

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119155.D
 Acq On : 29 Feb 2020 13:04
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 05:43:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160497	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	575384	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	313770	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	571750	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	391604	20.00	ng	-0.01
87) Perylene-d12	15.31	264	337919	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	789477	82.20	ng	-0.01
7) Phenol-d6	6.39	99	948544	81.21	ng	-0.02
23) Nitrobenzene-d5	7.30	82	893388	81.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	327390	79.76	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1669235	78.37	ng	-0.02
79) Terphenyl-d14	12.83	244	1975475	86.85	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	163420	38.218	ng	98
3) Pyridine	3.15	79	441888	37.840	ng	98
4) n-Nitrosodimethylamine	3.10	42	148690	42.032	ng	100
6) Aniline	6.40	93	570198	39.564	ng	# 74
8) 2-Chlorophenol	6.53	128	421015	40.621	ng	99
9) Benzaldehyde	6.29	77	276655	35.452	ng	100
10) Phenol	6.40	94	509724	40.364	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	390196	40.383	ng	98
12) 1,3-Dichlorobenzene	6.68	146	504300	40.596	ng	99
13) 1,4-Dichlorobenzene	6.75	146	508760	40.927	ng	99
14) 1,2-Dichlorobenzene	6.91	146	463604	40.893	ng	98
15) Benzyl Alcohol	6.89	79	347477	41.163	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	329617	39.381	ng	99
17) 2-Methylphenol	7.00	107	340272	40.494	ng	98
18) Hexachloroethane	7.25	117	184505	41.487	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	278742	40.956	ng	99
20) 3+4-Methylphenols	7.00	107	338525	32.883	ng	80
22) Acetophenone	7.15	105	551903	41.456	ng	# 99
24) Nitrobenzene	7.32	77	438511	40.692	ng	97
25) Isophorone	7.56	82	757276	40.013	ng	99
26) 2-Nitrophenol	7.64	139	231612	40.563	ng	100
27) 2,4-Dimethylphenol	7.68	122	307618	39.696	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	487569	39.580	ng	99
29) 2,4-Dichlorophenol	7.89	162	369484	40.501	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	432083	39.947	ng	98
31) Naphthalene	8.04	128	1201429	40.262	ng	99
32) Benzoic acid	7.84	122	212896	39.091	ng	98
33) 4-Chloroaniline	8.09	127	509149	39.670	ng	99
34) Hexachlorobutadiene	8.16	225	271840	40.347	ng	99
35) Caprolactam	8.47	113	84960	30.245	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	375964	40.721	ng	99
37) 2-Methylnaphthalene	8.73	142	804059	40.039	ng	98
38) 1-Methylnaphthalene	8.83	142	764510	40.480	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	421738	39.866	ng	100

