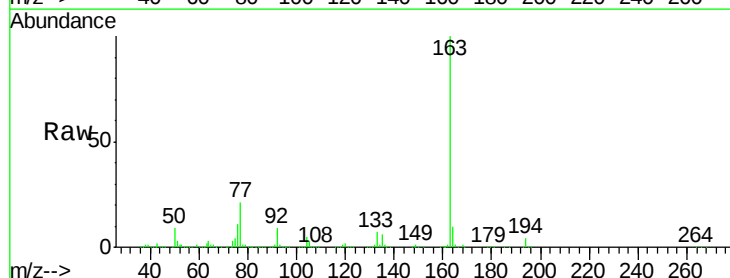
Tgt Ion:163 Resp: 1663412

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

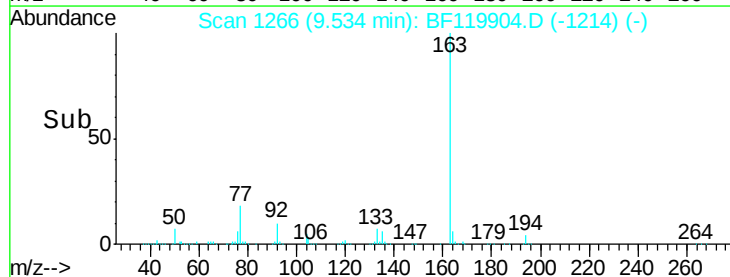
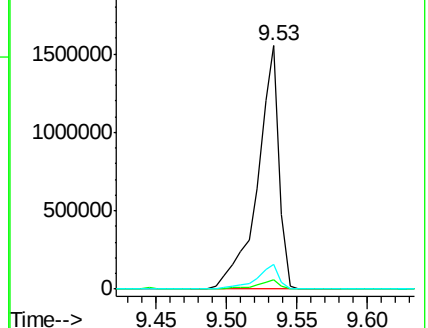
164 10.0 8.4 12.6

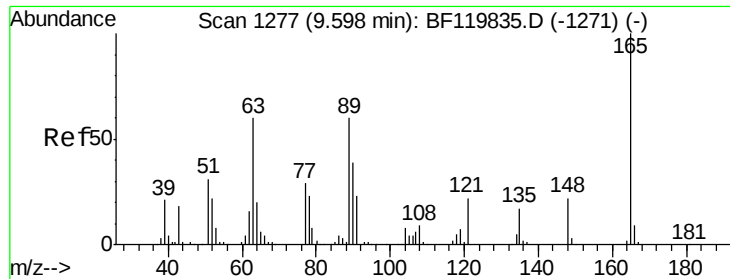


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 56.105 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

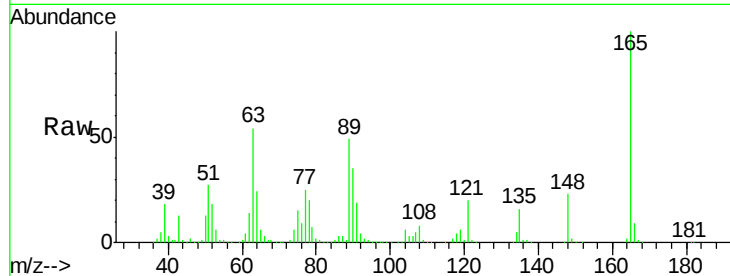
Tot Ion:165 Resp: 359821

Ion Ratio Lower Upper

165 100

63 53.7 55.6 83.4#

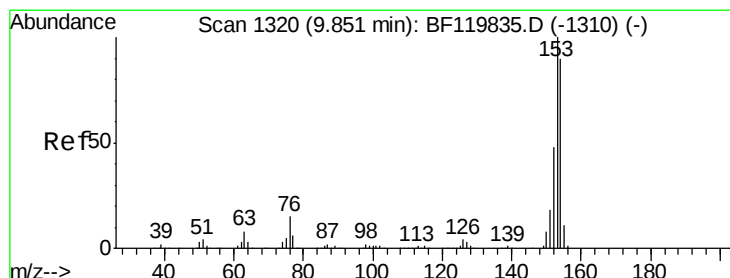
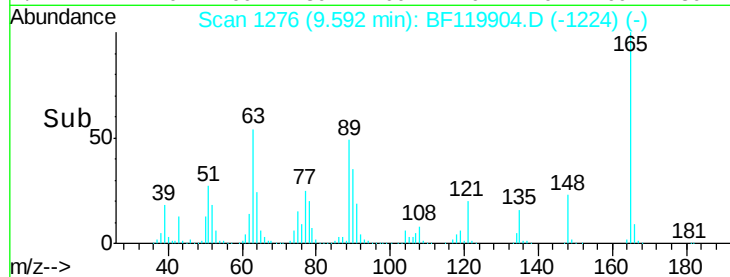
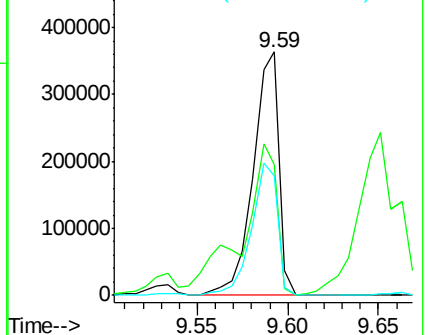
89 49.2 47.9 71.9



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: 50.298 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

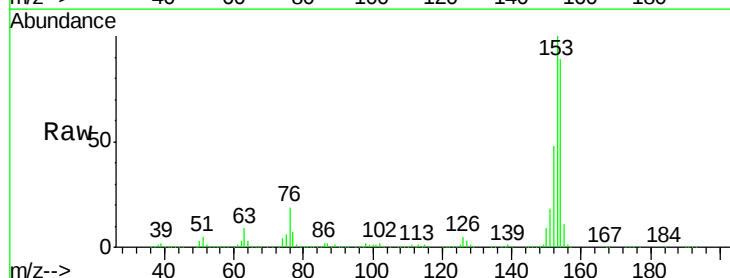
Tgt Ion:154 Resp: 1256246

Ion Ratio Lower Upper

154 100

153 112.0 88.8 133.2

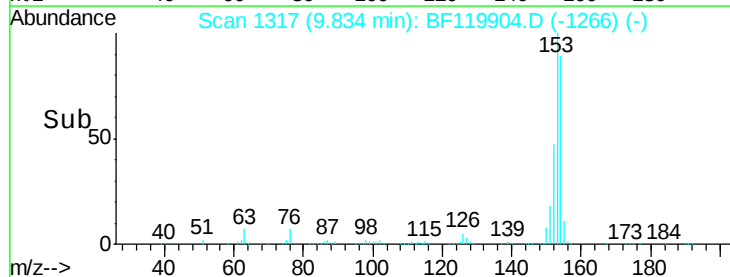
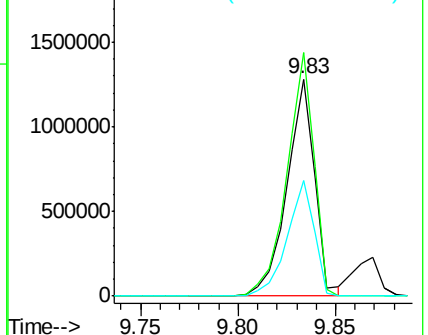
152 53.3 42.4 63.6

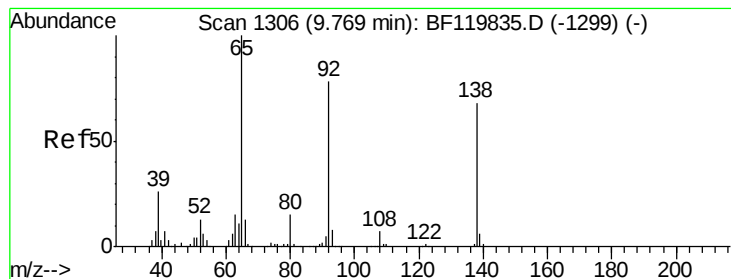


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.995 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

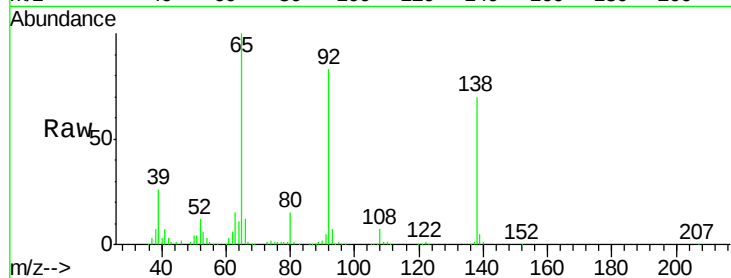
Tot Ion:138 Resp: 131810

Ion Ratio Lower Upper

138 100

108 9.7 8.0 12.0

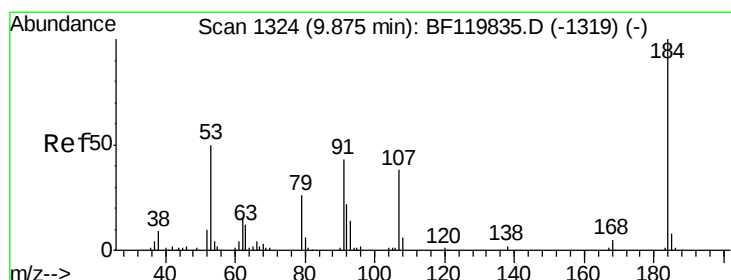
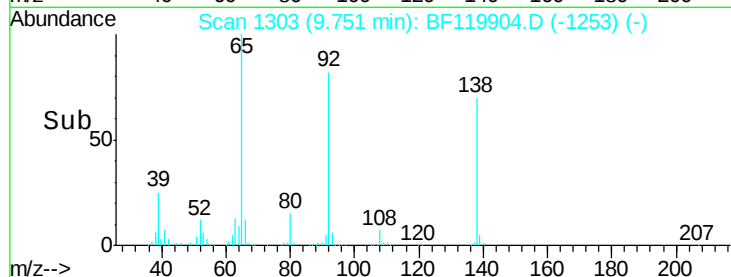
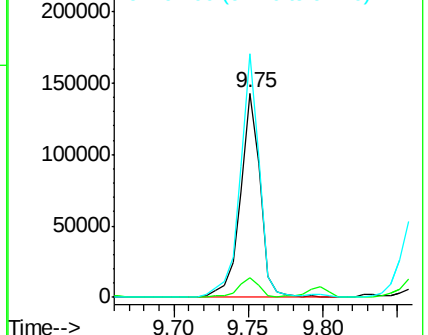
92 119.3 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 111.377 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

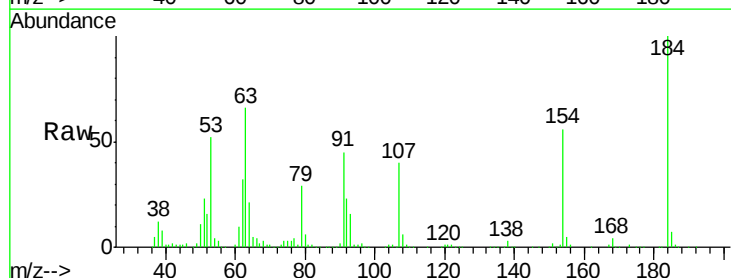
Tgt Ion:184 Resp: 427648

Ion Ratio Lower Upper

184 100

63 65.8 49.8 74.6

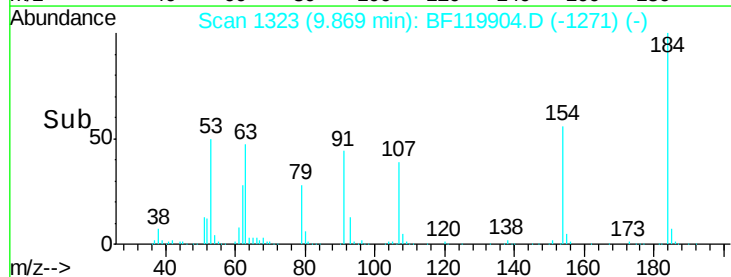
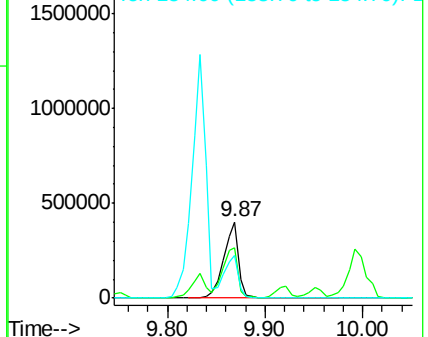
154 56.2 46.5 69.7

