

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 :
 PB128142BS

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

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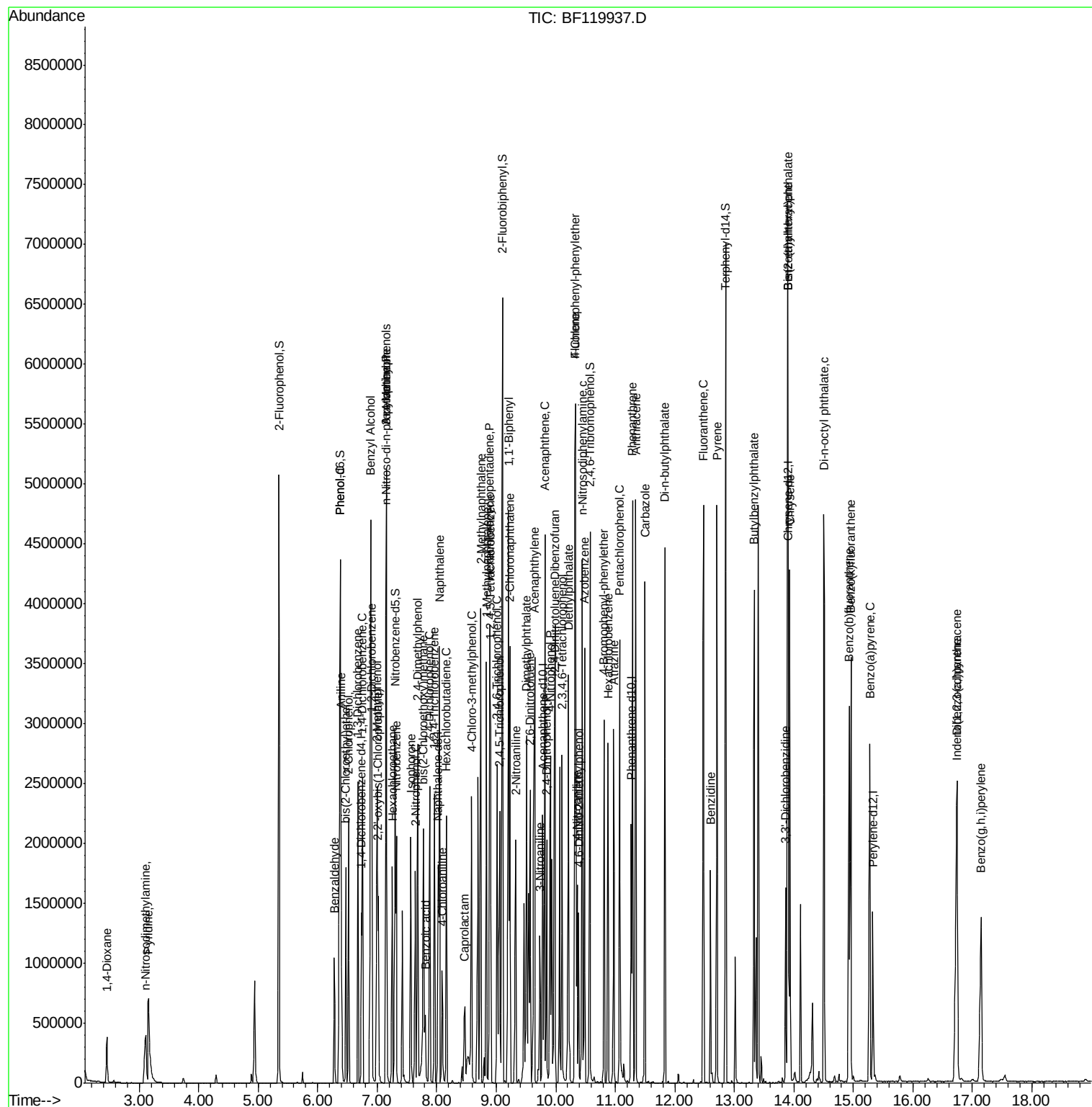
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	563521	67.182	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	378226	37.131	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	414325	36.114	nq	98
46) 1,1'-Biphenyl	9.20	154	1393405	35.347	nq	99
47) 2-Chloronaphthalene	9.23	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

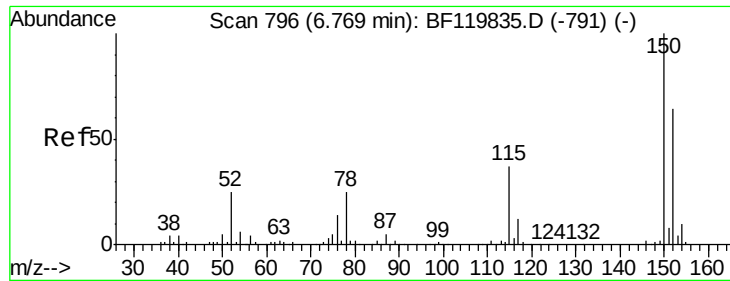
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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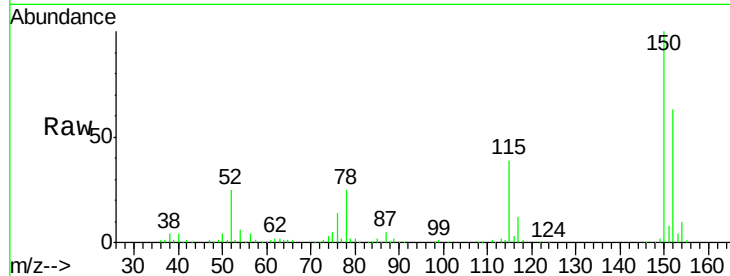


#1

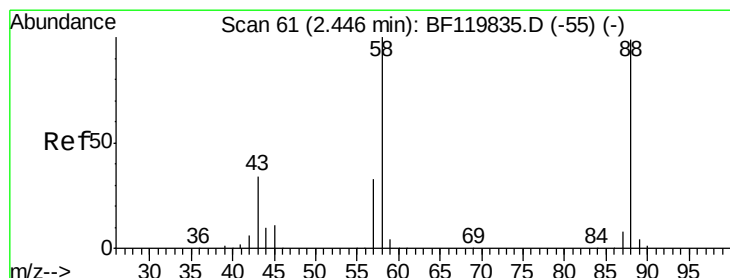
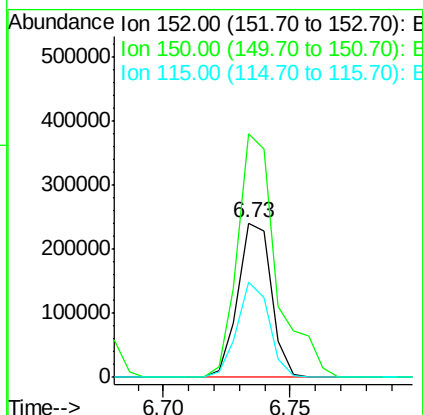
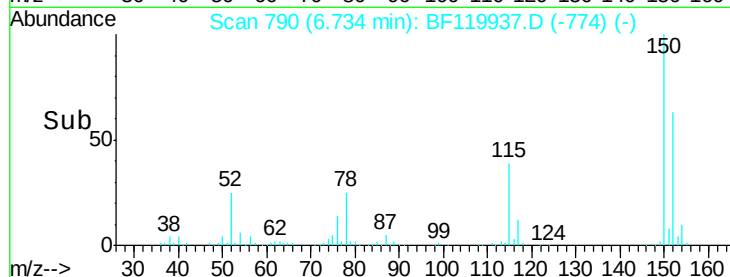
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

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



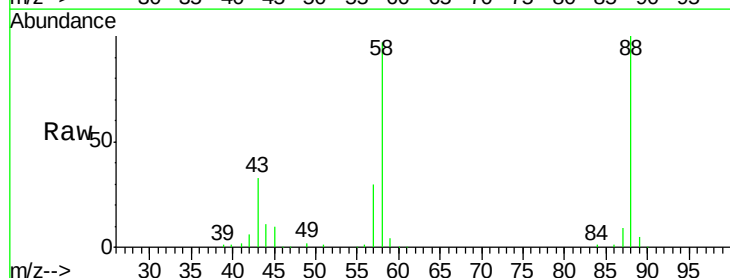
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



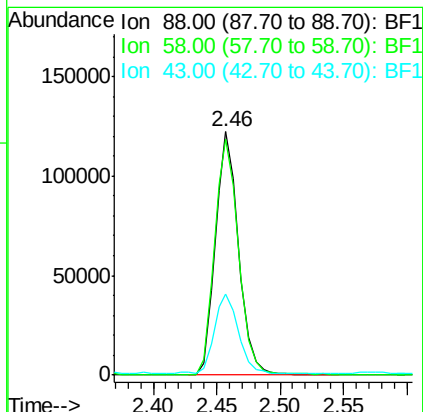
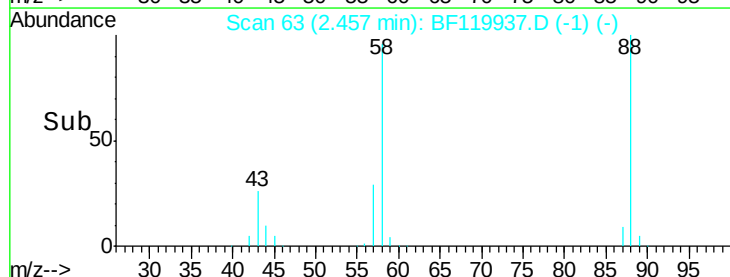
#2

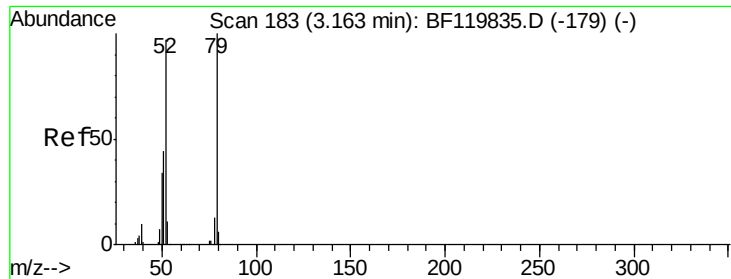
1,4-Dioxane
Concen: 27.489 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.07 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

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

ClientSampleId :

PB128142BS

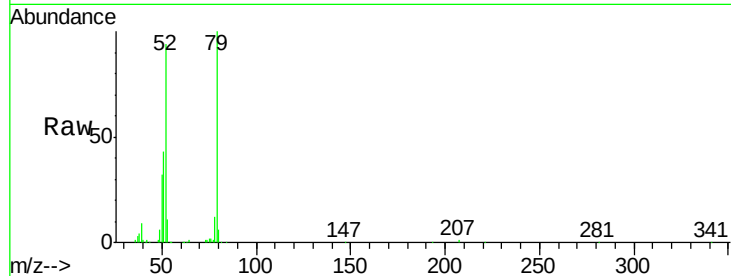
Tot Ion: 79 Resp: 456480

Ion Ratio Lower Upper

79 100

52 94.2 77.4 116.0

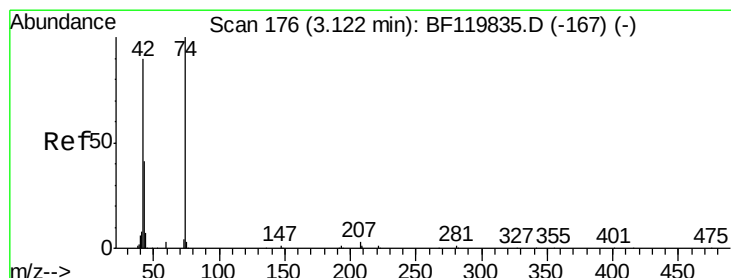
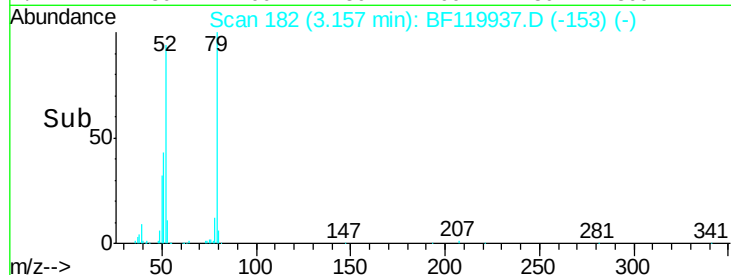
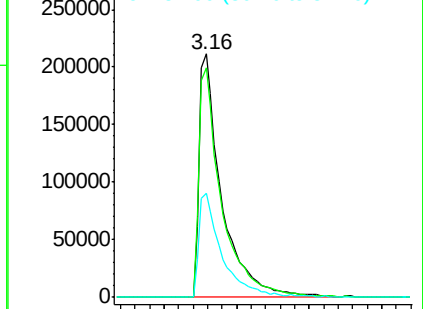
51 42.9 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

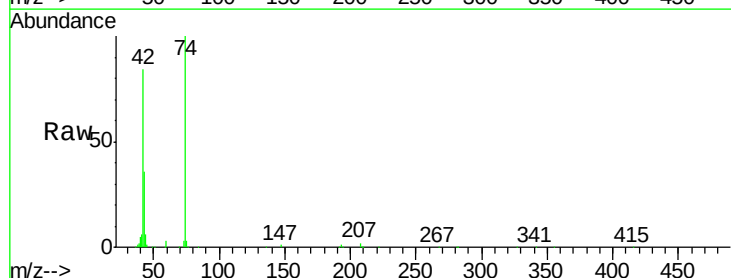
Tgt Ion: 42 Resp: 265915

Ion Ratio Lower Upper

42 100

74 119.3 89.0 133.4

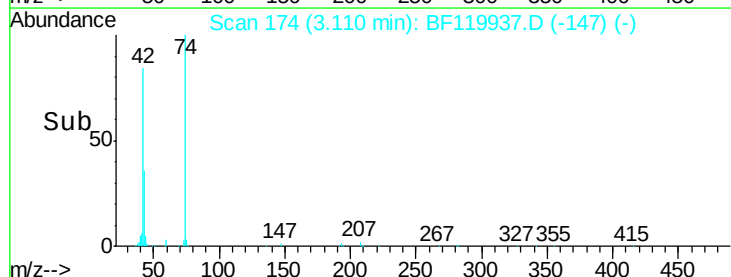
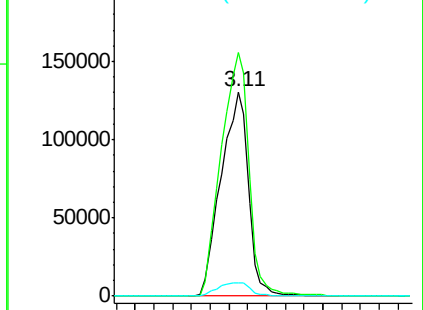
44 6.6 6.2 9.4

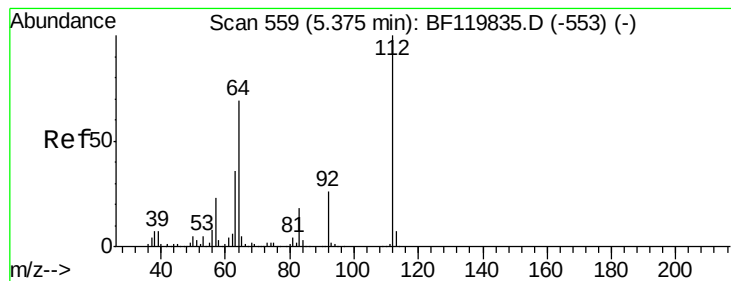


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.442 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

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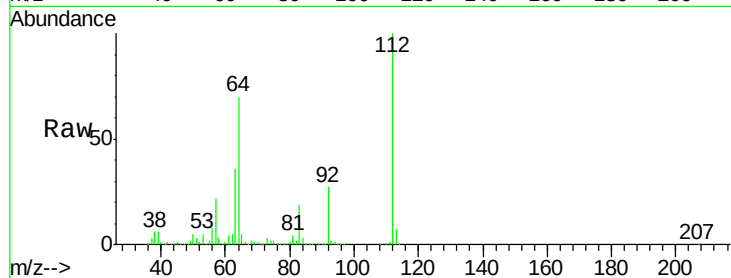
Tot Ion:112 Resp: 1425244

Ion Ratio Lower Upper

112 100

64 70.0 55.5 83.3

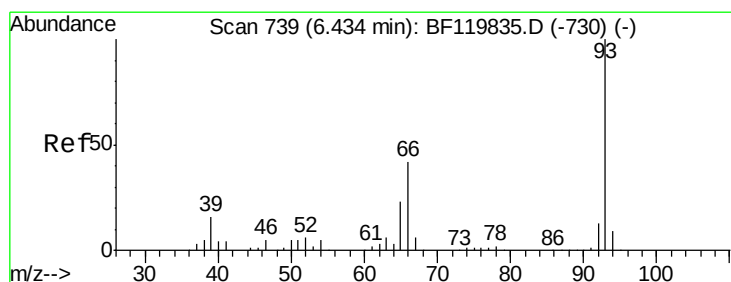
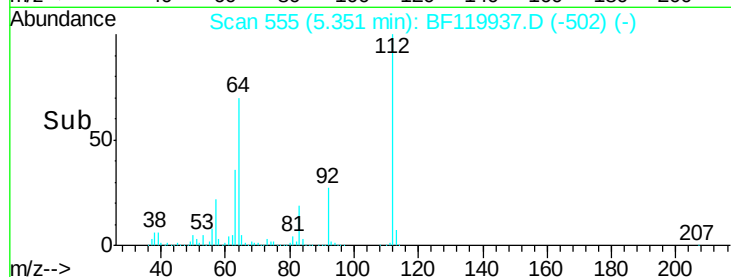
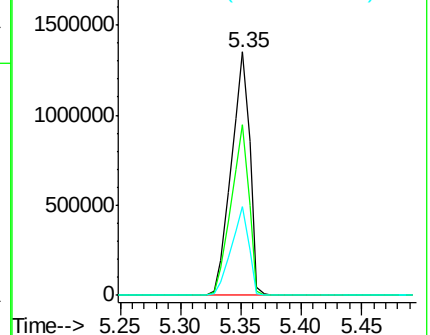
63 36.2 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

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

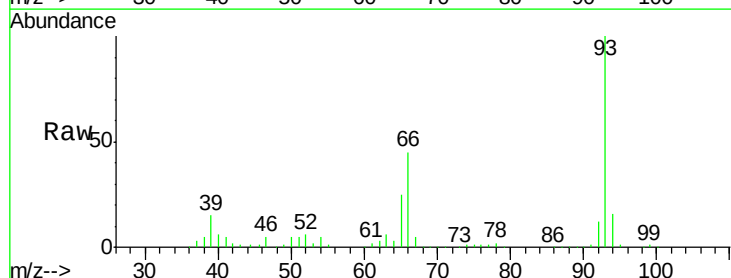
Tgt Ion: 93 Resp: 550794

Ion Ratio Lower Upper

93 100

66 44.7 34.2 51.2

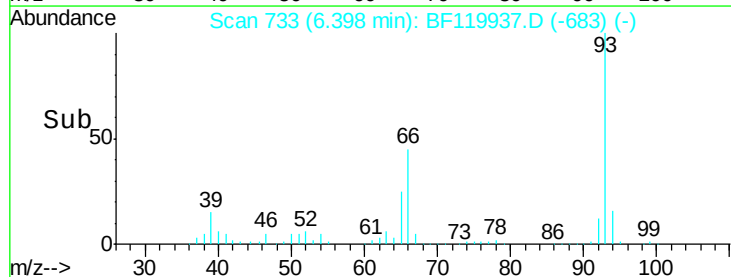
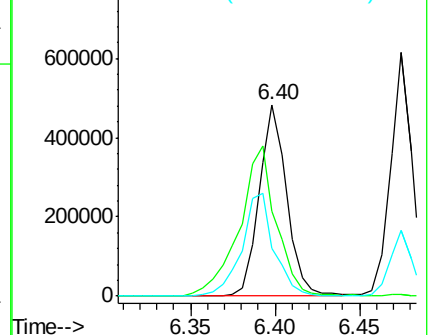
65 24.9 18.3 27.5

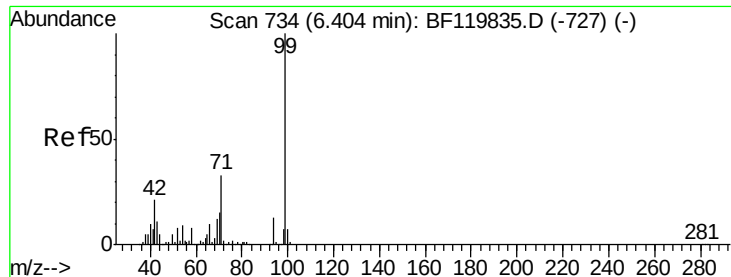


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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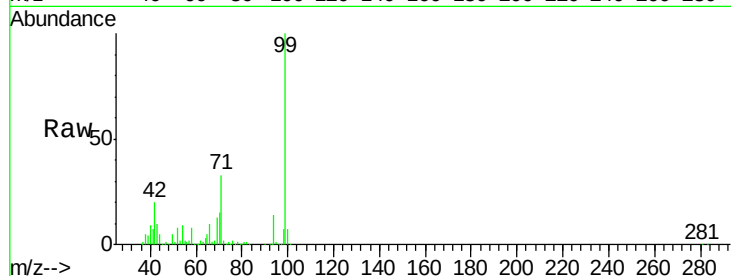
Tot Ion: 99 Resp: 1858333

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

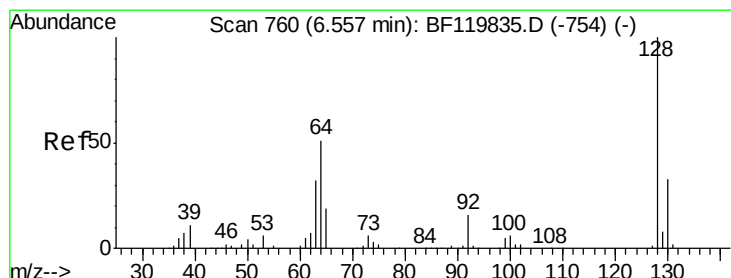
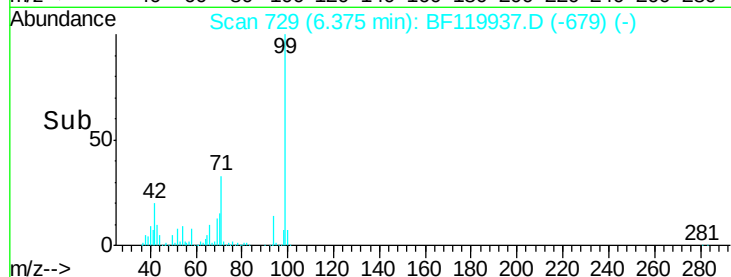
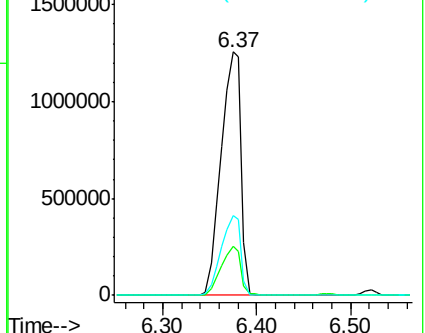
71 32.8 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 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

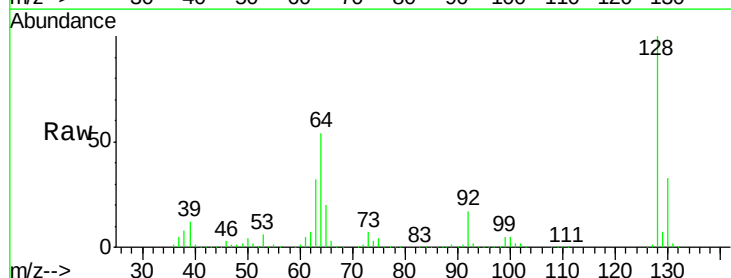
Tgt Ion: 128 Resp: 578882

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

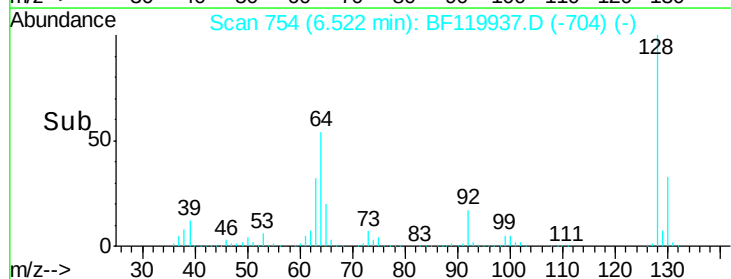
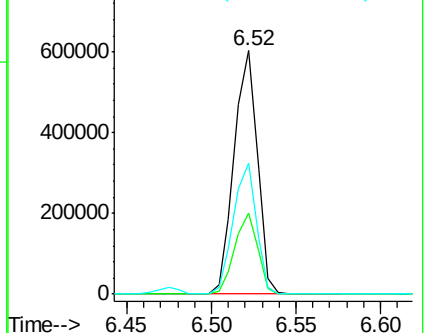
64 53.9 32.0 72.0

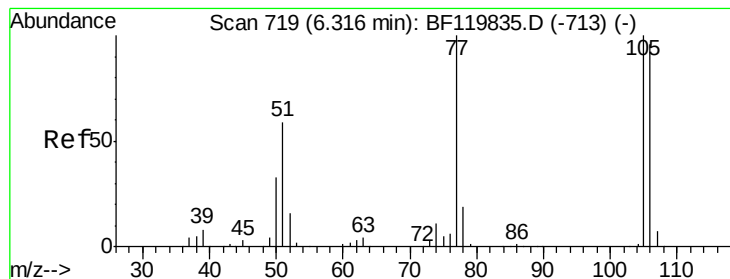


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.847 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

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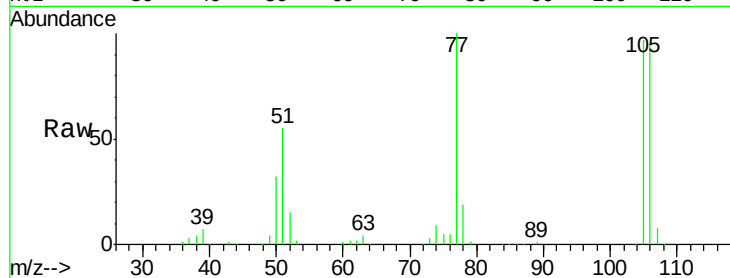
Tot Ion: 77 Resp: 182291

Ion Ratio Lower Upper

77 100

105 96.8 79.9 119.9

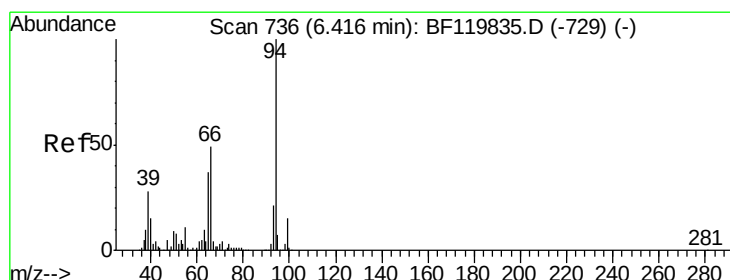
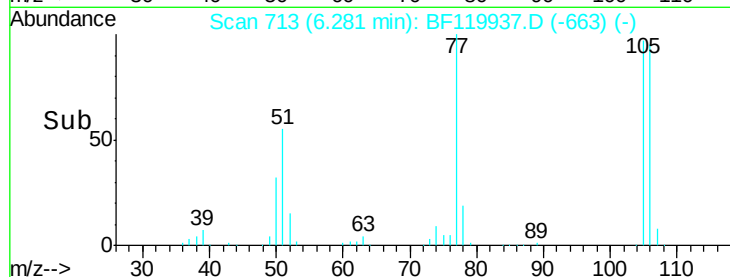
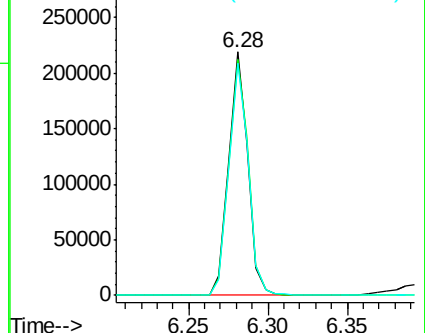
106 95.2 76.4 116.4



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

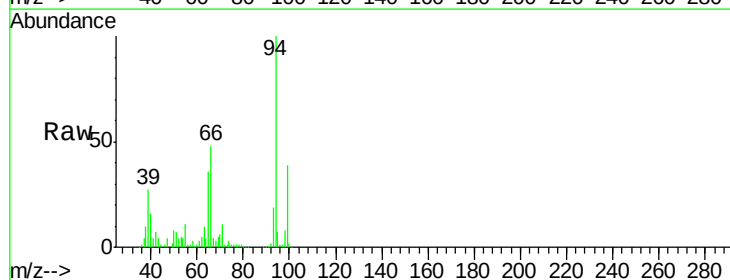
Tgt Ion: 94 Resp: 733671

Ion Ratio Lower Upper

94 100

65 35.6 16.6 56.6

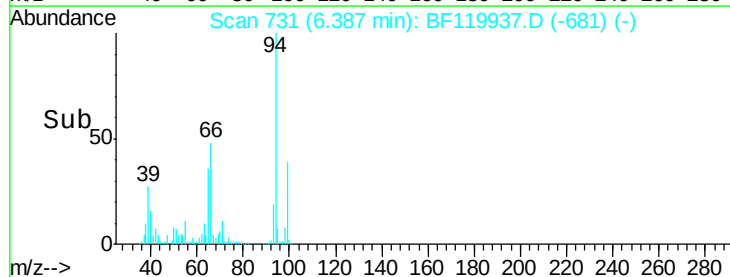
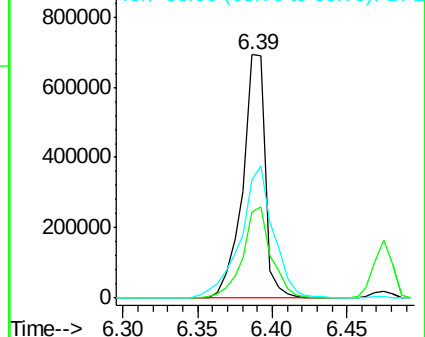
66 48.4 29.3 69.3

