

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119467.D
 Acq On : 20 Mar 2020 12:30
 Operator : CG/JU
 Sample : PB127698BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 18:53:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	448467	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1709059	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	900930	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1654570	20.00	ng	0.00
76) Chrysene-d12	14.03	240	917209	20.00	ng	0.00
87) Perylene-d12	15.50	264	796209	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2833288	100.57	ng	0.02
7) Phenol-d6	6.49	99	3605316	100.18	ng	0.02
23) Nitrobenzene-d5	7.42	82	2095184	66.63	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	985219	106.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3683032	60.56	ng	0.00
79) Terphenyl-d14	12.98	244	3685005	78.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	389170	27.970	ng	98
3) Pyridine	3.42	79	985916	25.721	ng	99
4) n-Nitrosodimethylamine	3.37	42	674719	36.095	ng	99
6) Aniline	6.52	93	1452317	29.240	ng	99
8) 2-Chlorophenol	6.65	128	1150893	38.897	ng	99
9) Benzaldehyde	6.40	77	476445	20.870	ng	98
10) Phenol	6.50	94	1473639	38.377	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	1147033	37.349	ng	95
12) 1,3-Dichlorobenzene	6.80	146	1201389	37.516	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1197015	37.370	ng	99
14) 1,2-Dichlorobenzene	7.03	146	1125274	37.584	ng	99
15) Benzyl Alcohol	7.00	79	1052790	38.891	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2225796	35.931	ng	97
17) 2-Methylphenol	7.11	107	979699	36.138	ng	98
18) Hexachloroethane	7.37	117	476247	40.571	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	843930	38.906	ng	99
20) 3+4-Methylphenols	7.11	107	979699	29.488	ng	79
22) Acetophenone	7.27	105	1540104	37.713	ng	95
24) Nitrobenzene	7.44	77	1247632	37.124	ng	98
25) Isophorone	7.68	82	2391807	37.495	ng	99
26) 2-Nitrophenol	7.76	139	644439	48.702	ng	98
27) 2,4-Dimethylphenol	7.79	122	1103994	40.349	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1470671	38.988	ng	98
29) 2,4-Dichlorophenol	8.00	162	968430	38.521	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	1039051	37.372	ng	98
31) Naphthalene	8.16	128	3233907	36.770	ng	98
32) Benzoic acid	7.91	122	429472	24.402	ng	96
33) 4-Chloroaniline	8.21	127	1075961	26.699	ng	98
34) Hexachlorobutadiene	8.28	225	592811	38.109	ng	97
35) Caprolactam	8.64	113	56451	6.861	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	1063278	38.697	ng	98
37) 2-Methylnaphthalene	8.86	142	2223060	38.514	ng	100
38) 1-Methylnaphthalene	8.96	142	2089418	38.244	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	941430	35.651	ng	99

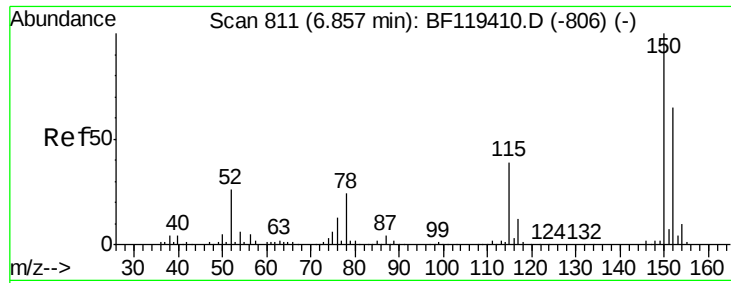
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	972048	64.748	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	723905	38.307	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	741421	35.023	nq	98
46) 1,1'-Biphenyl	9.32	154	2612583	35.605	nq	99
47) 2-Chloronaphthalene	9.35	162	2043459	35.553	nq	98
48) 2-Nitroaniline	9.44	65	786963	39.668	nq	99
49) Acenaphthylene	9.76	152	3231923	35.807	nq	99
50) Dimethylphthalate	9.63	163	2389503	37.340	nq	99
51) 2,6-Dinitrotoluene	9.69	165	554316	40.412	nq	91
52) Acenaphthene	9.94	154	2095828	37.247	nq	99
53) 3-Nitroaniline	9.85	138	489855	28.288	nq	99
54) 2,4-Dinitrophenol	9.96	184	343409	59.873	nq	93
55) Dibenzofuran	10.11	168	2845300	35.269	nq	98
56) 4-Nitrophenol	10.02	139	946132	69.259	nq	91
57) 2,4-Dinitrotoluene	10.09	165	722649	41.822	nq	98
58) Fluorene	10.45	166	2143705	35.933	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	600387	37.942	nq	99
60) Diethylphthalate	10.33	149	2480538	38.192	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	1039145	35.619	nq	99
62) 4-Nitroaniline	10.47	138	579173	34.878	nq	96
63) Azobenzene	10.60	77	2354889	36.005	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	289323	41.701	nq	96
66) n-Nitrosodiphenylamine	10.56	169	2055660	37.846	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	701949	37.252	nq	99
68) Hexachlorobenzene	11.00	284	749586	38.867	nq	93
69) Atrazine	11.09	200	650101	43.657	nq	98
70) Pentachlorophenol	11.19	266	697602	61.689	nq	98
71) Phenanthrene	11.42	178	3106144	36.205	nq	99
72) Anthracene	11.47	178	3197072	36.665	nq	99
73) Carbazole	11.62	167	2901344	33.617	nq	98
74) Di-n-butylphthalate	11.96	149	3691598	39.985	nq	98
75) Fluoranthene	12.60	202	3262363	35.136	nq	98
77) Benzidine	12.72	184	1401463	36.105	nq	99
78) Pyrene	12.84	202	3246790	43.133	nq	99
80) Butylbenzylphthalate	13.46	149	1508211	49.539	nq	100
81) Benzo(a)anthracene	14.03	228	2263374	37.948	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	787915	33.504	nq	98
83) Chrysene	14.06	228	2312244	37.563	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1909628	52.617	nq	99
85) Di-n-octyl phthalate	14.63	149	3029542	47.463	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2542401	43.855	nq	99
88) Benzo(b)fluoranthene	15.07	252	2290838	43.072	nq	100
89) Benzo(k)fluoranthene	15.11	252	1923360	37.978	nq	98
90) Benzo(a)pyrene	15.44	252	1950555	40.355	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	2076608	49.119	nq	99
92) Benzo(g,h,i)perylene	17.44	276	2230622	52.519	nq	97

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

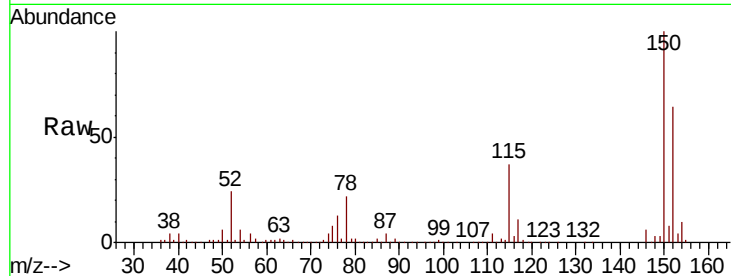


#1

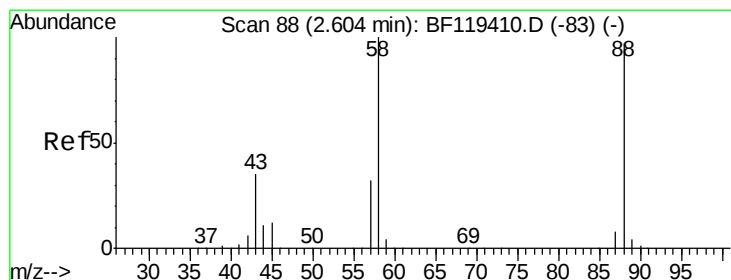
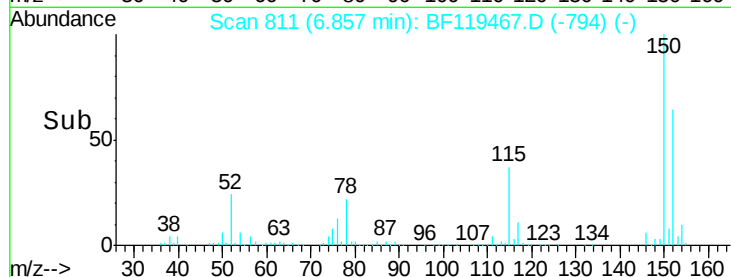
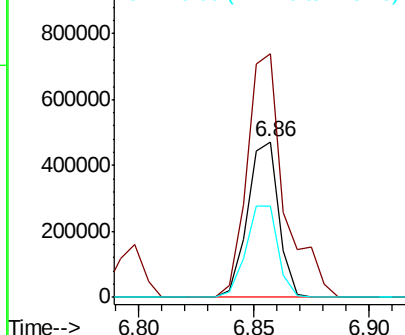
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 448467
Ion Ratio Lower Upper
152 100
150 156.4 123.9 185.9
115 58.3 47.8 71.6



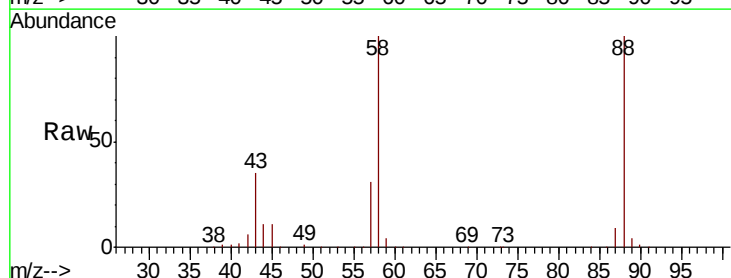
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



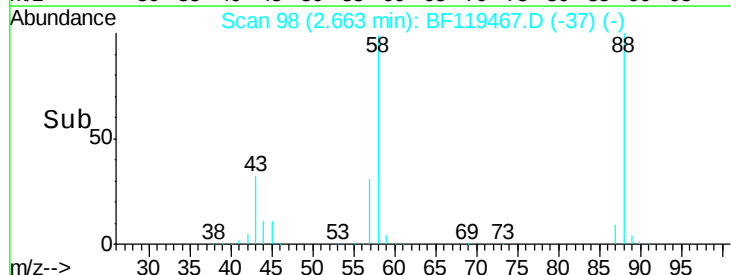
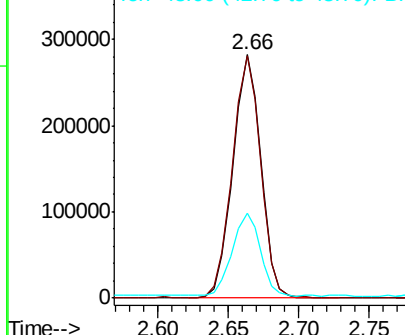
#2

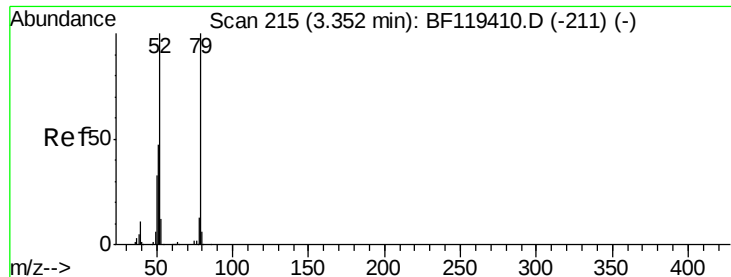
1,4-Dioxane
Concen: 27.970 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion: 88 Resp: 389170
Ion Ratio Lower Upper
88 100
58 100.8 79.4 119.2
43 34.4 28.4 42.6



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: 25.721 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

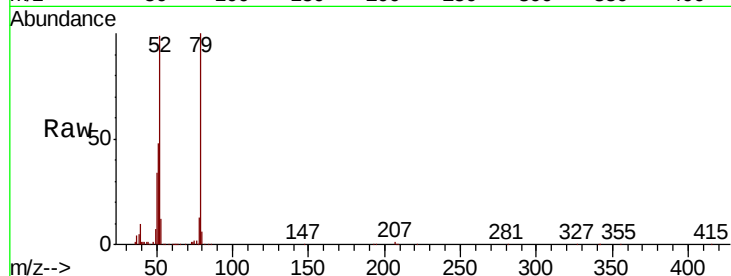
Tot Ion: 79 Resp: 985916

Ion Ratio Lower Upper

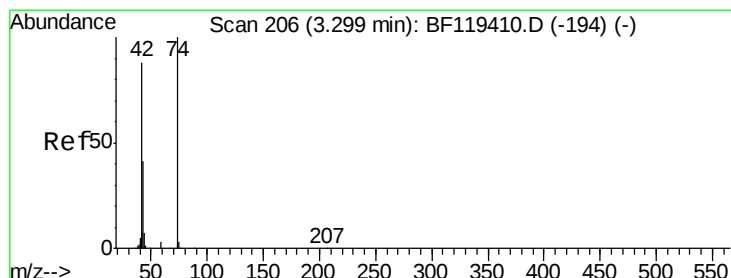
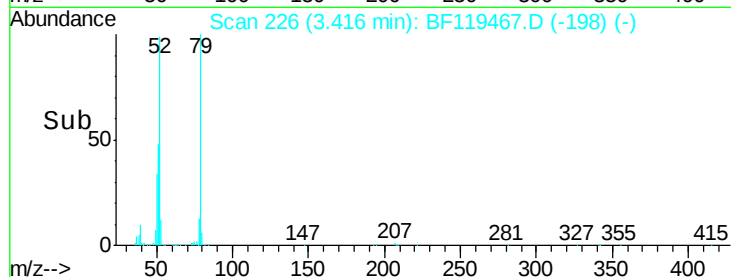
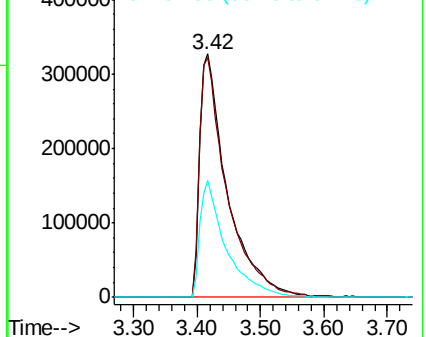
79 100

52 98.6 80.0 120.0

51 47.9 37.9 56.9



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: 36.095 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.07 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

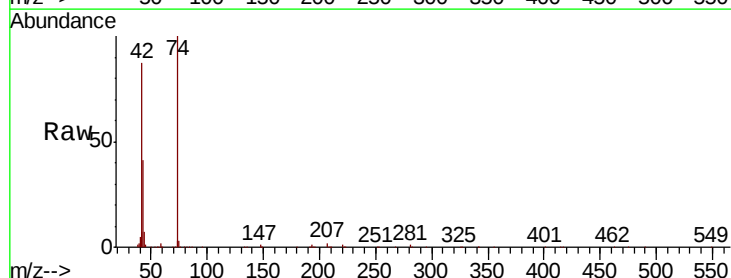
Tgt Ion: 42 Resp: 674719

Ion Ratio Lower Upper

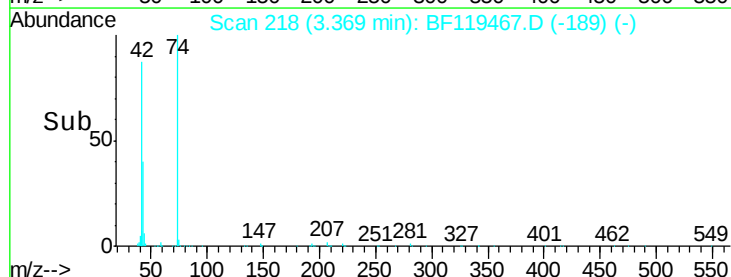
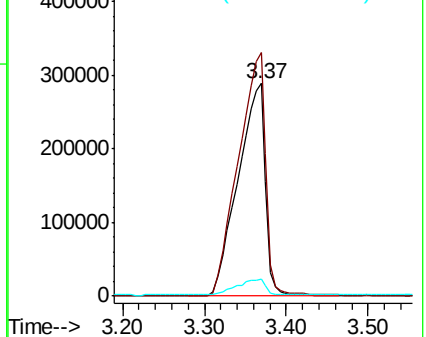
42 100

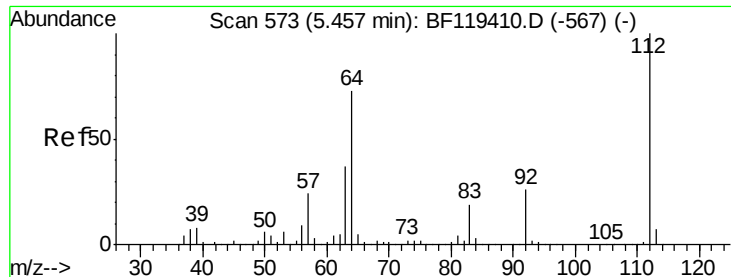
74 114.5 91.3 136.9

44 7.9 7.1 10.7



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: 100.572 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

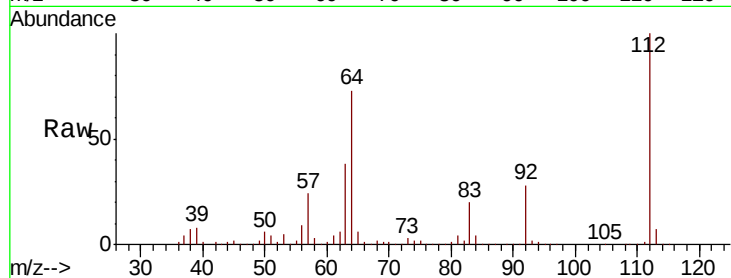
Tot Ion:112 Resp: 2833288

Ion Ratio Lower Upper

112 100

64 73.4 58.1 87.1

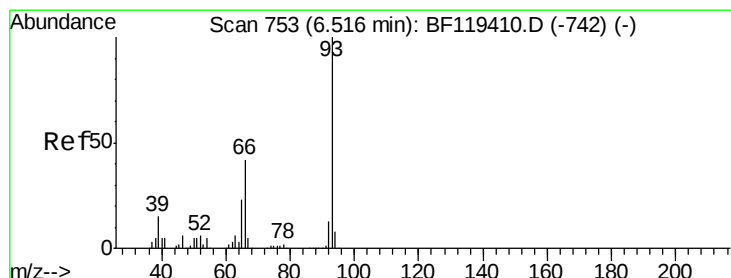
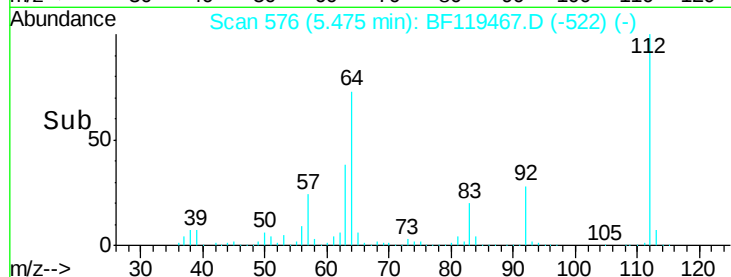
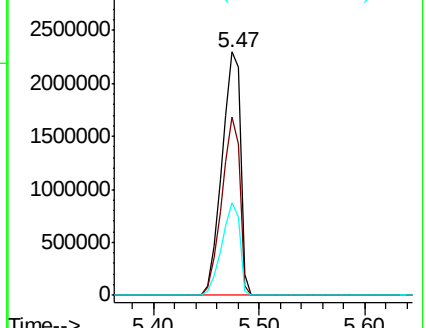
63 37.8 29.7 44.5



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: 29.240 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

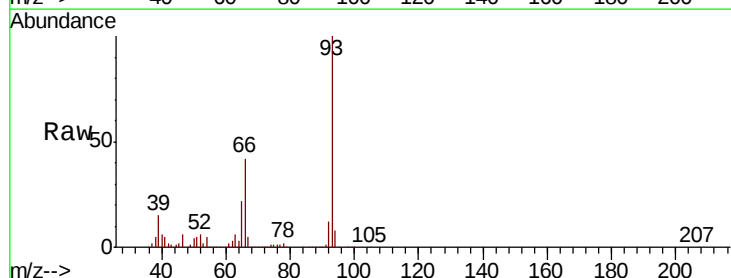
Tgt Ion: 93 Resp: 1452317

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

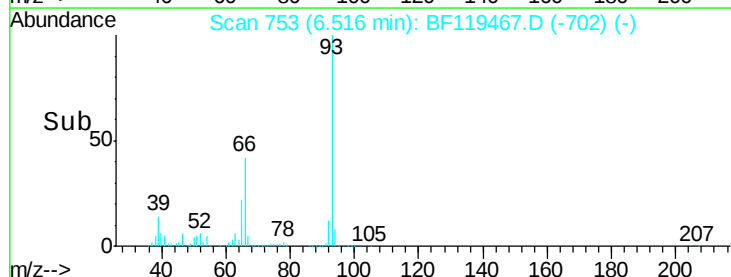
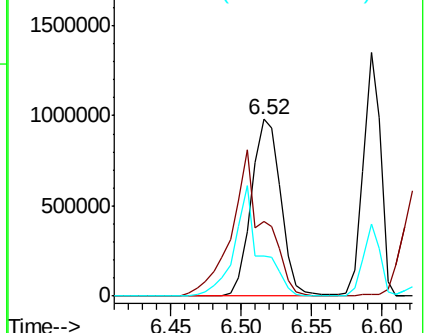
65 22.5 18.2 27.4

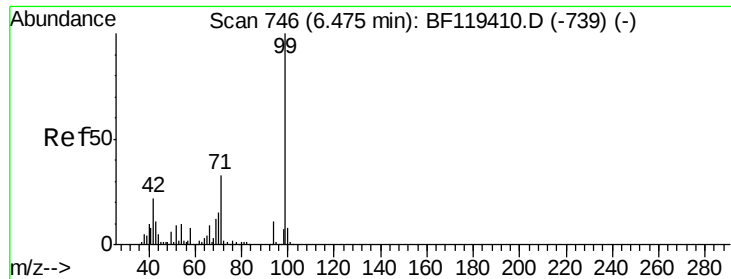


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.183 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

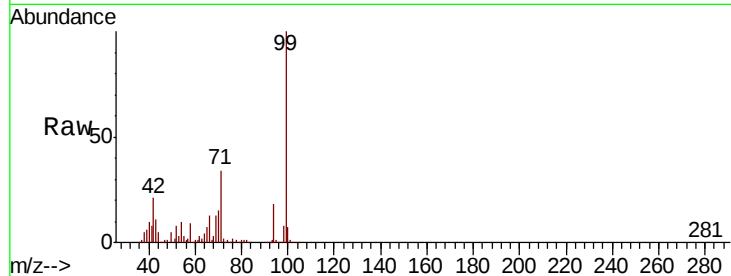
Tot Ion: 99 Resp: 3605316

Ion Ratio Lower Upper

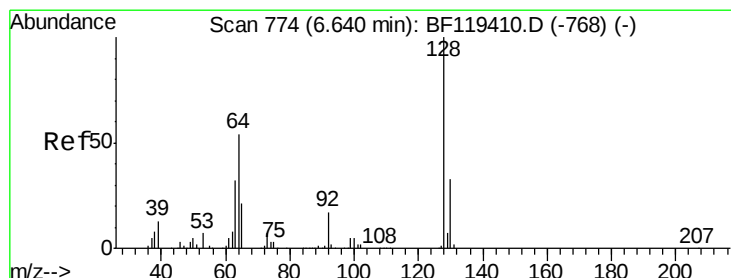
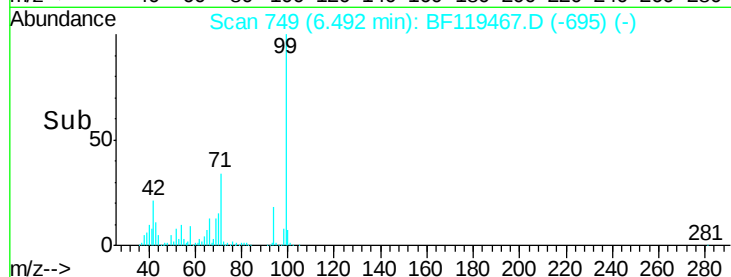
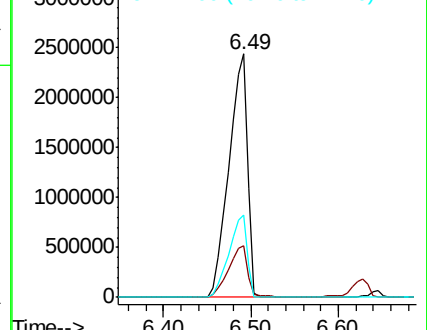
99 100

42 21.3 17.8 26.6

71 33.8 26.0 39.0



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: 38.897 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

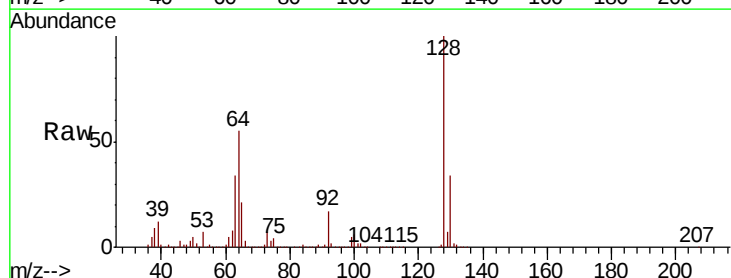
Tgt Ion: 128 Resp: 1150893

Ion Ratio Lower Upper

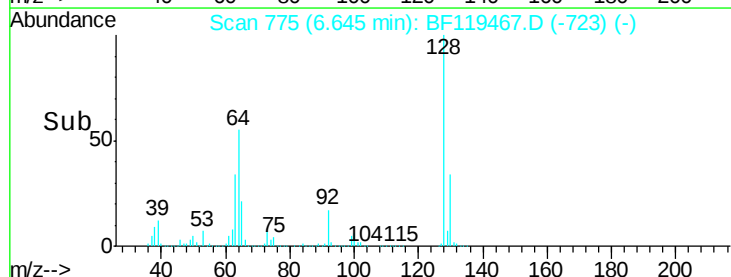
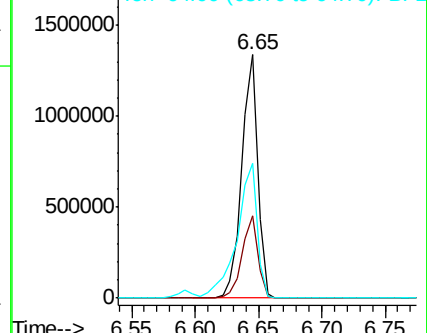
128 100

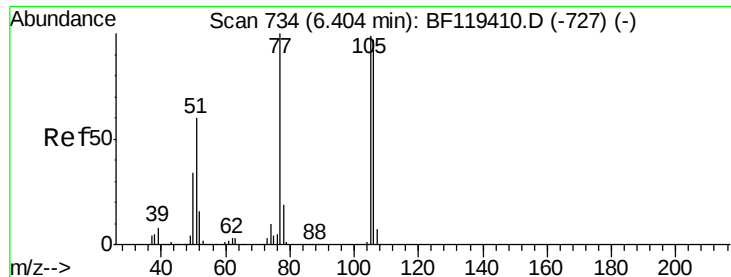
130 34.1 13.0 53.0

64 55.5 35.1 75.1



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: 20.870 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

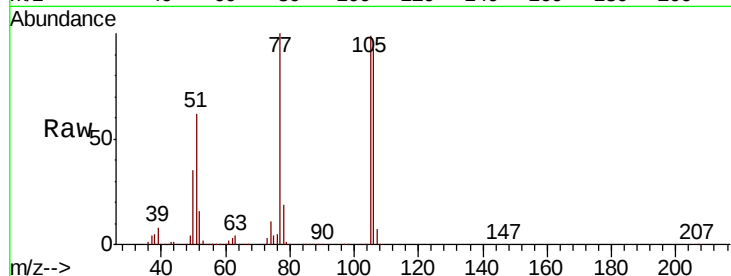
Tot Ion: 77 Resp: 476445

Ion Ratio Lower Upper

77 100

105 98.6 78.6 118.6

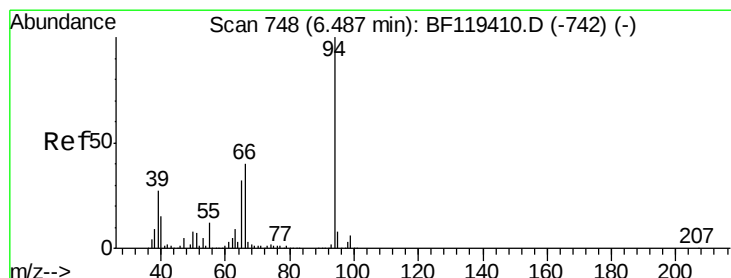
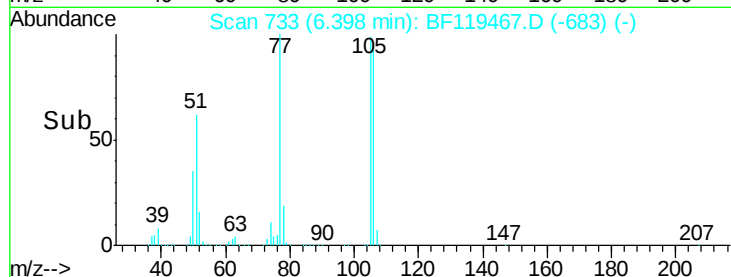
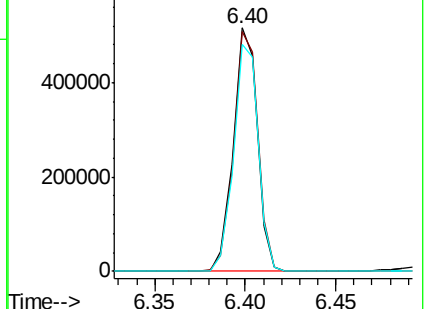
106 93.4 76.5 116.5



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: 38.377 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