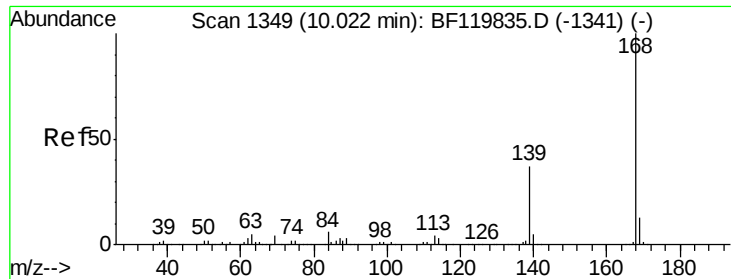


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

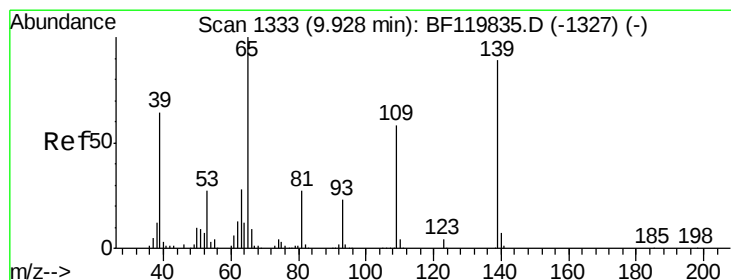
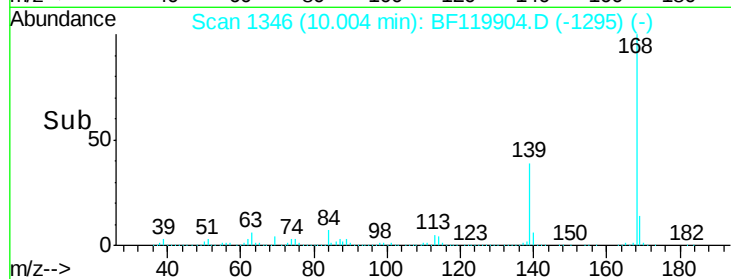
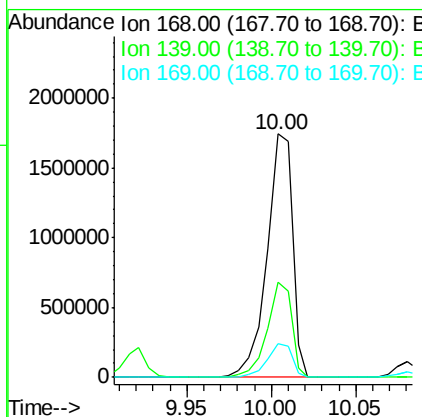
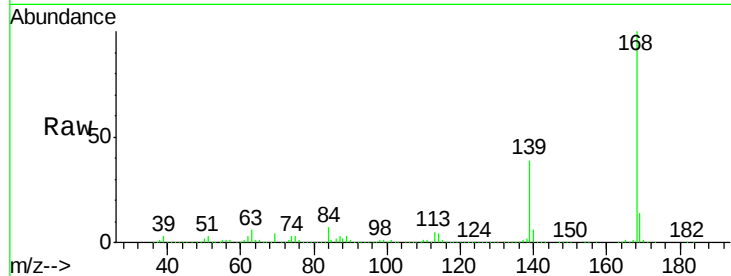




#55
Dibenzofuran
Concen: 53.050 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

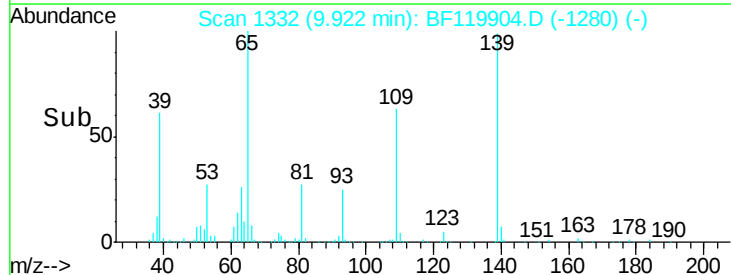
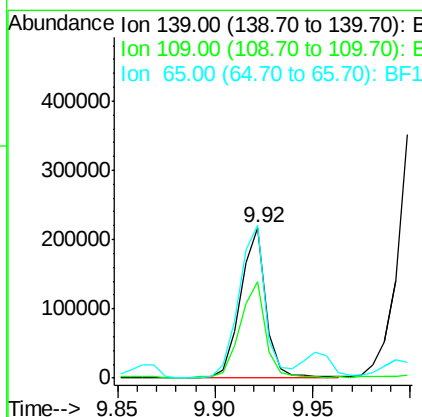
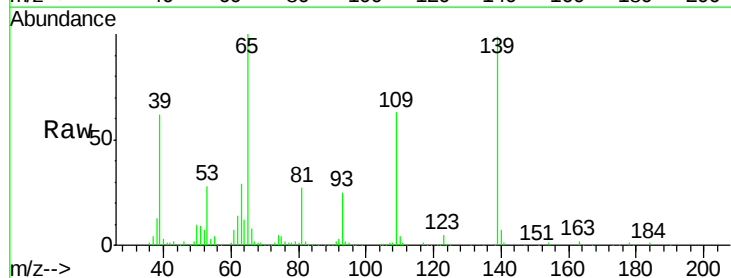
Instrument :
BNA_F
ClientSampleId :

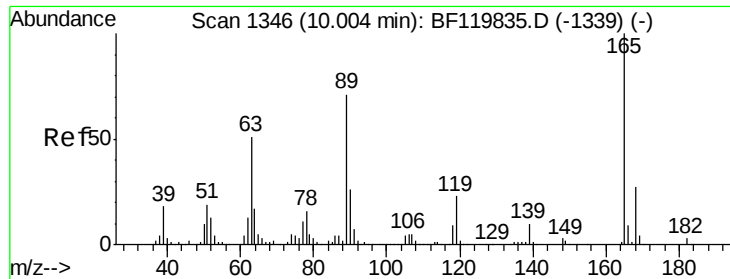
Tot Ion:168 Resp: 1818210
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.6
169 14.0 10.6 15.8



#56
4-Nitrophenol
Concen: 36.102 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:139 Resp: 196754
Ion Ratio Lower Upper
139 100
109 63.6 45.5 85.5
65 101.3 92.3 132.3

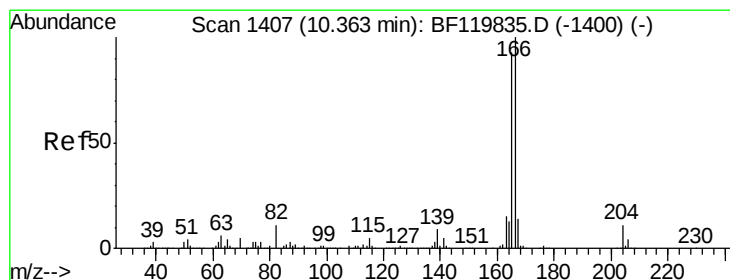
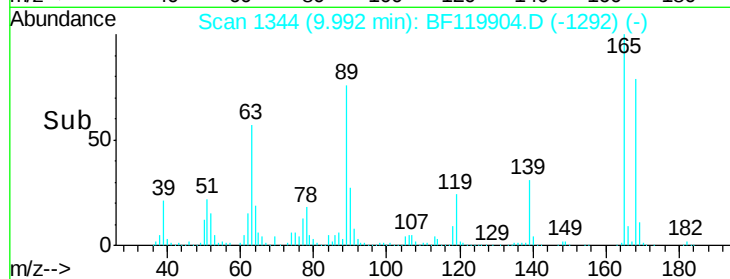
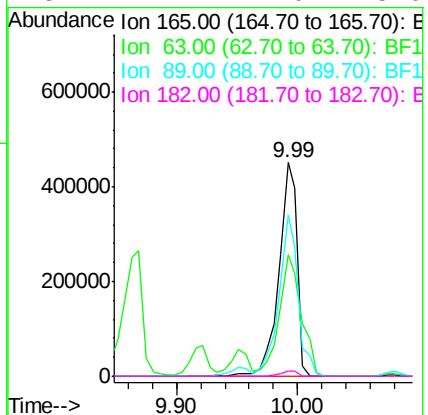
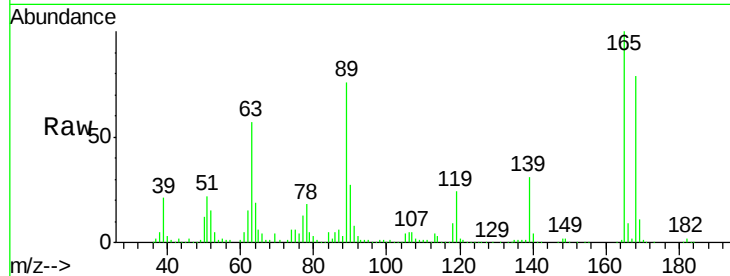




#57
2,4-Dinitrotoluene
Concen: 55.705 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

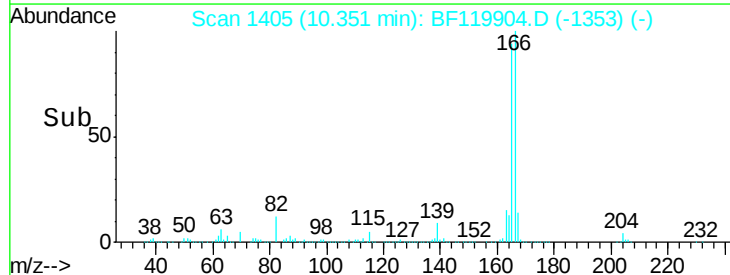
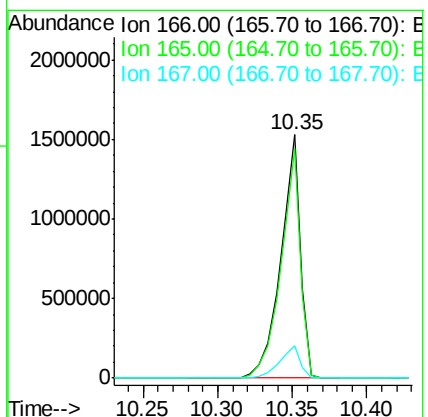
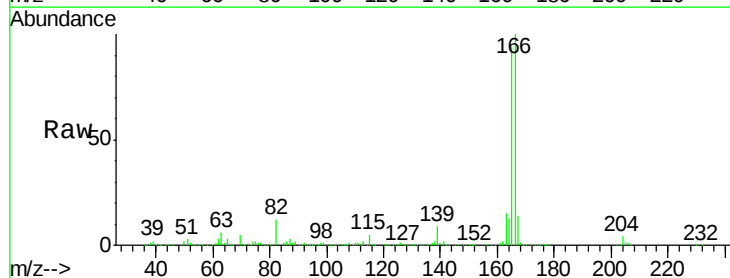
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	470685
Ion Ratio	Lower	Upper
165	100	
63	56.9	40.8 61.2
89	75.8	56.9 85.3
182	2.4	2.0 3.0



#58
Fluorene
Concen: 51.517 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:166	Resp:	1412081
Ion Ratio	Lower	Upper
166	100	
165	94.2	74.2 111.2
167	13.6	10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.990 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 391177

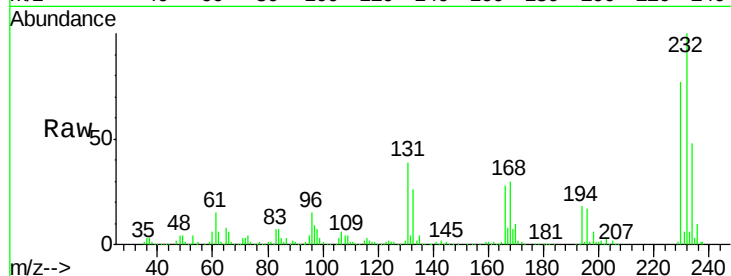
Ion Ratio Lower Upper

232 100

131 46.2 37.9 56.9

130 2.3 1.8 2.6

166 31.3 25.4 38.0

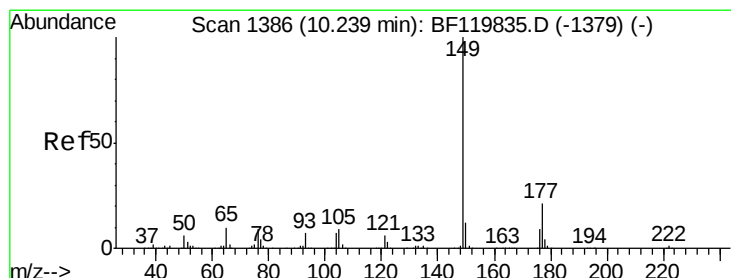
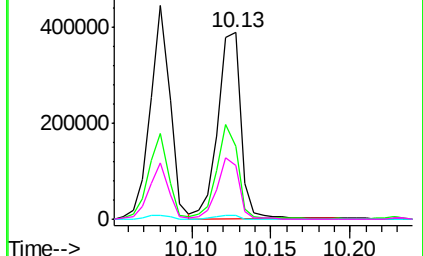
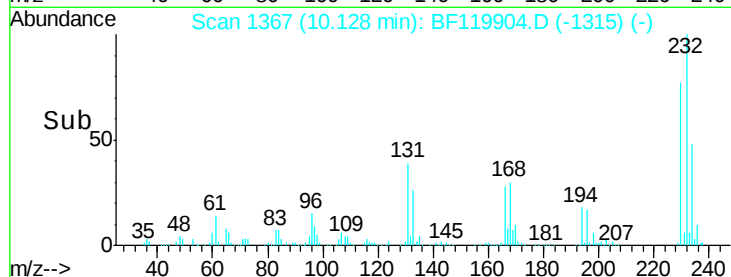


Abundance Ion 232.00 (231.70 to 232.70): E

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: 52.106 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

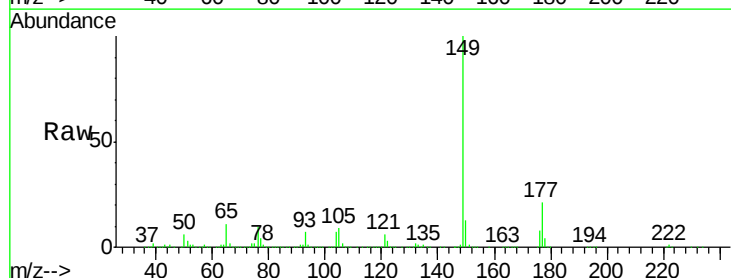
Tgt Ion:149 Resp: 1581630

Ion Ratio Lower Upper

149 100

177 21.3 16.8 25.2

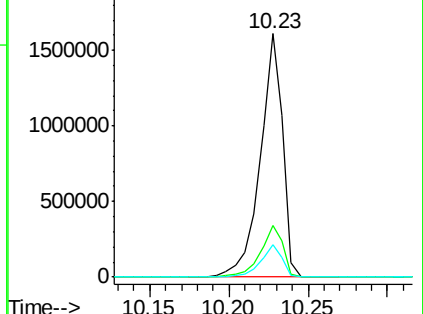
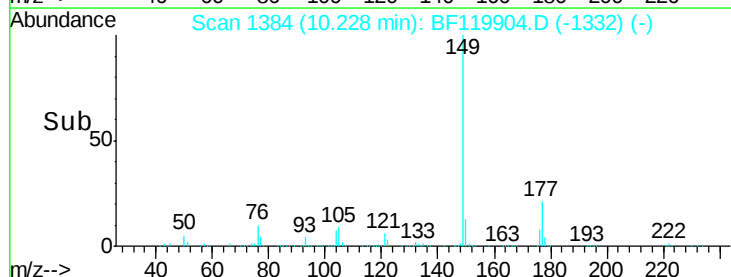
150 13.3 9.8 14.6