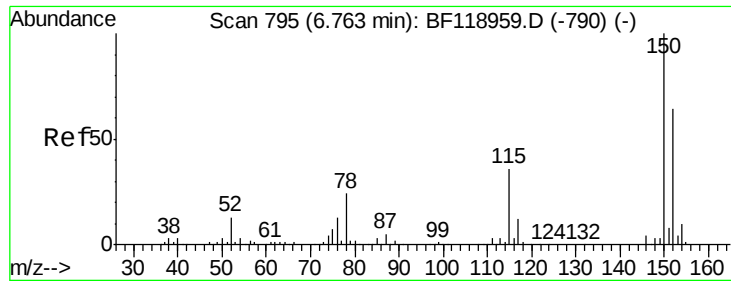
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119155.D
 Acq On : 29 Feb 2020 13:04
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 05:43:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	122414	37.451	ng	100
43) 2,4,6-Trichlorophenol	9.02	196	259984	38.916	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	271308	38.701	ng	98
46) 1,1'-Biphenyl	9.19	154	1024562	40.402	ng	99
47) 2-Chloronaphthalene	9.22	162	820762	40.163	ng	98
48) 2-Nitroaniline	9.32	65	236608	41.511	ng	99
49) Acenaphthylene	9.63	152	1172870	39.738	ng	99
50) Dimethylphthalate	9.50	163	961874	40.089	ng	100
51) 2,6-Dinitrotoluene	9.56	165	211107	39.603	ng	91
52) Acenaphthene	9.80	154	717968	40.342	ng	99
53) 3-Nitroaniline	9.73	138	234095	39.612	ng	96
54) 2,4-Dinitrophenol	9.85	184	81060	35.839	ng	94
55) Dibenzofuran	9.97	168	1041648	39.213	ng	99
56) 4-Nitrophenol	9.91	139	150340	42.342	ng	96
57) 2,4-Dinitrotoluene	9.97	165	269638	39.024	ng	96
58) Fluorene	10.32	166	851306	41.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	221550	37.454	ng	97
60) Diethylphthalate	10.19	149	919378	40.661	ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	448321	41.033	ng	95
62) 4-Nitroaniline	10.35	138	240005	39.695	ng	98
63) Azobenzene	10.47	77	804184	40.918	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	140205	40.525	ng	93
66) n-Nitrosodiphenylamine	10.43	169	745350	39.813	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	302181	40.434	ng	94
68) Hexachlorobenzene	10.87	284	350513	40.679	ng	95
69) Atrazine	10.96	200	242239	37.034	ng	99
70) Pentachlorophenol	11.07	266	141809	40.856	ng	98
71) Phenanthrene	11.28	178	1262876	40.502	ng	98
72) Anthracene	11.33	178	1260315	40.454	ng	98
73) Carbazole	11.49	167	1124845	40.528	ng	99
74) Di-n-butylphthalate	11.82	149	1399432	41.636	ng	98
75) Fluoranthene	12.46	202	1327563	40.111	ng	99
77) Benzidine	12.58	184	496436	31.171	ng	99
78) Pyrene	12.69	202	1328057	42.234	ng	99
80) Butylbenzylphthalate	13.30	149	569891	43.061	ng	96
81) Benzo(a)anthracene	13.88	228	1095755	41.066	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	401661	38.767	ng	98
83) Chrysene	13.92	228	1066564	40.116	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	730005	43.661	ng	98
85) Di-n-octyl phthalate	14.47	149	1055138	39.608	ng	99
86) Indeno(1,2,3-cd)pyrene	16.71	276	912639	35.451	ng	99
88) Benzo(b)fluoranthene	14.90	252	979828	43.990	ng	100
89) Benzo(k)fluoranthene	14.93	252	827543	40.091	ng	99
90) Benzo(a)pyrene	15.25	252	807740	40.181	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	746619	42.210	ng	99
92) Benzo(g,h,i)perylene	17.13	276	734060	42.002	ng	98