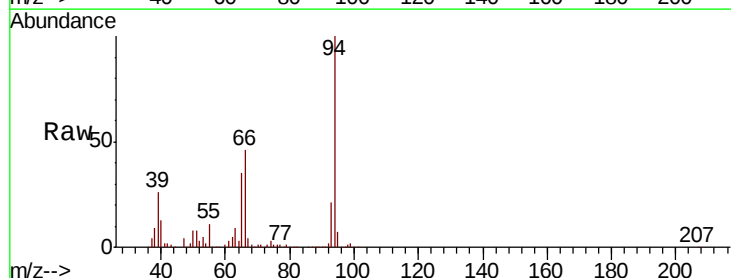
Tgt Ion: 94 Resp: 1473639

Ion Ratio Lower Upper

94 100

65 34.8 12.0 52.0

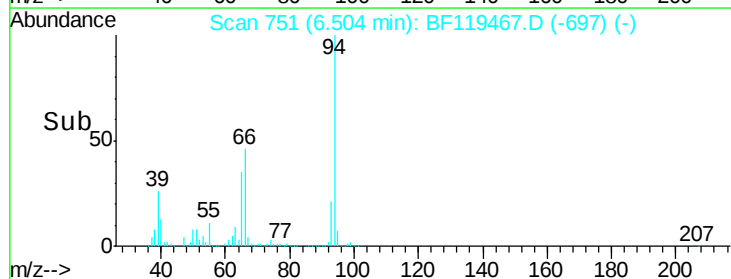
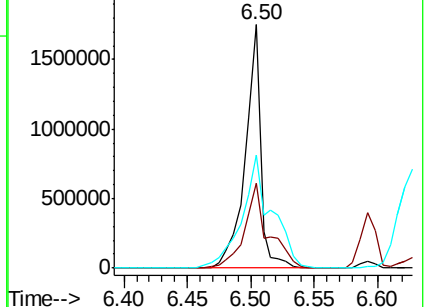
66 46.5 20.6 60.6

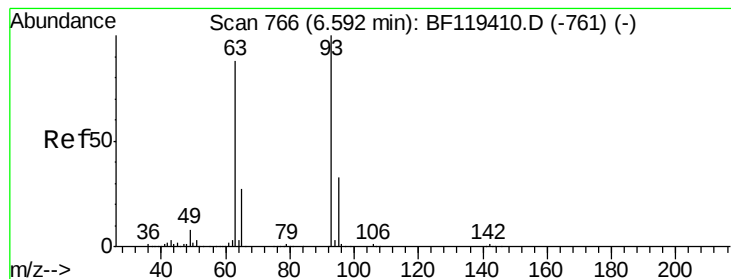


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.349 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

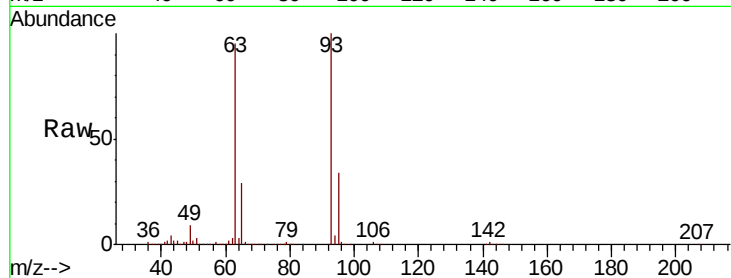
Tot Ion: 93 Resp: 1147033

Ion Ratio Lower Upper

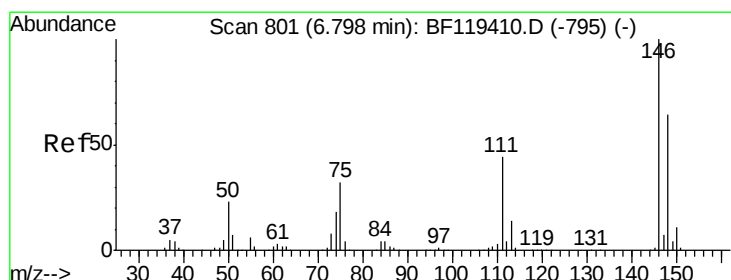
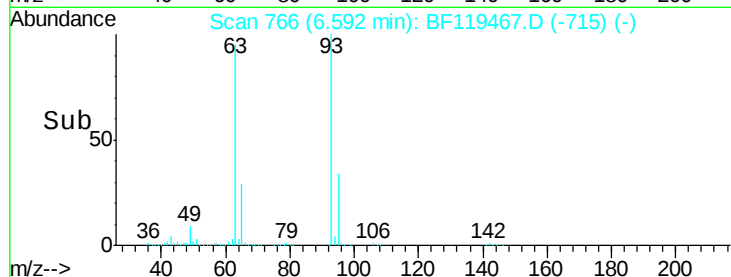
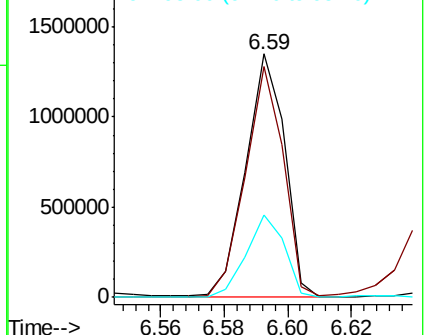
93 100

63 95.0 68.4 108.4

95 33.8 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.516 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

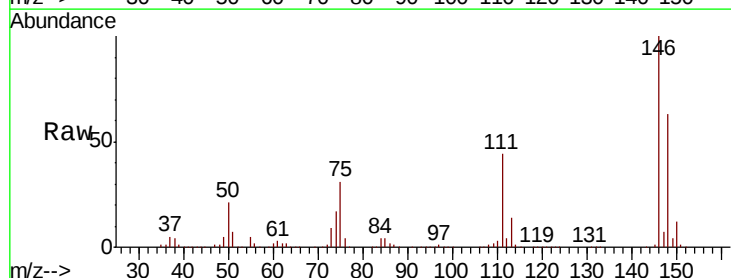
Tgt Ion: 146 Resp: 1201389

Ion Ratio Lower Upper

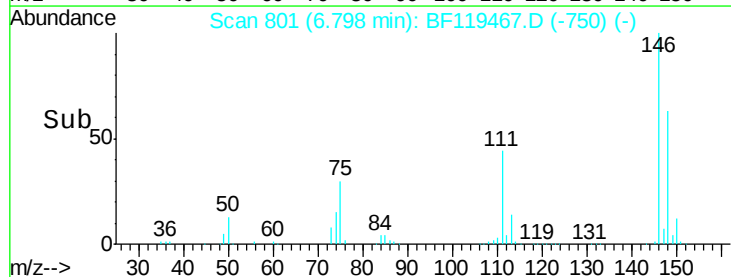
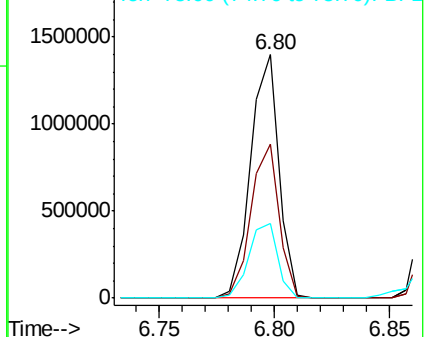
146 100

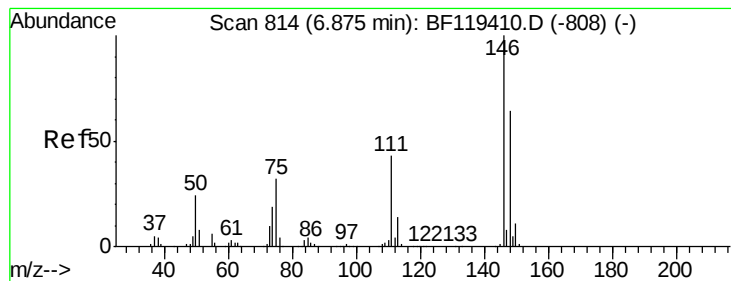
148 63.3 51.4 77.0

75 30.7 25.8 38.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.370 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

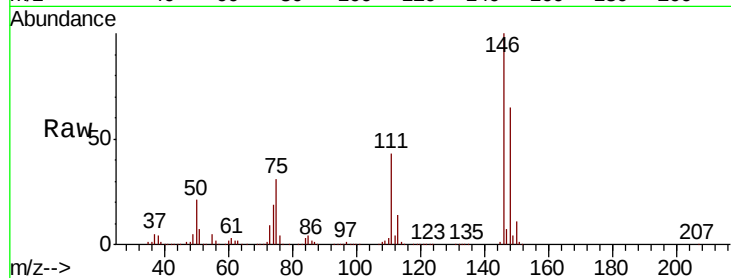
Tot Ion:146 Resp: 1197015

Ion Ratio Lower Upper

146 100

148 64.9 50.9 76.3

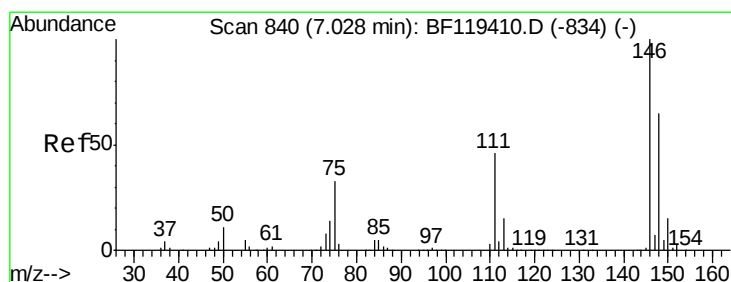
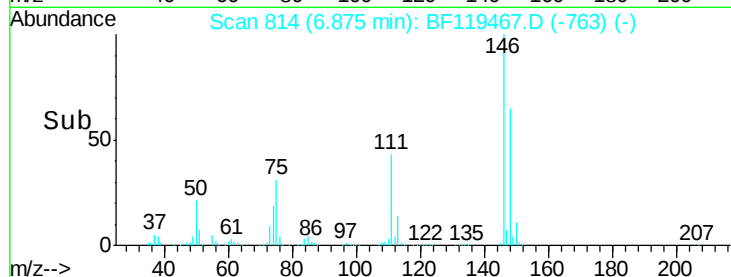
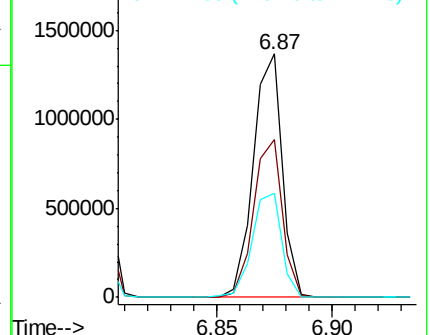
111 42.8 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 37.584 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

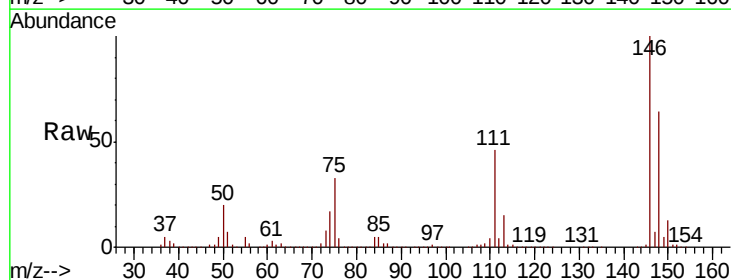
Tgt Ion:146 Resp: 1125274

Ion Ratio Lower Upper

146 100

148 63.9 51.7 77.5

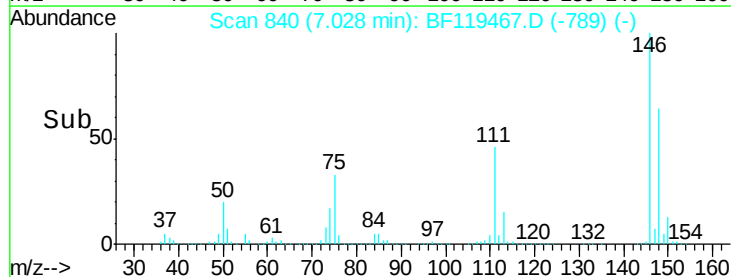
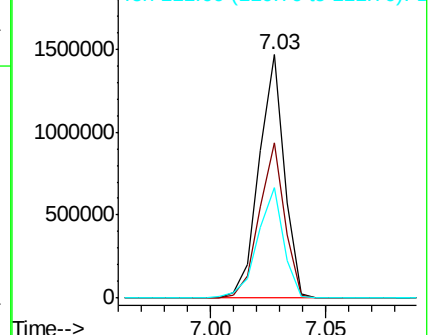
111 45.5 36.4 54.6

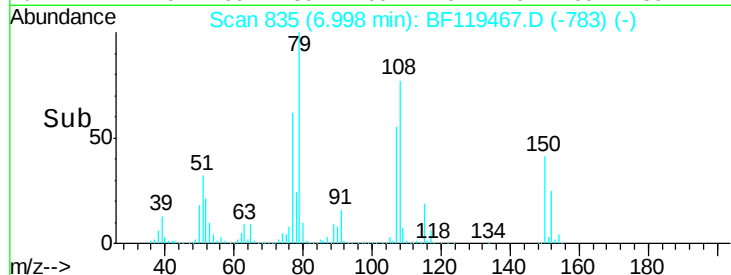
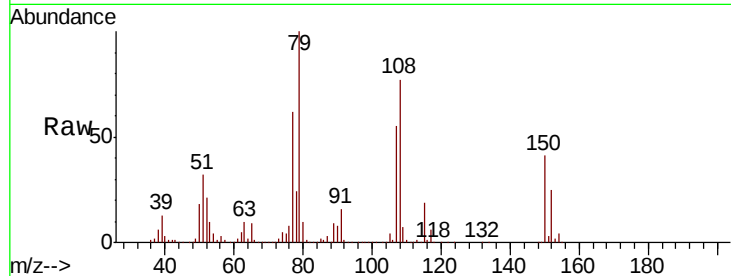
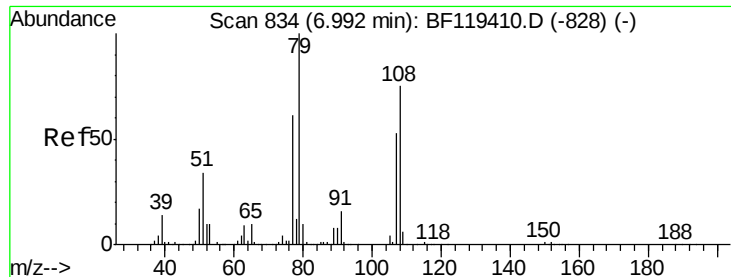


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.891 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

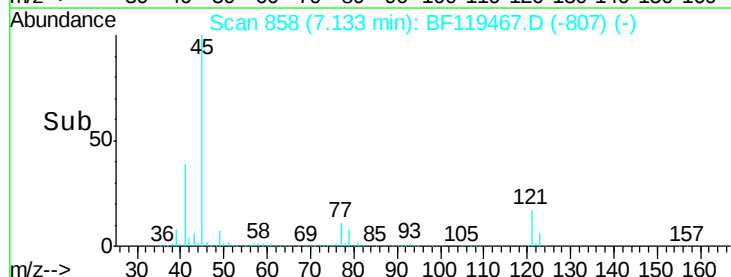
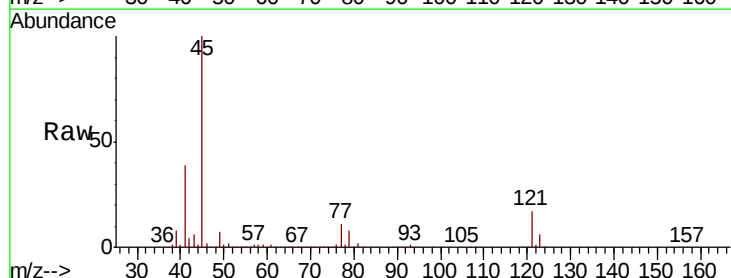
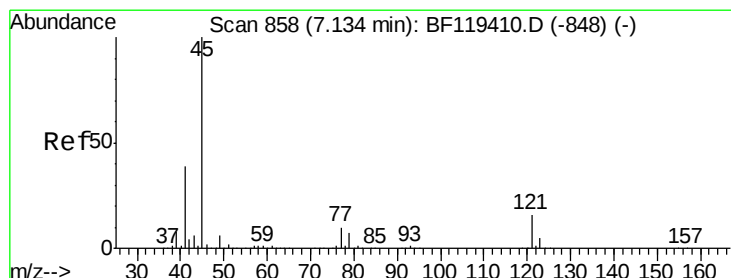
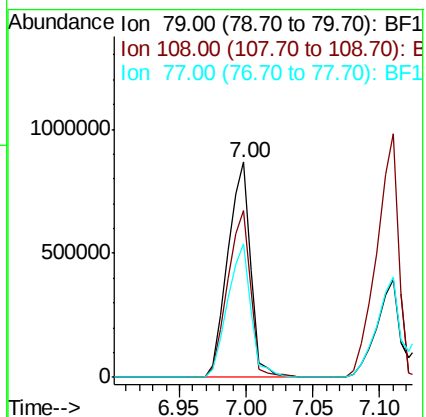
Tot Ion: 79 Resp: 1052790

Ion	Ratio	Lower	Upper
79	100		
108	77.3	60.4	90.6
77	62.3	49.0	73.4

Instrument :

BNA_F

ClientSampled :



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.931 ng

RT: 7.13 min Scan# 858

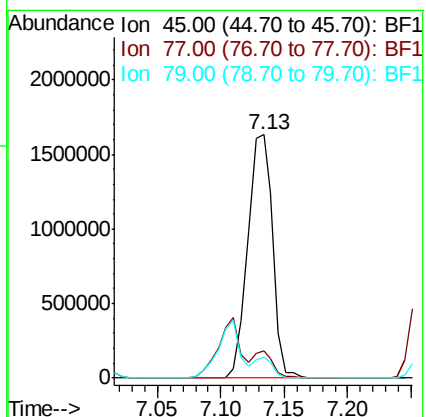
Delta R.T. -0.00 min

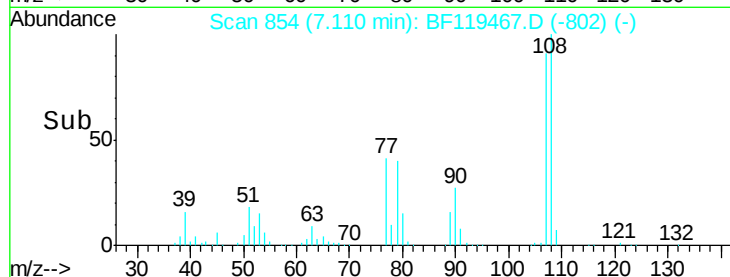
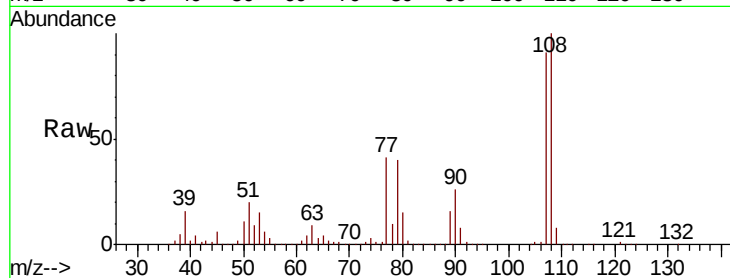
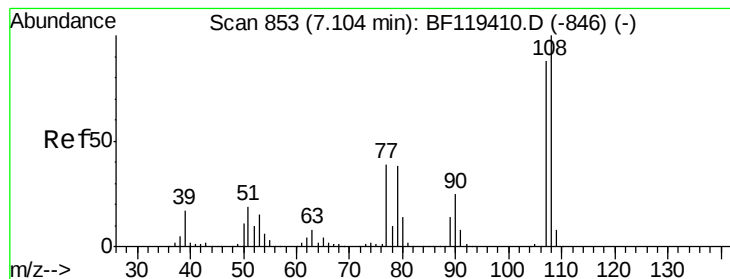
Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion: 45 Resp: 2225796

Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.1
79	8.4	0.0	27.4





#17

2-Methylphenol

Concen: 36.138 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 979699

Ion Ratio Lower Upper

107 100

108 109.6 90.7 136.1

77 45.1 35.6 53.4

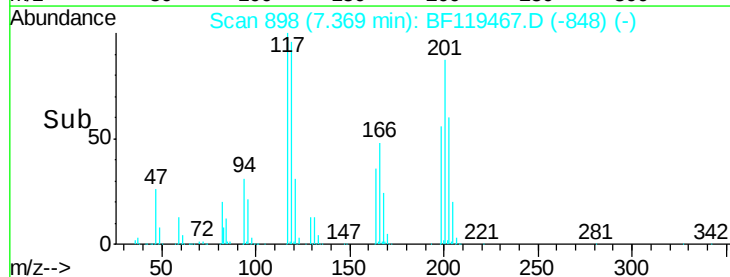
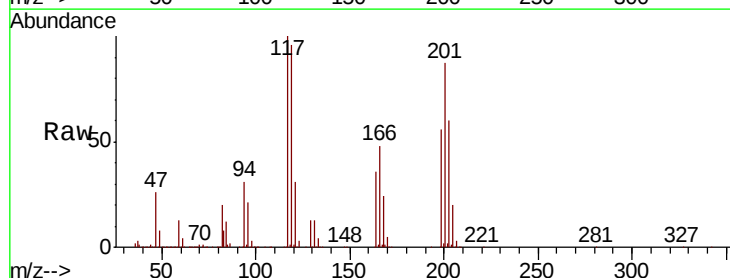
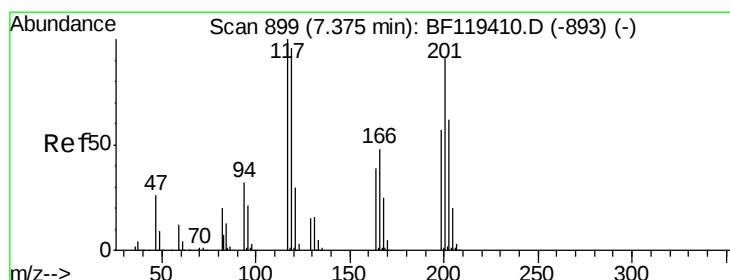
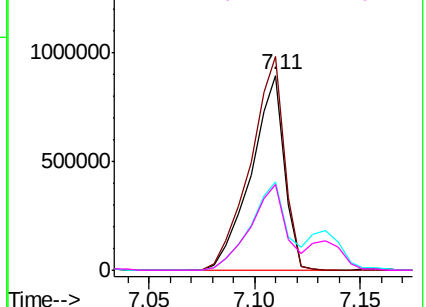
79 43.8 34.7 52.1

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: 40.571 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion:117 Resp: 476247

Ion Ratio Lower Upper

117 100

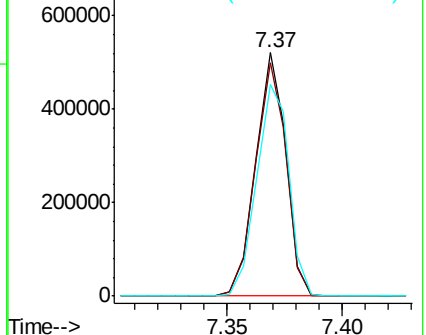
119 96.0 76.8 115.2

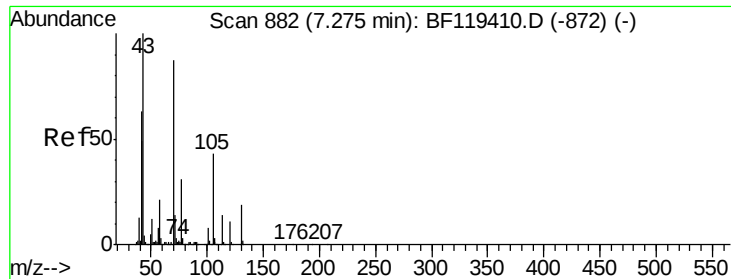
201 87.0 72.5 108.7

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

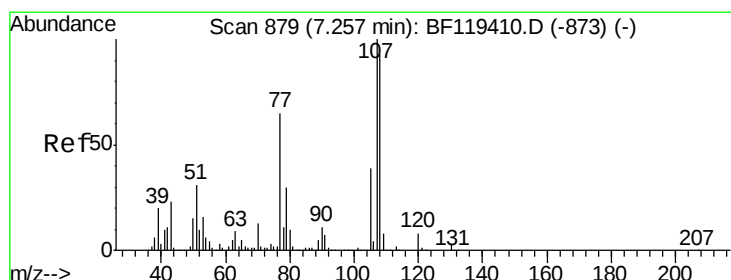
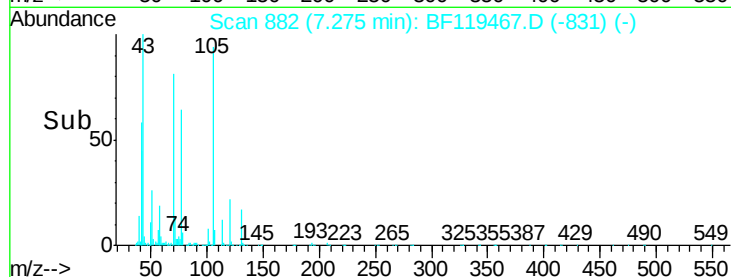
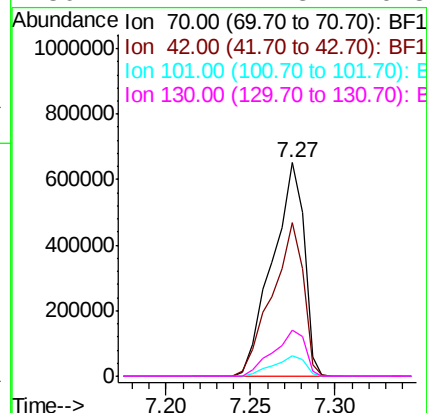
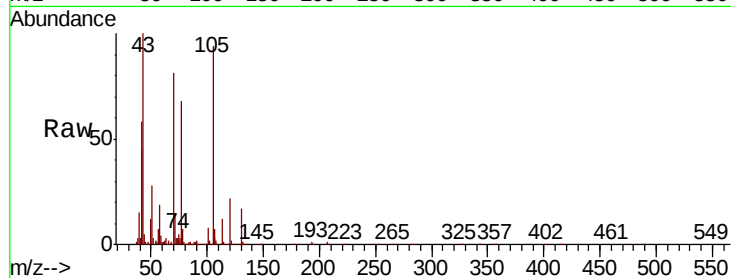




#19
n-Nitroso-di-n-propylamine
Concen: 38.906 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

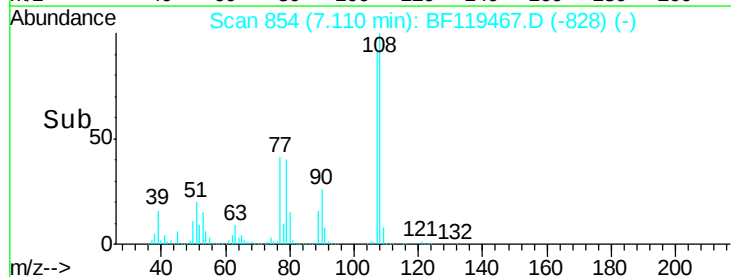
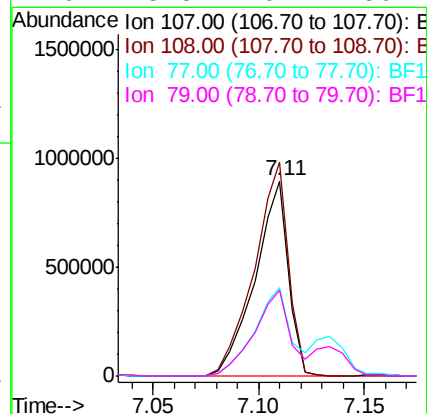
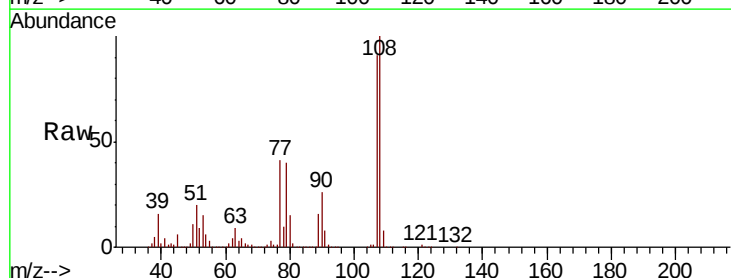
Instrument :
BNA_F
ClientSampleId :

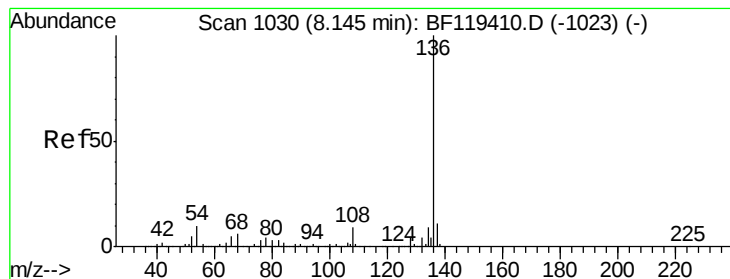
Tot Ion:	70	Resp:	843930
Ion	Ratio	Lower	Upper
70	100		
42	72.0	58.2	87.4
101	9.6	7.4	11.2
130	21.4	17.8	26.8



#20
3+4-Methylphenols
Concen: 29.488 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.15 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:	107	Resp:	979699
Ion	Ratio	Lower	Upper
107	100		
108	109.6	72.6	112.6
77	45.1	44.7	84.7
79	43.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1709059

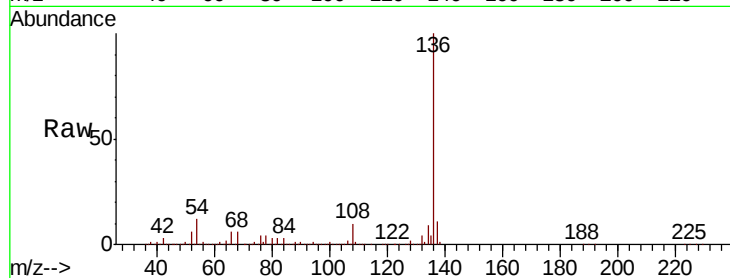
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.7 8.3 12.5

68 5.9 4.9 7.3

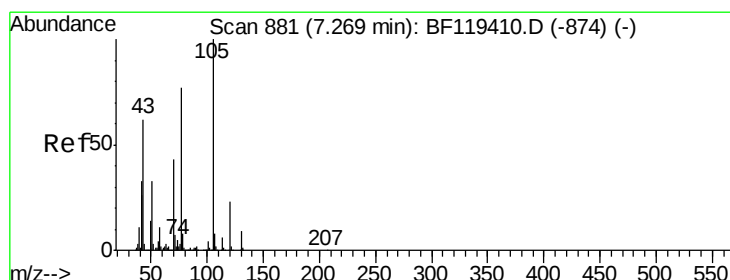
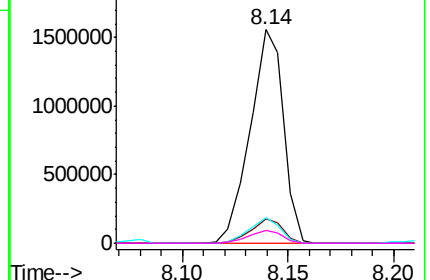
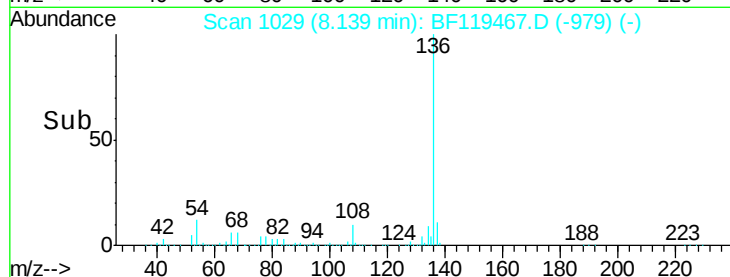