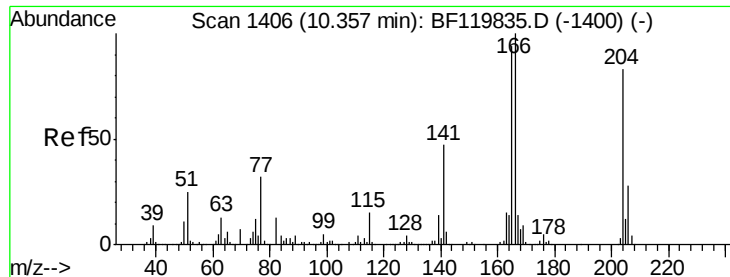


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

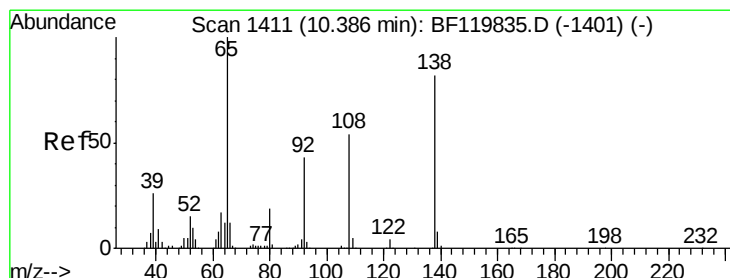
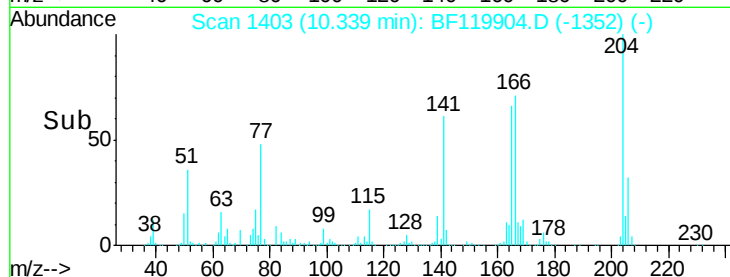
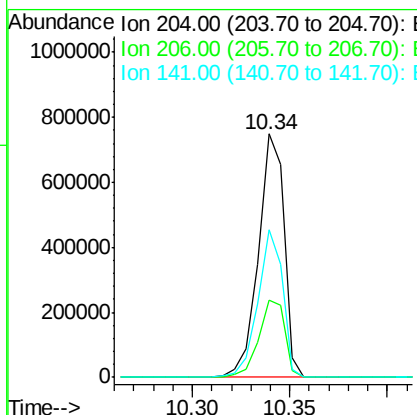
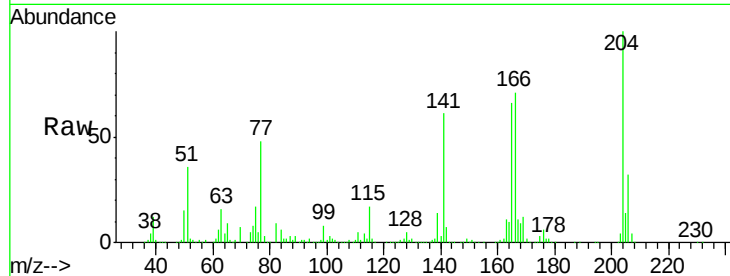




#61
 4-Chlorophenyl-phenylether
 Concen: 48.644 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

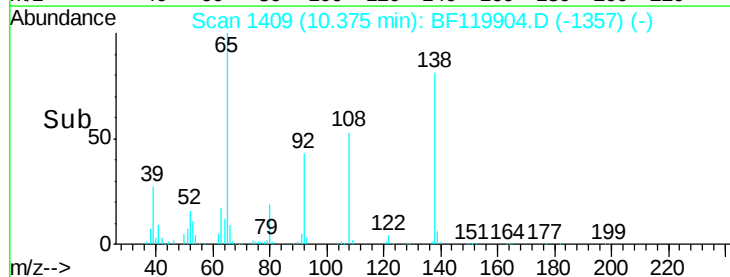
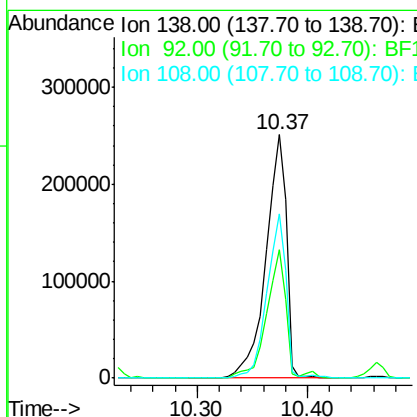
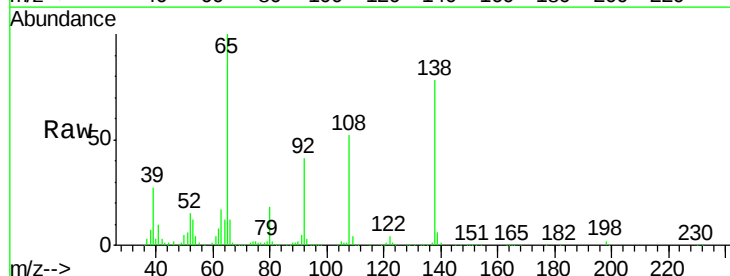
Instrument :
 BNA_F
 ClientSampleId :

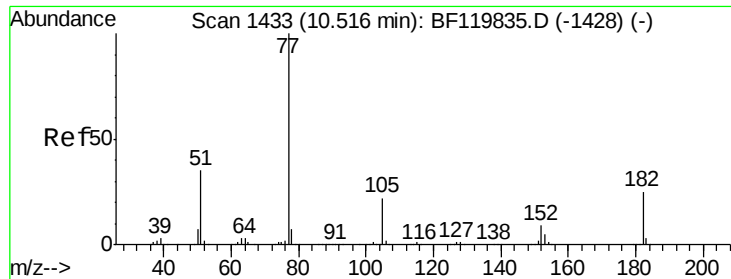
Tot Ion:204 Resp: 683385
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.7 40.1
 141 60.6 45.8 68.8



#62
 4-Nitroaniline
 Concen: 47.002 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:138 Resp: 328097
 Ion Ratio Lower Upper
 138 100
 92 52.7 31.6 71.6
 108 67.4 45.2 85.2





#63

Azobenzene

Concen: 55.034 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1497074

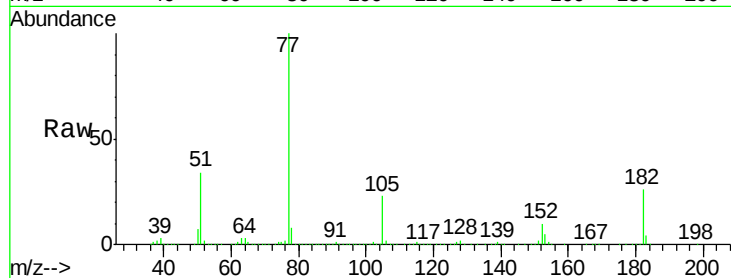
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 22.9 2.2 42.2

51 34.4 15.1 55.1

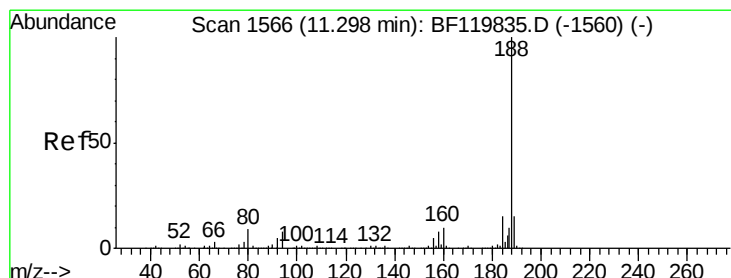
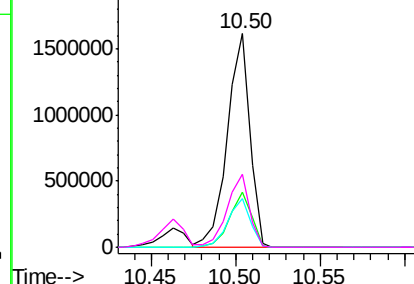
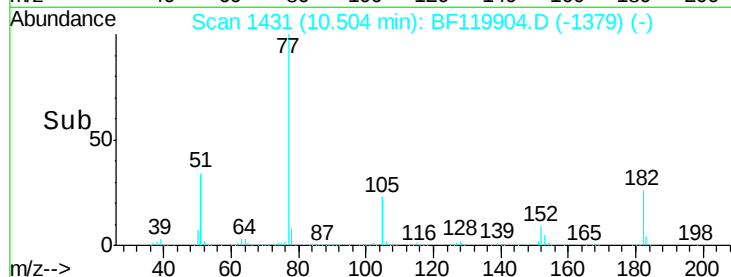


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

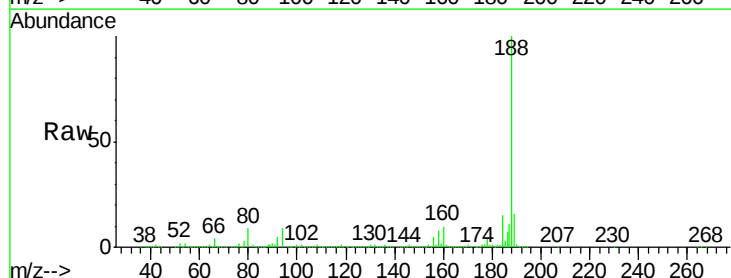
Tgt Ion: 188 Resp: 710486

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

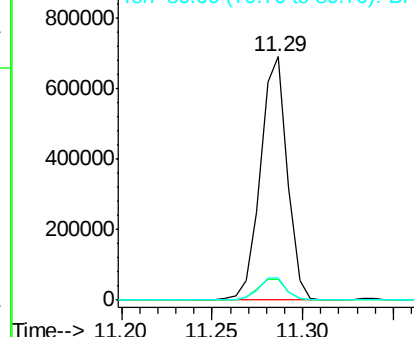
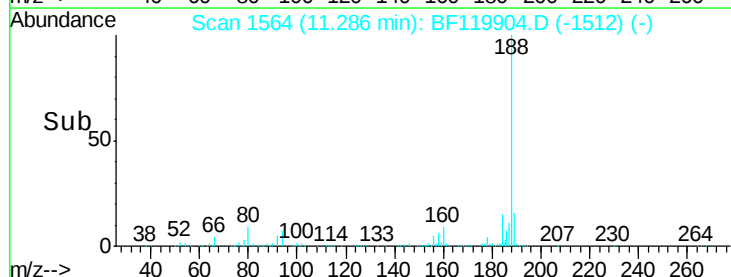
80 9.2 7.4 11.2

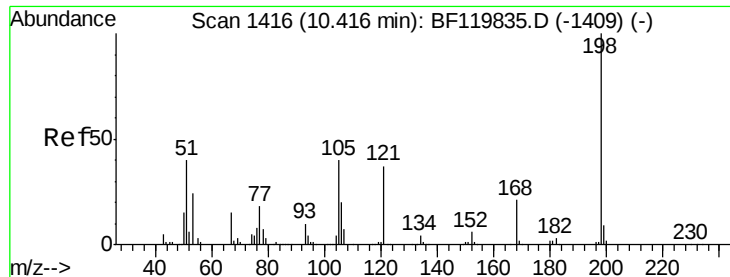


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

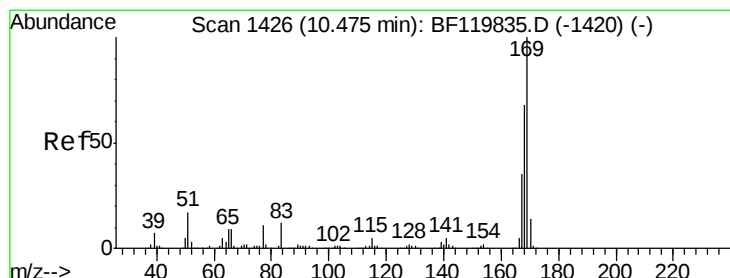
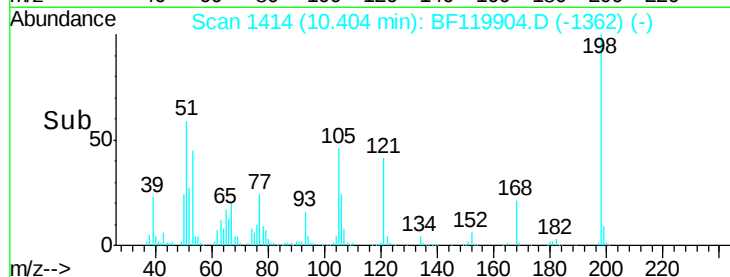
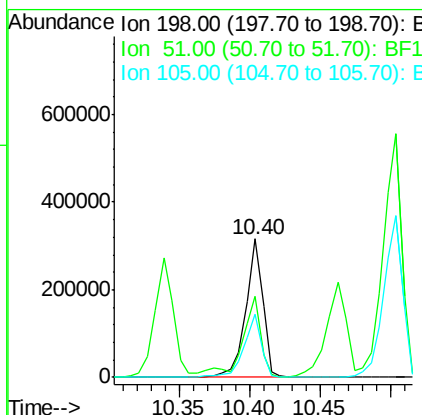
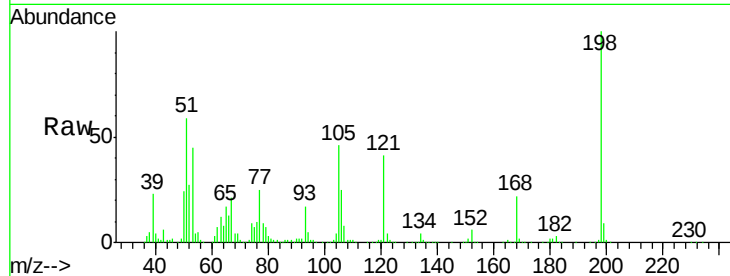




