

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119937.D
 Acq On : 14 Apr 2020 6:11
 Operator : MA/SJ
 Sample : PB128142BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 06:52:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	221020	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	868946	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	467036	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	905011	20.00	ng	0.00
76) Chrysene-d12	13.91	240	649681	20.00	ng	0.00
87) Perylene-d12	15.33	264	623194	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1425244	111.44	ng	0.01
7) Phenol-d6	6.37	99	1858333	112.77	ng	0.00
23) Nitrobenzene-d5	7.30	82	1161031	69.12	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	604792	105.77	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2324574	70.67	ng	0.00
79) Terphenyl-d14	12.86	244	2784231	72.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	156587	27.489	ng	97
3) Pyridine	3.16	79	456480	29.208	ng	98
4) n-Nitrosodimethylamine	3.11	42	265915	33.301	ng	93
6) Aniline	6.40	93	550794	25.465	ng	97
8) 2-Chlorophenol	6.52	128	578882	40.511	ng	98
9) Benzaldehyde	6.28	77	182291	14.847	ng	98
10) Phenol	6.39	94	733671	39.243	ng	98
11) bis(2-Chloroethyl)ether	6.47	93	526548	36.476	ng	99
12) 1,3-Dichlorobenzene	6.67	146	554405	35.438	ng	98
13) 1,4-Dichlorobenzene	6.75	146	559962	35.138	ng	99
14) 1,2-Dichlorobenzene	6.91	146	523843	35.668	ng	97
15) Benzyl Alcohol	6.89	79	466213	36.424	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	928660	33.060	ng	99
17) 2-Methylphenol	7.00	107	469717	36.834	ng	97
18) Hexachloroethane	7.25	117	207317	34.810	ng	91
19) n-Nitroso-di-n-propylamine	7.16	70	395187	37.292	ng	96
20) 3+4-Methylphenols	7.15	107	591280	37.911	ng	99
22) Acetophenone	7.15	105	751029	36.909	ng	# 97
24) Nitrobenzene	7.32	77	600169	35.520	ng	99
25) Isophorone	7.56	82	1132566	34.979	ng	98
26) 2-Nitrophenol	7.64	139	314948	37.309	ng	96
27) 2,4-Dimethylphenol	7.68	122	506245	39.763	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	708502	37.186	ng	100
29) 2,4-Dichlorophenol	7.88	162	499630	38.285	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	512904	34.687	ng	99
31) Naphthalene	8.05	128	1639994	35.872	ng	99
32) Benzoic acid	7.82	122	402830	36.027	ng	93
33) 4-Chloroaniline	8.09	127	286997	14.420	ng	98
34) Hexachlorobutadiene	8.16	225	287516	32.482	ng	99
35) Caprolactam	8.47	113	90150	22.583	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	559472	39.598	ng	94
37) 2-Methylnaphthalene	8.74	142	1140076	36.782	ng	99
38) 1-Methylnaphthalene	8.84	142	1079563	36.953	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	495782	33.610	ng	99

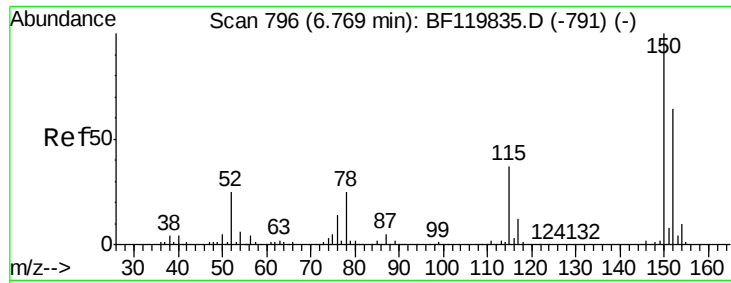
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119937.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	563521	67.182	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	378226	37.131	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	414325	36.114	nq	98
46) 1,1'-Biphenyl	9.20	154	1393405	35.347	nq	99
47) 2-Chloronaphthalene	9.23	162	1087325	35.806	nq	98
48) 2-Nitroaniline	9.33	65	412905	37.521	nq	93
49) Acenaphthylene	9.65	152	1740163	37.680	nq	99
50) Dimethylphthalate	9.51	163	1337242	37.018	nq	100
51) 2,6-Dinitrotoluene	9.57	165	303672	38.388	nq	94
52) Acenaphthene	9.82	154	1059834	34.402	nq	99
53) 3-Nitroaniline	9.73	138	178237	19.728	nq	97
54) 2,4-Dinitrophenol	9.85	184	263665	55.671	nq	93
55) Dibenzofuran	9.99	168	1569875	37.135	nq	98
56) 4-Nitrophenol	9.91	139	500320	74.427	nq	96
57) 2,4-Dinitrotoluene	9.97	165	401942	38.565	nq	95
58) Fluorene	10.33	166	1223846	36.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	351984	40.114	nq	97
60) Diethylphthalate	10.21	149	1384821	36.987	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	585605	33.794	nq	96
62) 4-Nitroaniline	10.36	138	324935	37.738	nq	99
63) Azobenzene	10.49	77	1293118	38.539	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	203807	34.183	nq	98
66) n-Nitrosodiphenylamine	10.45	169	1156431	38.422	nq	98
67) 4-Bromophenyl-phenylether	10.82	248	395390	35.131	nq	93
68) Hexachlorobenzene	10.88	284	431516	37.794	nq	93
69) Atrazine	10.97	200	353636	42.229	nq	99
70) Pentachlorophenol	11.07	266	464379	70.578	nq	99
71) Phenanthrene	11.29	178	1827432	37.941	nq	99
72) Anthracene	11.35	178	1883740	38.284	nq	100
73) Carbazole	11.50	167	1750556	37.621	nq	99
74) Di-n-butylphthalate	11.83	149	2193127	35.853	nq	99
75) Fluoranthene	12.48	202	2014898	38.770	nq	98
77) Benzidine	12.60	184	716607	32.631	nq	96
78) Pyrene	12.71	202	2028588	37.039	nq	99
80) Butylbenzylphthalate	13.33	149	939625	35.356	nq	99
81) Benzo(a)anthracene	13.90	228	1597526	37.378	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	348806	21.872	nq	# 95
83) Chrysene	13.94	228	1658756	38.196	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1210583	33.637	nq	100
85) Di-n-octyl phthalate	14.50	149	2224343	36.299	nq	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1492649	38.992	nq	98
88) Benzo(b)fluoranthene	14.93	252	1703226	37.992	nq	99
89) Benzo(k)fluoranthene	14.96	252	1513600	39.130	nq	99
90) Benzo(a)pyrene	15.27	252	1444328	38.317	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	1230801	36.863	nq	98
92) Benzo(g,h,i)perylene	17.14	276	1213587	36.822	nq	97

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

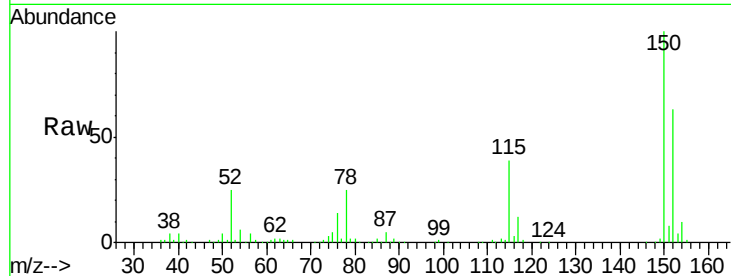


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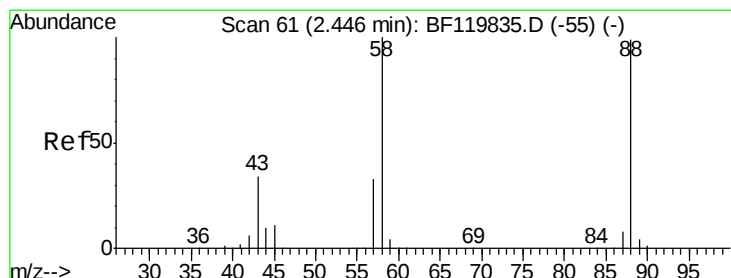
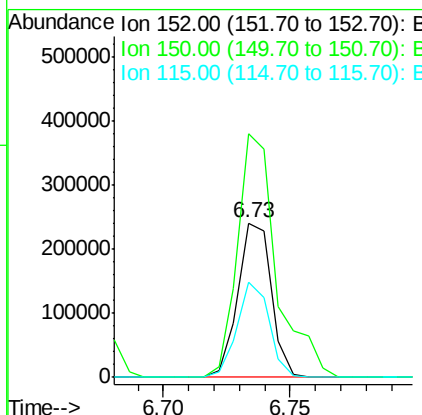
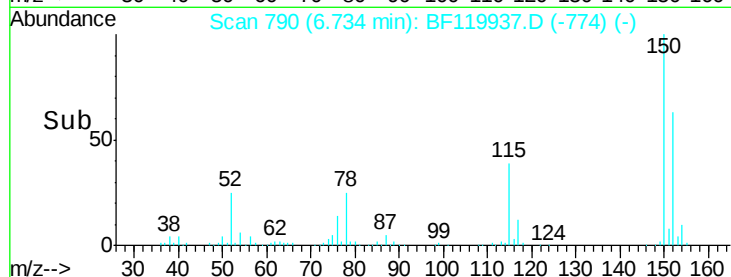
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 221020
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 61.4 46.5 69.7



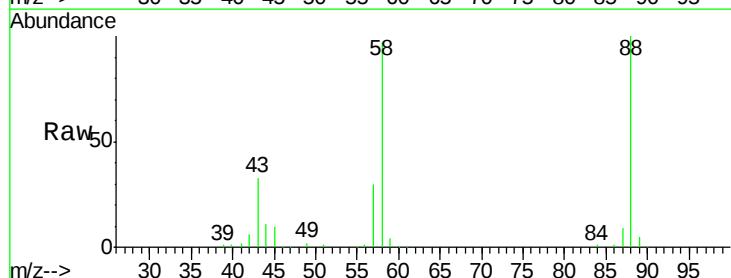
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



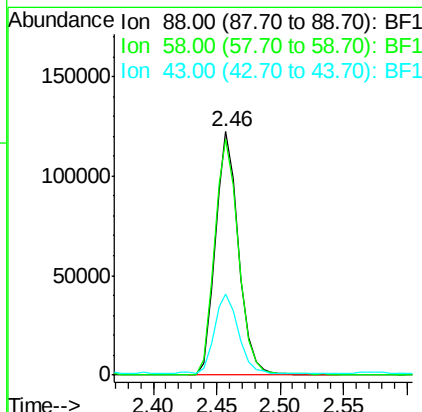
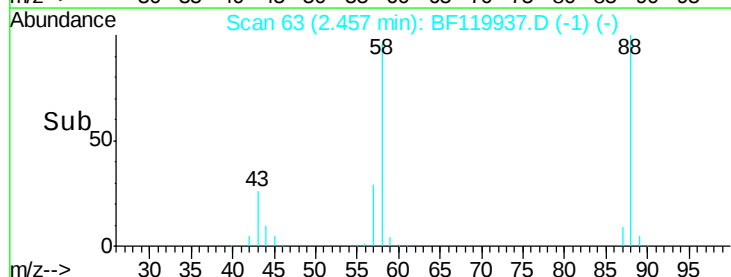
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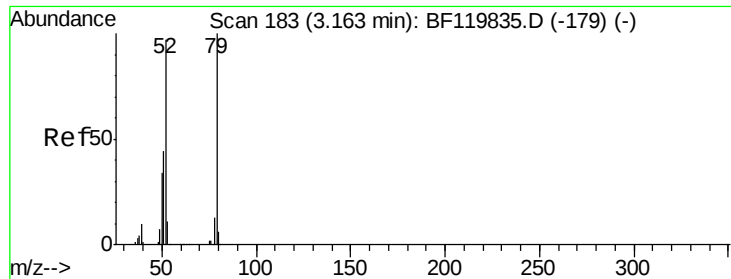
1,4-Dioxane
Concen: 27.489 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.07 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion: 88 Resp: 156587
Ion Ratio Lower Upper
88 100
58 100.5 82.6 123.8
43 33.9 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: 29.208 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.07 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampled :

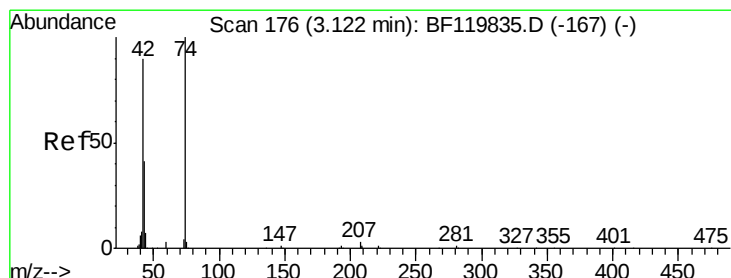
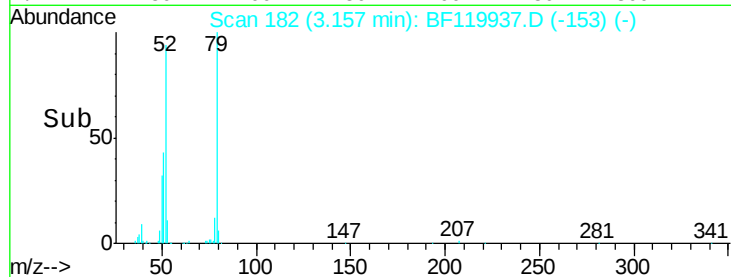
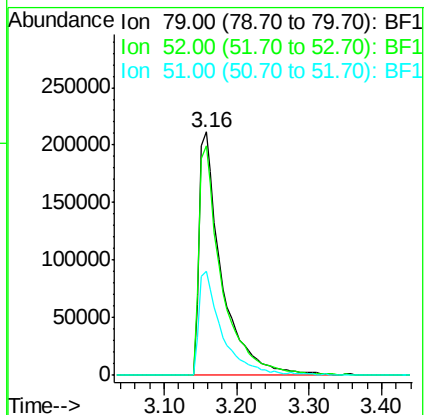
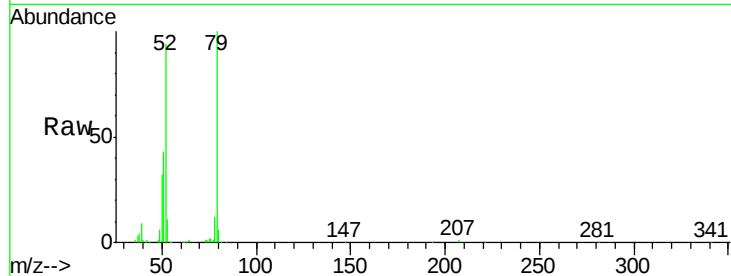
Tot Ion: 79 Resp: 456480

Ion Ratio Lower Upper

79 100

52 94.2 77.4 116.0

51 42.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 33.301 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.06 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

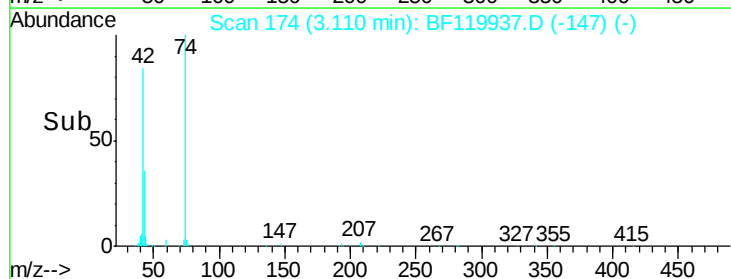
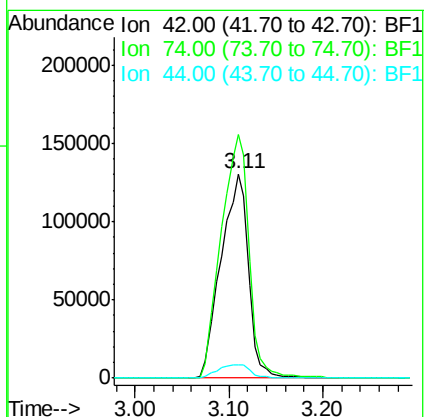
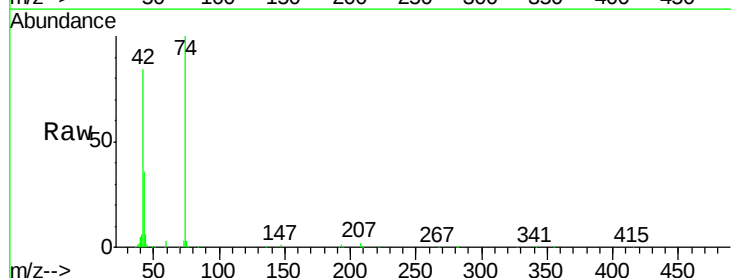
Tgt Ion: 42 Resp: 265915

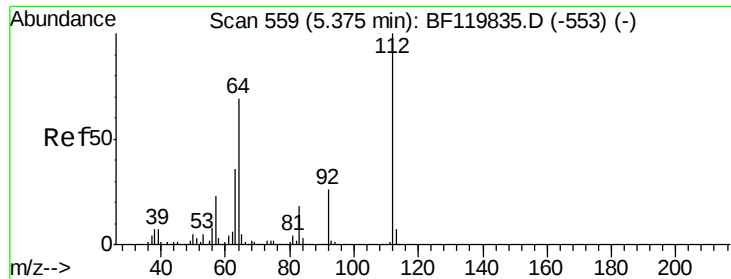
Ion Ratio Lower Upper

42 100

74 119.3 89.0 133.4

44 6.6 6.2 9.4





#5

2-Fluorophenol

Concen: 111.442 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

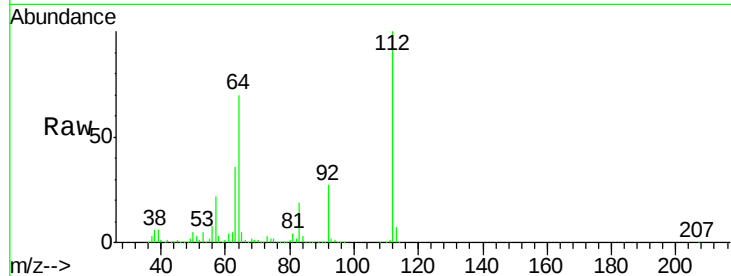
Tot Ion:112 Resp: 1425244

Ion Ratio Lower Upper

112 100

64 70.0 55.5 83.3

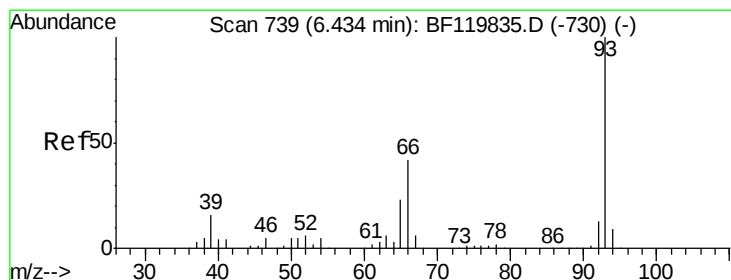
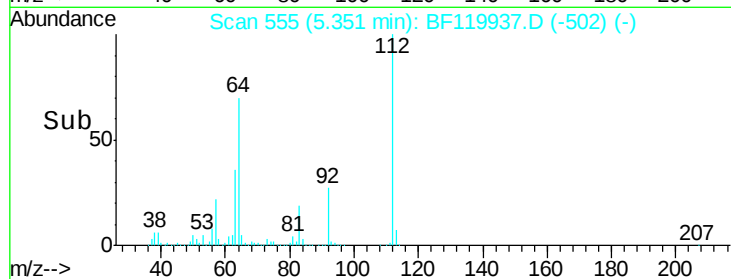
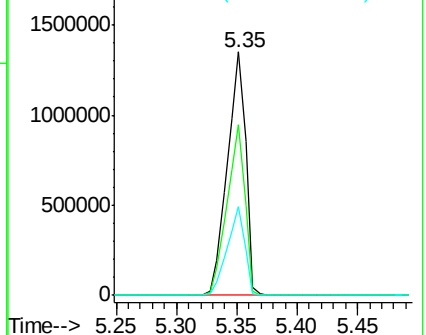
63 36.2 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.465 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

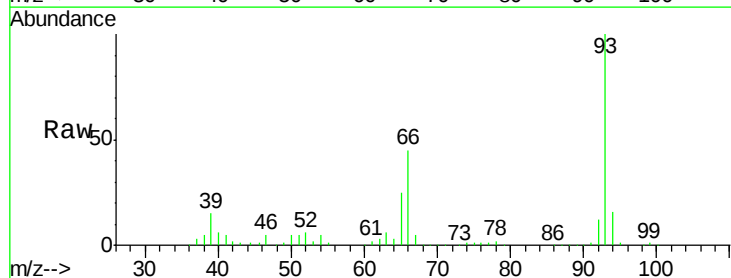
Tgt Ion: 93 Resp: 550794

Ion Ratio Lower Upper

93 100

66 44.7 34.2 51.2

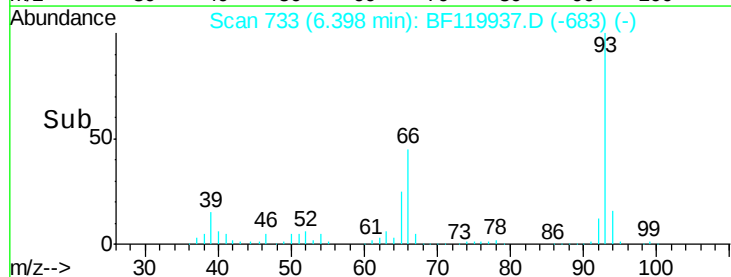
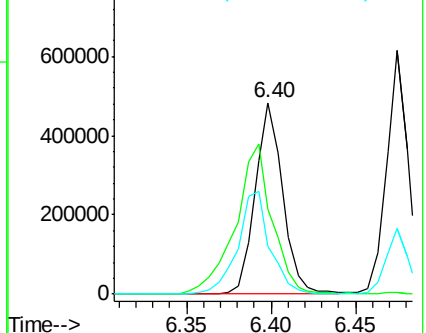
65 24.9 18.3 27.5

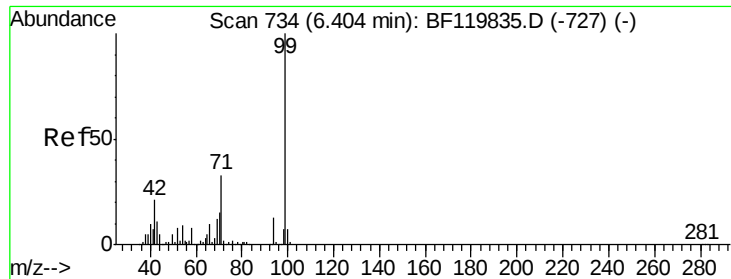


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.767 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

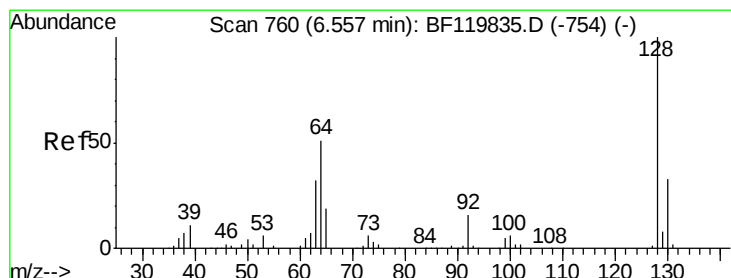
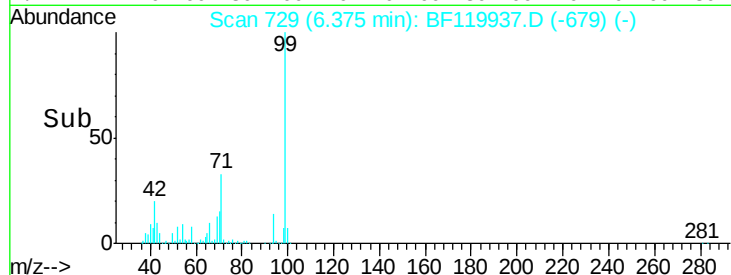
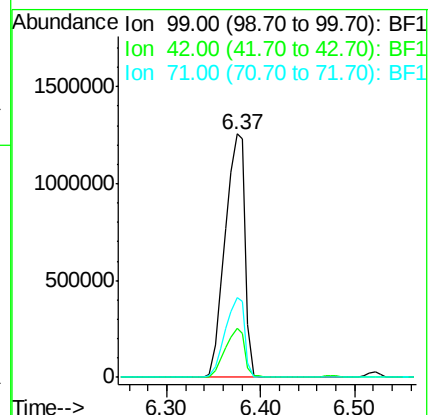
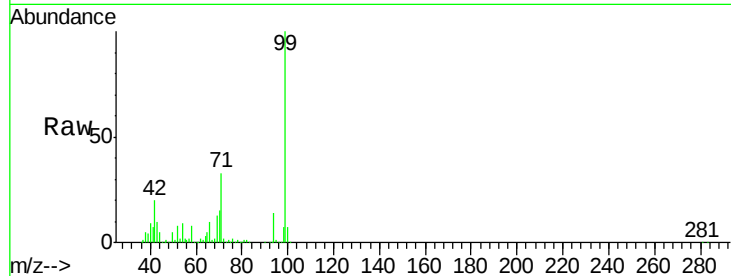
Tot Ion: 99 Resp: 1858333

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.8 26.3 39.5



#8

2-Chlorophenol

Concen: 40.511 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

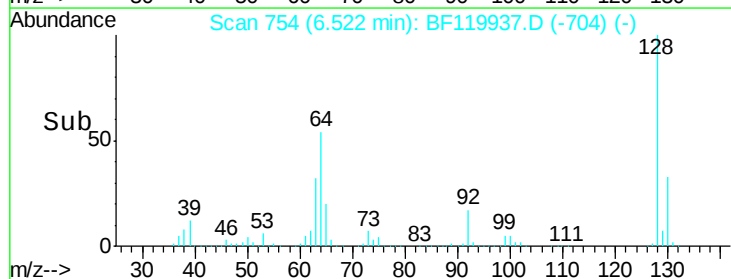
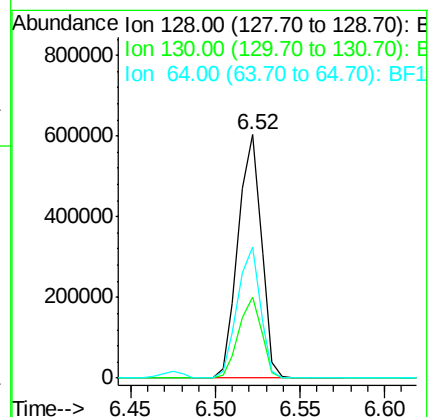
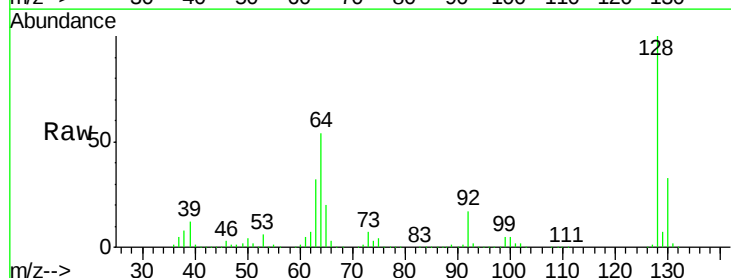
Tgt Ion: 128 Resp: 578882

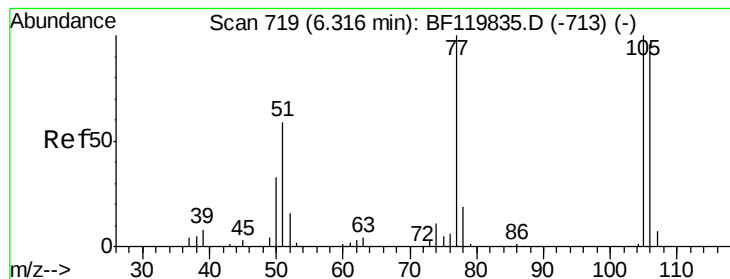
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 53.9 32.0 72.0





#9

Benzaldehyde

Concen: 14.847 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

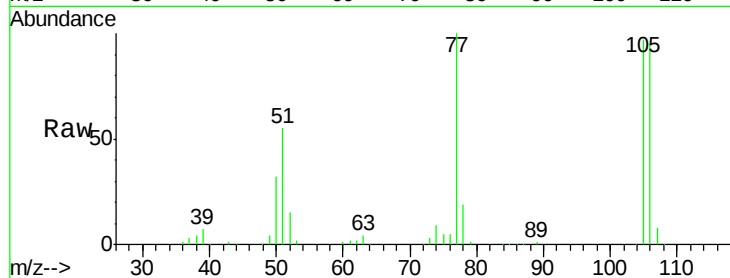
Tot Ion: 77 Resp: 182291

Ion Ratio Lower Upper

77 100

105 96.8 79.9 119.9

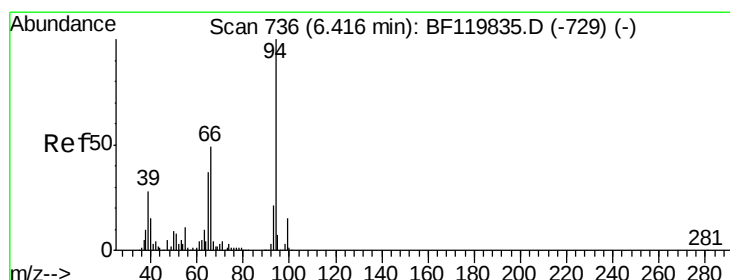
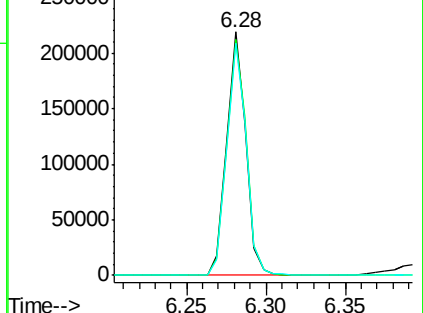
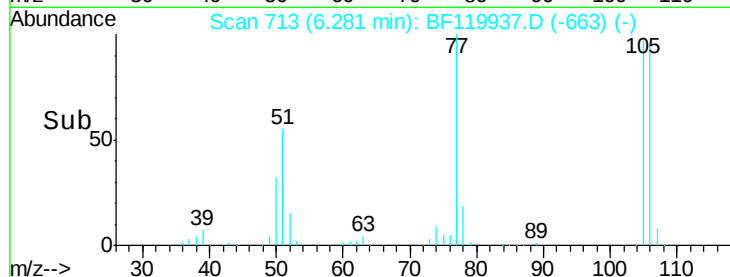
106 95.2 76.4 116.4



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: 39.243 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