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

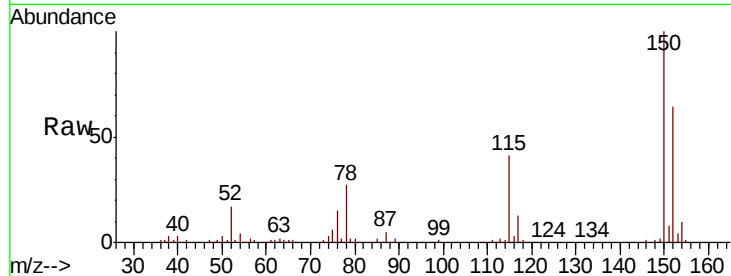


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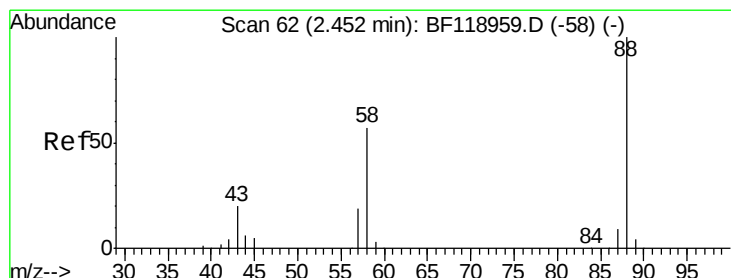
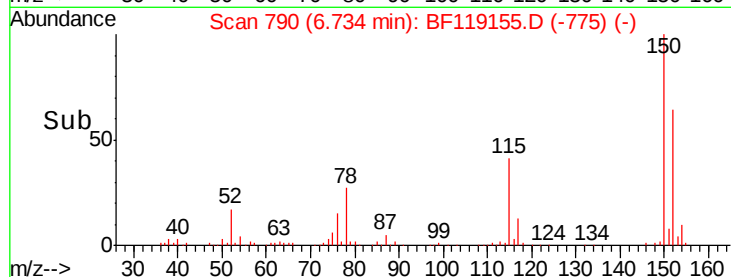
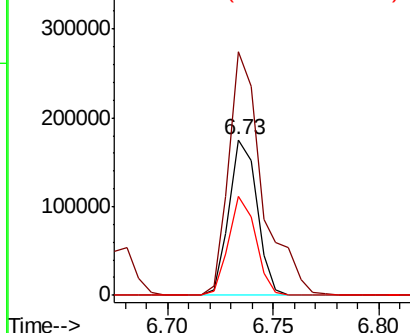
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.6
115	63.5	49.5	74.3



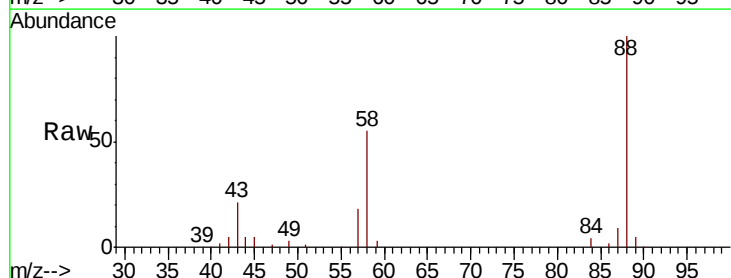
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



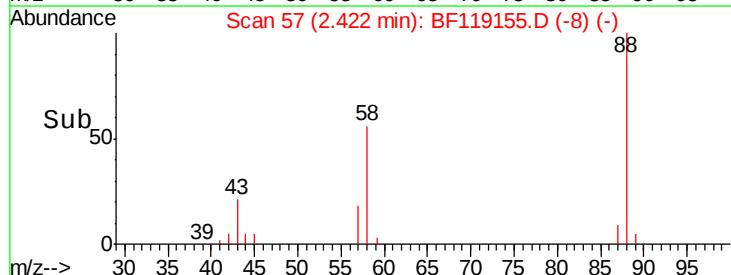
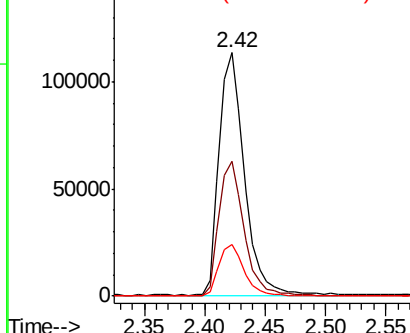
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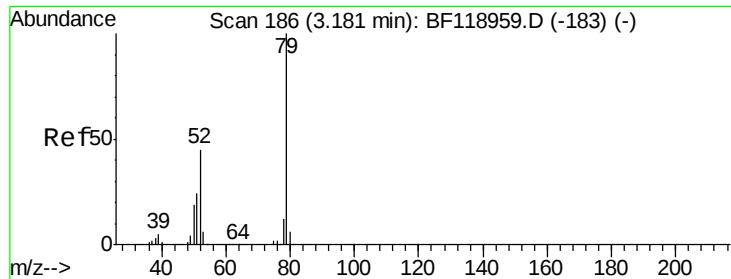
1,4-Dioxane
Concen: 38.218 ng
RT: 2.42 min Scan# 57
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	43.8	65.6
43	21.3	16.2	24.4