#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.931 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

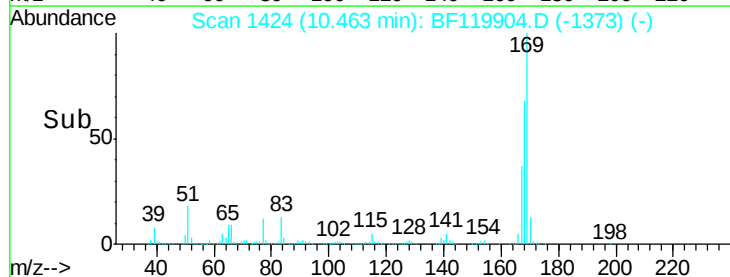
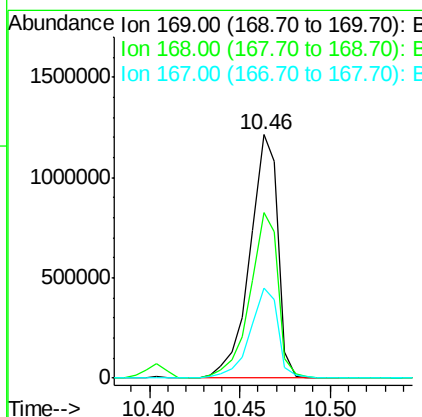
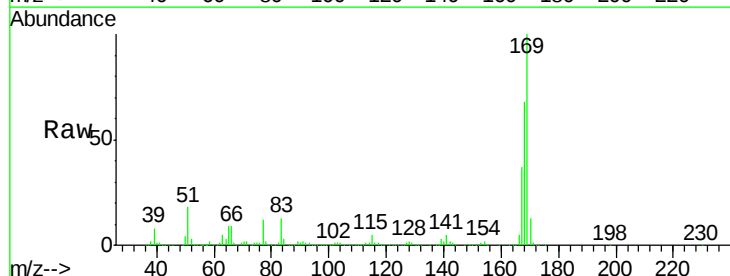
Instrument :
 BNA_F
 ClientSampleId :

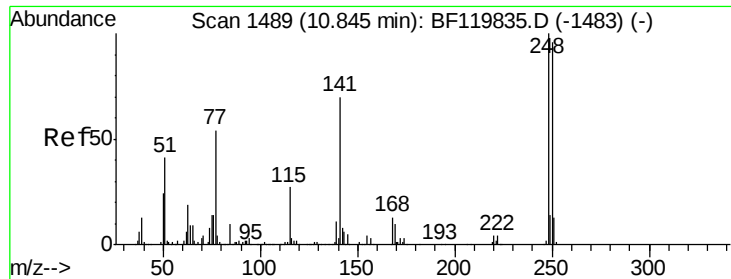
Tot Ion:198 Resp: 271160
 Ion Ratio Lower Upper
 198 100
 51 58.7 25.2 65.2
 105 45.6 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 55.146 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:169 Resp: 1303023
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.2 81.4
 167 37.2 28.3 42.5

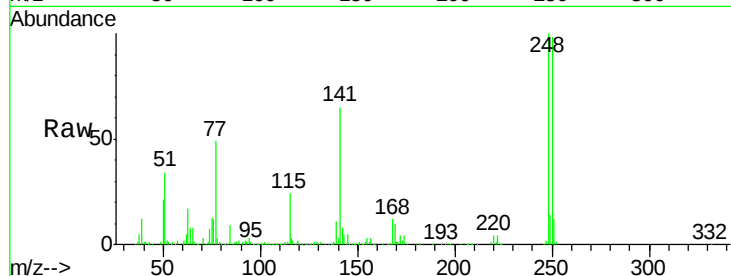




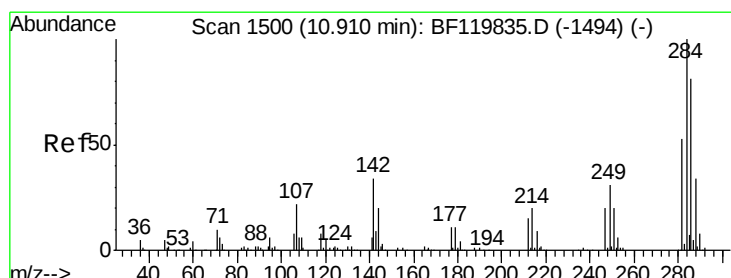
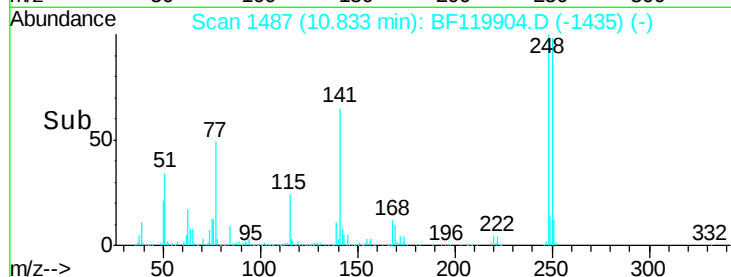
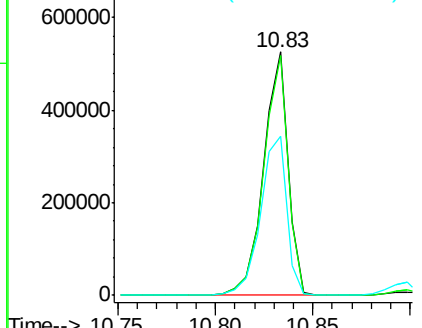
#67
4-Bromophenyl-phenylether
Concen: 51.734 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 457105
Ion Ratio Lower Upper
248 100
250 98.3 76.6 114.8
141 65.3 55.9 83.9

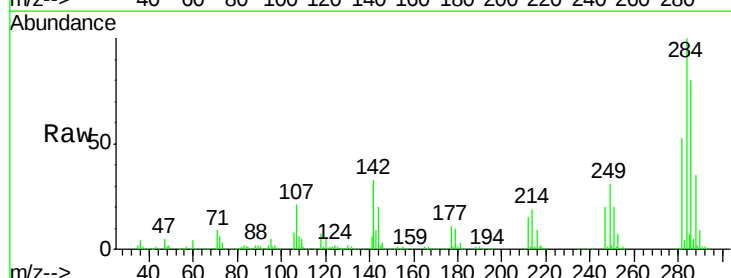


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

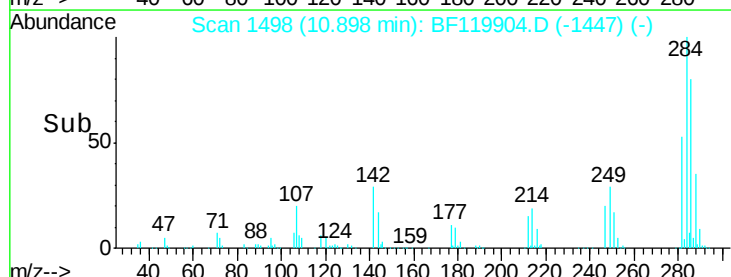
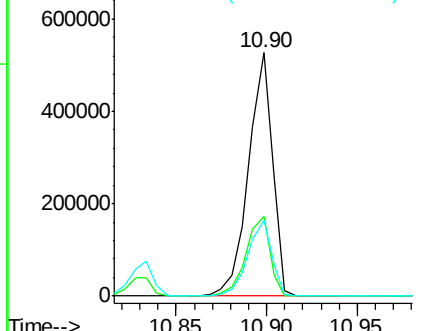


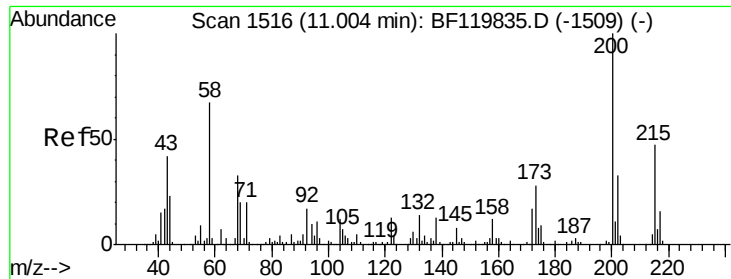
#68
Hexachlorobenzene
Concen: 54.146 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:284 Resp: 485328
Ion Ratio Lower Upper
284 100
142 32.5 26.9 40.3
249 31.1 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

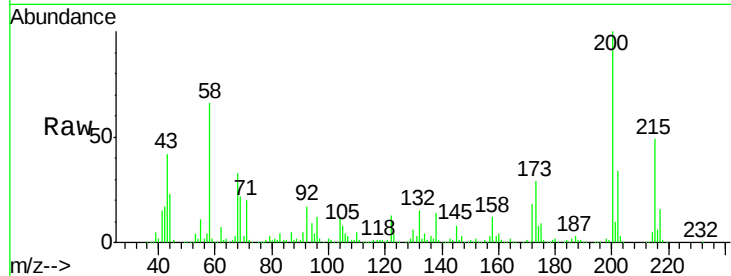




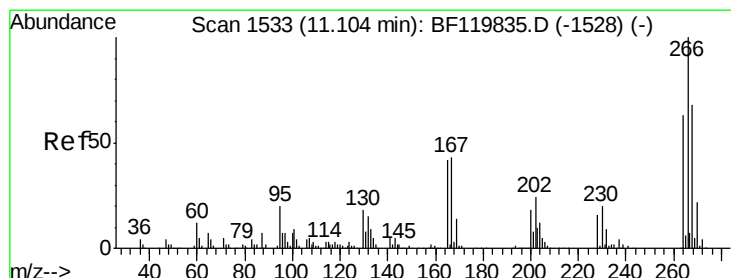
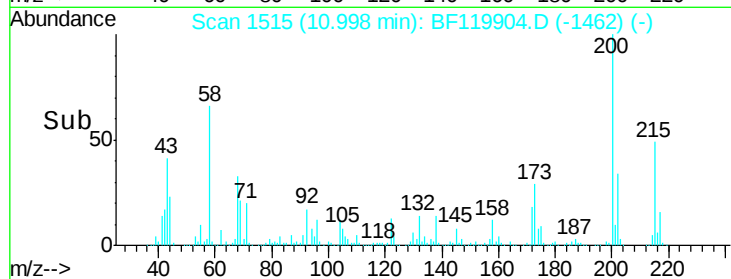
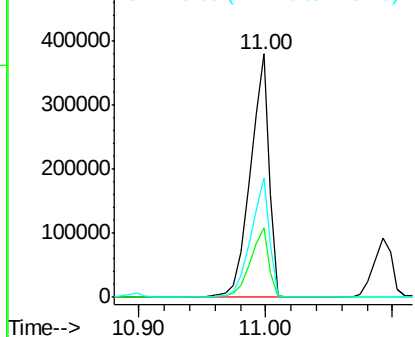
#69
 Atrazine
 Concen: 59.401 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.0	48.0
215	49.0	27.1	67.1

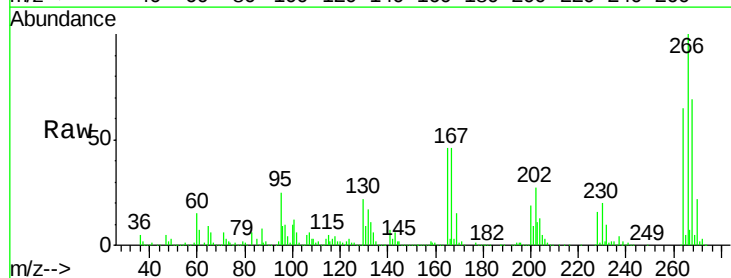


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

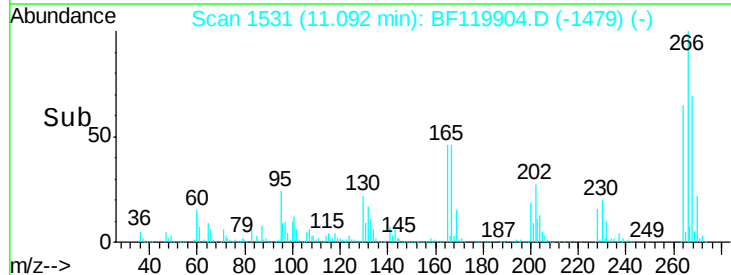
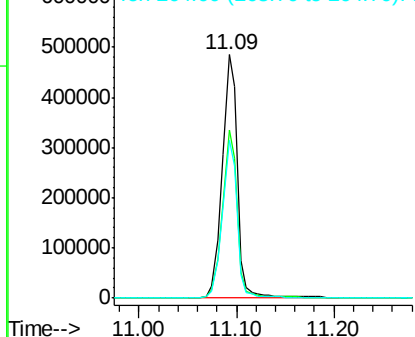


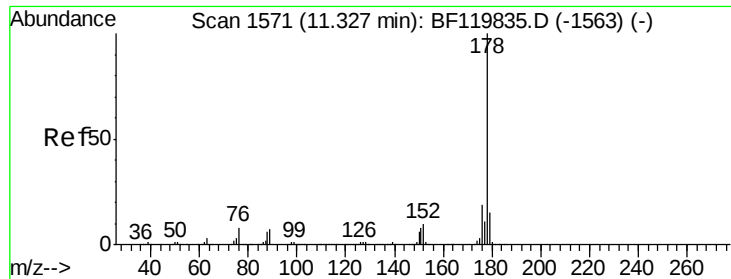
#70
 Pentachlorophenol
 Concen: 102.503 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.0	54.2	81.4
264	65.0	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