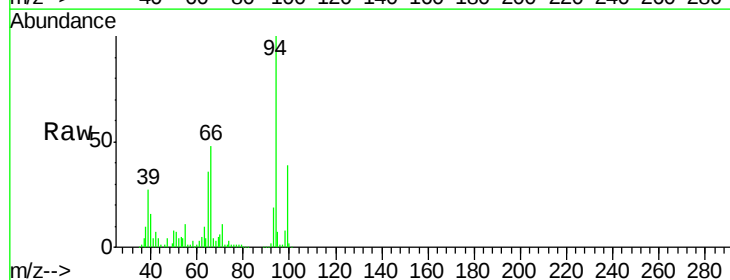
Tgt Ion: 94 Resp: 733671

Ion Ratio Lower Upper

94 100

65 35.6 16.6 56.6

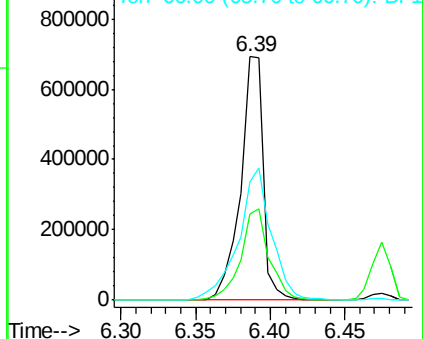
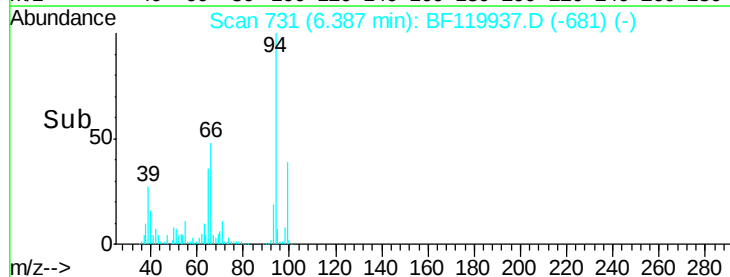
66 48.4 29.3 69.3

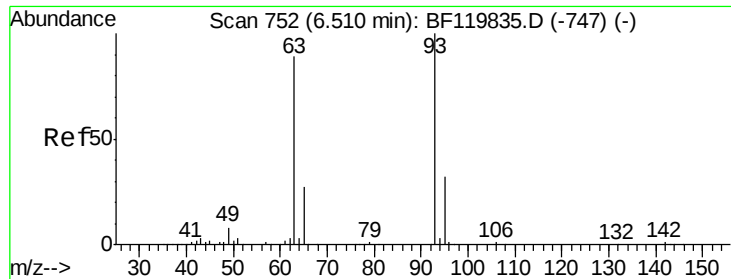


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.476 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

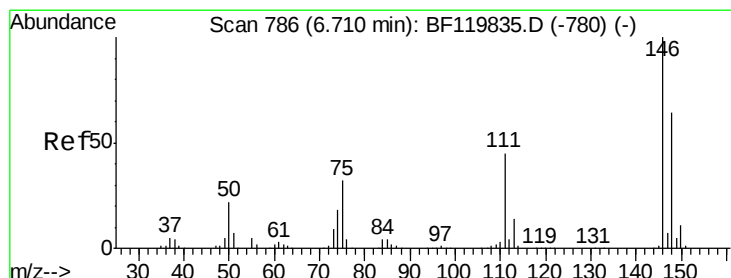
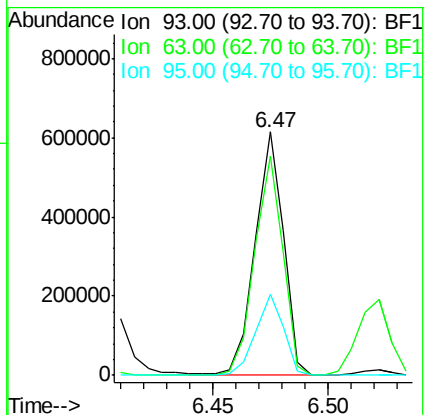
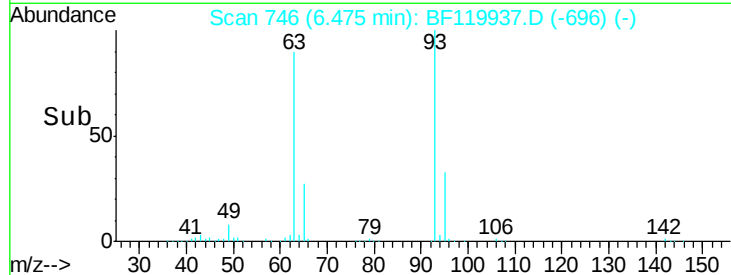
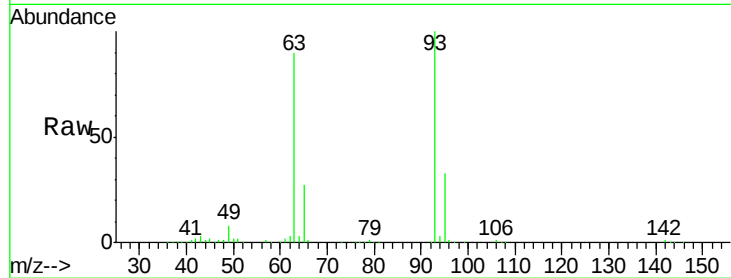
Tot Ion: 93 Resp: 526548

Ion Ratio Lower Upper

93 100

63 90.2 69.1 109.1

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.438 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

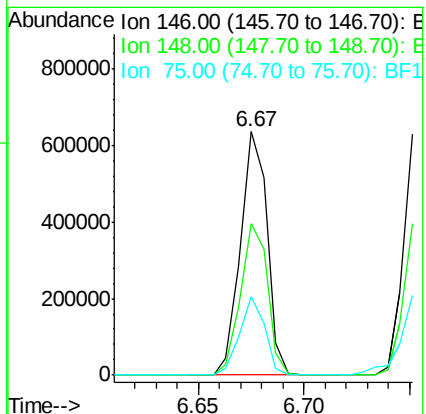
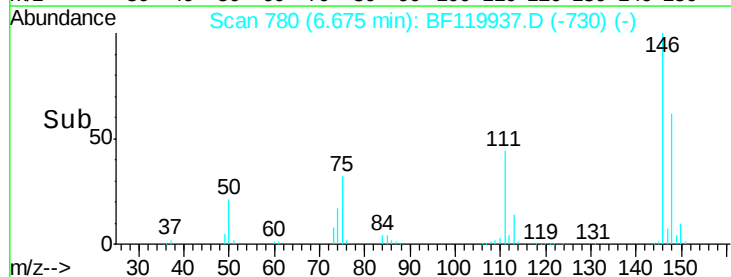
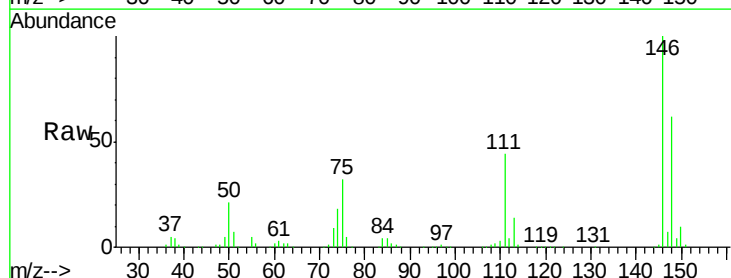
Tgt Ion: 146 Resp: 554405

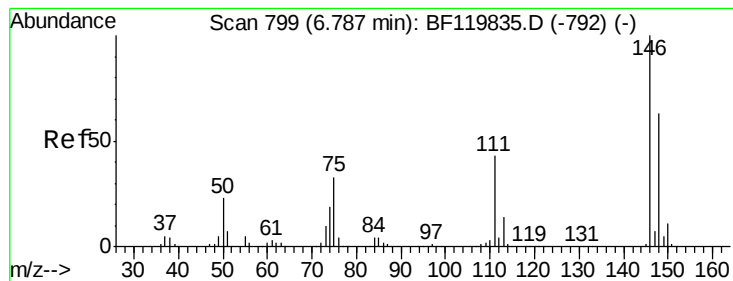
Ion Ratio Lower Upper

146 100

148 62.0 51.3 76.9

75 32.4 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 35.138 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

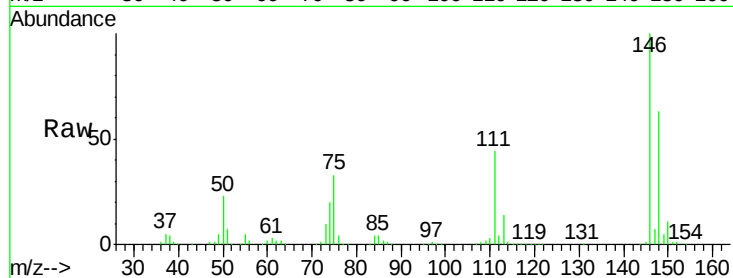
Tot Ion:146 Resp: 559962

Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

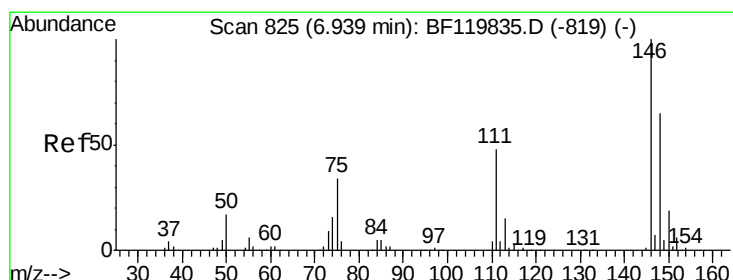
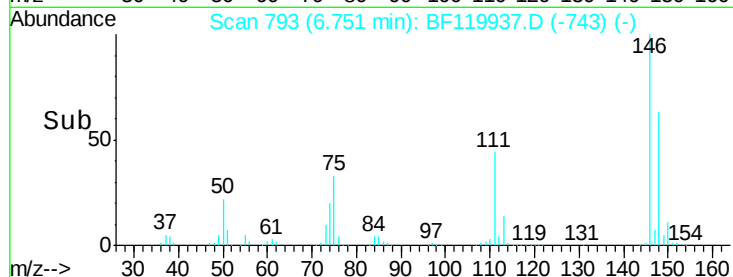
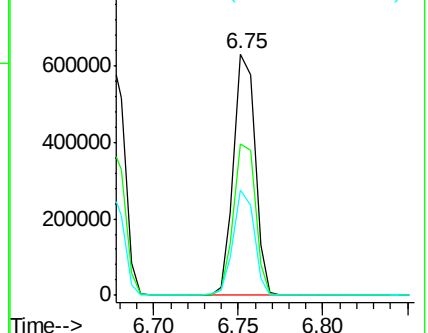
111 43.8 34.7 52.1



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: 35.668 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

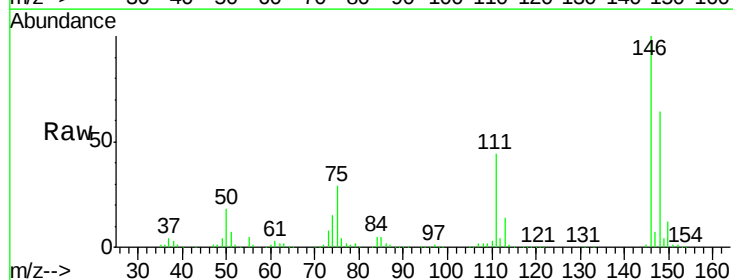
Tgt Ion:146 Resp: 523843

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

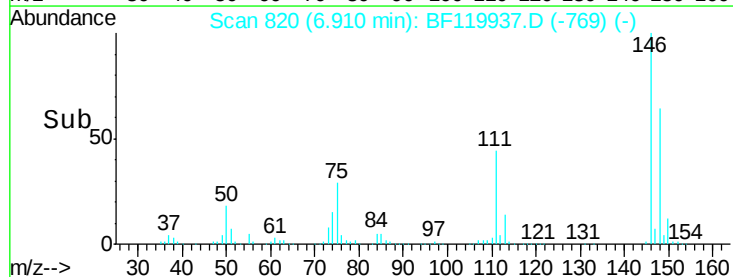
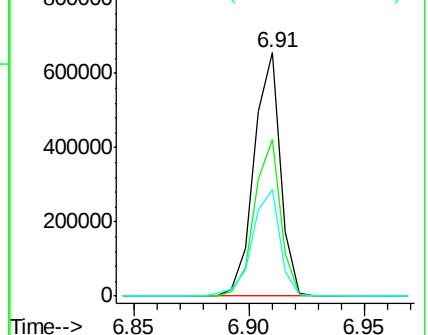
111 43.7 38.0 57.0

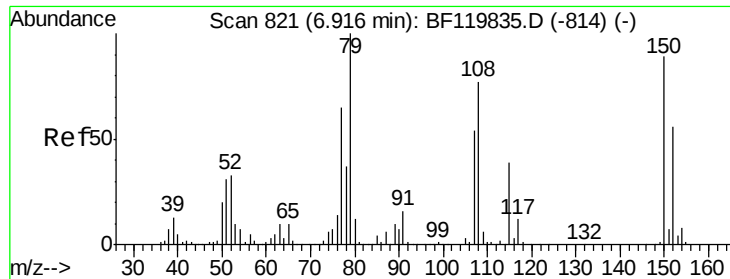


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

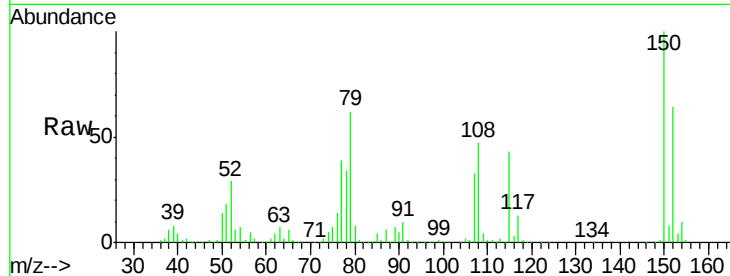




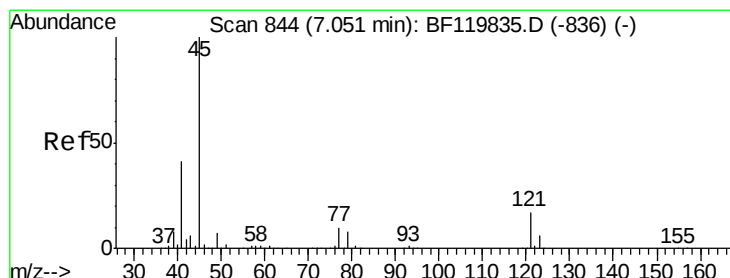
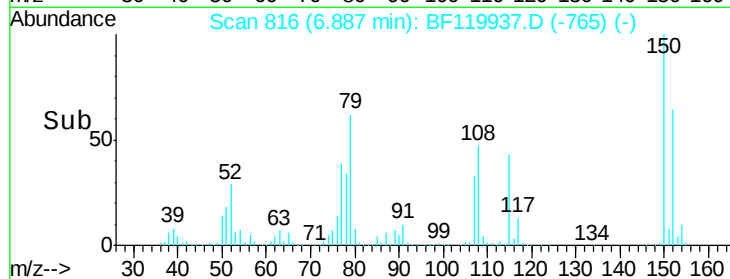
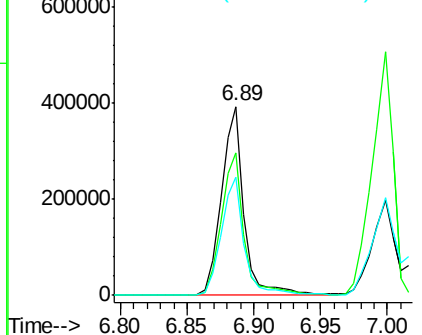
#15
Benzyl Alcohol
Concen: 36.424 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 466213
Ion Ratio Lower Upper
79 100
108 75.8 62.0 93.0
77 62.6 51.8 77.6

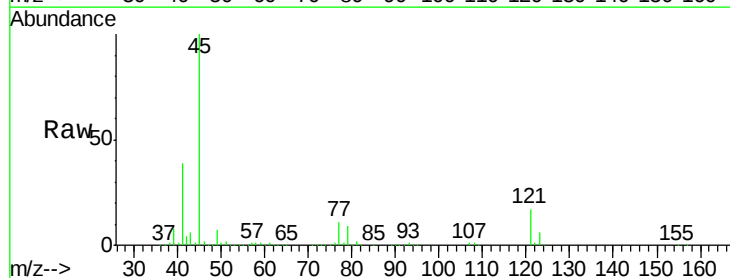


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

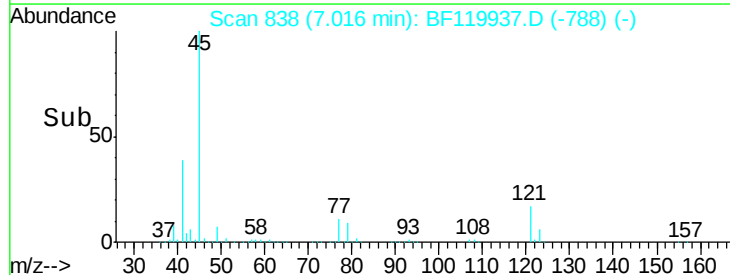
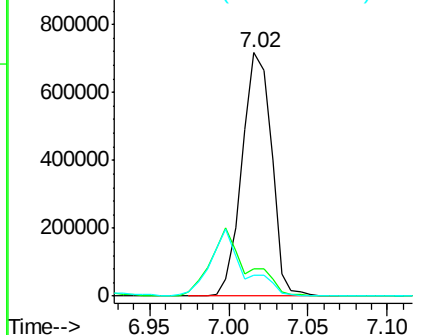


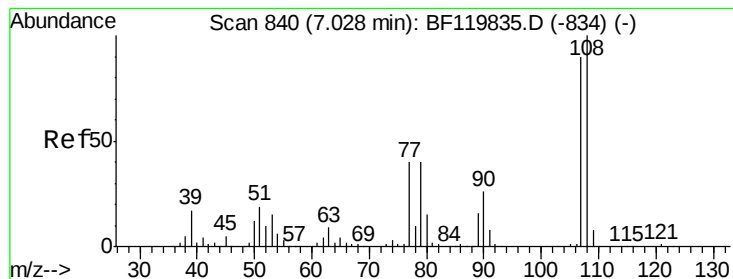
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.060 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion: 45 Resp: 928660
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.7
79 8.6 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

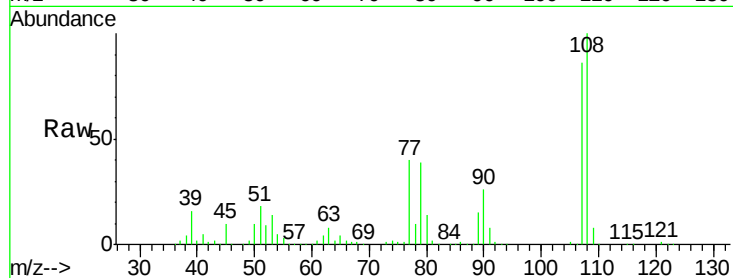




#17
2-Methylphenol
Concen: 36.834 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	88.8	133.2
77	46.6	36.0	54.0
79	45.5	35.7	53.5



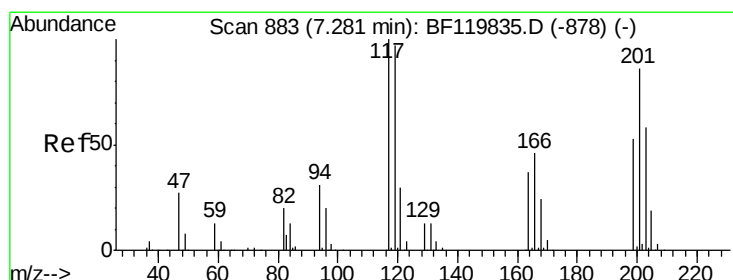
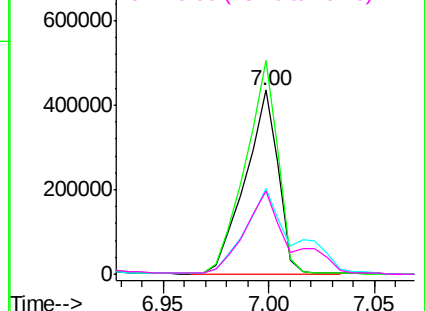
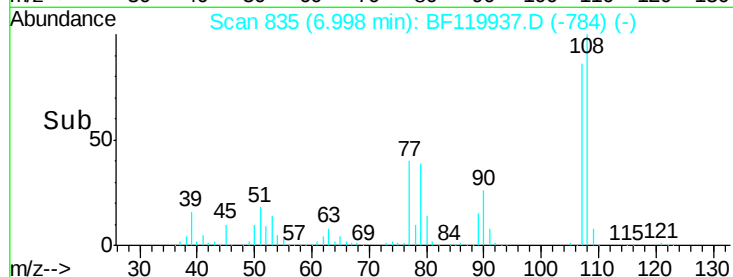
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

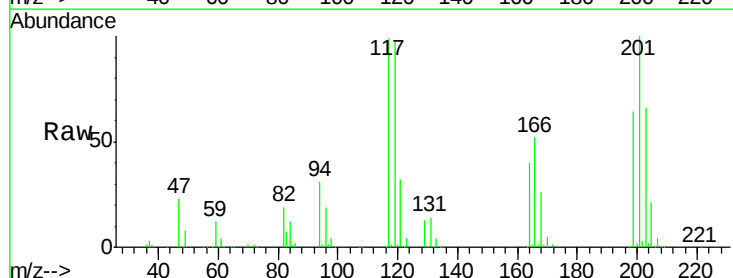
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.810 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.4	116.0
201	100.5	68.4	102.6

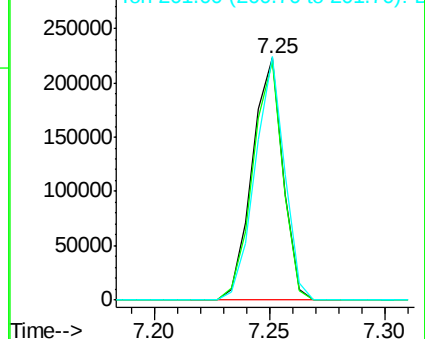
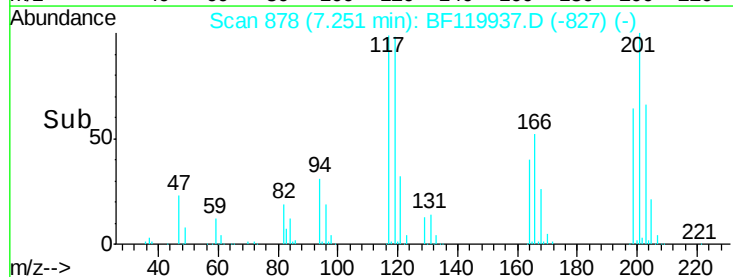


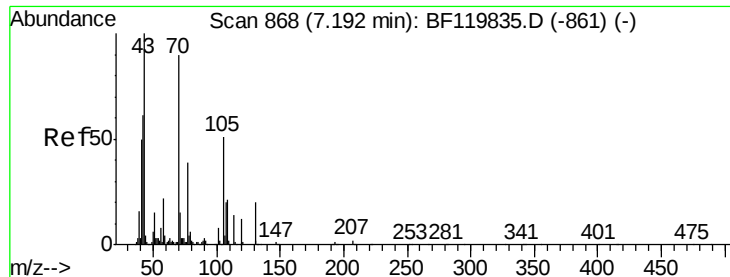
Abundance

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

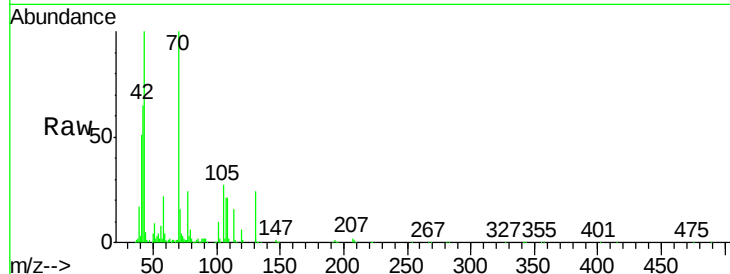




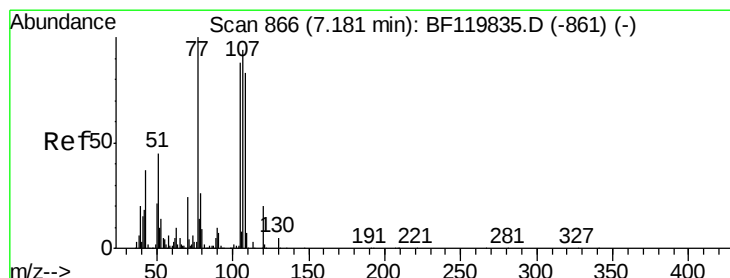
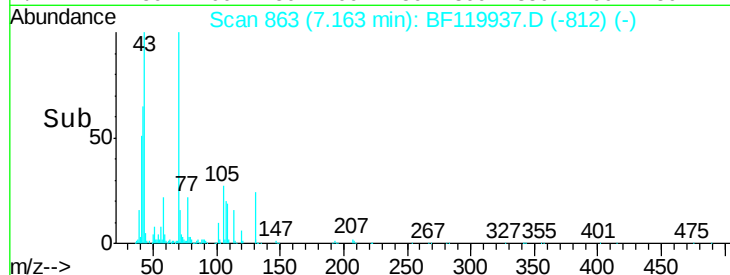
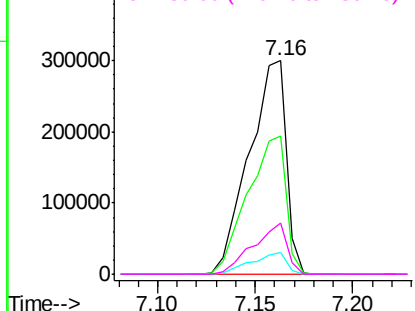
#19
n-Nitroso-di-n-propylamine
Concen: 37.292 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	395187
Ion	Ratio	Lower	Upper
70	100		
42	64.9	54.2	81.4
101	10.0	7.4	11.2
130	24.2	17.8	26.6

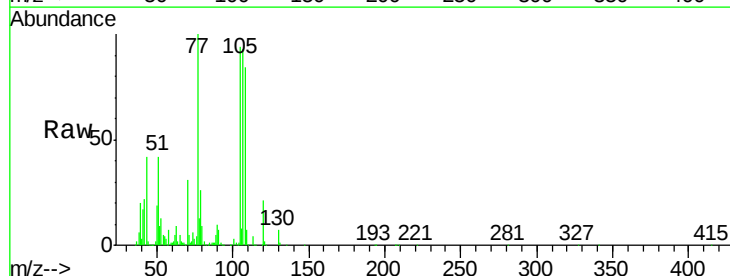


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

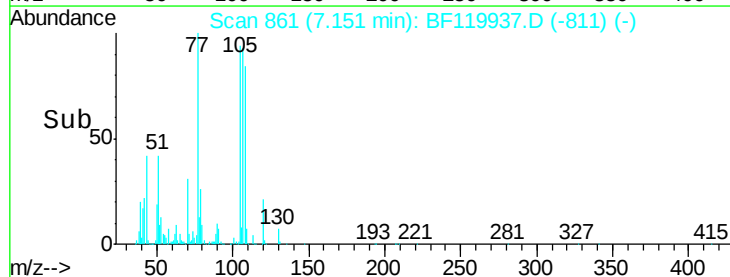
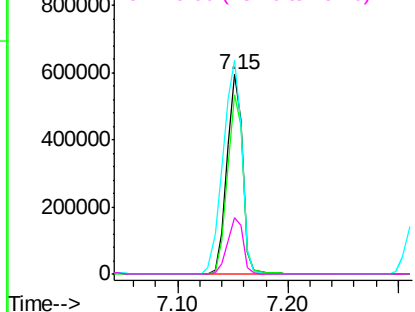


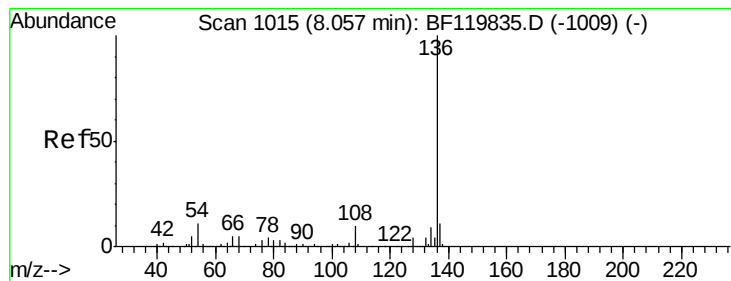
#20
3+4-Methylphenols
Concen: 37.911 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:	107	Resp:	591280
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	107.0	86.6	126.6
79	28.2	7.7	47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 868946

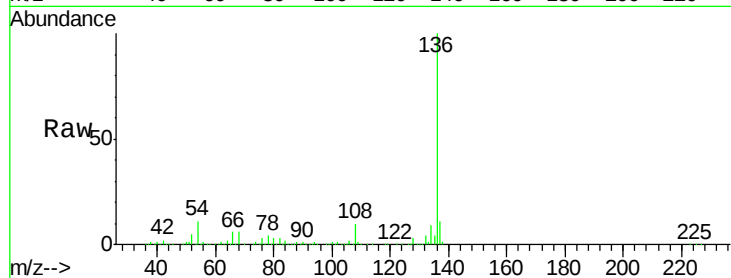
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 8.5 12.7

68 5.7 3.9 5.9

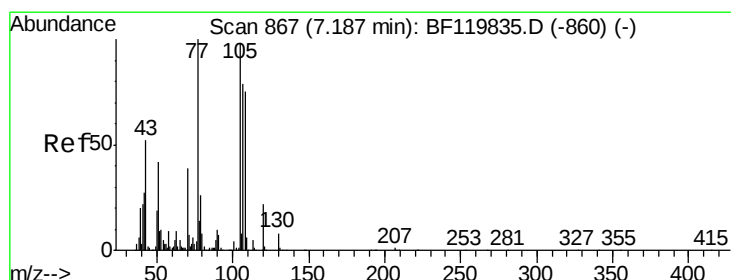
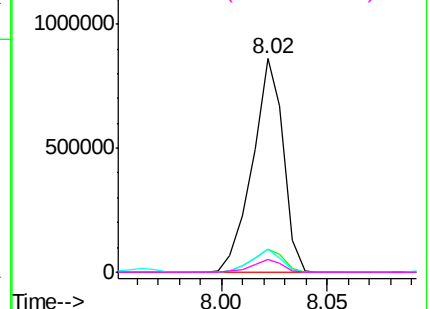
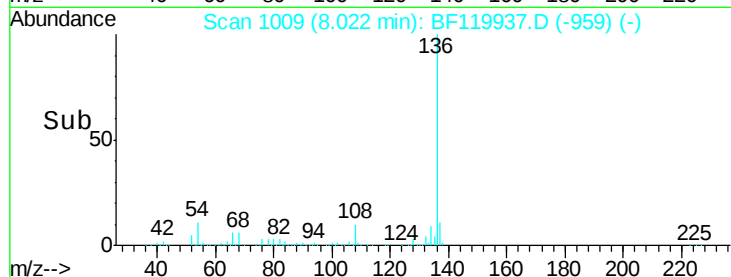