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.713 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion:105 Resp: 1540104

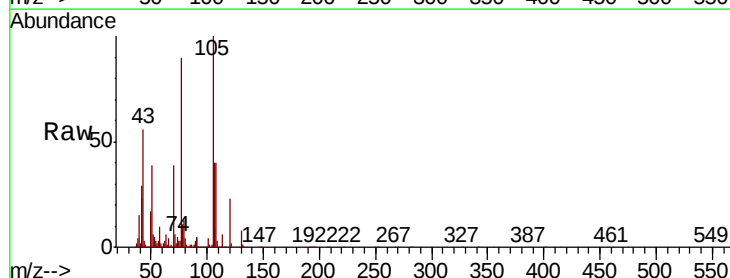
Ion Ratio Lower Upper

105 100

71 6.5 5.8 8.6

51 38.5 26.8 40.2

120 23.1 18.0 27.0

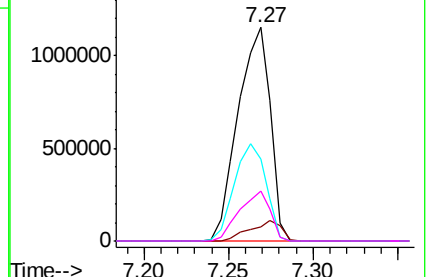
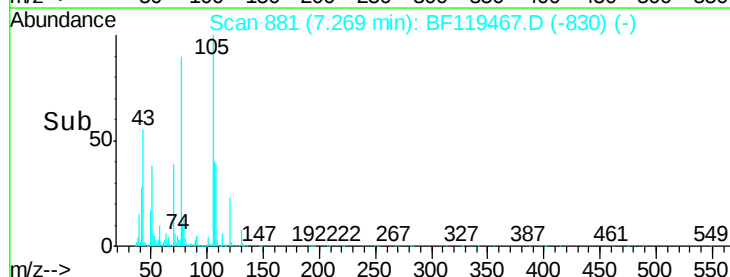


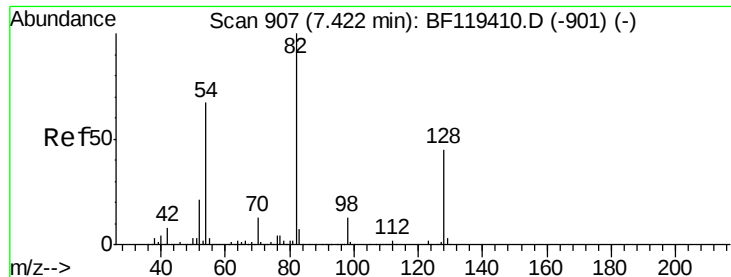
Abundance Ion 105.00 (104.70 to 105.70): E

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

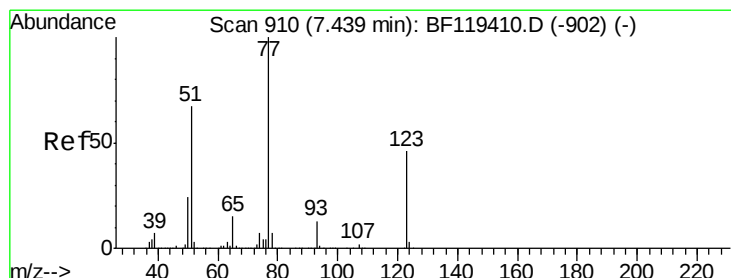
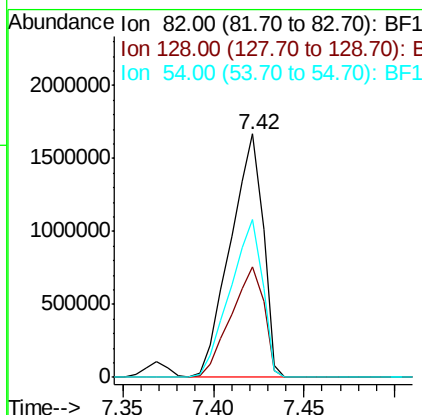
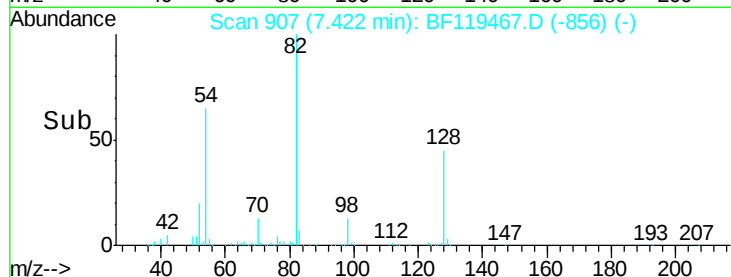
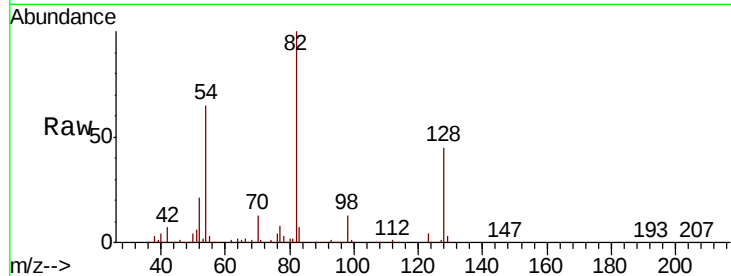




#23
Nitrobenzene-d5
Concen: 66.627 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

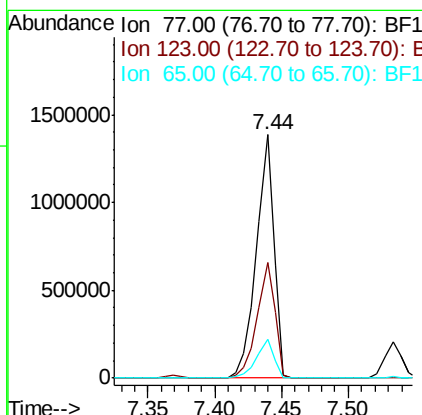
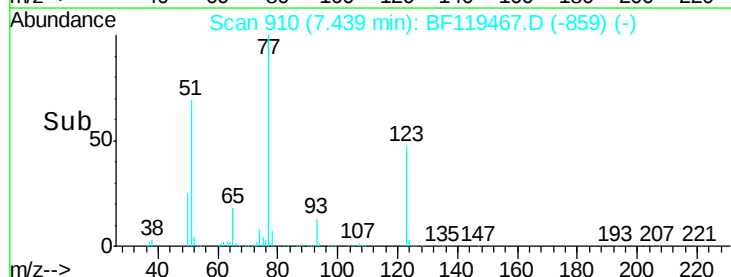
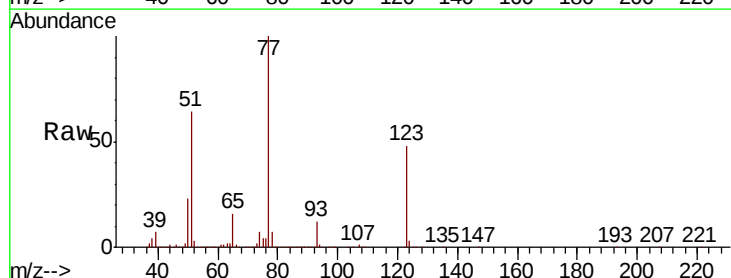
Instrument :
BNA_F
ClientSampleId :

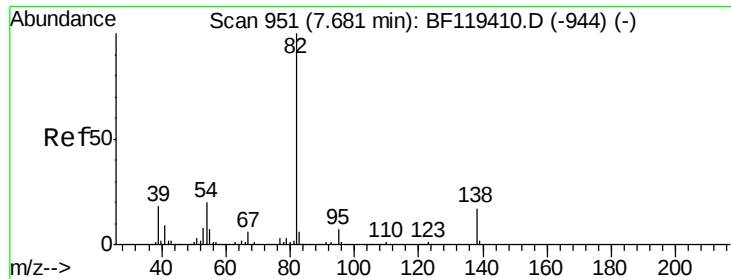
Tot Ion: 82 Resp: 2095184
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.8
54 64.6 53.4 80.0



#24
Nitrobenzene
Concen: 37.124 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion: 77 Resp: 1247632
Ion Ratio Lower Upper
77 100
123 47.6 36.9 55.3
65 16.0 12.2 18.4





#25

Isophorone

Concen: 37.495 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

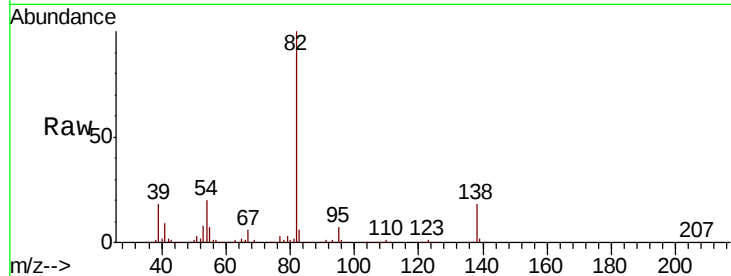
Tot Ion: 82 Resp: 2391807

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.1	13.8	20.8

82 100

95 6.9 5.4 8.2

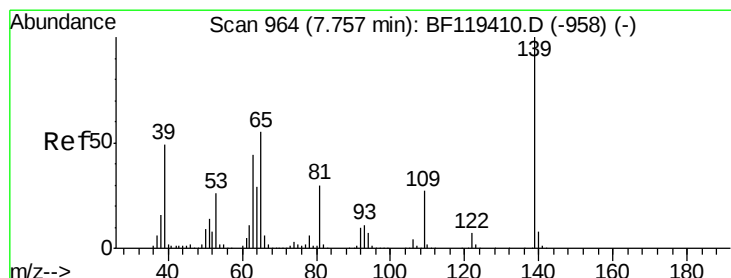
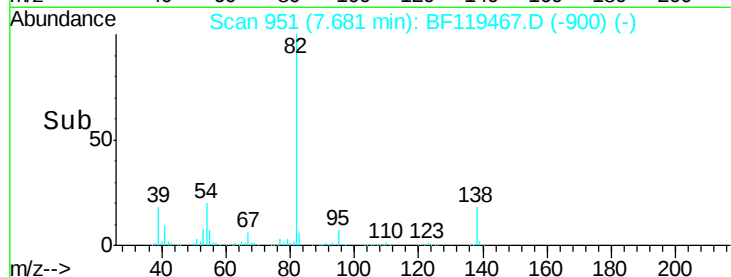
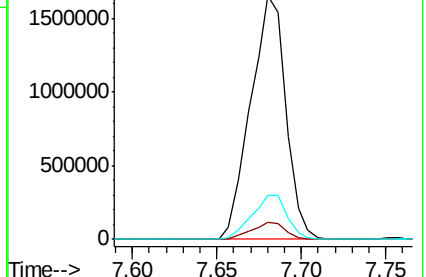
138 18.1 13.8 20.8



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: 48.702 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

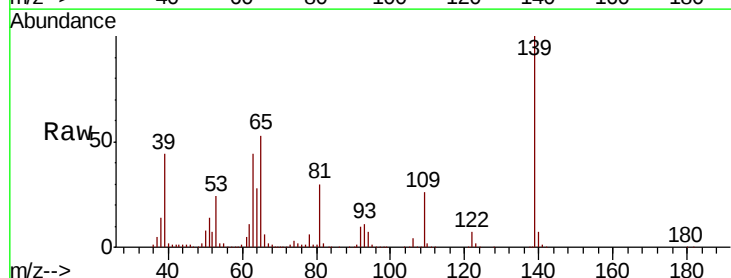
Tgt Ion: 139 Resp: 644439

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.7	32.5
65	53.5	43.9	65.9

139 100

109 26.1 21.7 32.5

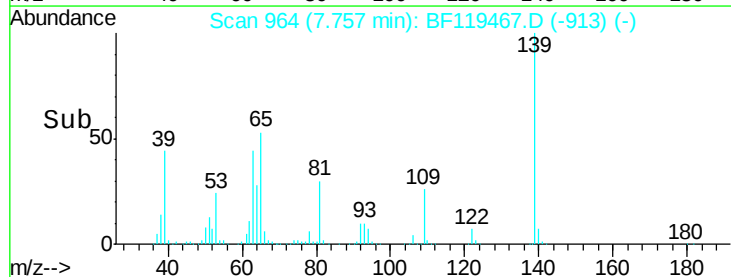
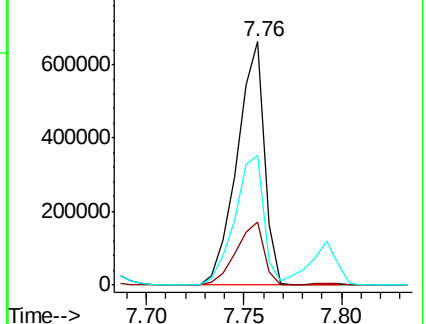
65 53.5 43.9 65.9

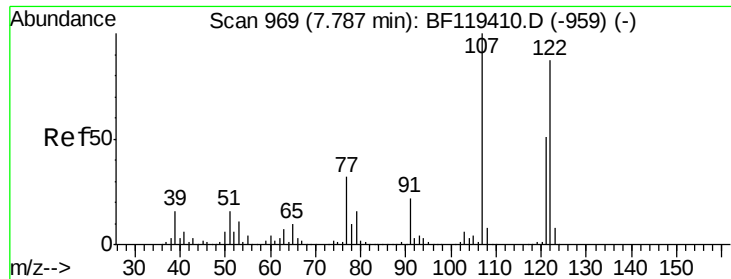


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

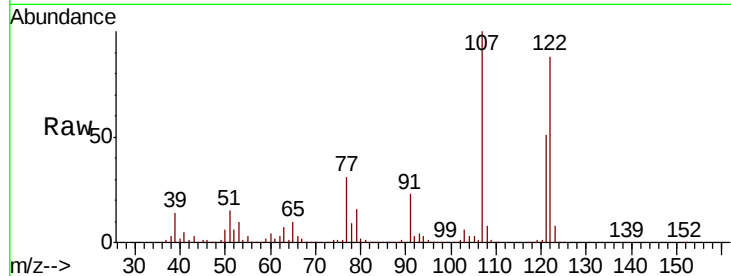




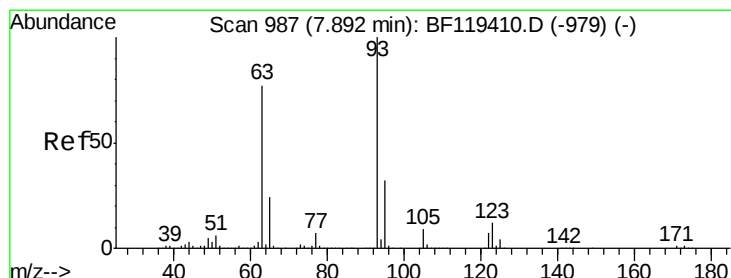
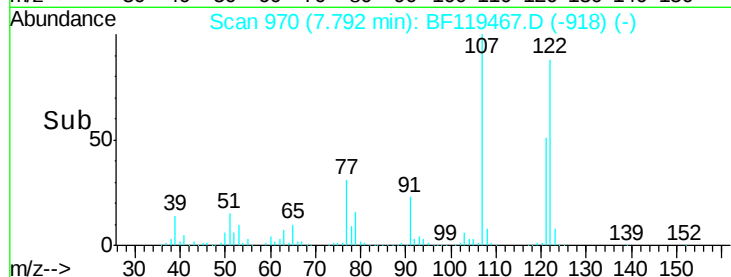
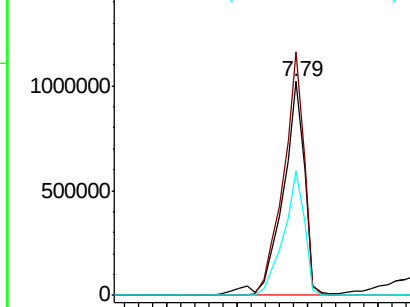
#27
2,4-Dimethylphenol
Concen: 40.349 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1103994
Ion Ratio Lower Upper
122 100
107 113.9 91.8 137.6
121 58.5 46.5 69.7

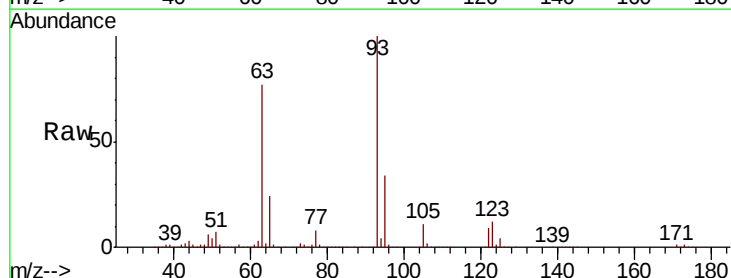


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

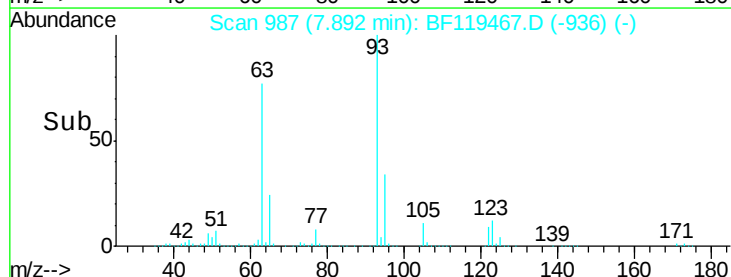
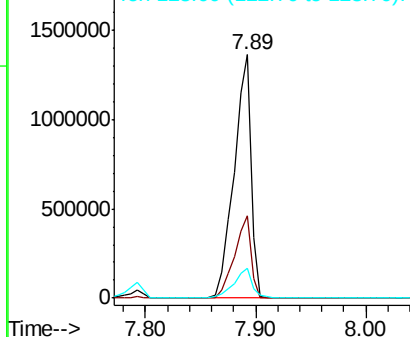


#28
bis(2-Chloroethoxy)methane
Concen: 38.988 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion: 93 Resp: 1470671
Ion Ratio Lower Upper
93 100
95 33.9 26.0 39.0
123 12.1 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

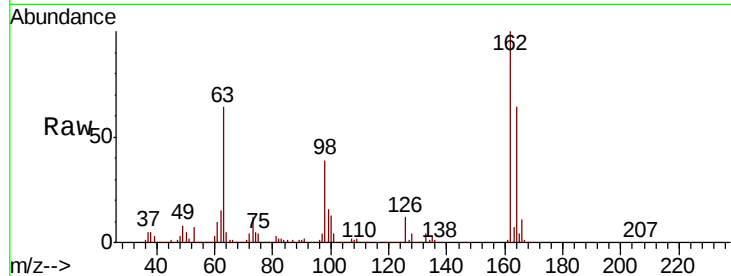




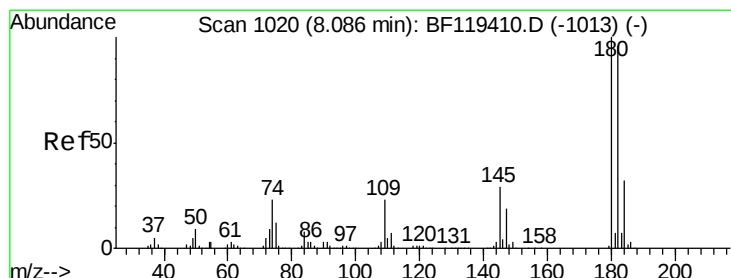
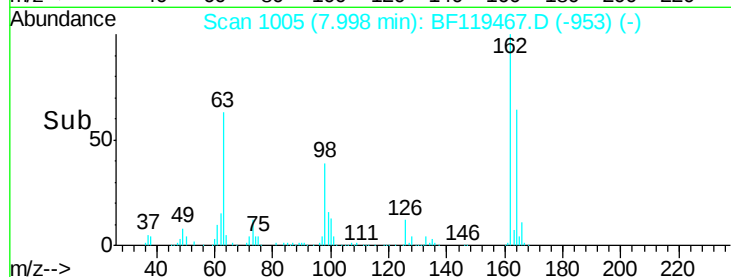
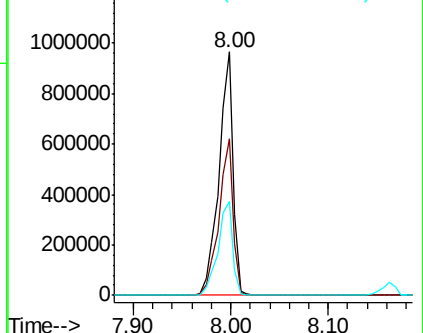
#29
2,4-Dichlorophenol
Concen: 38.521 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 968430
Ion Ratio Lower Upper
162 100
164 64.1 43.6 83.6
98 38.6 20.4 60.4

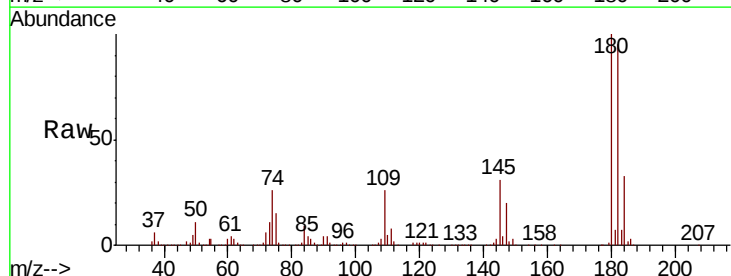


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

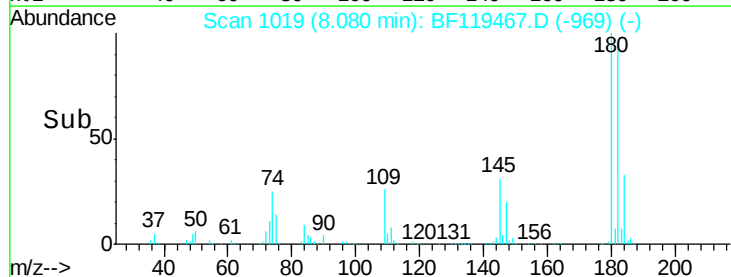
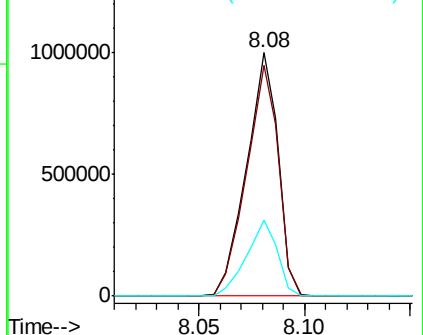


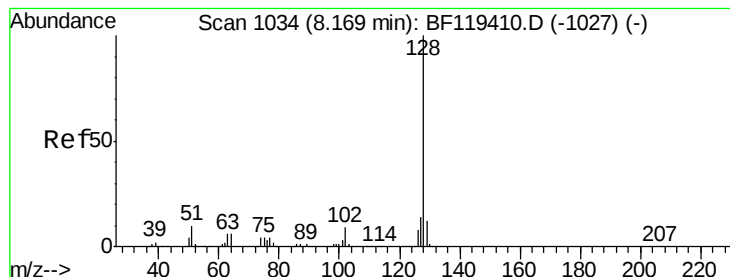
#30
1,2,4-Trichlorobenzene
Concen: 37.372 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:180 Resp: 1039051
Ion Ratio Lower Upper
180 100
182 95.0 76.6 115.0
145 31.4 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.770 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

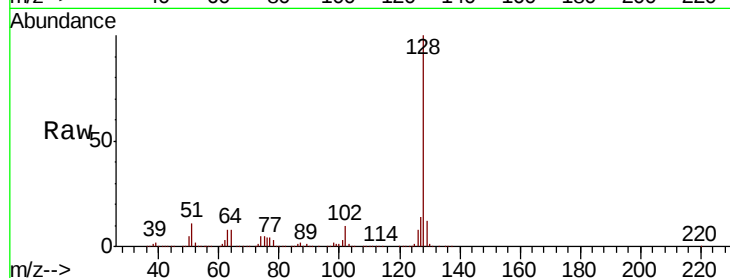
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 3233907

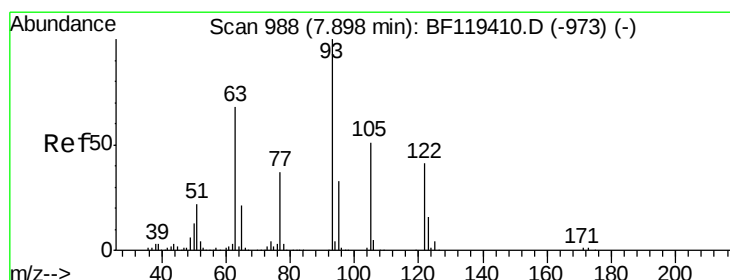
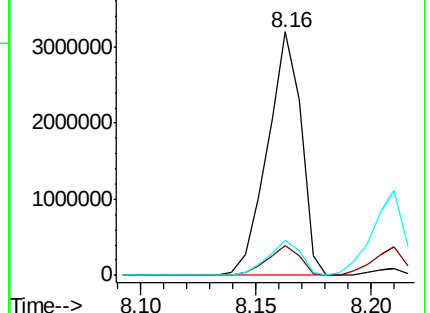
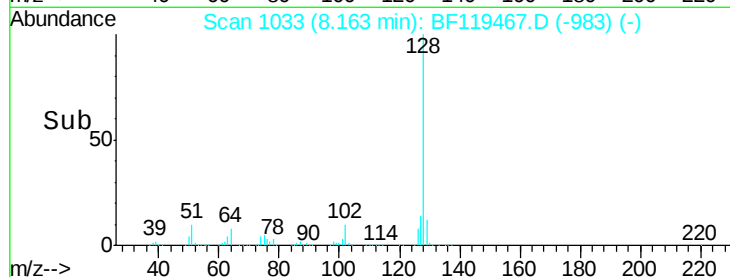
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	14.3	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.402 ng

RT: 7.91 min Scan# 990

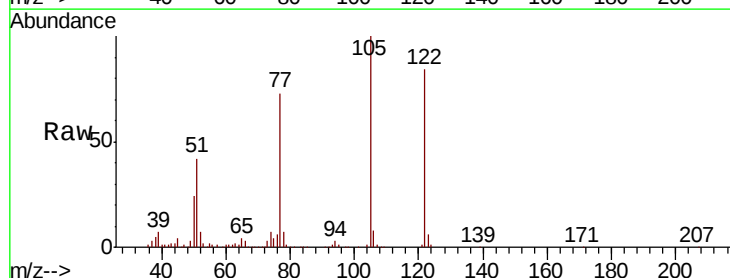
Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion:122 Resp: 429472

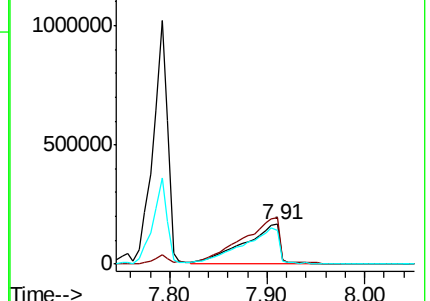
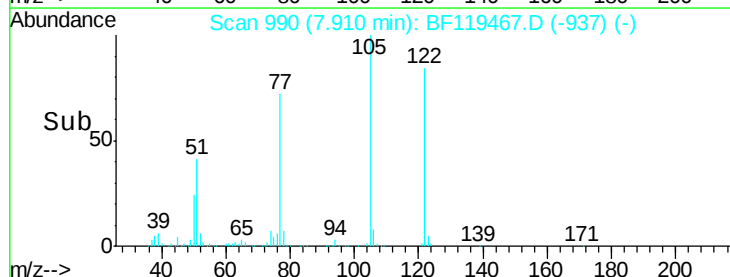
Ion	Ratio	Lower	Upper
122	100		
105	118.5	102.9	142.9
77	86.4	70.1	110.1

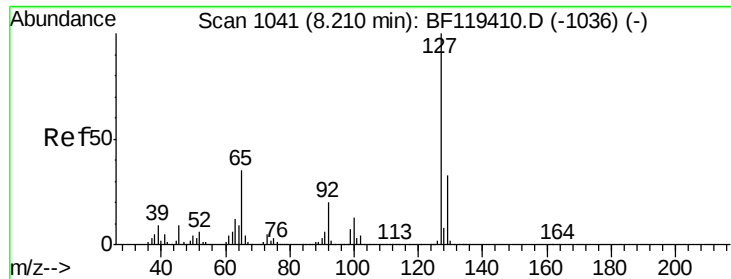


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

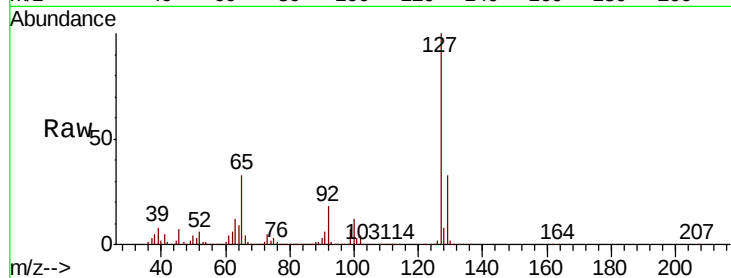




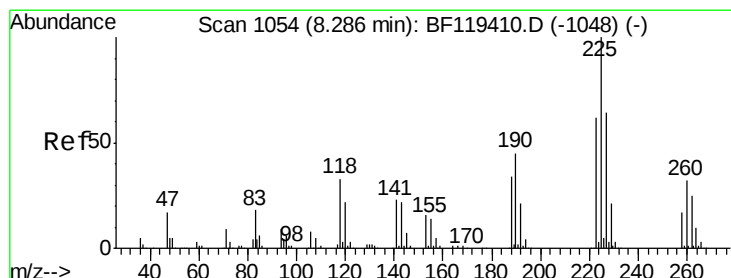
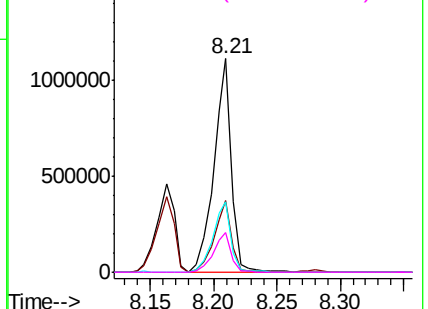
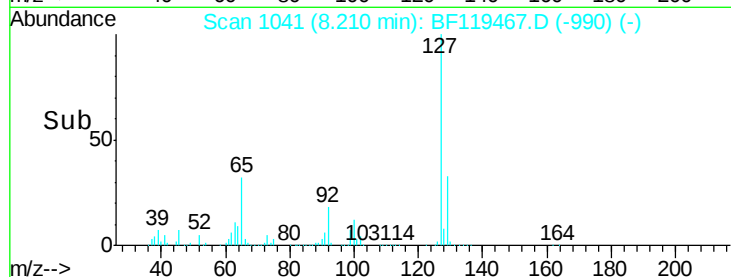
#33
4-Chloroaniline
Concen: 26.699 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1075961
Ion Ratio Lower Upper
127 100
129 33.3 26.2 39.4
65 33.1 27.7 41.5
92 18.5 15.8 23.6