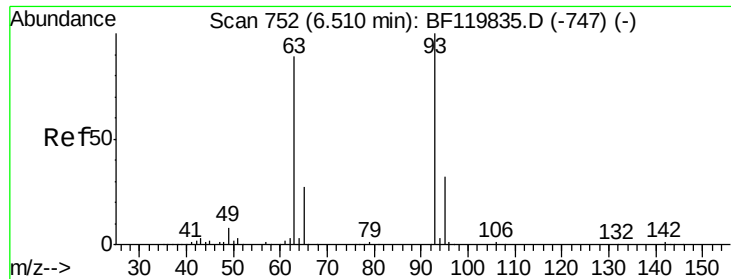


Abundance Ion 94.00 (93.70 to 94.70): BF1

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 :

PB128142BS

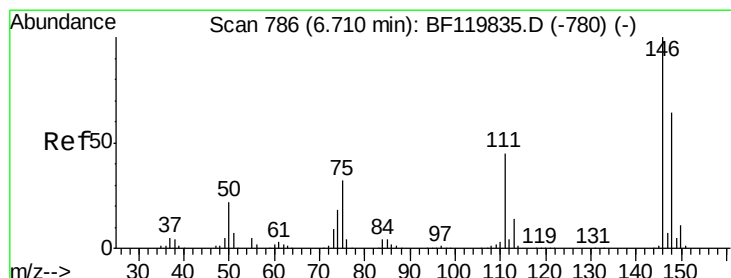
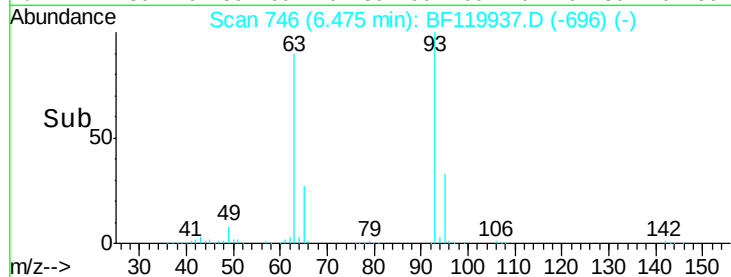
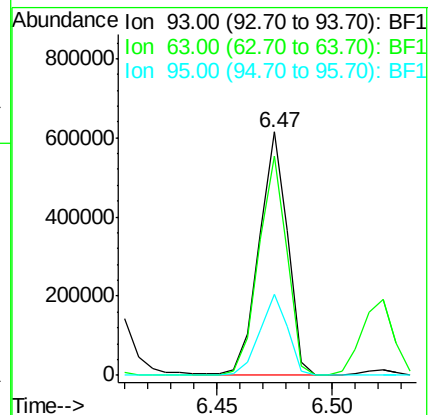
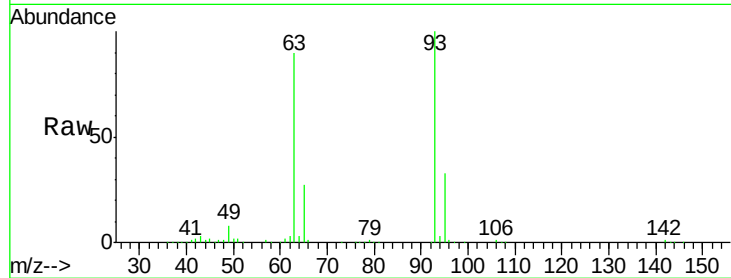
Tot Ion: 93 Resp: 526548

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

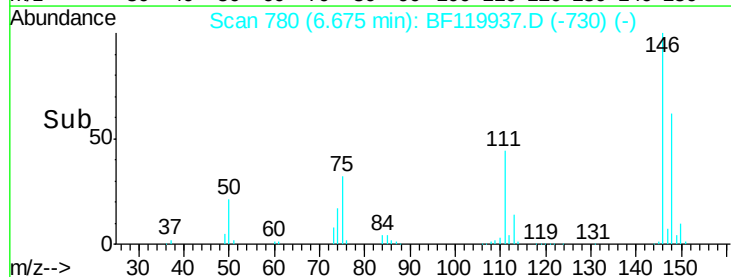
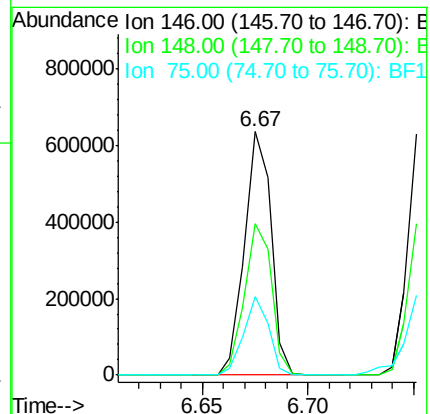
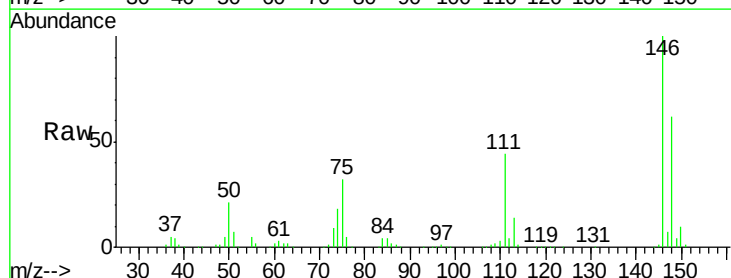
Tgt Ion: 146 Resp: 554405

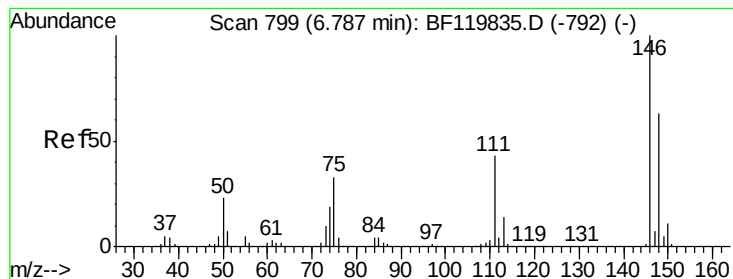
Ion Ratio Lower Upper

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 :

PB128142BS

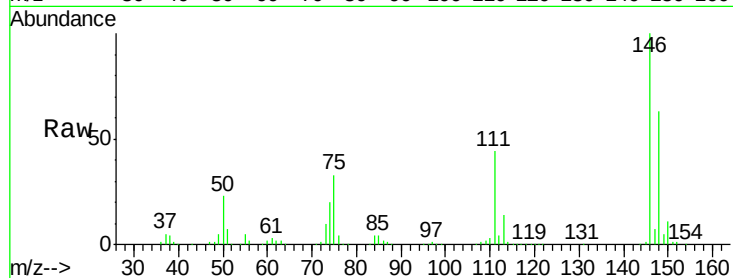
Tot Ion:146 Resp: 559962

Ion Ratio Lower Upper

146 100

148 62.8 50.5 75.7

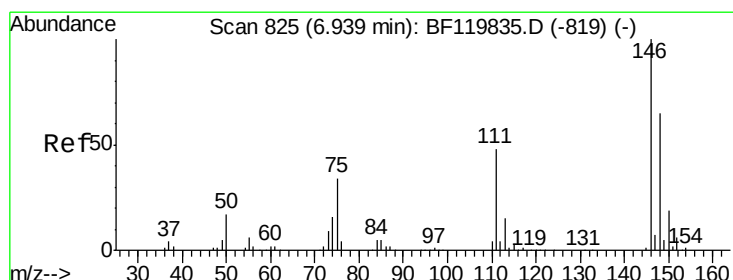
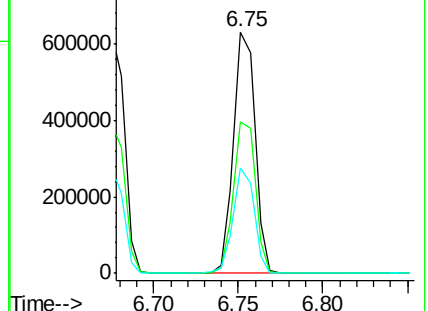
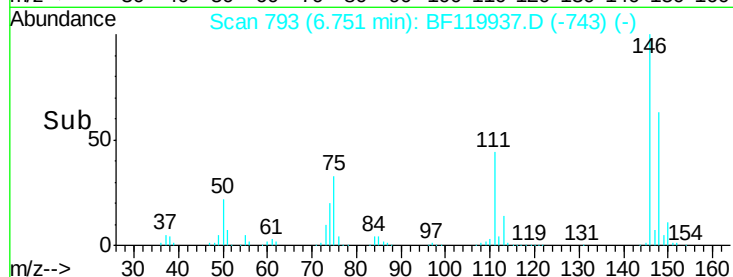
111 43.8 34.7 52.1



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

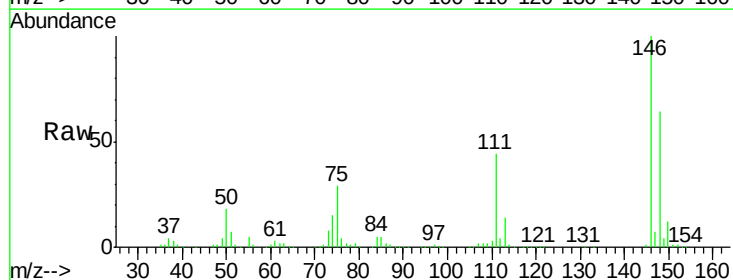
Tgt Ion:146 Resp: 523843

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

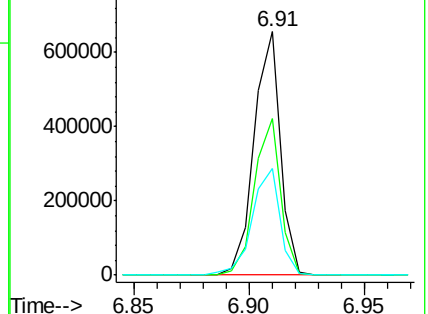
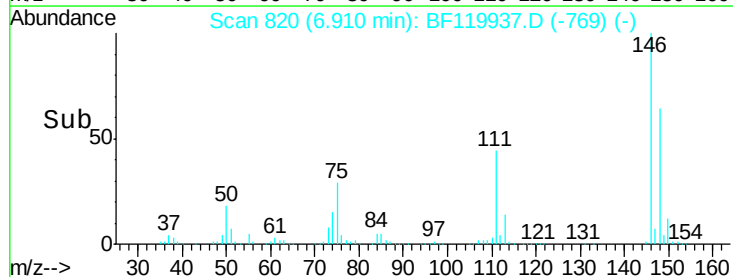
111 43.7 38.0 57.0

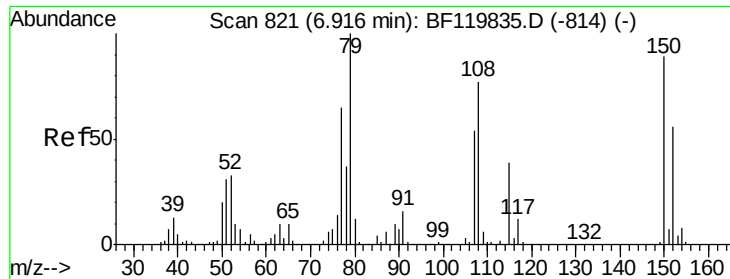


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

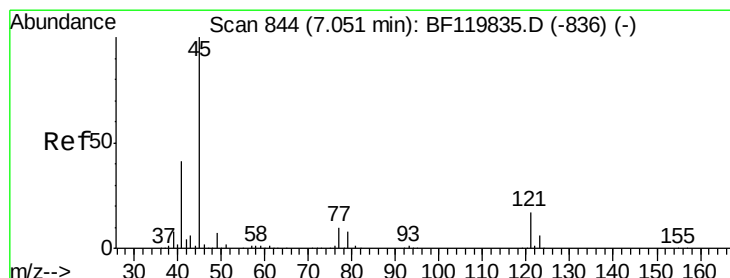
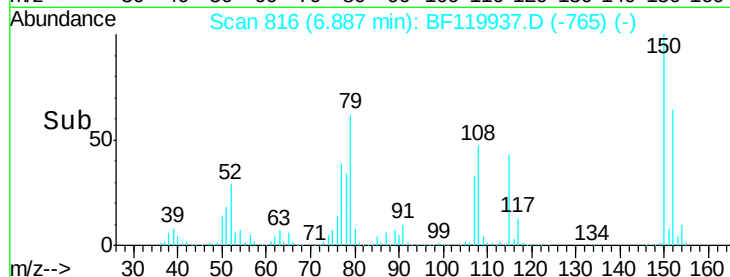
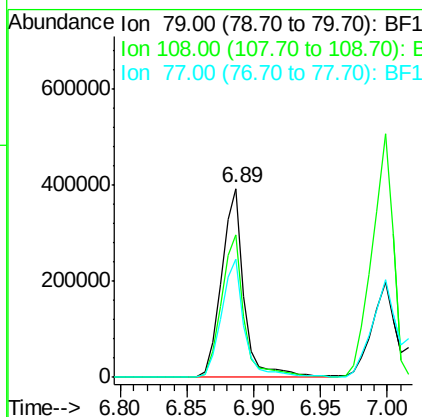
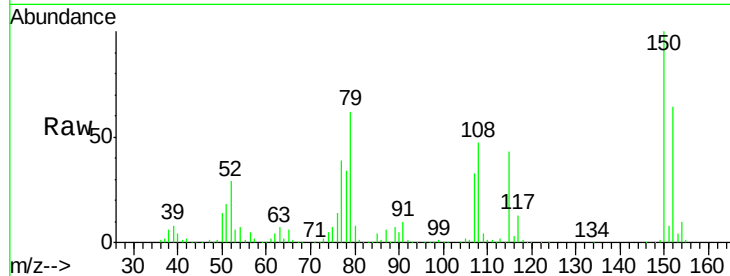




#15
Benzyl Alcohol
Concen: 36.424 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

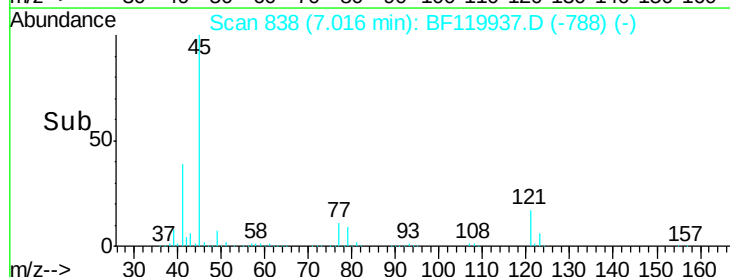
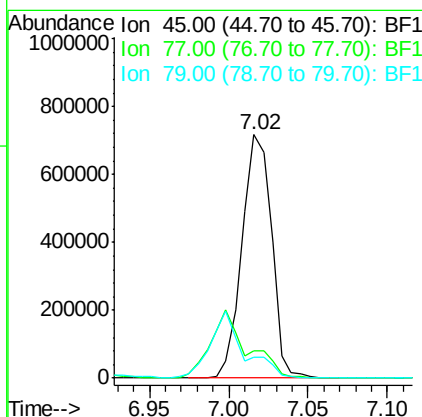
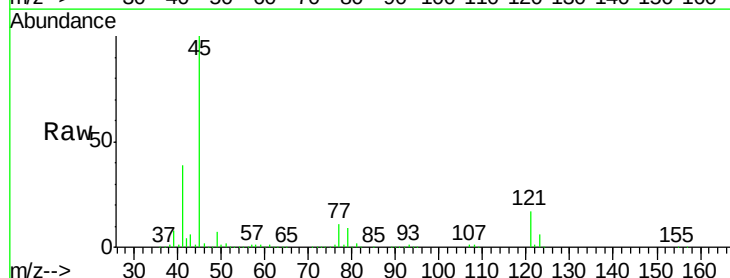
Instrument :
BNA_F
ClientSampleId :
PB128142BS

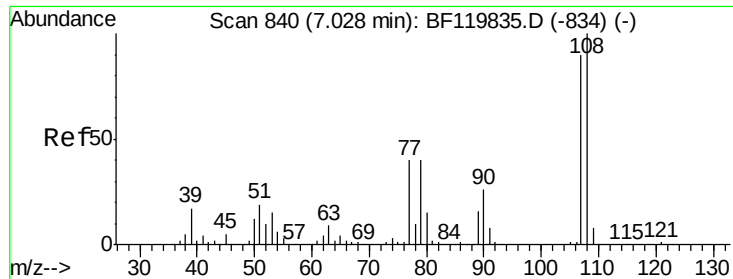
Tot Ion: 79 Resp: 466213
Ion Ratio Lower Upper
79 100
108 75.8 62.0 93.0
77 62.6 51.8 77.6



#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

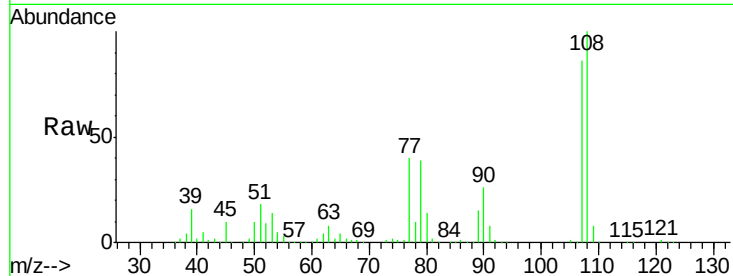




#17
2-Methylphenol
Concen: 36.834 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

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



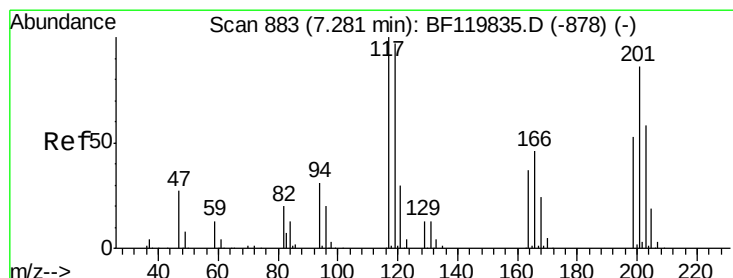
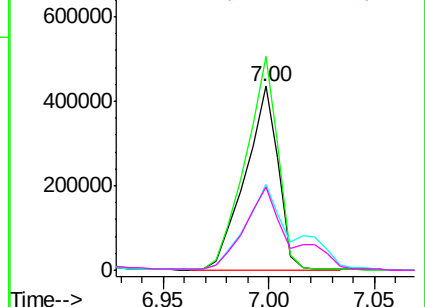
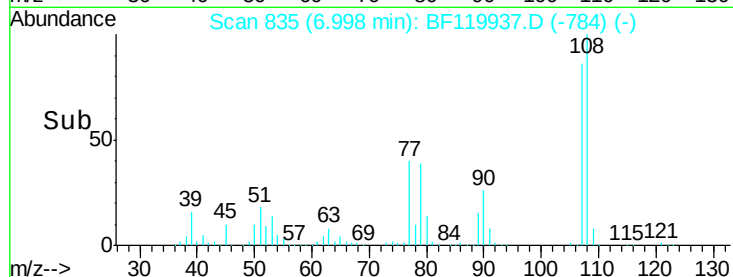
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

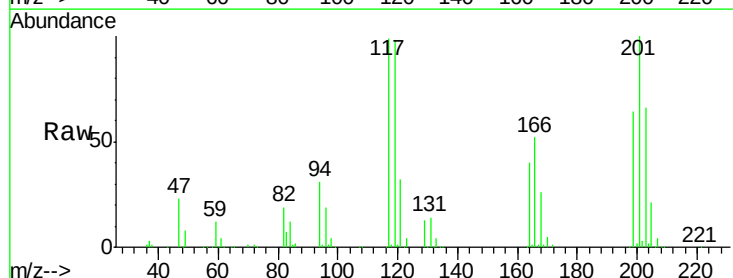
Ion 77.00 (76.70 to 77.70): BF1

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

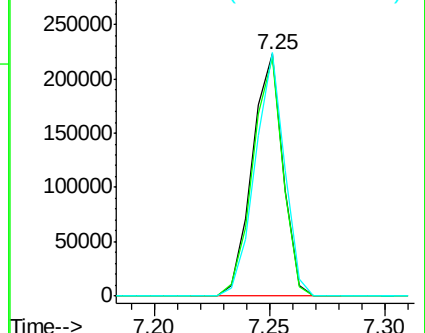
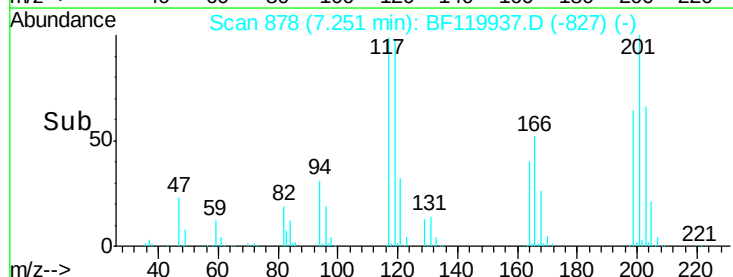


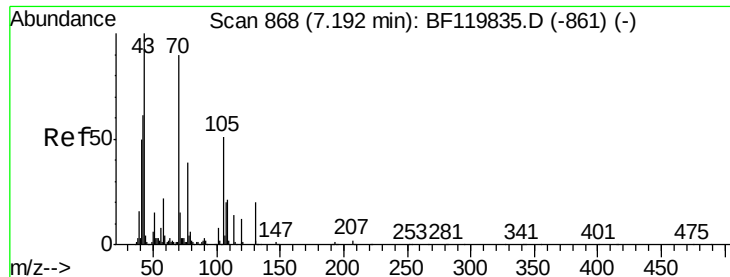
Abundance

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

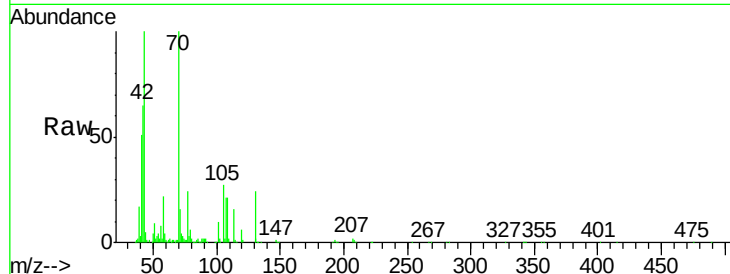




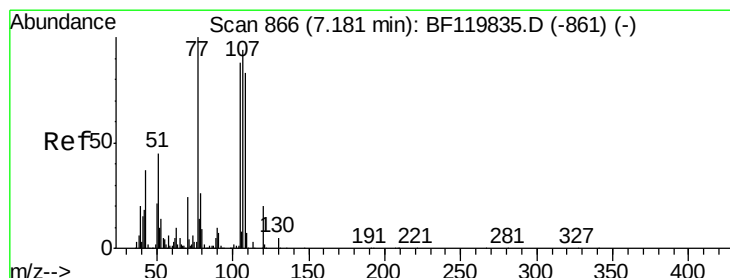
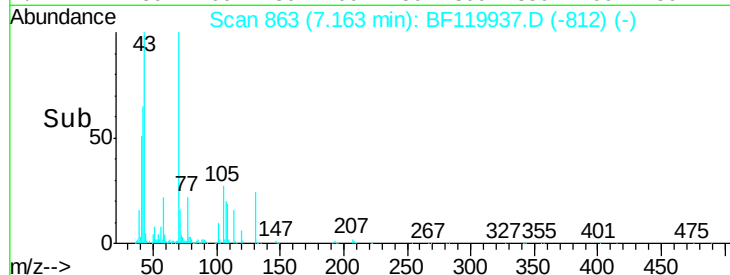
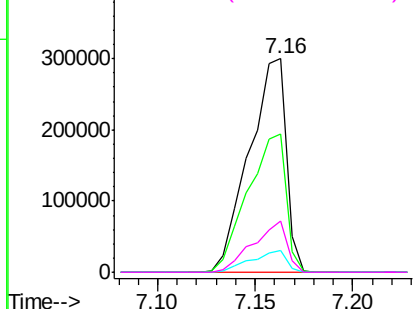
#19
n-Nitroso-di-n-propylamine
Concen: 37.292 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

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

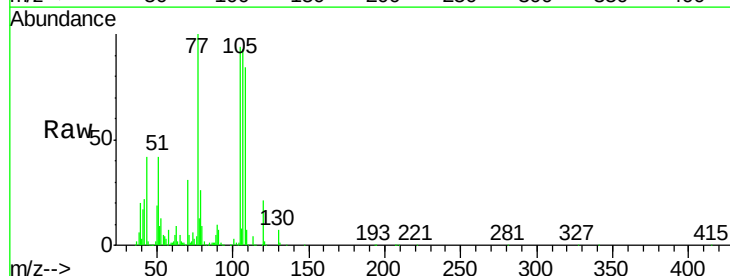


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

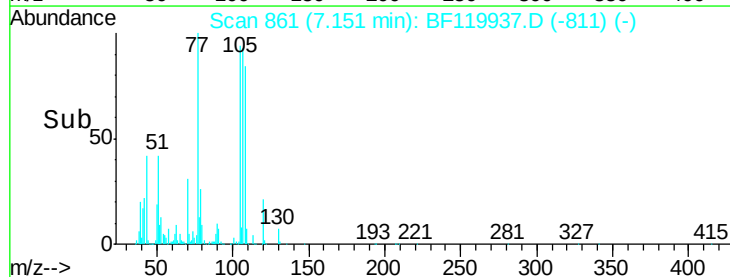
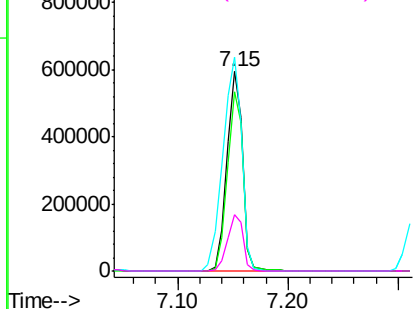


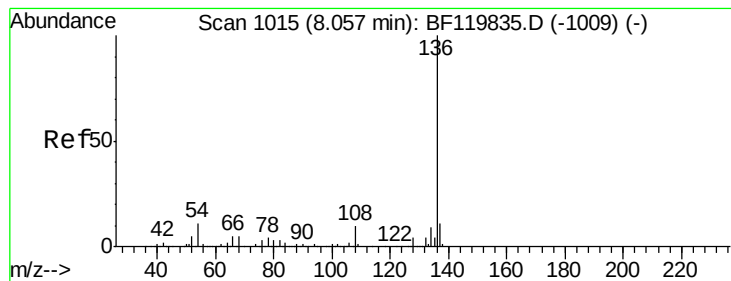
#20
3+4-Methylphenols
Concen: 37.911 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

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 :

PB128142BS

Tot Ion:136 Resp: 868946

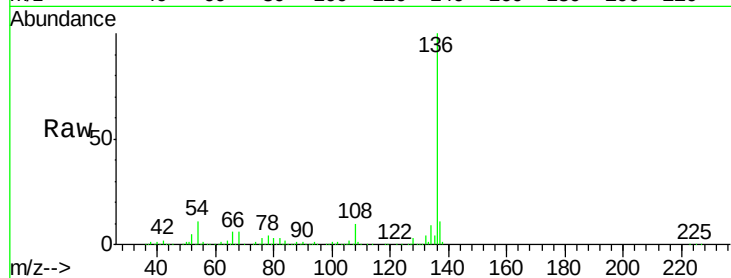
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 8.5 12.7

68 5.7 3.9 5.9

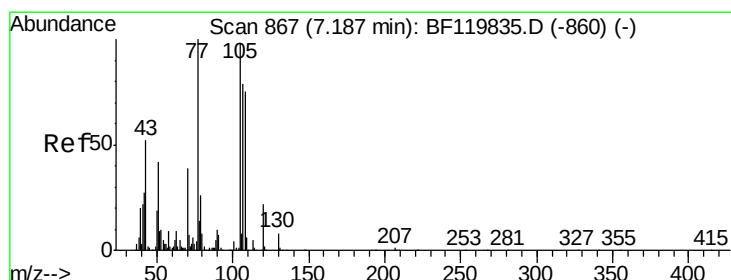
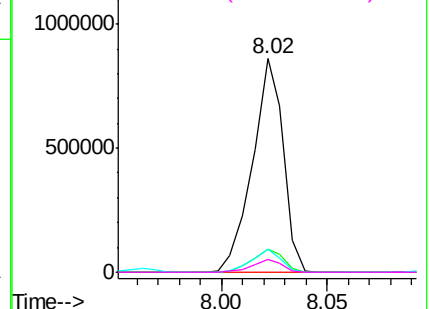
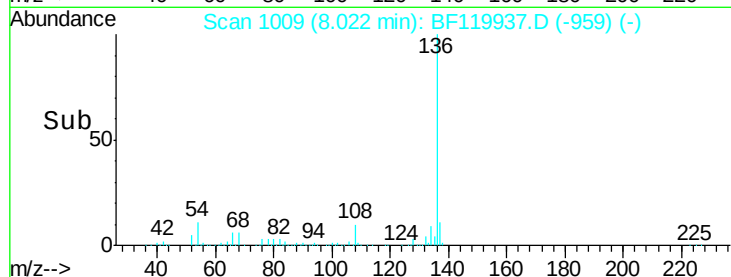


Abundance Ion 136.00 (135.70 to 136.70): E

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

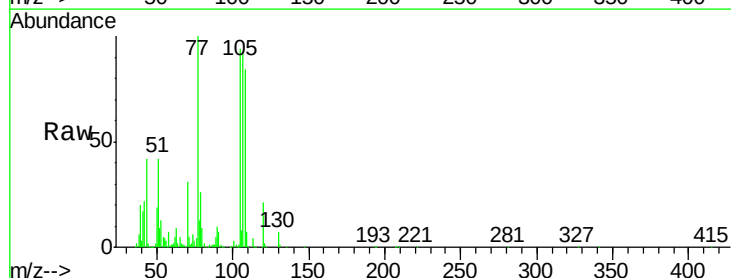
Ion Ratio Lower Upper

105 100

71 5.5 5.6 8.4#

51 44.9 33.9 50.9

120 22.3 17.8 26.8

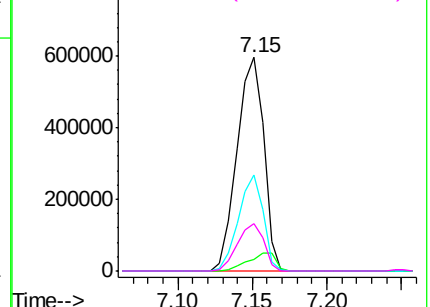
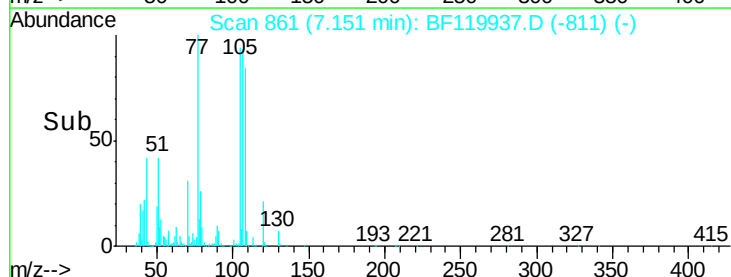