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.909 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:105 Resp: 751029

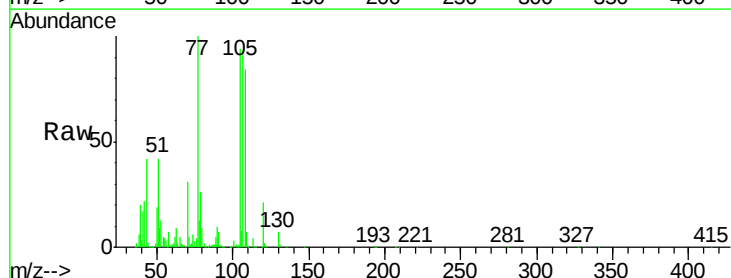
Ion Ratio Lower Upper

105 100

71 5.5 5.6 8.4#

51 44.9 33.9 50.9

120 22.3 17.8 26.8

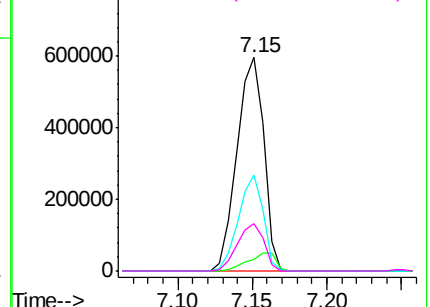
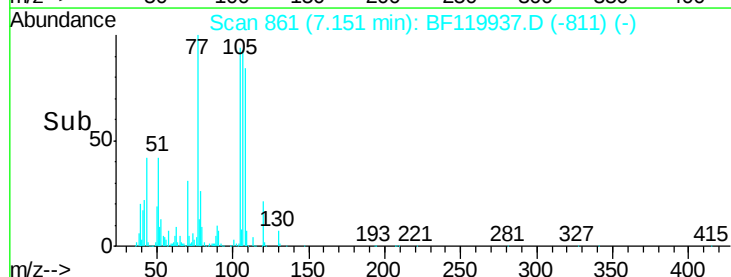


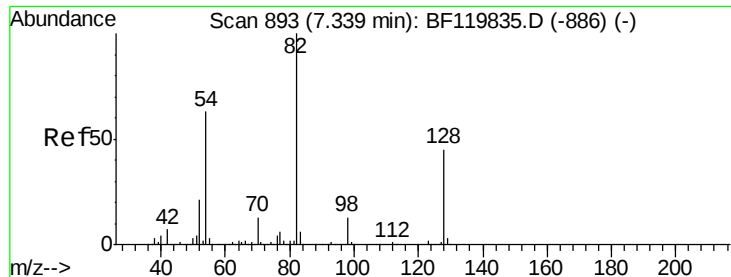
Abundance Ion 105.00 (104.70 to 105.70): E

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

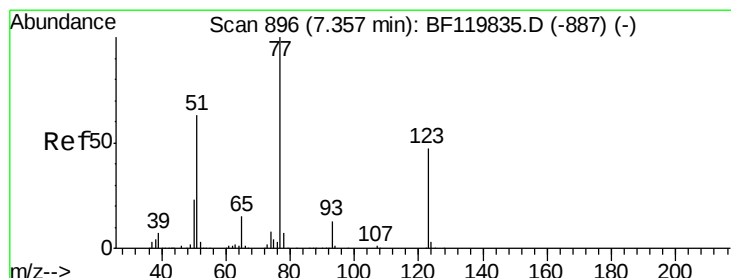
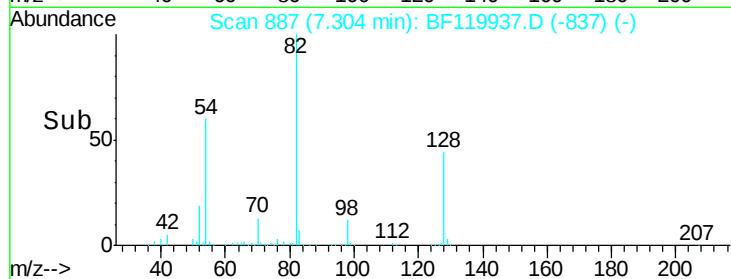
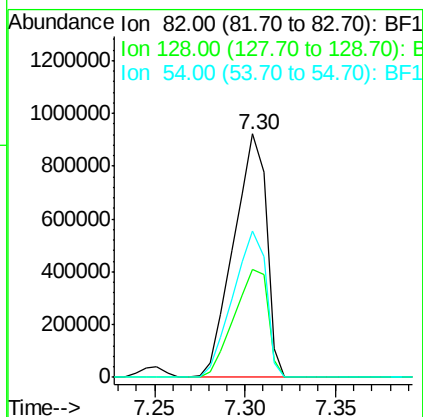
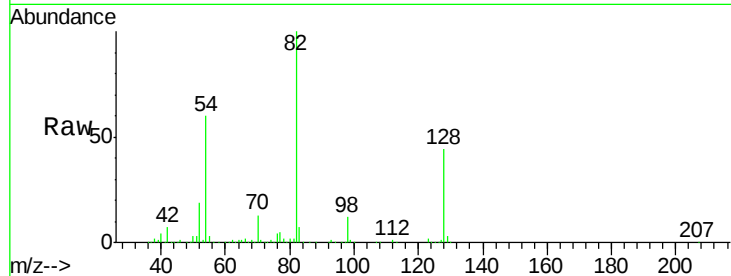




#23
 Nitrobenzene-d5
 Concen: 69.123 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

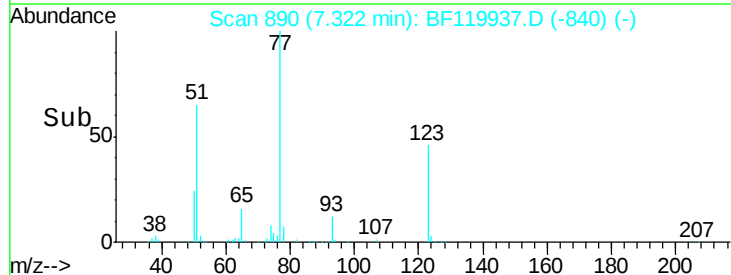
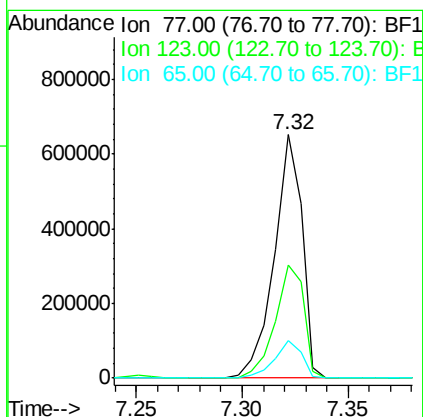
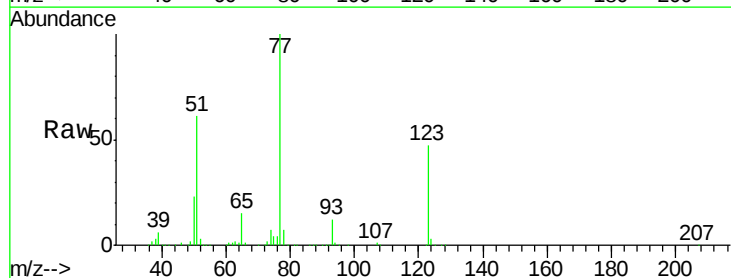
Instrument :
 BNA_F
 ClientSampleId :

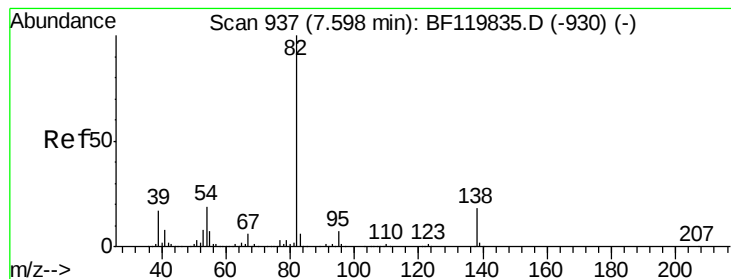
Tot Ion: 82 Resp: 1161031
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.2 54.4
 54 60.1 50.4 75.6



#24
 Nitrobenzene
 Concen: 35.520 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion: 77 Resp: 600169
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.8 56.8
 65 15.3 12.2 18.2





#25

Isophorone

Concen: 34.979 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

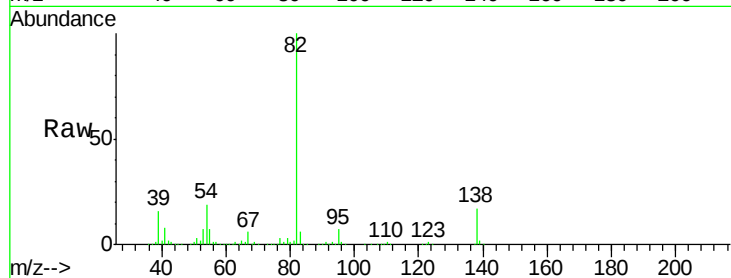
Tot Ion: 82 Resp: 1132566

Ion Ratio Lower Upper

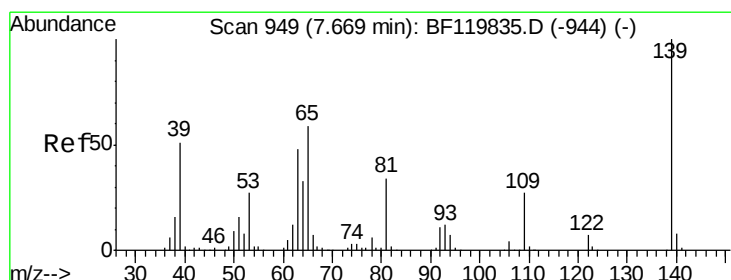
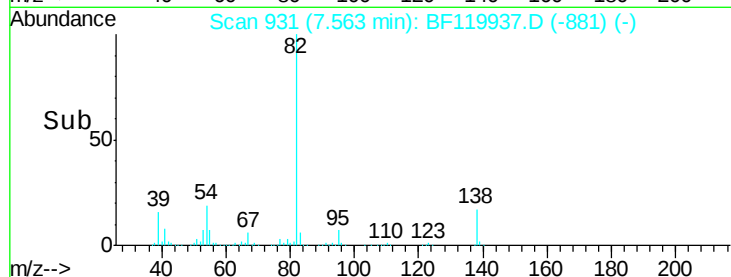
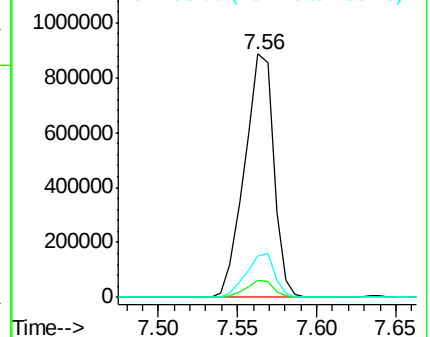
82 100

95 6.8 5.8 8.6

138 17.0 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: 37.309 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

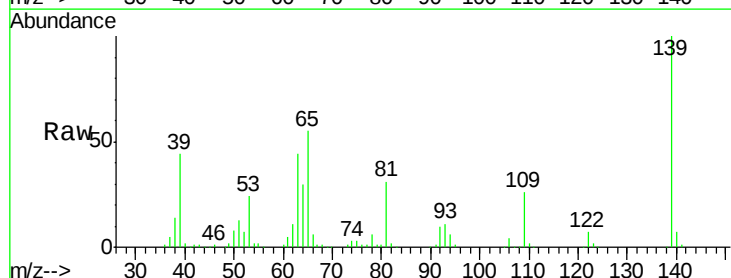
Tgt Ion: 139 Resp: 314948

Ion Ratio Lower Upper

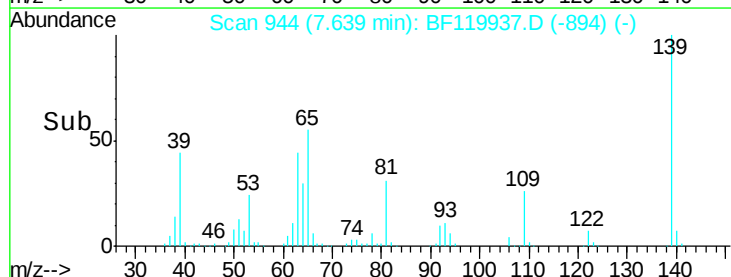
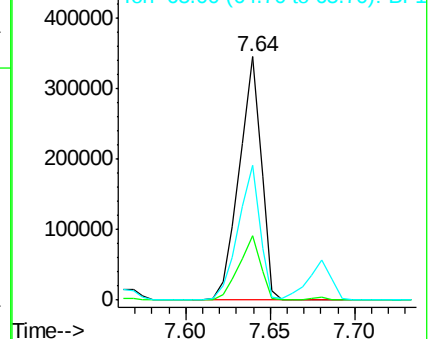
139 100

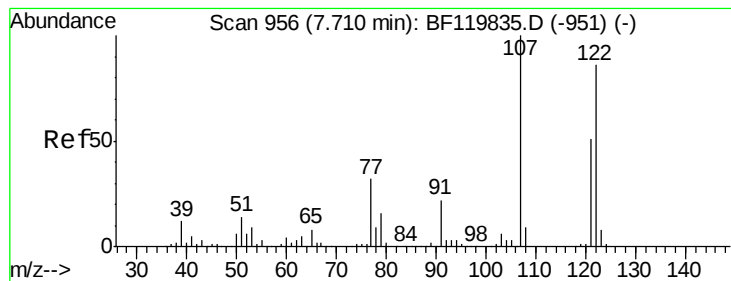
109 26.4 21.8 32.6

65 55.2 47.0 70.4



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

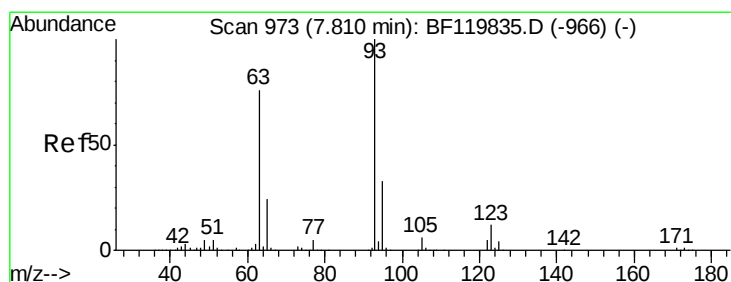
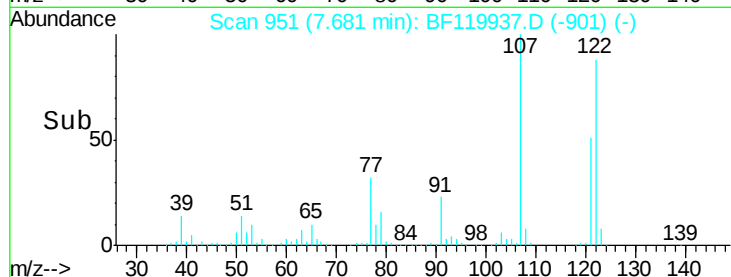
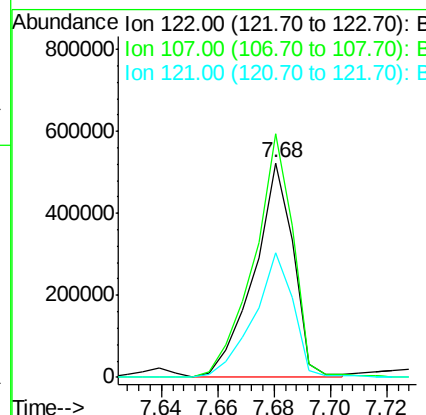
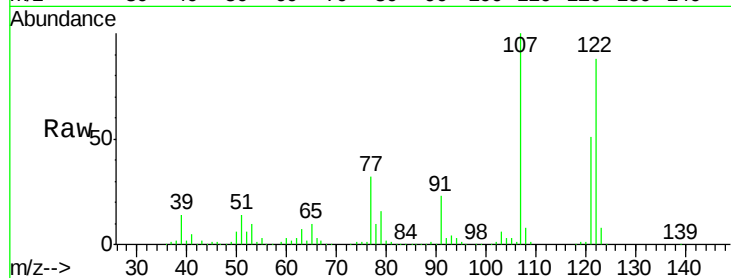




#27
 2,4-Dimethylphenol
 Concen: 39.763 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

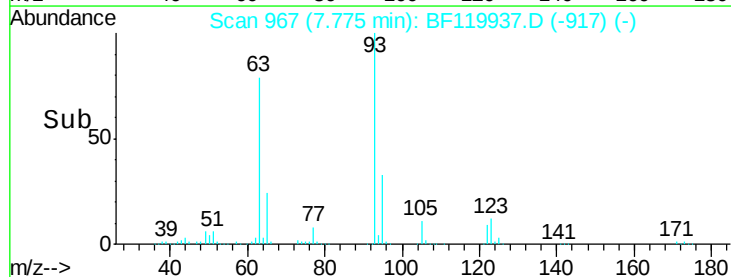
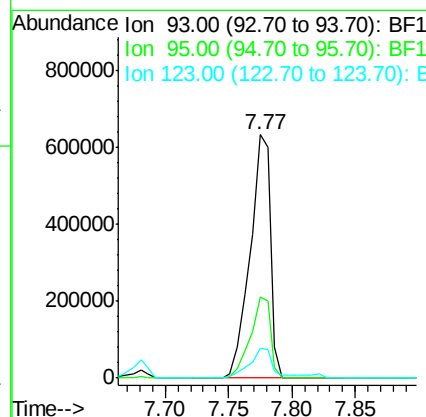
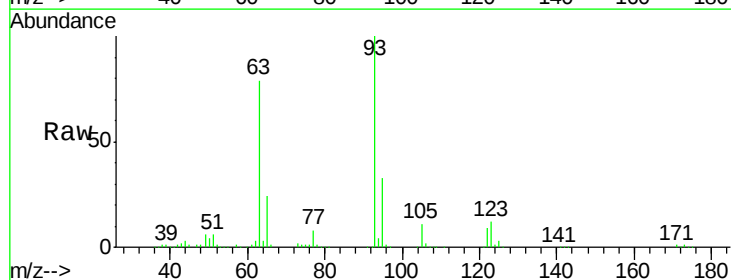
Instrument :
 BNA_F
 ClientSampleId :

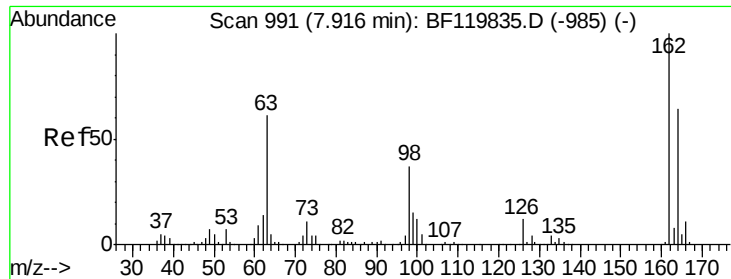
Tot Ion:122 Resp: 506245
 Ion Ratio Lower Upper
 122 100
 107 113.4 92.3 138.5
 121 58.1 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.186 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion: 93 Resp: 708502
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 12.0 9.7 14.5

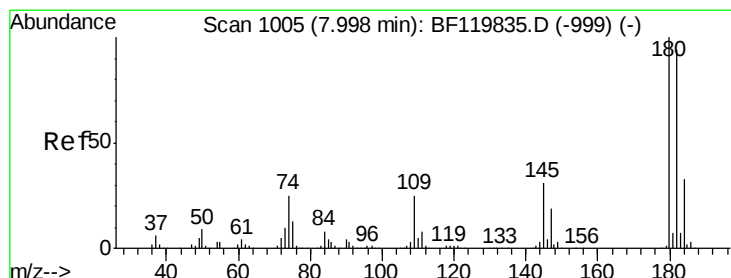
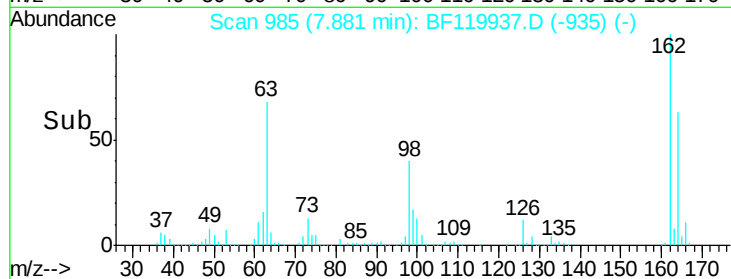
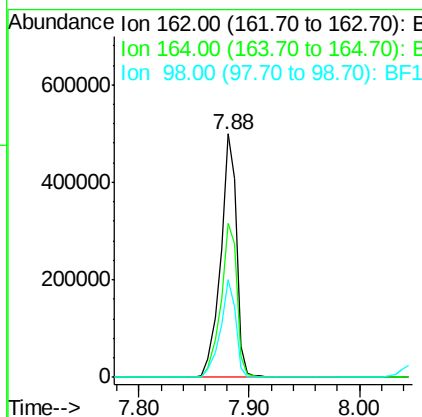
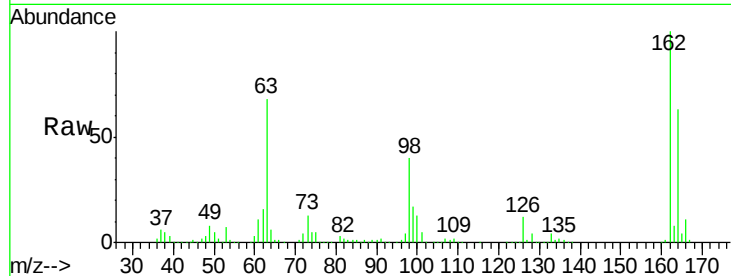




#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

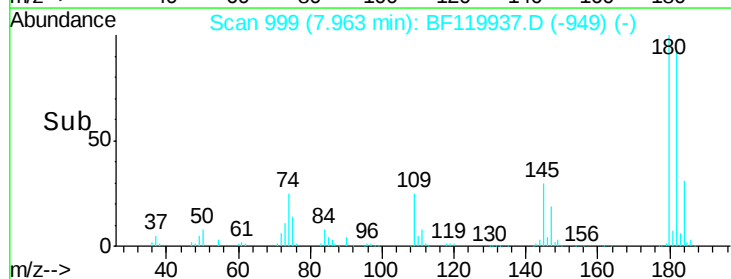
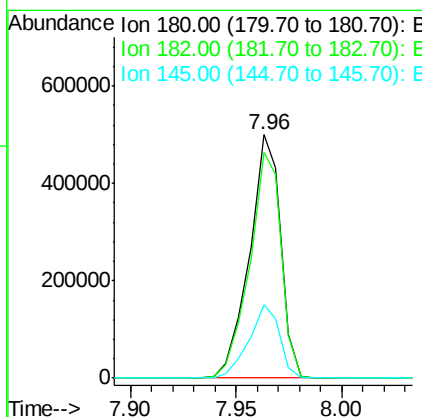
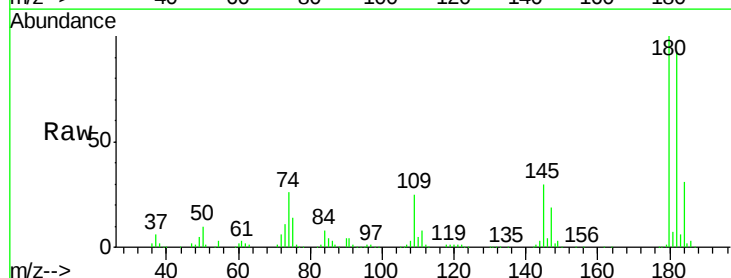
Instrument :
BNA_F
ClientSampleId :

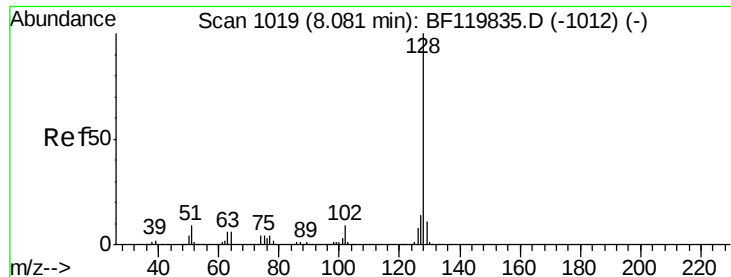
Tot Ion:162 Resp: 499630
Ion Ratio Lower Upper
162 100
164 63.5 44.4 84.4
98 40.3 17.3 57.3



#30
1,2,4-Trichlorobenzene
Concen: 34.687 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:180 Resp: 512904
Ion Ratio Lower Upper
180 100
182 92.7 75.4 113.0
145 30.1 24.6 37.0

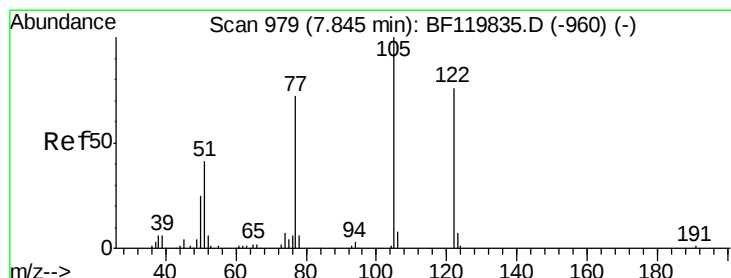
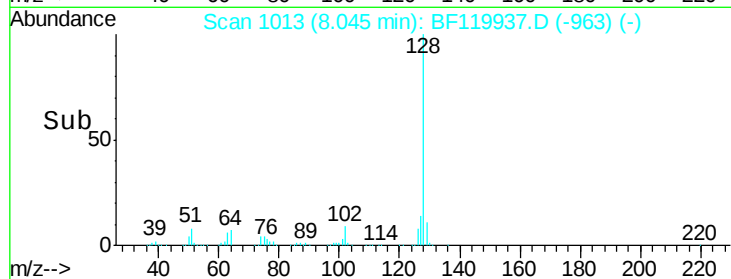
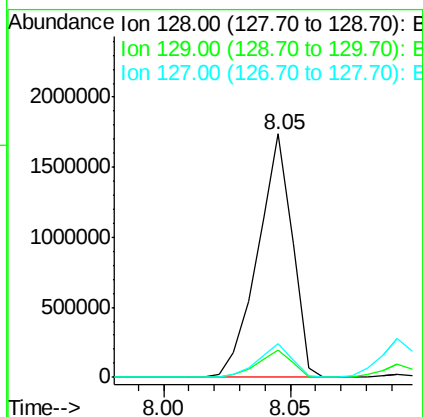
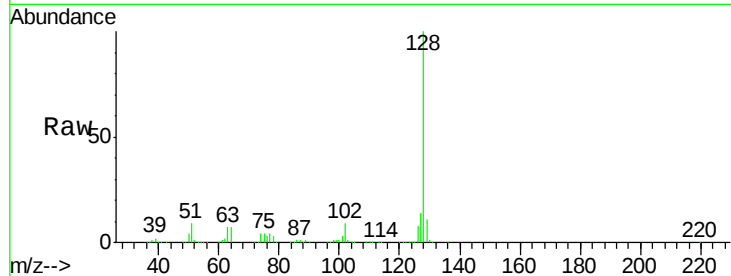




#31
Naphthalene
Concen: 35.872 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

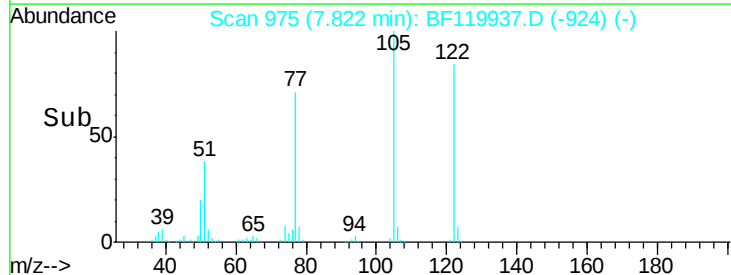
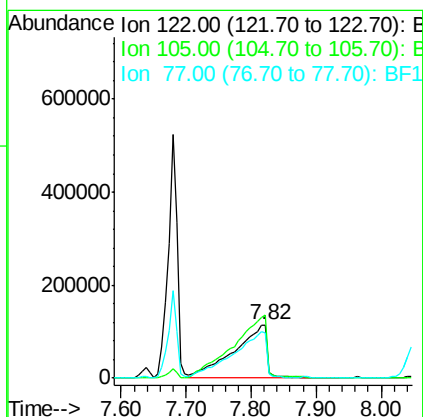
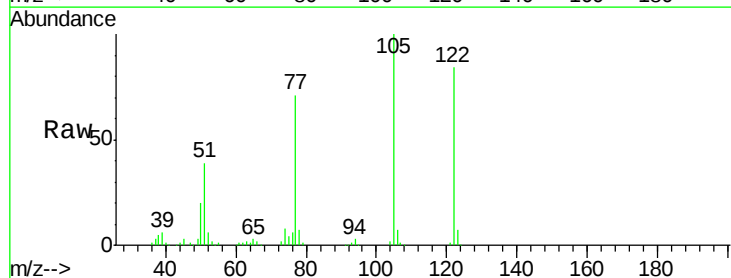
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1639994
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.1 11.0 16.4



#32
Benzoic acid
Concen: 36.027 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:122 Resp: 402830
Ion Ratio Lower Upper
122 100
105 119.3 106.7 146.7
77 84.9 72.1 112.1