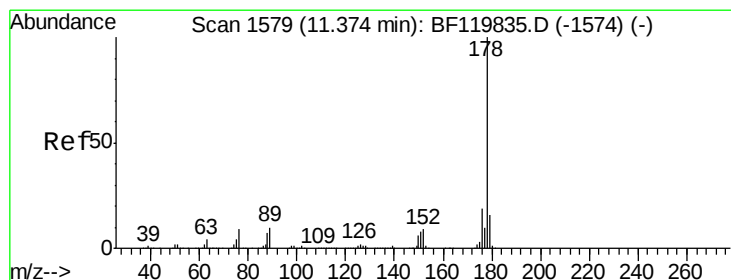
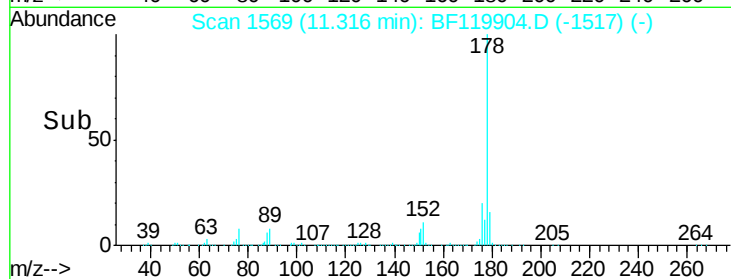
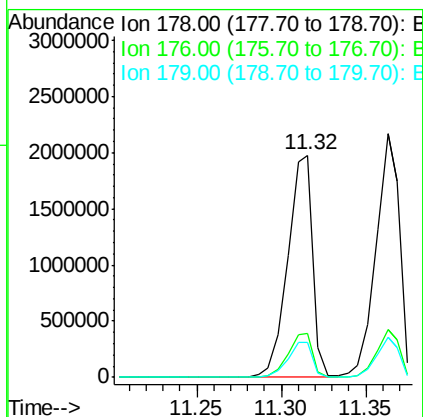
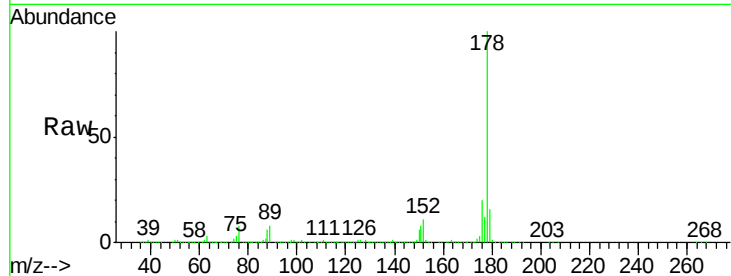




#71
Phenanthrene
Concen: 53.909 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

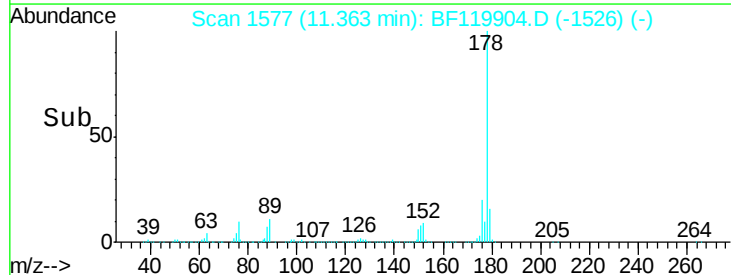
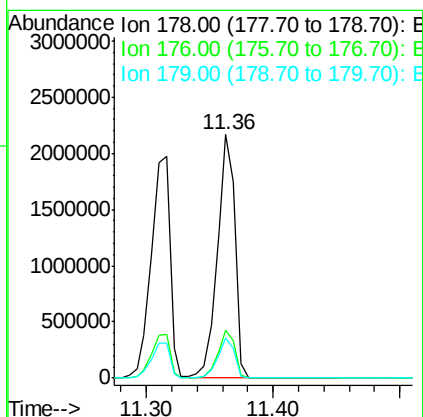
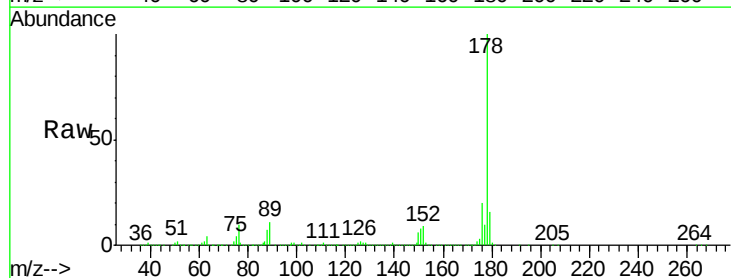
Instrument :
BNA_F
ClientSampleId :

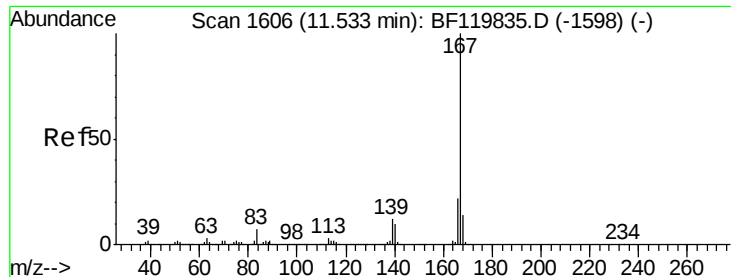
Tot Ion:178 Resp: 2038441
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.8 12.2 18.4



#72
Anthracene
Concen: 54.799 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:178 Resp: 2116765
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.3 12.8 19.2

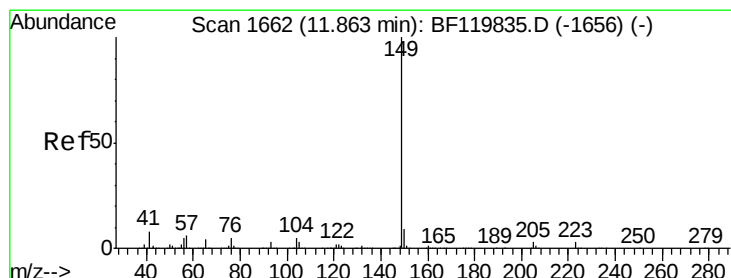
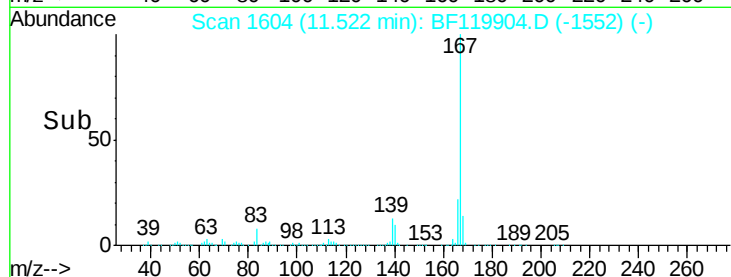
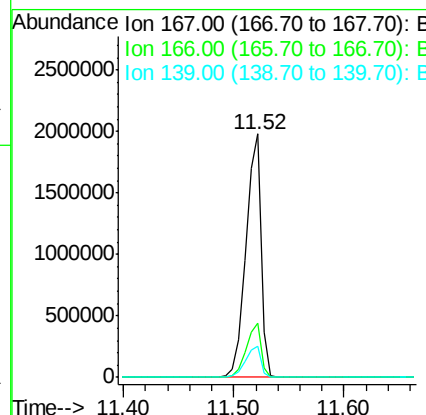
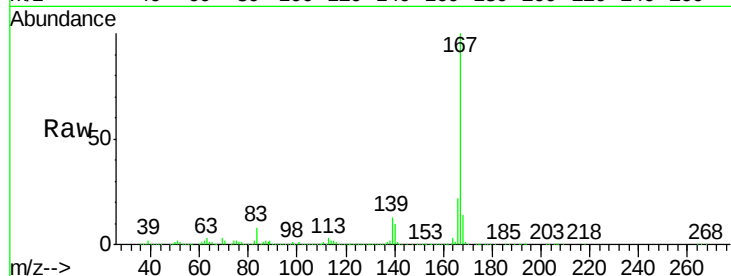




#73
 Carbazole
 Concen: 52.446 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

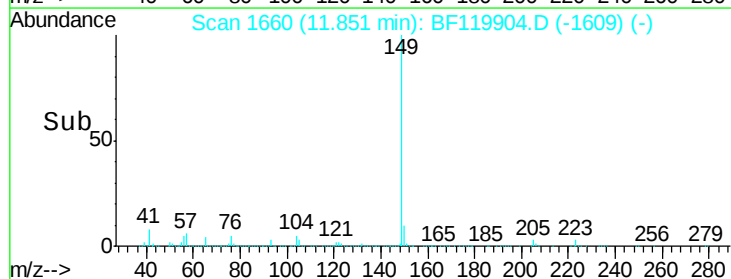
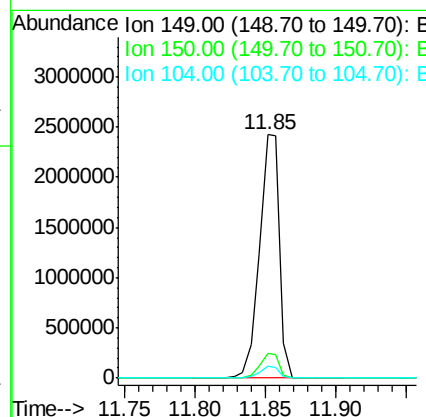
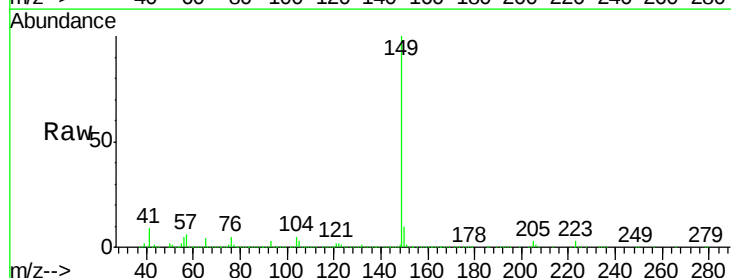
Instrument :
 BNA_F
 ClientSampleId :

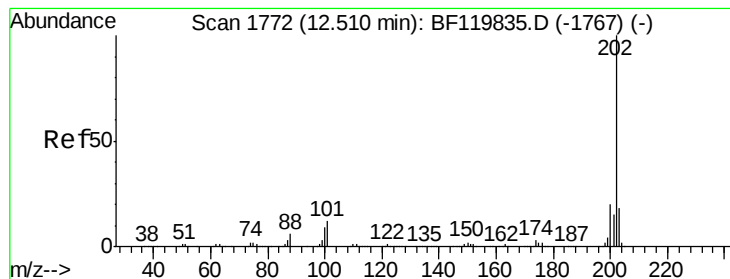
Tot Ion:167 Resp: 1915835
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.0 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 50.300 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:149 Resp: 2415486
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 54.067 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

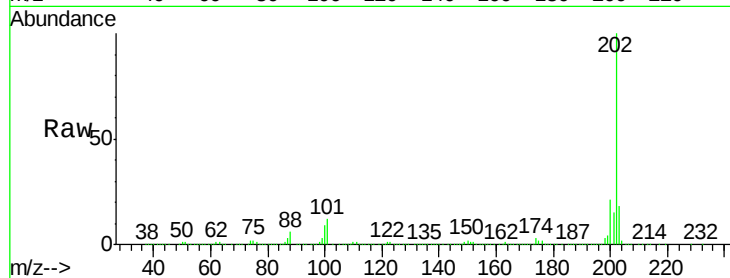
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2205918

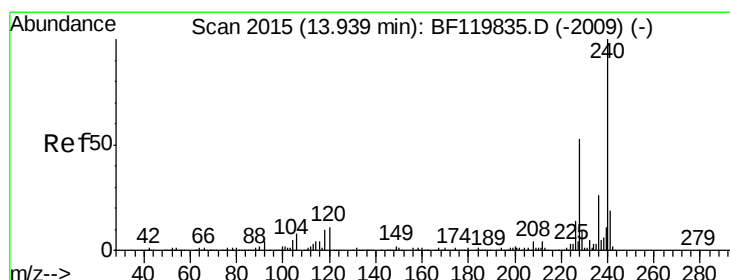
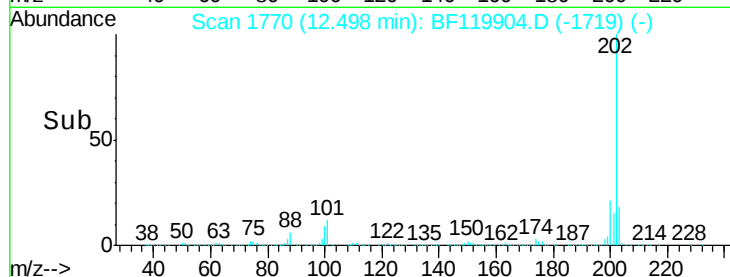
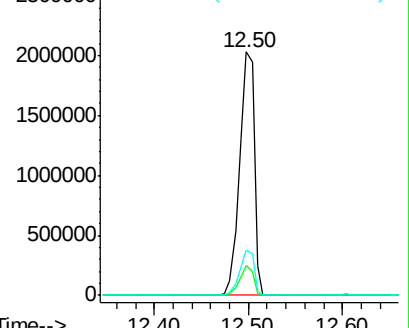
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
203	18.4	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

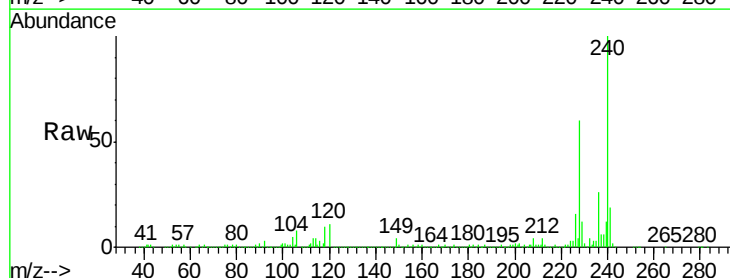
Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:240 Resp: 434382