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

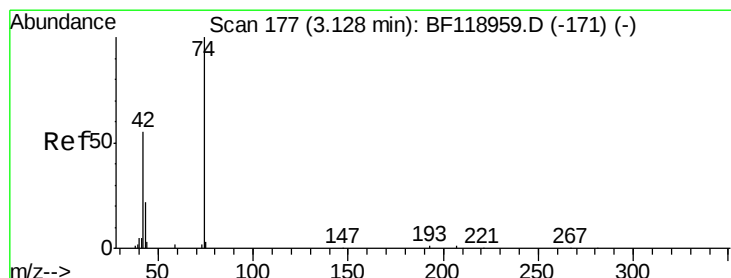
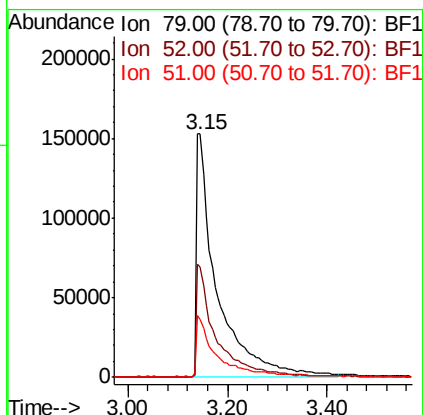
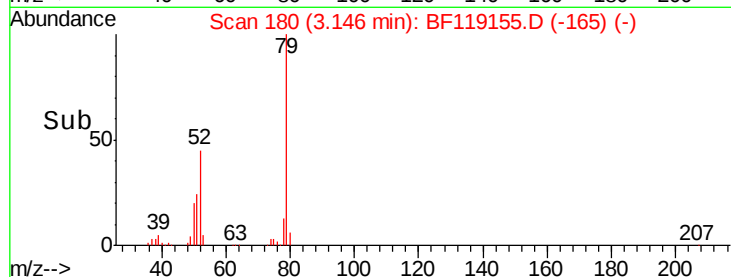
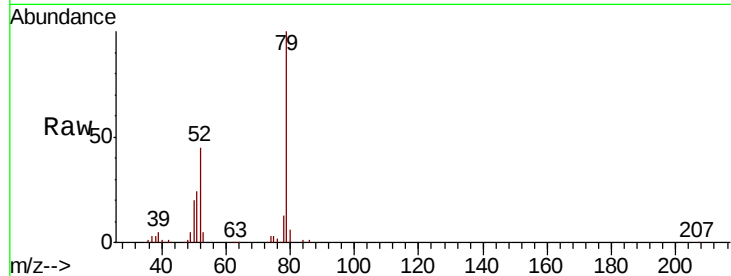




#3
 Pvridine
 Concen: 37.840 ng
 RT: 3.15 min Scan# 180
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

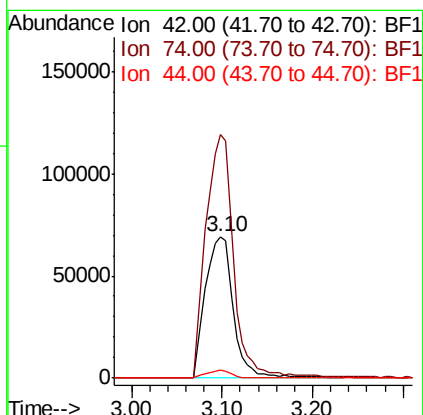
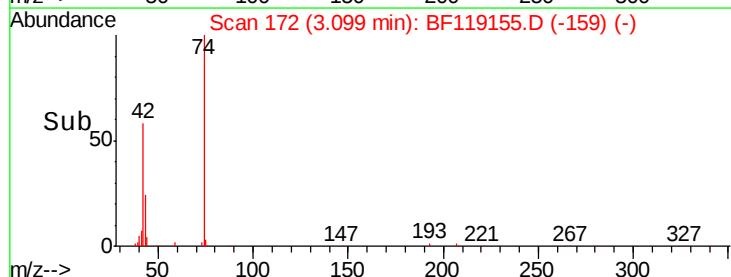
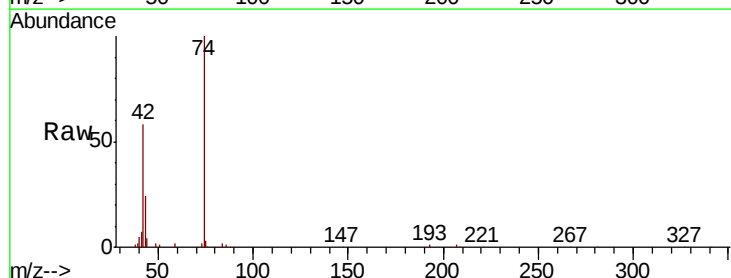
Instrument :
 BNA_F
 ClientSampleId :