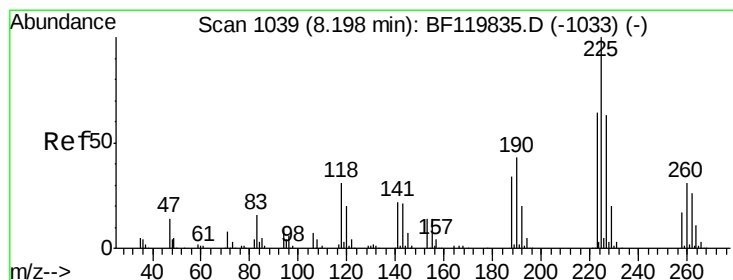
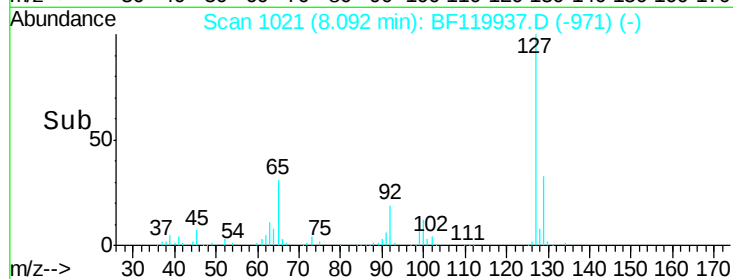
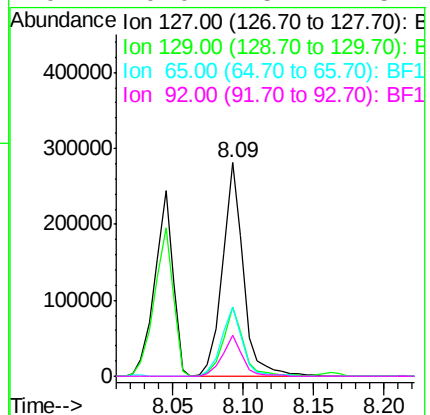
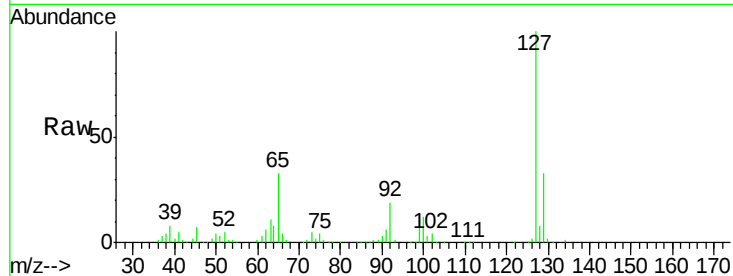




#33
4-Chloroaniline
Concen: 14.420 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

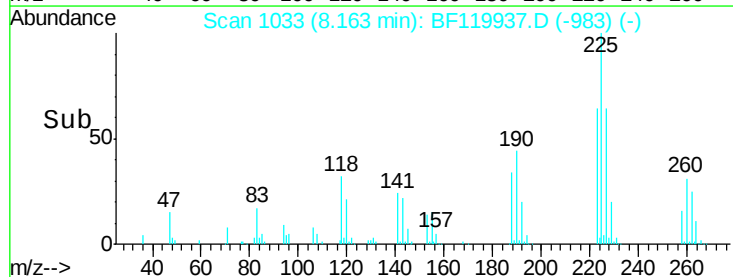
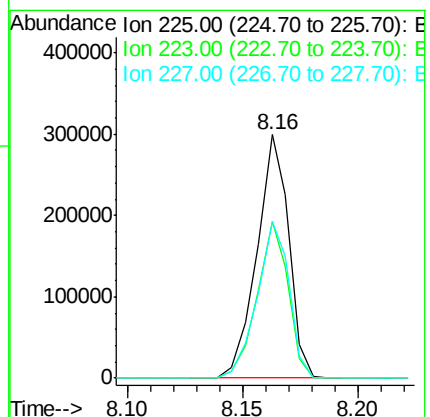
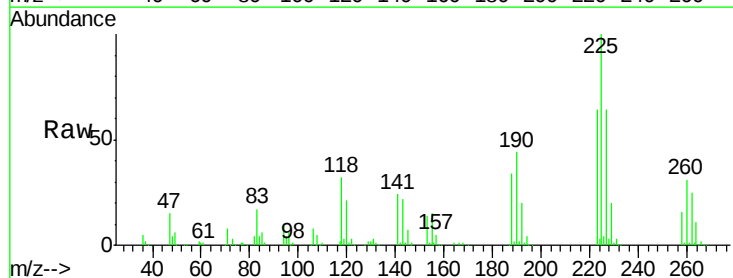
Instrument :
BNA_F
ClientSampleId :

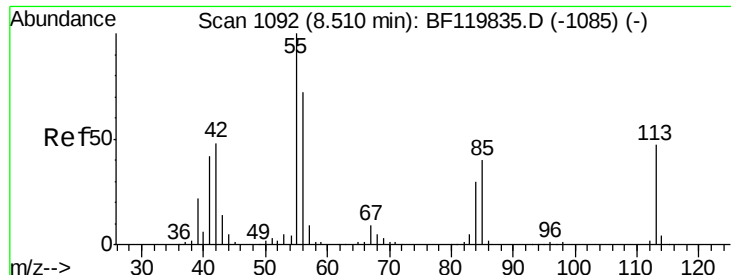
Tot Ion:	127	Resp:	286997
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	32.5	28.3	42.5
92	19.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 32.482 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:	225	Resp:	287516
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.1	50.4	75.6

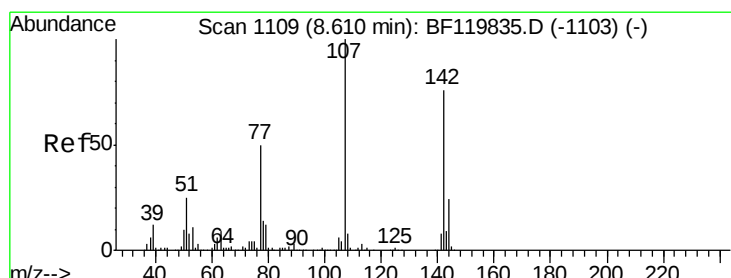
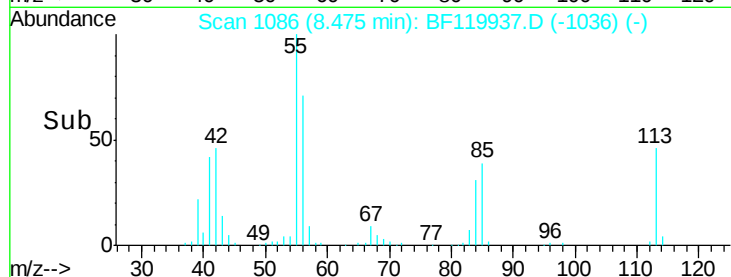
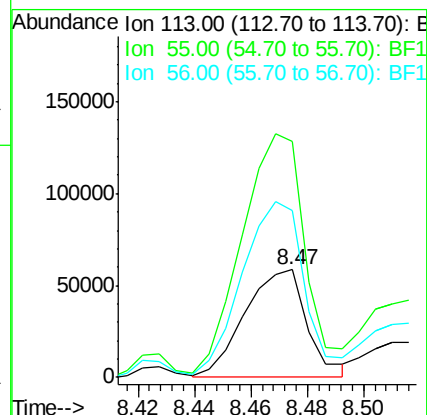
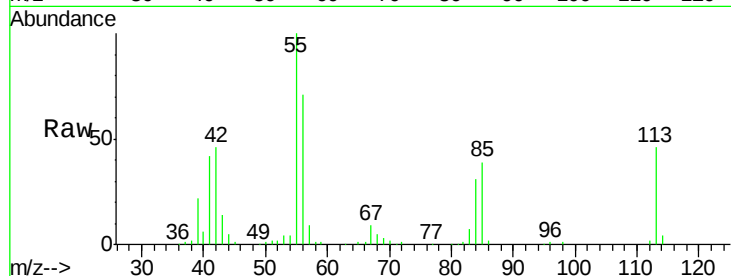




#35
 Caprolactam
 Concen: 22.583 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

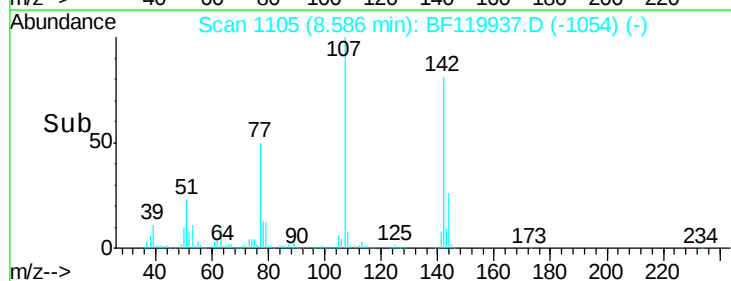
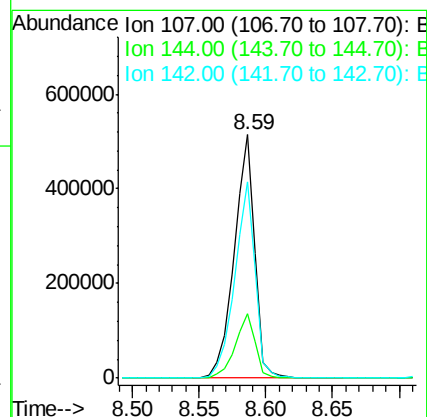
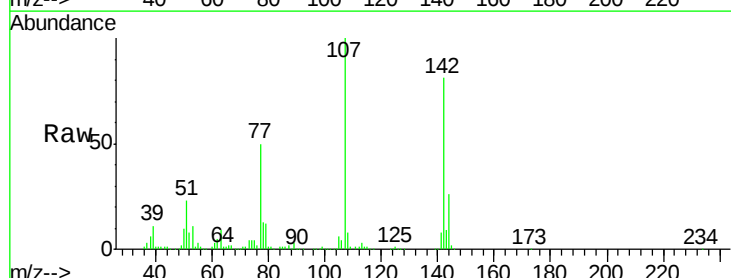
Instrument :
 BNA_F
 ClientSampleId :

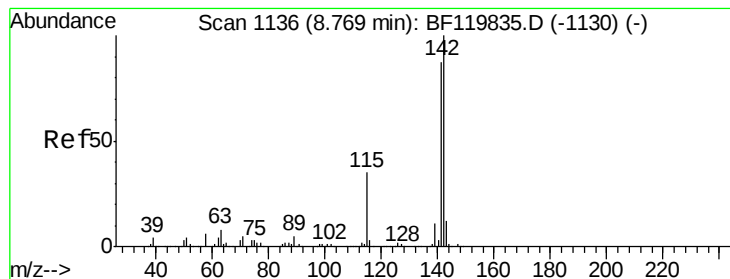
Tot Ion:113 Resp: 90150
 Ion Ratio Lower Upper
 113 100
 55 218.7 192.7 232.7
 56 154.9 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.598 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:107 Resp: 559472
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.5 29.3
 142 80.9 60.5 90.7





#37

2-Methylnaphthalene

Concen: 36.782 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

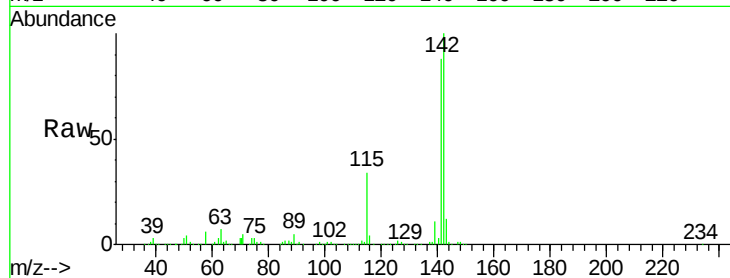
Tot Ion:142 Resp: 1140076

Ion Ratio Lower Upper

142 100

141 87.6 69.9 104.9

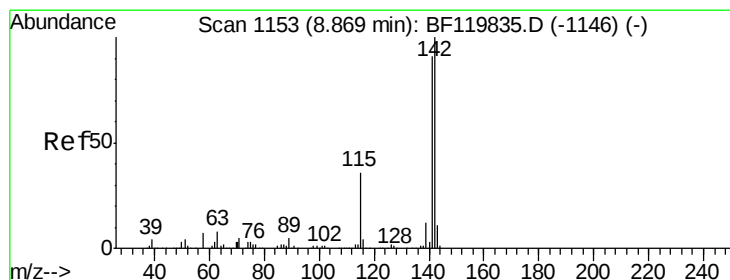
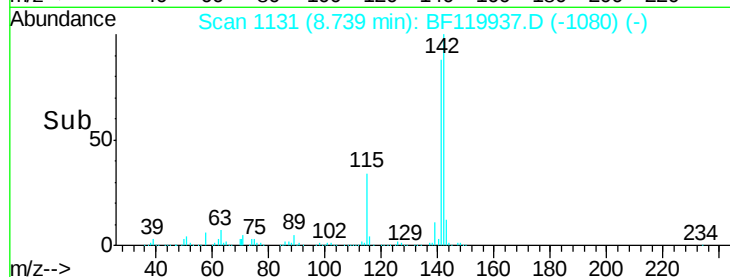
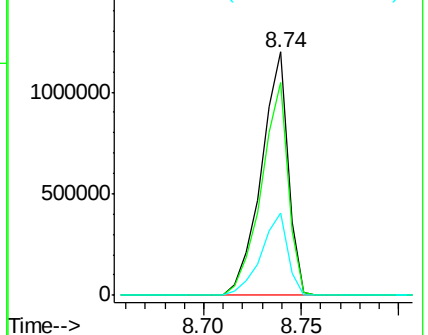
115 33.7 28.0 42.0



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: 36.953 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

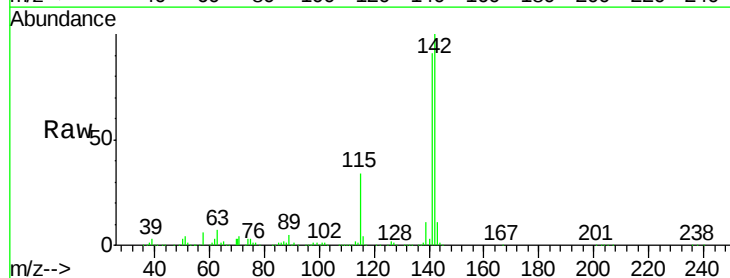
Tgt Ion:142 Resp: 1079563

Ion Ratio Lower Upper

142 100

141 91.0 72.9 109.3

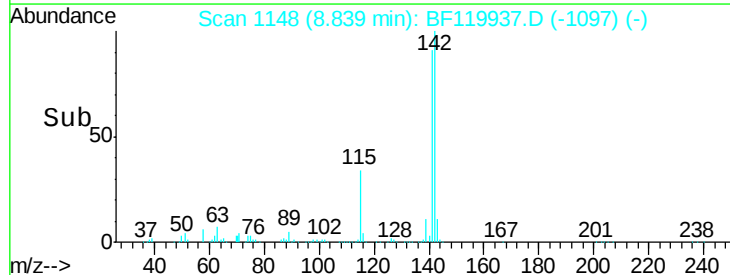
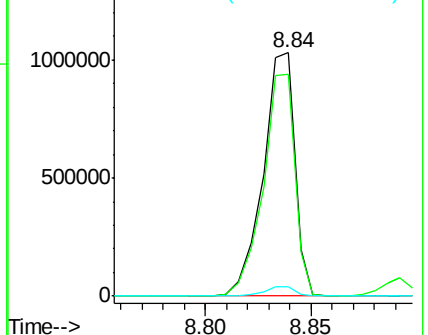
116 3.6 3.0 4.6

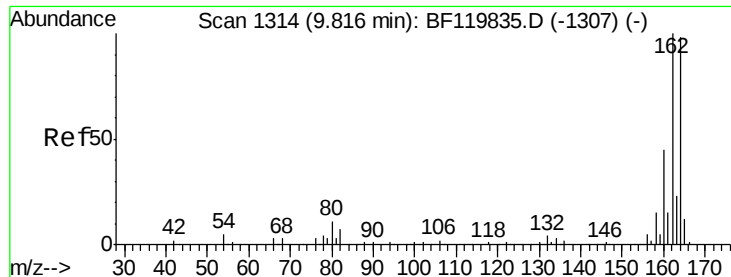


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

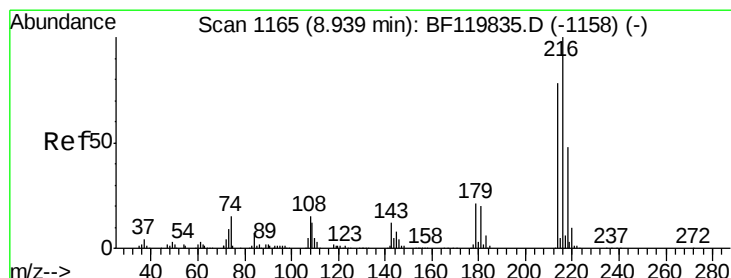
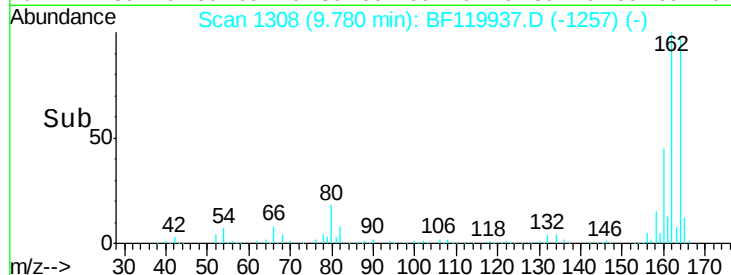
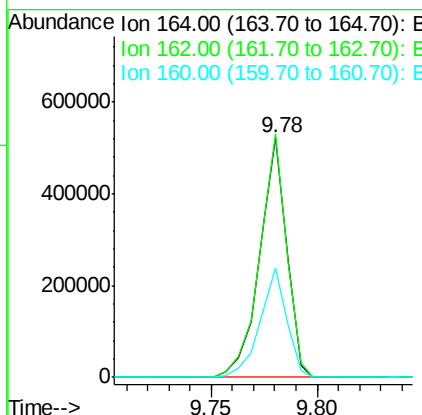
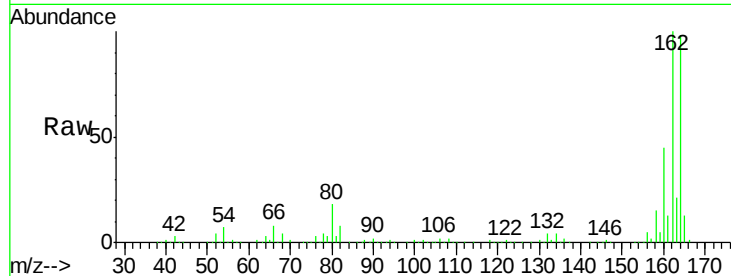




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

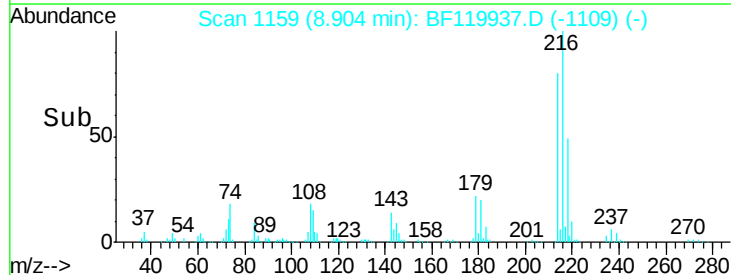
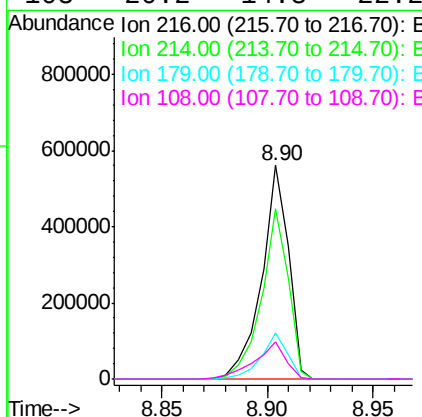
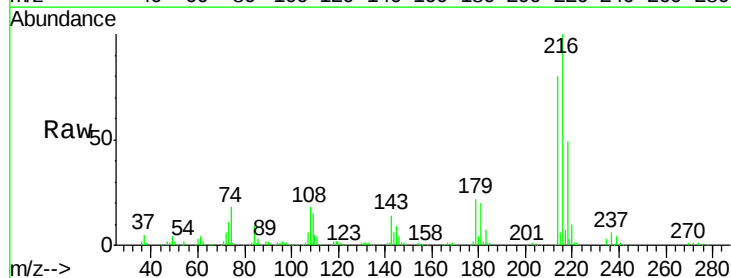
Instrument :
 BNA_F
 ClientSampleId :

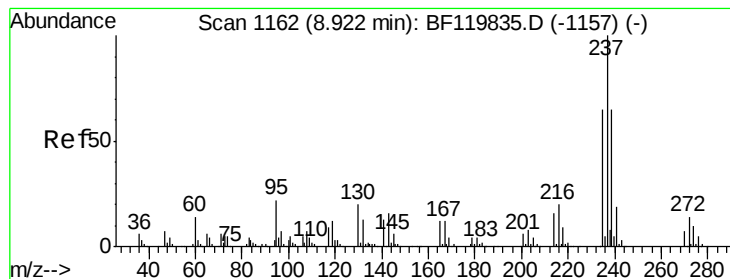
Tot Ion:164 Resp: 467036
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.9 122.9
 160 45.4 36.6 54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.610 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:216 Resp: 495782
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.1 94.7
 179 21.1 17.0 25.4
 108 20.2 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 67.182 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

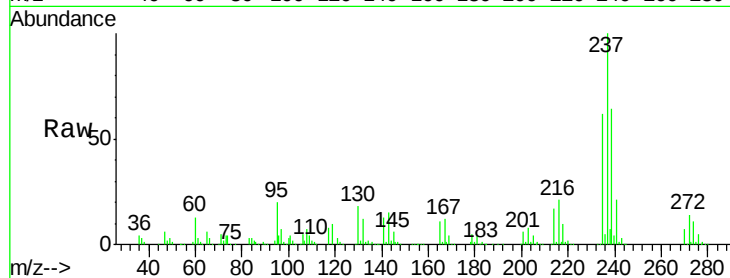
Tot Ion:237 Resp: 563521

Ion Ratio Lower Upper

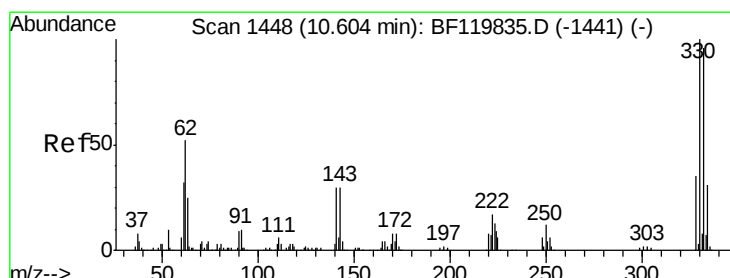
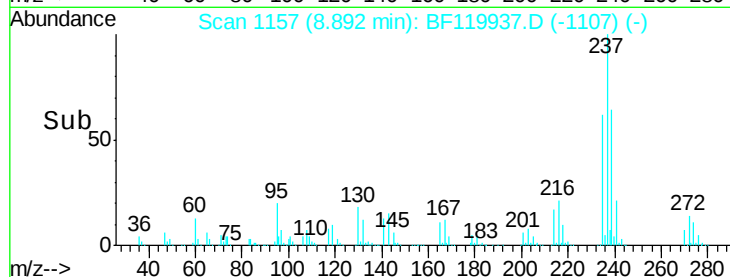
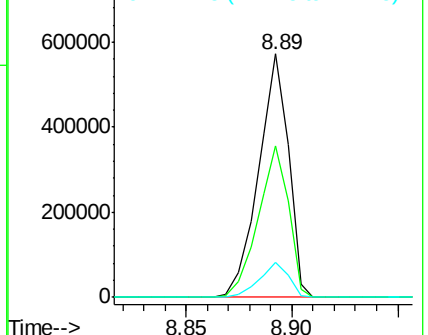
237 100

235 62.4 44.9 84.9

272 14.4 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: 105.768 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

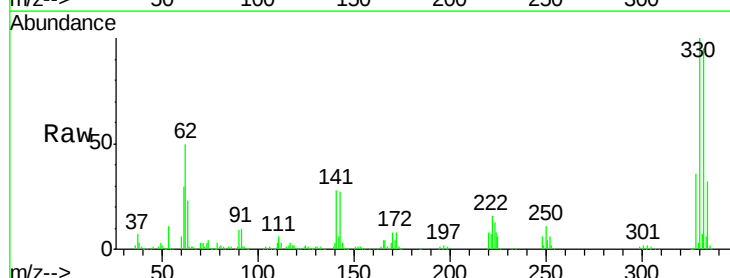
Tgt Ion:330 Resp: 604792

Ion Ratio Lower Upper

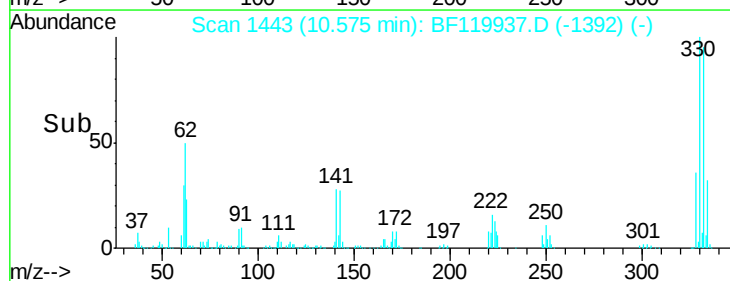
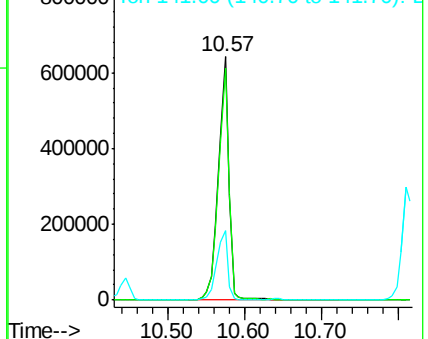
330 100

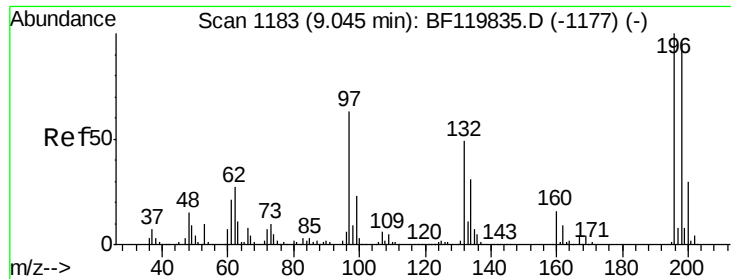
332 96.1 76.8 115.2

141 29.5 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

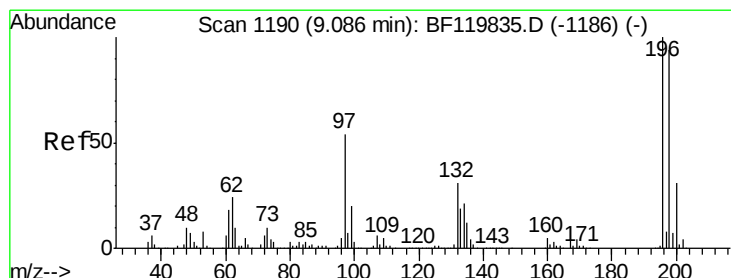
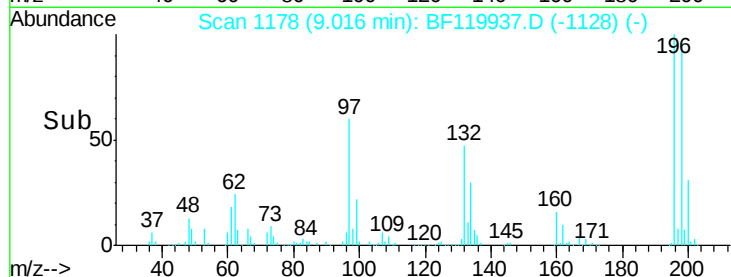
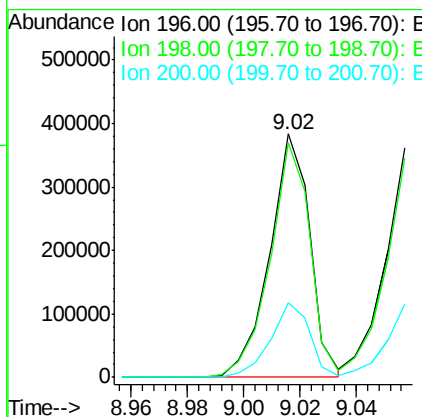
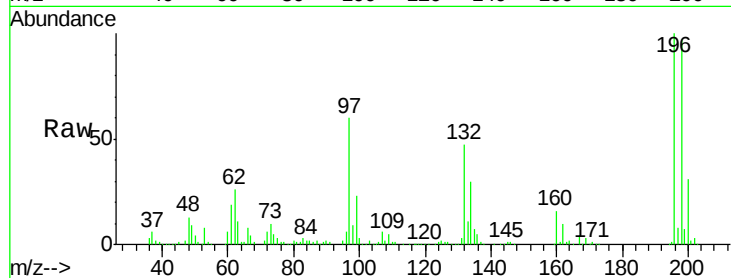




#43
 2,4,6-Trichlorophenol
 Concen: 37.131 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

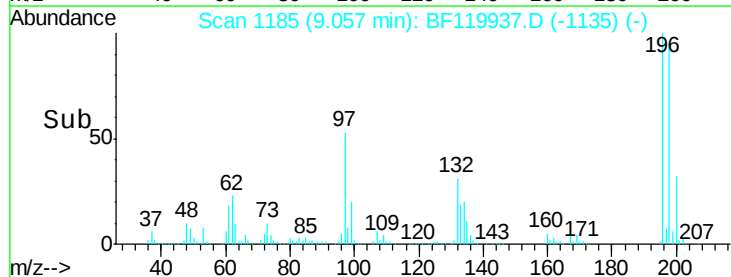
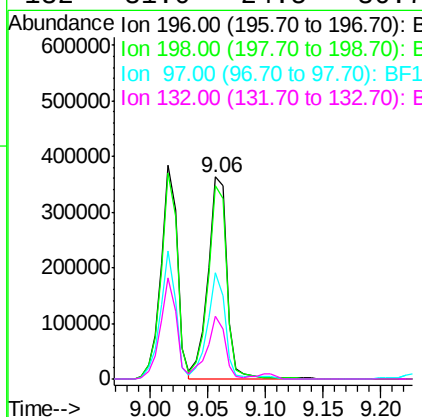
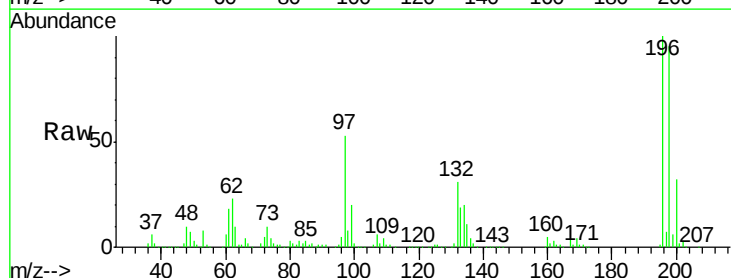
Instrument :
 BNA_F
 ClientSampleId :

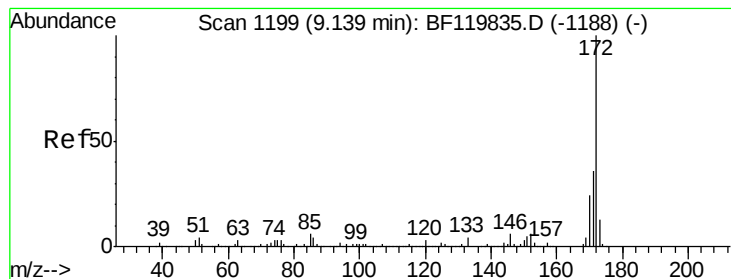
Tot Ion	196	Resp	378226
Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.6	115.0
200	30.5	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 36.114 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	196	Resp	414325
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.1	112.7
97	52.9	43.4	65.2
132	31.0	24.5	36.7