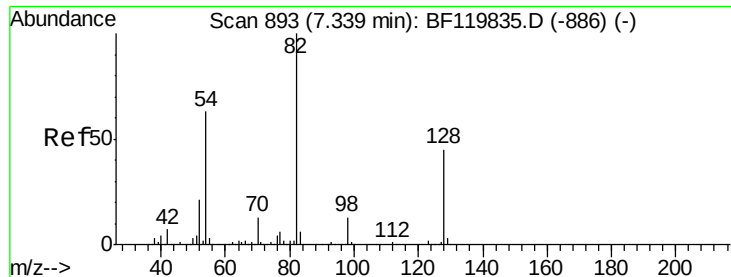
Abundance Ion 105.00 (104.70 to 105.70): E

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

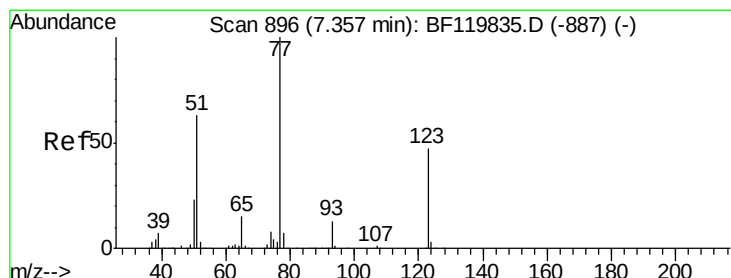
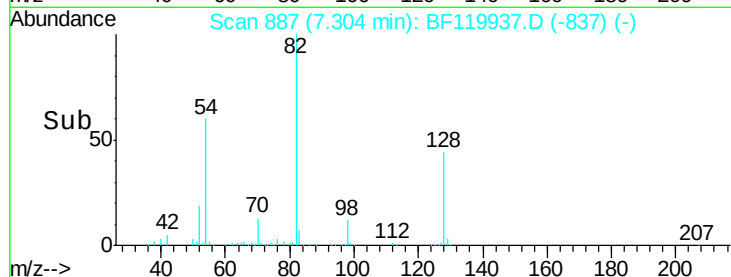
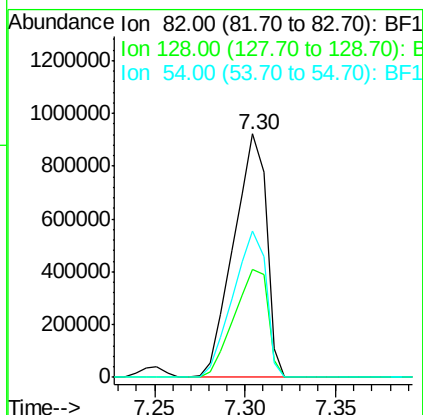
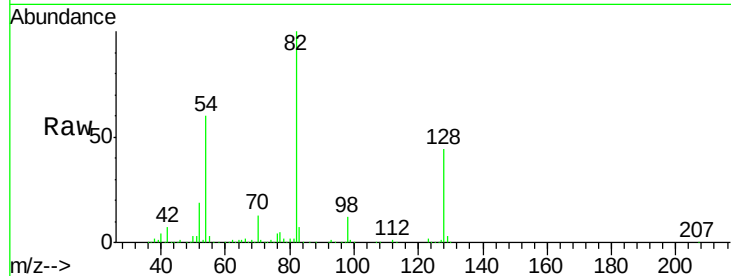




#23
Nitrobenzene-d5
Concen: 69.123 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

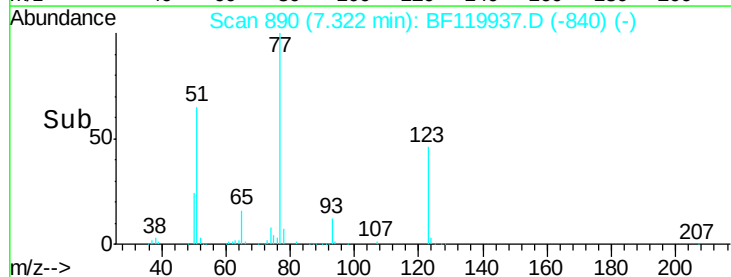
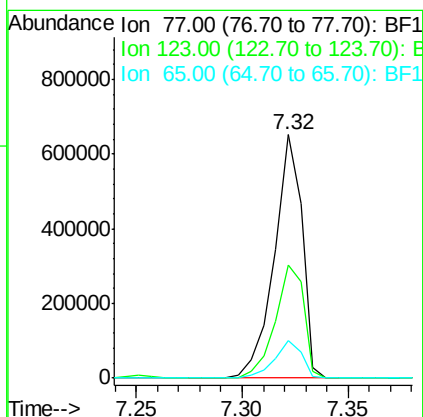
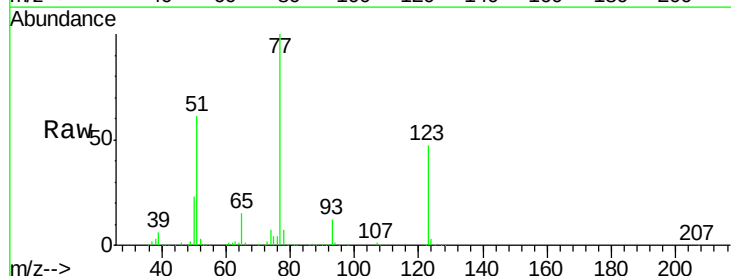
Instrument :
BNA_F
ClientSampleId :
PB128142BS

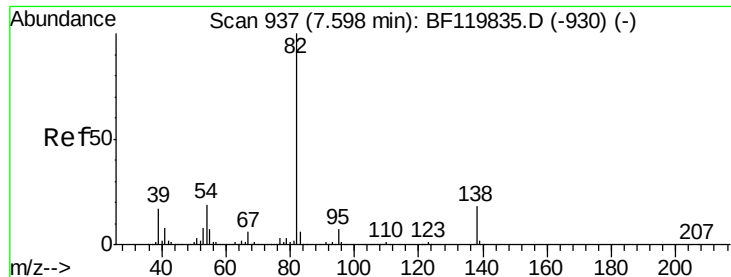
Tot Ion: 82 Resp: 1161031
Ion Ratio Lower Upper
82 100
128 44.4 36.2 54.4
54 60.1 50.4 75.6



#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 :

PB128142BS

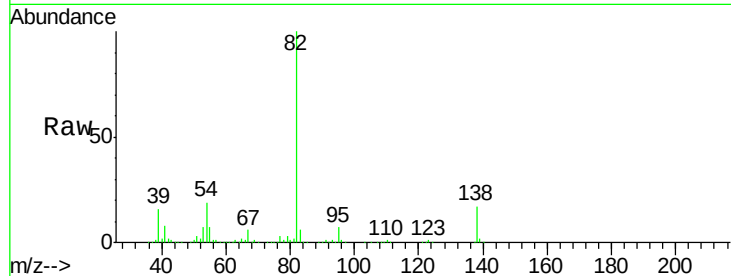
Tot Ion: 82 Resp: 1132566

Ion Ratio Lower Upper

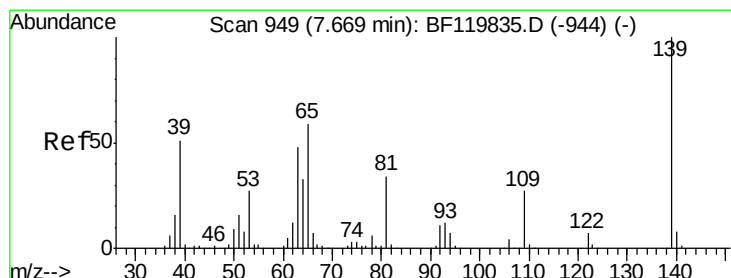
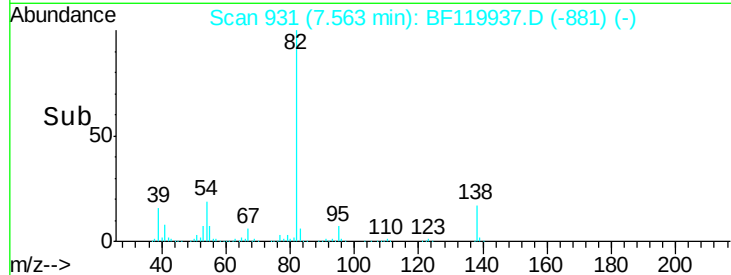
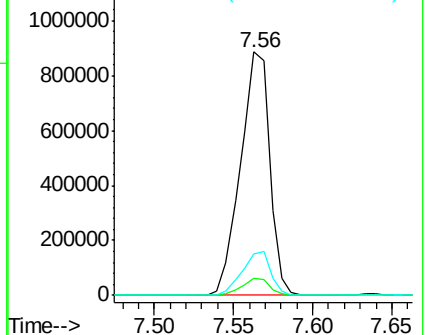
82 100

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

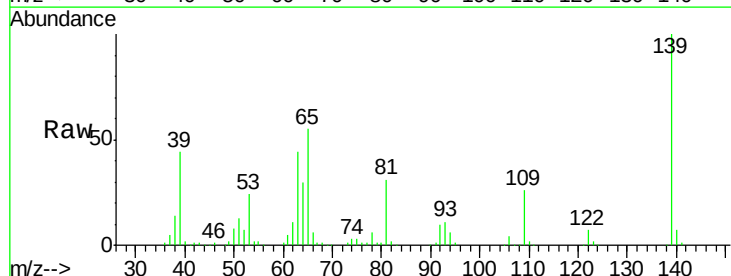
Tgt Ion: 139 Resp: 314948

Ion Ratio Lower Upper

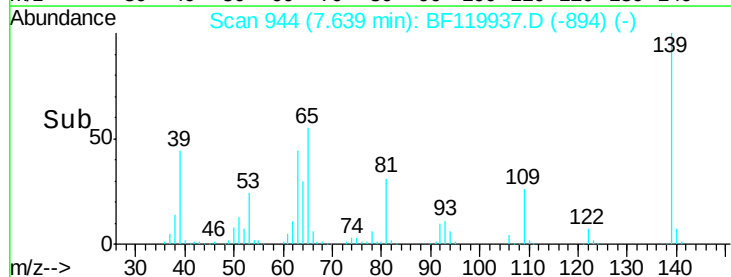
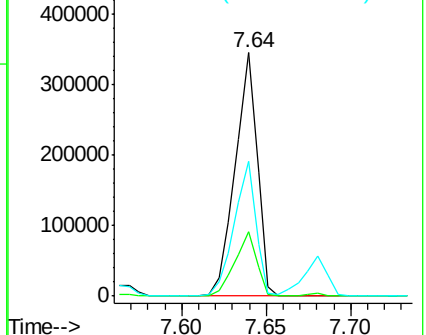
139 100

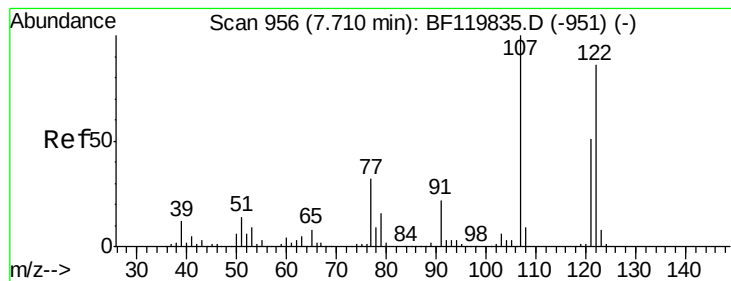
109 26.4 21.8 32.6

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

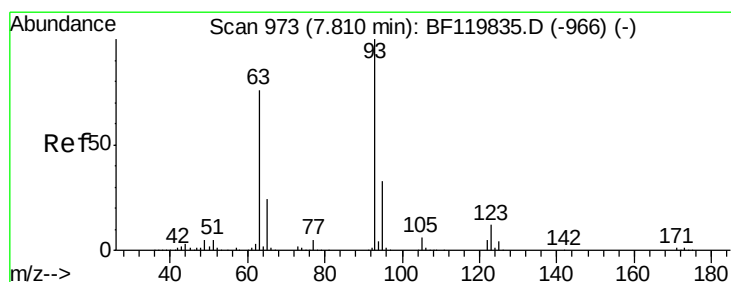
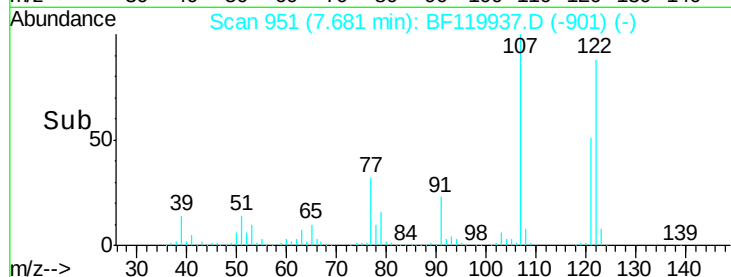
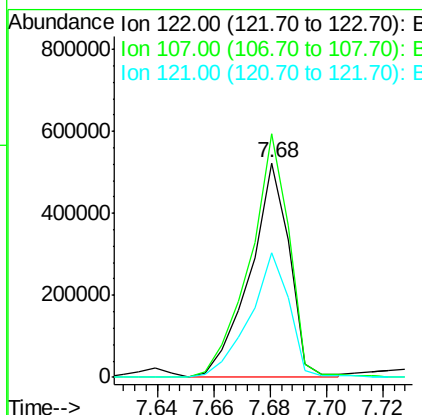
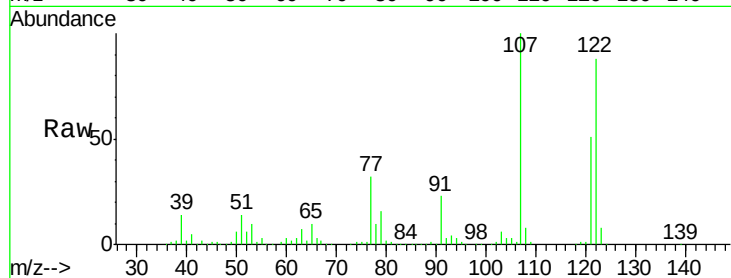




#27
 2,4-Dimethylphenol
 Concen: 39.763 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

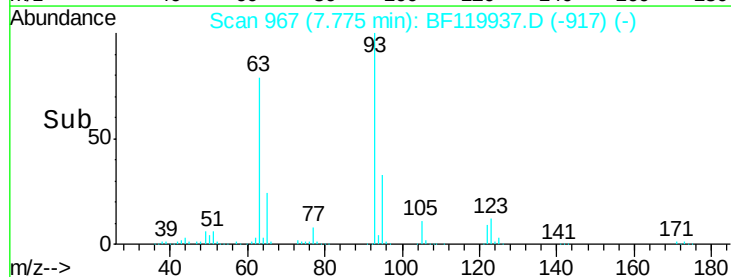
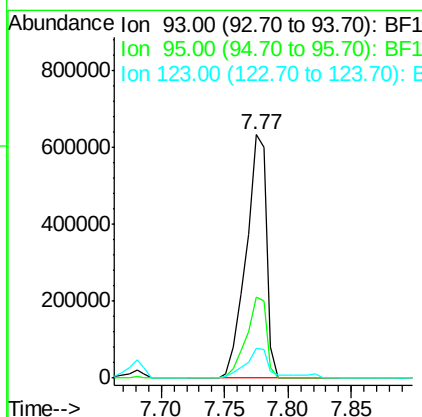
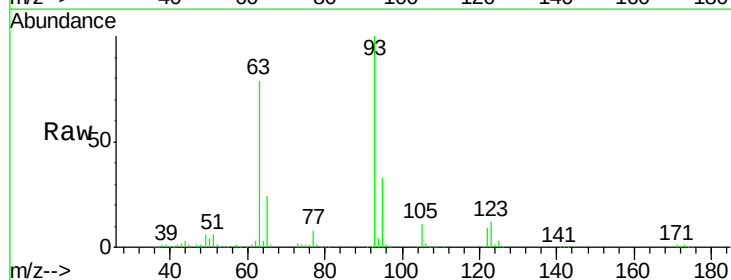
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

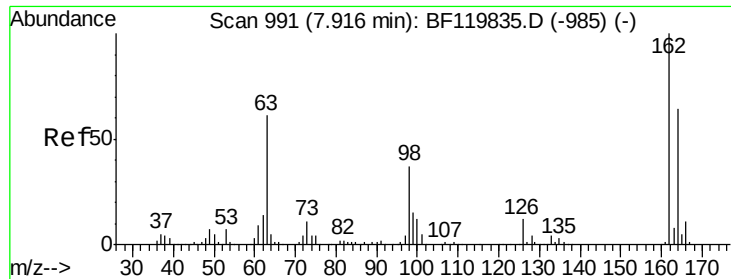
Tot Ion:122 Resp: 506245
 Ion Ratio Lower Upper
 122 100
 107 113.4 92.3 138.5
 121 58.1 46.6 70.0



#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

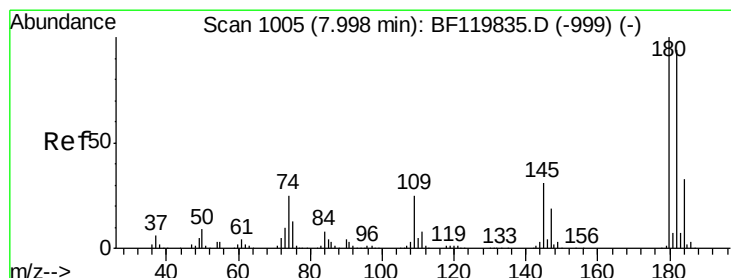
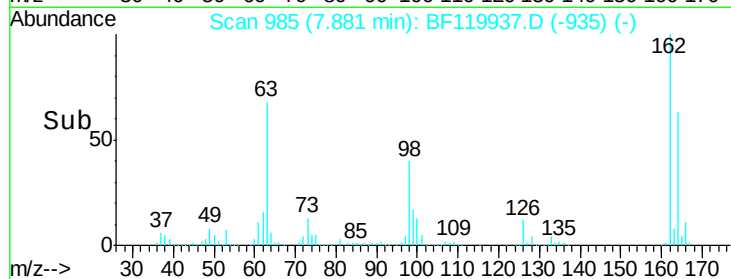
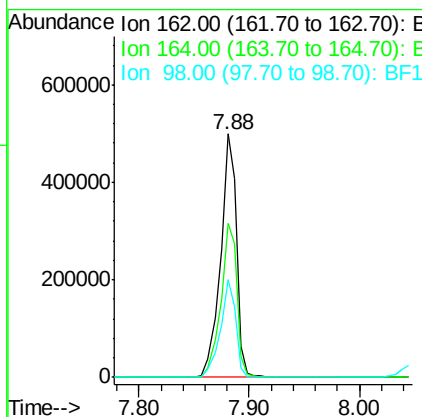
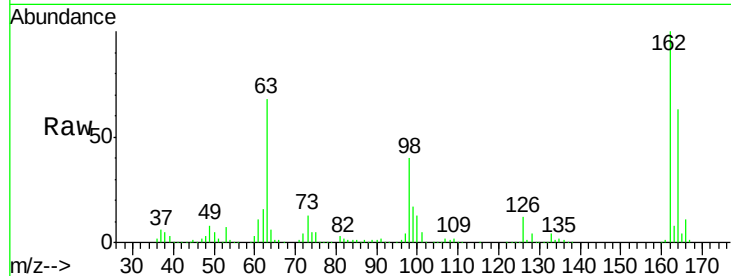




#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

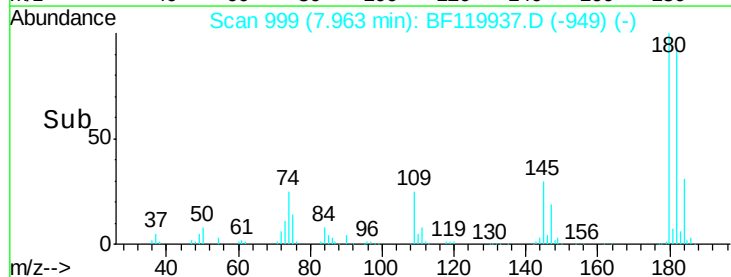
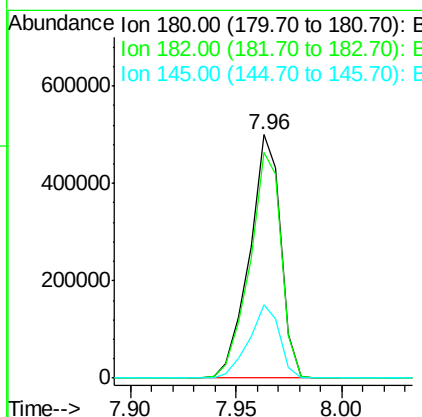
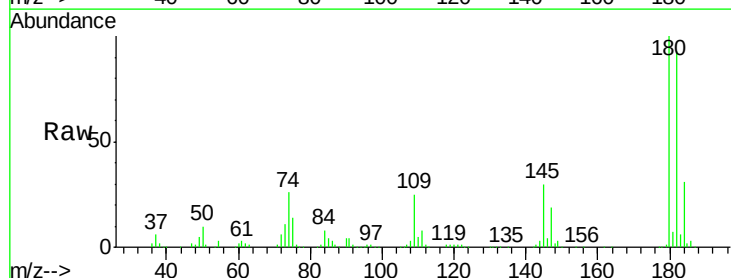
Instrument :
BNA_F
ClientSampleId :
PB128142BS

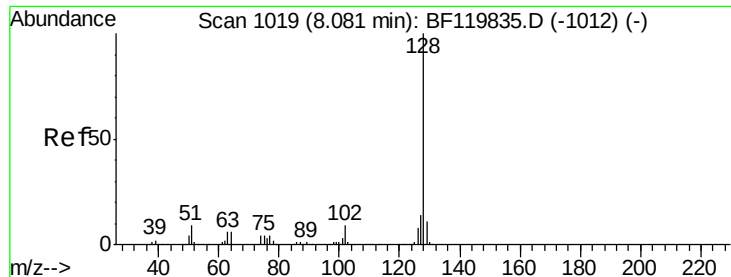
Tot Ion:162 Resp: 499630
Ion Ratio Lower Upper
162 100
164 63.5 44.4 84.4
98 40.3 17.3 57.3



#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

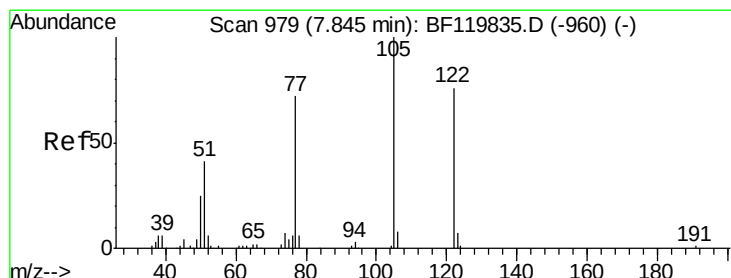
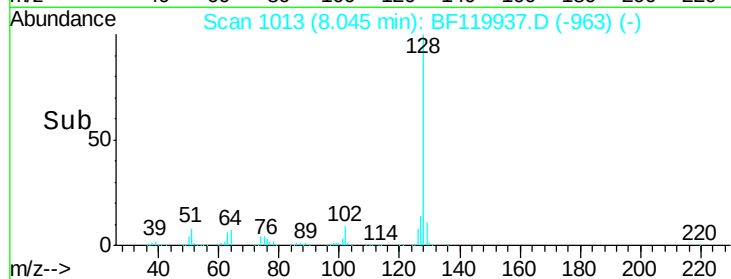
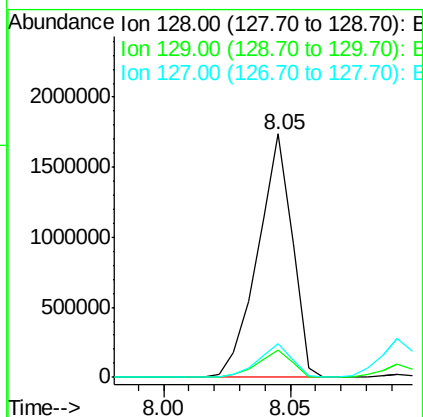
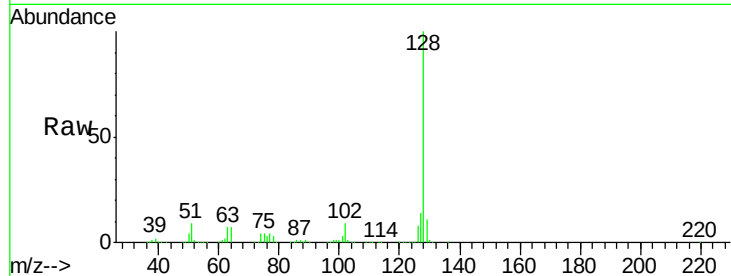




#31
Naphthalene
Concen: 35.872 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

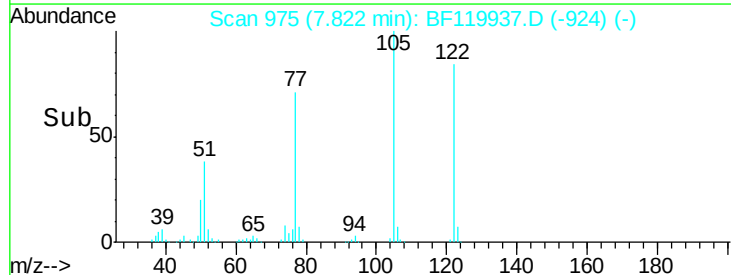
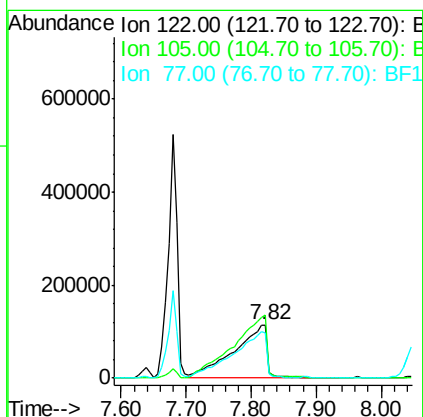
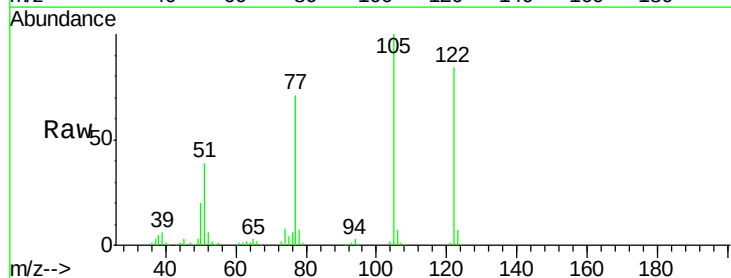
Instrument :
BNA_F
ClientSampleId :
PB128142BS

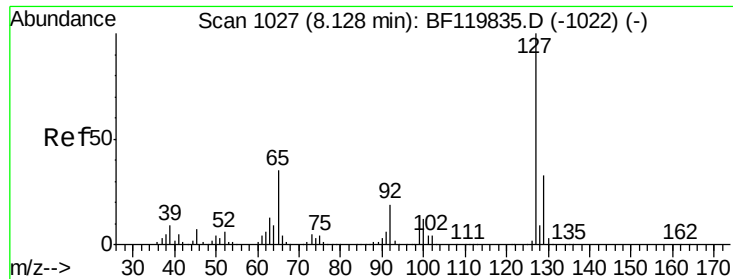
Tot Ion:128 Resp: 1639994
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.1 11.0 16.4



#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

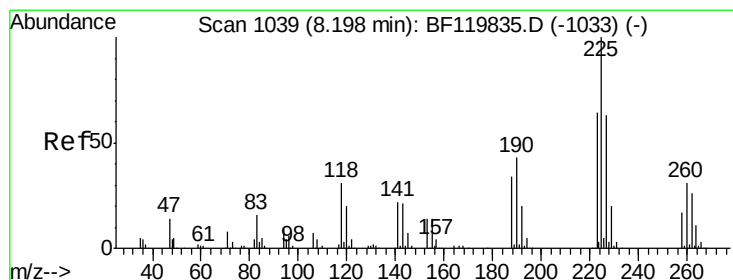
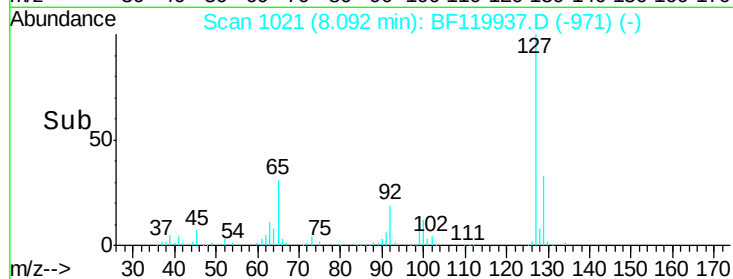
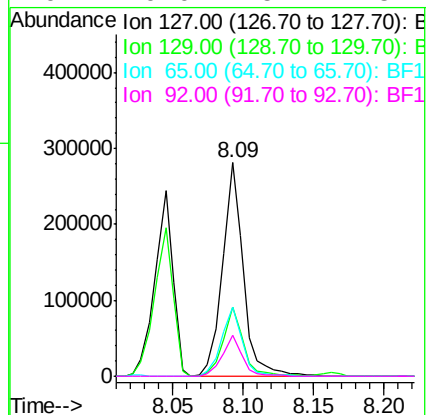
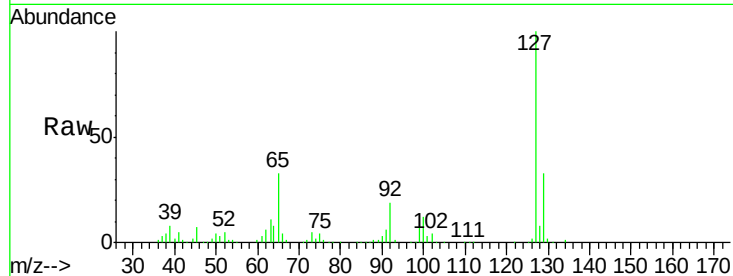