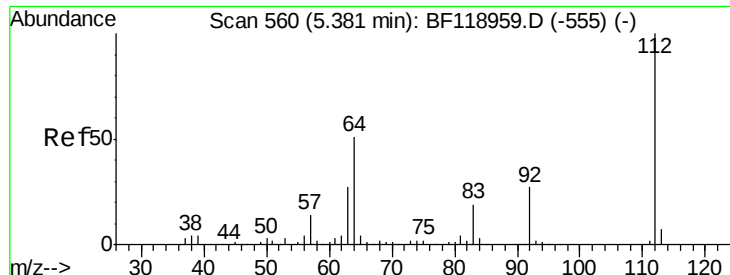
Tot Ion: 79 Resp: 441888
 Ion Ratio Lower Upper
 79 100
 52 45.2 37.4 56.0
 51 24.0 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 42.032 ng
 RT: 3.10 min Scan# 172
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion: 42 Resp: 148690
 Ion Ratio Lower Upper
 42 100
 74 172.4 137.7 206.5
 44 6.1 4.5 6.7





#5

2-Fluorophenol

Concen: 82.204 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

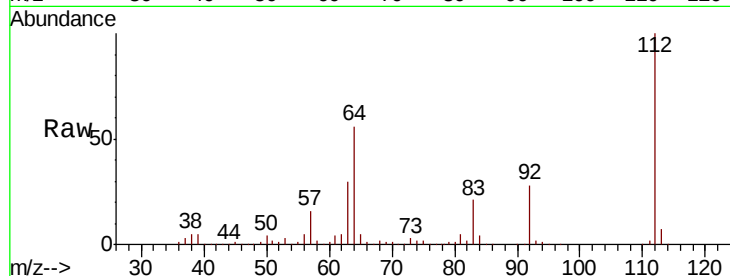
Tot Ion:112 Resp: 789477

Ion Ratio Lower Upper

112 100

64 55.8 45.0 67.4

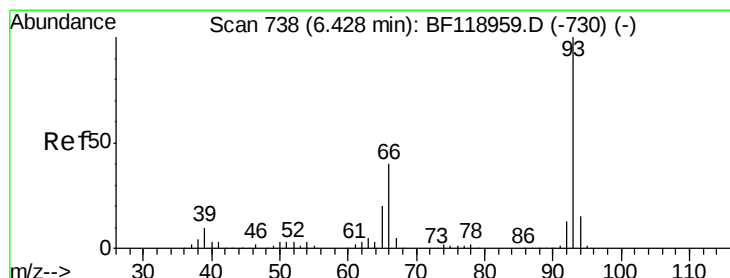
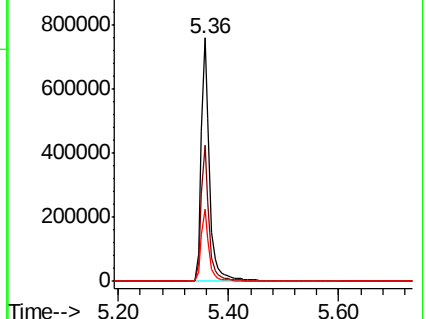
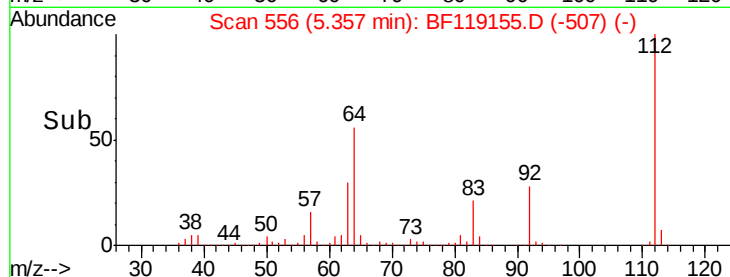
63 29.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.564 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