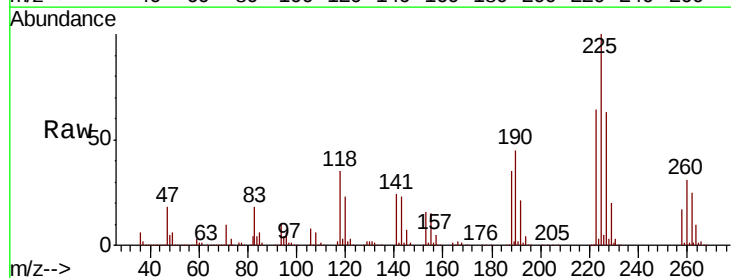


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

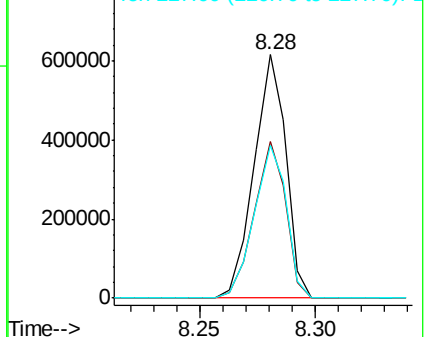
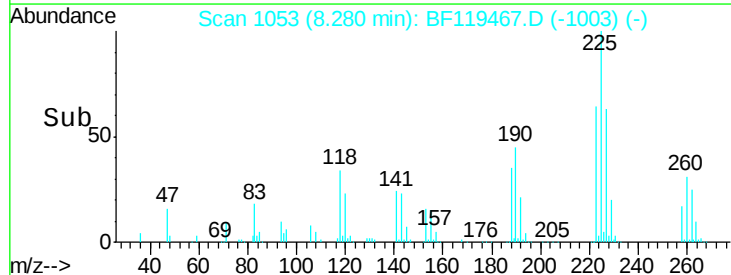


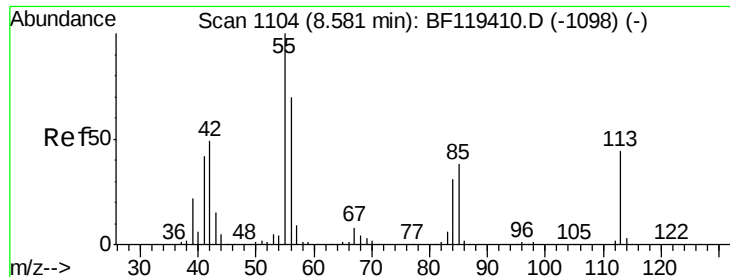
#34
Hexachlorobutadiene
Concen: 38.109 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:225 Resp: 592811
Ion Ratio Lower Upper
225 100
223 64.4 49.2 73.8
227 62.8 51.1 76.7



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

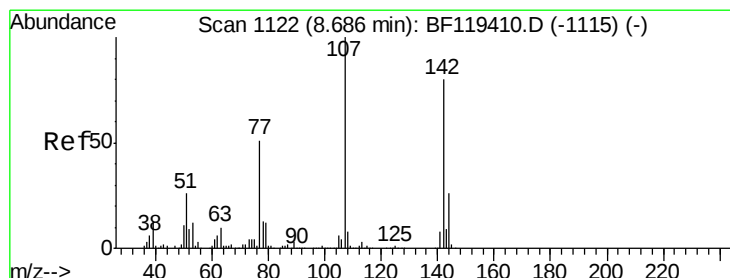
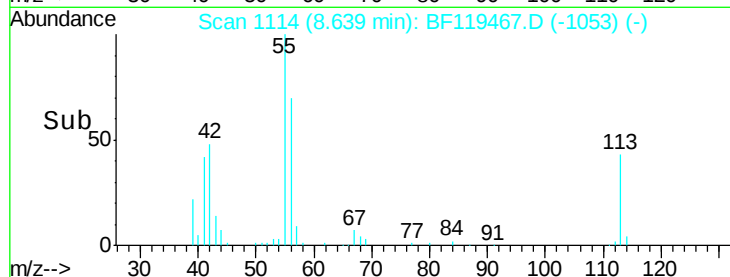
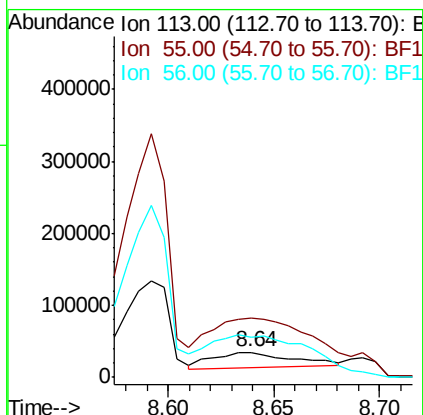
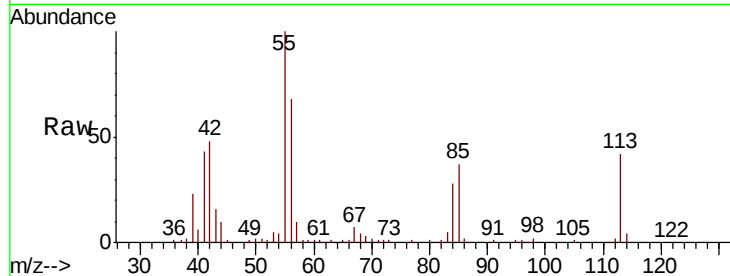




#35
 Caprolactam
 Concen: 6.861 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.06 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

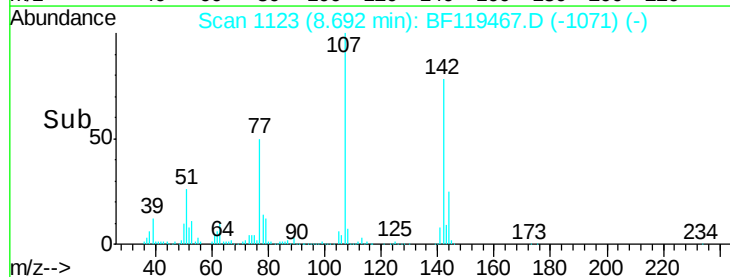
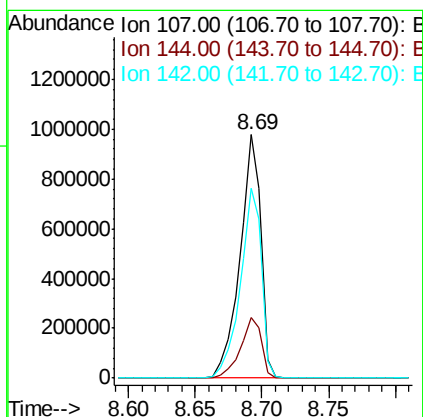
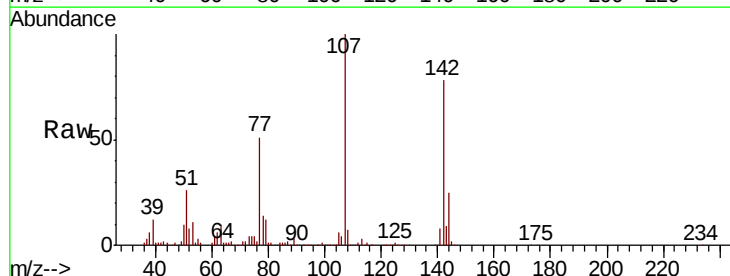
Instrument :
 BNA_F
 ClientSampled :

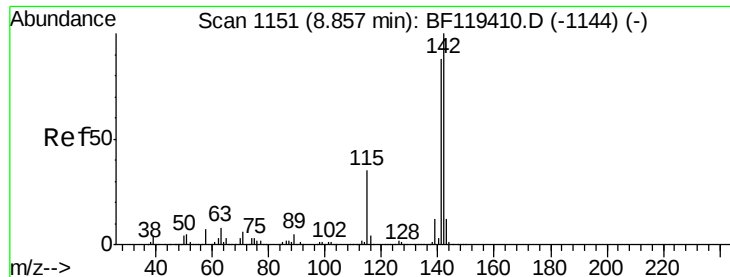
Tot Ion:113 Resp: 56451
 Ion Ratio Lower Upper
 113 100
 55 236.7 208.4 248.4
 56 161.8 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.697 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:107 Resp: 1063278
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.6 31.0
 142 77.8 63.8 95.6

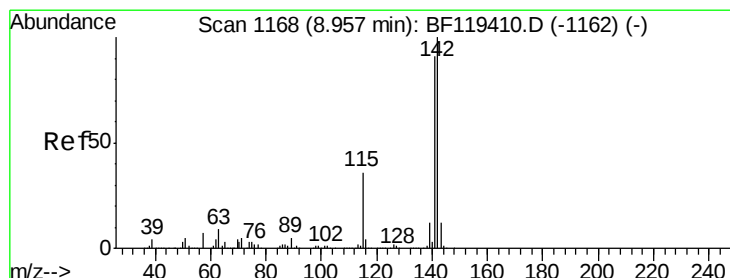
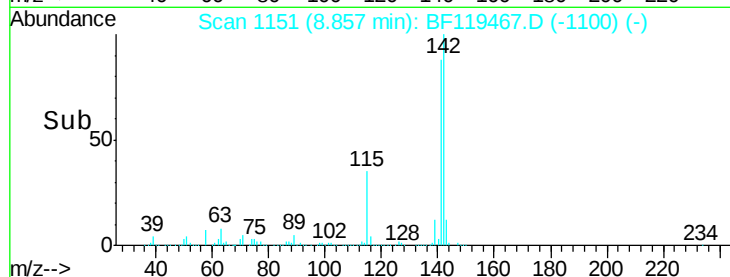
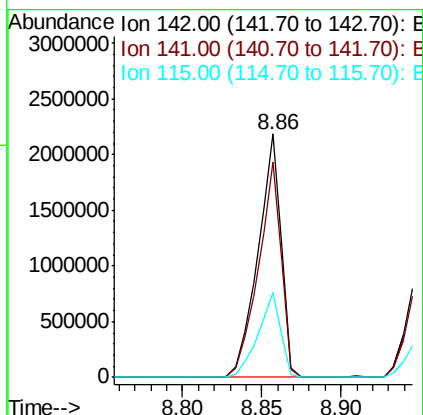
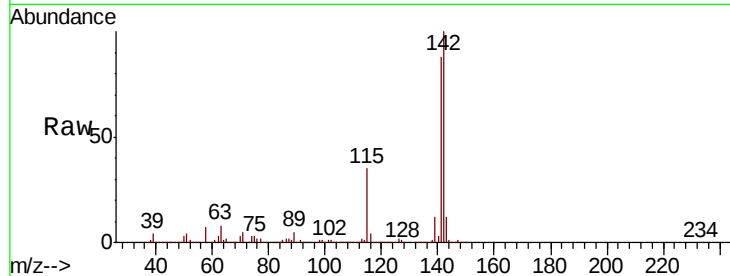




#37
2-Methylnaphthalene
Concen: 38.514 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

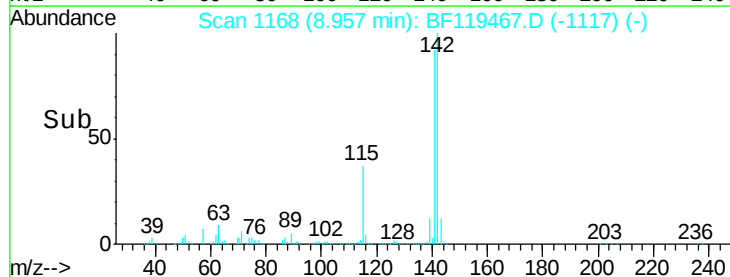
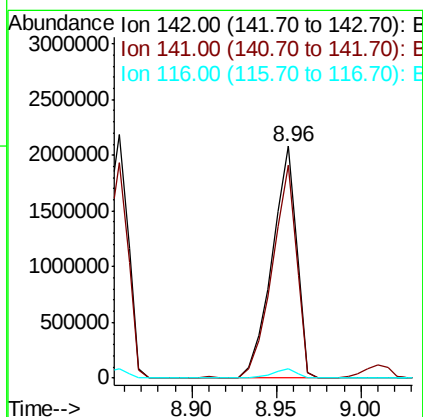
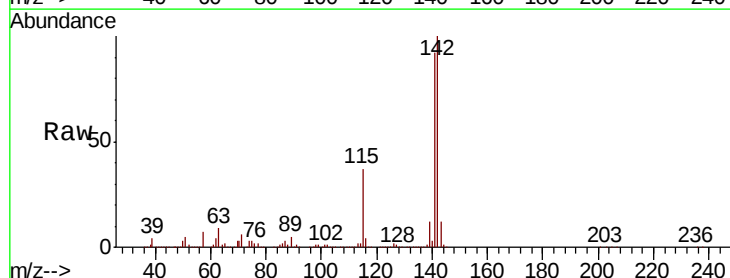
Instrument :
BNA_F
ClientSampleId :

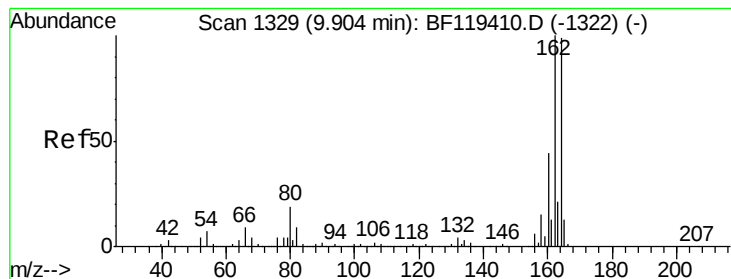
Tot Ion:142 Resp: 2223060
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 35.1 27.8 41.6



#38
1-Methylnaphthalene
Concen: 38.244 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:142 Resp: 2089418
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

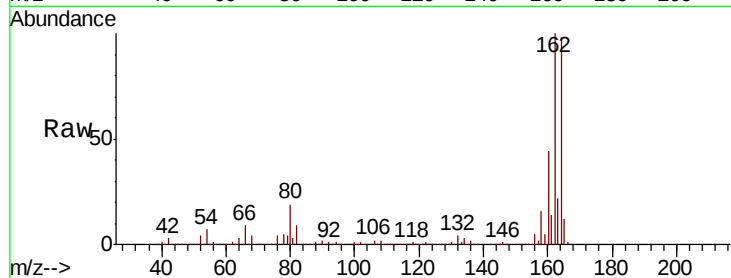
Tot Ion:164 Resp: 900930

Ion Ratio Lower Upper

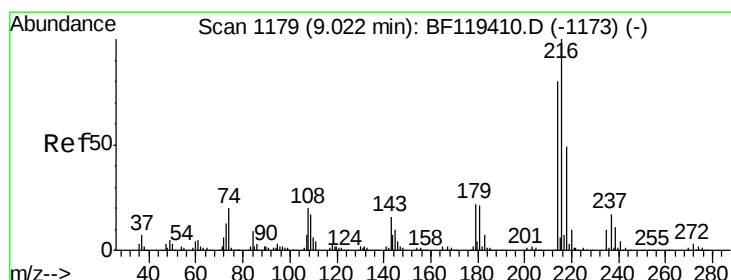
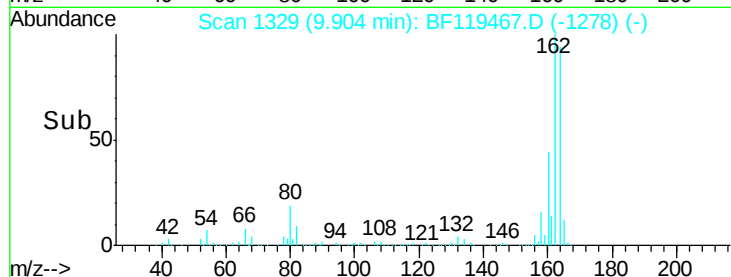
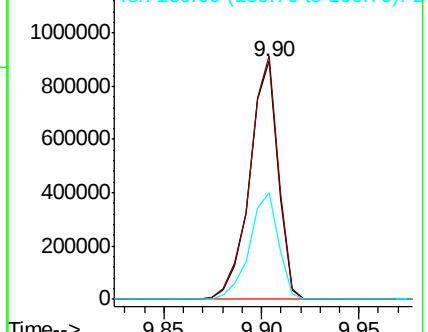
164 100

162 102.3 80.7 121.1

160 44.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.651 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion:216 Resp: 941430

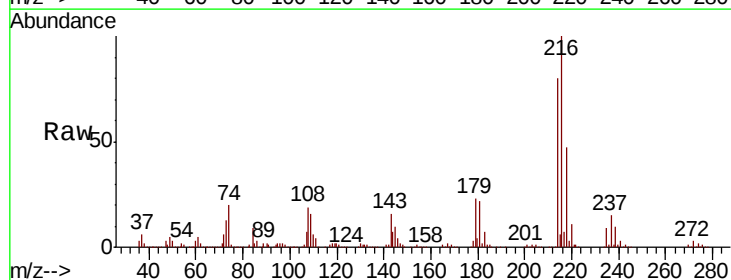
Ion Ratio Lower Upper

216 100

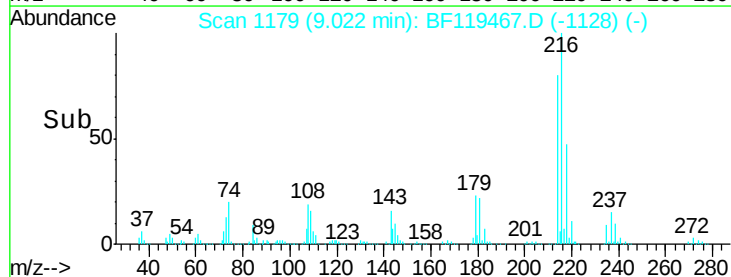
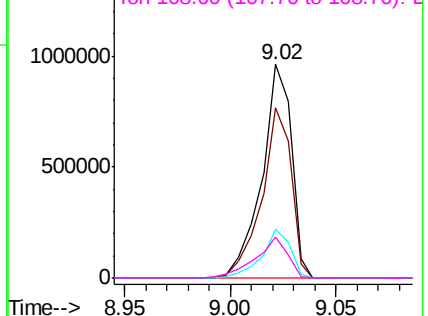
214 79.3 63.0 94.6

179 21.7 17.0 25.4

108 20.6 15.4 23.0



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: 64.748 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

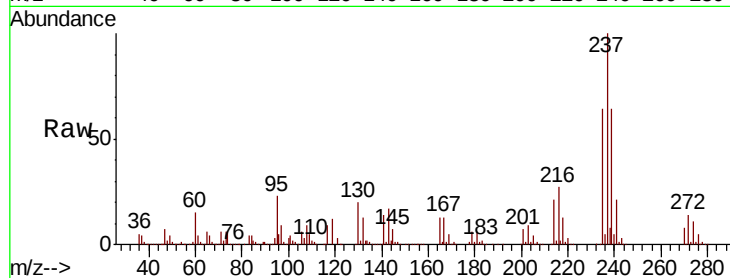
Tot Ion:237 Resp: 972048

Ion Ratio Lower Upper

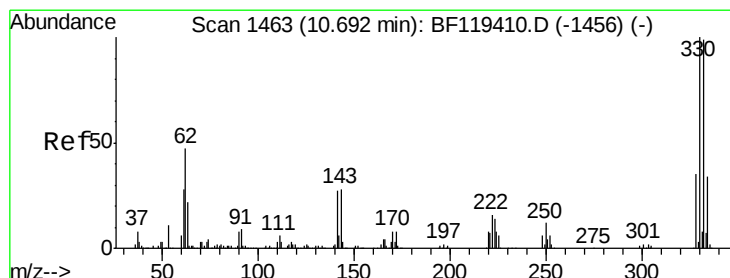
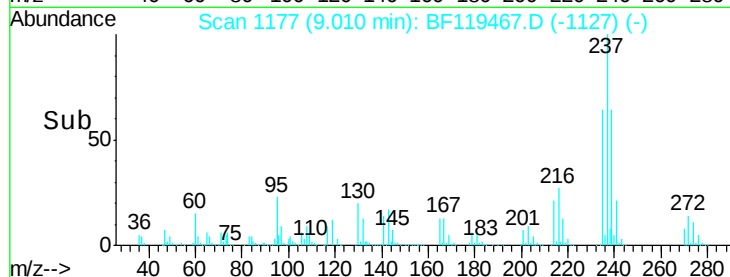
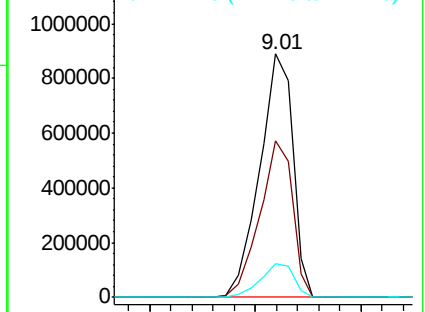
237 100

235 64.2 42.5 82.5

272 13.9 0.0 34.3



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: 105.999 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

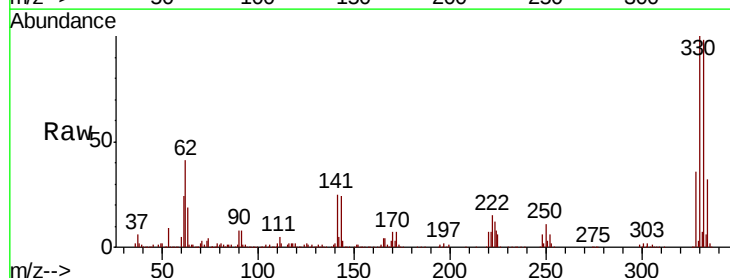
Tgt Ion:330 Resp: 985219

Ion Ratio Lower Upper

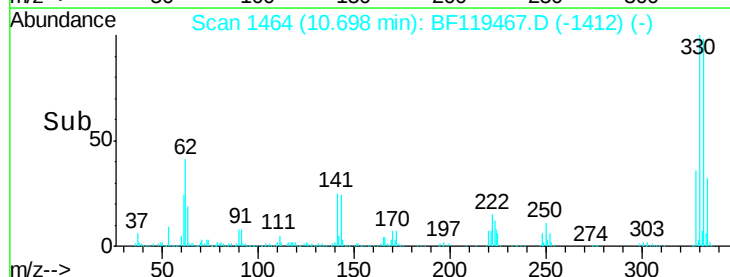
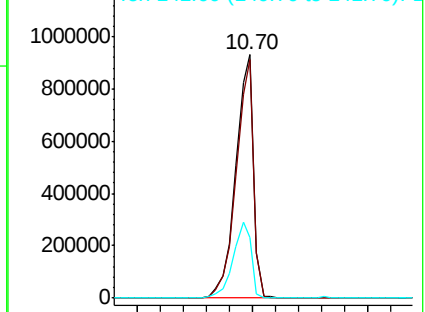
330 100

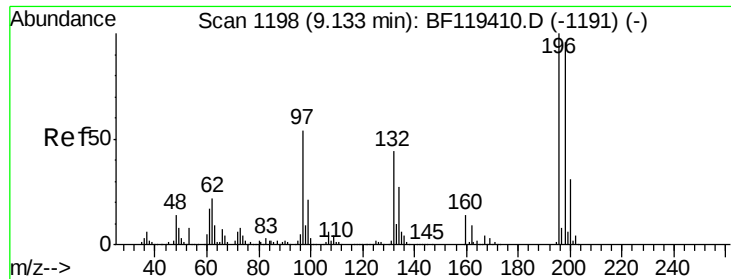
332 95.8 77.6 116.4

141 32.3 26.6 40.0



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

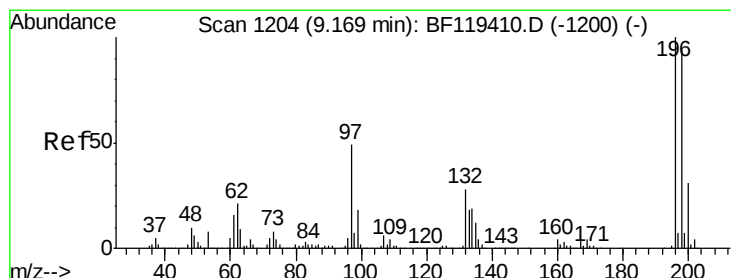
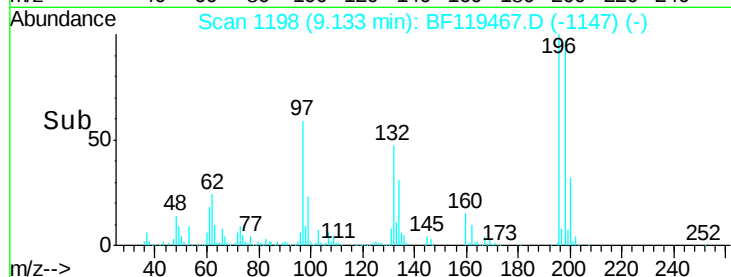
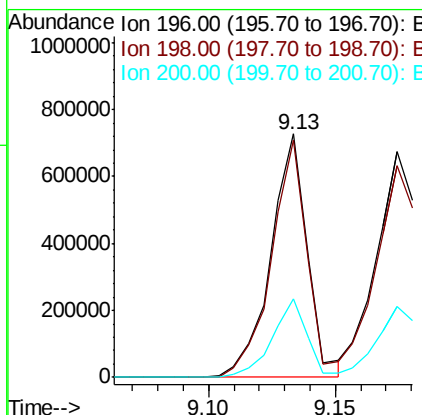
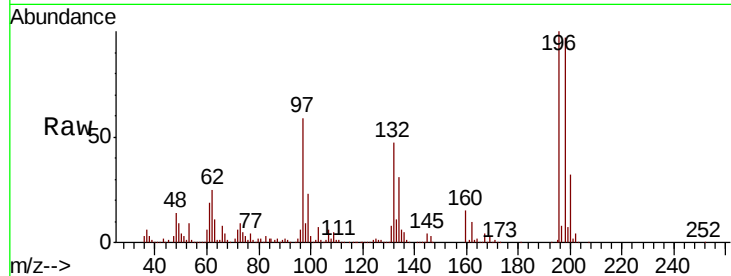




#43
 2,4,6-Trichlorophenol
 Concen: 38.307 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

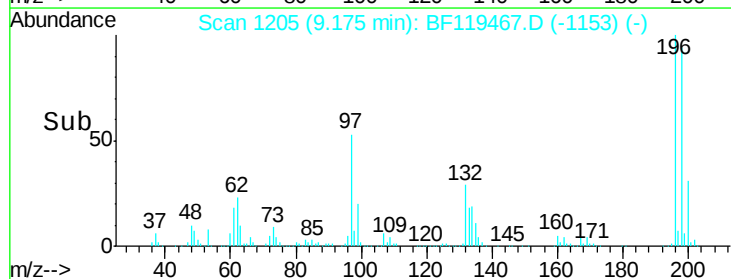
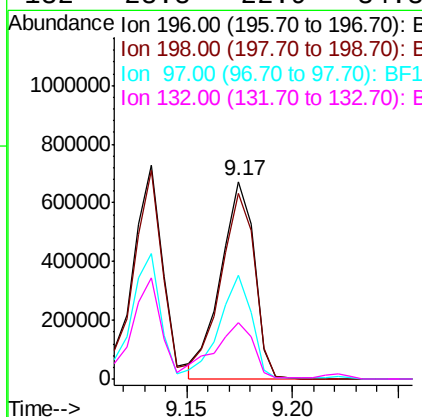
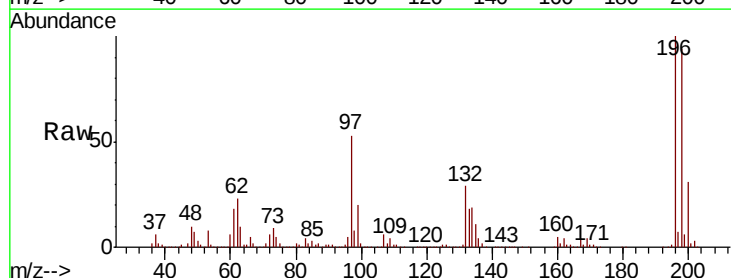
Instrument :
 BNA_F
 ClientSampled :

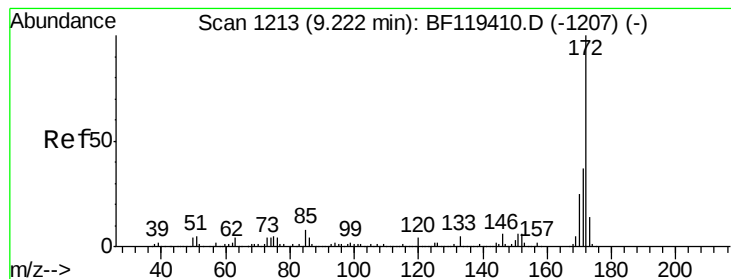
Tot Ion	196	Resp	723905
Ion Ratio	Lower	Upper	
196	100		
198	97.4	77.0	115.4
200	32.0	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 35.023 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion	196	Resp	741421
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.3	112.9
97	52.8	39.0	58.4
132	28.8	22.9	34.3





#45

2-Fluorobiphenyl

Concen: 60.563 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

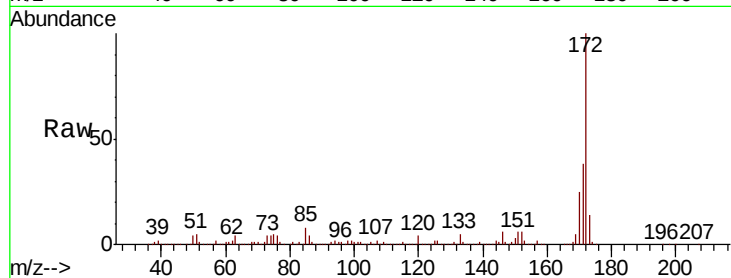
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3683032