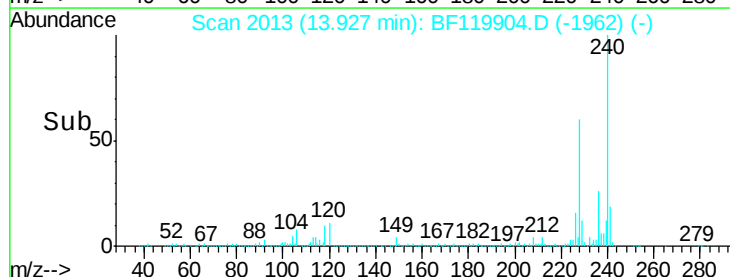
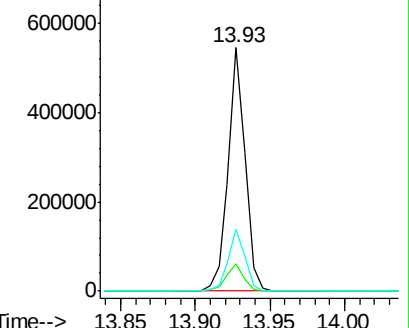
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	25.6	20.7	31.1

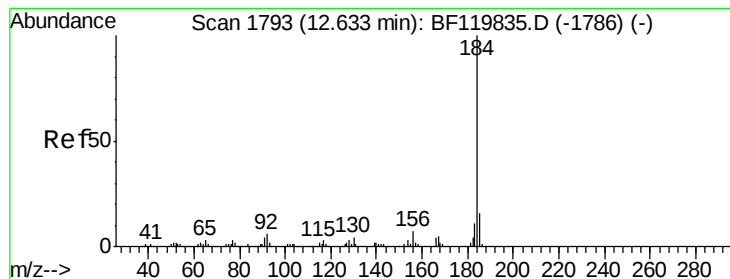


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.456 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

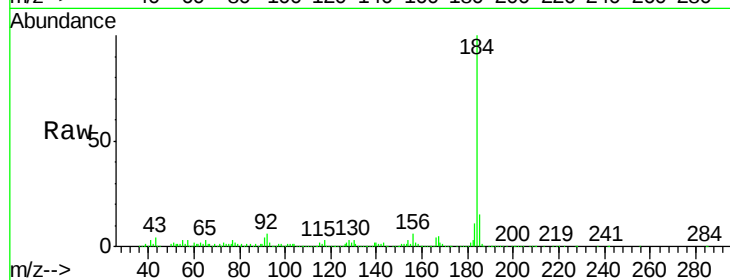
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 373779

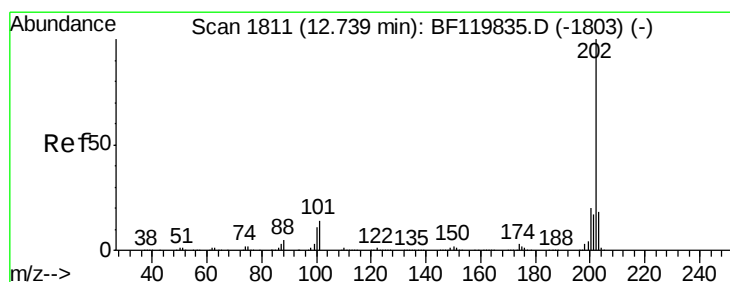
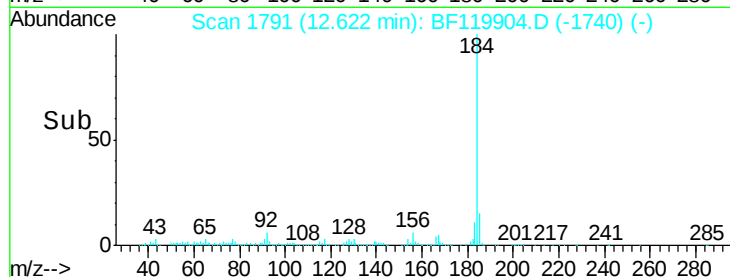
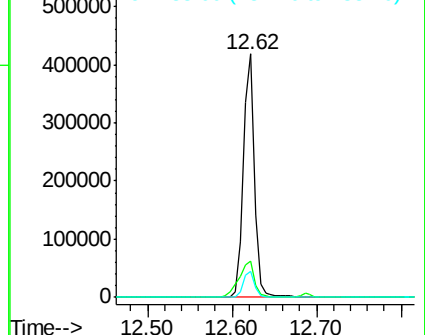
Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.2	19.8
183	10.9	9.1	13.7



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: 58.977 ng

RT: 12.73 min Scan# 1809

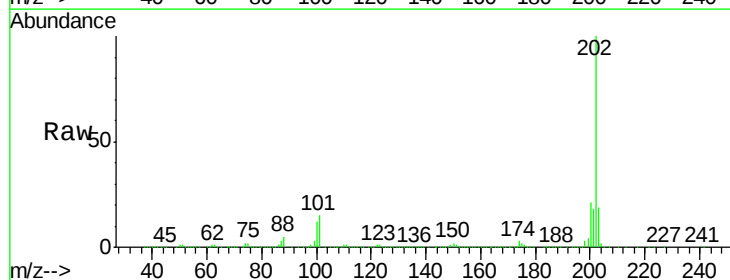
Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:202 Resp: 2159708

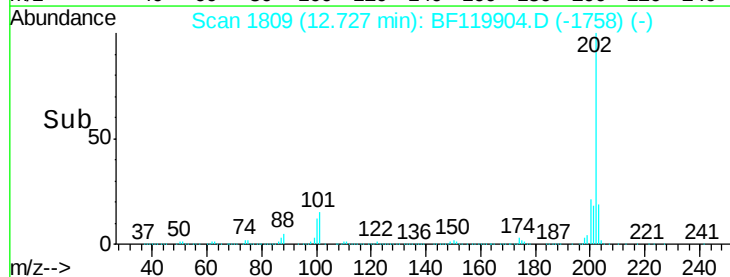
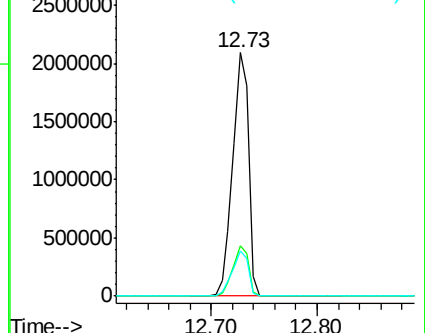
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.2	24.2
203	18.7	14.1	21.1

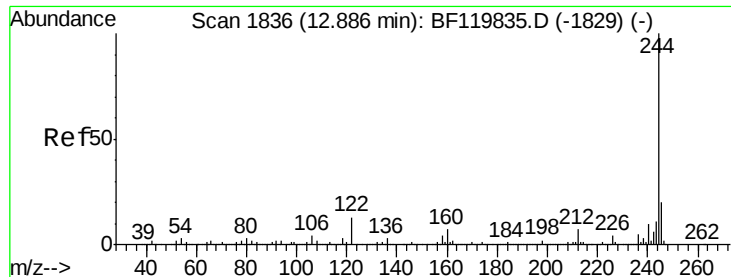


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.466 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampled :

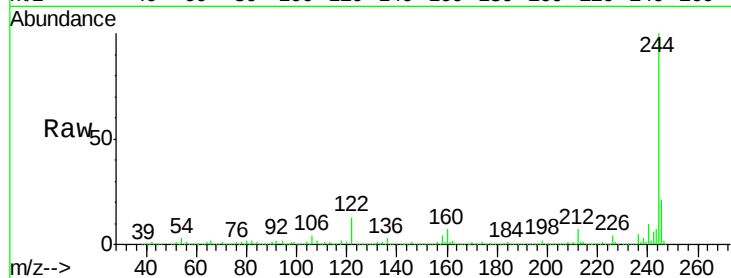
Tot Ion:244 Resp: 2567742

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

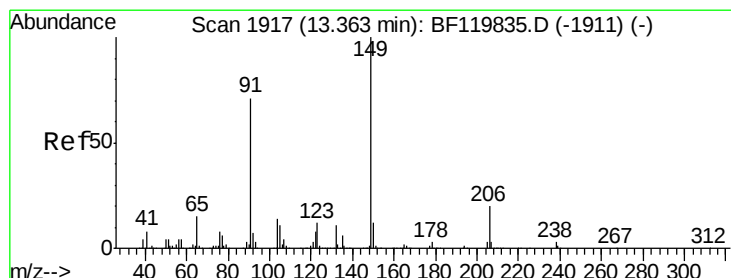
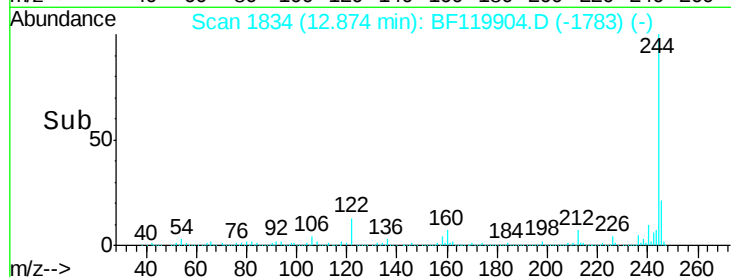
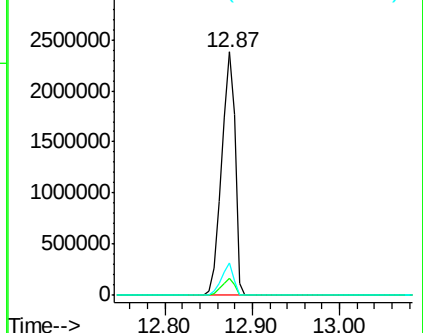
122 13.1 10.3 15.5



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: 52.265 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

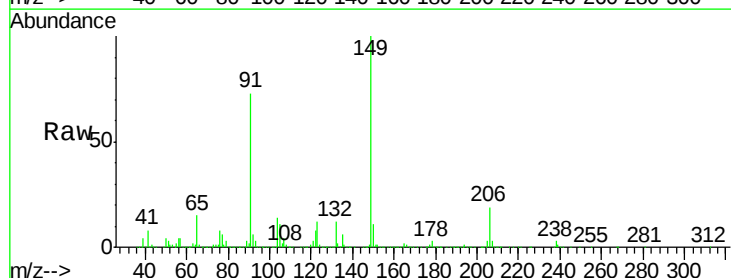
Tgt Ion:149 Resp: 928692

Ion Ratio Lower Upper

149 100

91 72.6 56.7 85.1

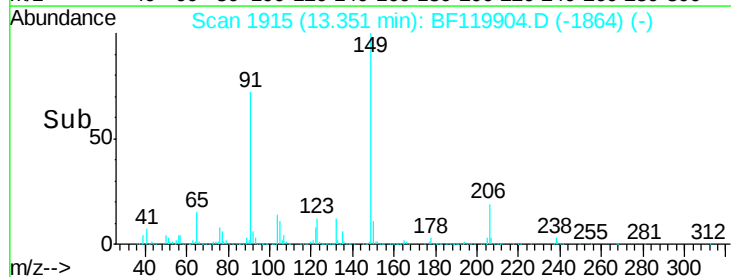
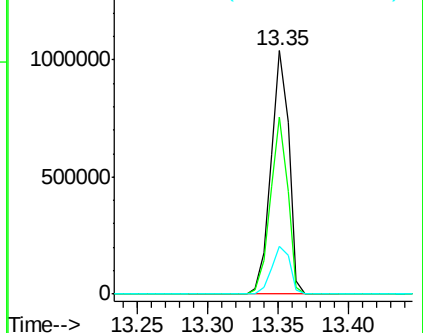
206 19.5 15.7 23.5

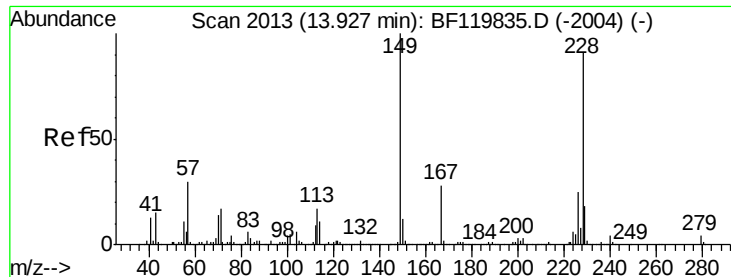


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.355 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

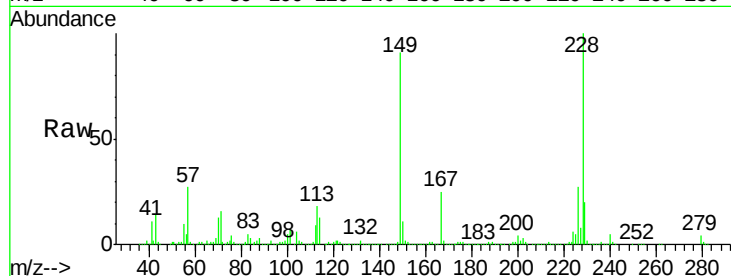
Tot Ion:228 Resp: 1524704

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

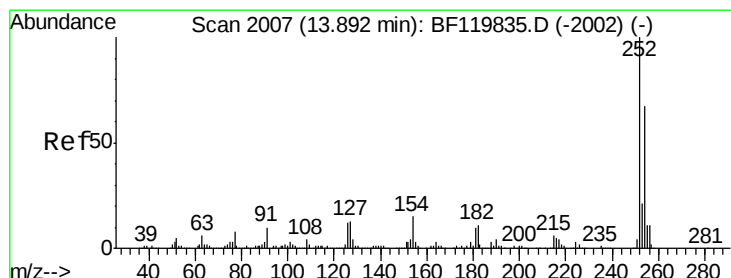
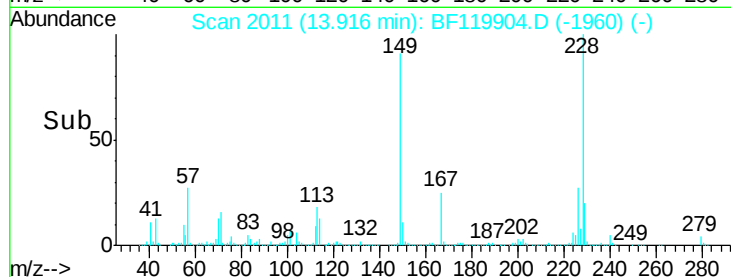
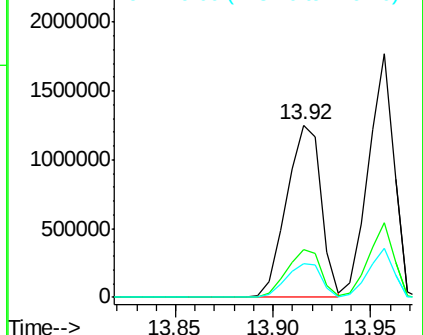
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.517 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