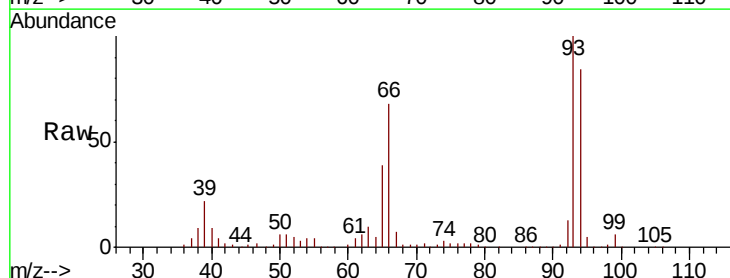
Tgt Ion: 93 Resp: 570198

Ion Ratio Lower Upper

93 100

66 67.6 74.5 111.7#

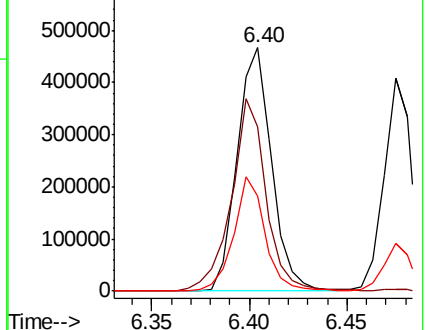
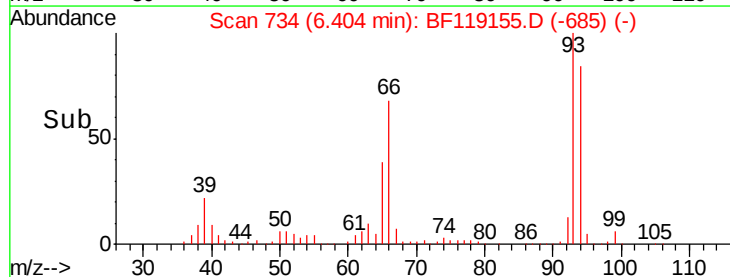
65 39.0 45.3 67.9#



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: 81.211 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampled :

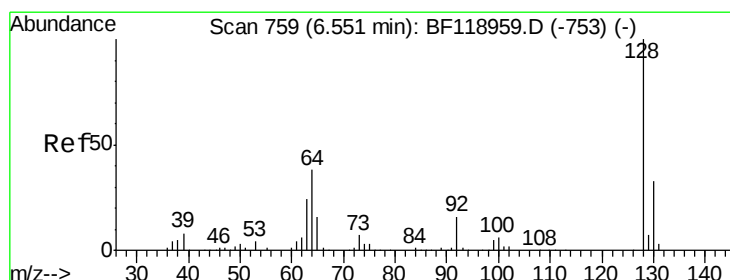
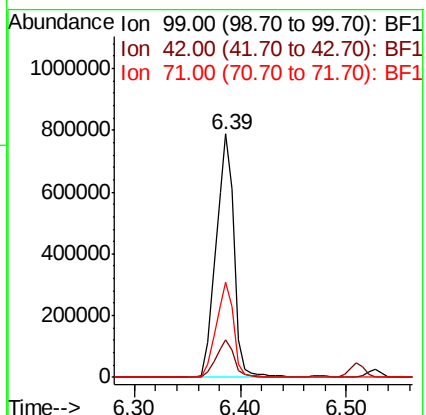
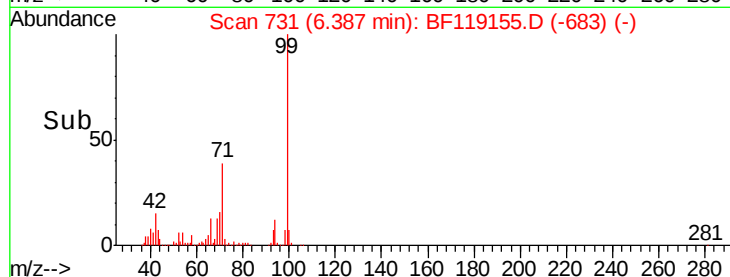
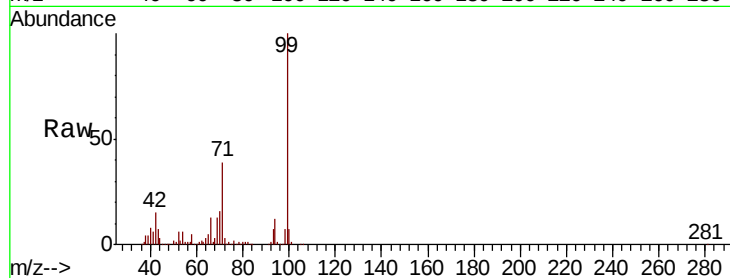
Tot Ion: 99 Resp: 948544