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	25.3	20.1	30.1

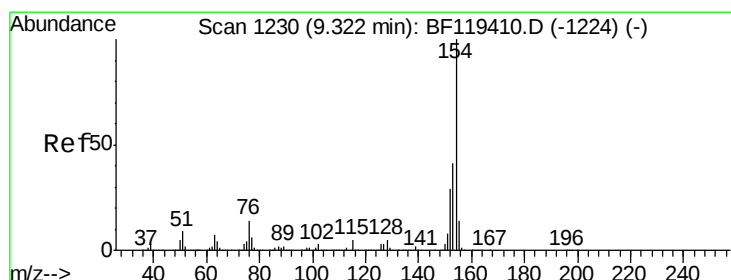
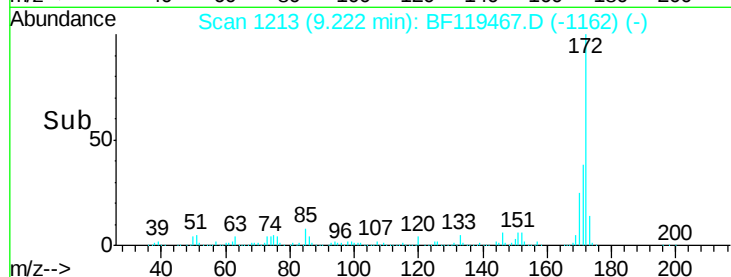
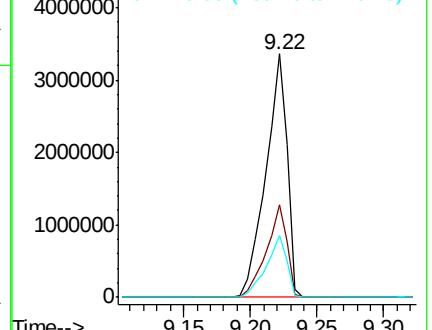


Abundance

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: 35.605 ng

RT: 9.32 min Scan# 1230

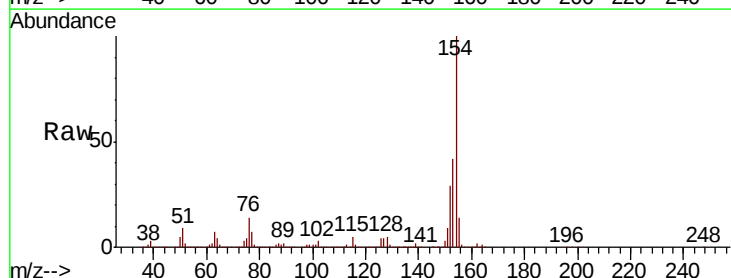
Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion:154 Resp: 2612583

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	13.9	0.0	33.6

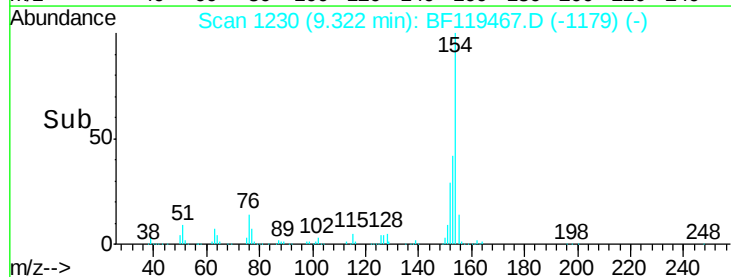
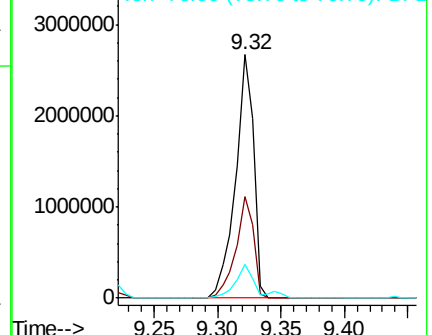


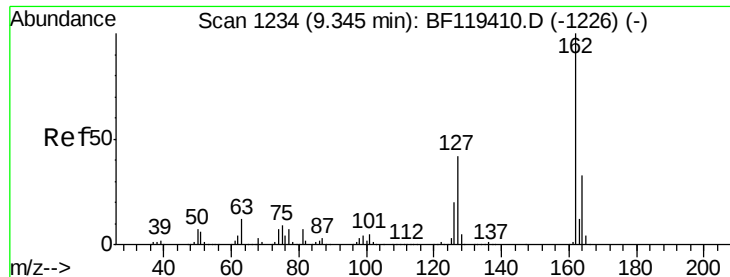
Abundance

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

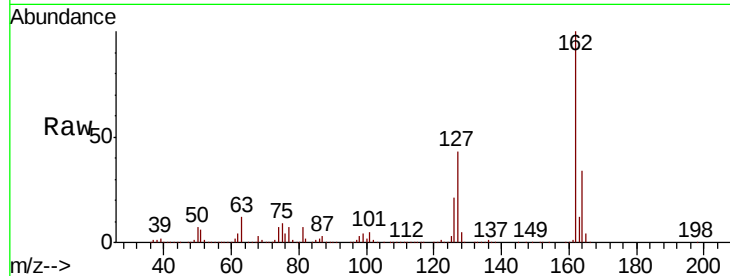




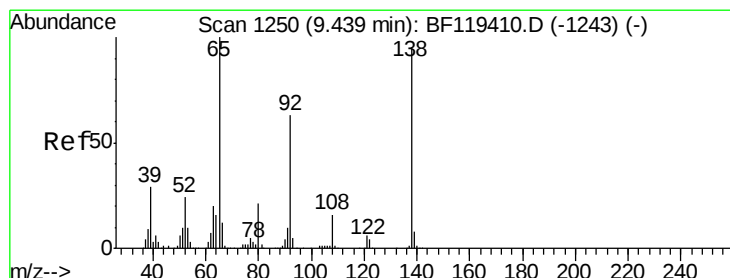
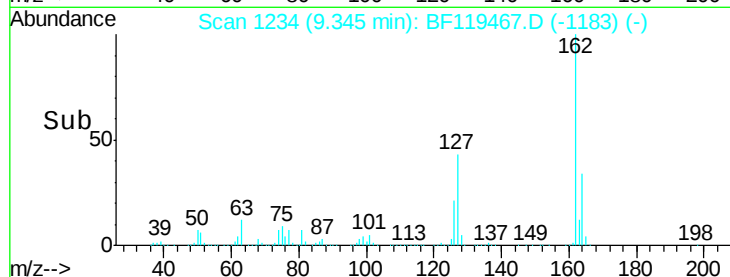
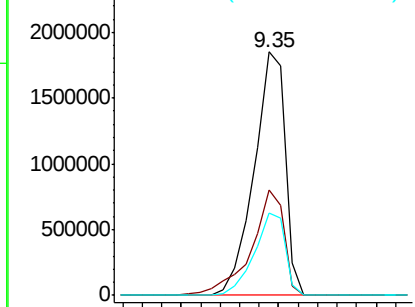
#47
 2-Chloronaphthalene
 Concen: 35.553 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 2043459
 Ion Ratio Lower Upper
 162 100
 127 43.4 33.7 50.5
 164 33.9 26.2 39.4

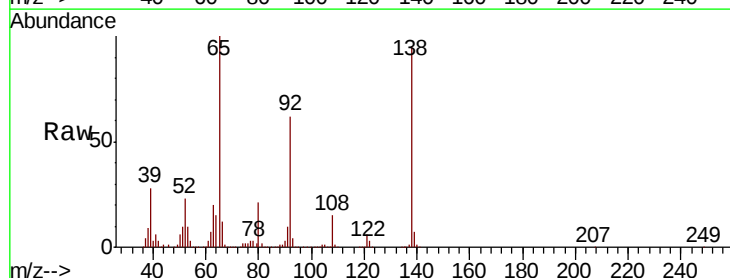


Abundance Ion 162.00 (161.70 to 162.70): E
 2500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

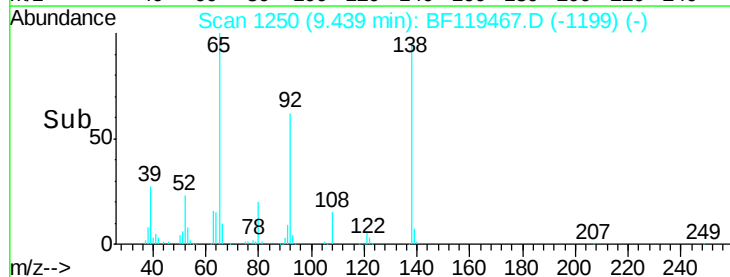
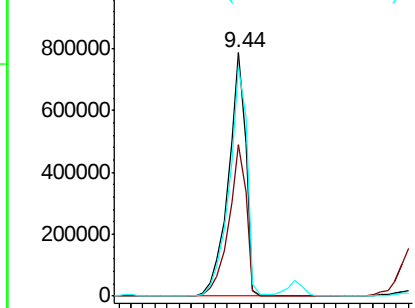


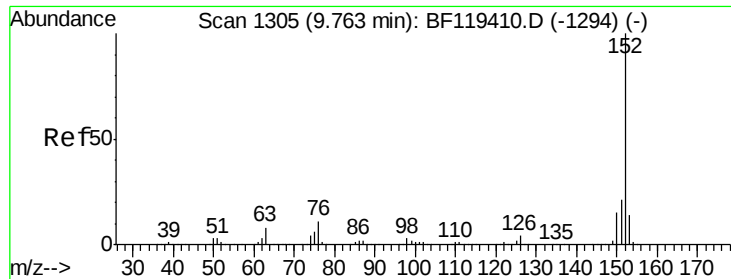
#48
 2-Nitroaniline
 Concen: 39.668 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion: 65 Resp: 786963
 Ion Ratio Lower Upper
 65 100
 92 62.0 50.5 75.7
 138 94.5 75.8 113.8



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: 35.807 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

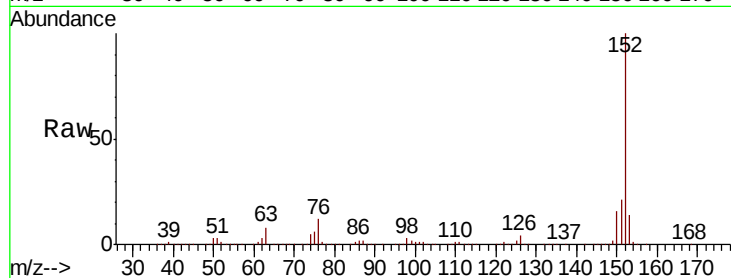
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3231923

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	14.4	11.2	16.8

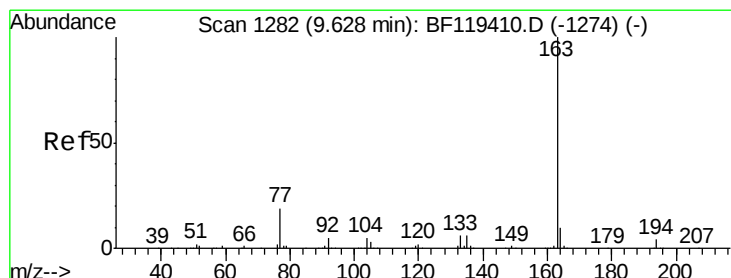
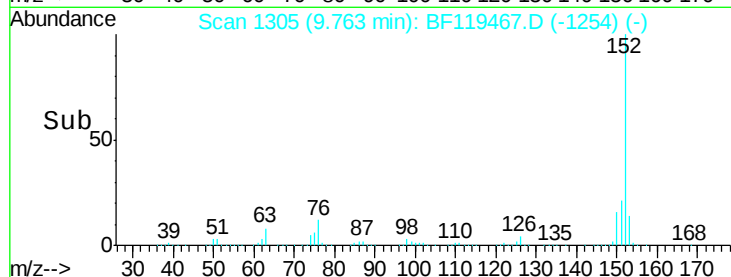
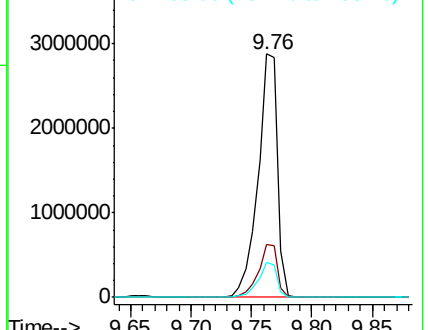


Abundance

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: 37.340 ng

RT: 9.63 min Scan# 1282

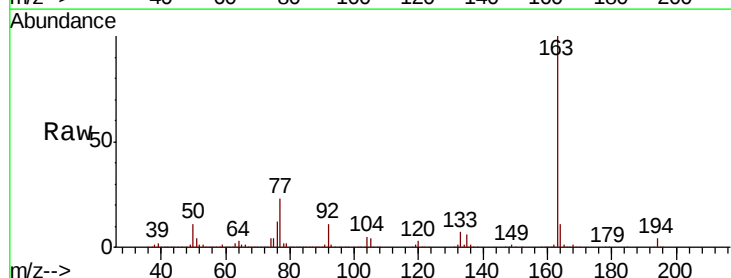
Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Tgt Ion:163 Resp: 2389503

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.6	8.1	12.1

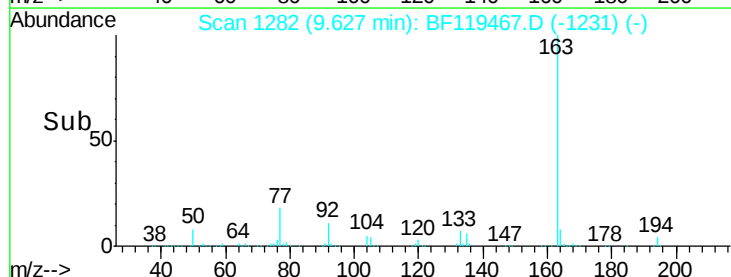
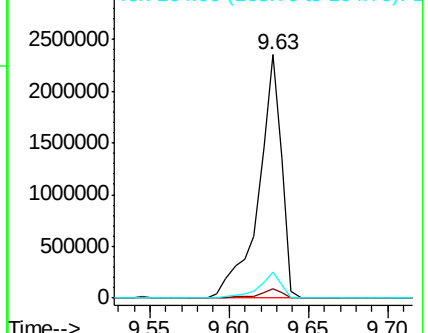


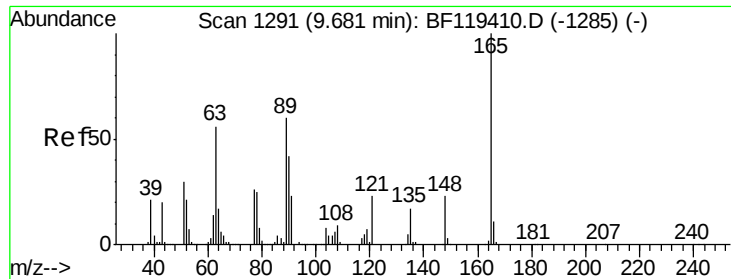
Abundance

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

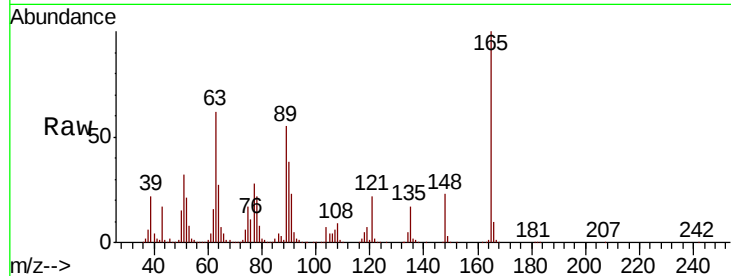




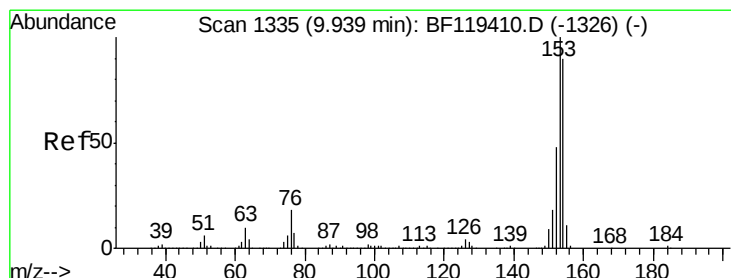
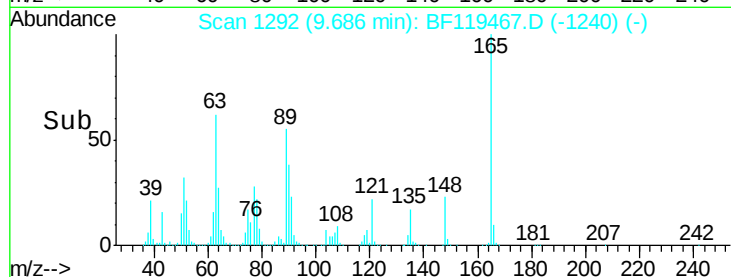
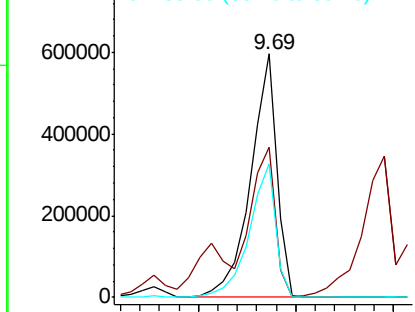
#51
2,6-Dinitrotoluene
Concen: 40.412 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 554316
Ion Ratio Lower Upper
165 100
63 61.8 57.3 85.9
89 54.9 47.8 71.8

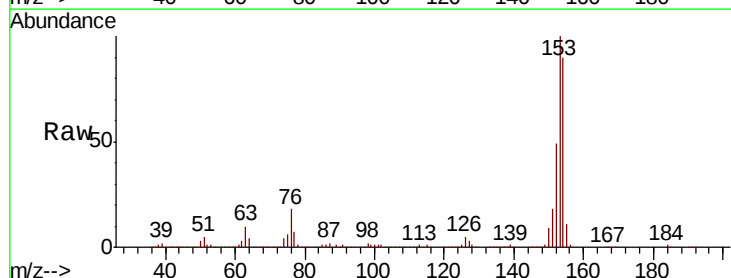


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

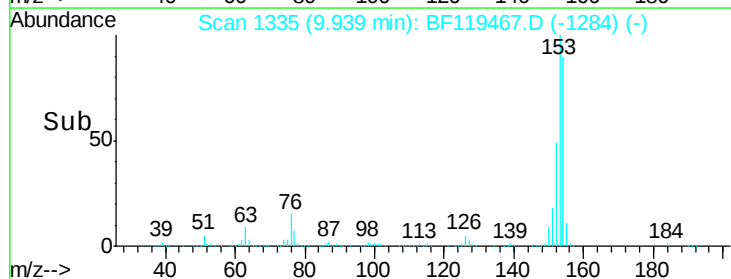
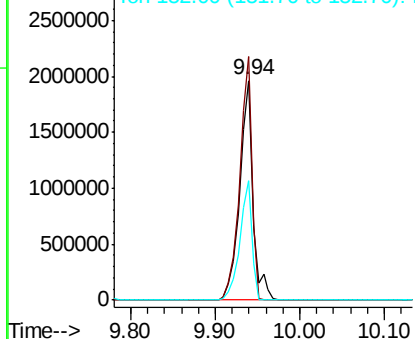


#52
Acenaphthene
Concen: 37.247 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:154 Resp: 2095828
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.6
152 54.5 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

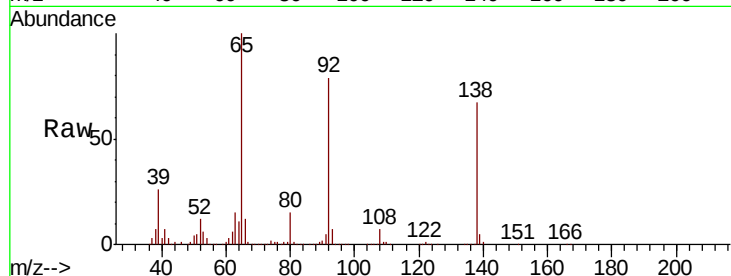




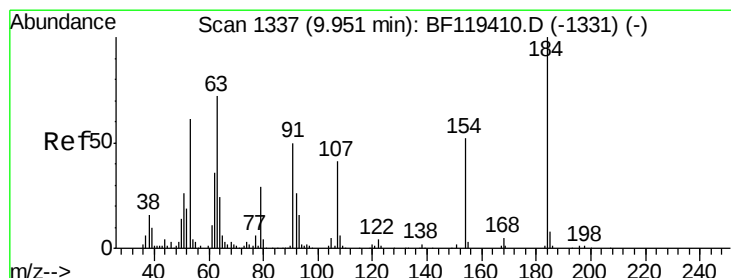
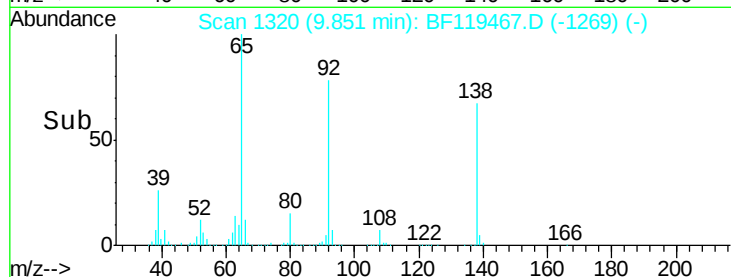
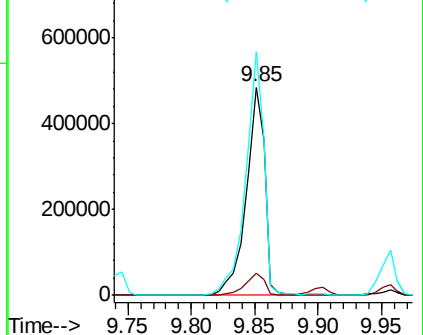
#53
3-Nitroaniline
Concen: 28.288 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 489855
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.6
92 117.1 93.2 139.8

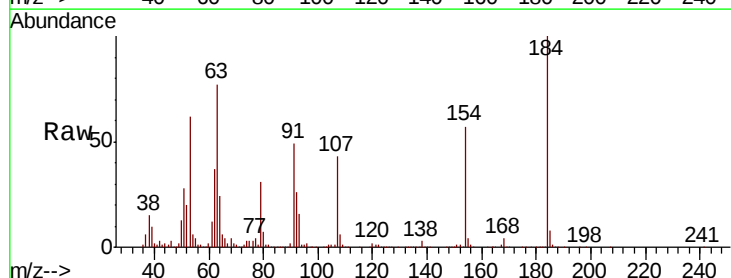


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

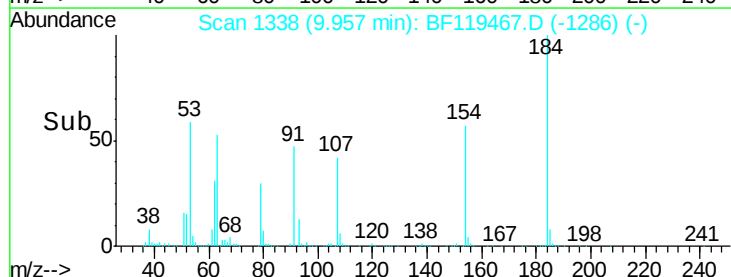
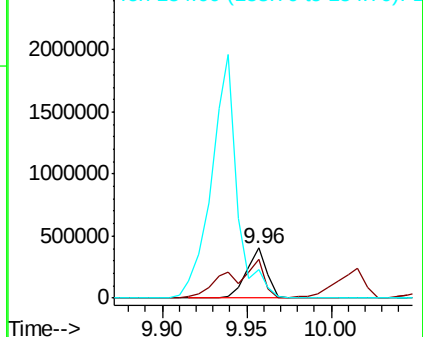


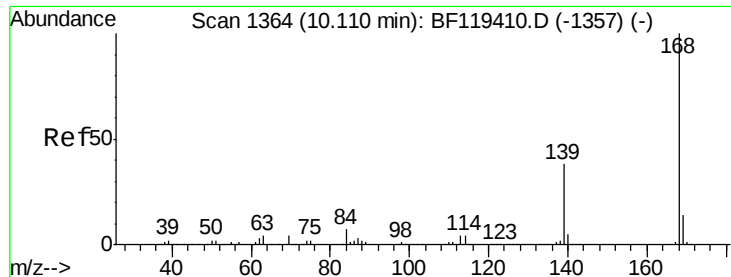
#54
2,4-Dinitrophenol
Concen: 59.873 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:184 Resp: 343409
Ion Ratio Lower Upper
184 100
63 77.0 58.5 87.7
154 57.4 51.8 77.6



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

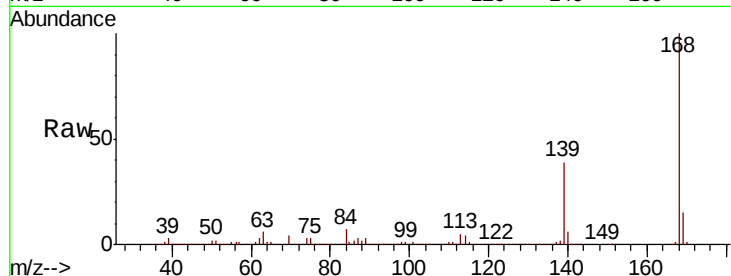




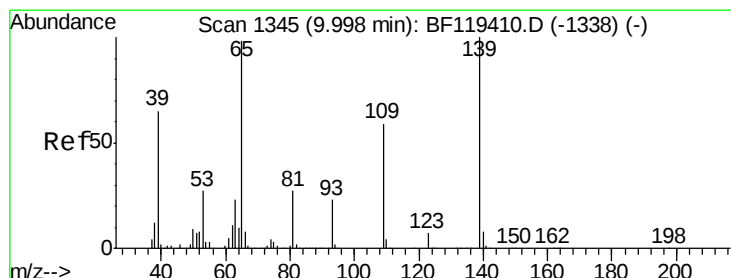
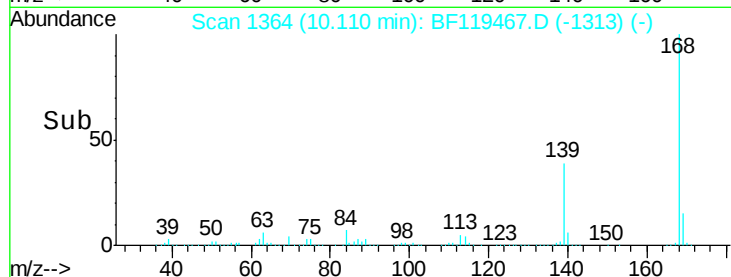
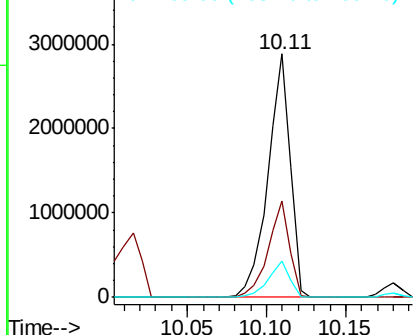
#55
Dibenzenofuran
Concen: 35.269 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2845300
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.4
169 14.7 11.1 16.7

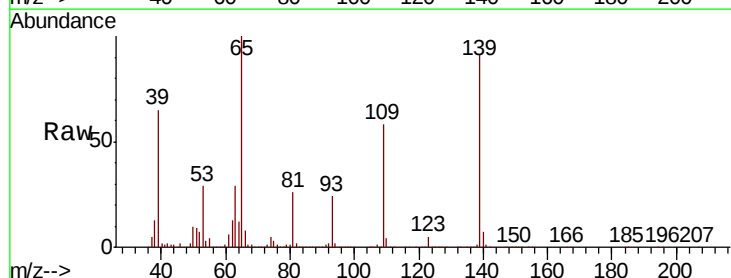


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

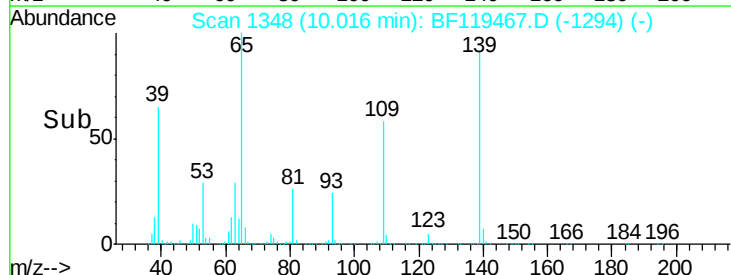
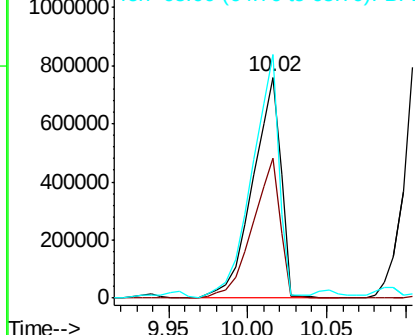


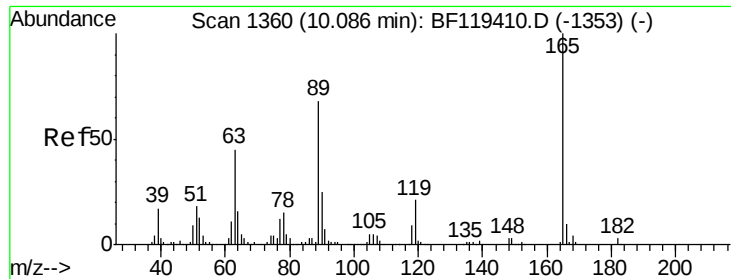
#56
4-Nitrophenol
Concen: 69.259 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:139 Resp: 946132
Ion Ratio Lower Upper
139 100
109 63.4 39.6 79.6
65 110.1 78.3 118.3