#45

2-Fluorobiphenyl

Concen: 70.667 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampled :

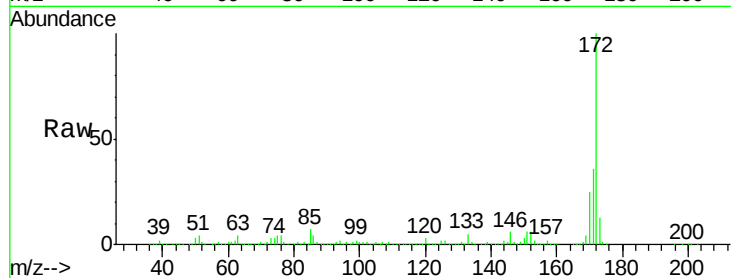
Tot Ion:172 Resp: 2324574

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

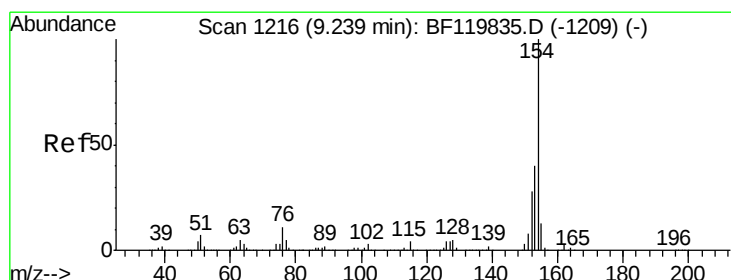
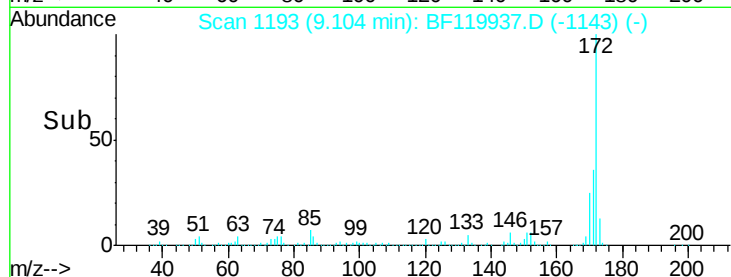
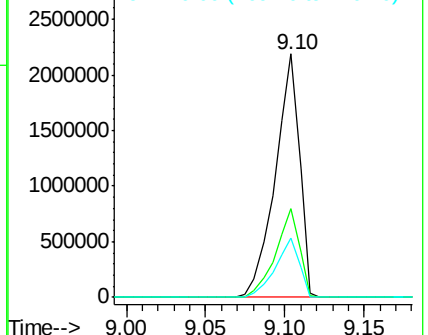
170 24.5 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 35.347 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

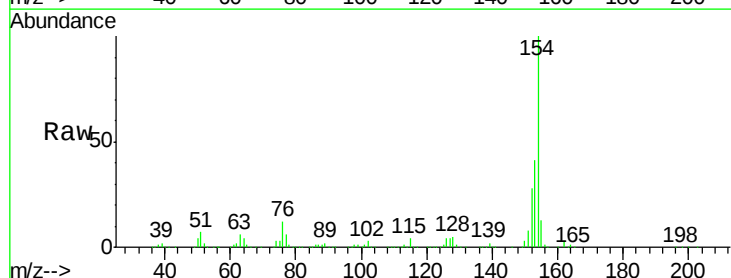
Tgt Ion:154 Resp: 1393405

Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

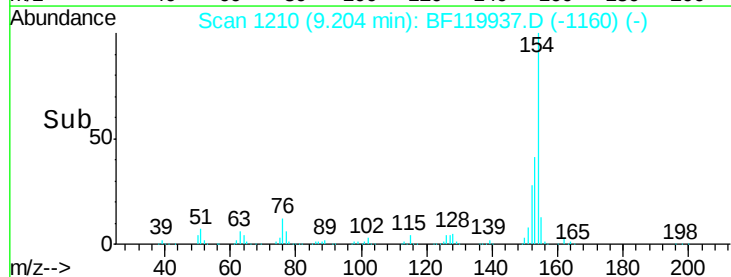
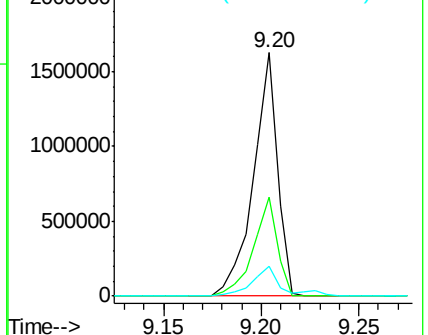
76 12.2 0.0 30.6

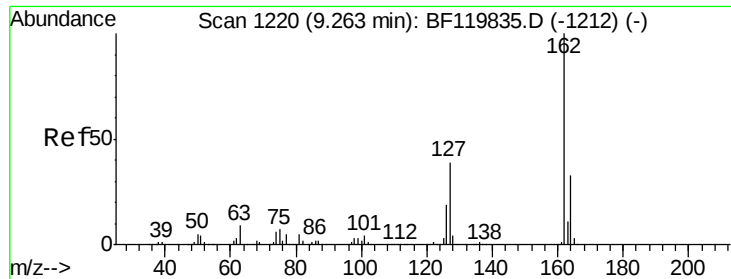


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

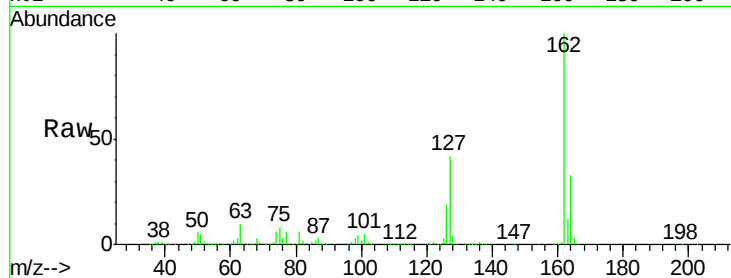




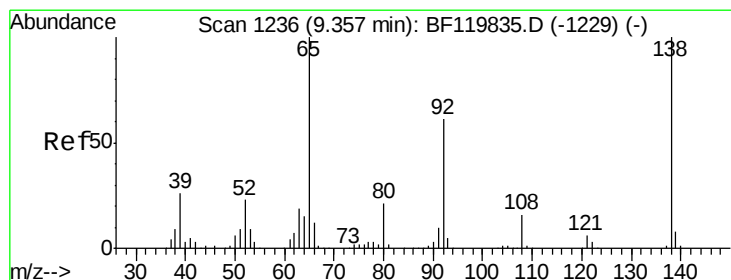
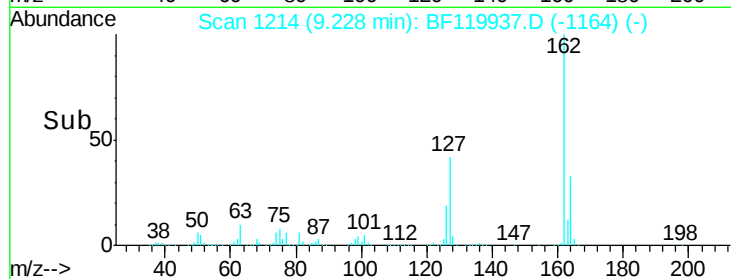
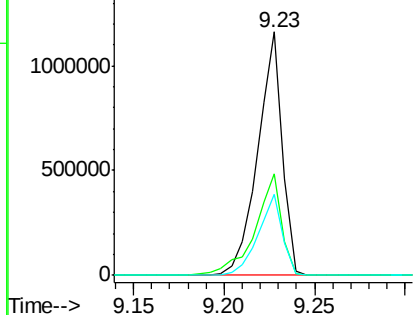
#47
 2-Chloronaphthalene
 Concen: 35.806 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1087325
 Ion Ratio Lower Upper
 162 100
 127 41.6 31.2 46.8
 164 33.1 26.3 39.5

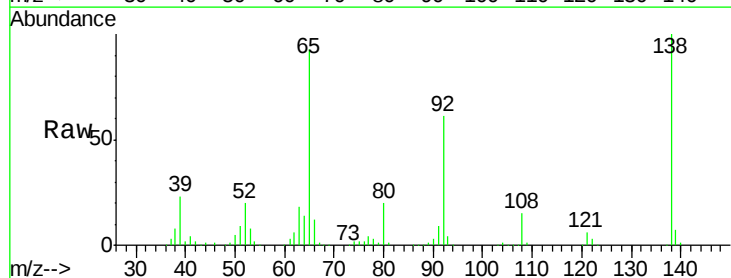


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

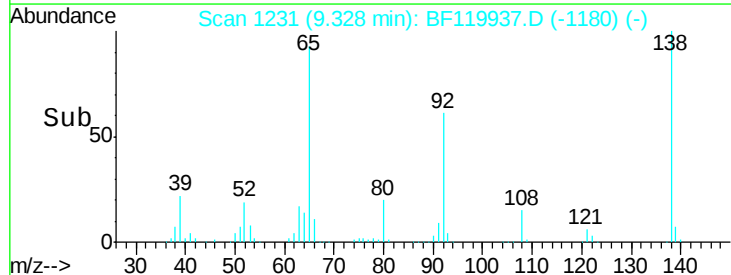
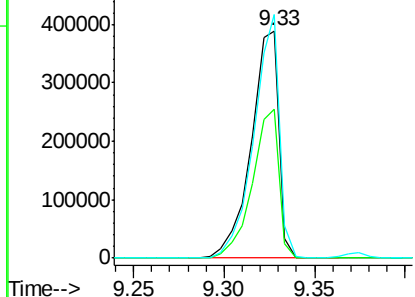


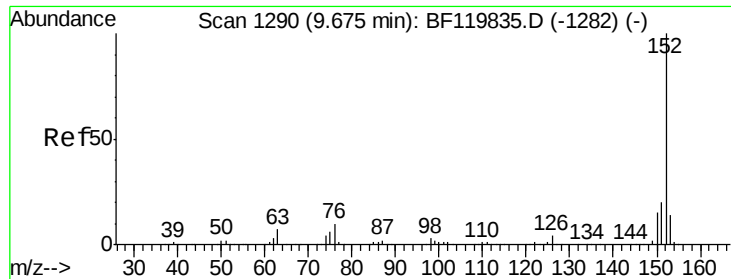
#48
 2-Nitroaniline
 Concen: 37.521 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion: 65 Resp: 412905
 Ion Ratio Lower Upper
 65 100
 92 65.4 49.0 73.6
 138 107.0 79.7 119.5



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





#49

Acenaphthylene

Concen: 37.680 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

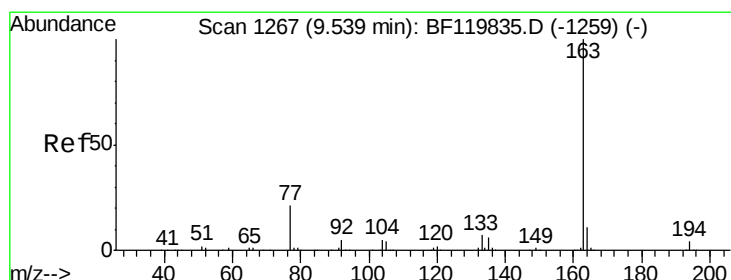
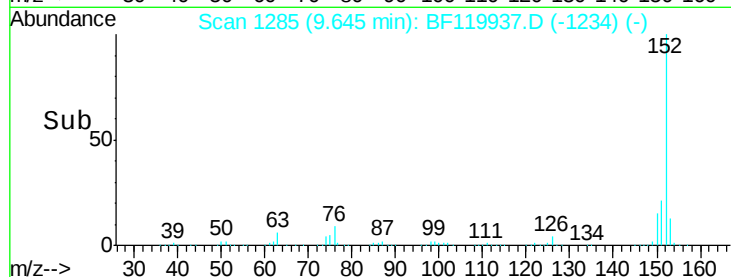
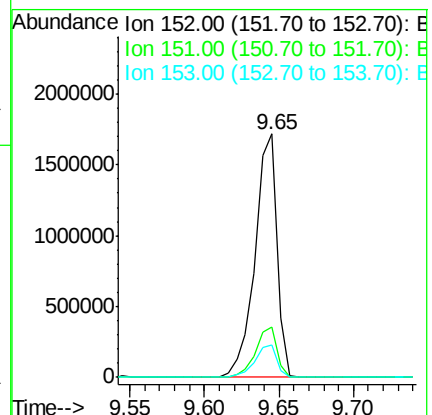
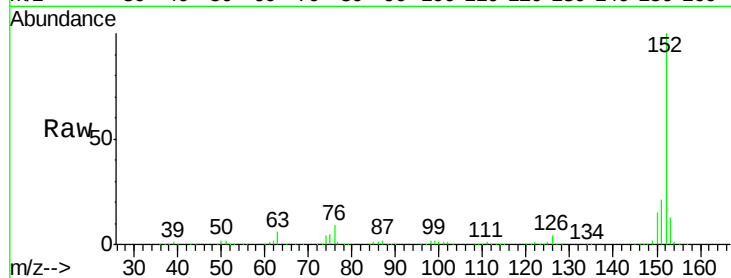
Tot Ion:152 Resp: 1740163

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 37.018 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

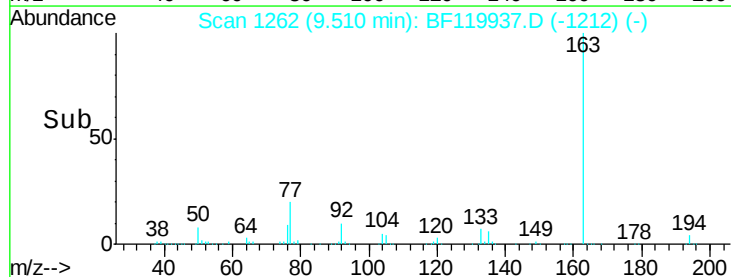
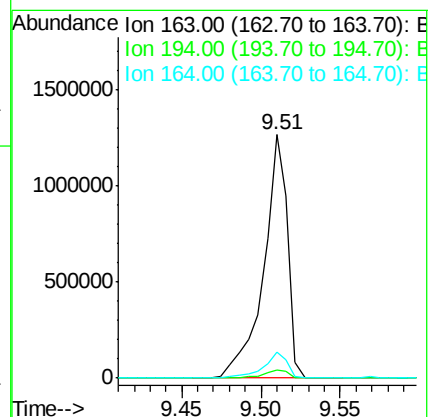
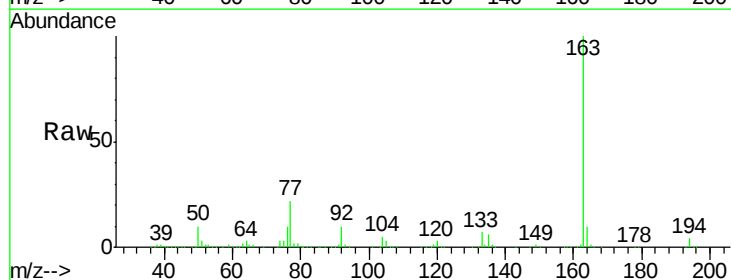
Tgt Ion:163 Resp: 1337242

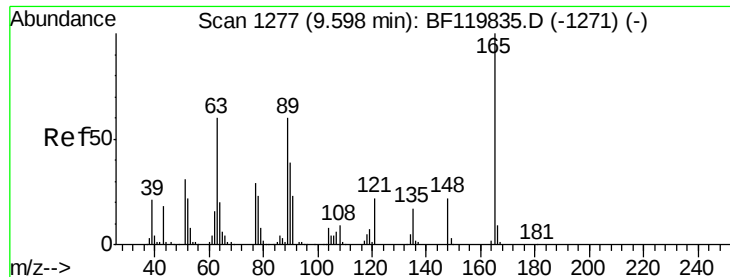
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

164 10.5 8.4 12.6

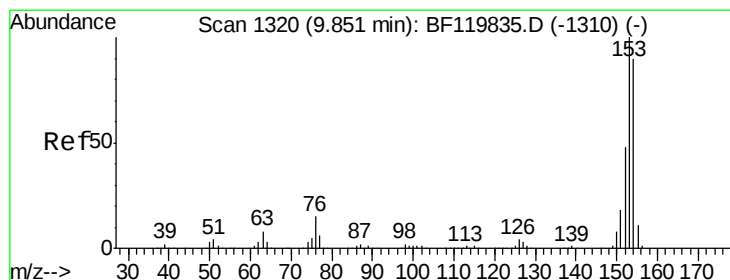
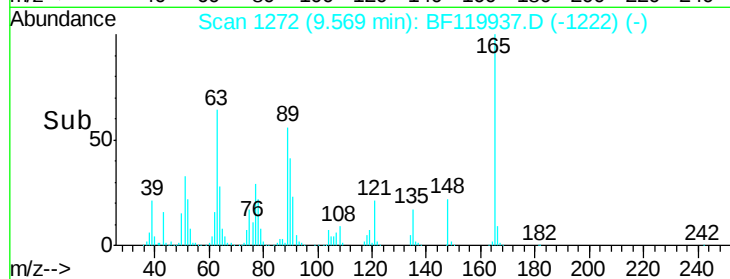
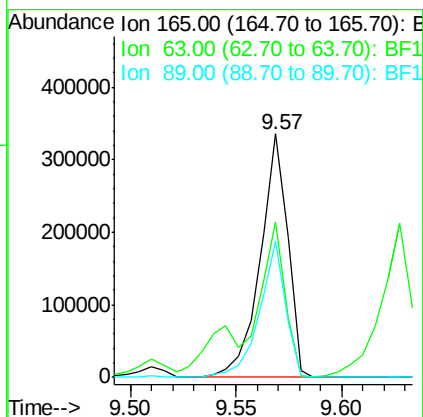
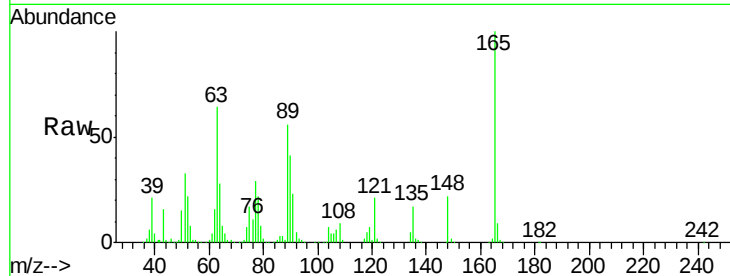




#51
 2,6-Dinitrotoluene
 Concen: 38.388 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

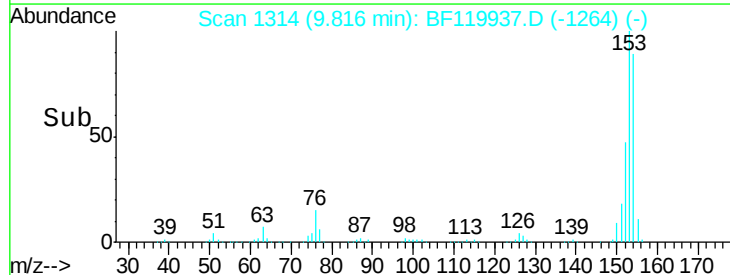
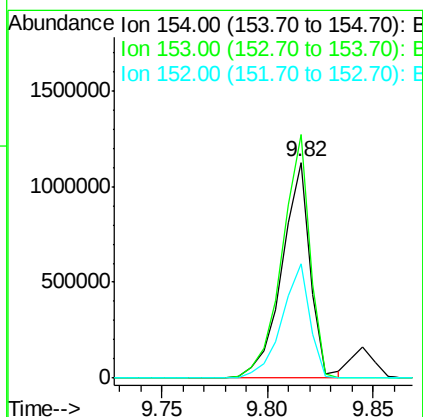
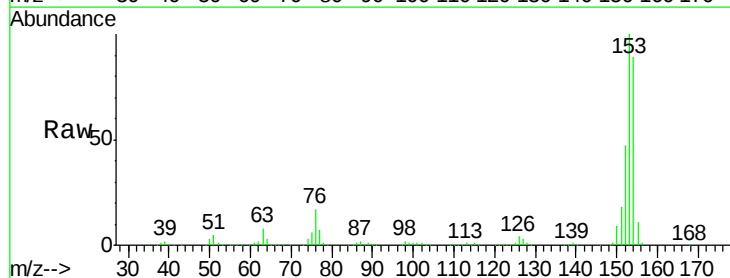
Instrument :
 BNA_F
 ClientSampleId :

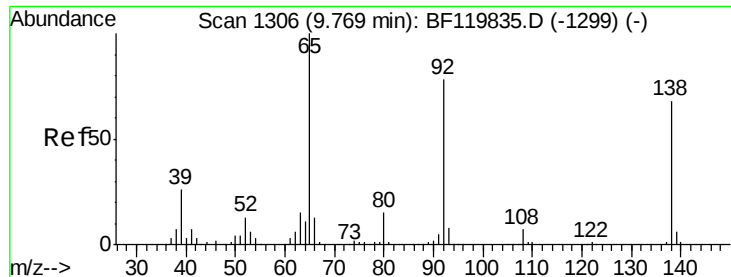
Tot Ion:165 Resp: 303672
 Ion Ratio Lower Upper
 165 100
 63 63.5 55.6 83.4
 89 56.0 47.9 71.9



#52
 Acenaphthene
 Concen: 34.402 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:154 Resp: 1059834
 Ion Ratio Lower Upper
 154 100
 153 112.7 88.8 133.2
 152 52.9 42.4 63.6

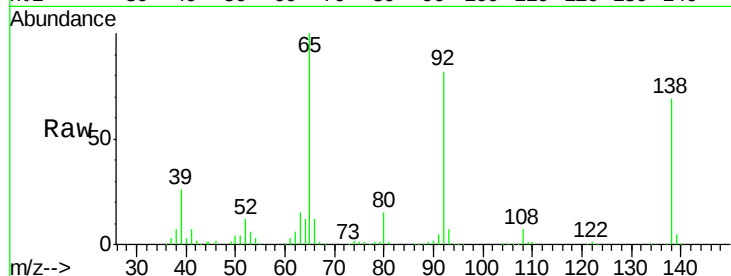




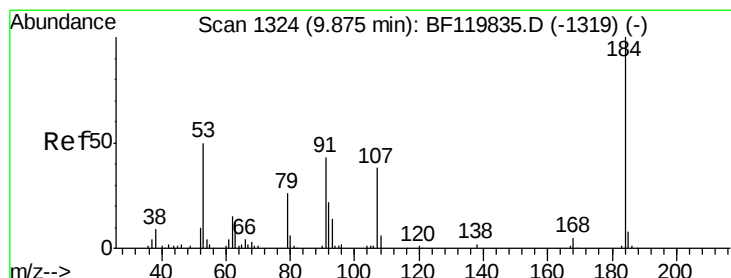
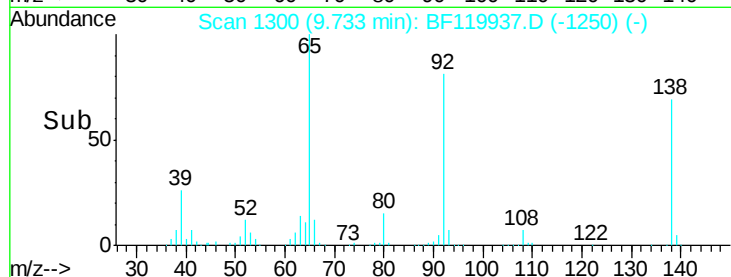
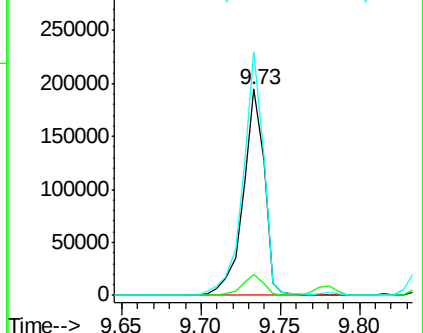
#53
3-Nitroaniline
Concen: 19.728 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 178237
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 118.2 92.1 138.1

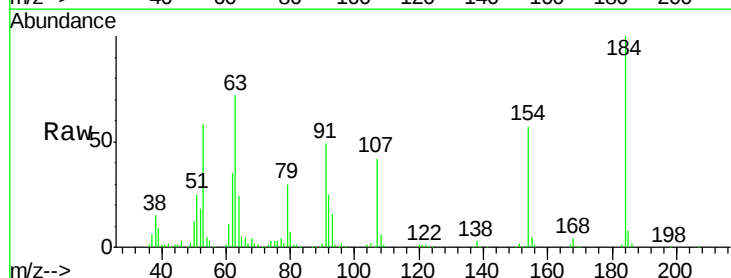


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

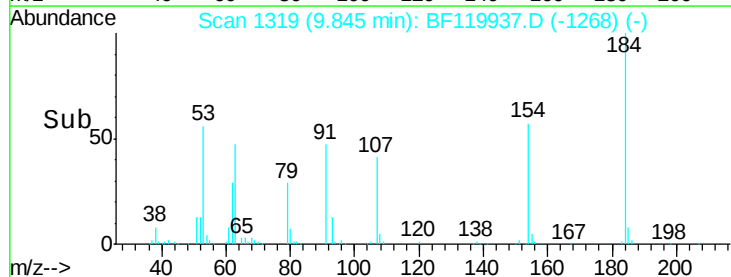
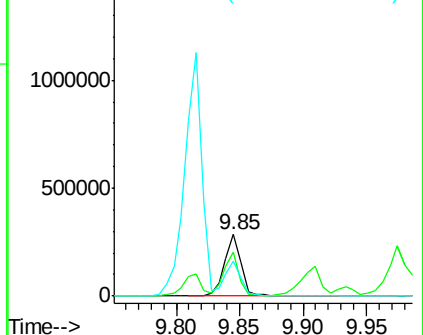


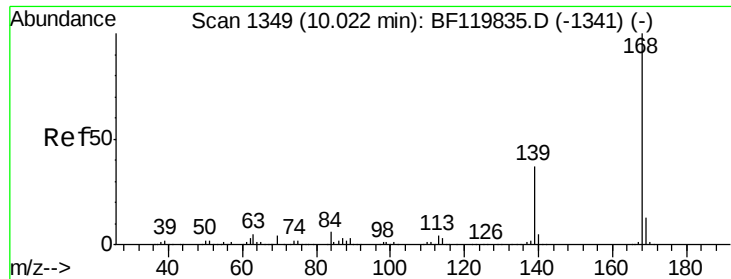
#54
2,4-Dinitrophenol
Concen: 55.671 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:184 Resp: 263665
Ion Ratio Lower Upper
184 100
63 72.1 49.8 74.6
154 57.1 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

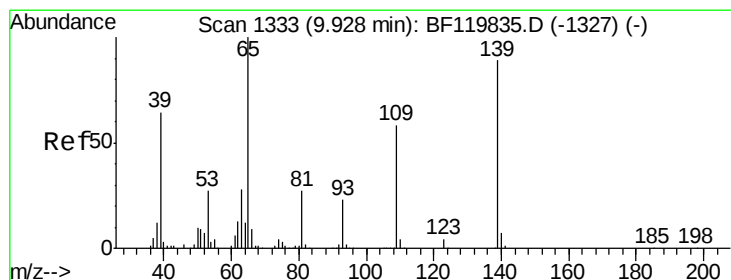
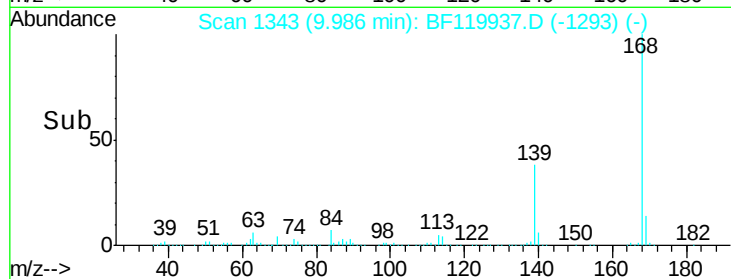
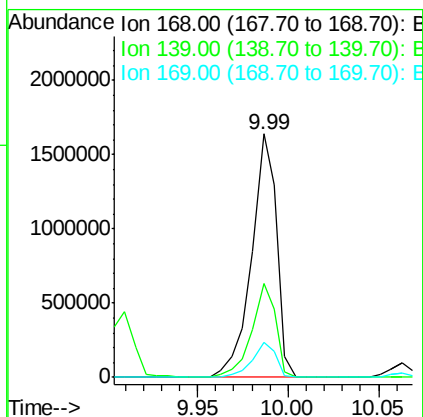
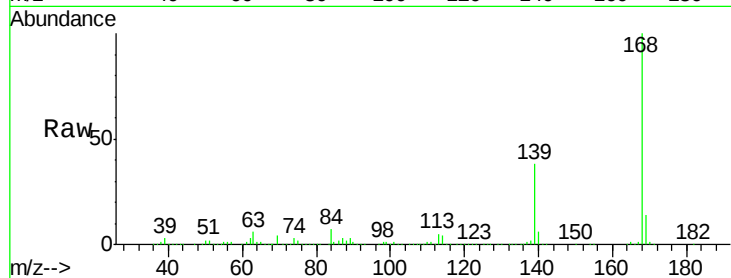




#55
Dibenzofuran
Concen: 37.135 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

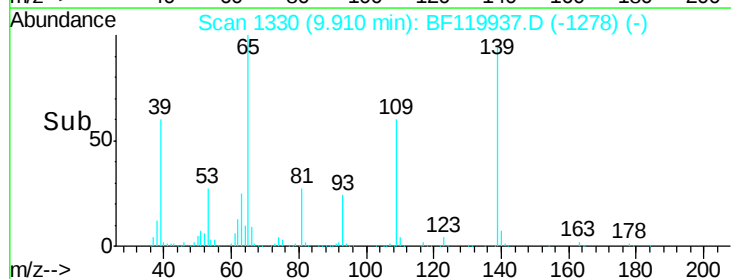
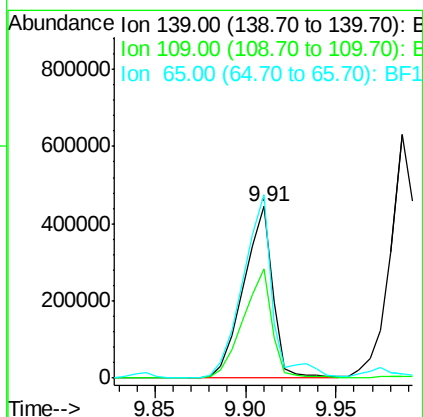
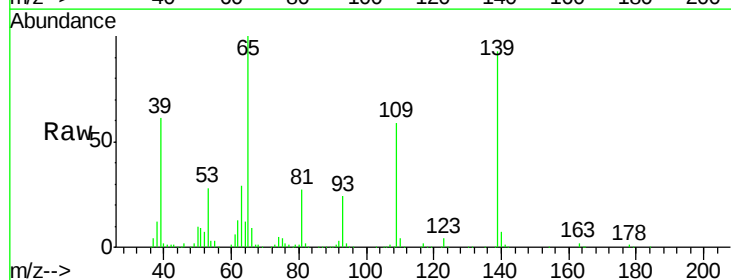
Instrument :
BNA_F
ClientSampleId :