#33
4-Chloroaniline
Concen: 14.420 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

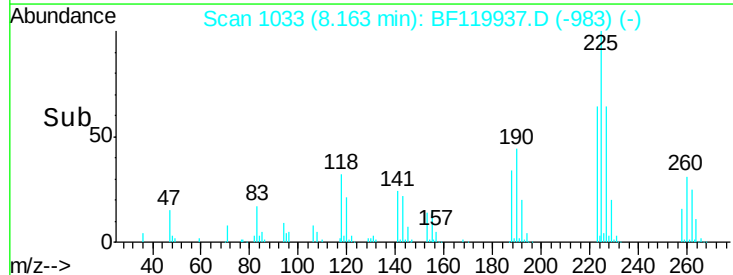
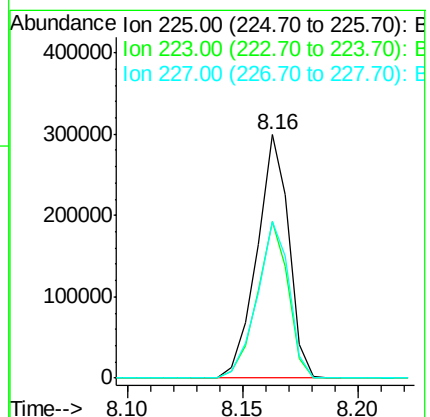
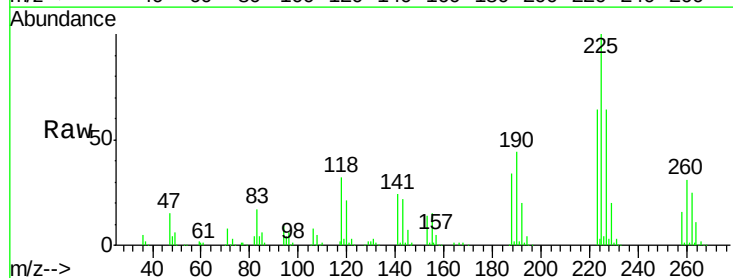
Instrument :
BNA_F
ClientSampleId :
PB128142BS

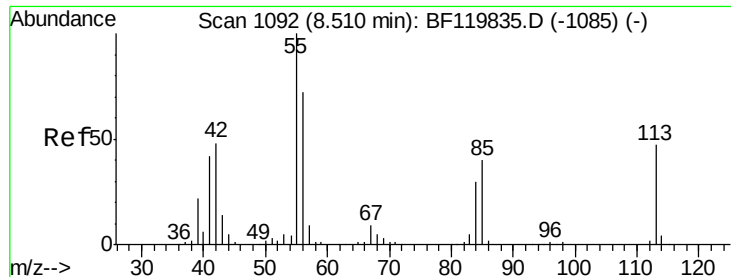
Tot Ion:	127	Resp:	286997
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	32.5	28.3	42.5
92	19.0	15.4	23.2



#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 :

PB128142BS

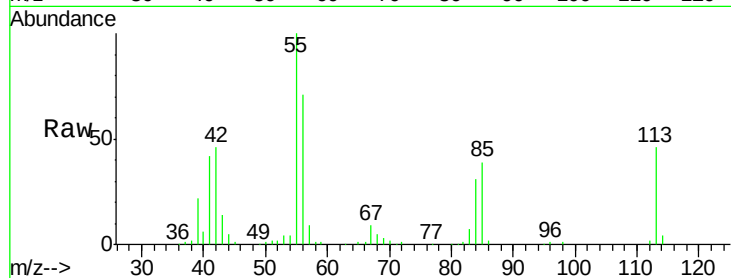
Tot Ion:113 Resp: 90150

Ion Ratio Lower Upper

113 100

55 218.7 192.7 232.7

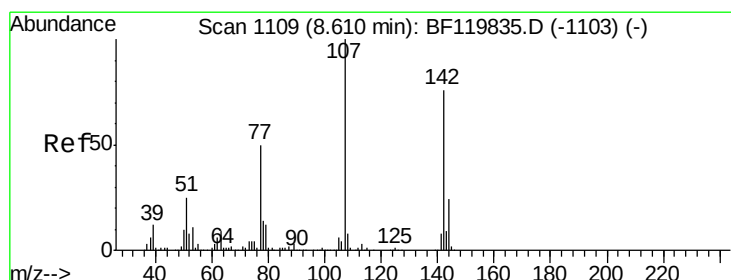
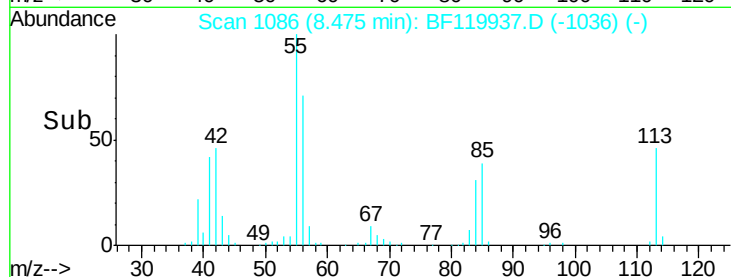
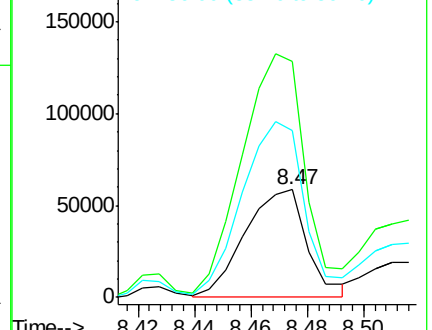
56 154.9 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 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

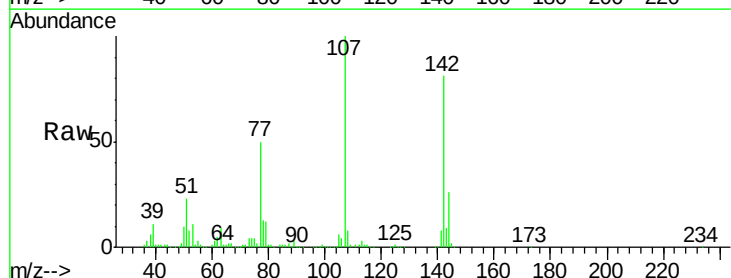
Tgt Ion:107 Resp: 559472

Ion Ratio Lower Upper

107 100

144 26.3 19.5 29.3

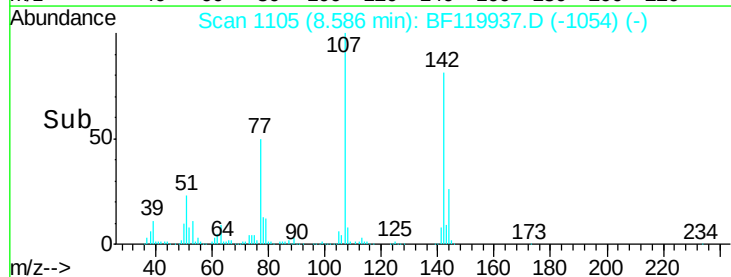
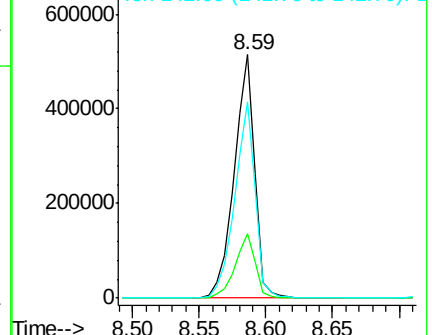
142 80.9 60.5 90.7

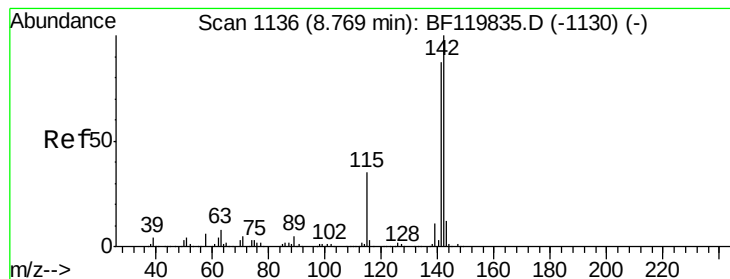


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

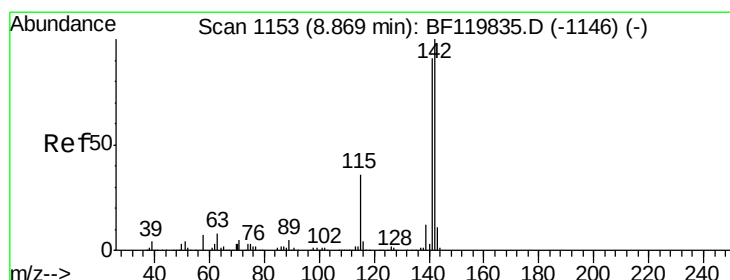
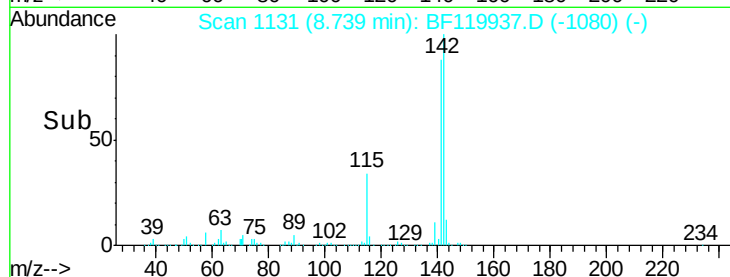
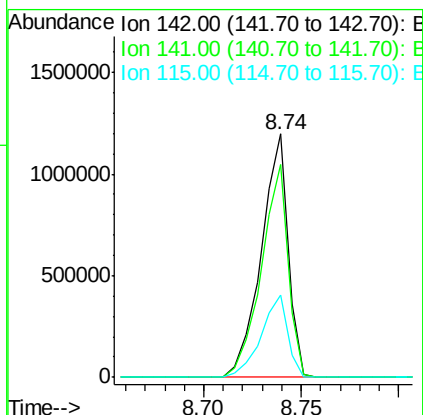
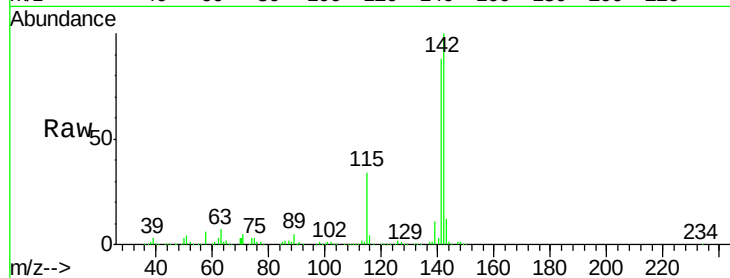




#37
 2-Methylnaphthalene
 Concen: 36.782 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

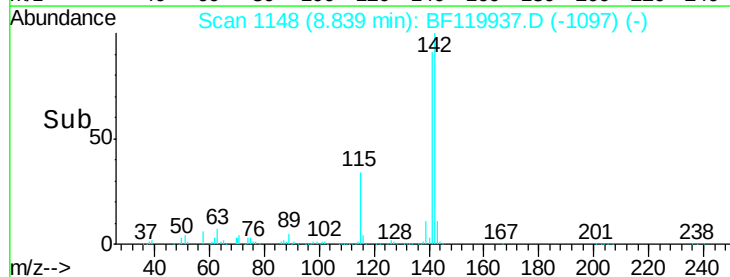
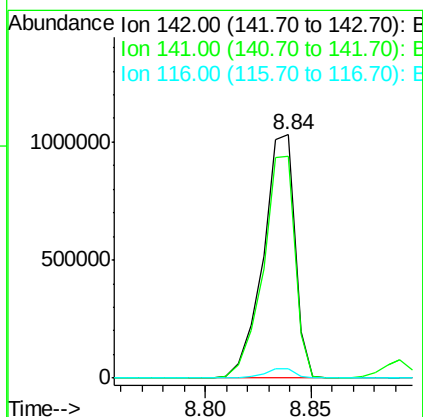
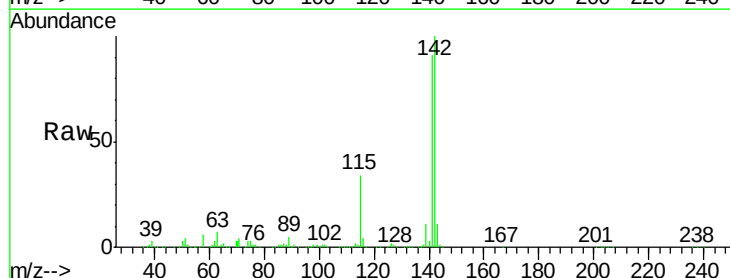
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

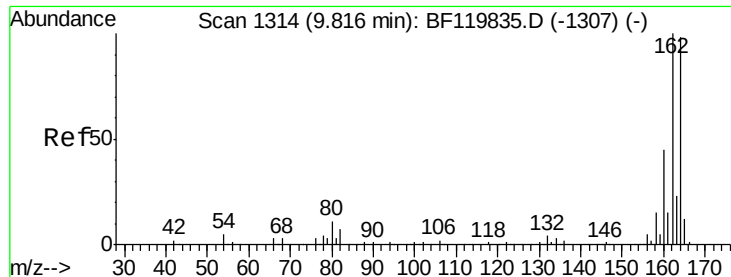
Tot Ion:142 Resp: 1140076
 Ion Ratio Lower Upper
 142 100
 141 87.6 69.9 104.9
 115 33.7 28.0 42.0



#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





#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 :

PB128142BS

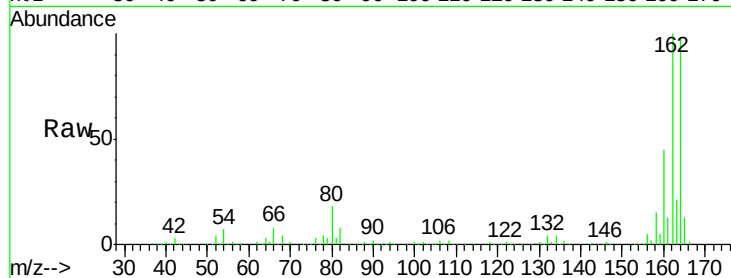
Tot Ion:164 Resp: 467036

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

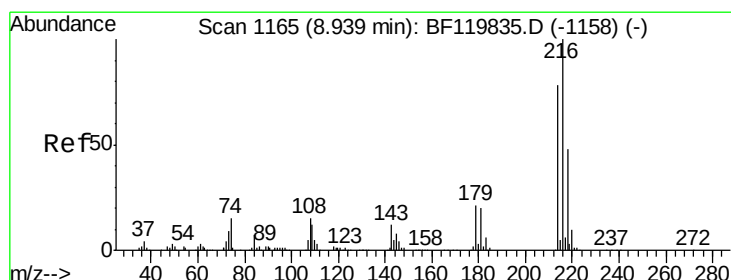
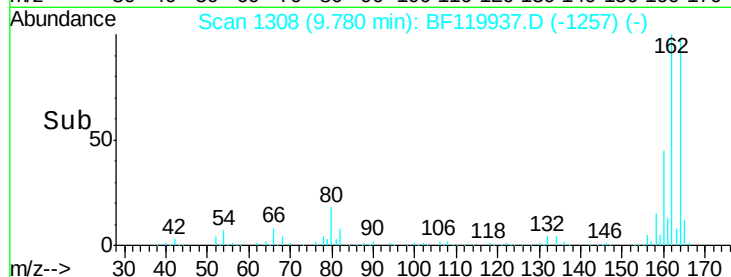
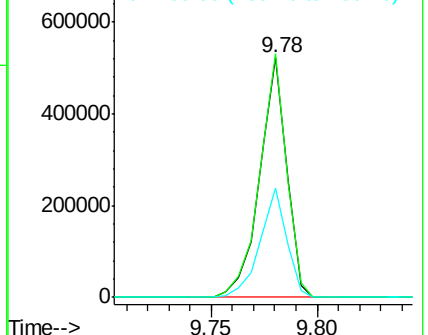
160 45.4 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 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

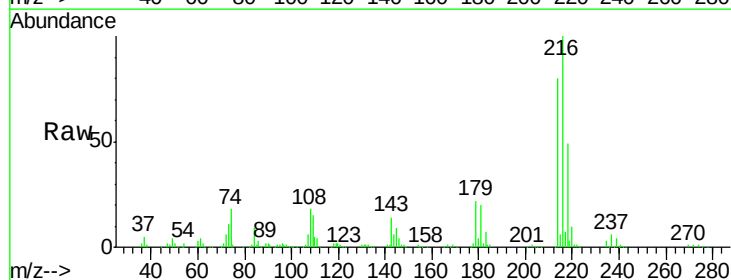
Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 21.1 17.0 25.4

108 20.2 14.8 22.2

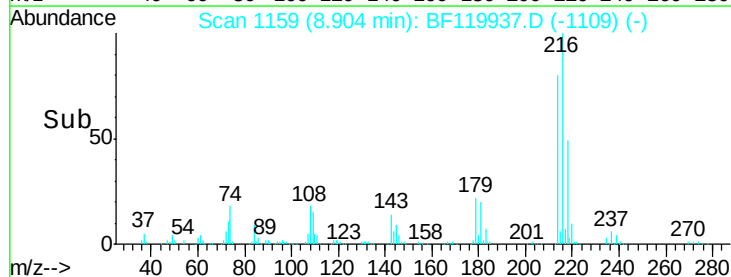
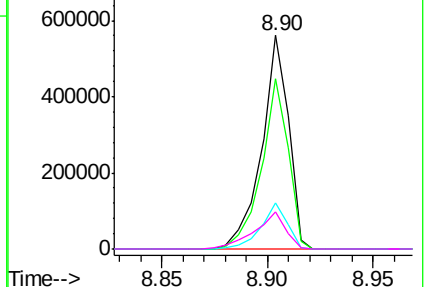


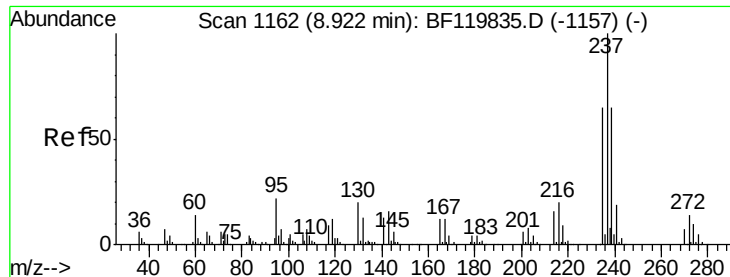
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 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 :

PB128142BS

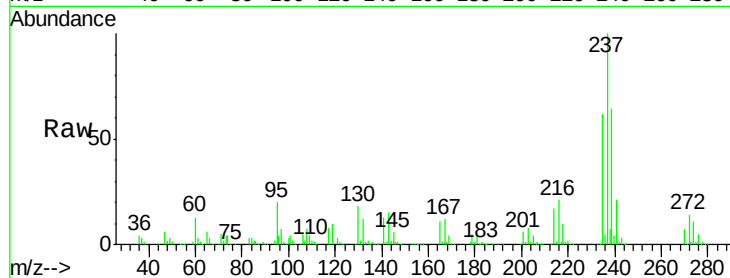
Tot Ion:237 Resp: 563521

Ion Ratio Lower Upper

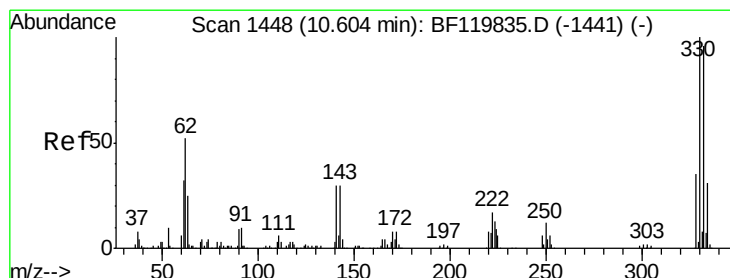
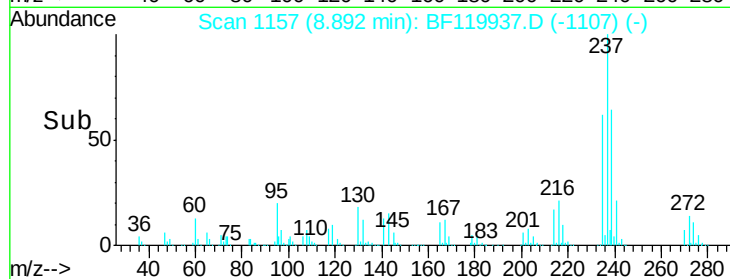
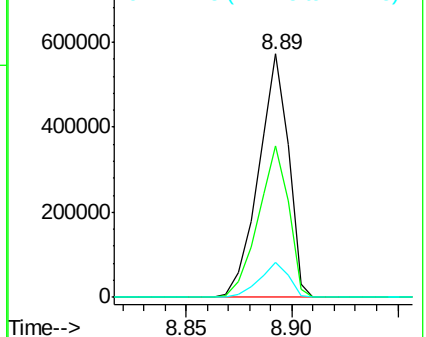
237 100

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

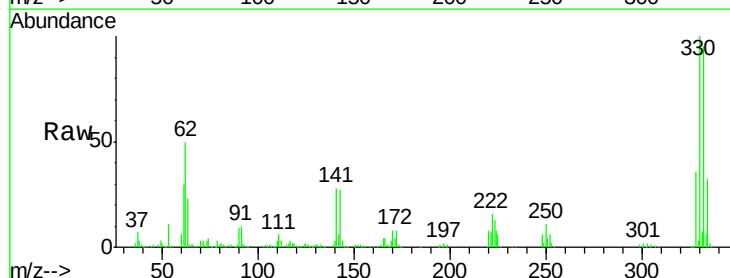
Tgt Ion:330 Resp: 604792

Ion Ratio Lower Upper

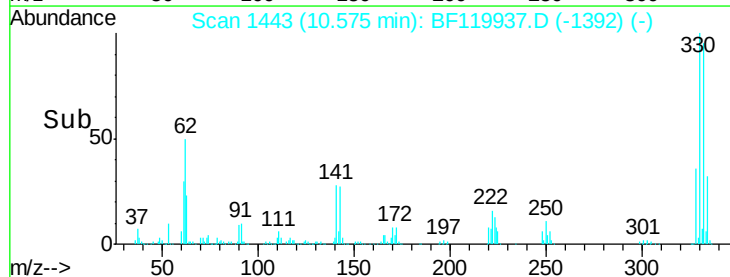
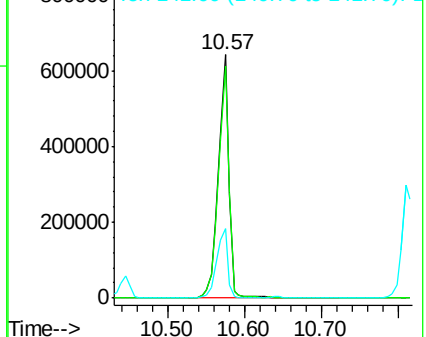
330 100

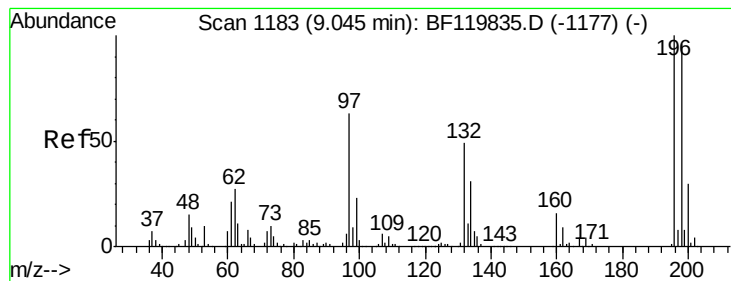
332 96.1 76.8 115.2

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 :

PB128142BS

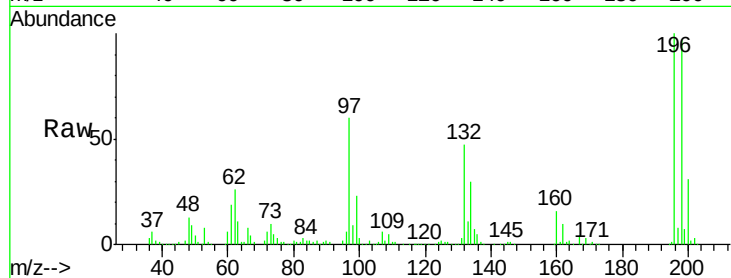
Tot Ion:196 Resp: 378226

Ion Ratio Lower Upper

196 100

198 96.5 76.6 115.0

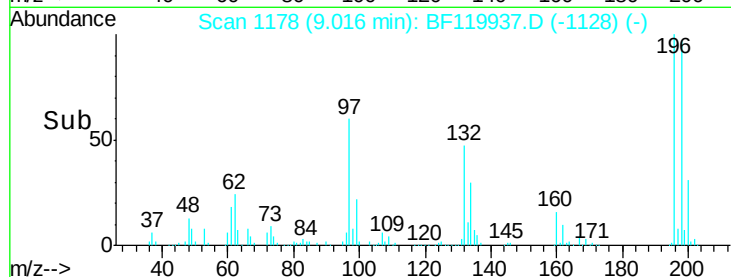
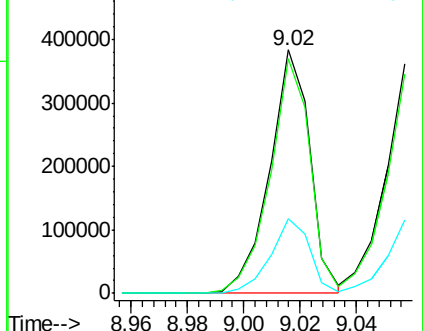
200 30.5 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 36.114 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

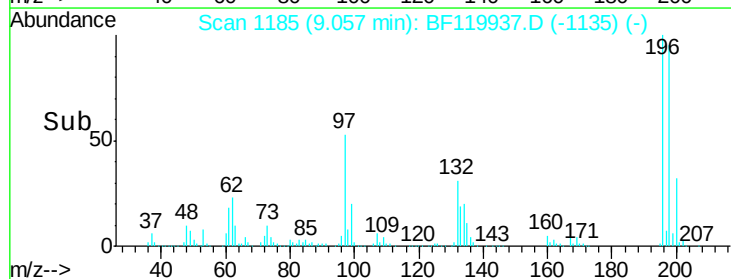
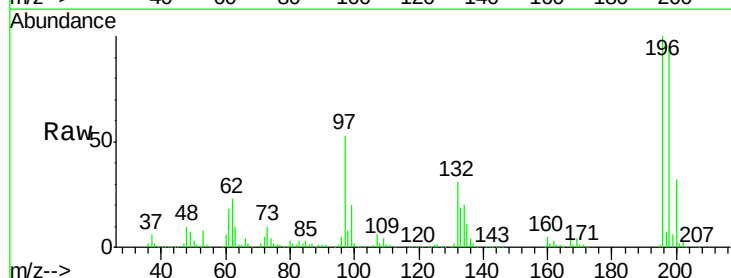
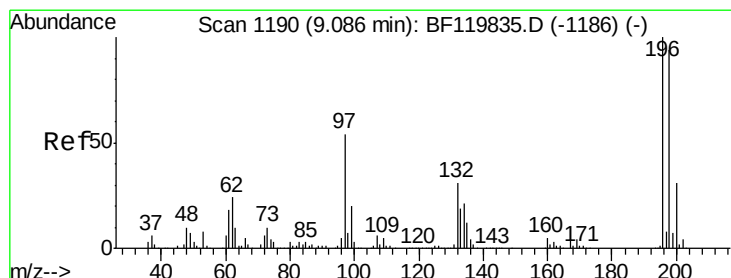
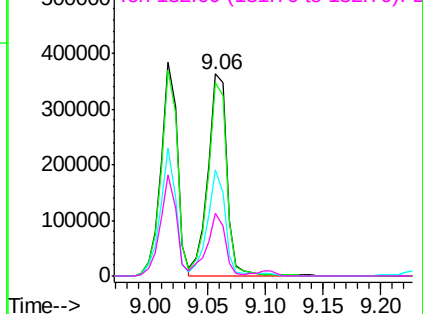
132 31.0 24.5 36.7

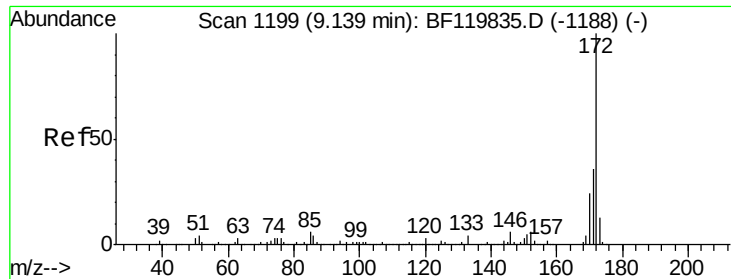
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

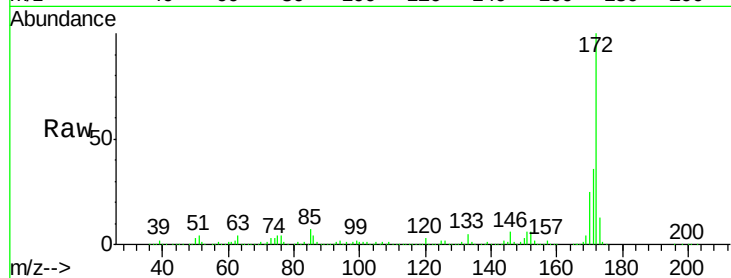




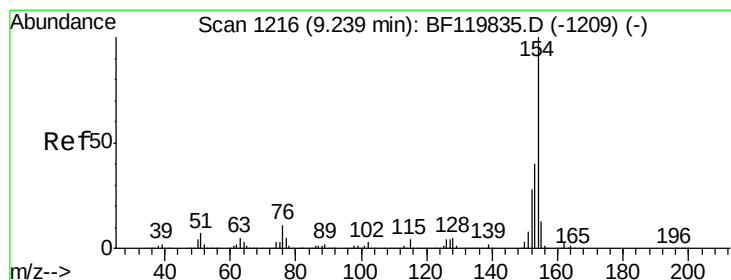
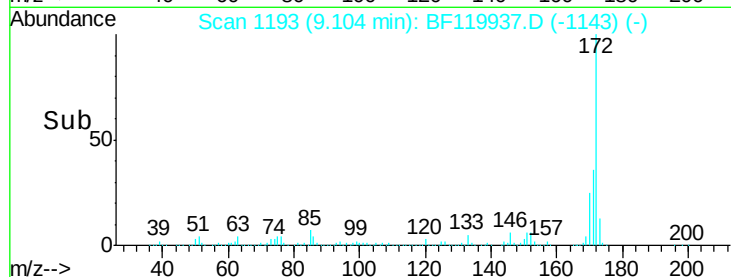
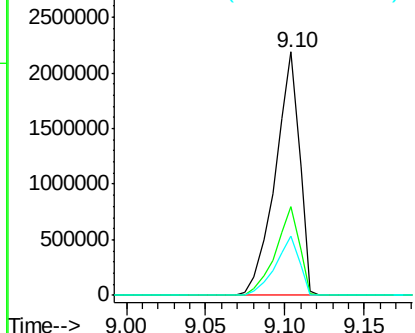
#45
2-Fluorobiphenyl
Concen: 70.667 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