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

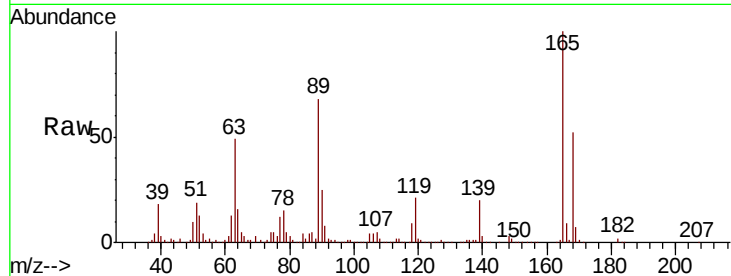




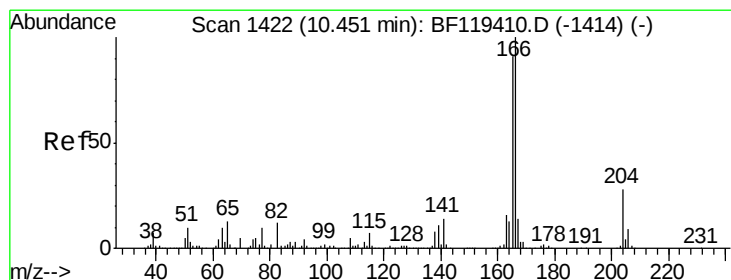
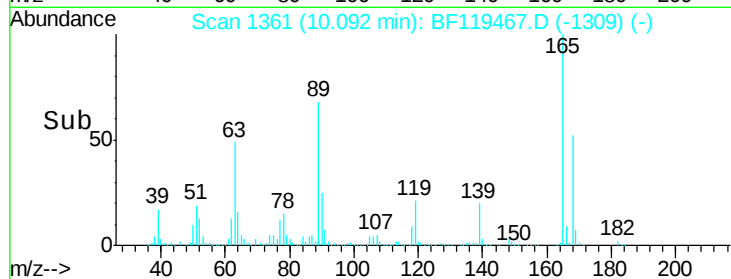
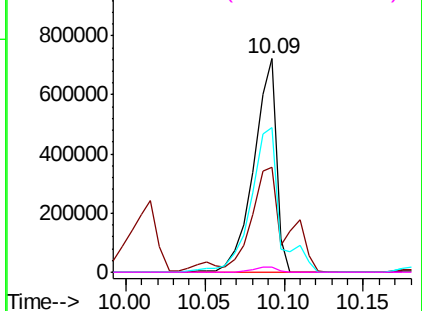
#57
 2,4-Dinitrotoluene
 Concen: 41.822 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	722649
Ion	Ratio	Lower	Upper
165	100		
63	49.1	36.2	54.4
89	67.7	54.3	81.5
182	2.4	2.0	3.0

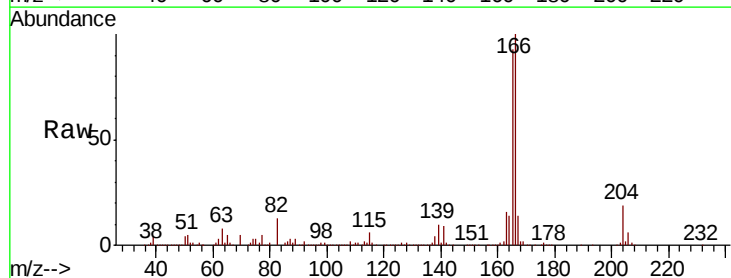


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

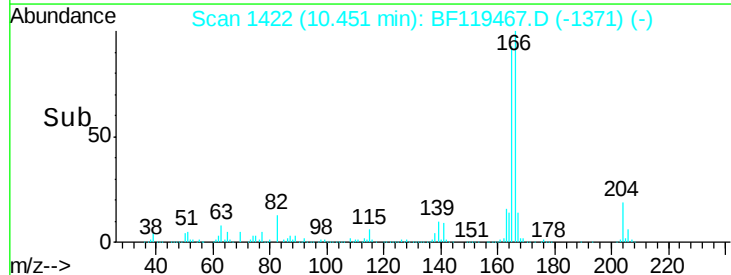
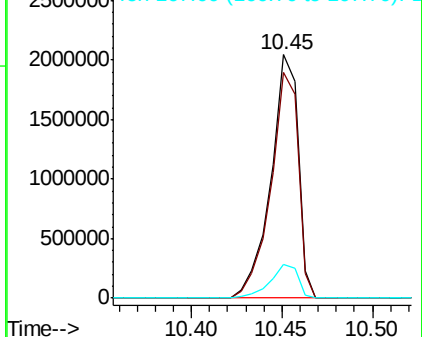


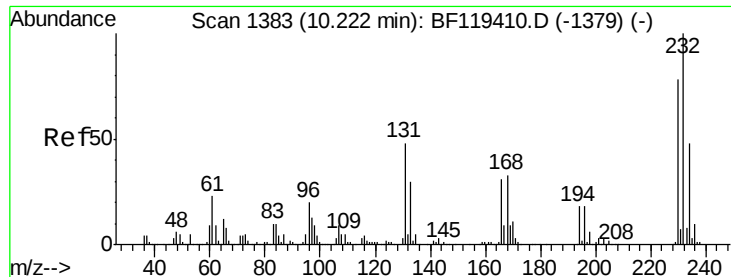
#58
 Fluorene
 Concen: 35.933 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:	166	Resp:	2143705
Ion	Ratio	Lower	Upper
166	100		
165	92.7	73.1	109.7
167	14.1	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

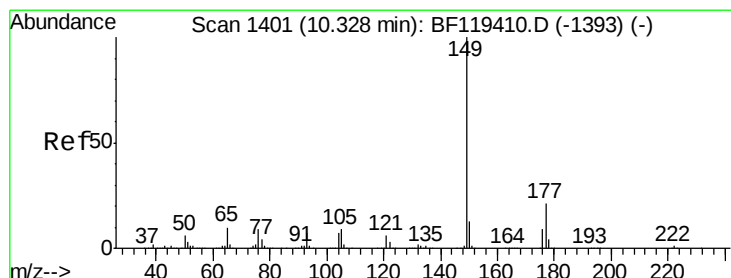
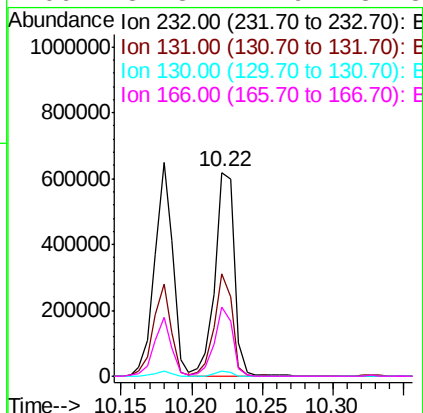
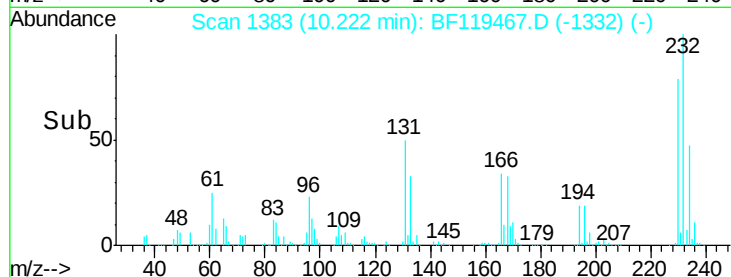
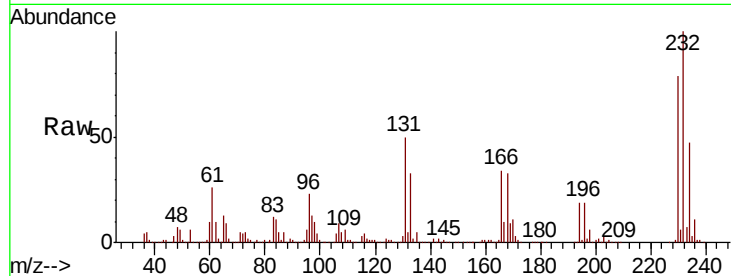




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.942 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

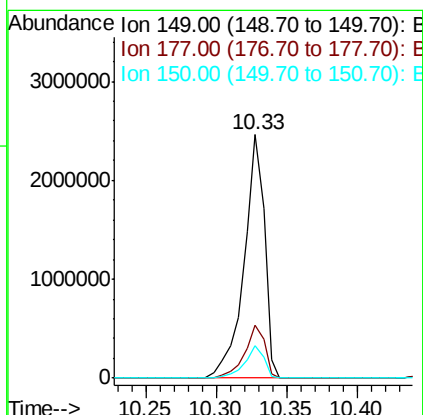
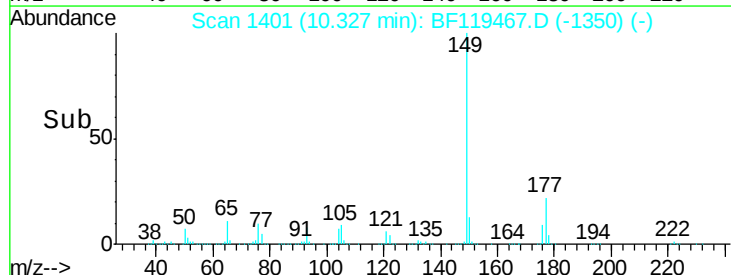
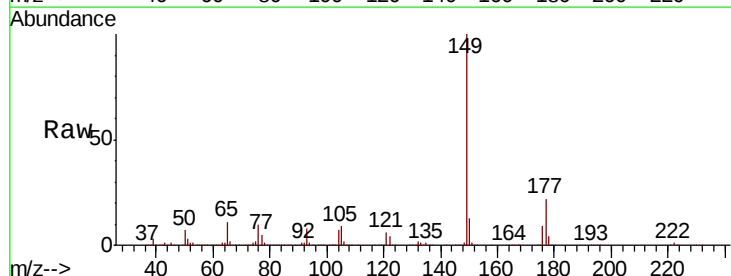
Instrument :
 BNA_F
 ClientSampled :

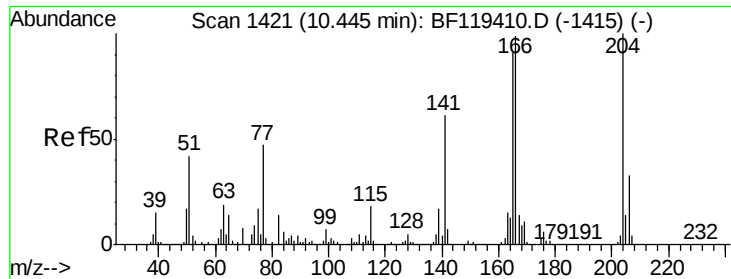
Tot Ion:	232	Resp:	600387
Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.3	54.5
130	2.2	1.8	2.6
166	31.3	24.9	37.3



#60
 Diethylphthalate
 Concen: 38.192 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:	149	Resp:	2480538
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	13.1	10.2	15.4

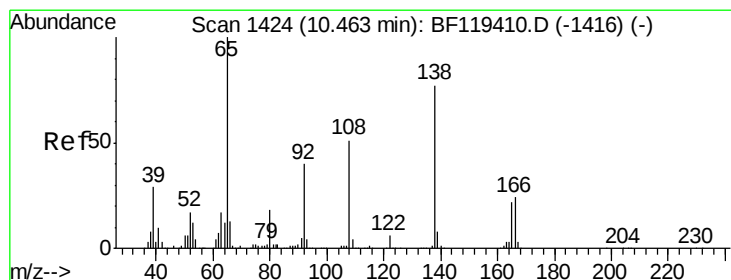
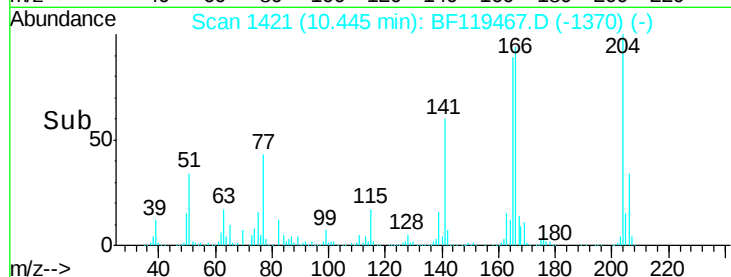
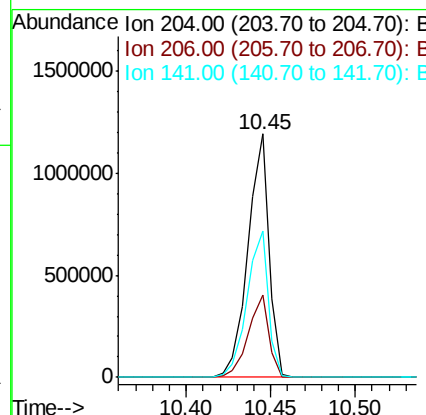
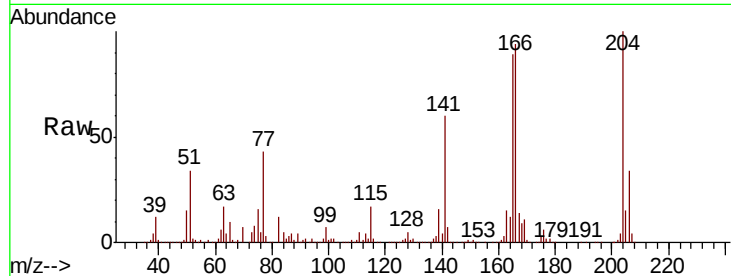




#61
 4-Chlorophenyl-phenylether
 Concen: 35.619 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

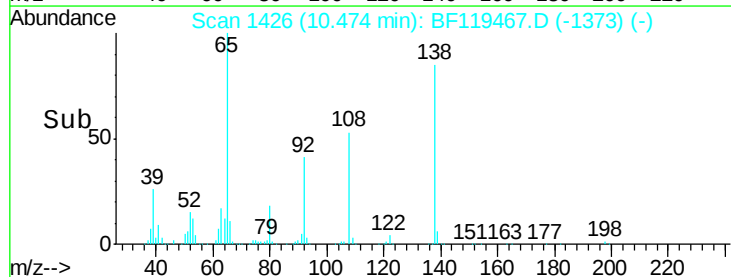
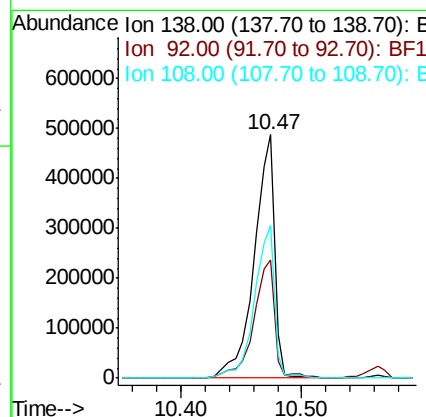
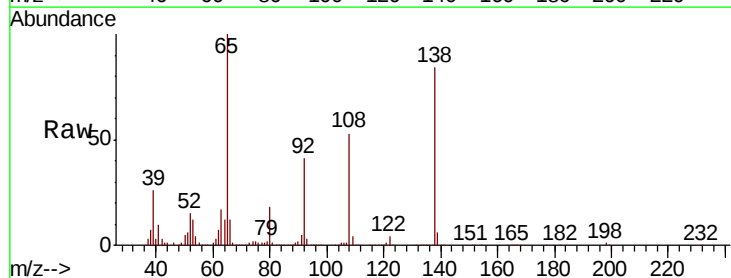
Instrument :
 BNA_F
 ClientSampleId :

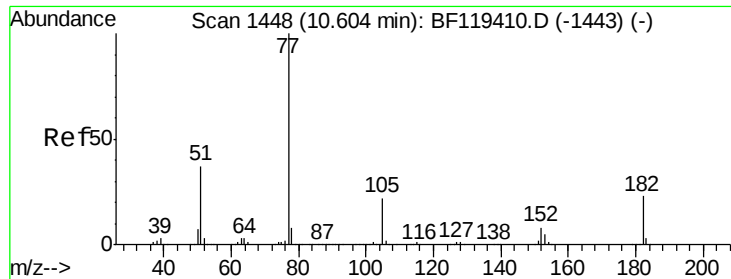
Tot Ion:204 Resp: 1039145
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.7 40.1
 141 59.9 48.8 73.2



#62
 4-Nitroaniline
 Concen: 34.878 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:138 Resp: 579173
 Ion Ratio Lower Upper
 138 100
 92 48.6 32.0 72.0
 108 62.9 46.0 86.0

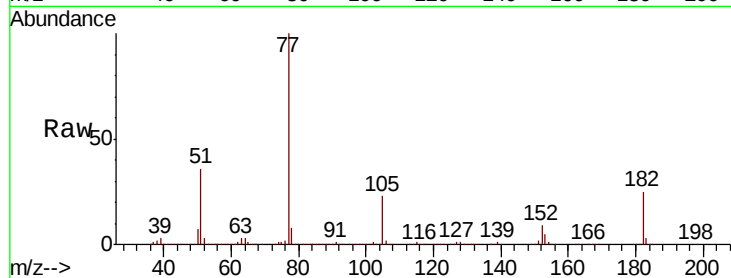




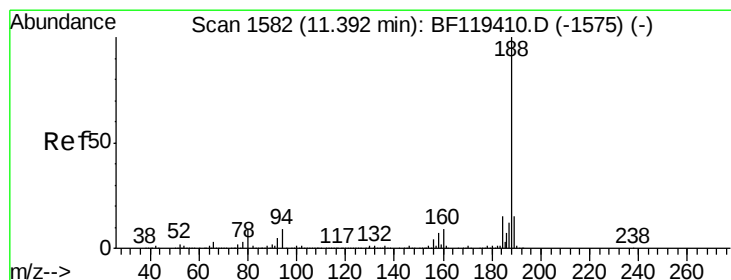
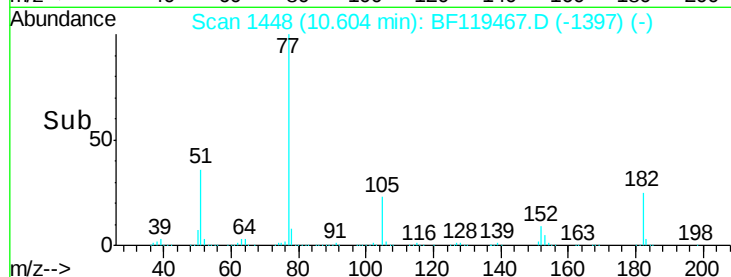
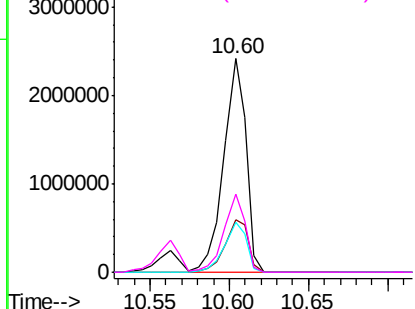
#63
Azobenzene
Concen: 36.005 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2354889
Ion Ratio Lower Upper
77 100
182 24.6 2.5 42.5
105 23.3 2.5 42.5
51 36.3 17.1 57.1

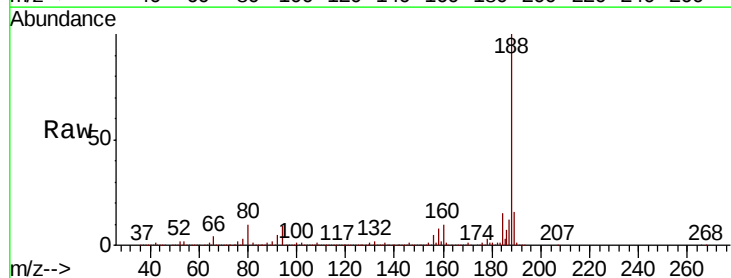


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

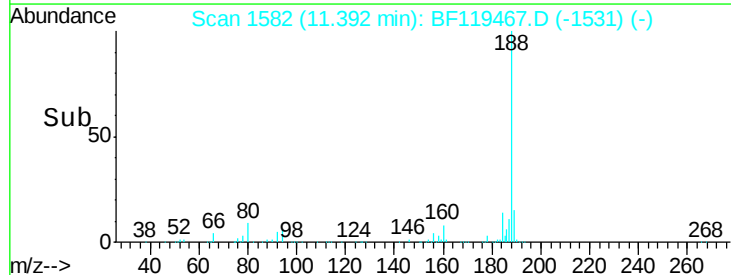
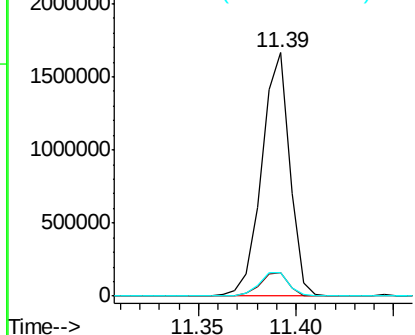


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion: 188 Resp: 1654570
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.9 7.5 11.3



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

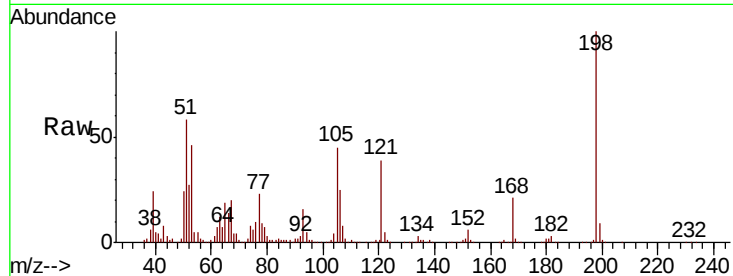




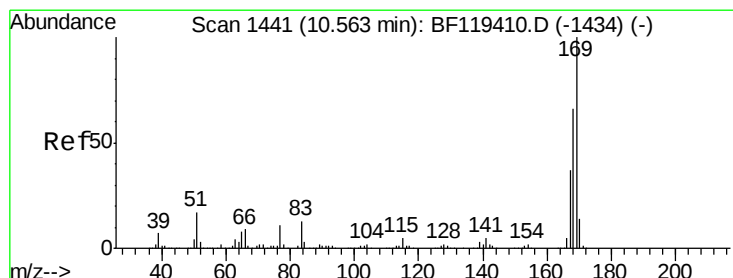
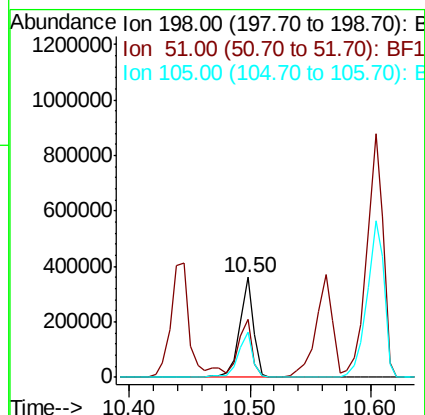
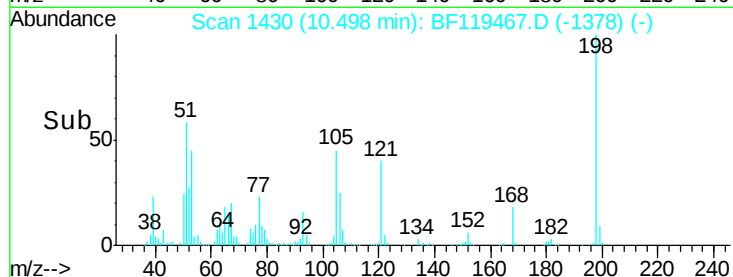
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.701 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 289323
 Ion Ratio Lower Upper
 198 100
 51 58.1 33.1 73.1
 105 44.9 24.1 64.1

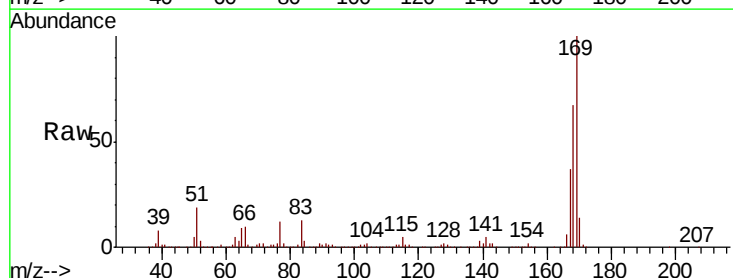


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

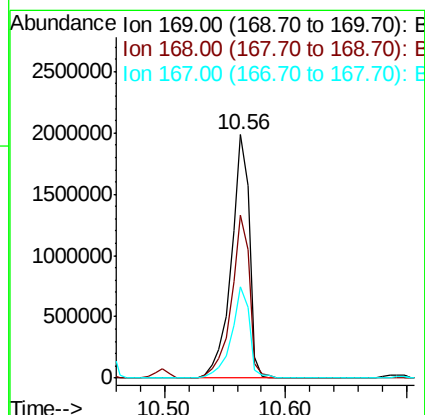
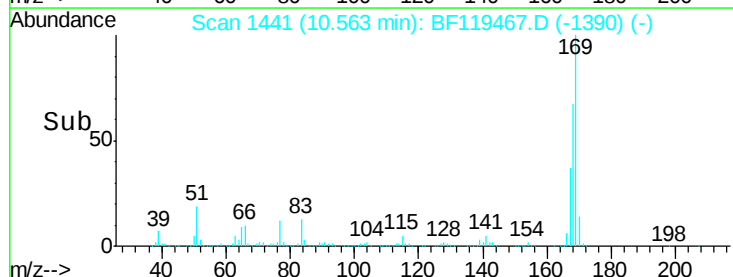


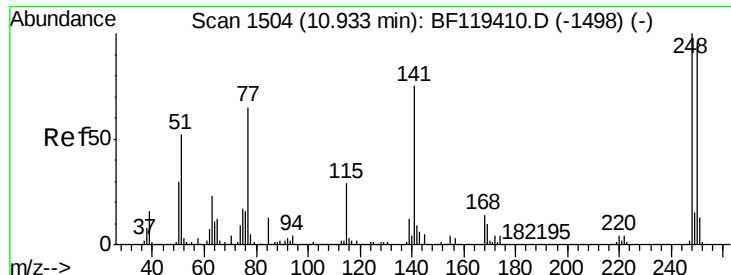
#66
 n-Nitrosodiphenylamine
 Concen: 37.846 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:169 Resp: 2055660
 Ion Ratio Lower Upper
 169 100
 168 66.8 52.7 79.1
 167 37.4 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

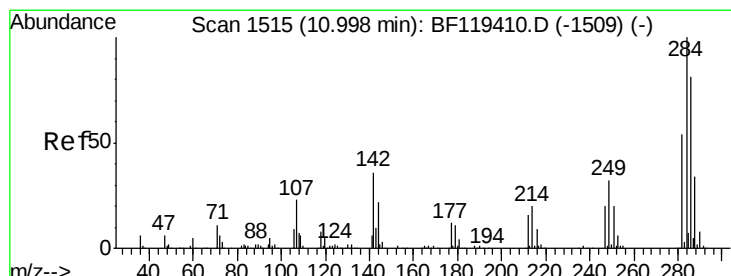
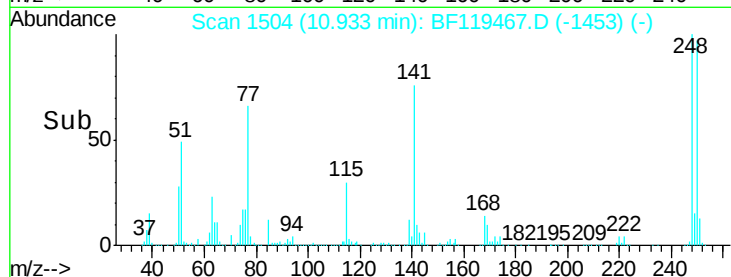
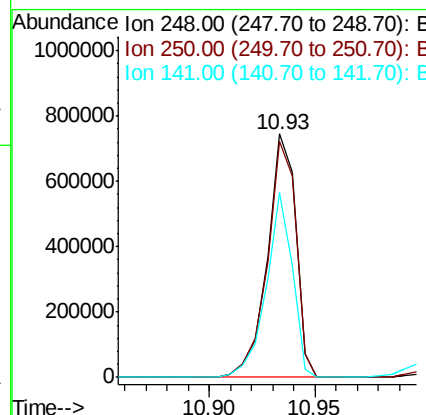
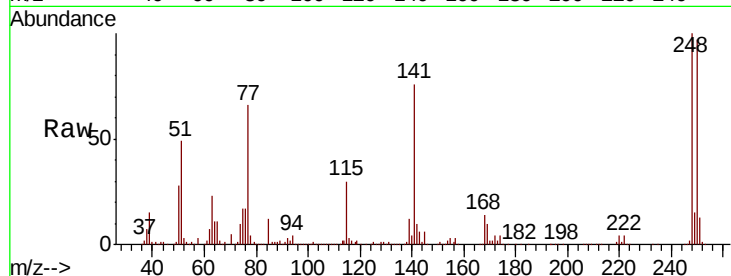




#67
 4-Bromophenyl-phenylether
 Concen: 37.252 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

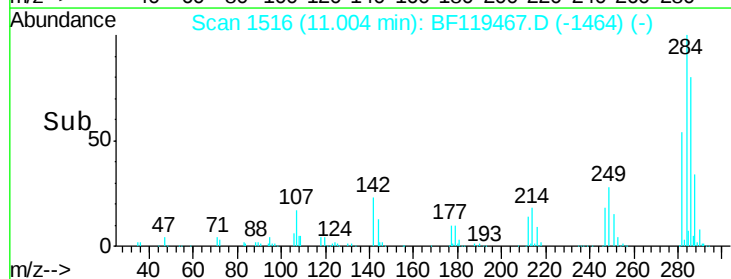
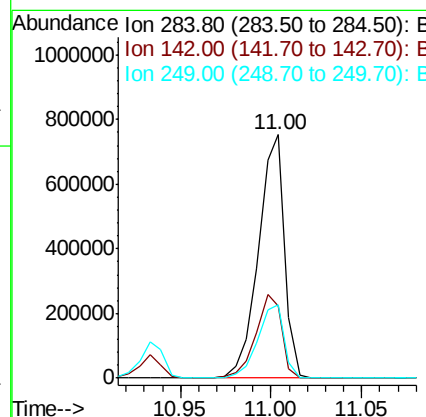
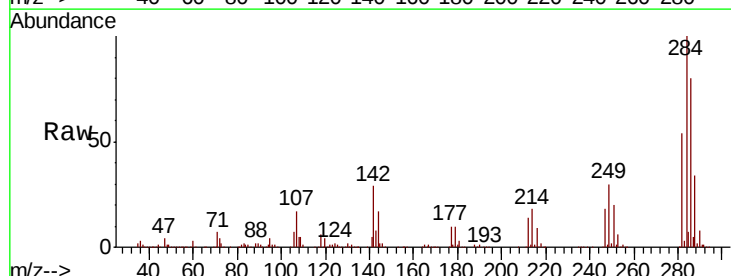
Instrument :
 BNA_F
 ClientSampleID :

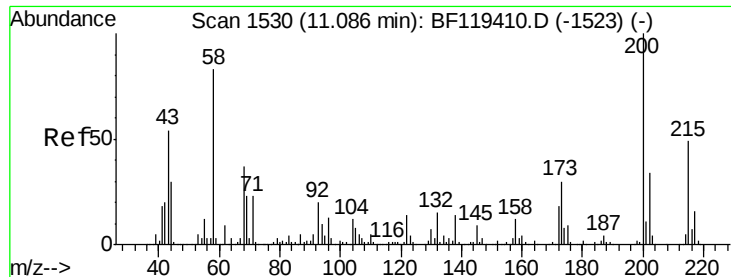
Tot Ion:	248	Resp:	701949
Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.6
141	75.9	59.7	89.5