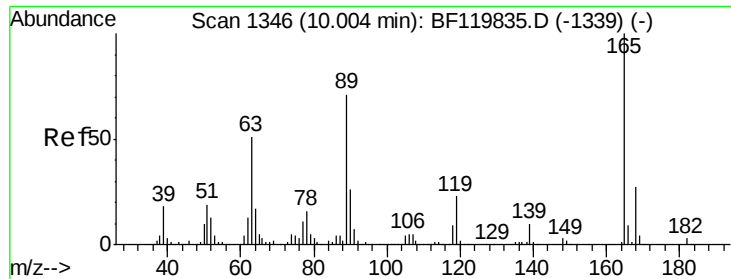
Tot Ion:168 Resp: 1569875
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 14.1 10.6 15.8



#56
4-Nitrophenol
Concen: 74.427 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:139 Resp: 500320
Ion Ratio Lower Upper
139 100
109 63.6 45.5 85.5
65 107.2 92.3 132.3

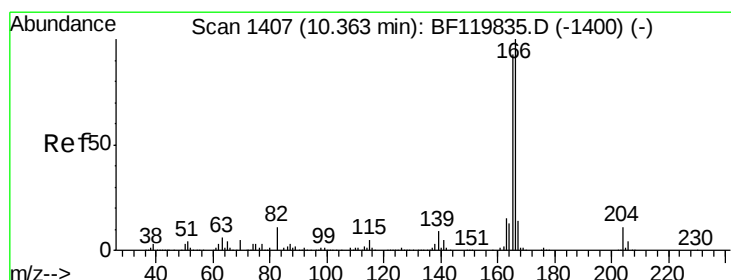
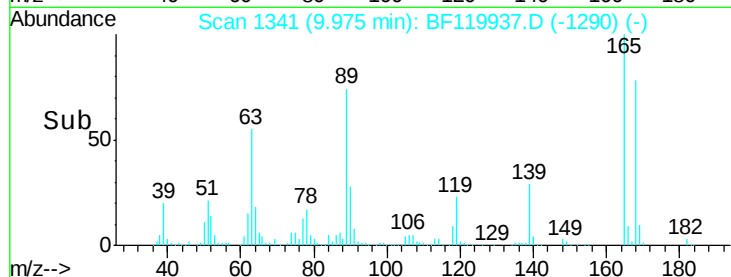
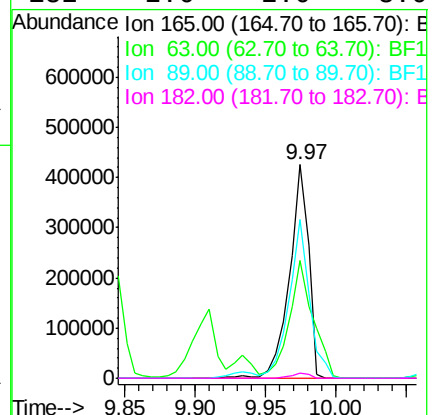
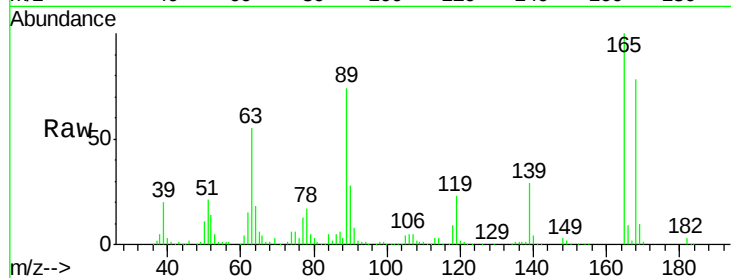




#57
2,4-Dinitrotoluene
Concen: 38.565 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

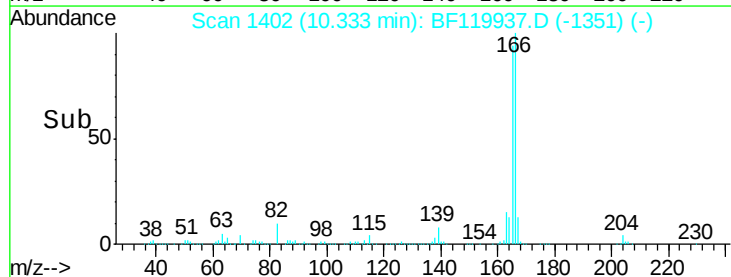
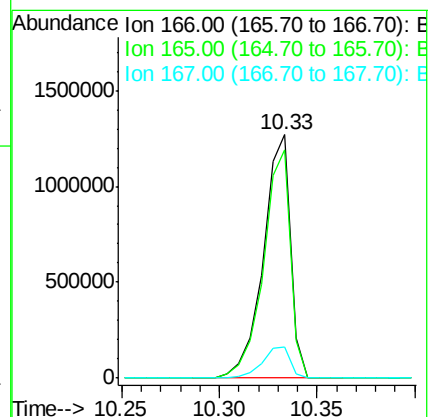
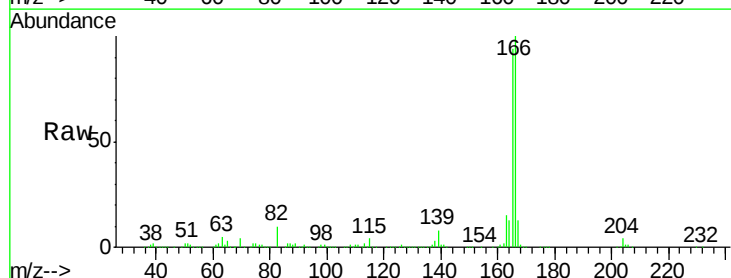
Instrument :
BNA_F
ClientSampleId :

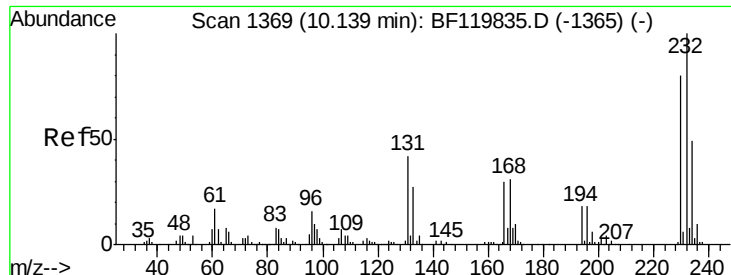
Tot Ion:165 Resp: 401942
Ion Ratio Lower Upper
165 100
63 55.3 40.8 61.2
89 74.3 56.9 85.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 36.198 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:166 Resp: 1223846
Ion Ratio Lower Upper
166 100
165 93.9 74.2 111.2
167 13.0 10.8 16.2

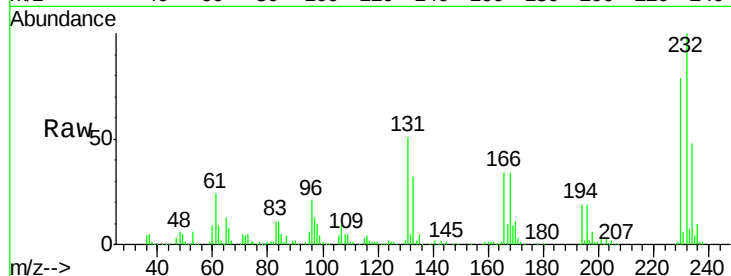




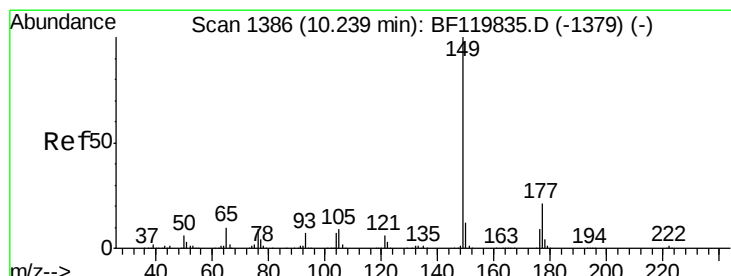
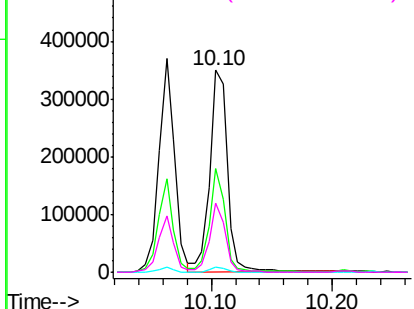
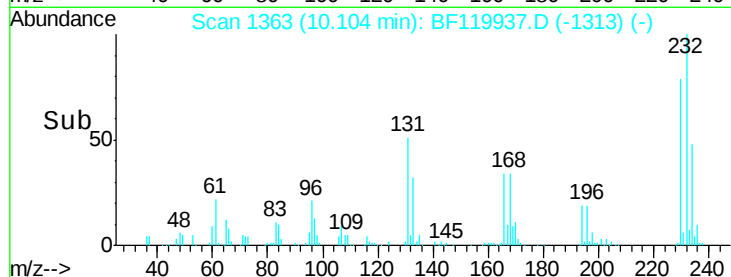
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.114 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 351984
 Ion Ratio Lower Upper
 232 100
 131 45.2 37.9 56.9
 130 2.1 1.8 2.6
 166 30.2 25.4 38.0

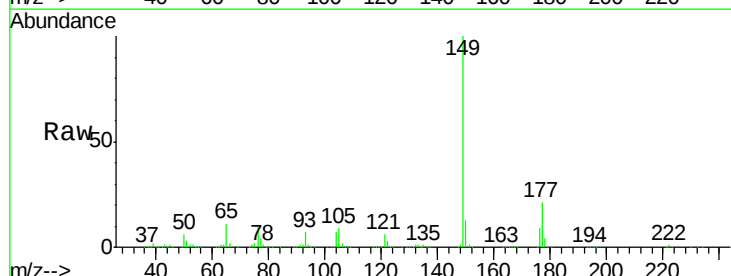


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

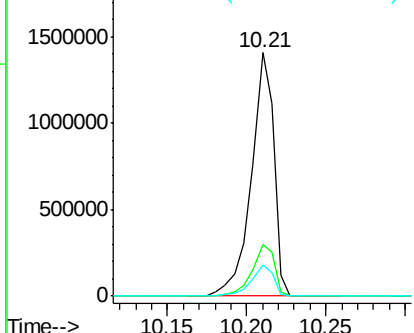
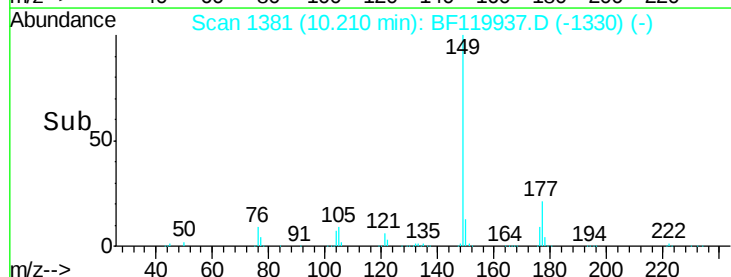


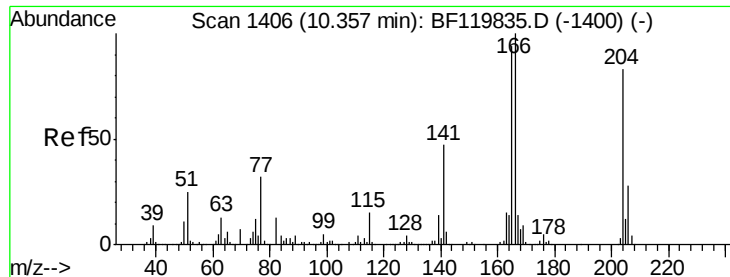
#60
 Diethylphthalate
 Concen: 36.987 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:149 Resp: 1384821
 Ion Ratio Lower Upper
 149 100
 177 21.1 16.8 25.2
 150 12.7 9.8 14.6



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

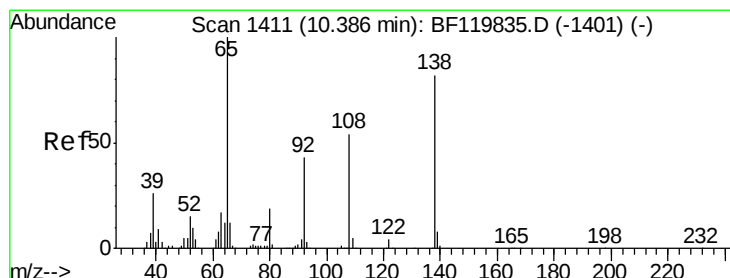
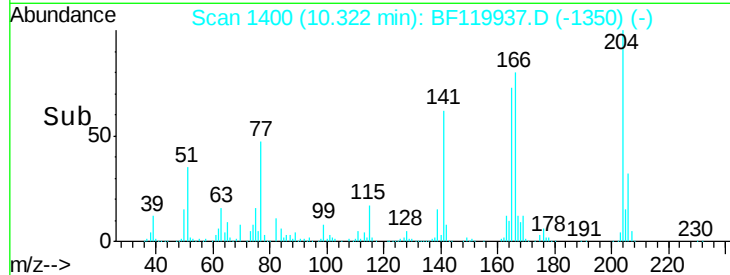
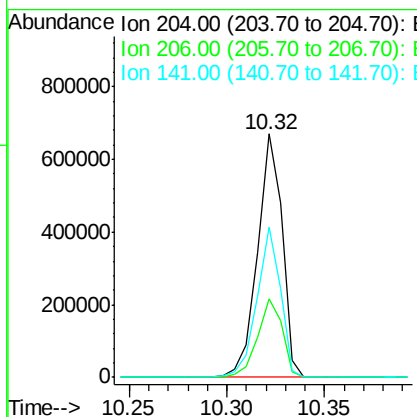
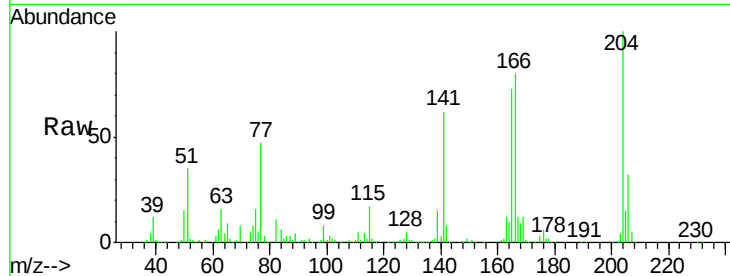




#61
 4-Chlorophenyl-phenylether
 Concen: 33.794 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

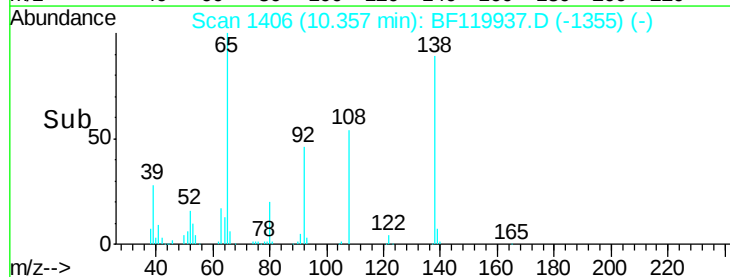
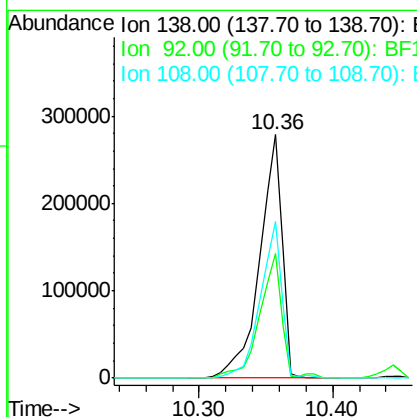
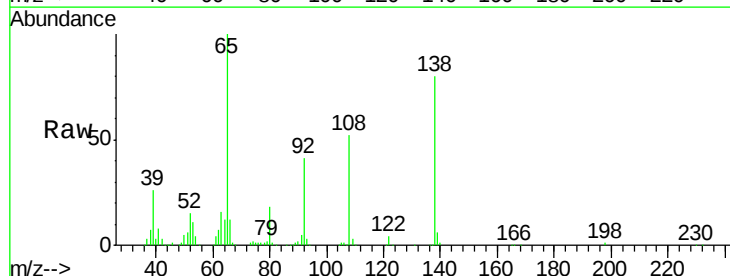
Instrument :
 BNA_F
 ClientSampled :

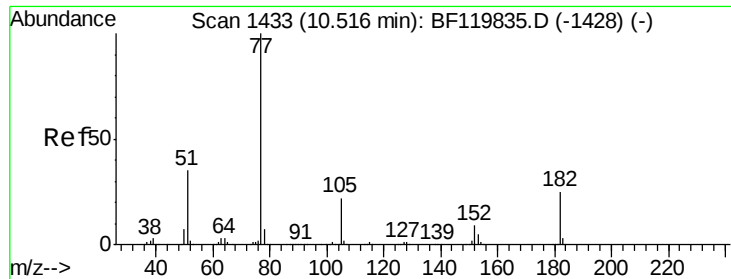
Tot Ion:	204	Resp:	585605
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.7	40.1
141	61.7	45.8	68.8



#62
 4-Nitroaniline
 Concen: 37.738 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:	138	Resp:	324935
Ion Ratio	Lower	Upper	
138	100		
92	51.4	31.6	71.6
108	64.2	45.2	85.2





#63

Azobenzene

Concen: 38.539 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1293118

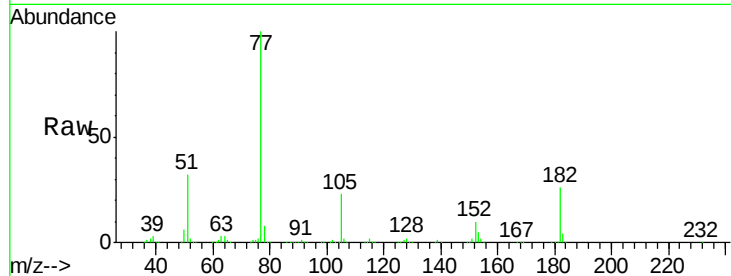
Ion Ratio Lower Upper

77 100

182 26.0 4.5 44.5

105 23.5 2.2 42.2

51 32.1 15.1 55.1

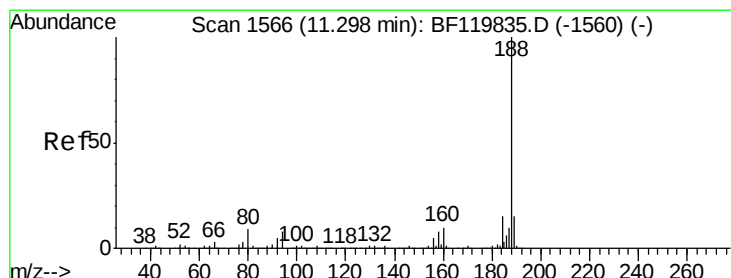
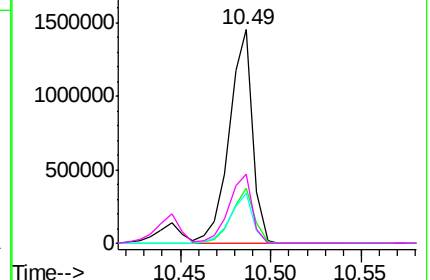
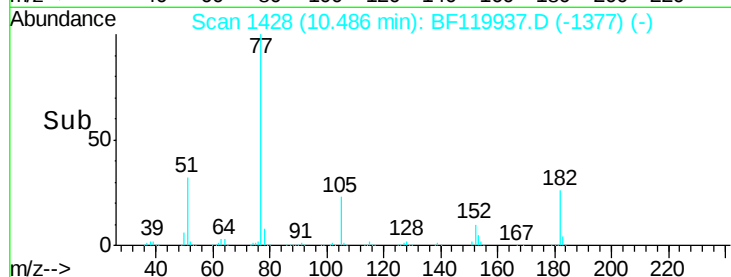


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

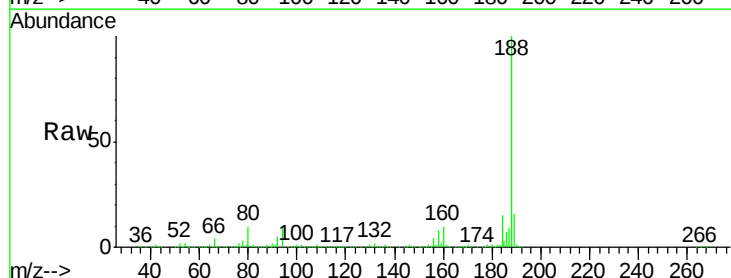
Tgt Ion: 188 Resp: 905011

Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

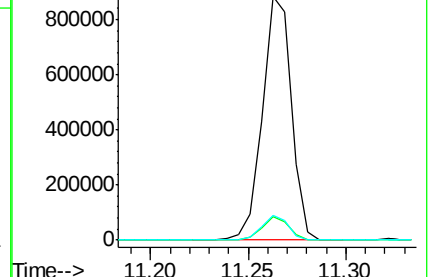
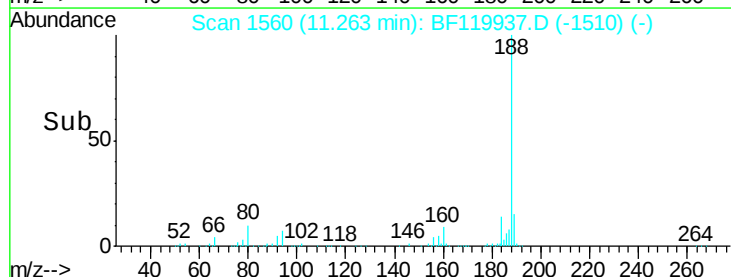
80 10.2 7.4 11.2

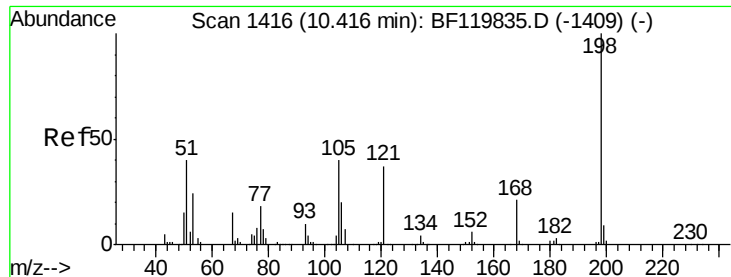


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

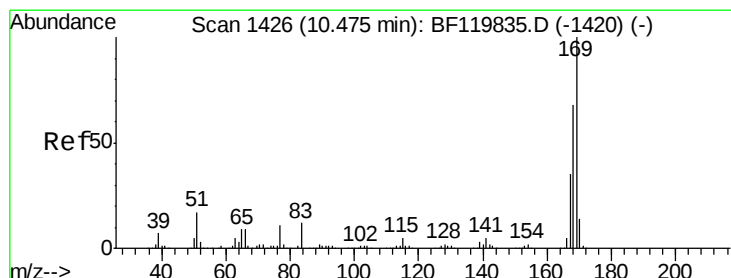
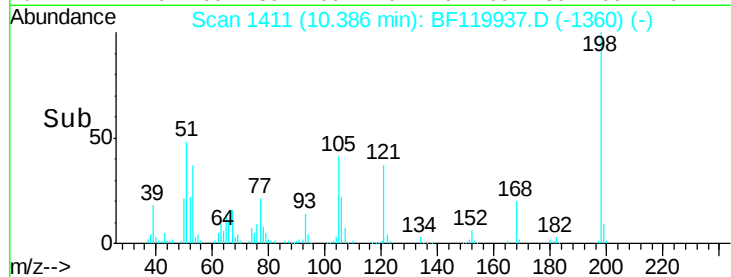
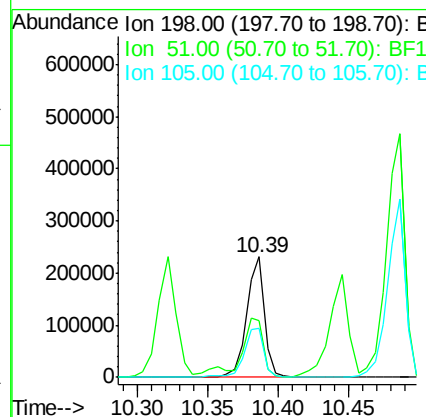
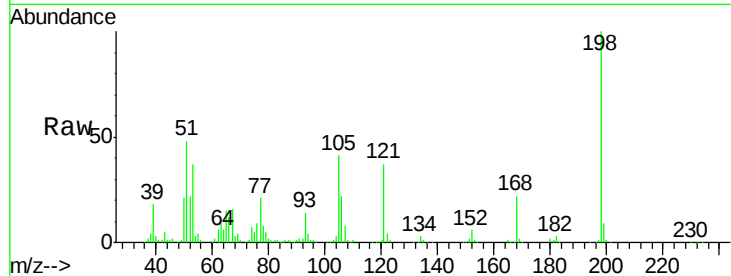




#65
4,6-Dinitro-2-methylphenol
Concen: 34.183 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

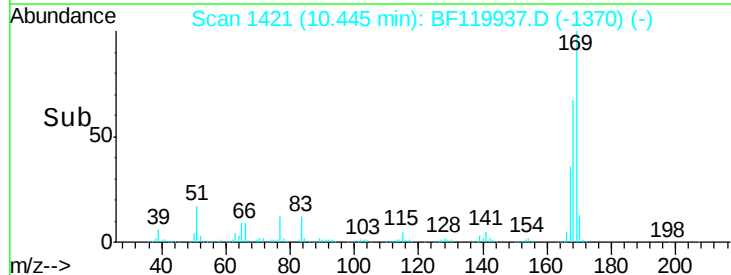
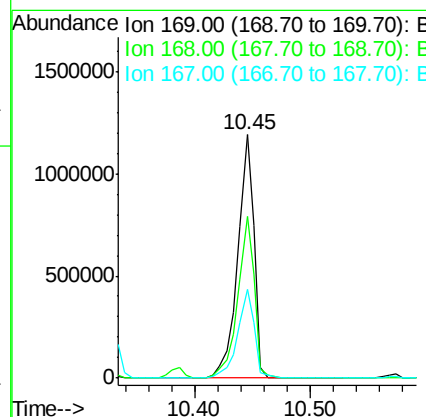
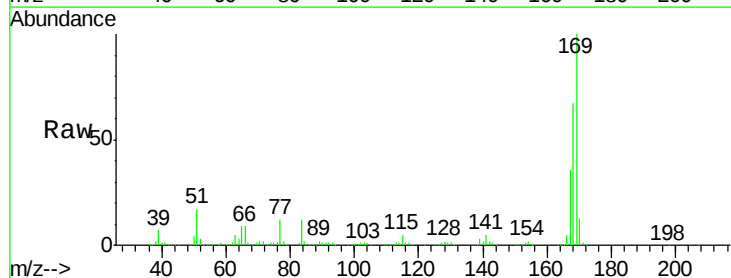
Instrument :
BNA_F
ClientSampled :

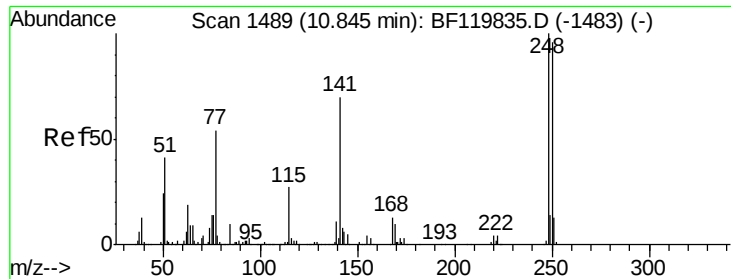
Tot Ion:198 Resp: 203807
Ion Ratio Lower Upper
198 100
51 47.6 25.2 65.2
105 41.2 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 38.422 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:169 Resp: 1156431
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 36.5 28.3 42.5

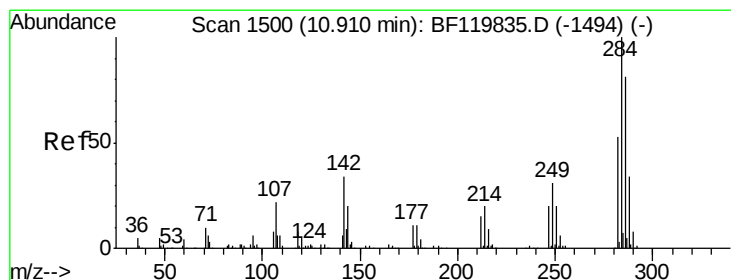
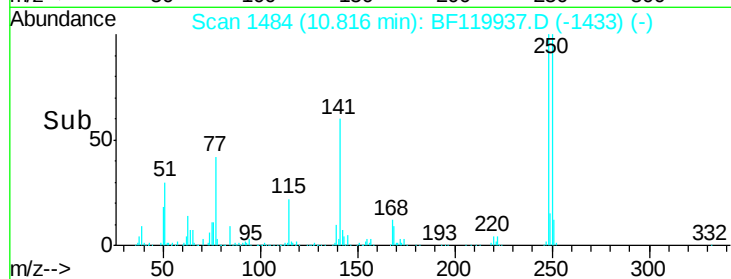
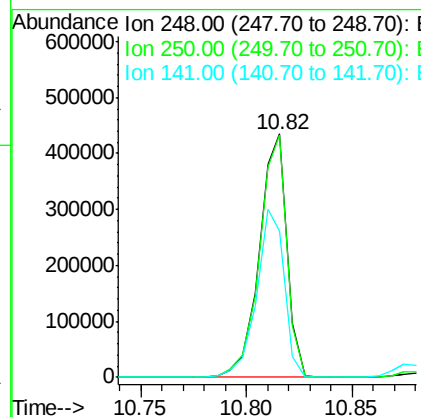
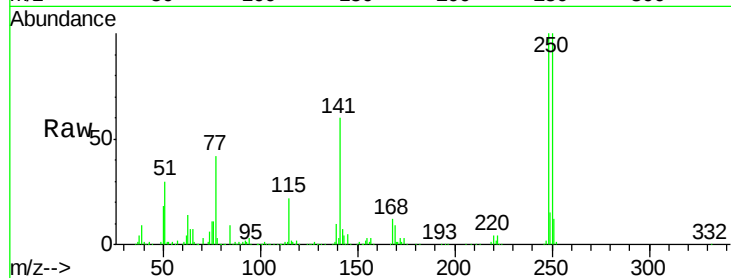




#67
 4-Bromophenyl-phenylether
 Concen: 35.131 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