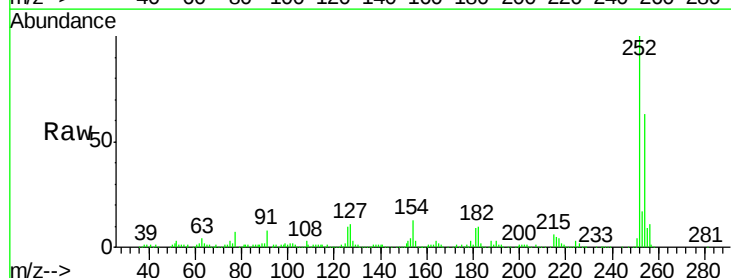
Tgt Ion:252 Resp: 282740

Ion Ratio Lower Upper

252 100

254 63.2 53.9 80.9

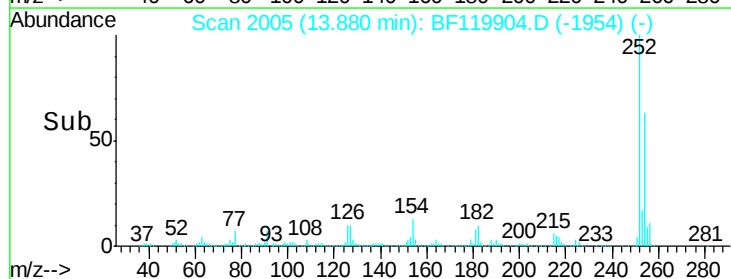
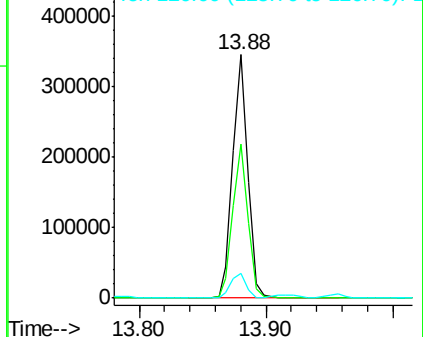
126 10.4 9.7 14.5

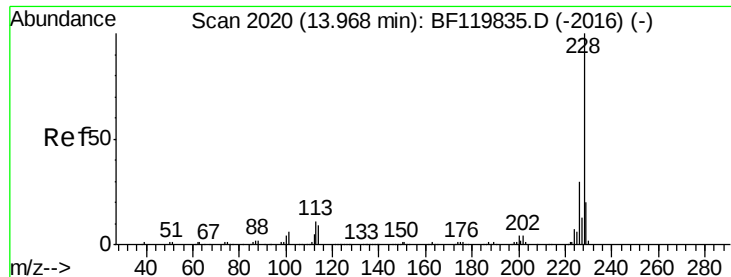


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 55.206 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

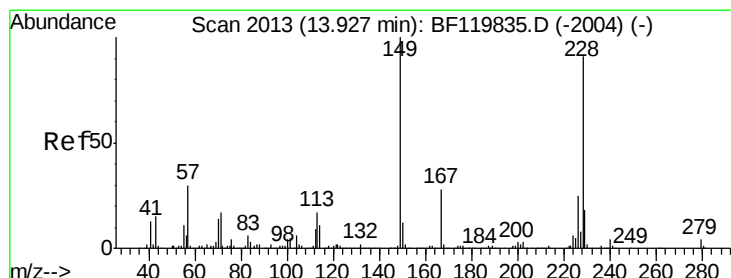
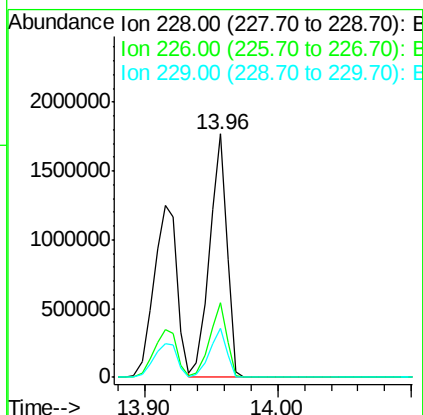
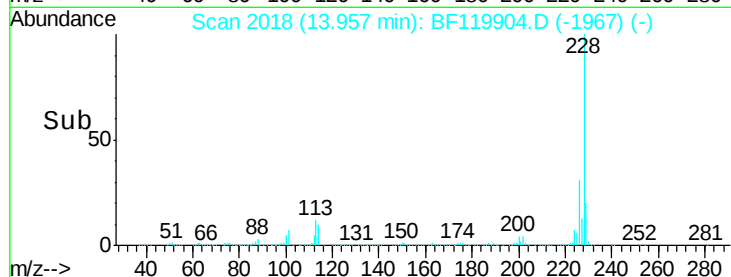
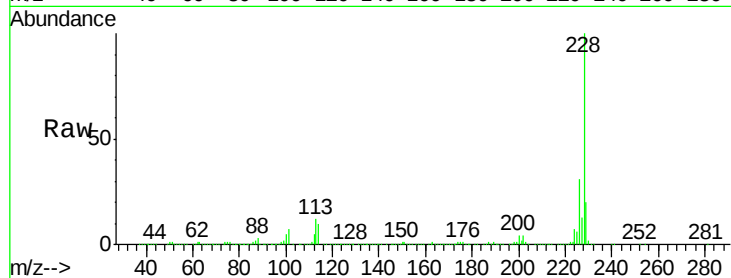
Tot Ion:228 Resp: 1602981

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.936 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

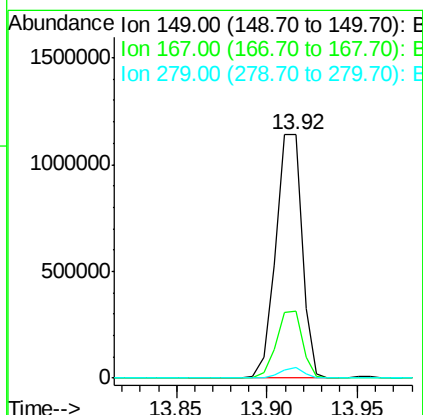
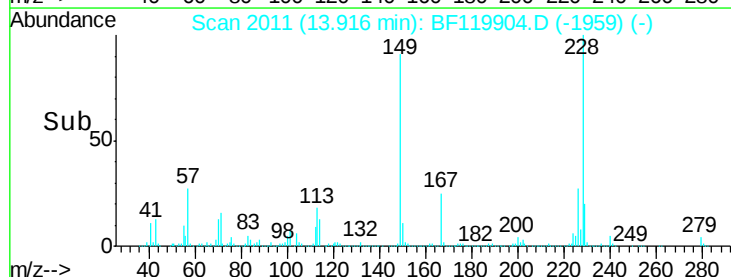
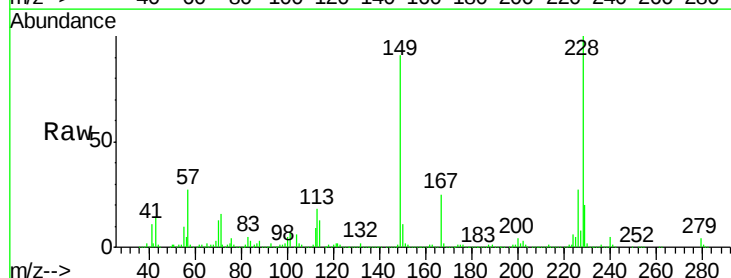
Tgt Ion:149 Resp: 1153473

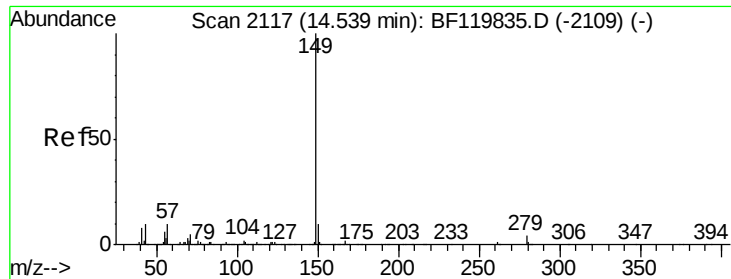
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 45.986 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

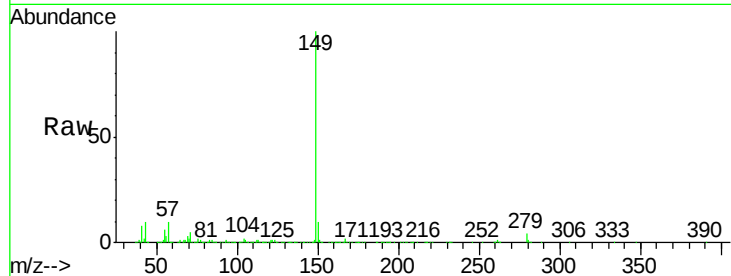
Tot Ion:149 Resp: 1884095

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

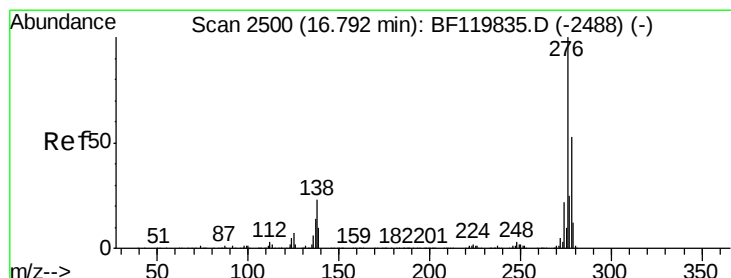
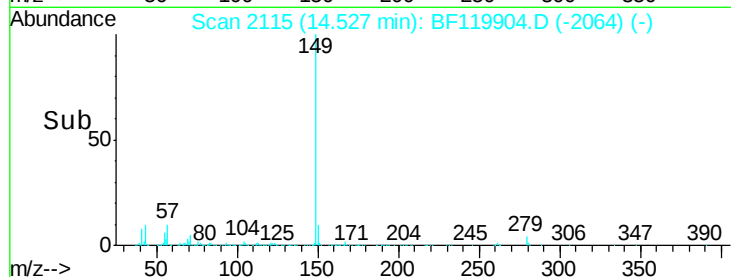
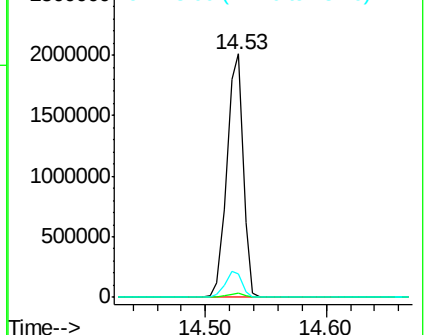
43 11.0 9.2 13.8



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: 57.840 ng

RT: 16.77 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

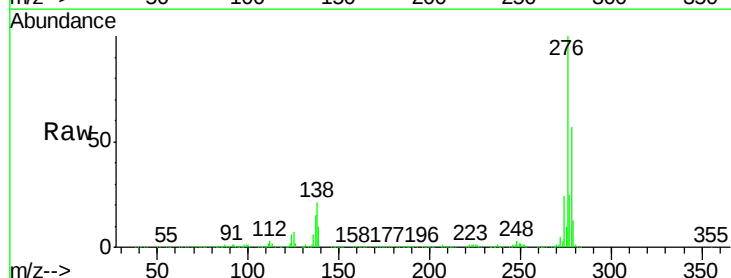
Tgt Ion:276 Resp: 1480424

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

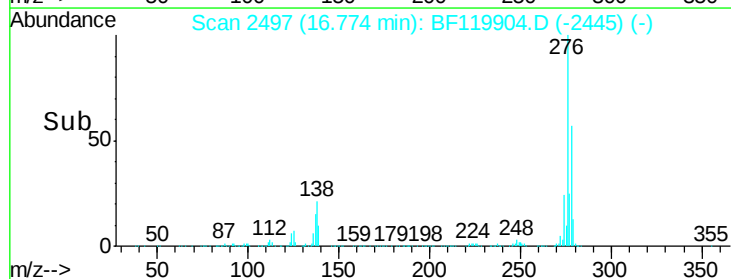
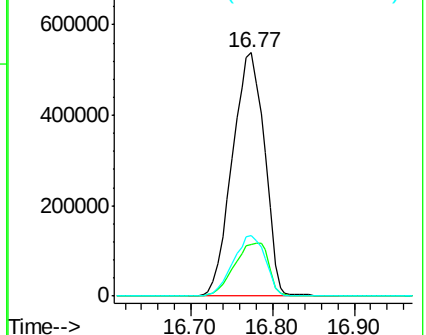
277 25.1 20.1 30.1