#68
 Hexachlorobenzene
 Concen: 38.867 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:	284	Resp:	749586
Ion	Ratio	Lower	Upper
284	100		
142	29.5	28.7	43.1
249	30.3	25.4	38.0





#69

Atrazine

Concen: 43.657 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

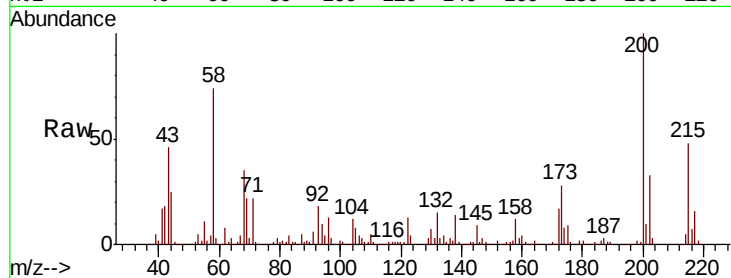
Tot Ion:200 Resp: 650101

Ion Ratio Lower Upper

200 100

173 28.4 9.9 49.9

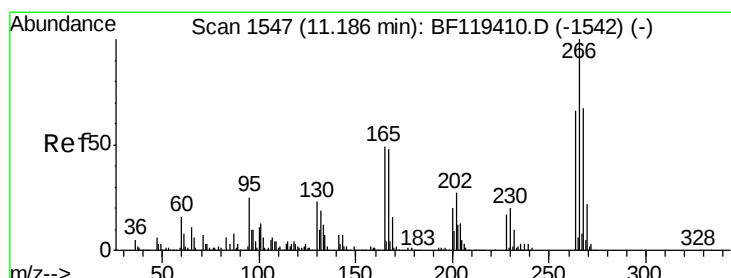
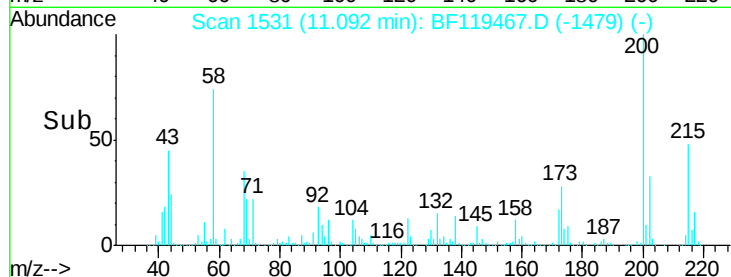
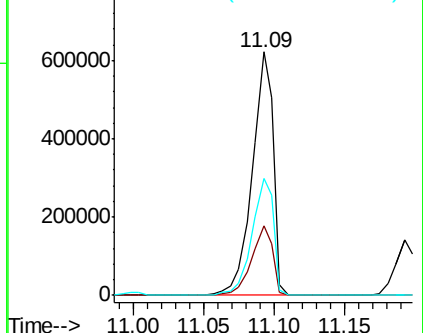
215 47.9 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 61.689 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

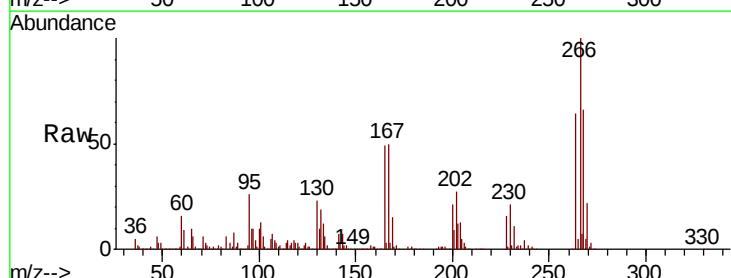
Tgt Ion:266 Resp: 697602

Ion Ratio Lower Upper

266 100

268 65.7 53.7 80.5

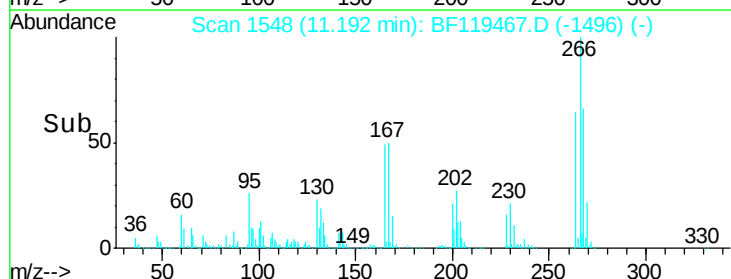
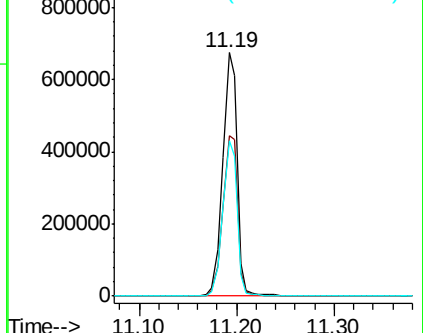
264 63.8 52.5 78.7

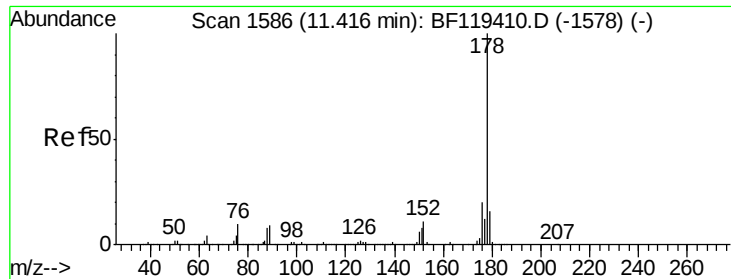


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

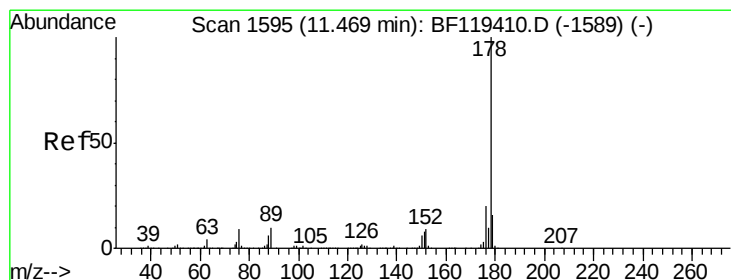
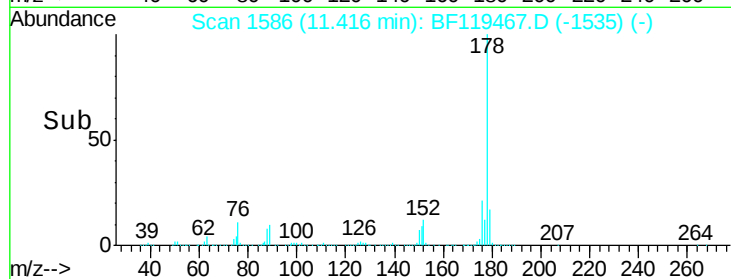
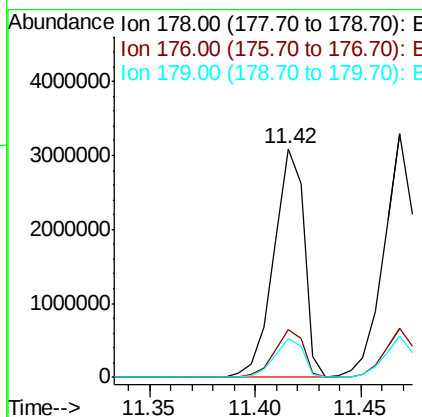
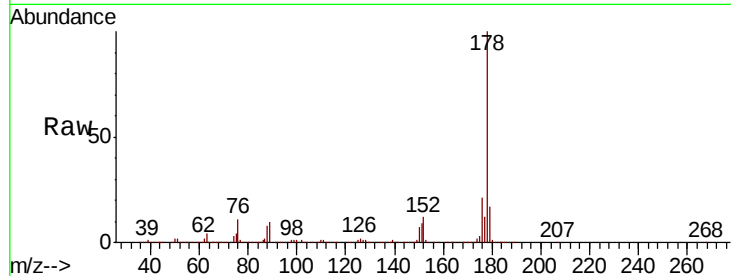




#71
Phenanthrene
Concen: 36.205 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

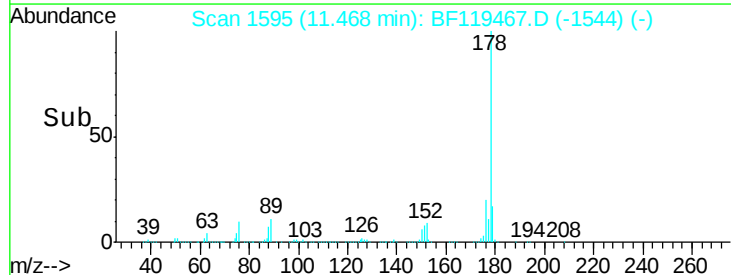
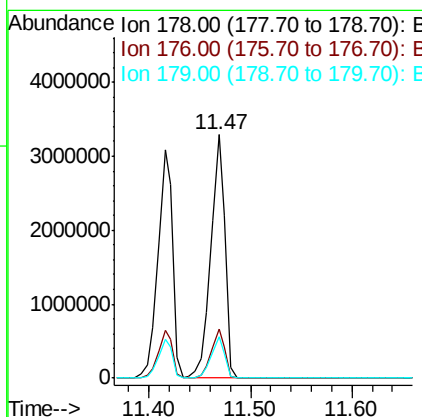
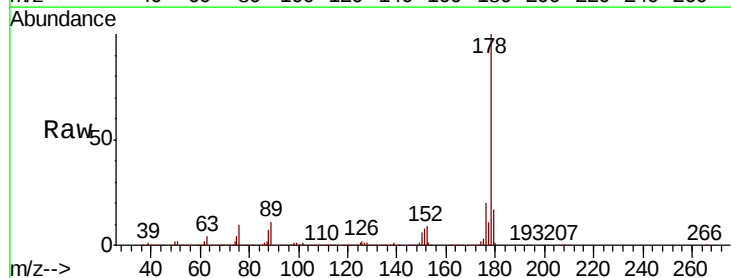
Instrument :
BNA_F
ClientSampleId :

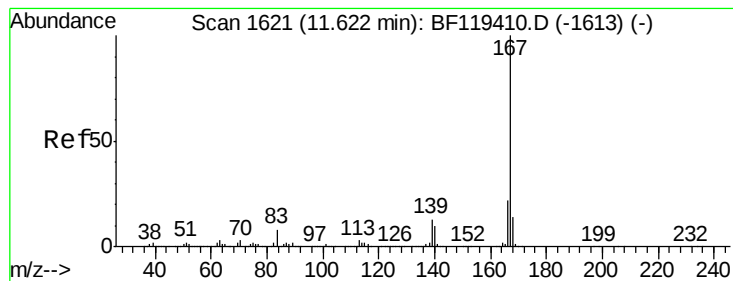
Tot Ion:178 Resp: 3106144
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.8 12.9 19.3



#72
Anthracene
Concen: 36.665 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:178 Resp: 3197072
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.8 13.1 19.7





#73

Carbazole

Concen: 33.617 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

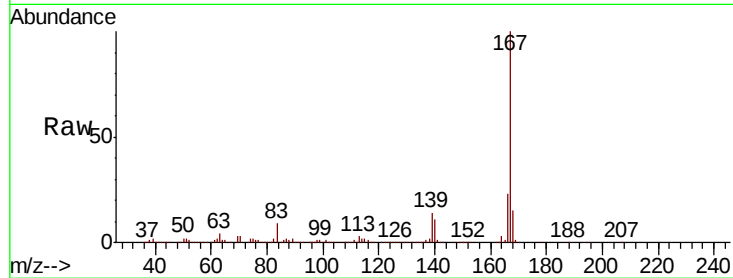
Tot Ion:167 Resp: 2901344

Ion Ratio Lower Upper

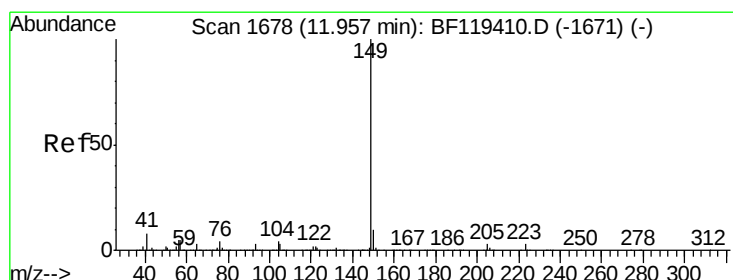
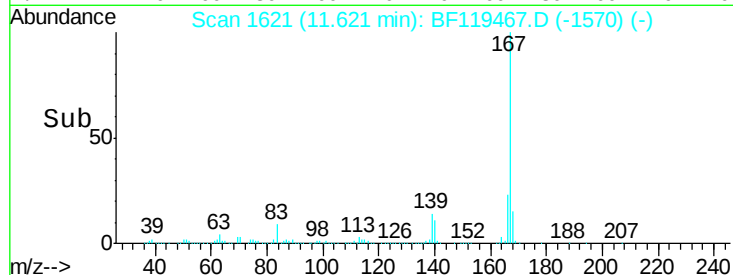
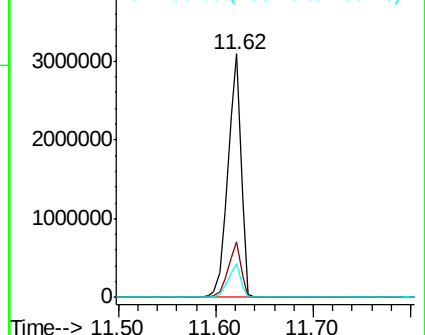
167 100

166 22.9 17.8 26.6

139 13.6 10.2 15.4



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: 39.985 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

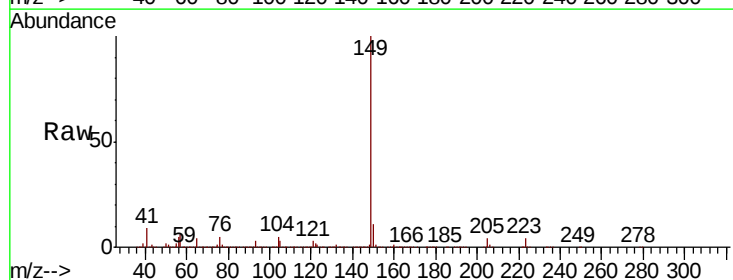
Tgt Ion:149 Resp: 3691598

Ion Ratio Lower Upper

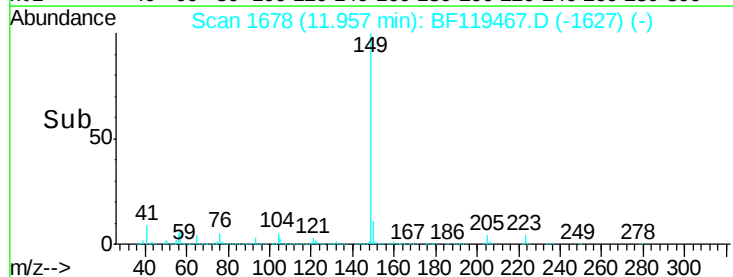
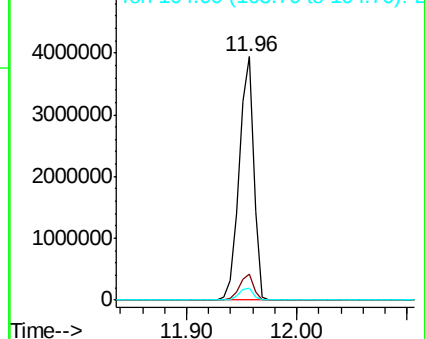
149 100

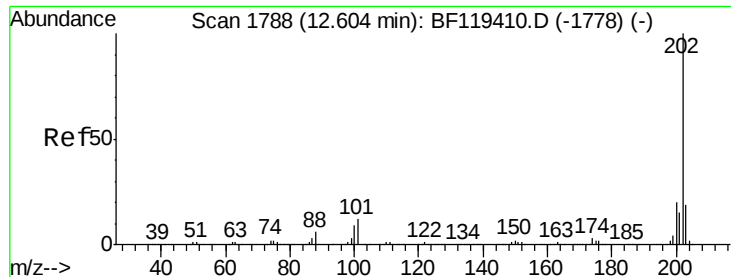
150 10.5 7.6 11.4

104 5.0 3.5 5.3



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



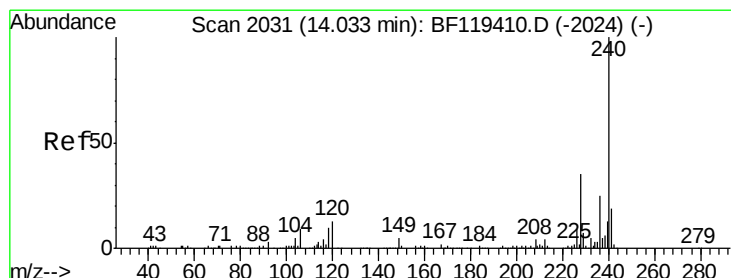
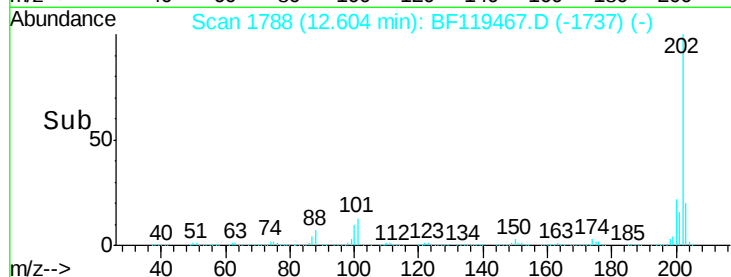
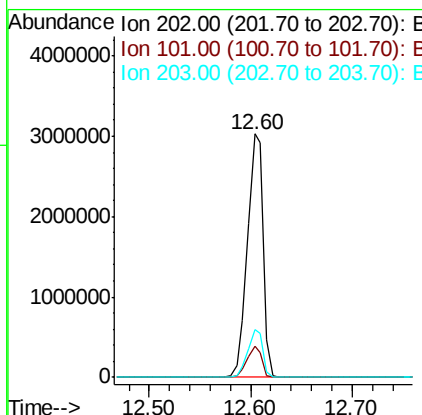
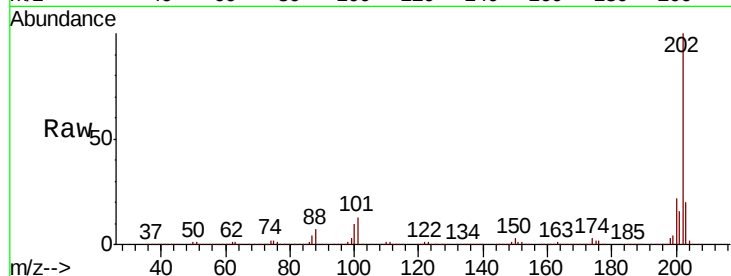


#75
 Fluoranthene
 Concen: 35.136 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 3262363

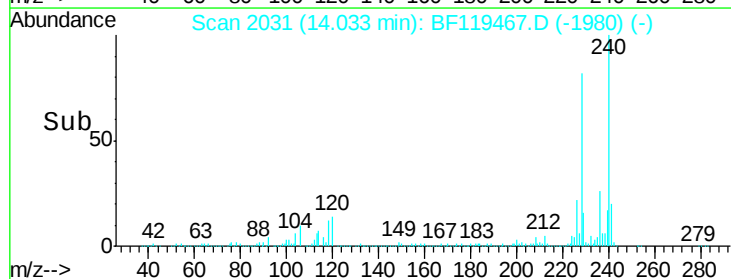
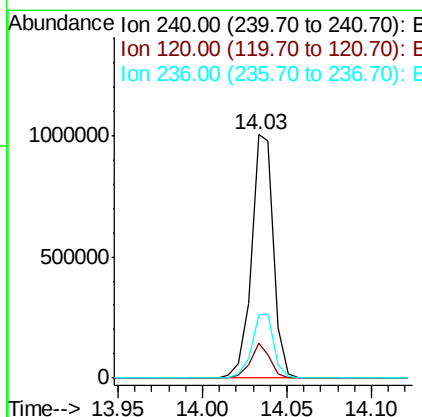
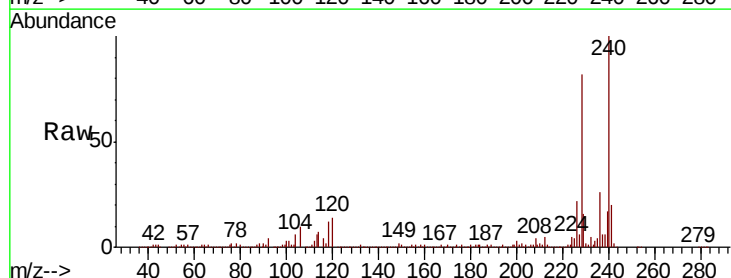
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
203	19.6	0.0	38.5

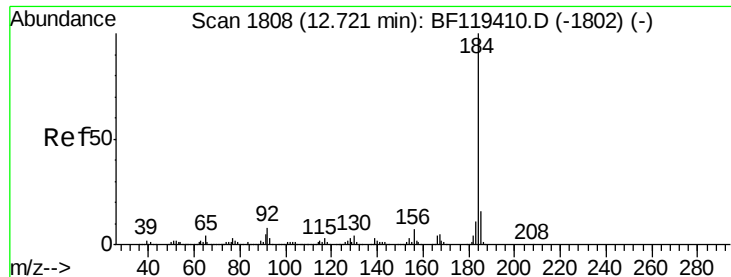


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:240 Resp: 917209

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.2	15.4
236	26.1	20.4	30.6





#77

Benzidine

Concen: 36.105 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

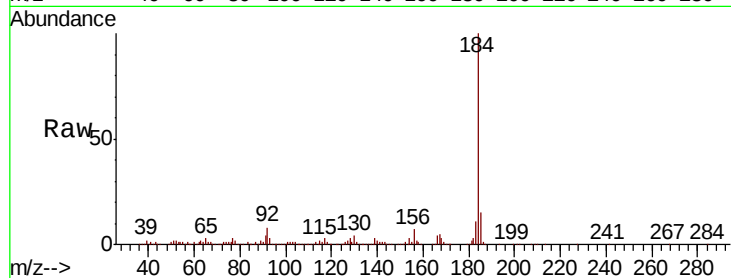
Tot Ion:184 Resp: 1401463

Ion Ratio Lower Upper

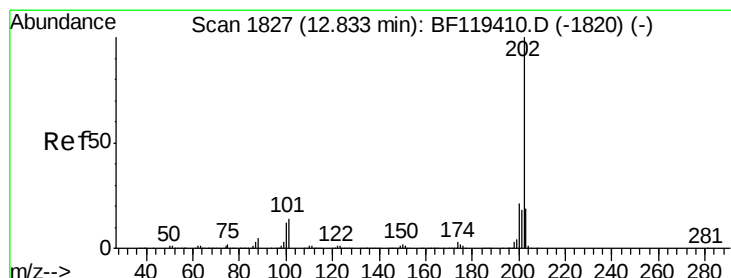
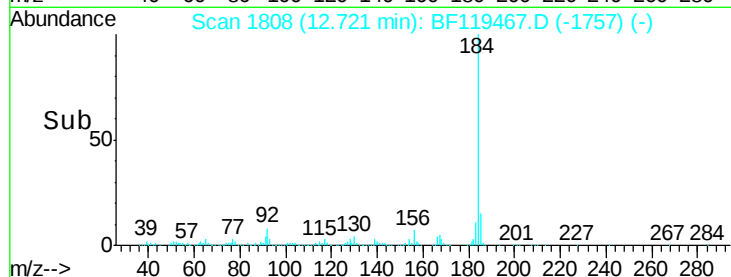
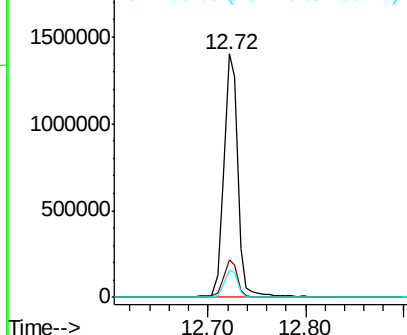
184 100

185 15.2 12.9 19.3

183 11.3 9.0 13.4



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: 43.133 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

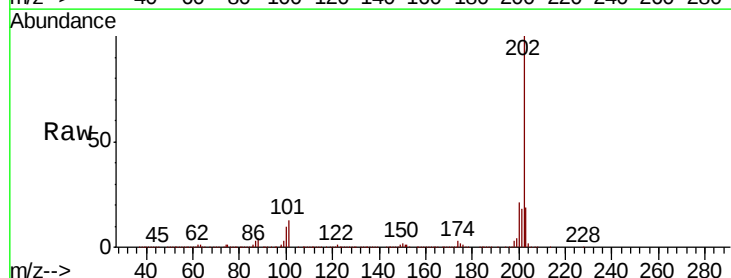
Tgt Ion:202 Resp: 3246790

Ion Ratio Lower Upper

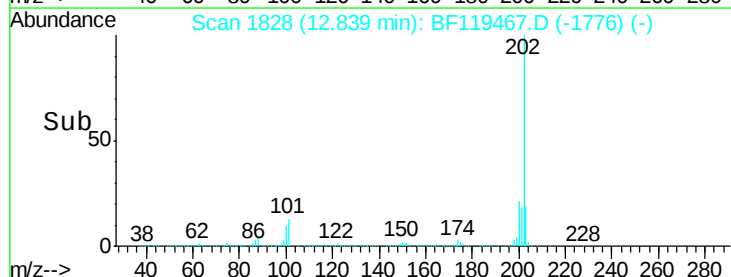
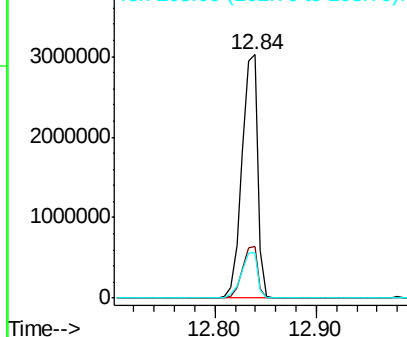
202 100

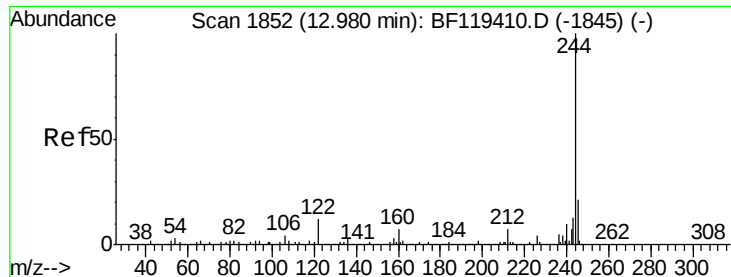
200 21.4 16.8 25.2

203 18.6 14.8 22.2



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: 78.714 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

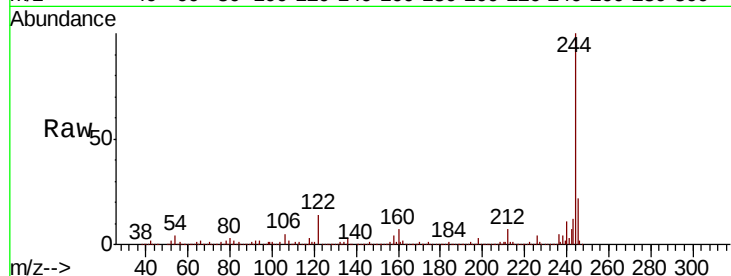
Tot Ion:244 Resp: 3685005

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

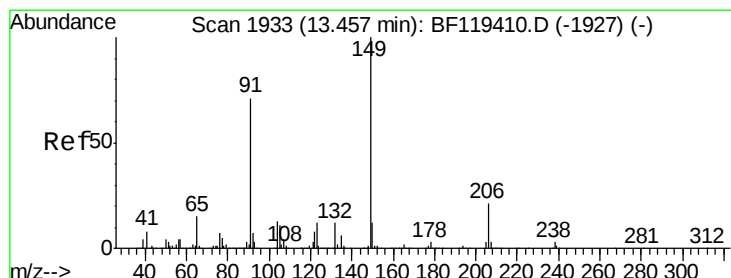
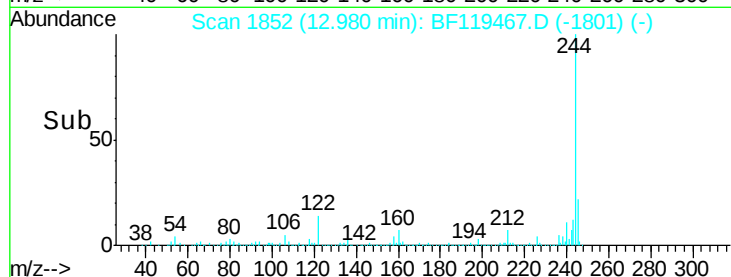
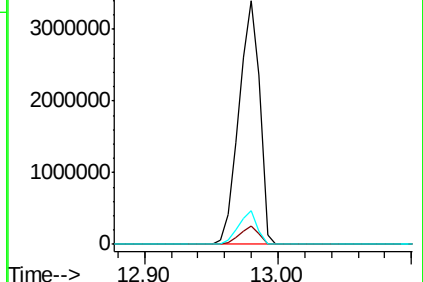
122 13.7 9.8 14.8



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: 49.539 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

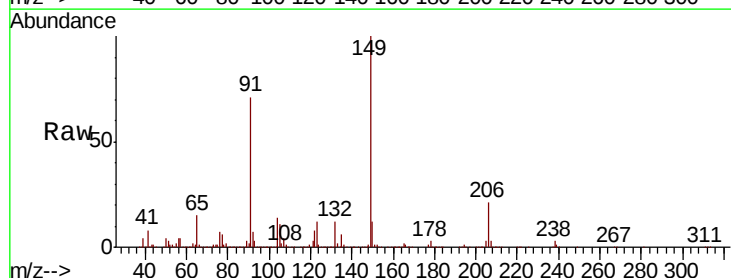
Tgt Ion:149 Resp: 1508211

Ion Ratio Lower Upper

149 100

91 71.1 57.0 85.6

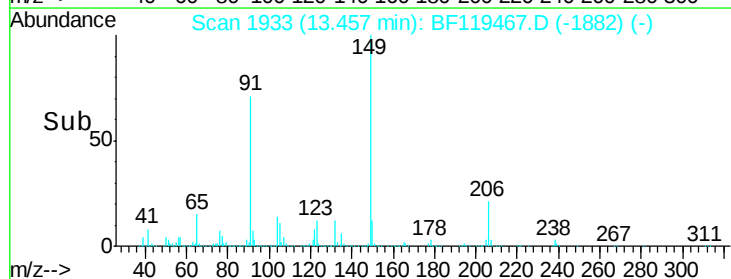
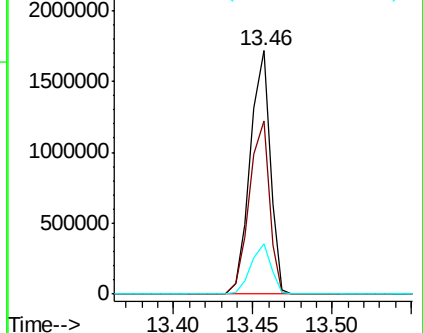
206 20.6 16.4 24.6