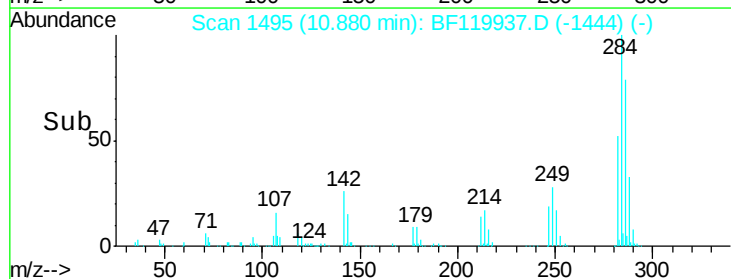
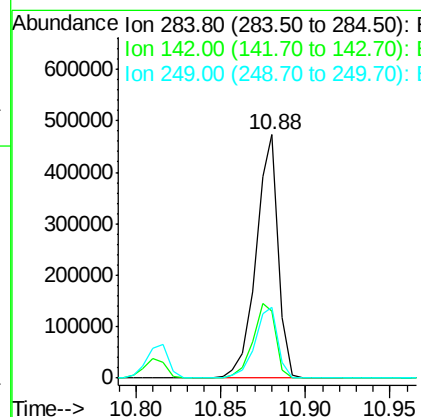
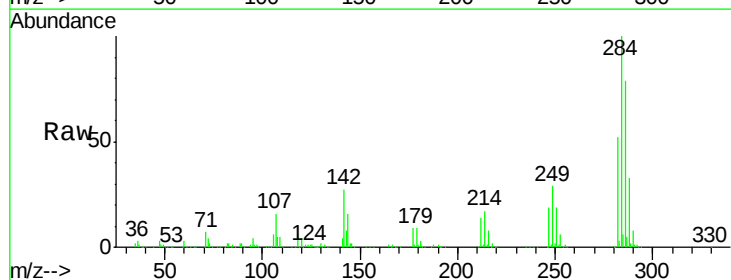
Instrument :
 BNA_F
 ClientSampled :

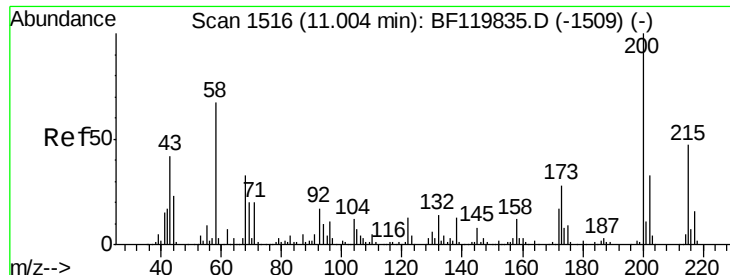
Tot Ion:248	Resp:	395390
Ion Ratio	Lower	Upper
248	100	
250	99.6	76.6 114.8
141	60.2	55.9 83.9



#68
 Hexachlorobenzene
 Concen: 37.794 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:284	Resp:	431516
Ion Ratio	Lower	Upper
284	100	
142	27.3	26.9 40.3
249	29.0	24.6 37.0

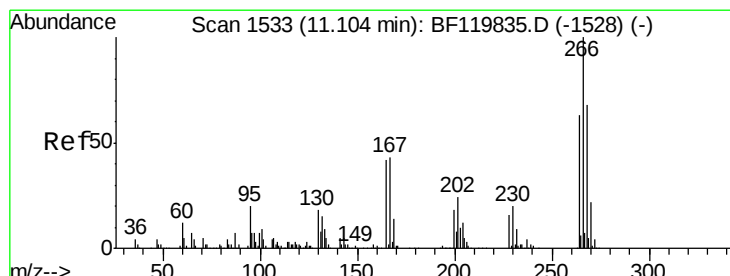
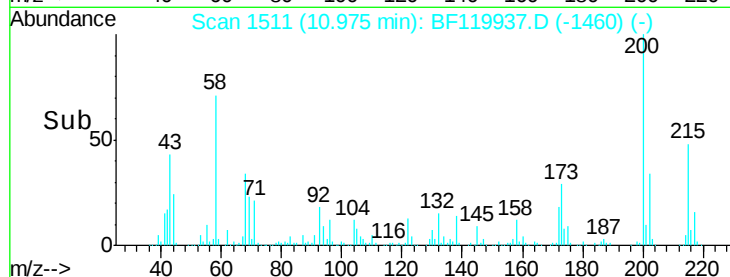
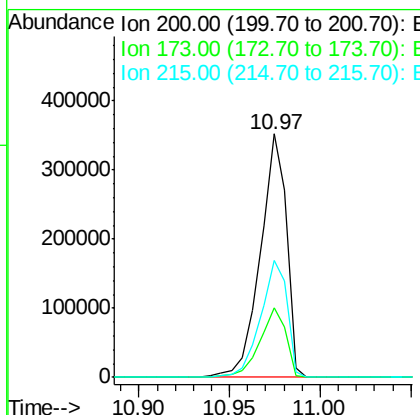
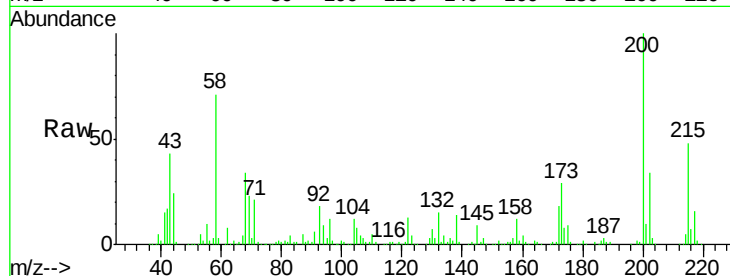




#69
 Atrazine
 Concen: 42.229 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

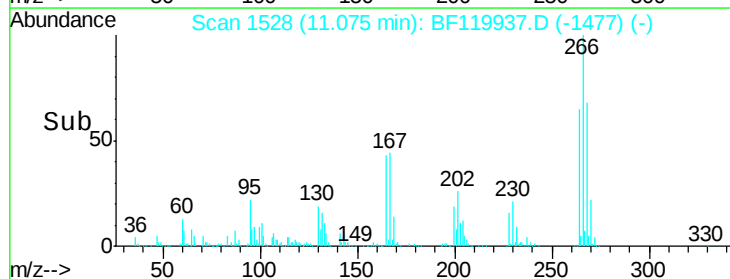
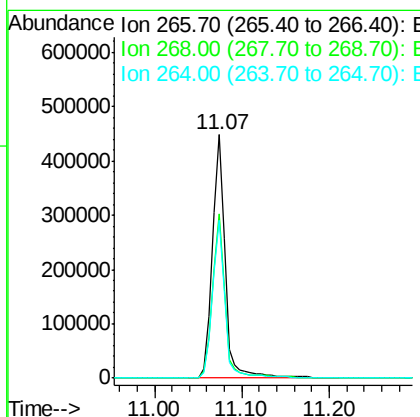
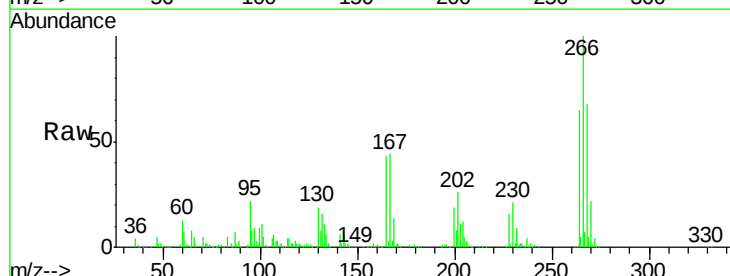
Instrument :
 BNA_F
 ClientSampleId :

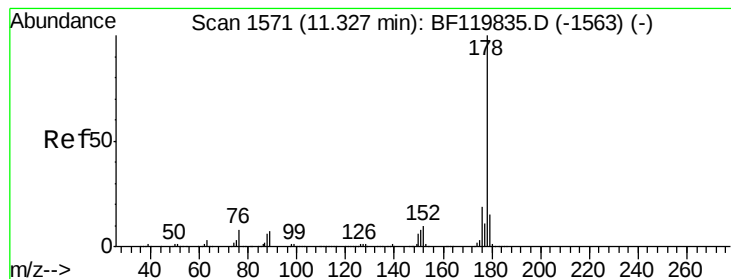
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.0	48.0
215	48.1	27.1	67.1



#70
 Pentachlorophenol
 Concen: 70.578 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	54.2	81.4
264	64.8	50.6	76.0





#71

Phenanthrene

Concen: 37.941 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

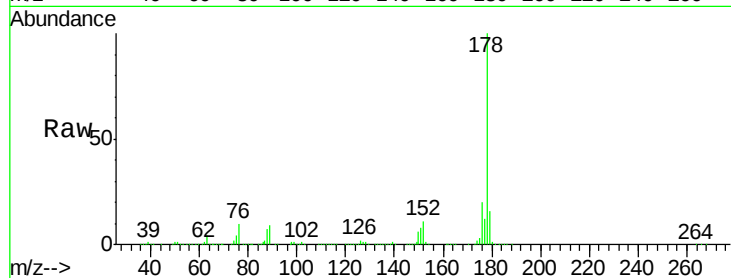
Tot Ion:178 Resp: 1827432

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

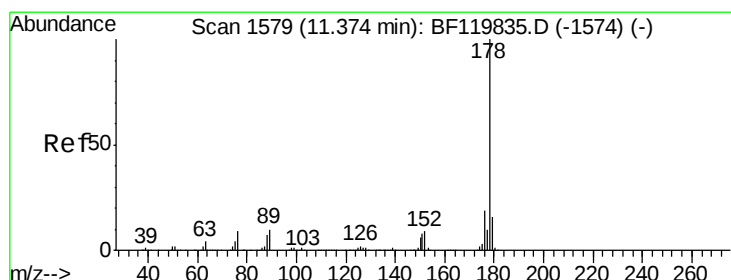
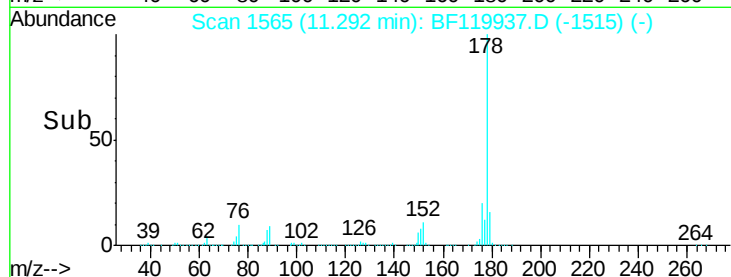
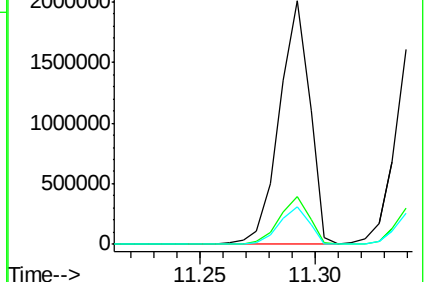
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.284 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

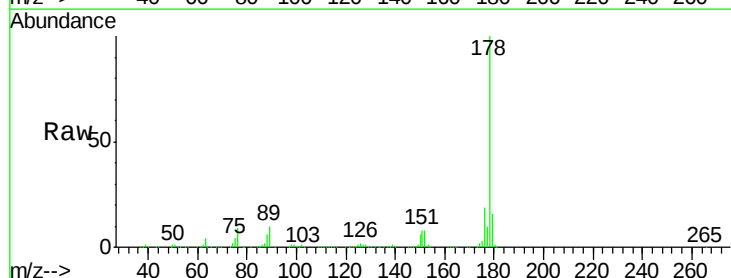
Tgt Ion:178 Resp: 1883740

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

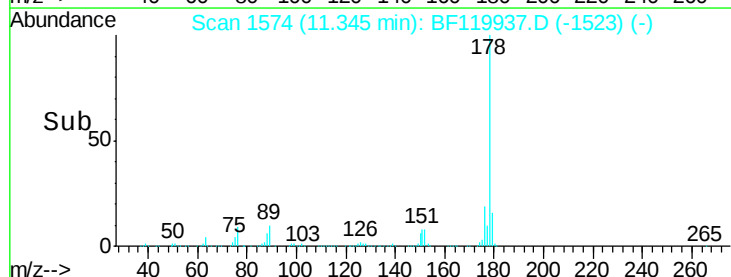
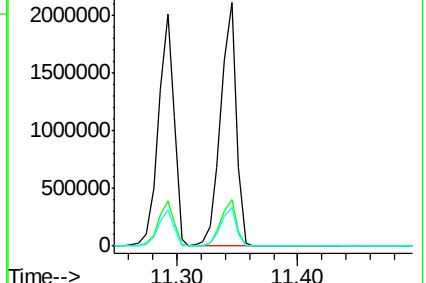
179 15.9 12.8 19.2

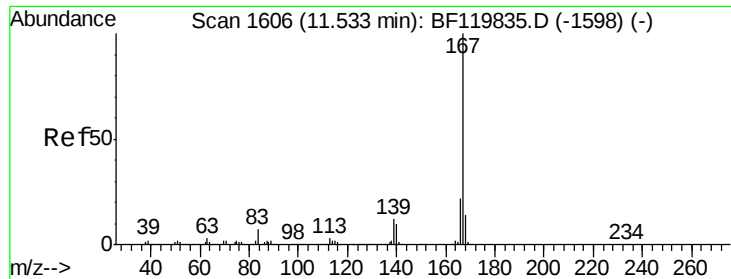


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

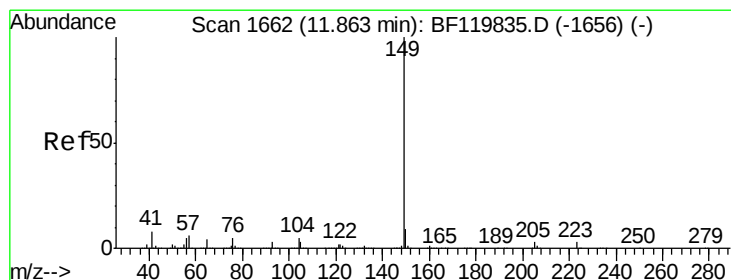
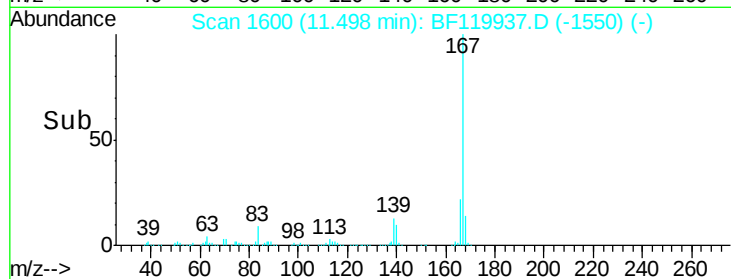
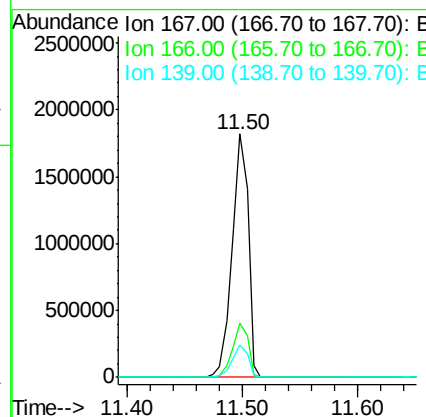
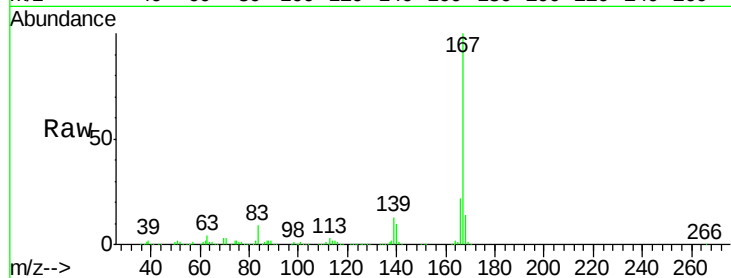




#73
 Carbazole
 Concen: 37.621 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

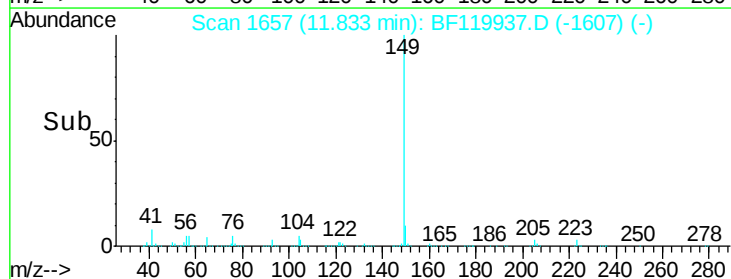
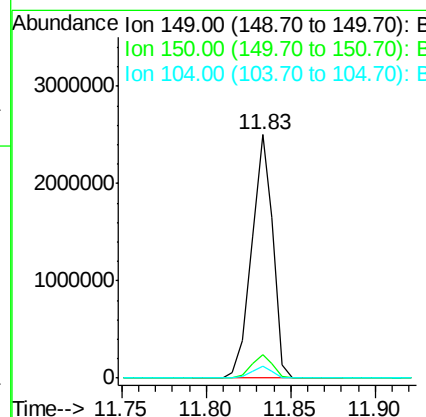
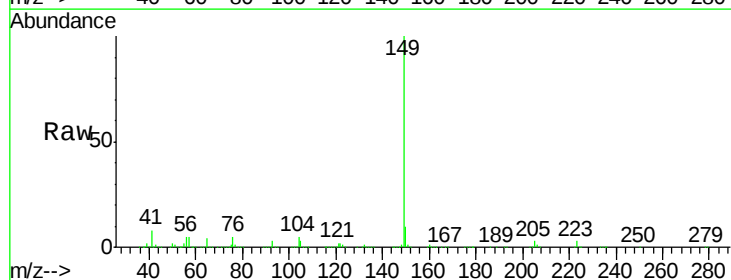
Instrument :
 BNA_F
 ClientSampled :

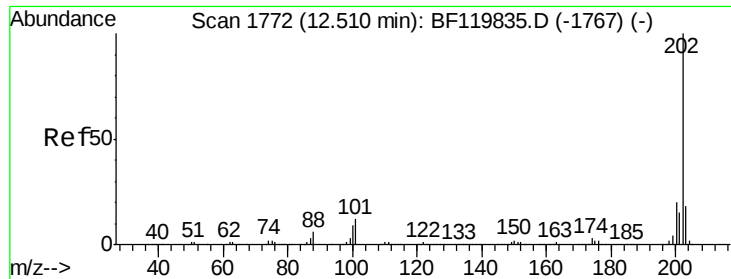
Tot Ion:167 Resp: 1750556
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.4 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 35.853 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

Tgt Ion:149 Resp: 2193127
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.8 3.8 5.6

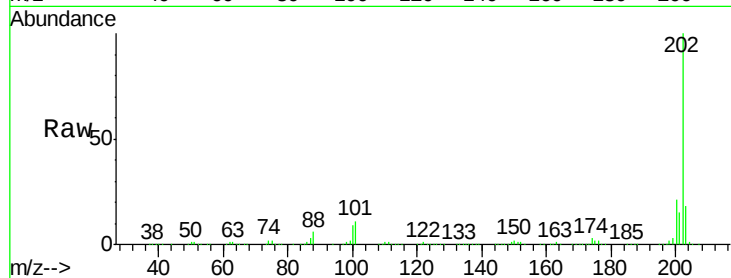




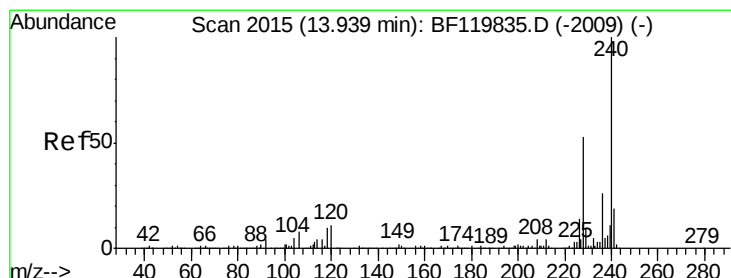
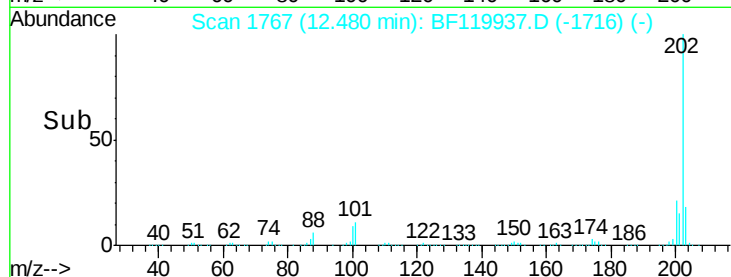
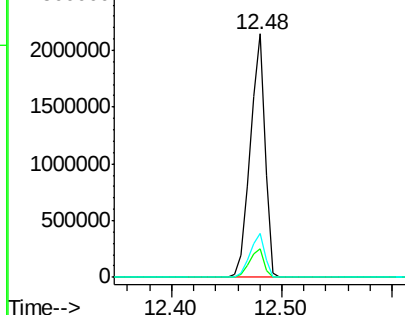
#75
Fluoranthene
Concen: 38.770 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 2014898
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 18.1 0.0 37.6

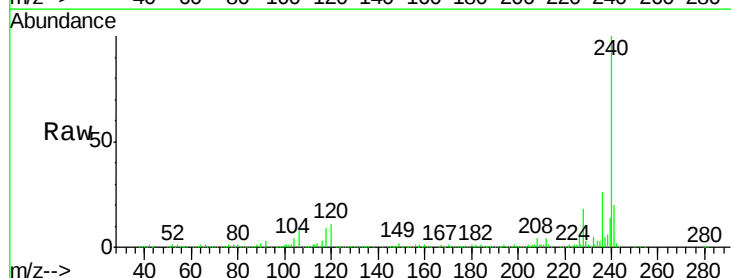


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

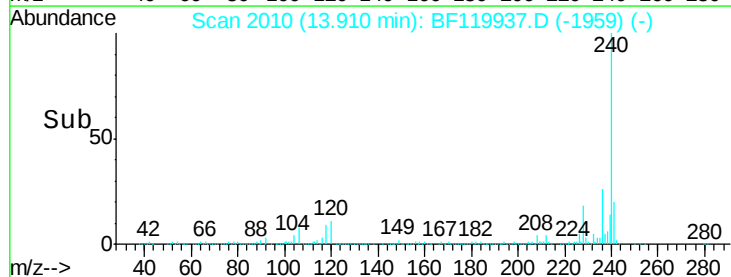
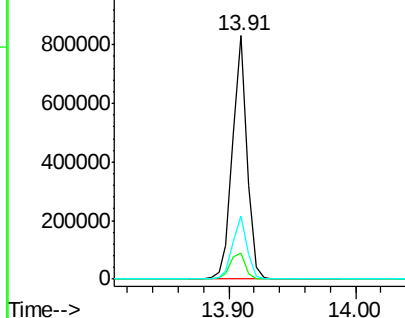


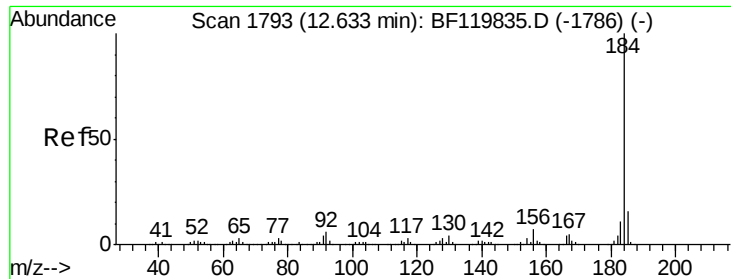
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:240 Resp: 649681
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 26.1 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: 32.631 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

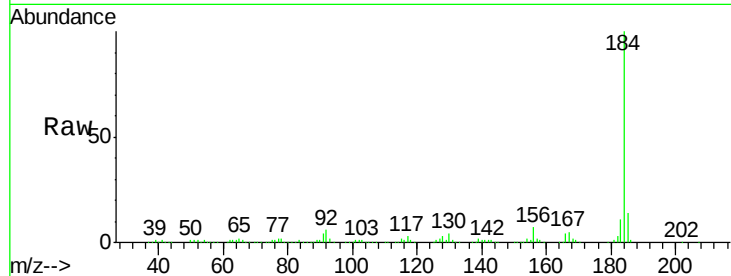
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 716607

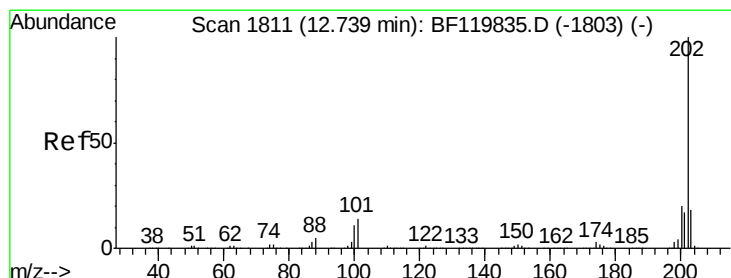
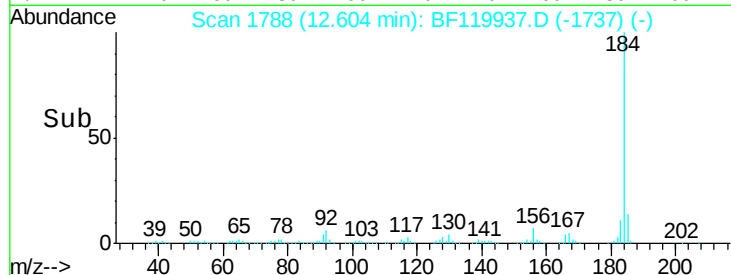
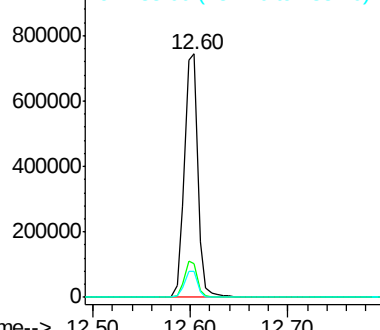
Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.2	19.8
183	10.9	9.1	13.7



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: 37.039 ng

RT: 12.71 min Scan# 1806

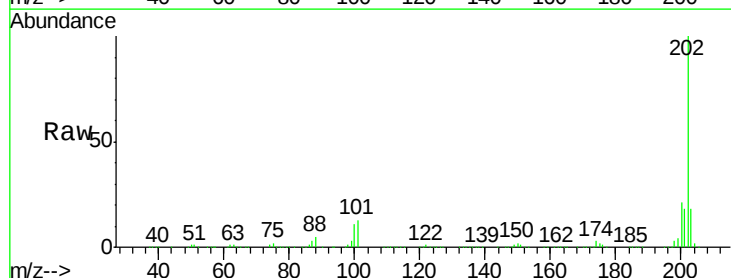
Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:202 Resp: 2028588

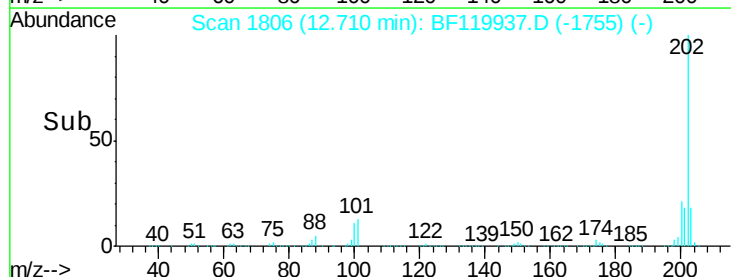
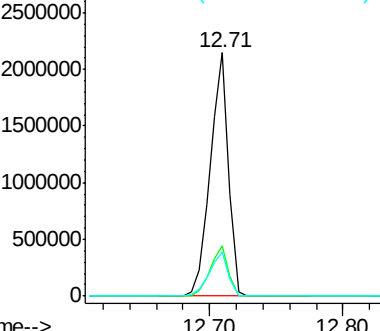
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	18.2	14.1	21.1

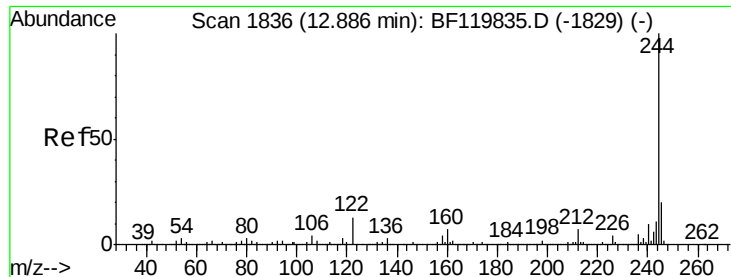


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.111 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

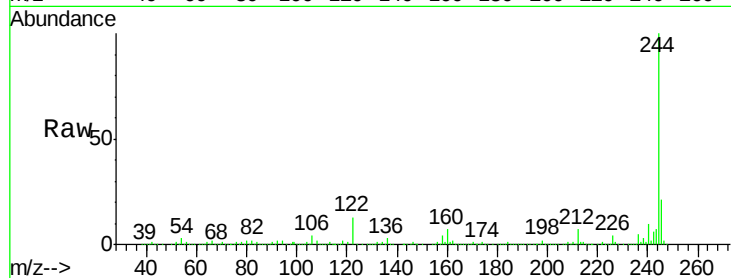
Tot Ion:244 Resp: 2784231

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

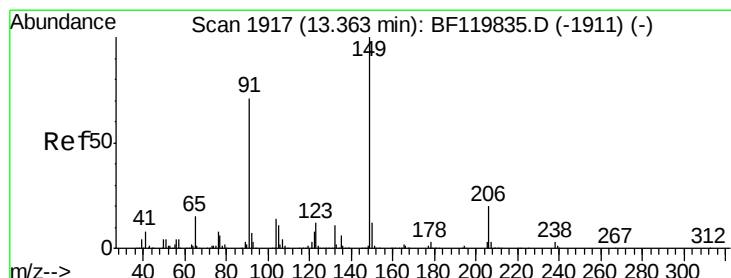
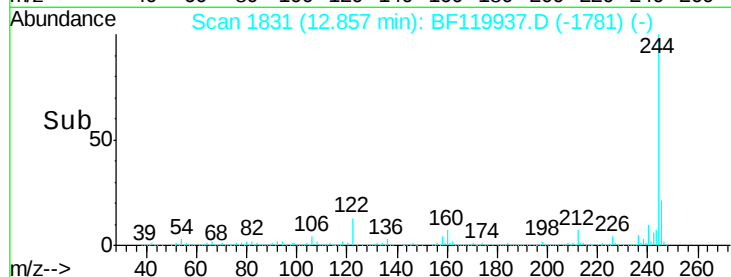
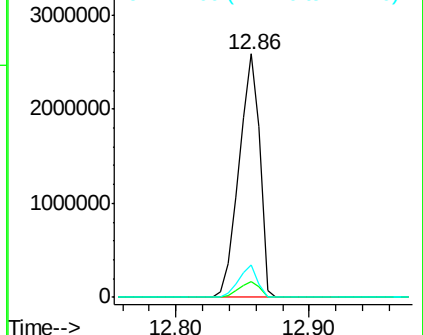
122 13.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.356 ng