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

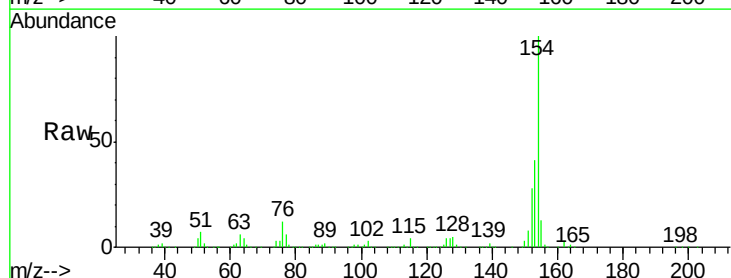


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

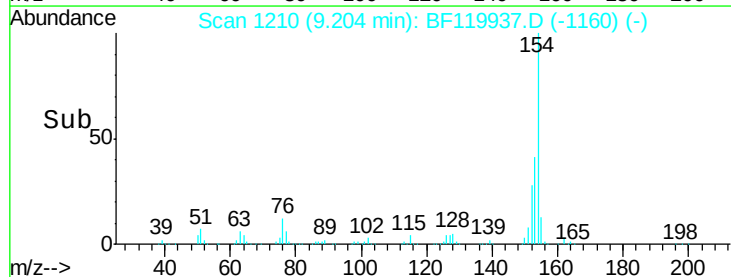
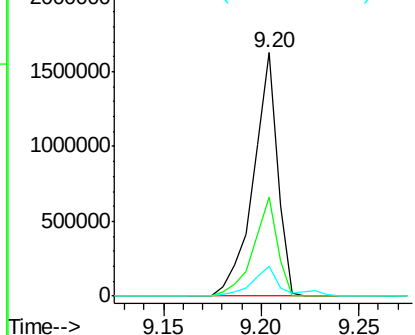


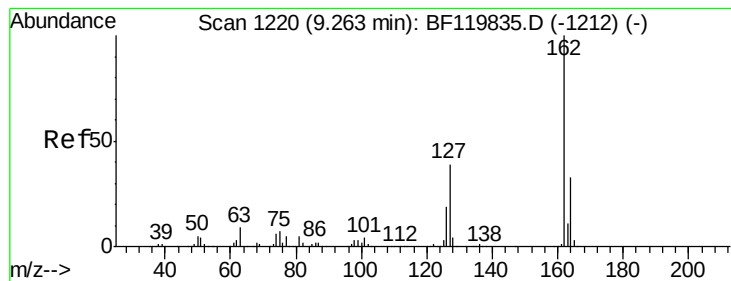
#46
1,1'-Biphenyl
Concen: 35.347 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

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 :

PB128142BS

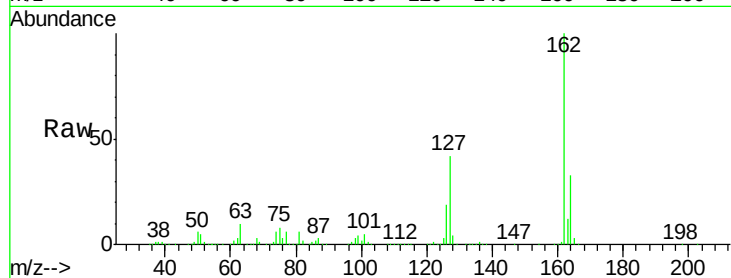
Tot Ion:162 Resp: 1087325

Ion Ratio Lower Upper

162 100

127 41.6 31.2 46.8

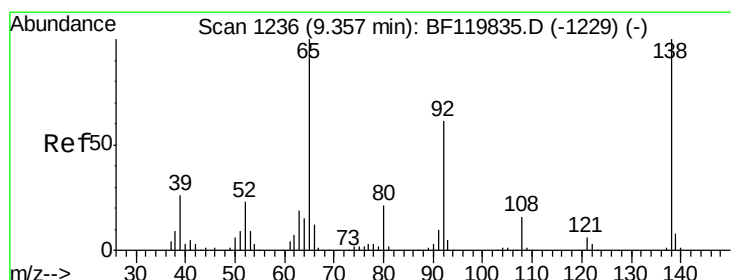
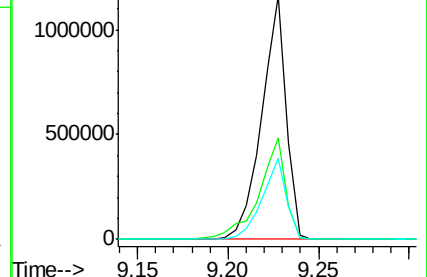
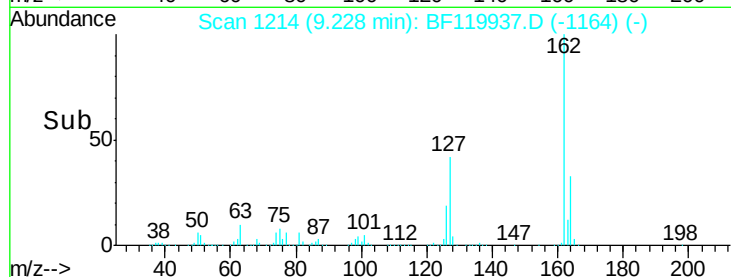
164 33.1 26.3 39.5



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

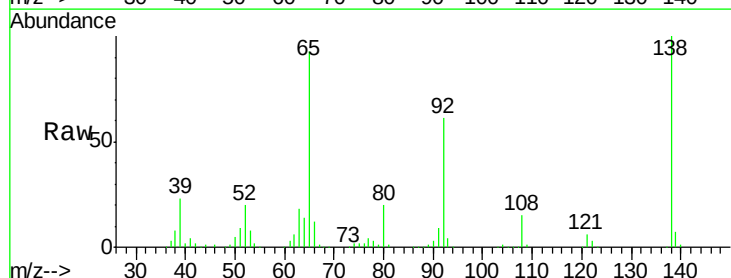
Tgt Ion: 65 Resp: 412905

Ion Ratio Lower Upper

65 100

92 65.4 49.0 73.6

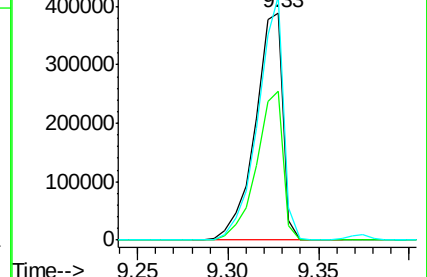
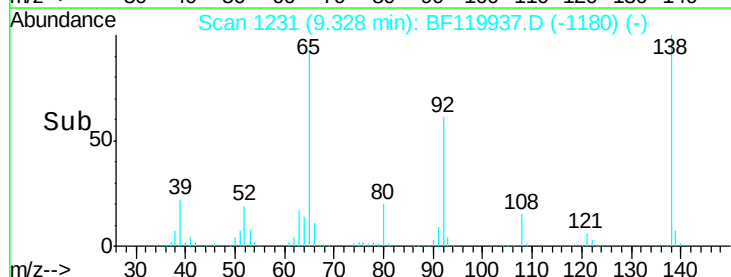
138 107.0 79.7 119.5

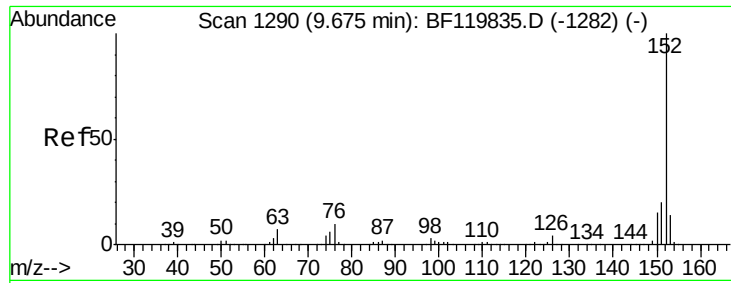


Abundance Ion 65.00 (64.70 to 65.70): BF1

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 :

PB128142BS

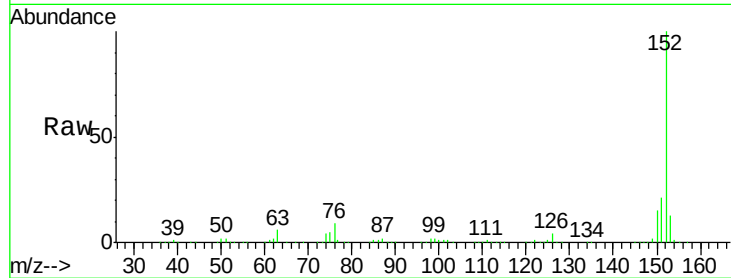
Tot Ion:152 Resp: 1740163

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

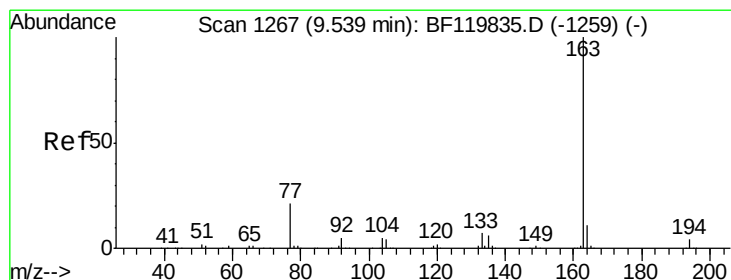
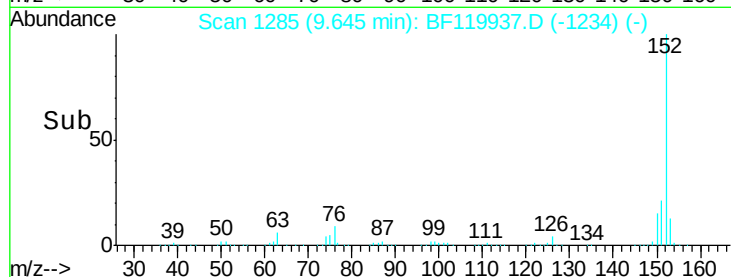
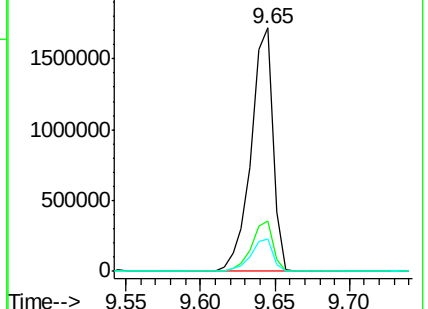
153 13.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 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

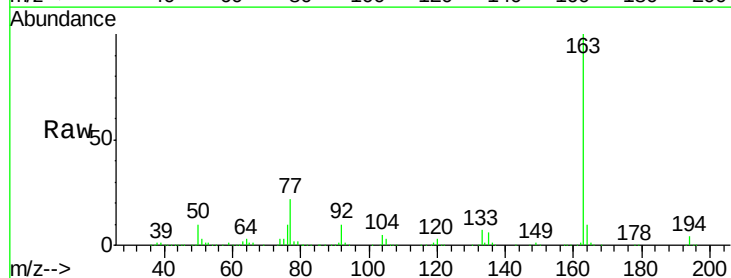
Tgt Ion:163 Resp: 1337242

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

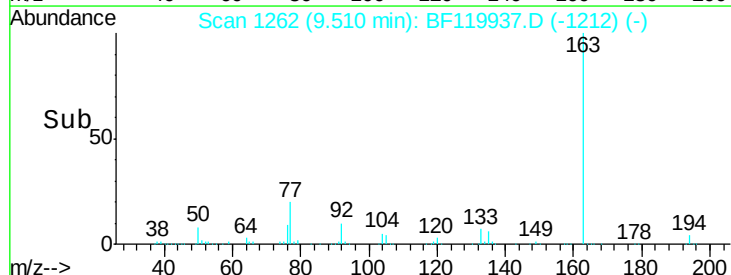
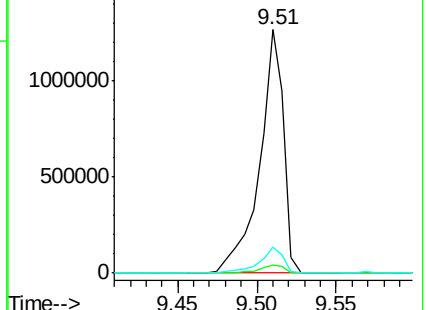
164 10.5 8.4 12.6

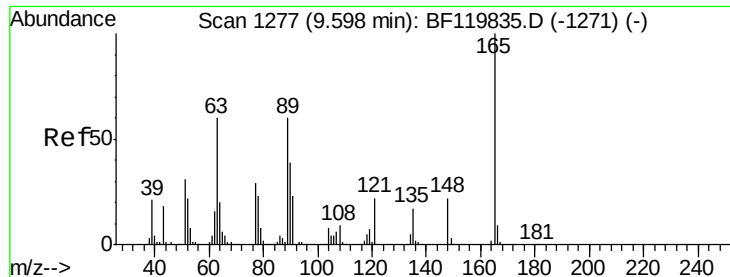


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

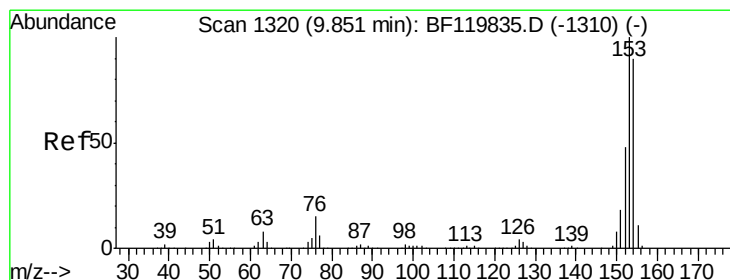
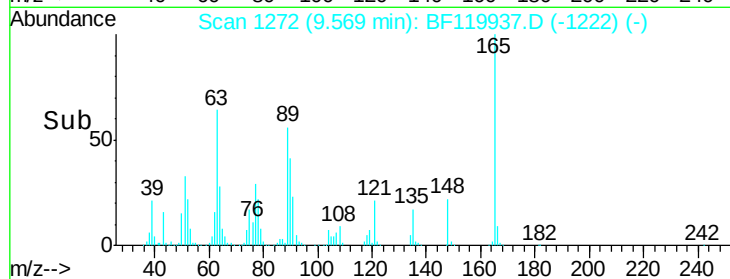
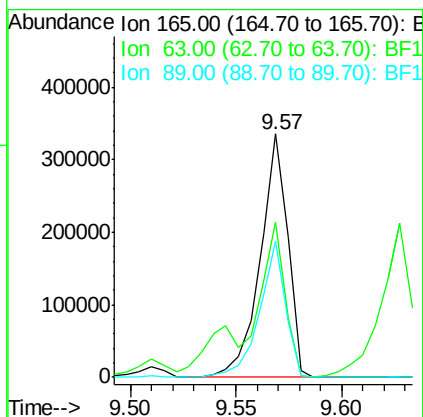
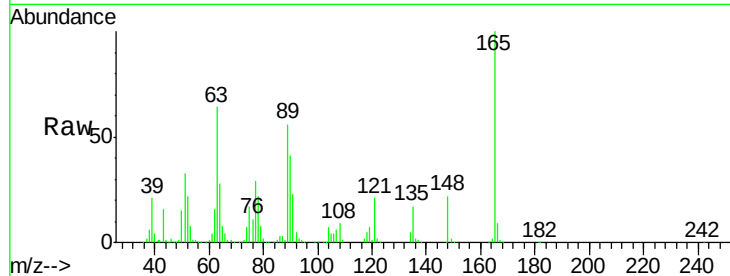




#51
 2,6-Dinitrotoluene
 Concen: 38.388 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

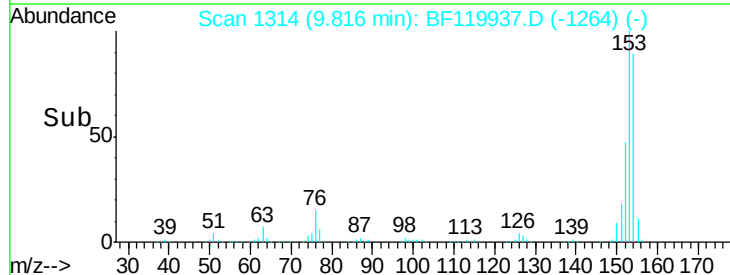
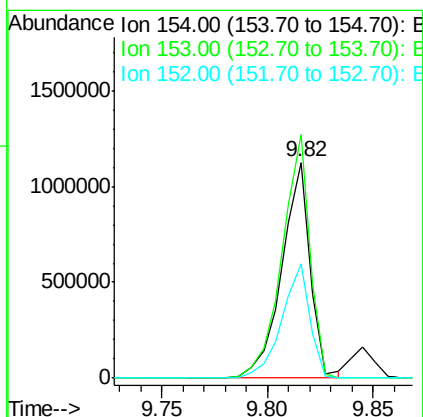
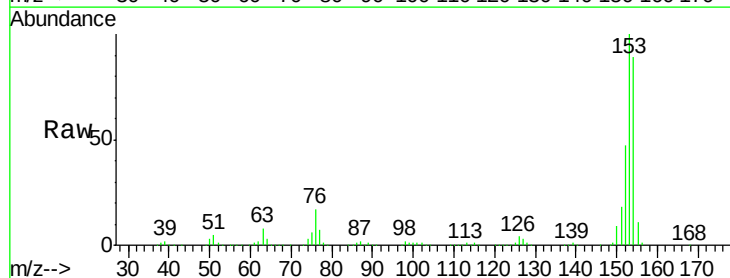
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

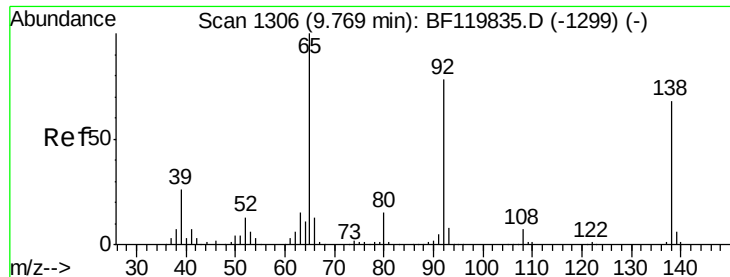
Tot Ion:165 Resp: 303672
 Ion Ratio Lower Upper
 165 100
 63 63.5 55.6 83.4
 89 56.0 47.9 71.9



#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

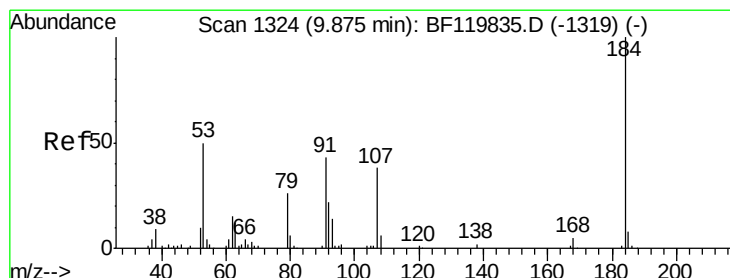
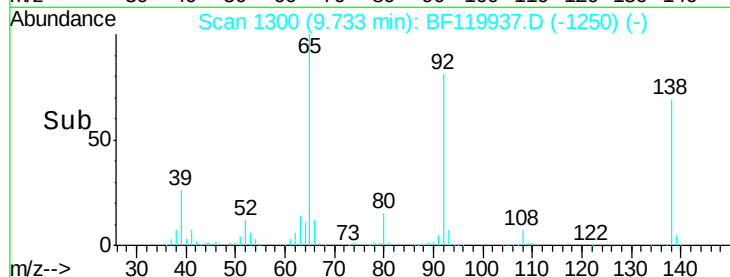
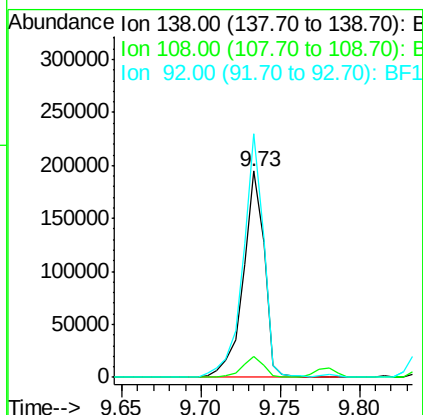
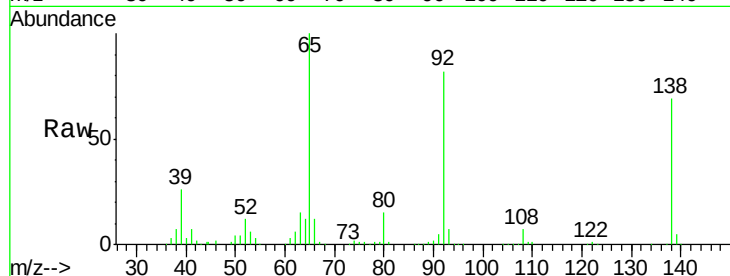




#53
 3-Nitroaniline
 Concen: 19.728 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

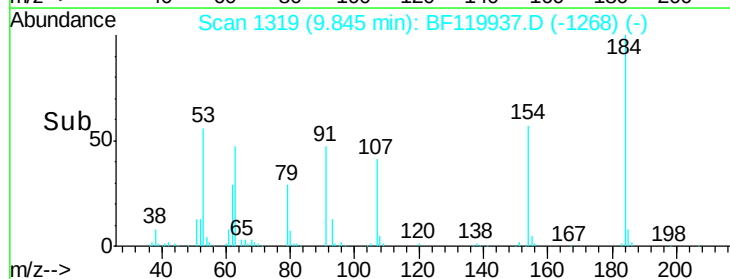
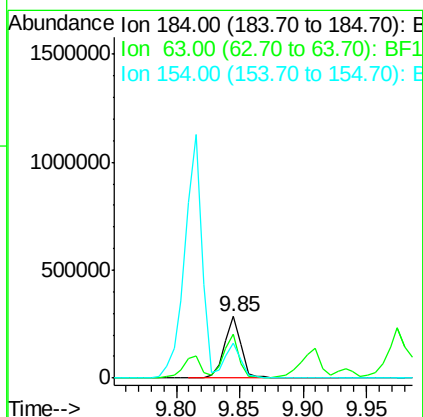
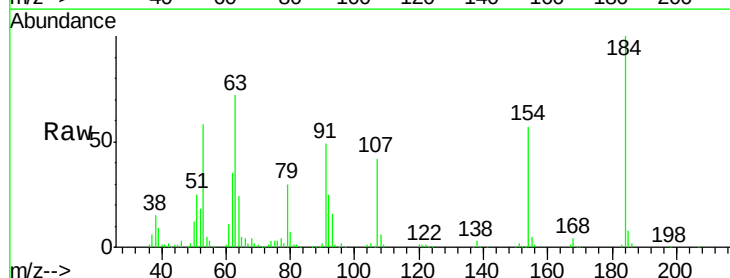
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

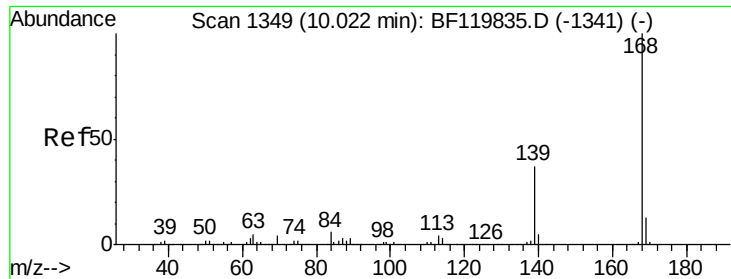
Tot Ion:138 Resp: 178237
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.0 12.0
 92 118.2 92.1 138.1



#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

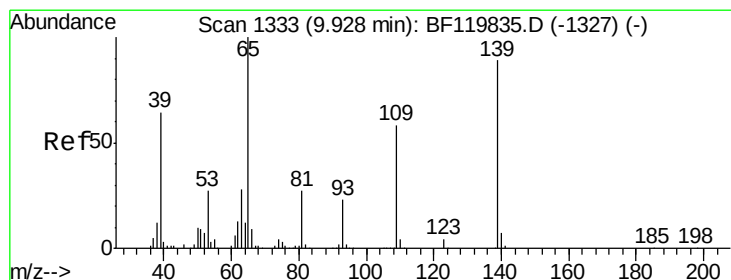
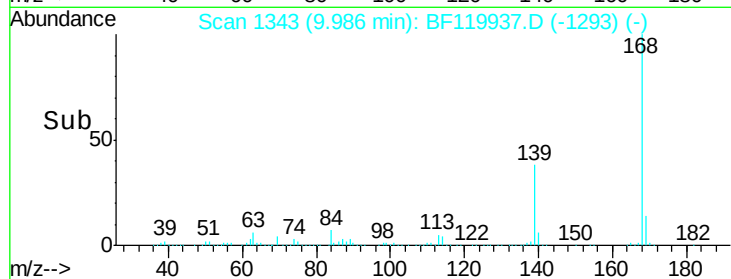
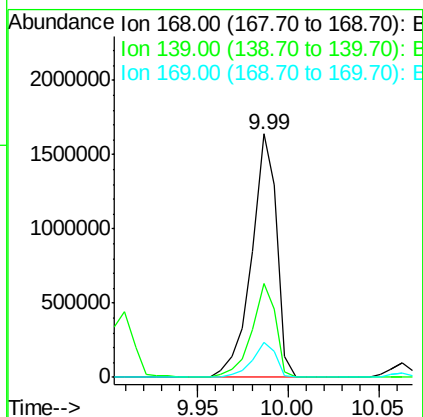
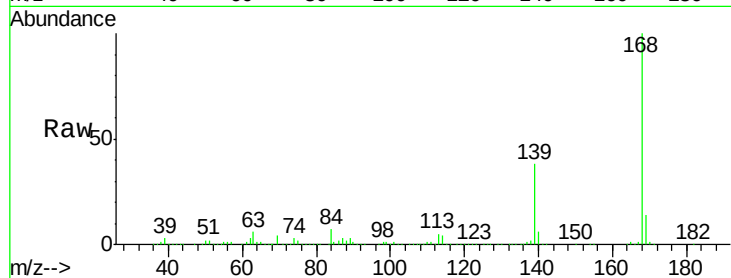




#55
Dibenzofuran
Concen: 37.135 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

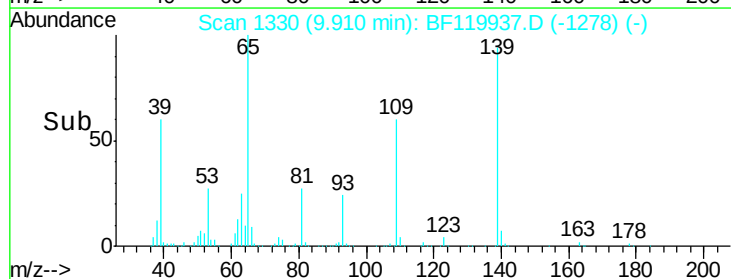
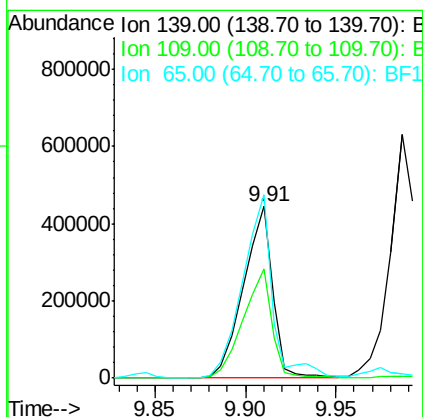
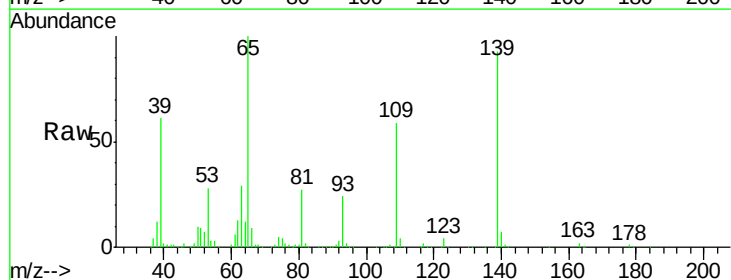
Instrument :
BNA_F
ClientSampleId :
PB128142BS

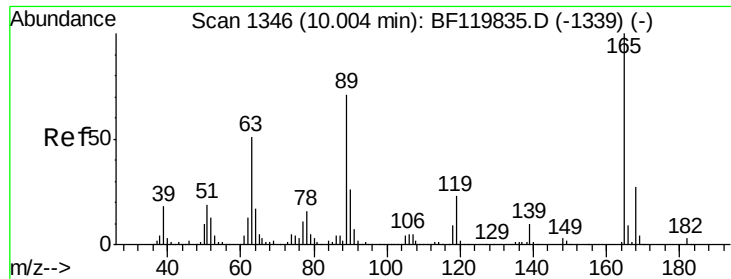
Tot Ion:168 Resp: 1569875
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 14.1 10.6 15.8