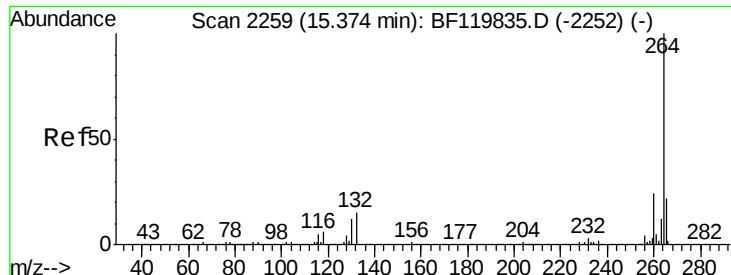


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

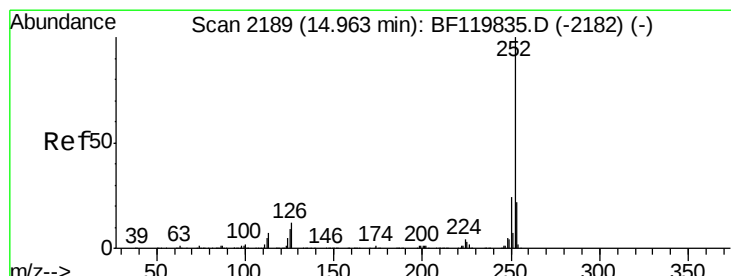
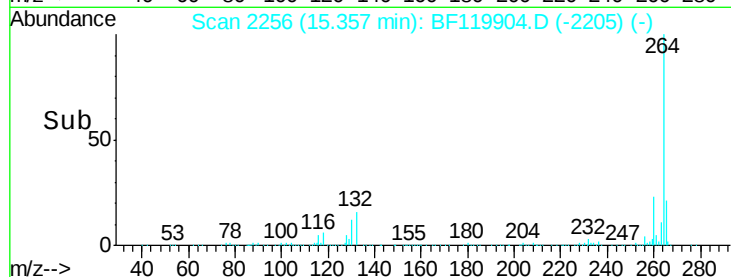
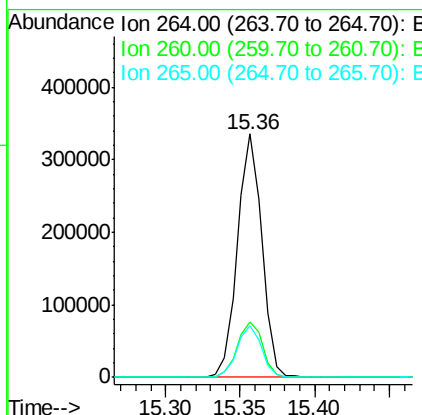
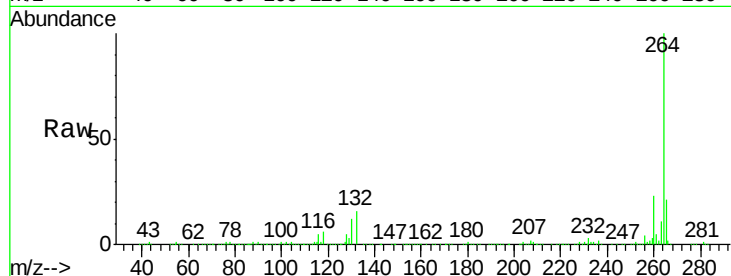




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

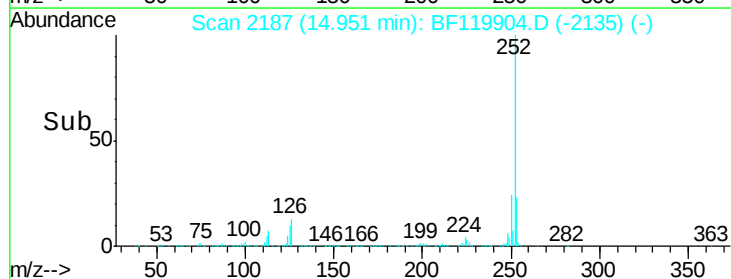
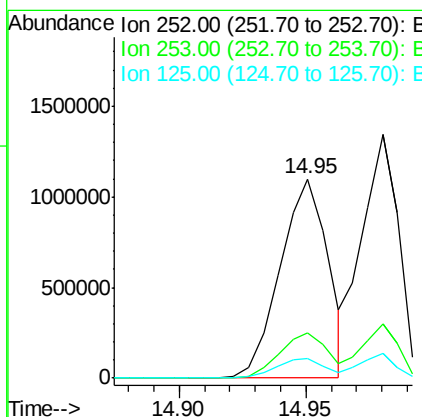
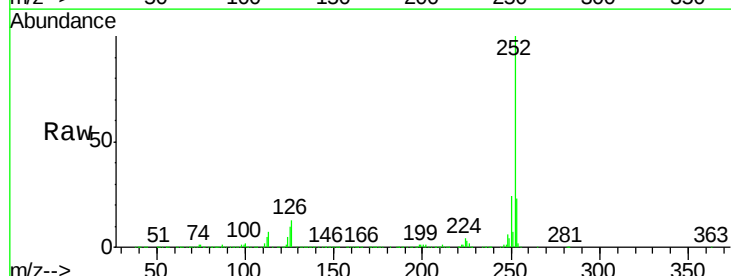
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 382960
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 21.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 52.375 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:252 Resp: 1442882
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.9 7.4 11.2

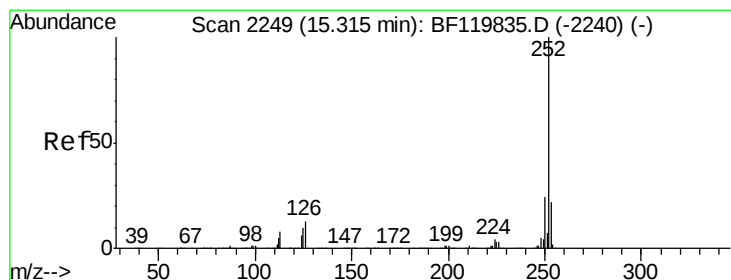
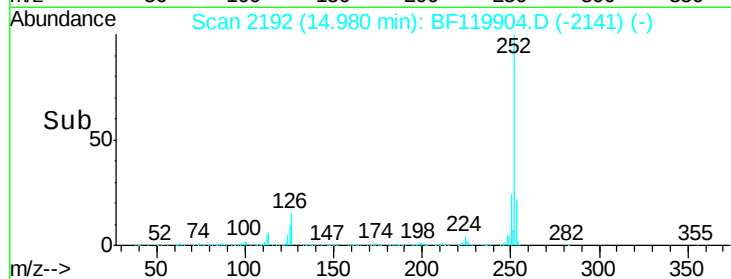
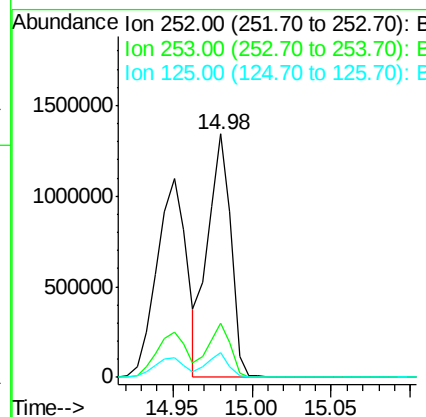
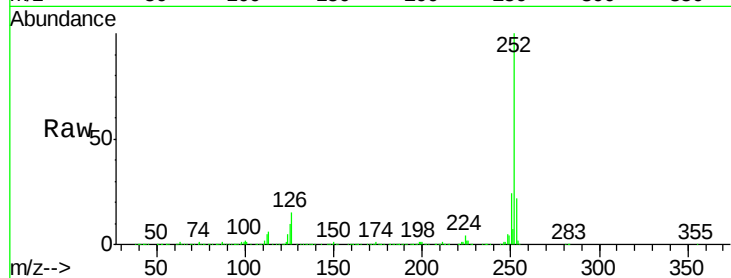




#89
Benzo(k)fluoranthene
Concen: 57.480 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

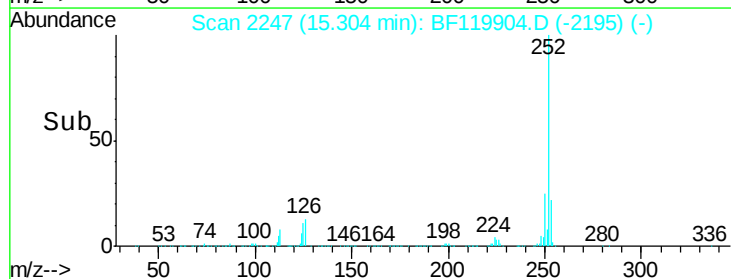
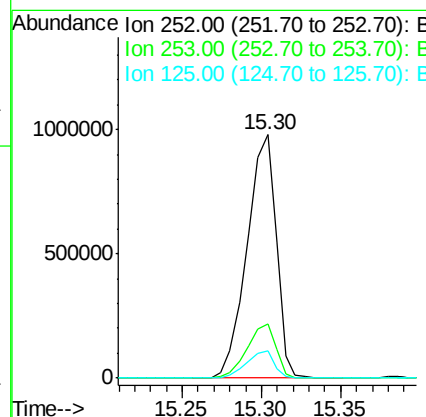
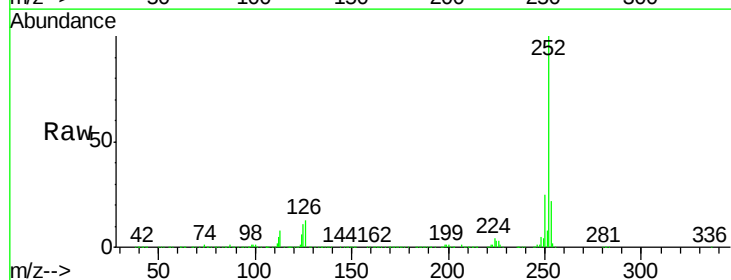
Instrument :
BNA_F
ClientSampleId :

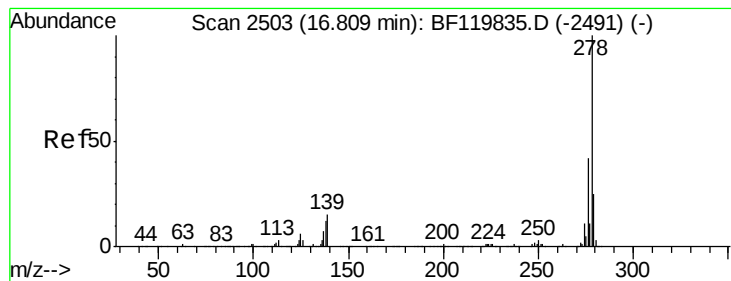
Tot Ion:252 Resp: 1366299
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 54.060 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:252 Resp: 1252204
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 59.339 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

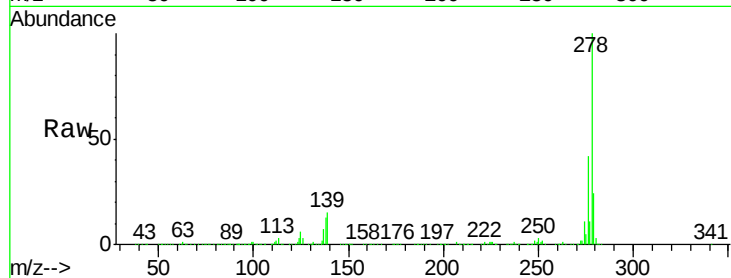
Tot Ion:278 Resp: 1217505

Ion Ratio Lower Upper

278 100

139 14.8 11.6 17.4

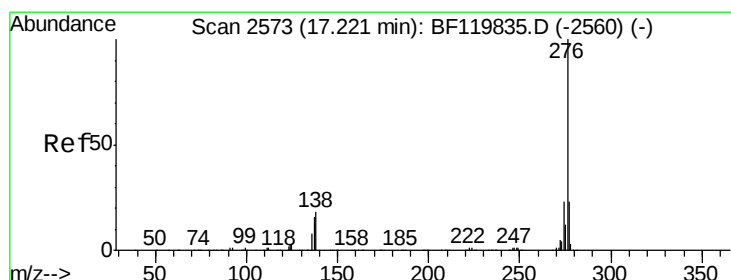
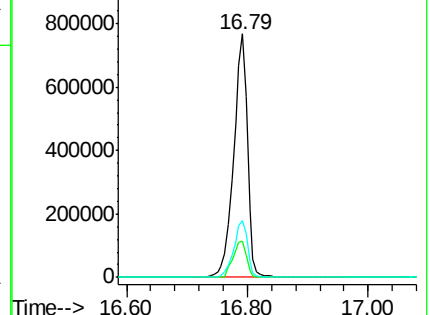
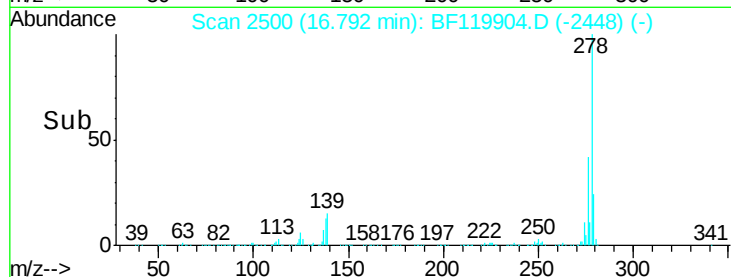
279 23.5 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.486 ng

RT: 17.20 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

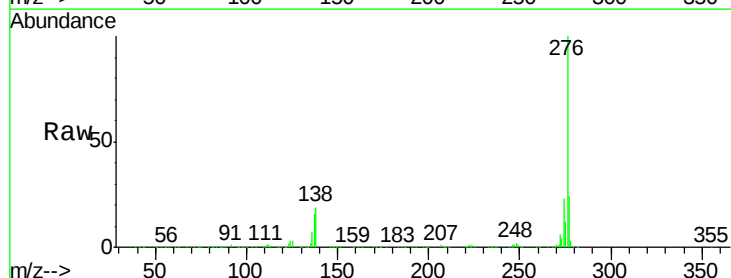
Tgt Ion:276 Resp: 1245296

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 19.1 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