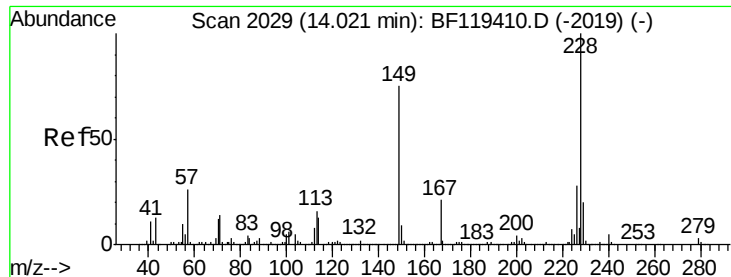


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.948 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

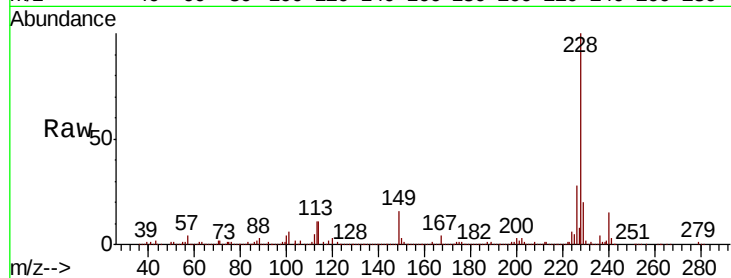
Tot Ion:228 Resp: 2263374

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

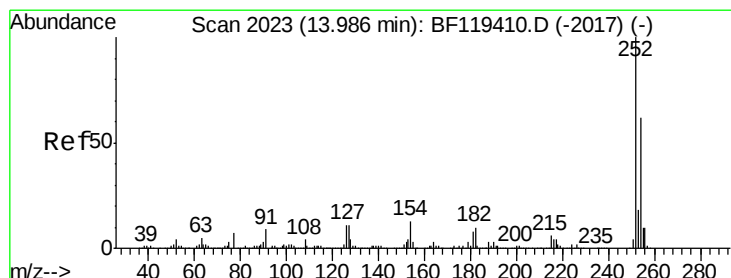
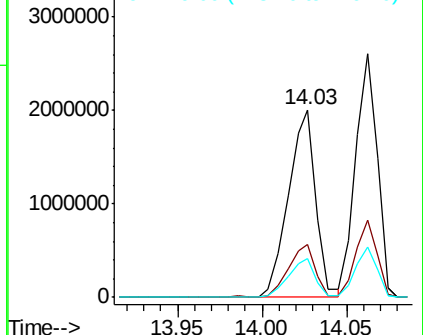
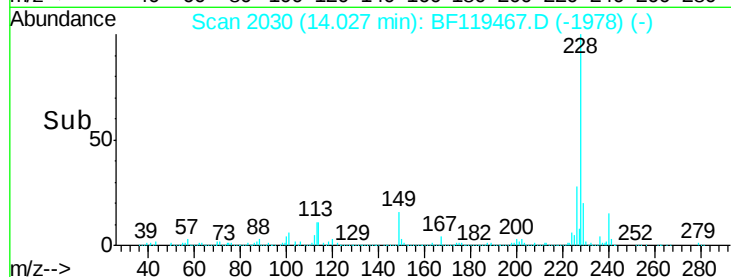
229 20.5 16.3 24.5



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: 33.504 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

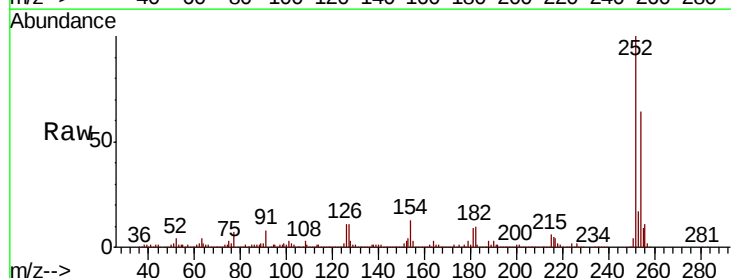
Tgt Ion:252 Resp: 787915

Ion Ratio Lower Upper

252 100

254 64.4 49.8 74.8

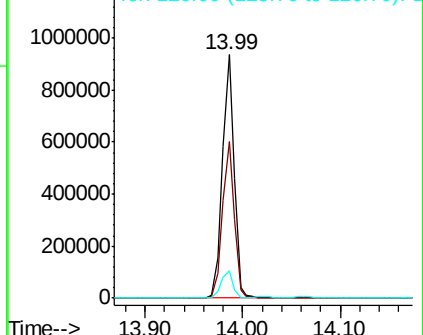
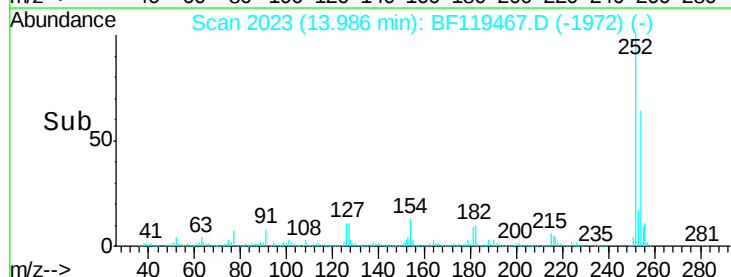
126 11.3 8.9 13.3

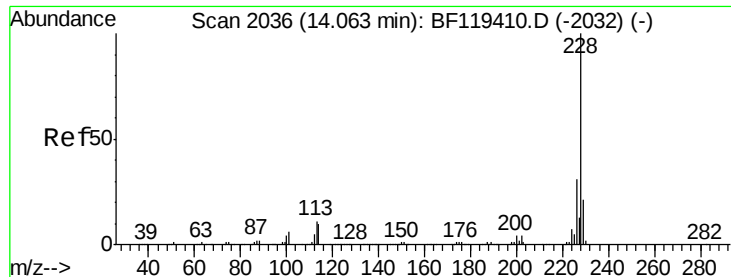


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

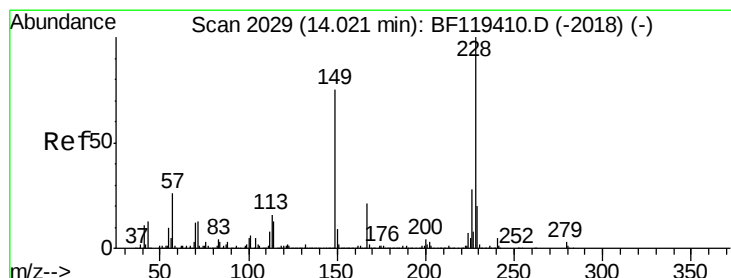
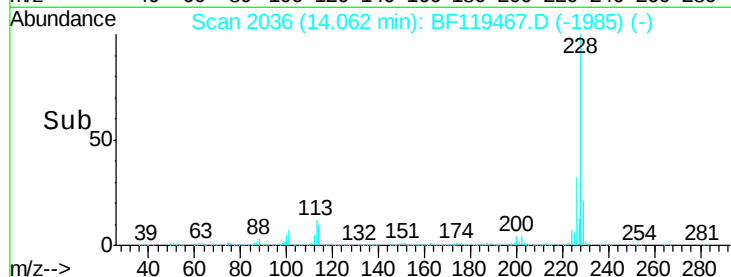
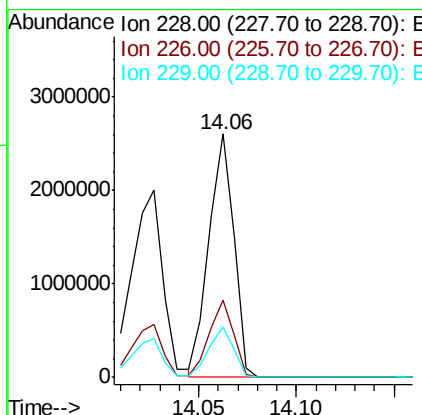
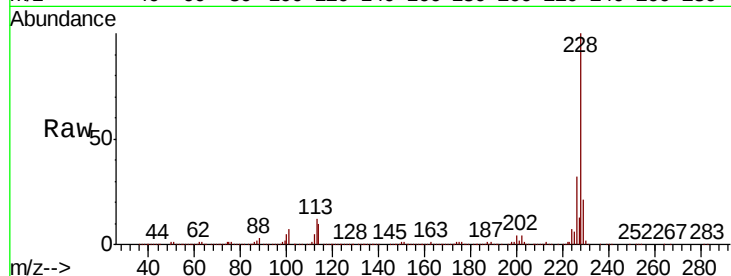




#83
 Chrvsene
 Concen: 37.563 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

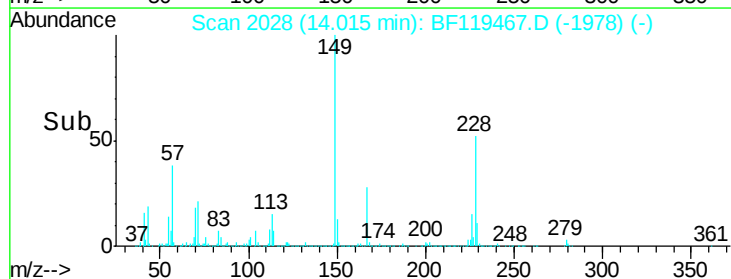
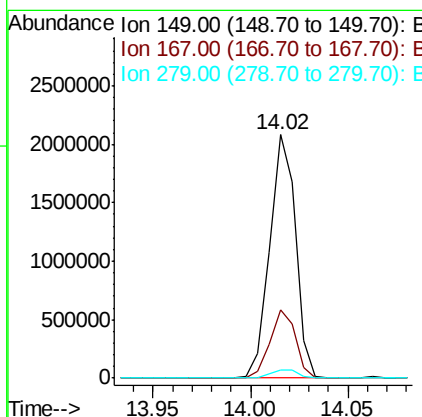
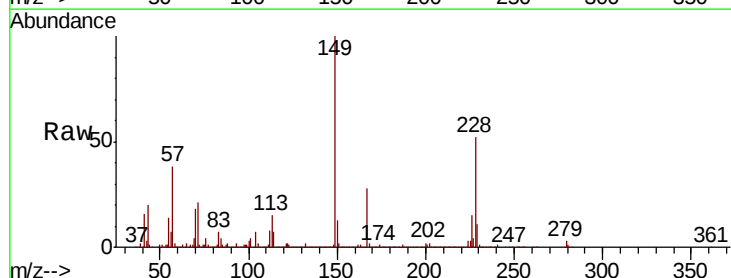
Instrument :
 BNA_F
 ClientSampleId :

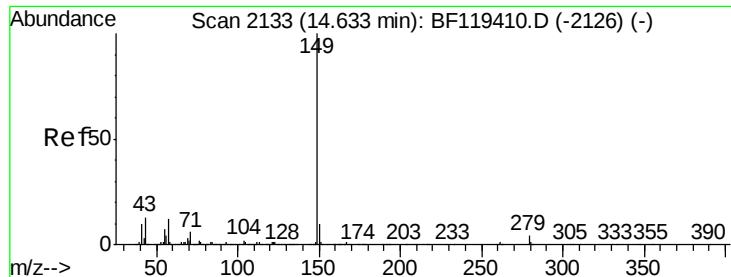
Tot Ion:228 Resp: 2312244
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.8 37.2
 229 20.8 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.617 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119467.D
 Acq: 20 Mar 2020 12:30

Tgt Ion:149 Resp: 1909628
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.0 33.0
 279 3.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.463 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

Instrument :

BNA_F

ClientSampleId :

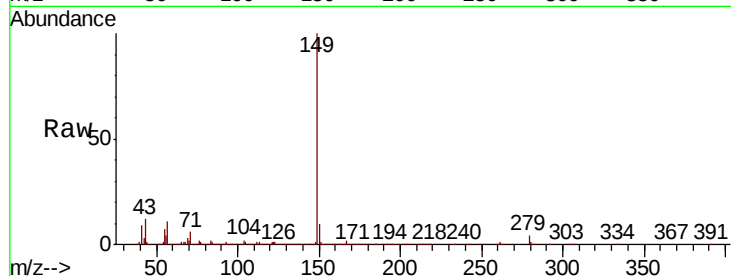
Tot Ion:149 Resp: 3029542

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

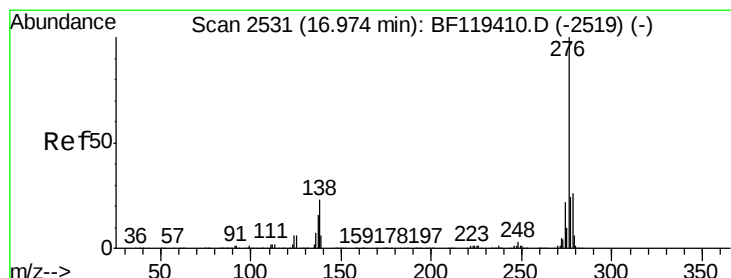
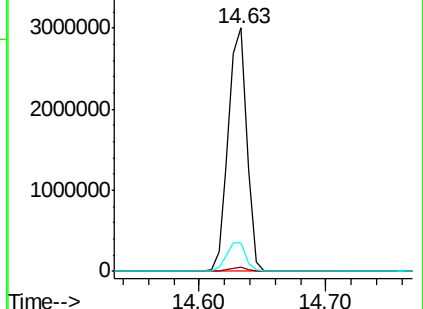
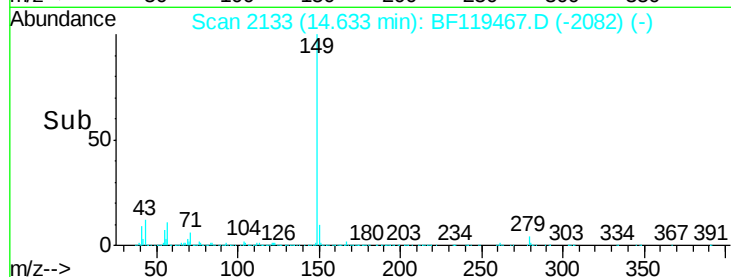
43 12.0 10.1 15.1



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: 43.855 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF119467.D

Acq: 20 Mar 2020 12:30

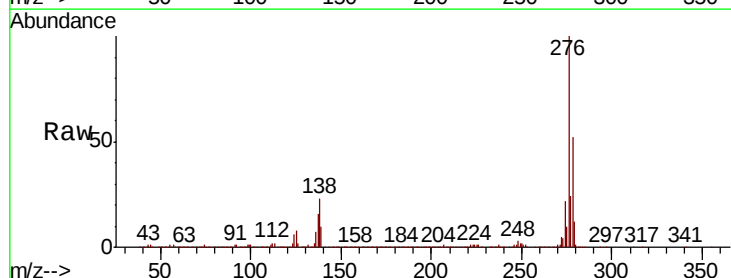
Tgt Ion:276 Resp: 2542401

Ion Ratio Lower Upper

276 100

138 25.5 21.3 31.9

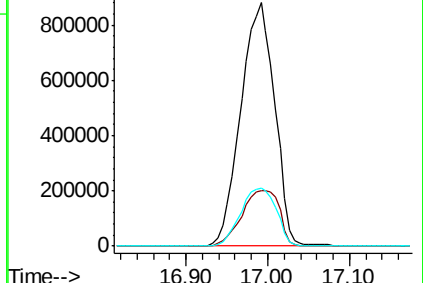
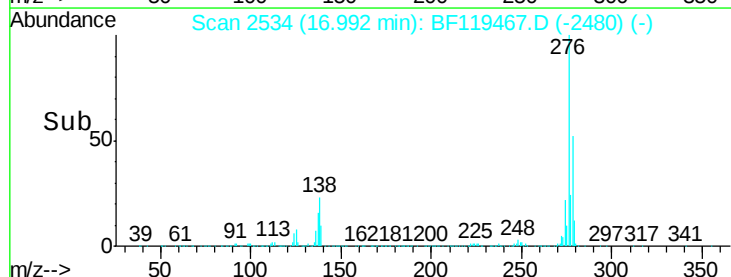
277 25.3 20.2 30.2

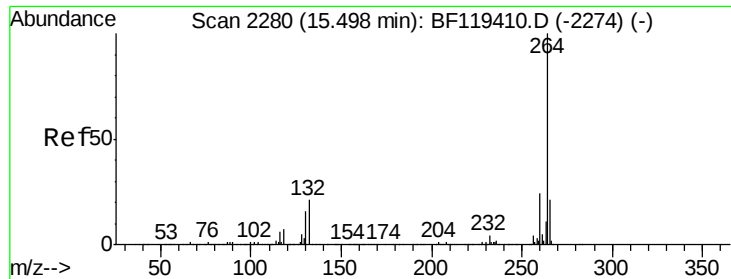


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



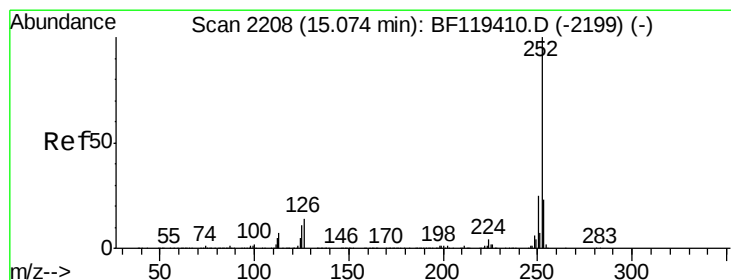
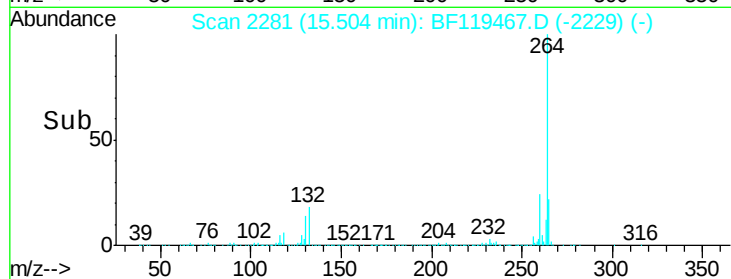
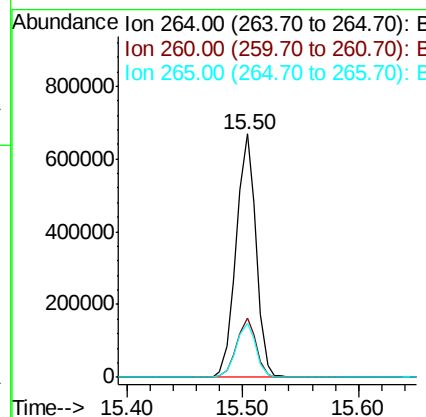
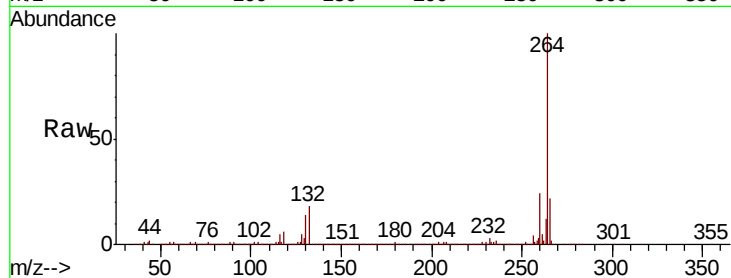


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 796209

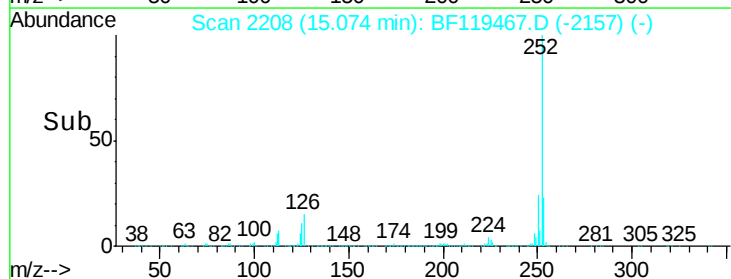
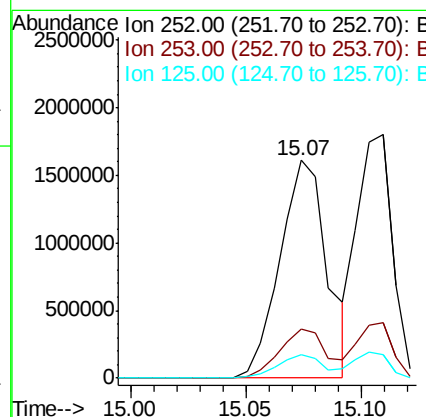
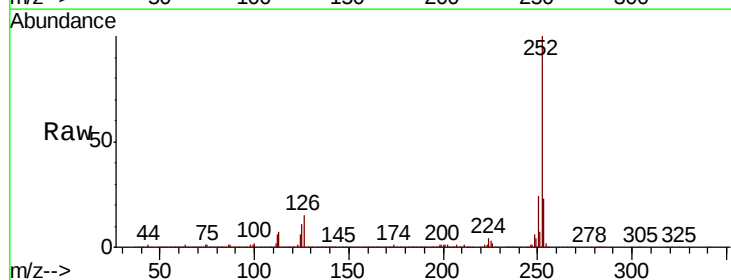
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	16.9	25.3

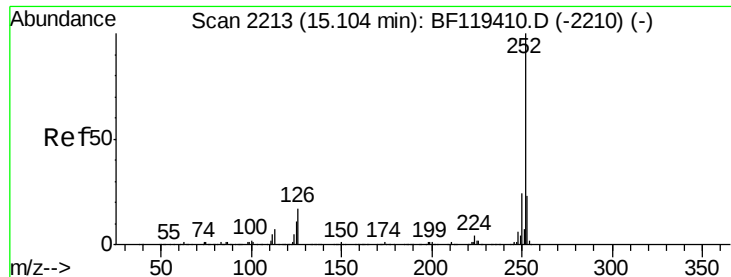


#88
Benzo(b)fluoranthene
Concen: 43.072 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:252 Resp: 2290838

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.6	8.8	13.2

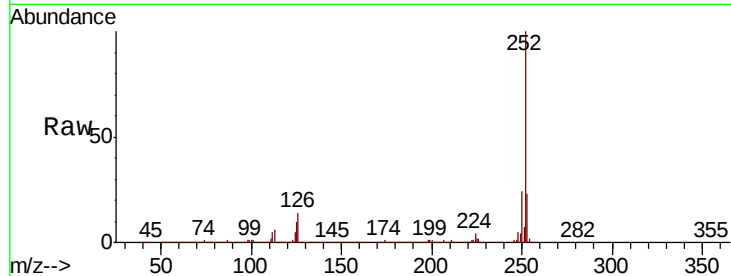




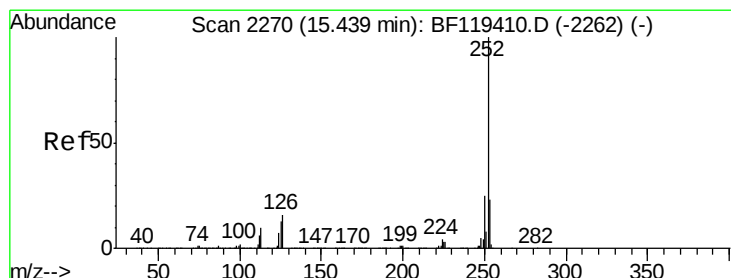
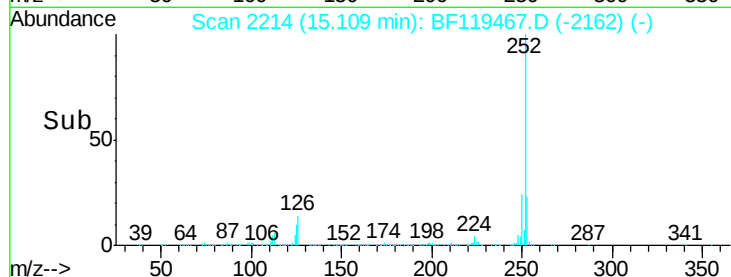
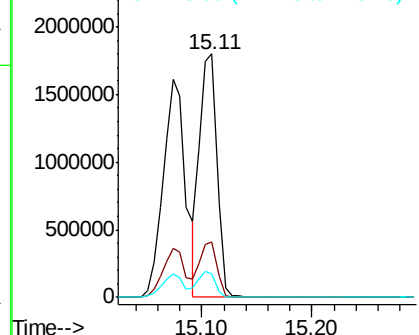
#89
Benzo(k)fluoranthene
Concen: 37.978 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1923360
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.7 9.0 13.4

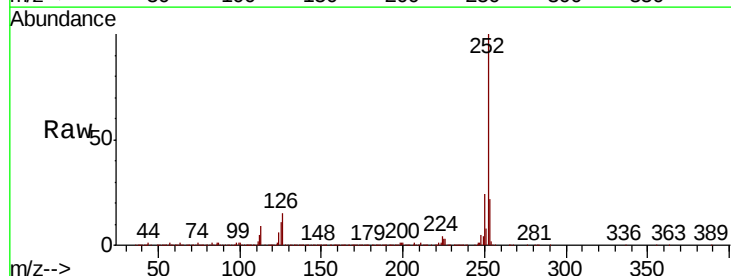


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

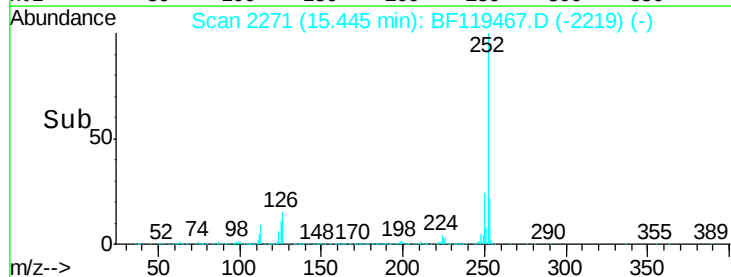
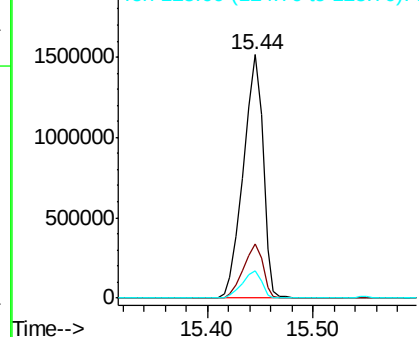


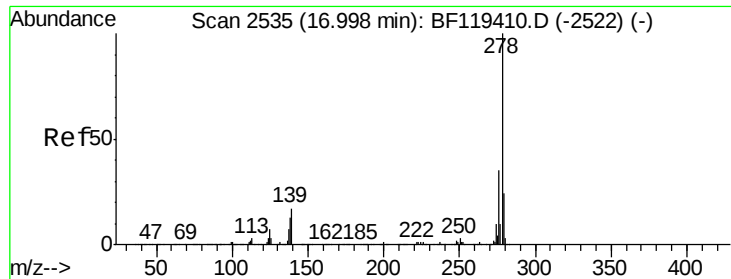
#90
Benzo(a)pyrene
Concen: 40.355 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:252 Resp: 1950555
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.4 10.2 15.2



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



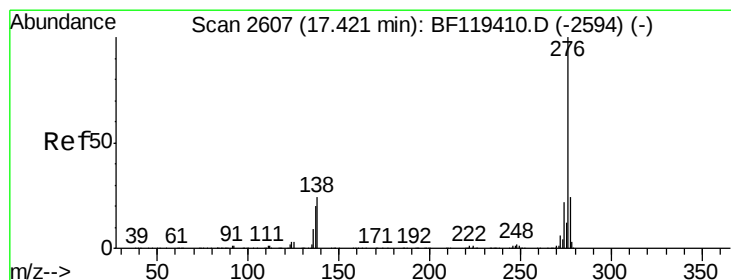
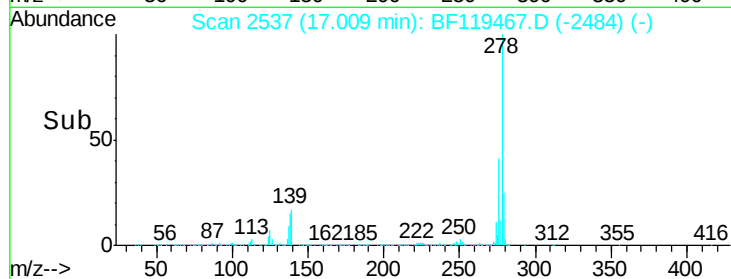
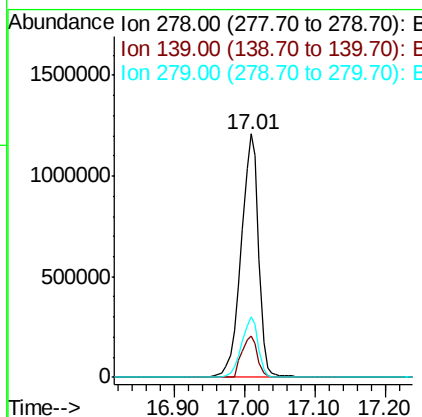
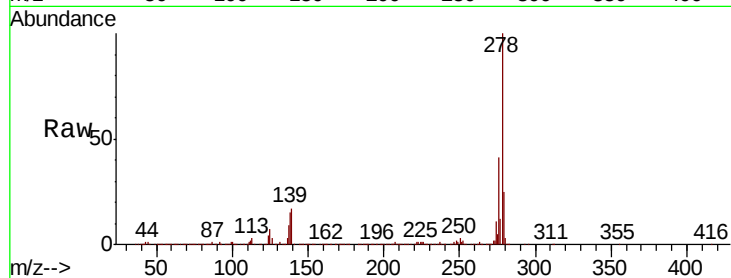


#91
Dibenzo(a,h)anthracene
Concen: 49.119 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2076608

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.7	20.5
279	24.6	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 52.519 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BF119467.D
Acq: 20 Mar 2020 12:30

Tgt Ion:276 Resp: 2230622

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.7	19.1	28.7