#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

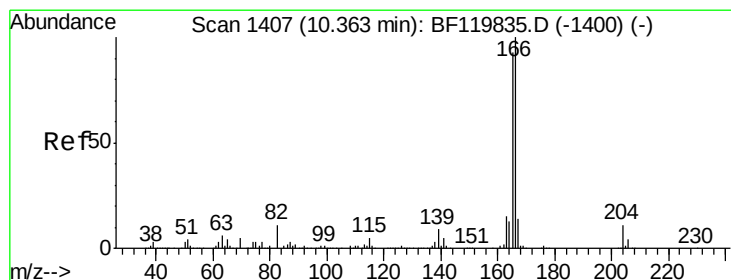
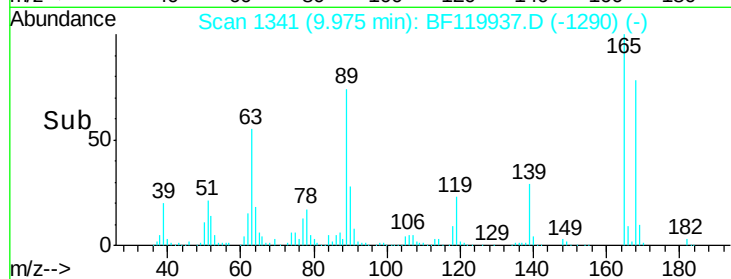
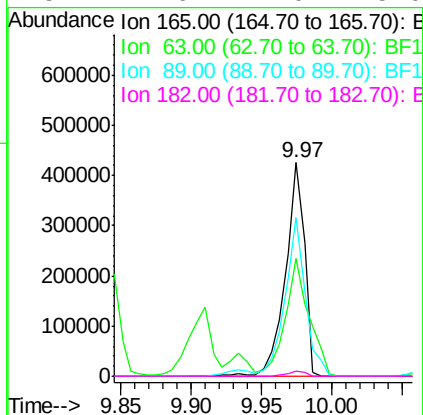
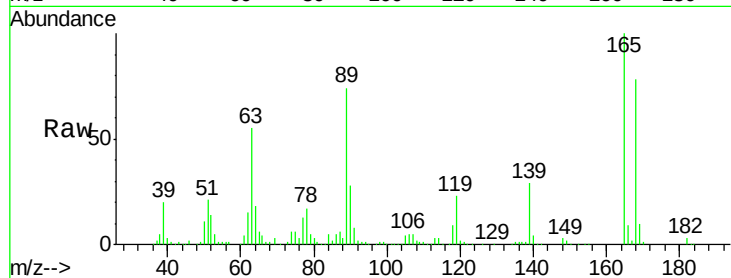




#57
 2,4-Dinitrotoluene
 Concen: 38.565 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

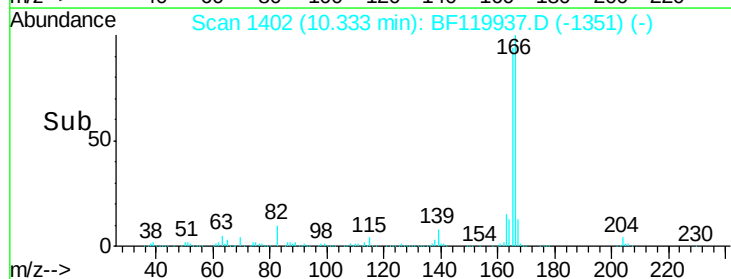
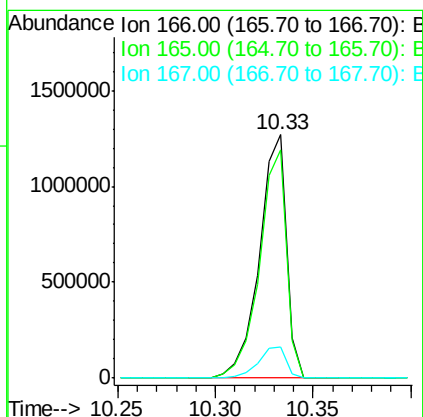
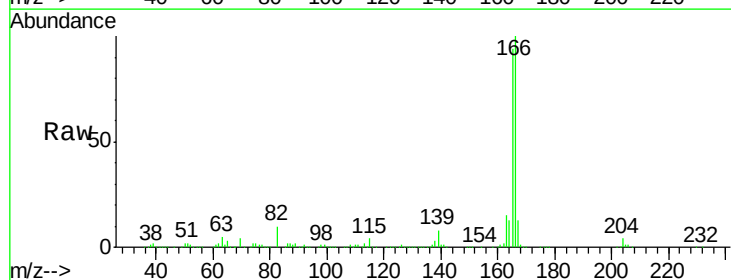
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

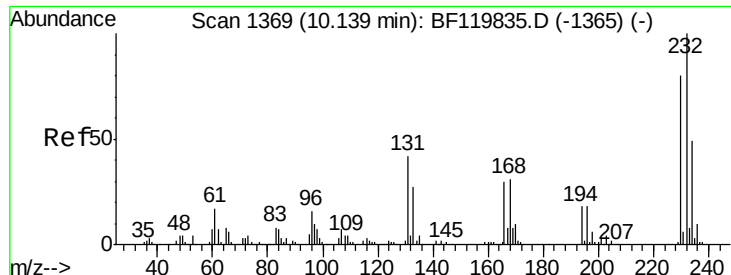
Tot Ion:165	Resp:	401942
Ion Ratio	Lower	Upper
165	100	
63	55.3	40.8 61.2
89	74.3	56.9 85.3
182	2.6	2.0 3.0



#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

ClientSampled :

PB128142BS

Tot Ion:232 Resp: 351984

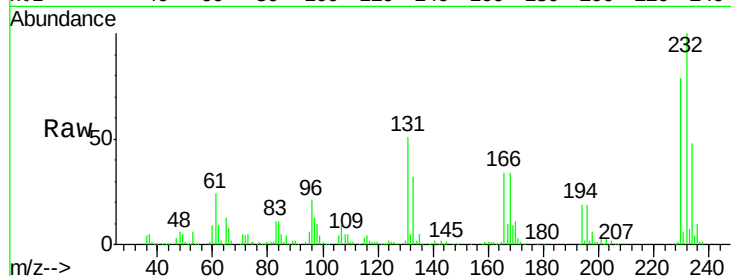
Ion Ratio Lower Upper

232 100

131 45.2 37.9 56.9

130 2.1 1.8 2.6

166 30.2 25.4 38.0

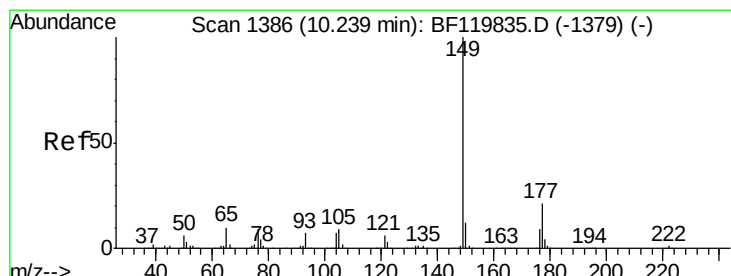
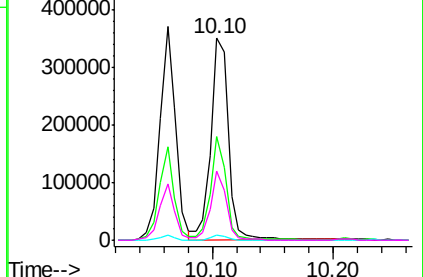
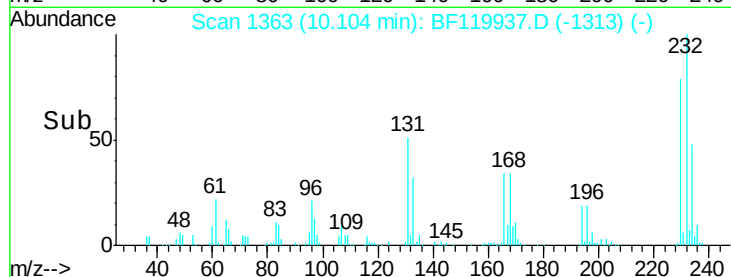


Abundance Ion 232.00 (231.70 to 232.70): E

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

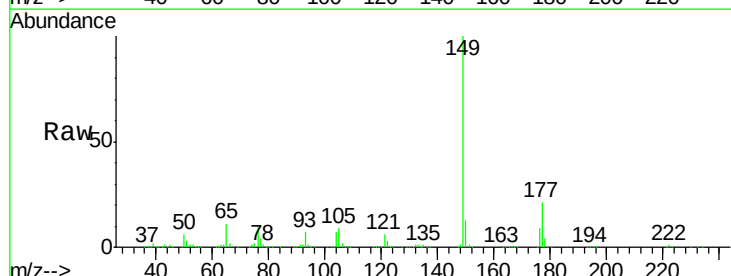
Tgt Ion:149 Resp: 1384821

Ion Ratio Lower Upper

149 100

177 21.1 16.8 25.2

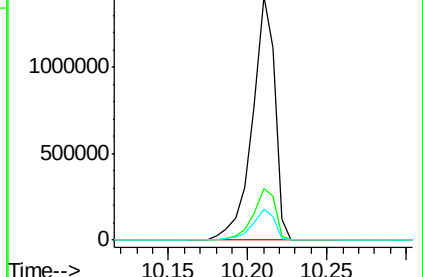
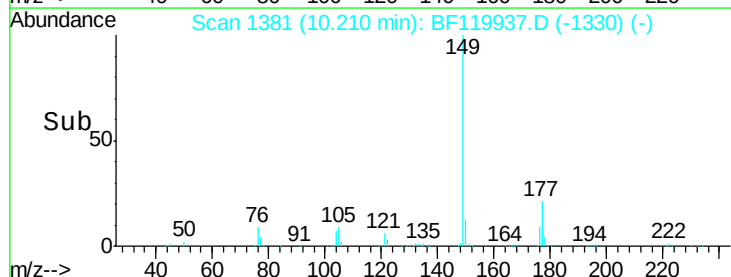
150 12.7 9.8 14.6

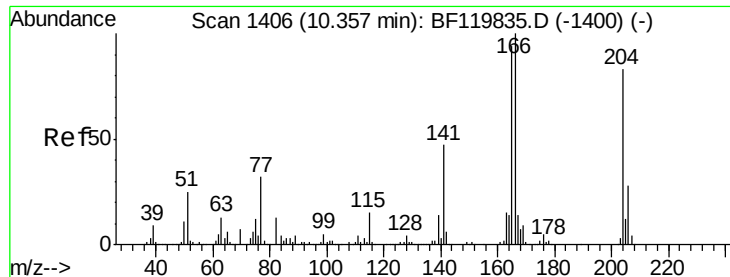


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

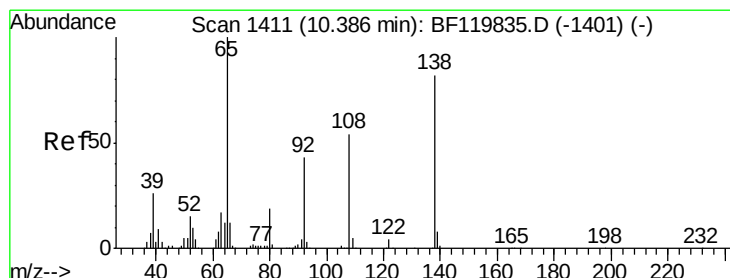
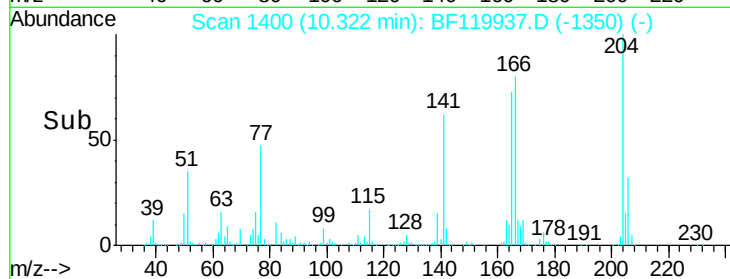
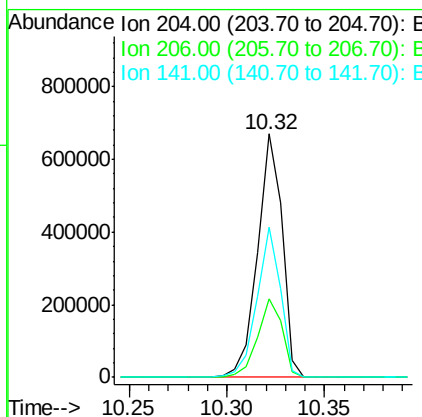
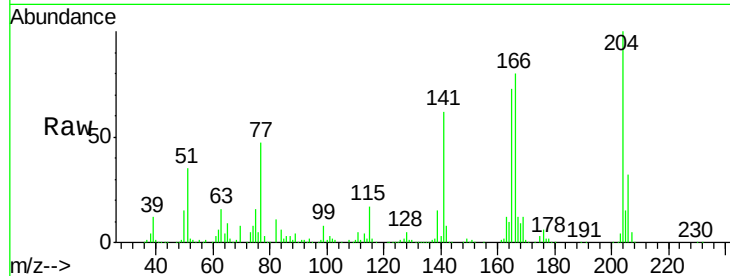




#61
 4-Chlorophenyl-phenylether
 Concen: 33.794 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

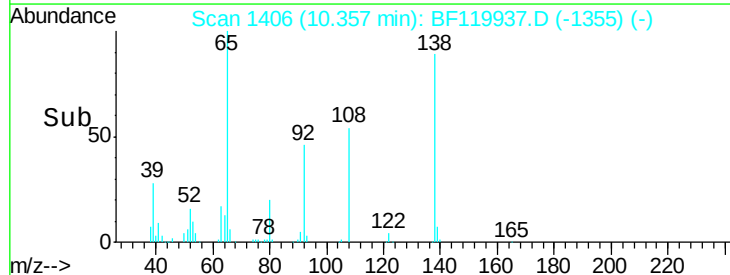
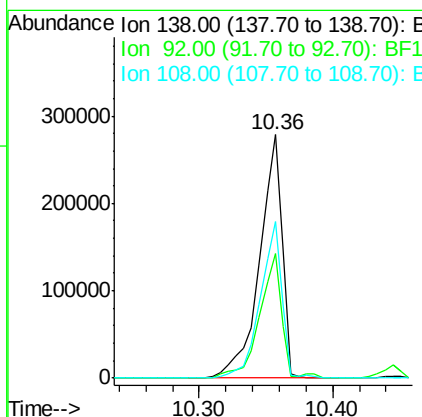
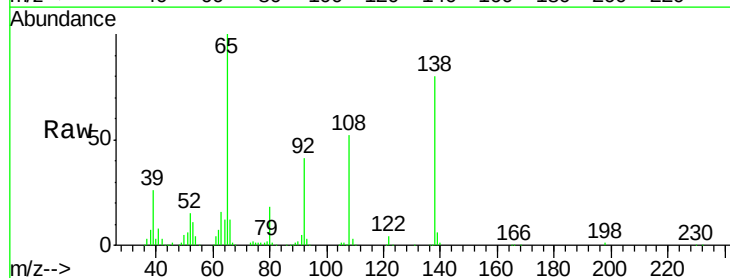
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

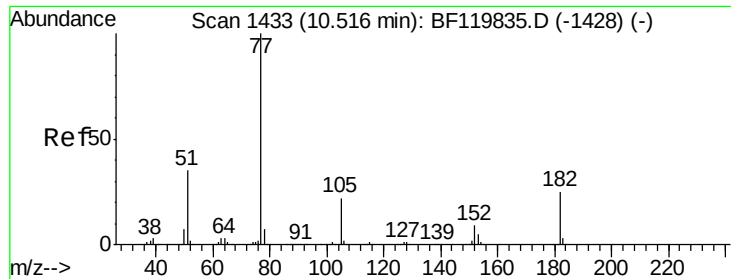
Tot Ion:	204	Resp:	585605
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	61.7	45.8	68.8



#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

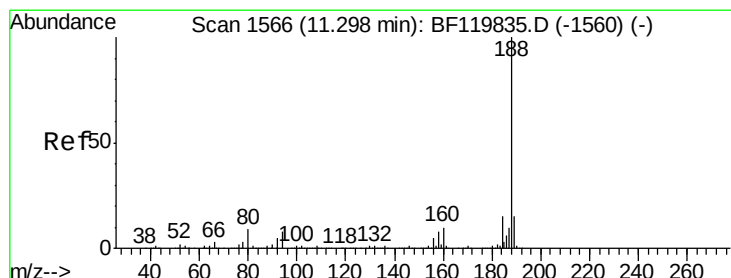
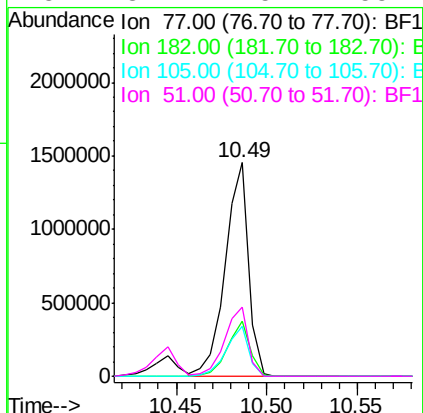
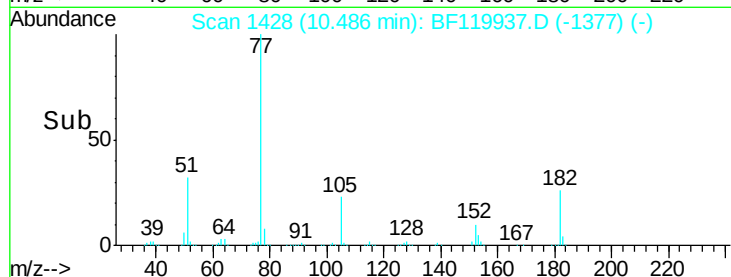
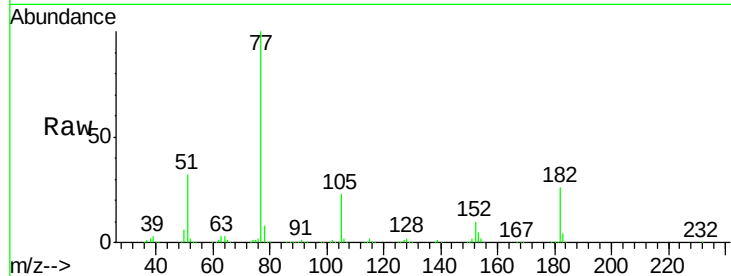




#63
Azobenzene
Concen: 38.539 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

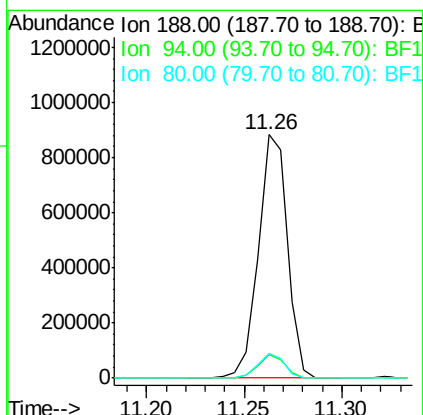
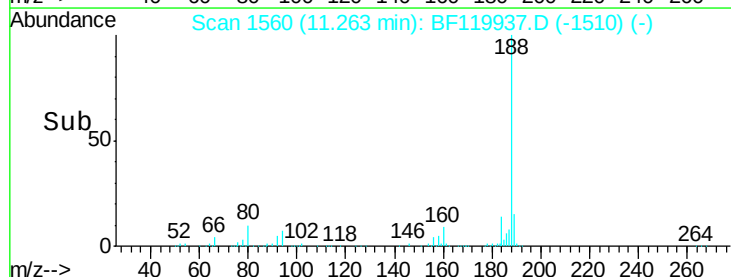
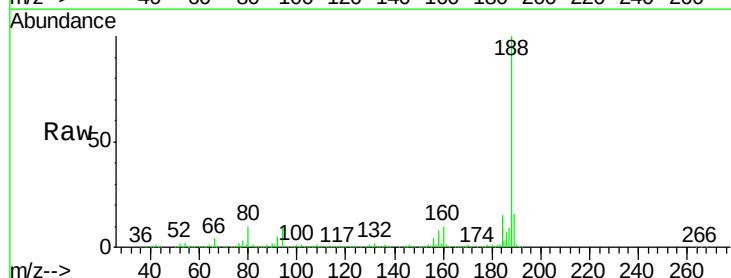
Instrument :
BNA_F
ClientSampleId :
PB128142BS

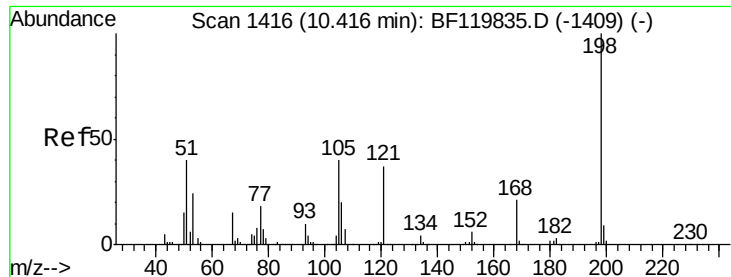
Tot Ion: 77 Resp: 1293118
Ion Ratio Lower Upper
77 100
182 26.0 4.5 44.5
105 23.5 2.2 42.2
51 32.1 15.1 55.1



#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

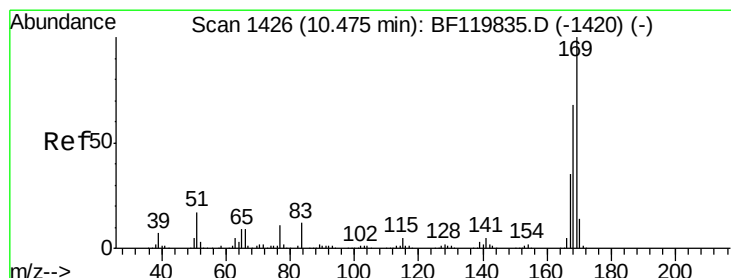
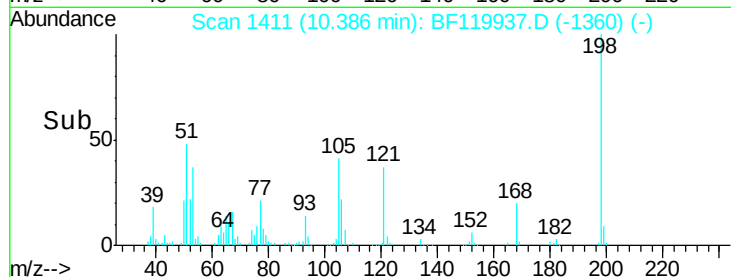
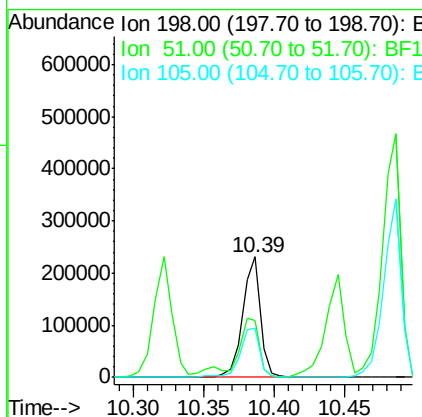
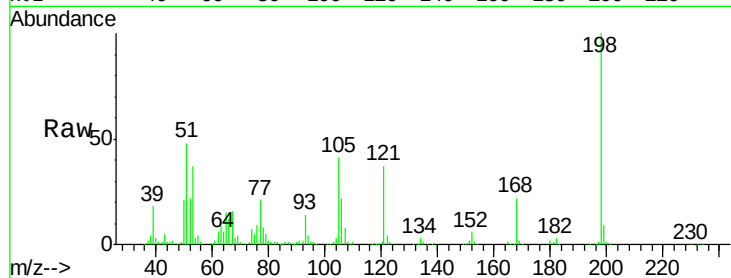




#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.183 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

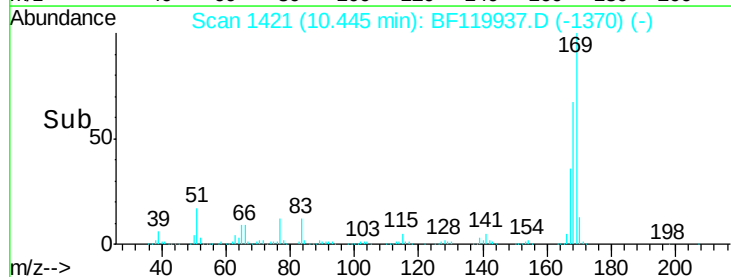
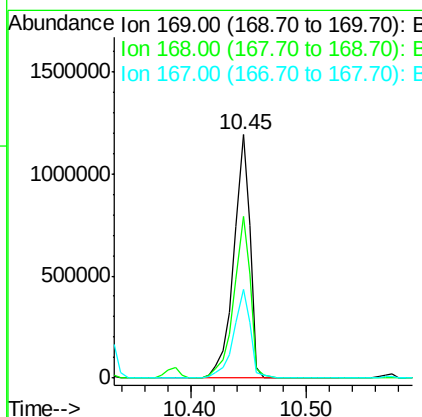
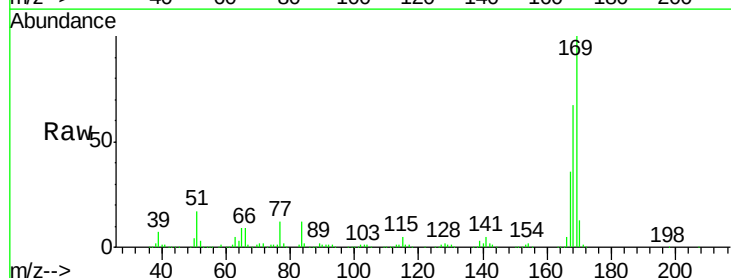
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

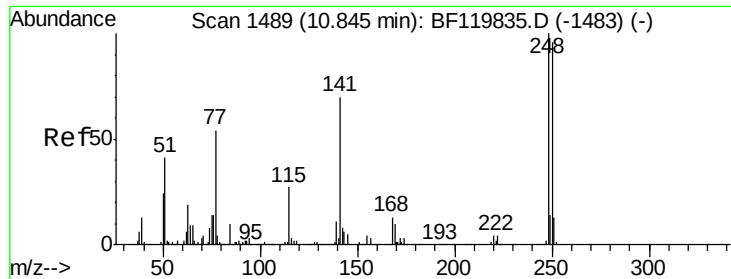
Tot Ion:198 Resp: 203807
 Ion Ratio Lower Upper
 198 100
 51 47.6 25.2 65.2
 105 41.2 20.8 60.8



#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

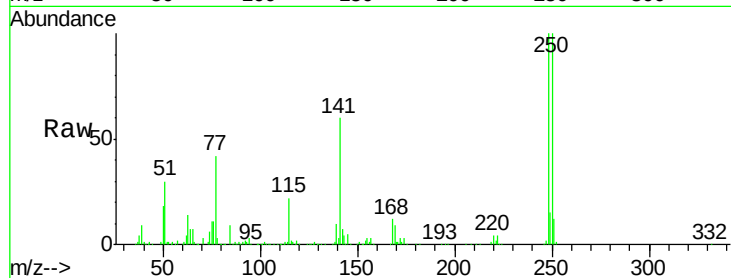




#67
4-Bromophenyl-phenylether
Concen: 35.131 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

Instrument :
BNA_F
ClientSampleId :
PB128142BS

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

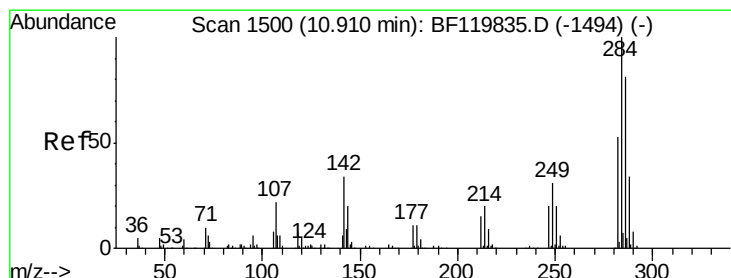
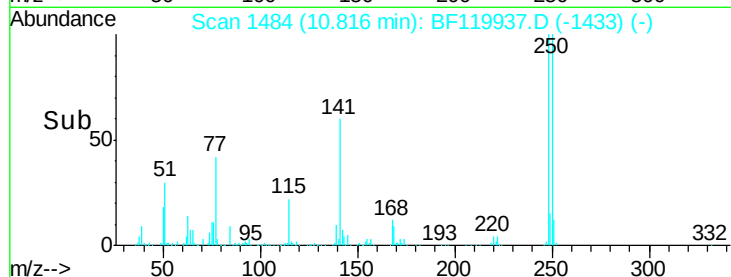
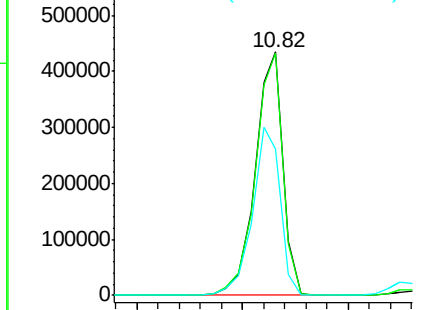


Abundance

Ion 248.00 (247.70 to 248.70): E

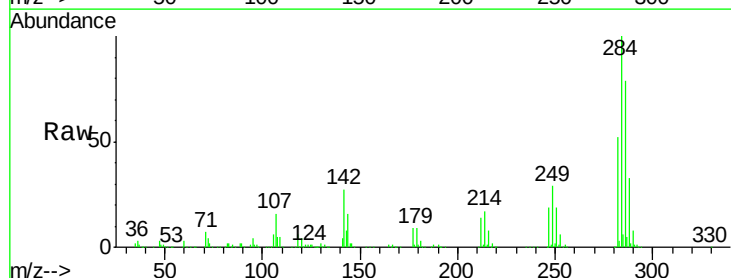
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 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	Ratio	Lower	Upper
284	100		
142	27.3	26.9	40.3
249	29.0	24.6	37.0

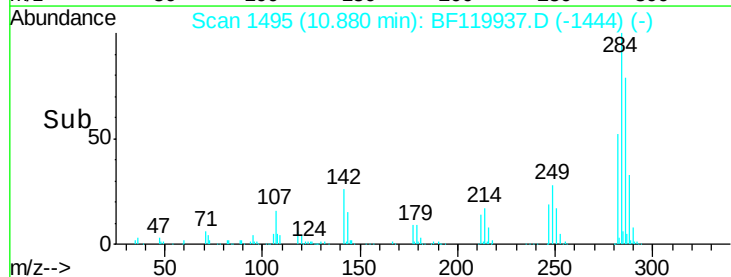
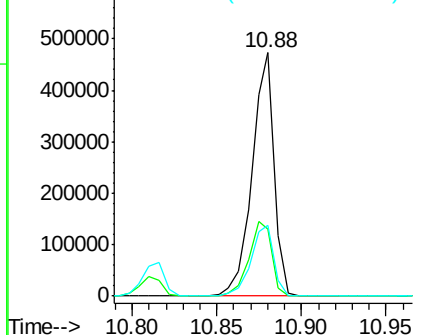