RT: 13.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

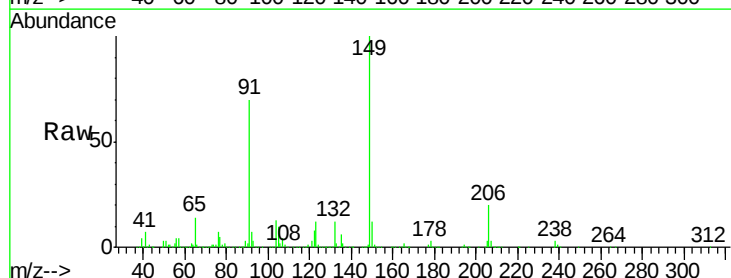
Tgt Ion:149 Resp: 939625

Ion Ratio Lower Upper

149 100

91 69.8 56.7 85.1

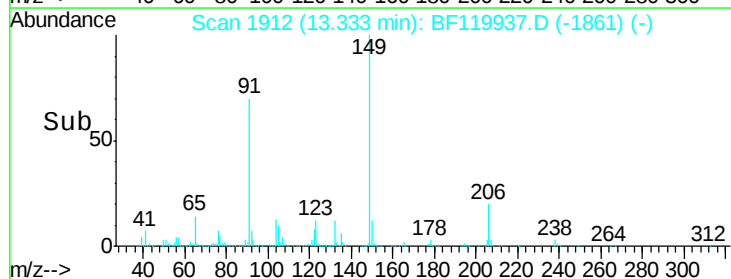
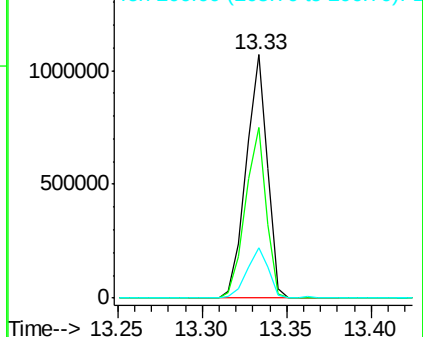
206 20.4 15.7 23.5



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: 37.378 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

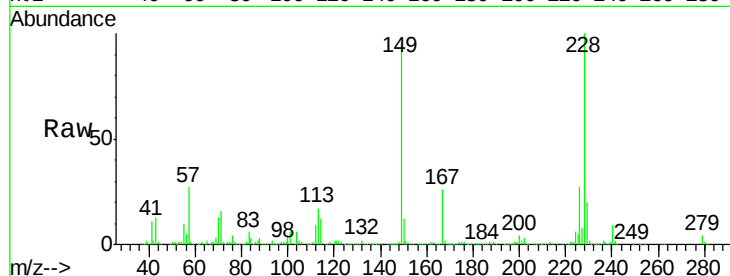
Tot Ion:228 Resp: 1597526

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

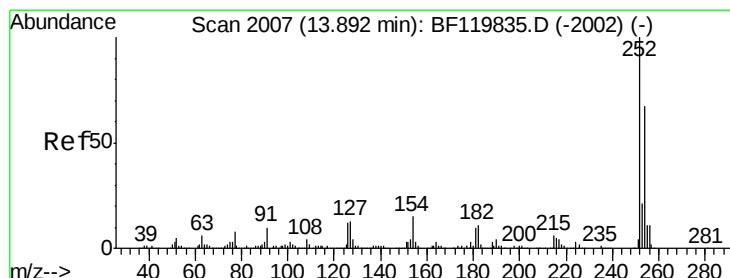
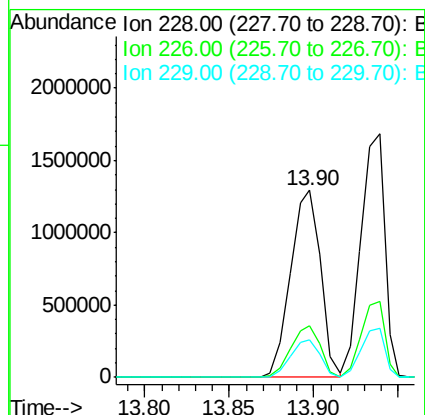
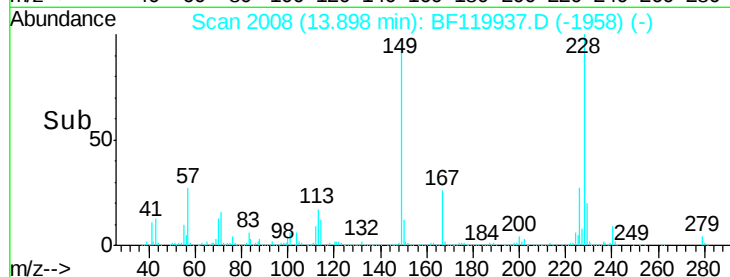
229 19.8 15.9 23.9



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: 21.872 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

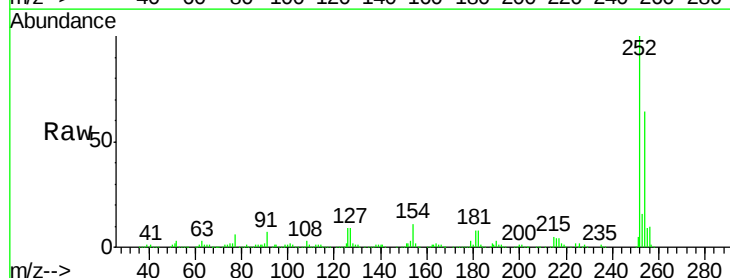
Tgt Ion:252 Resp: 348806

Ion Ratio Lower Upper

252 100

254 64.2 53.9 80.9

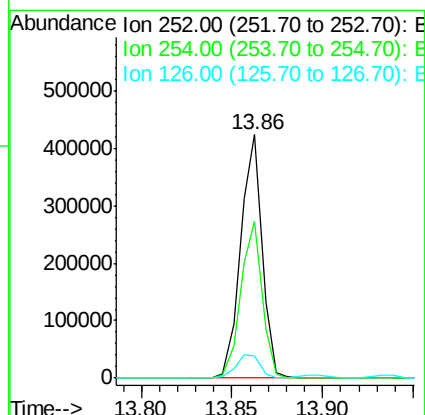
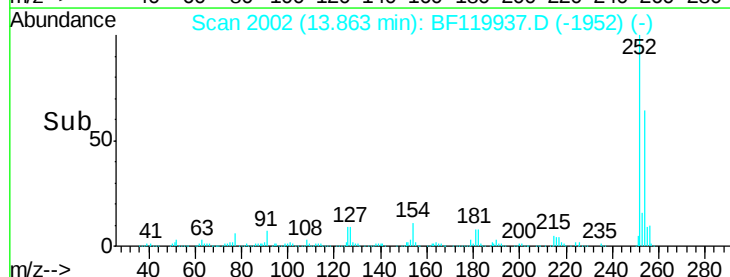
126 9.2 9.7 14.5#

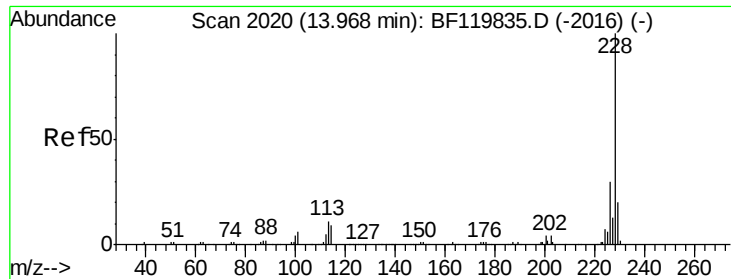


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.196 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

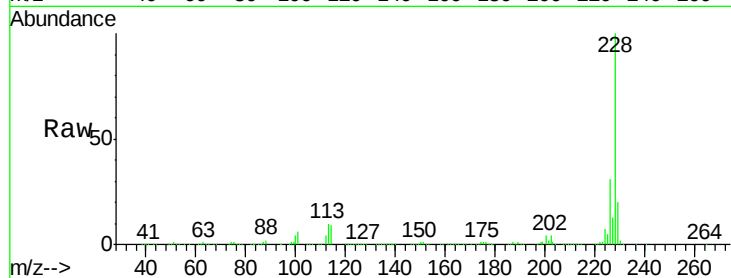
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1658756

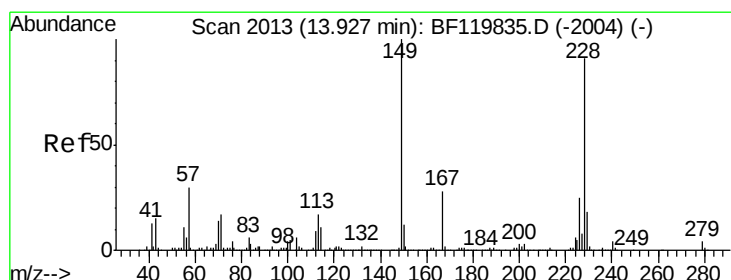
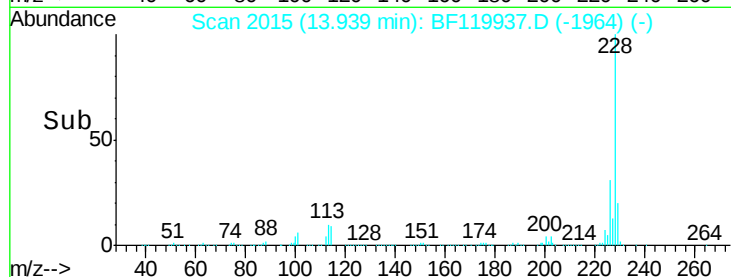
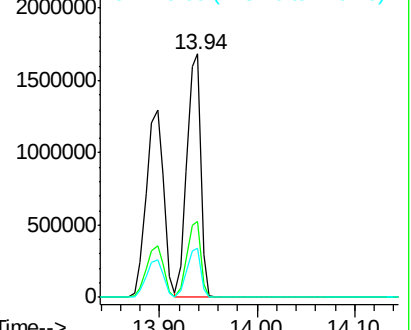
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	20.2	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.637 ng

RT: 13.90 min Scan# 2008

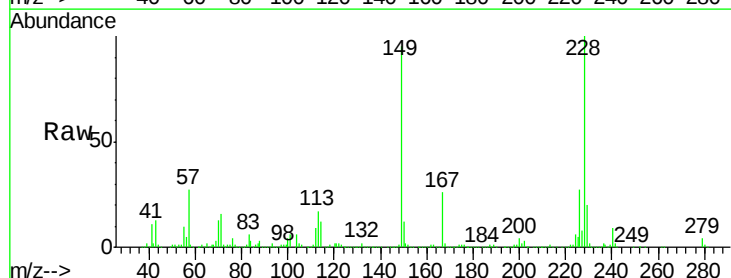
Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Tgt Ion:149 Resp: 1210583

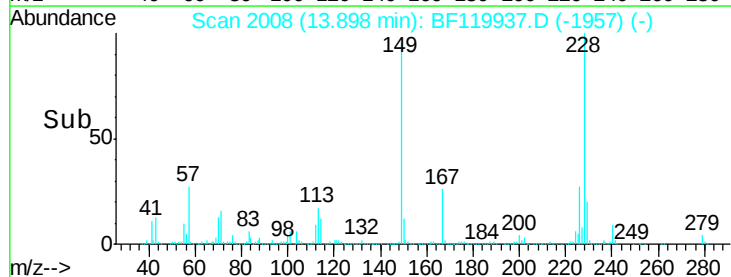
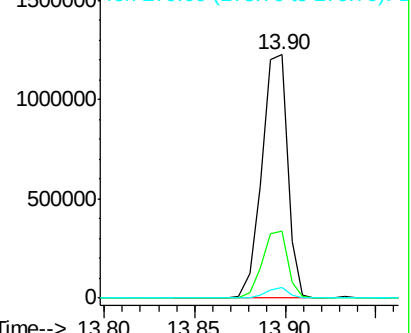
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.4	3.4	5.0

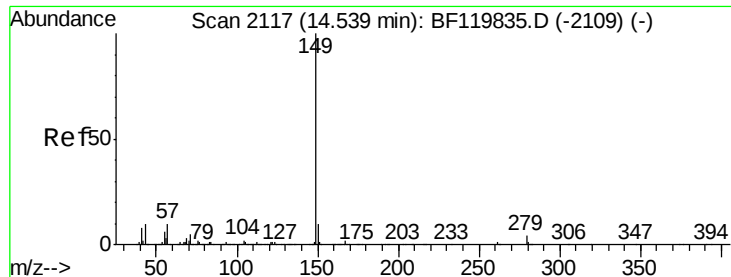


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.299 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

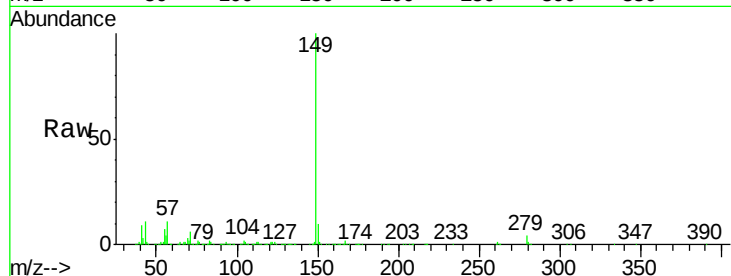
Tot Ion:149 Resp: 2224343

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

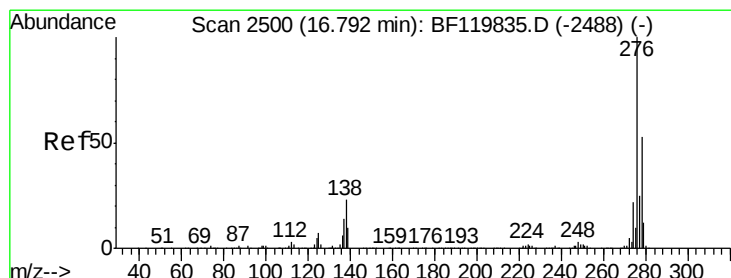
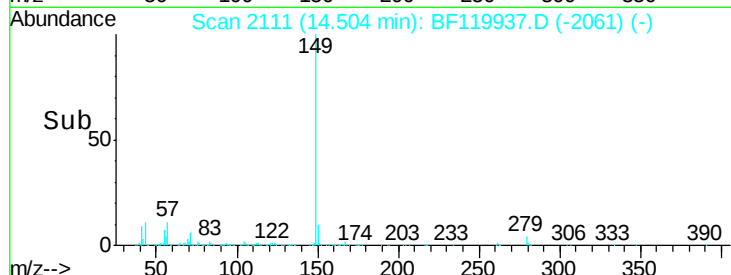
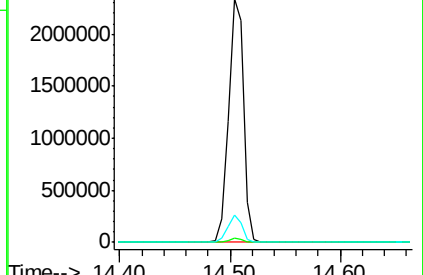
43 10.5 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.992 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

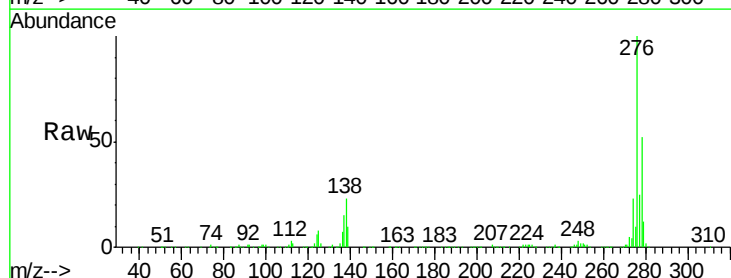
Tgt Ion:276 Resp: 1492649

Ion Ratio Lower Upper

276 100

138 24.1 18.0 27.0

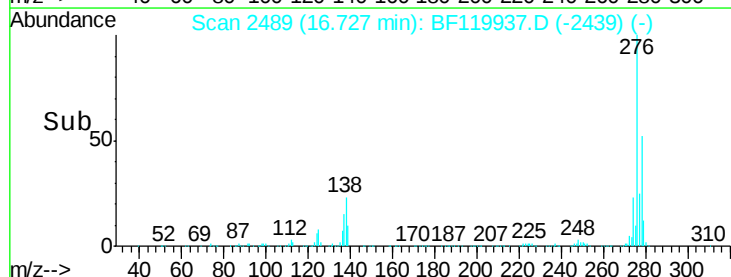
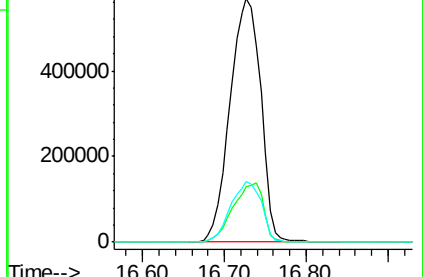
277 24.9 20.1 30.1

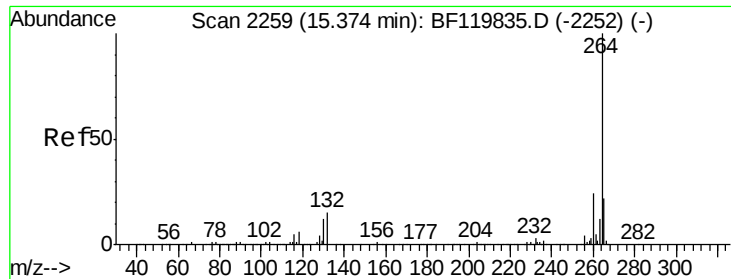


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

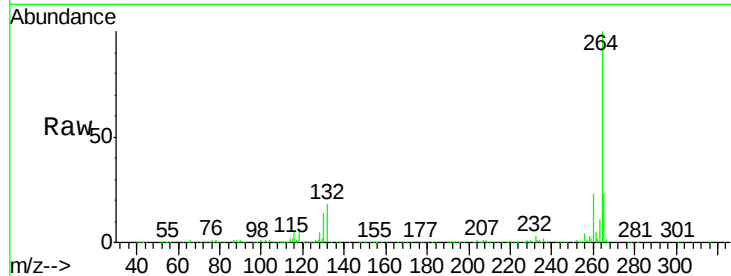
Tot Ion:264 Resp: 623194

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

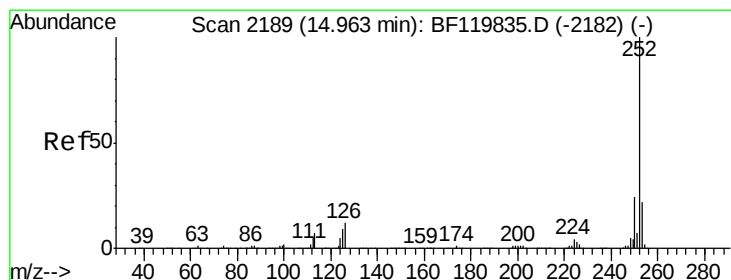
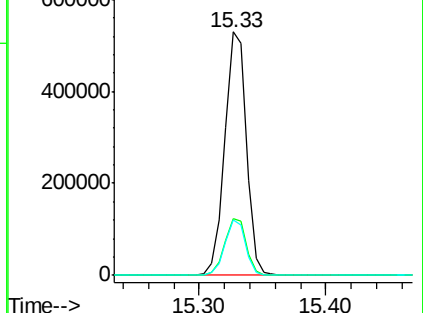
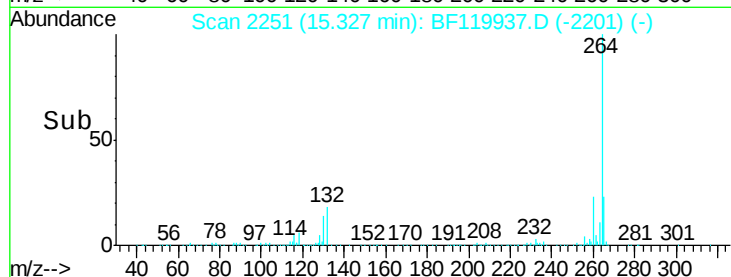
265 22.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.992 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

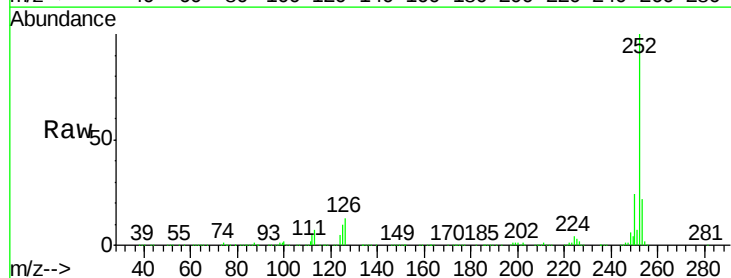
Tgt Ion:252 Resp: 1703226

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

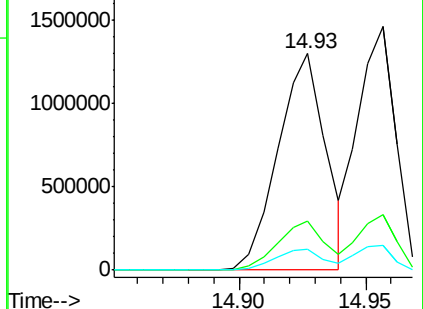
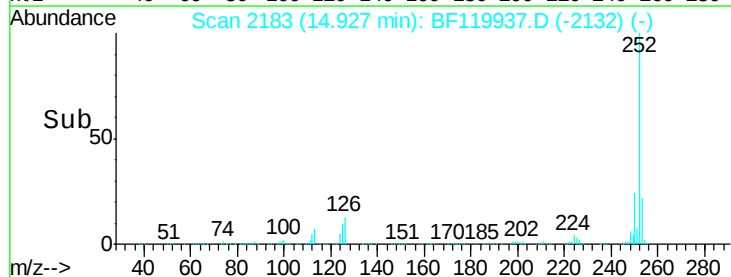
125 9.8 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

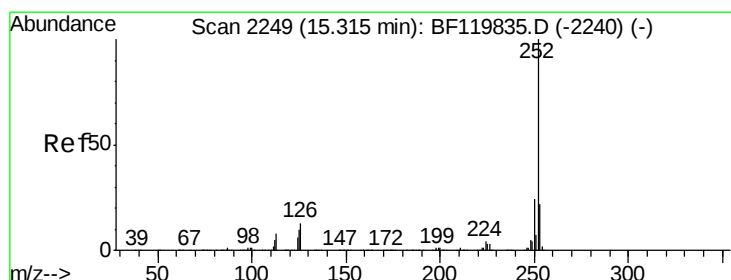
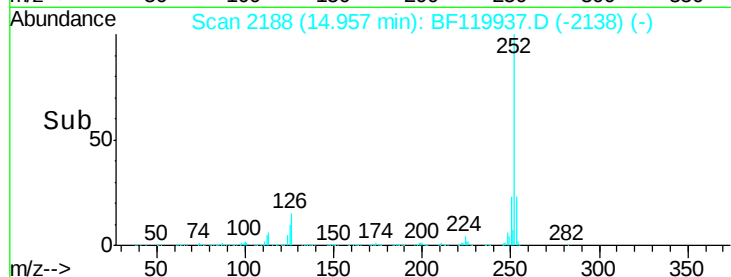
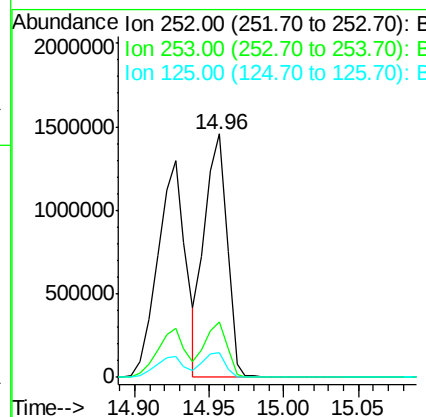
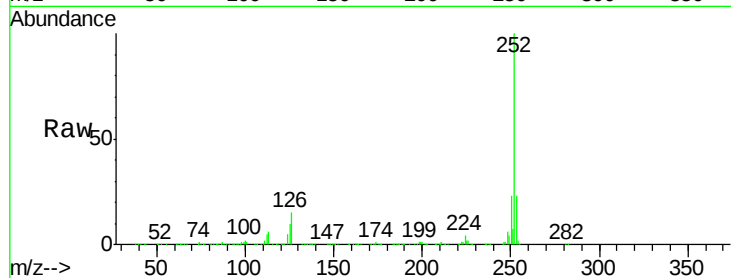




#89
Benzo(k)fluoranthene
Concen: 39.130 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

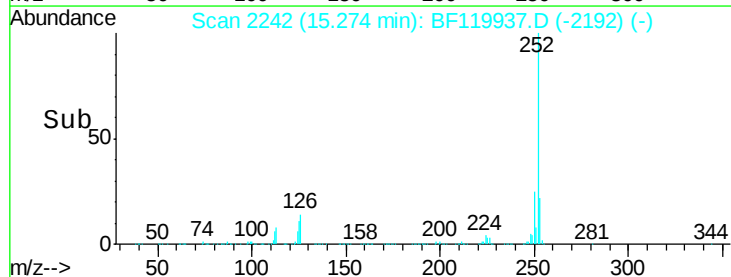
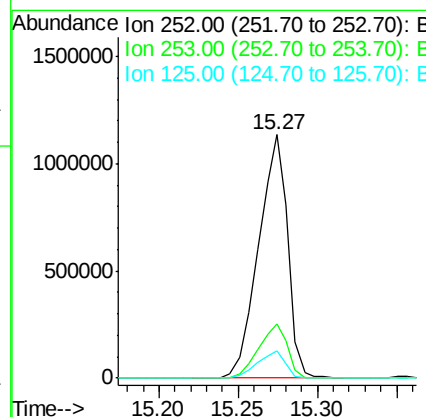
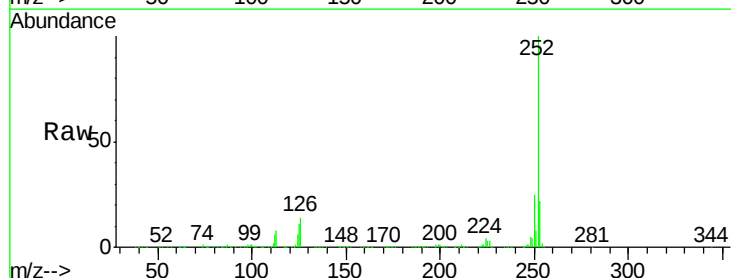
Instrument :
BNA_F
ClientSampleId :

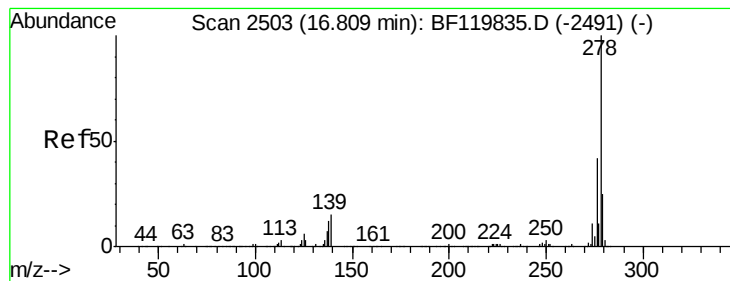
Tot Ion:252 Resp: 1513600
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 38.317 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Tgt Ion:252 Resp: 1444328
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 36.863 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

Instrument :

BNA_F

ClientSampleId :

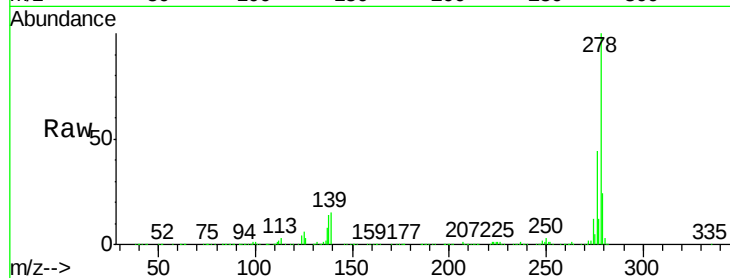
Tot Ion:278 Resp: 1230801

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

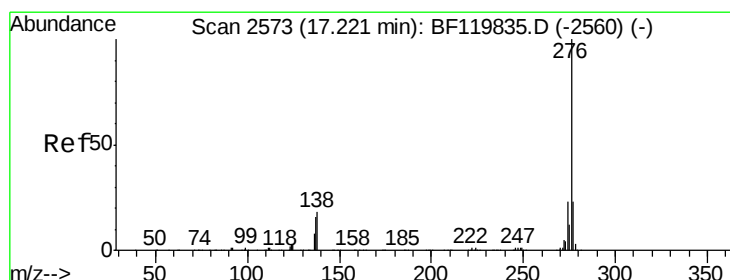
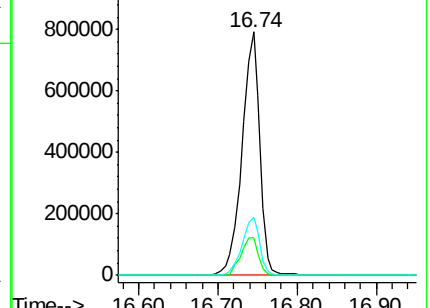
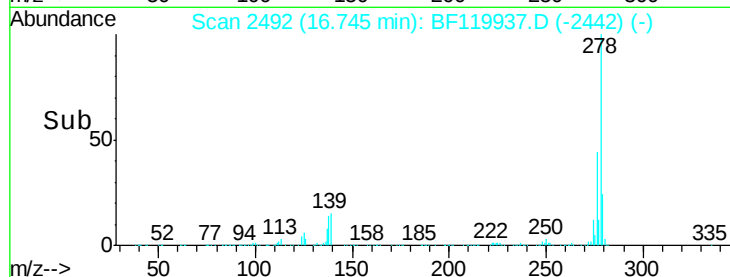
279 23.9 19.7 29.5



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: 36.822 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF119937.D

Acq: 14 Apr 2020 6:11

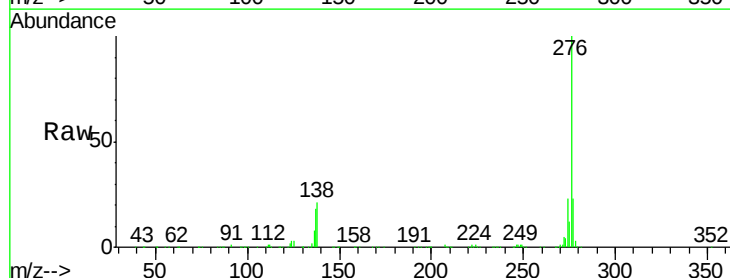
Tgt Ion:276 Resp: 1213587

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 20.9 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