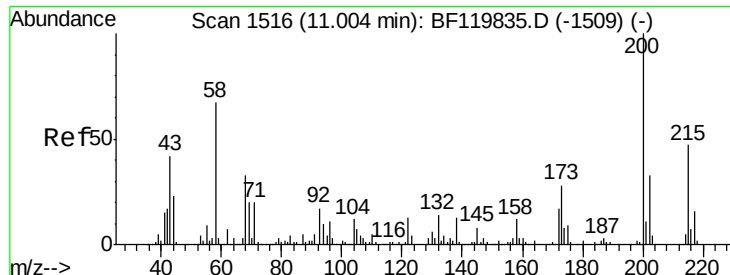
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

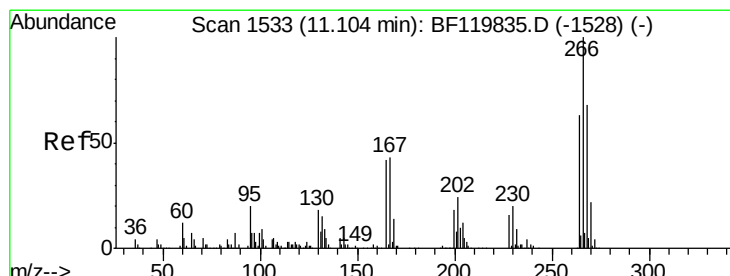
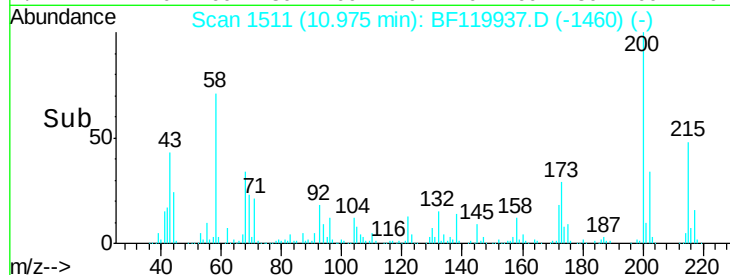
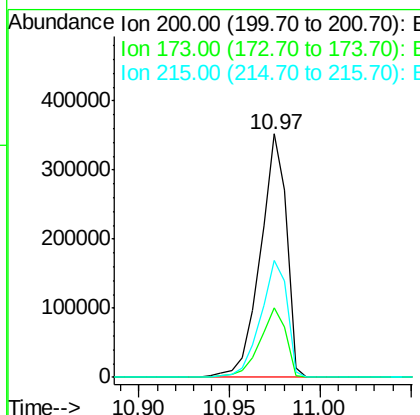
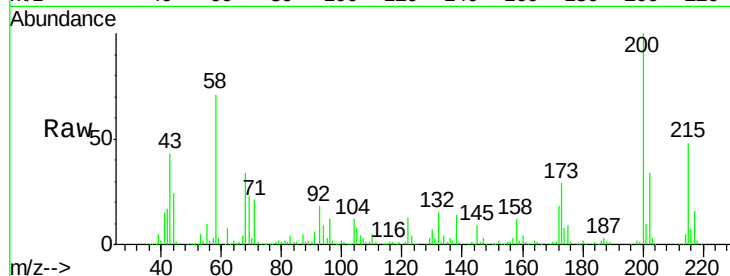




#69
 Atrazine
 Concen: 42.229 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BF119937.D
 Acq: 14 Apr 2020 6:11

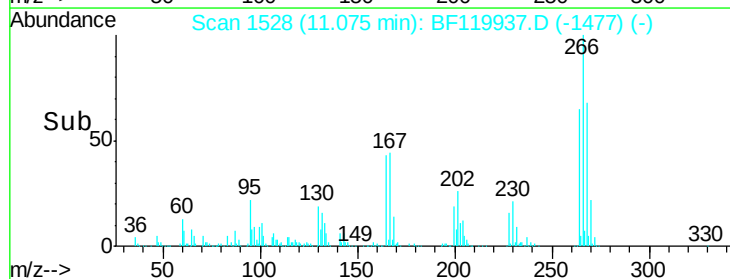
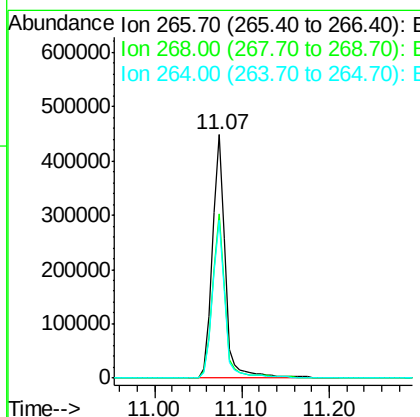
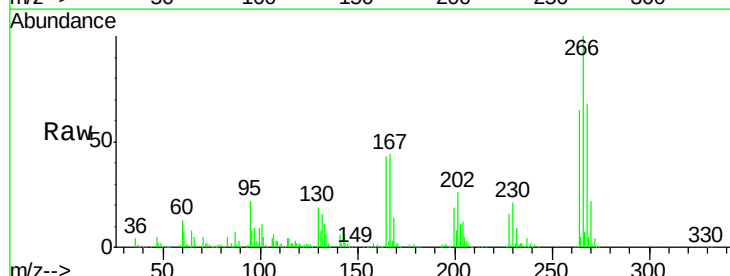
Instrument :
 BNA_F
 ClientSampleId :
 PB128142BS

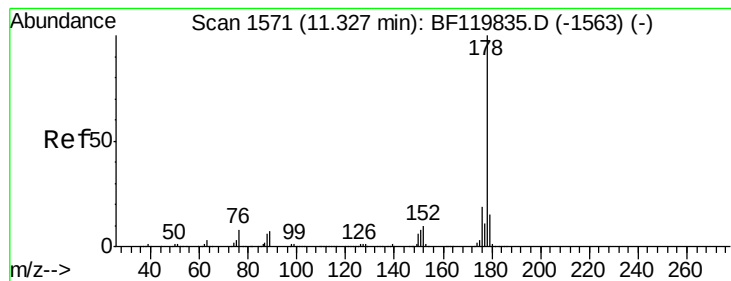
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.0	48.0
215	48.1	27.1	67.1



#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 :

PB128142BS

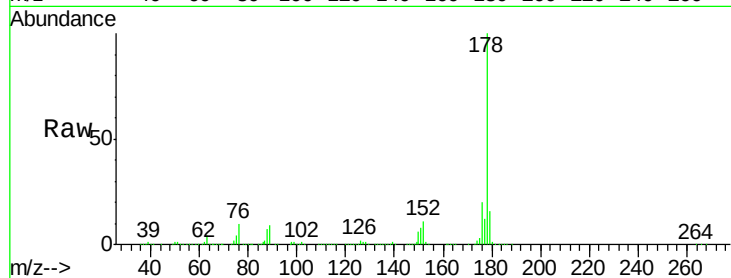
Tot Ion:178 Resp: 1827432

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

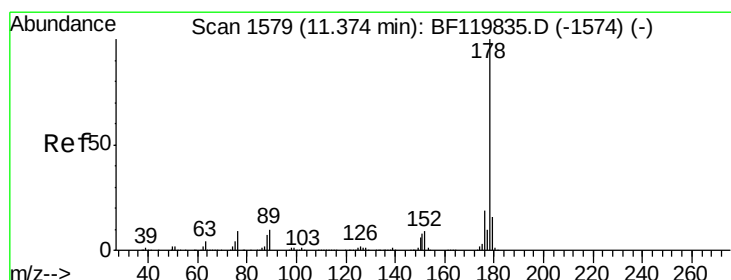
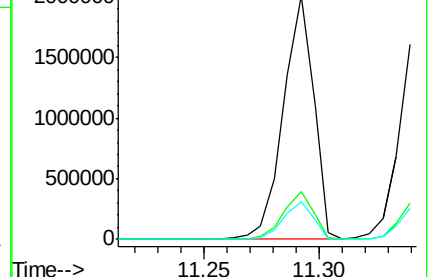
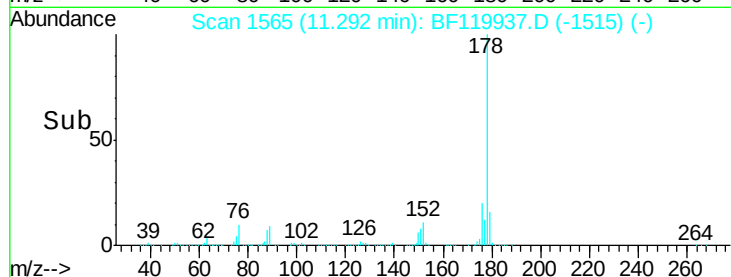
179 15.7 12.2 18.4



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

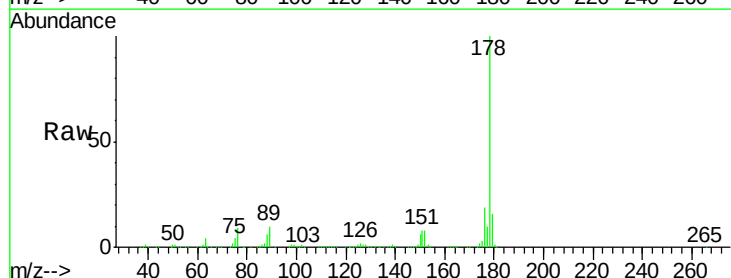
Tgt Ion:178 Resp: 1883740

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

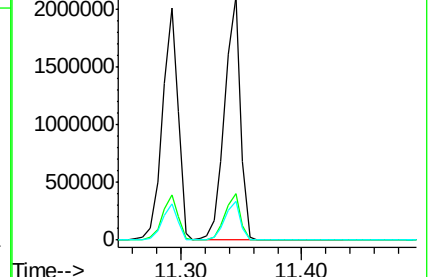
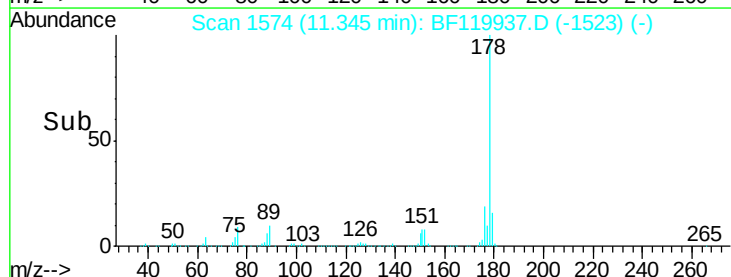
179 15.9 12.8 19.2

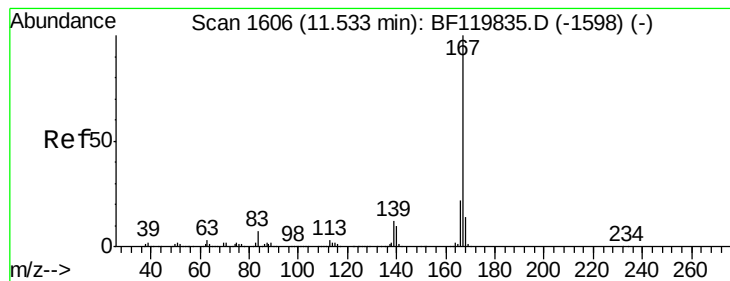


Abundance Ion 178.00 (177.70 to 178.70): E

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

ClientSampleId :

PB128142BS

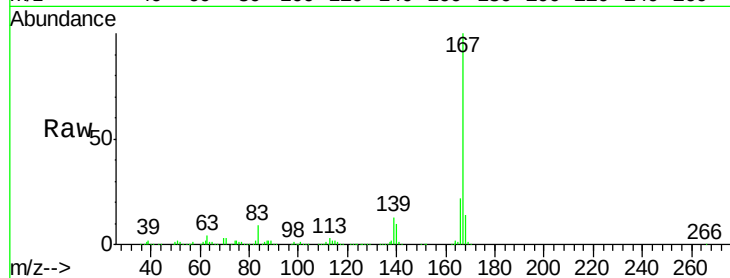
Tot Ion:167 Resp: 1750556

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

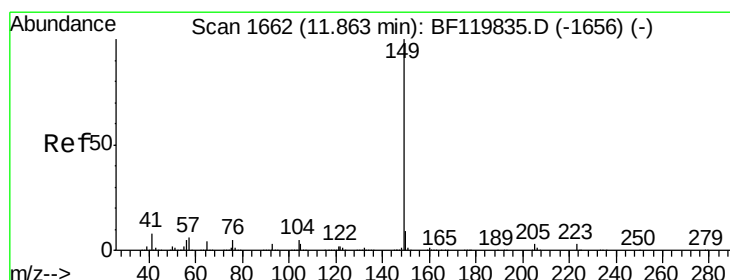
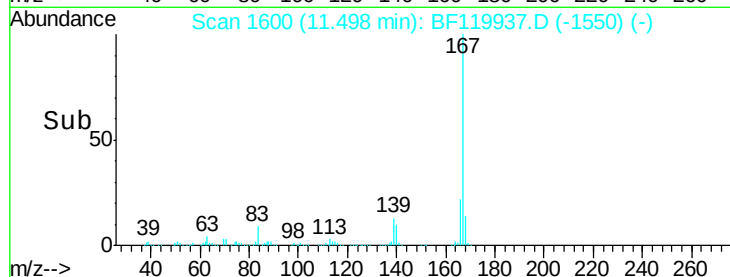
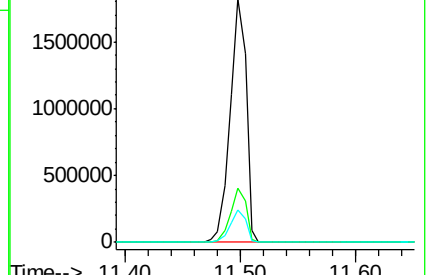
139 13.4 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 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

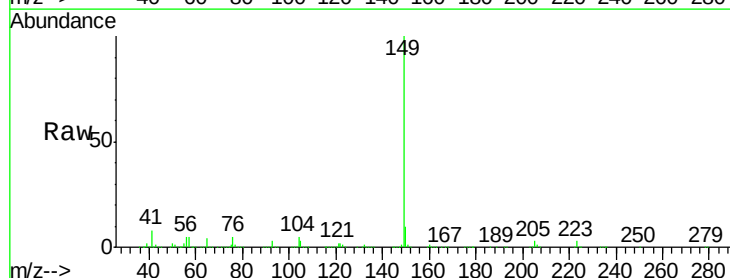
Tgt Ion:149 Resp: 2193127

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

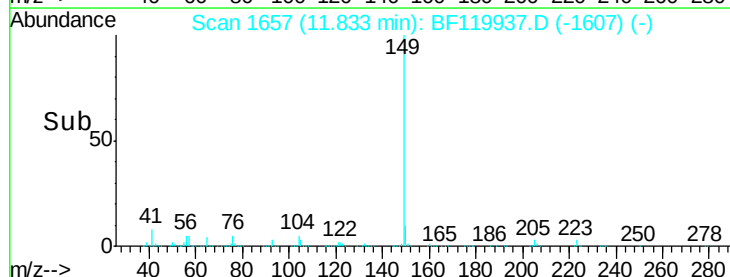
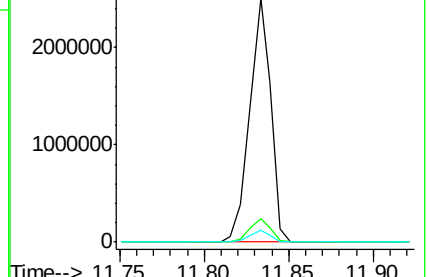
104 4.8 3.8 5.6

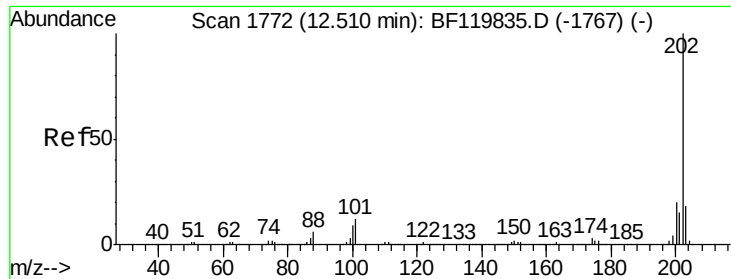


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#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

ClientSampleId :

PB128142BS

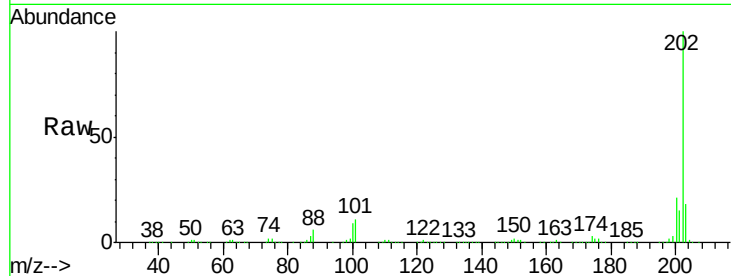
Tot Ion:202 Resp: 2014898

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.3

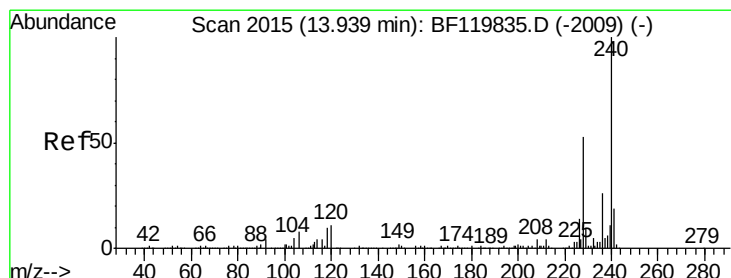
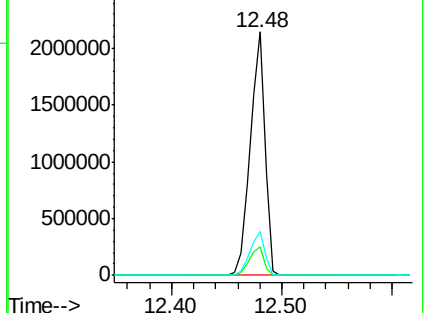
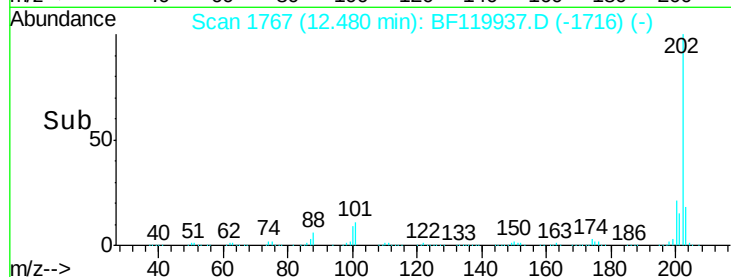
203 18.1 0.0 37.6



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

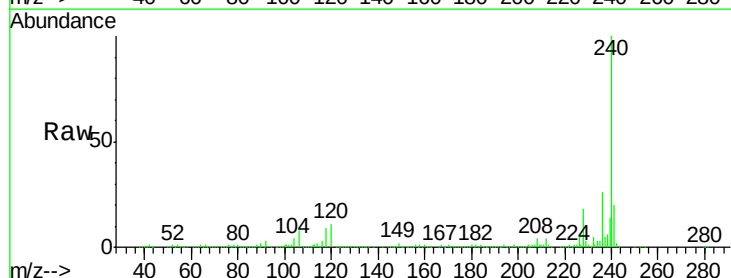
Tgt Ion:240 Resp: 649681

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

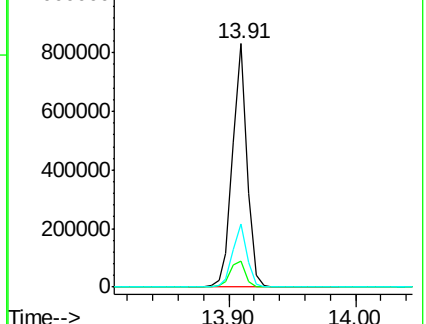
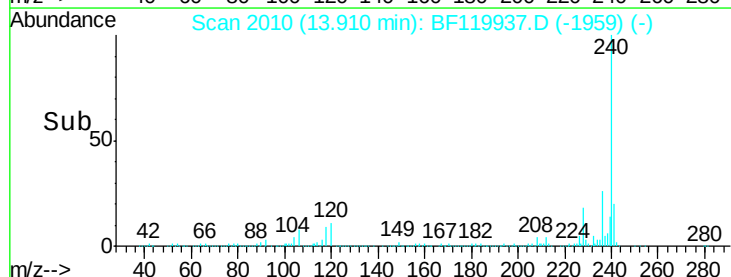
236 26.1 20.7 31.1

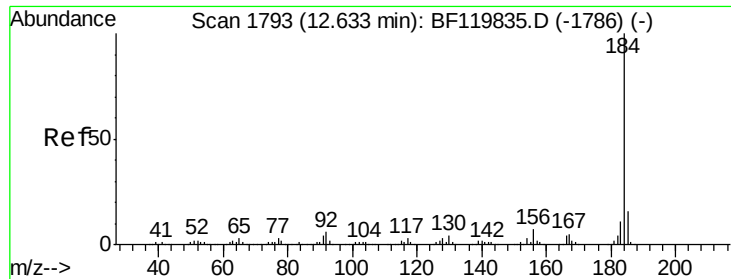


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

PB128142BS

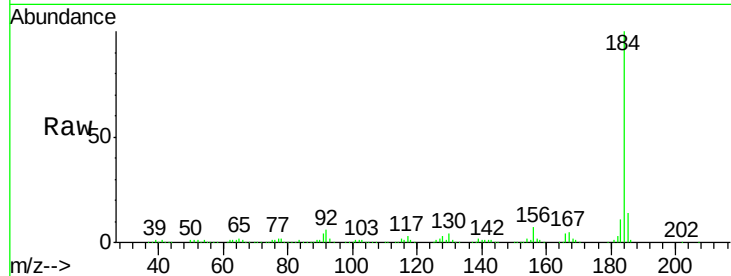
Tot Ion:184 Resp: 716607

Ion Ratio Lower Upper

184 100

185 13.9 13.2 19.8

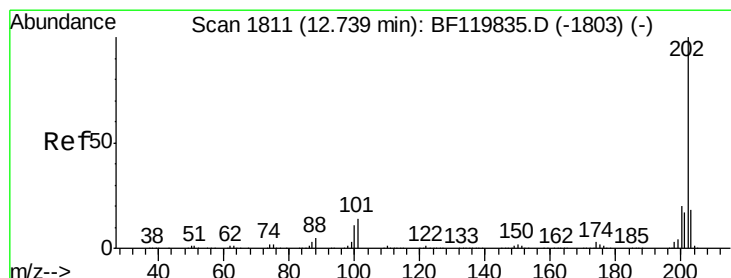
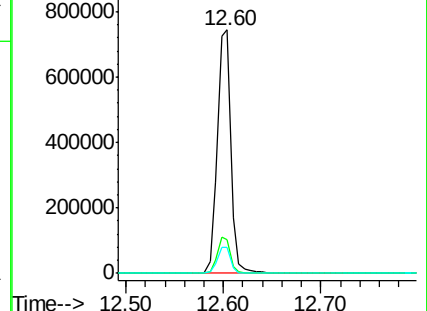
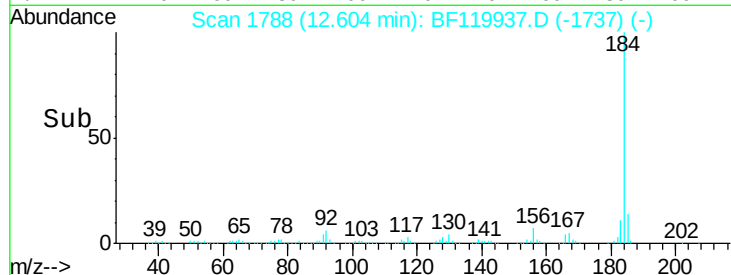
183 10.9 9.1 13.7



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

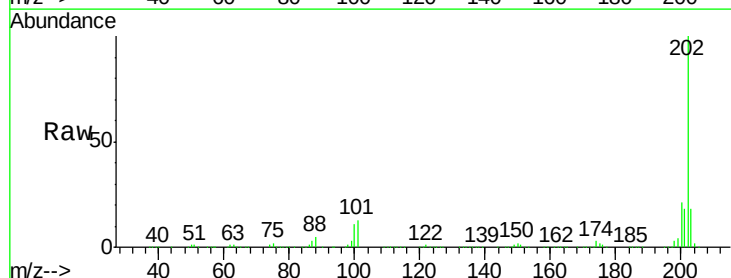
Tgt Ion:202 Resp: 2028588

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

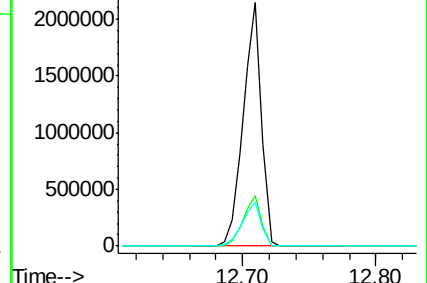
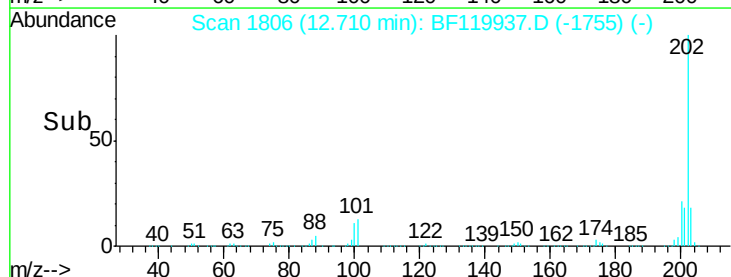
203 18.2 14.1 21.1

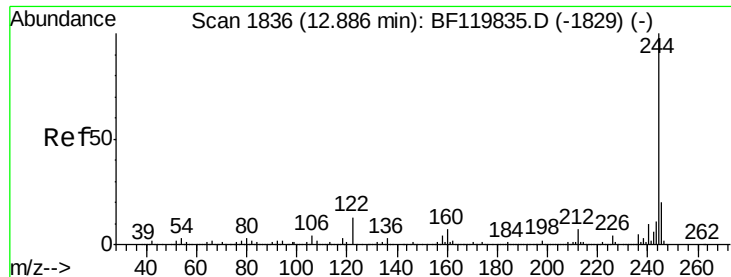


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

PB128142BS

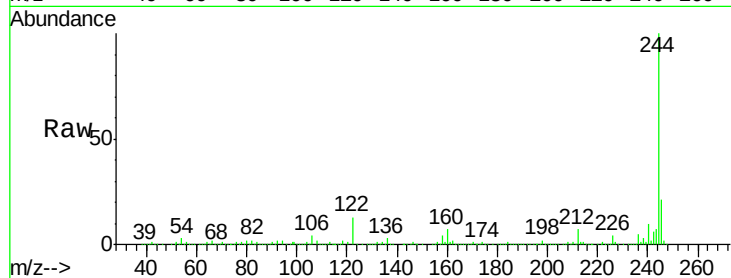
Tot Ion:244 Resp: 2784231

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

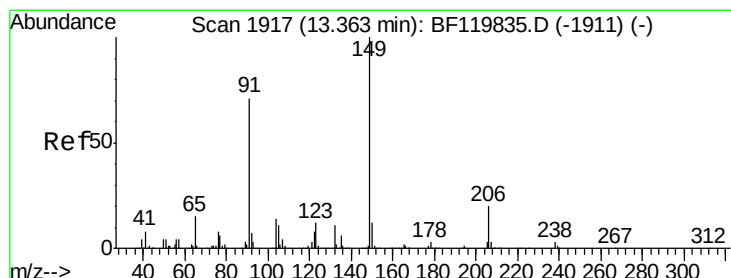
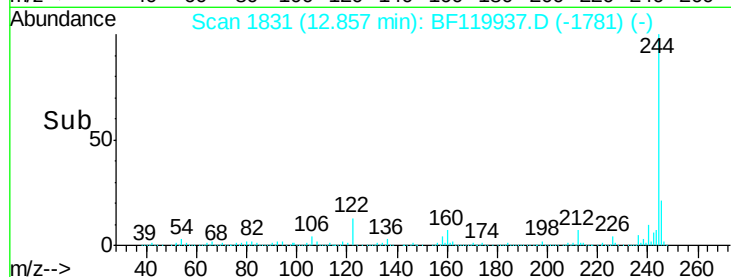
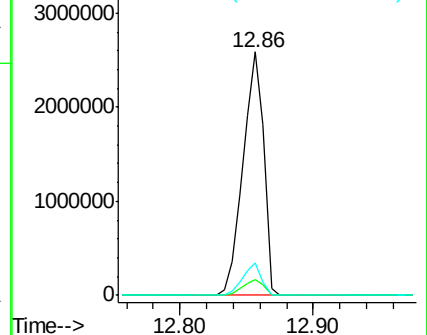
122 13.2 10.3 15.5



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

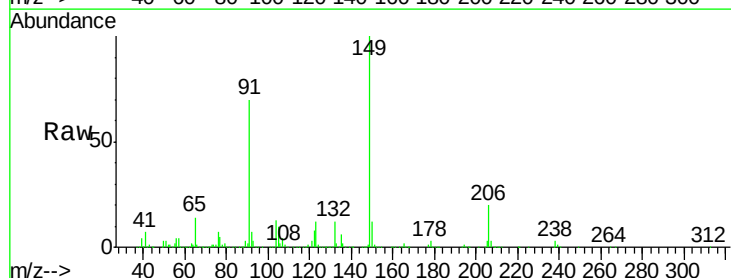
Tgt Ion:149 Resp: 939625

Ion Ratio Lower Upper

149 100

91 69.8 56.7 85.1

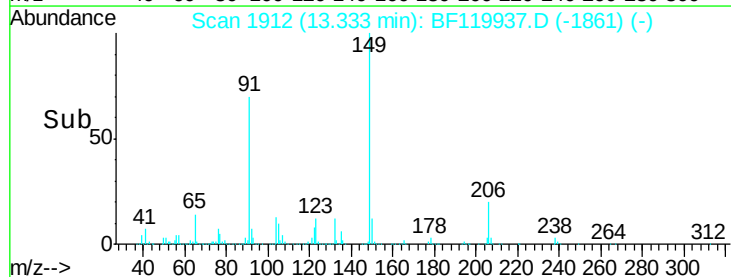
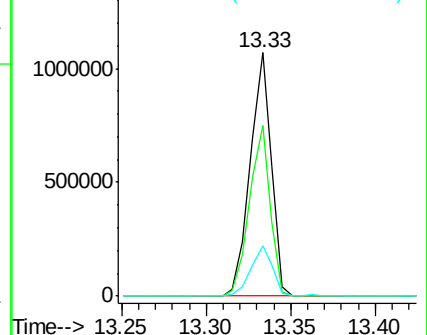
206 20.4 15.7 23.5

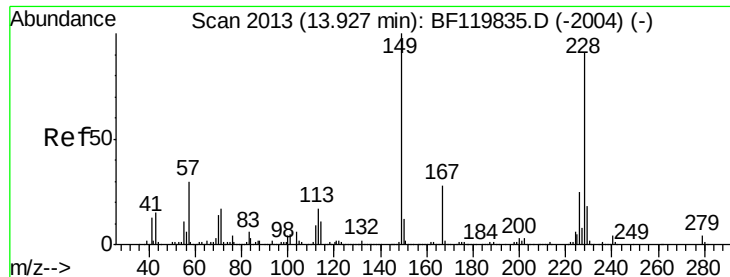


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

PB128142BS

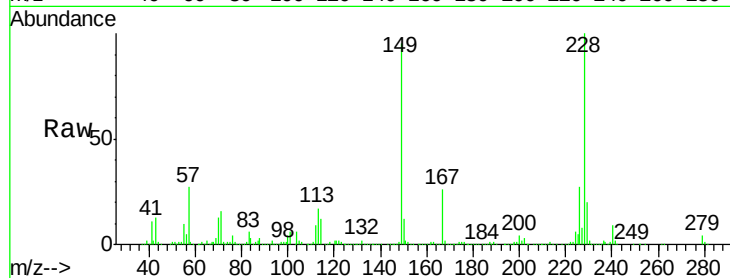
Tot Ion:228 Resp: 1597526

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

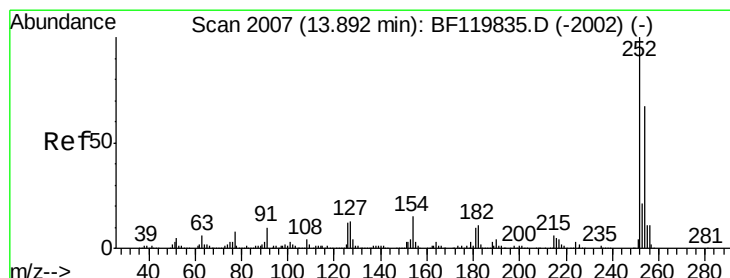
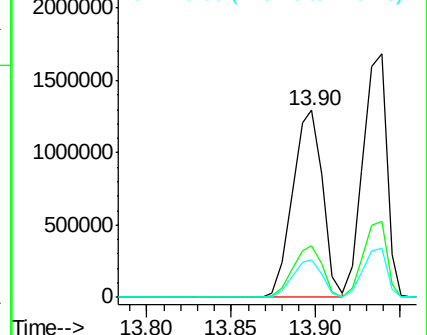
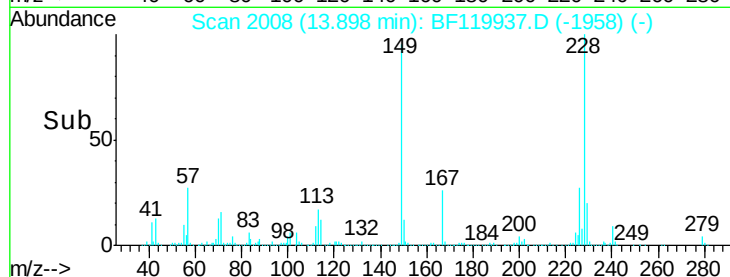
229 19.8 15.9 23.9



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

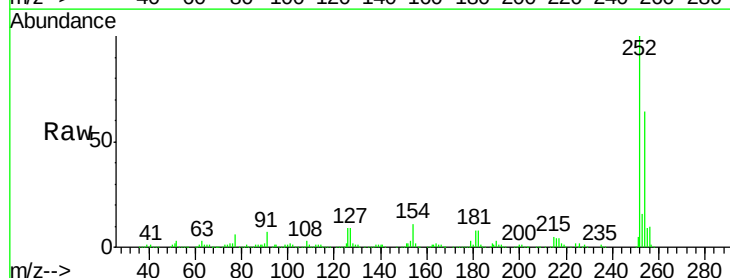
Tgt Ion:252 Resp: 348806

Ion Ratio Lower Upper

252 100

254 64.2 53.9 80.9

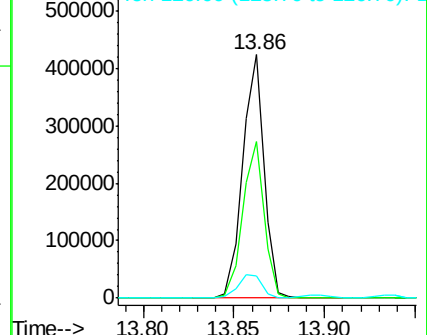
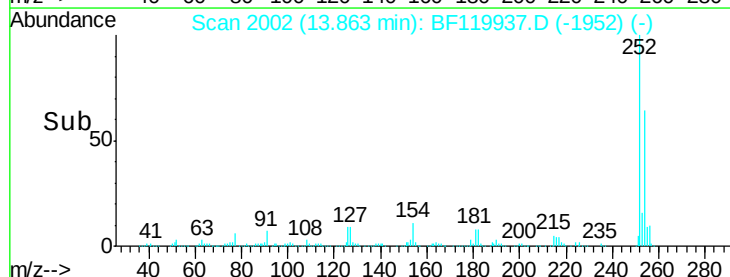
126 9.2 9.7 14.5#

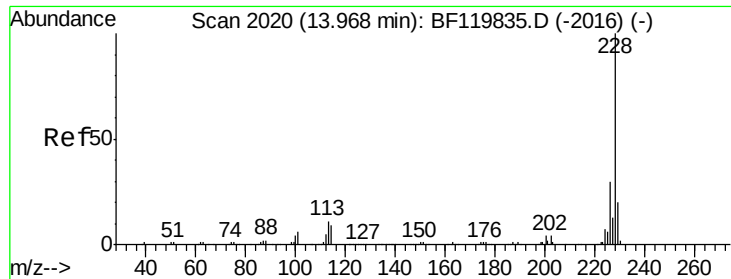


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB128142BS

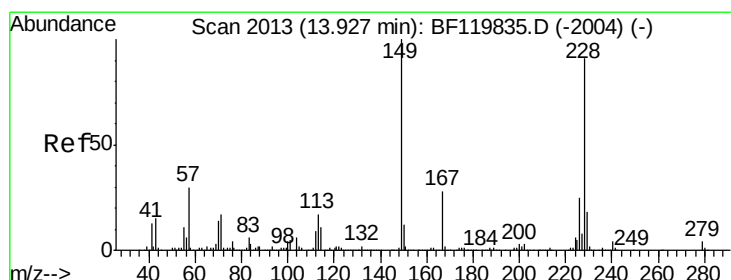
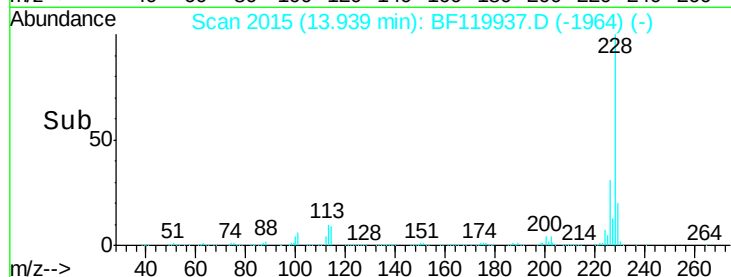
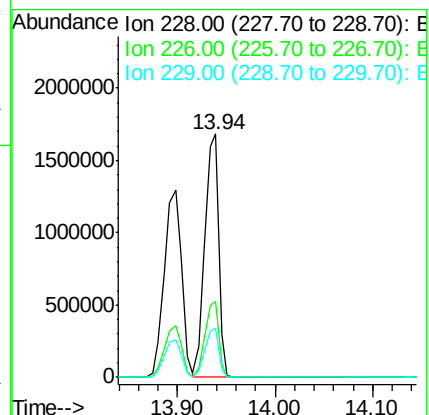
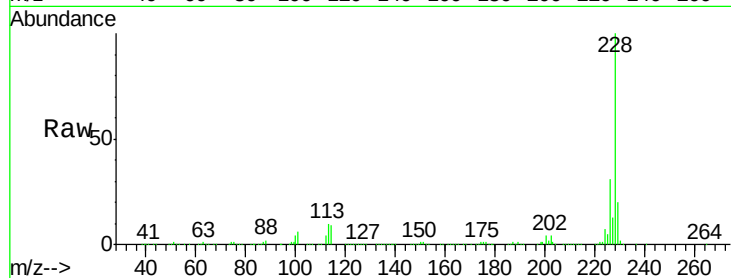
Tot Ion:228 Resp: 1658756

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 20.2 15.9 23.9



#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

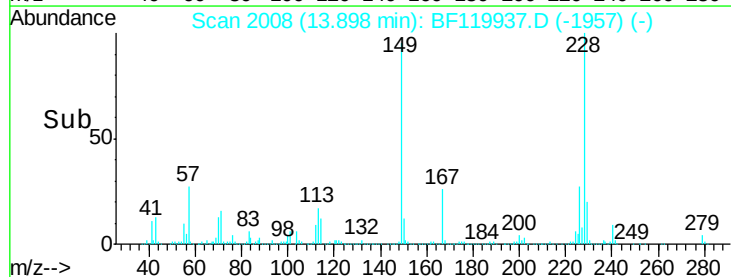
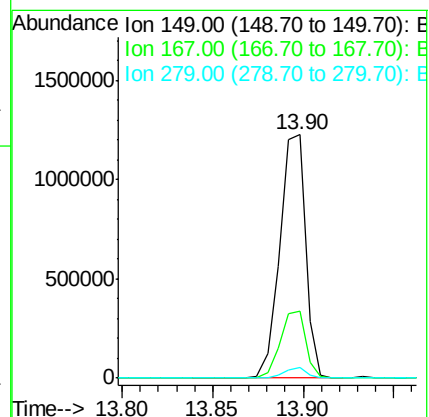
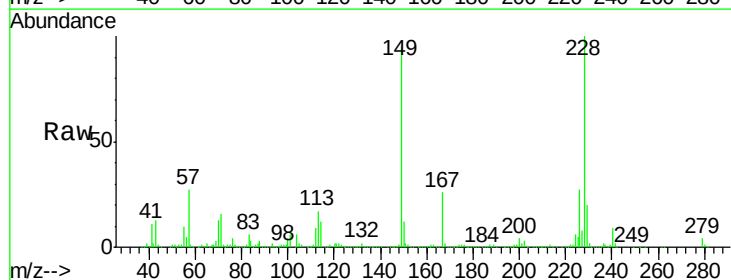
Tgt Ion:149 Resp: 1210583

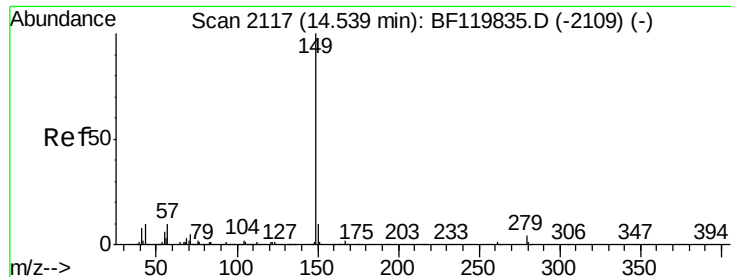
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 4.4 3.4 5.0





#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 :

PB128142BS

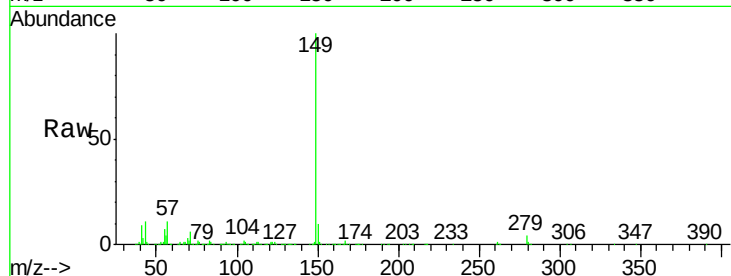
Tot Ion:149 Resp: 2224343

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

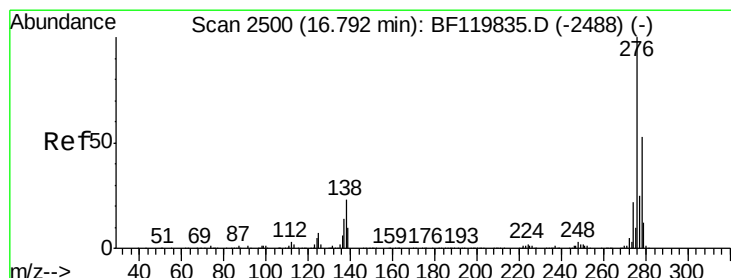
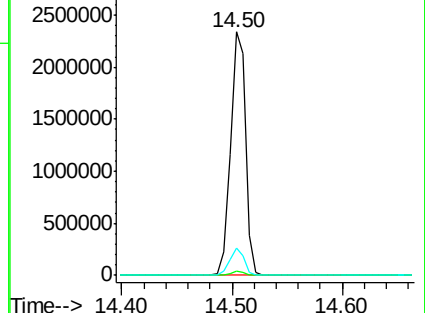
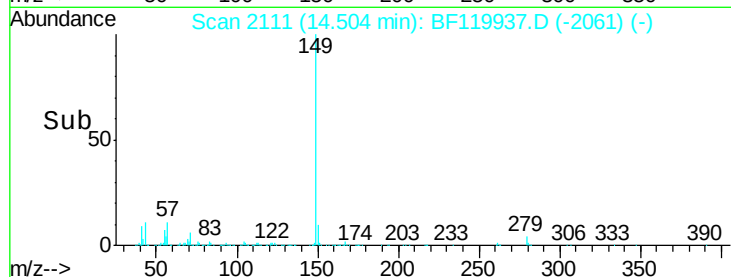
43 10.5 9.2 13.8



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

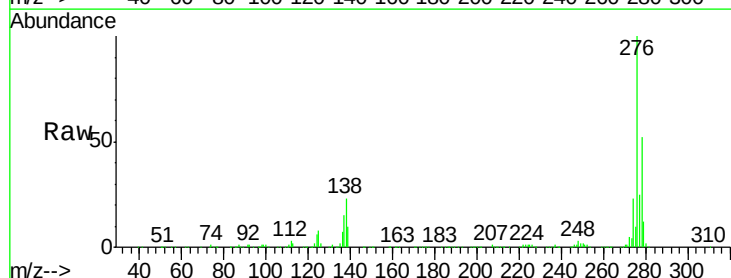
Tgt Ion:276 Resp: 1492649

Ion Ratio Lower Upper

276 100

138 24.1 18.0 27.0

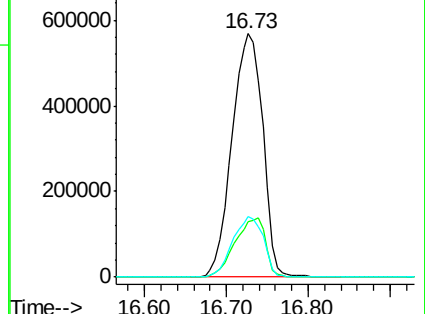
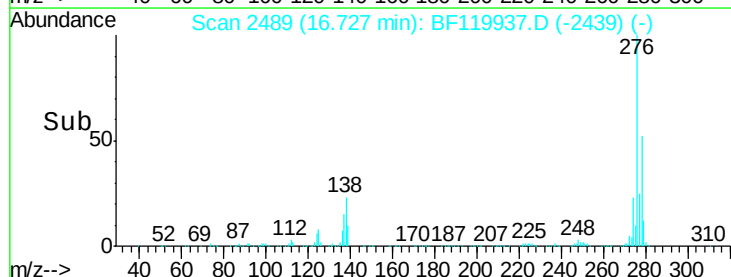
277 24.9 20.1 30.1

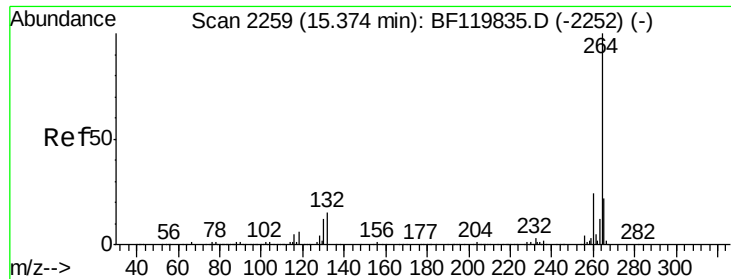


Abundance Ion 276.00 (275.70 to 276.70): E

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 :

PB128142BS

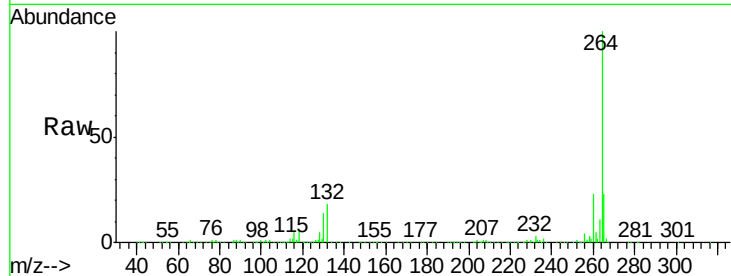
Tot Ion:264 Resp: 623194

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

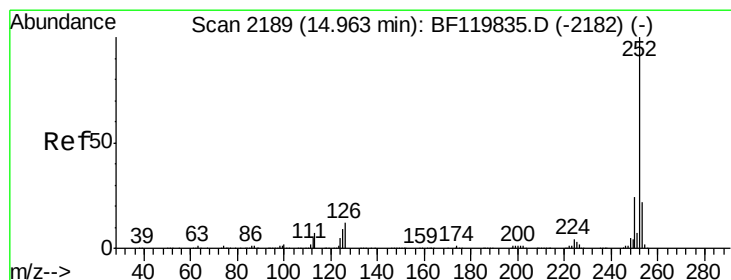
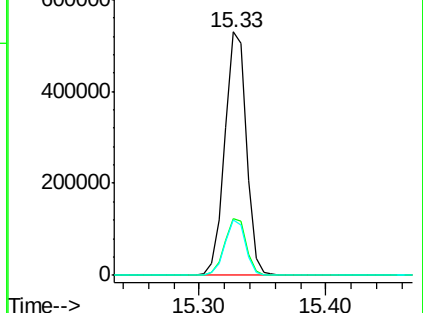
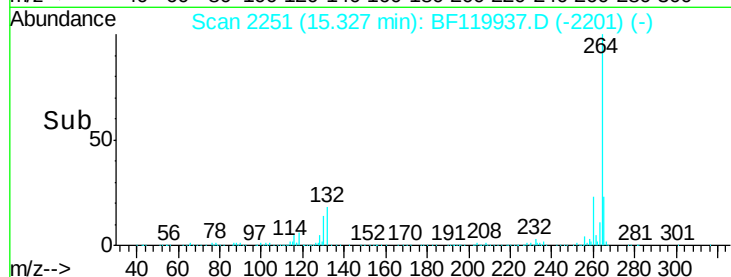
265 22.6 17.6 26.4



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

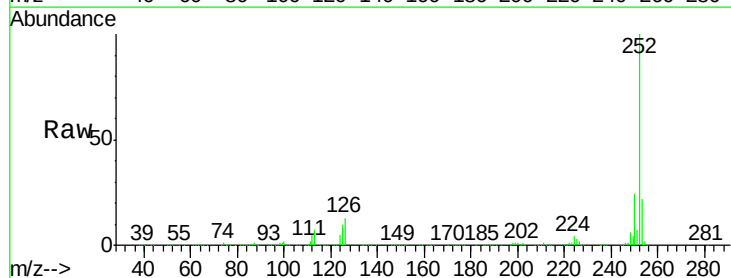
Tgt Ion:252 Resp: 1703226

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

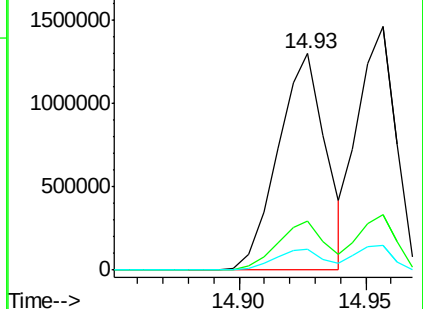
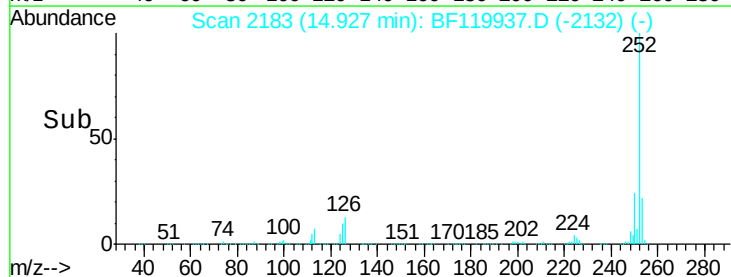
125 9.8 7.4 11.2

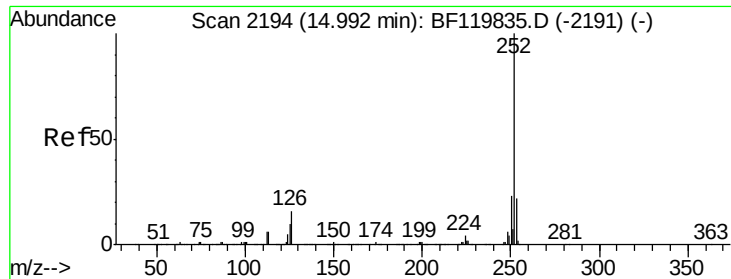


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

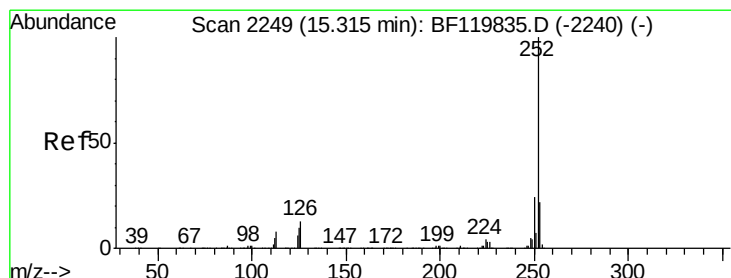
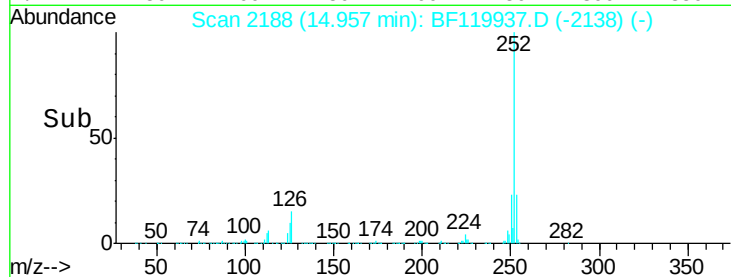
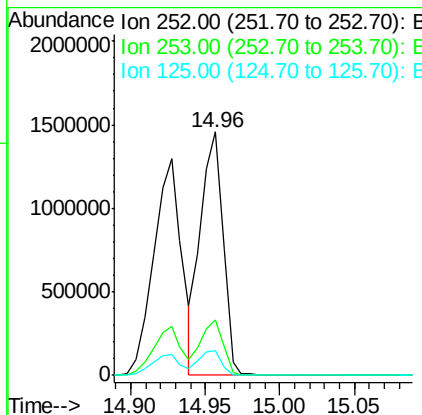
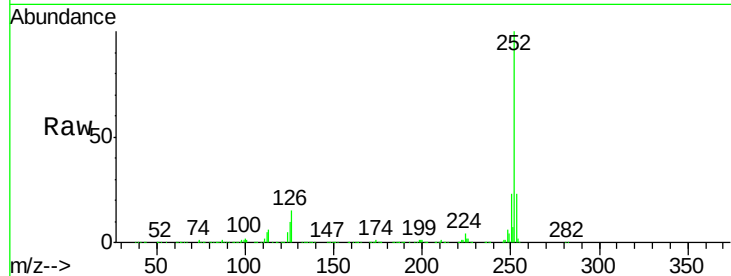




#89
Benzo(k)fluoranthene
Concen: 39.130 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119937.D
Acq: 14 Apr 2020 6:11

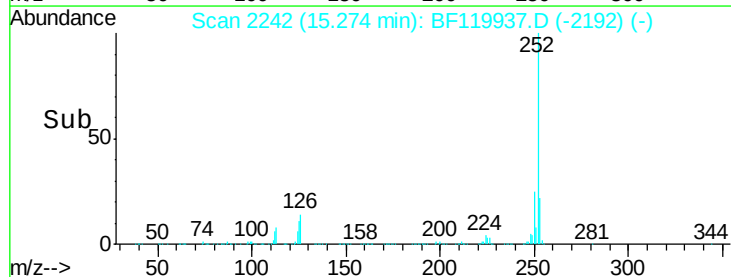
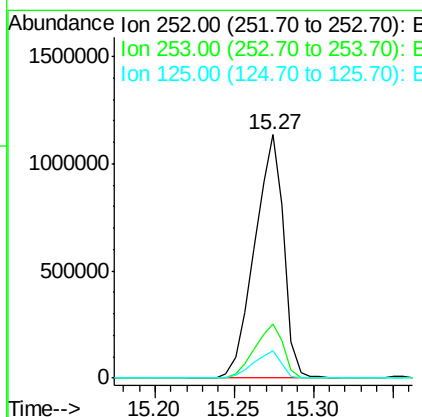
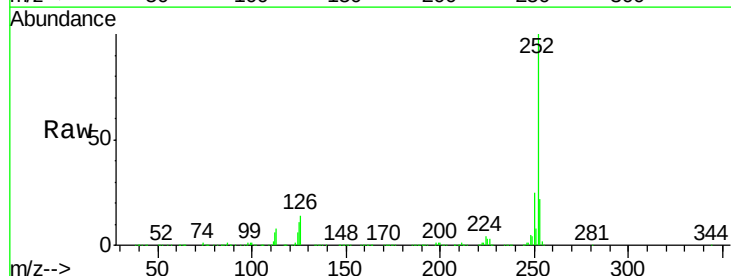
Instrument :
BNA_F
ClientSampleId :
PB128142BS

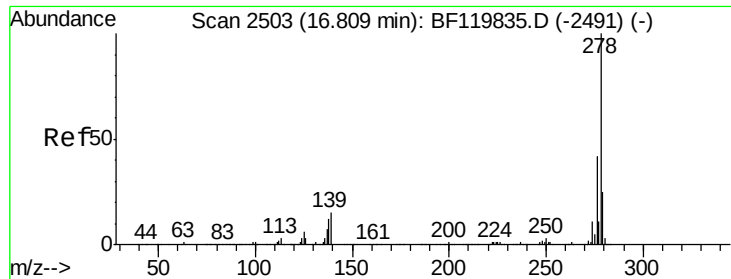
Tot Ion:252 Resp: 1513600
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.3 7.7 11.5



#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 :

PB128142BS

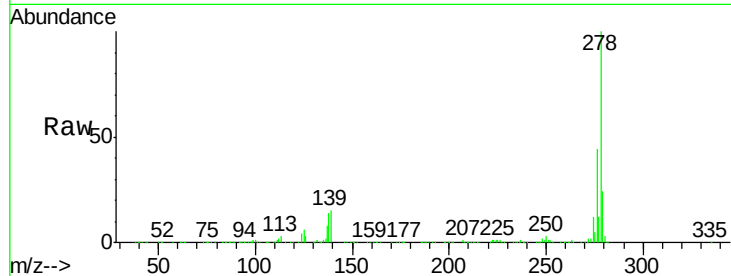
Tot Ion:278 Resp: 1230801

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

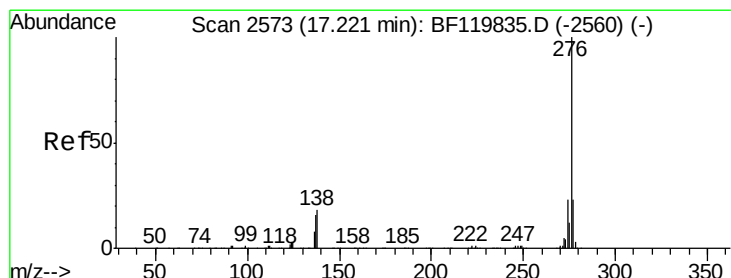
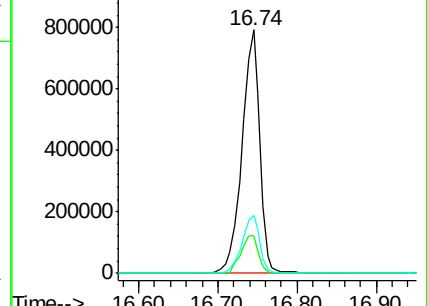
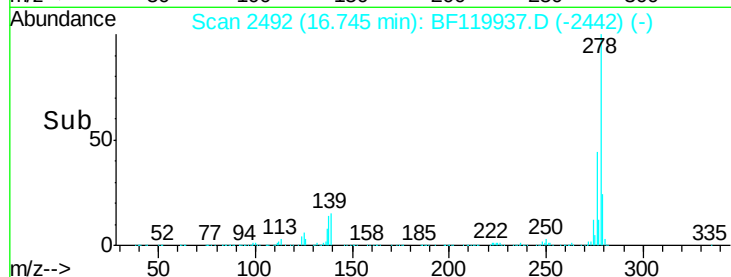
279 23.9 19.7 29.5



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

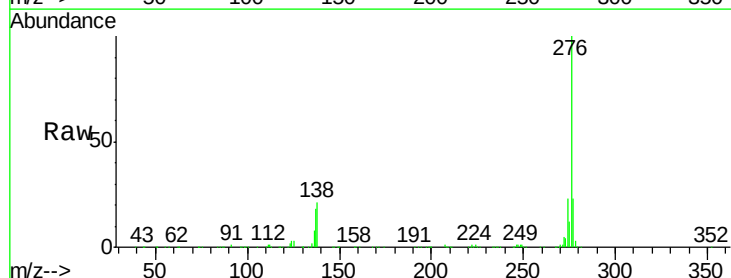
Tgt Ion:276 Resp: 1213587

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