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 38.9 31.0 46.4



#8

2-Chlorophenol

Concen: 40.621 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

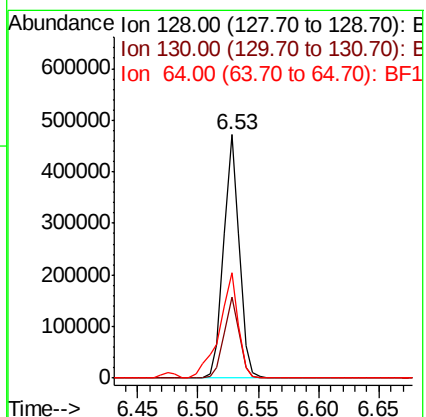
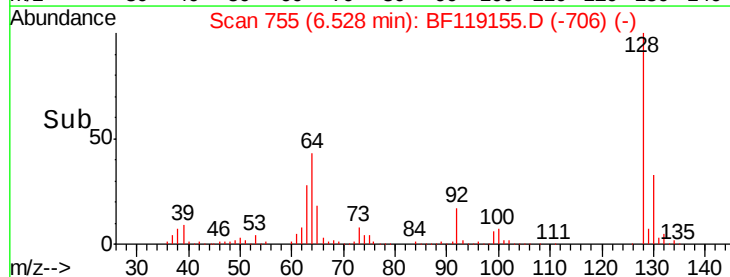
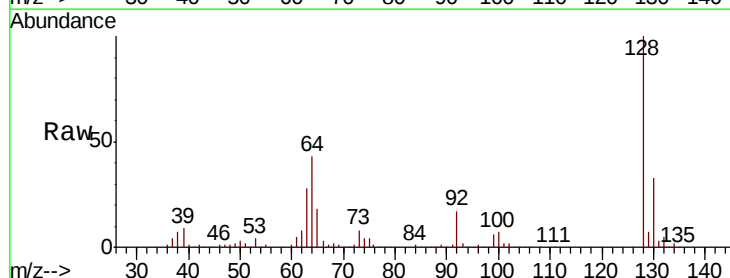
Tgt Ion: 128 Resp: 421015

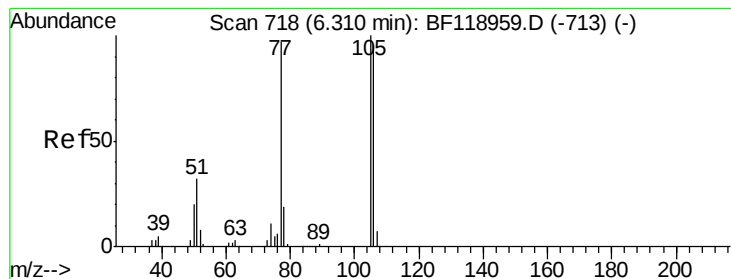
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 43.4 22.3 62.3





#9

Benzaldehyde

Concen: 35.452 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

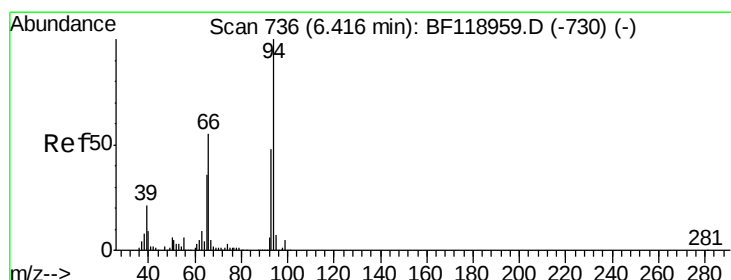
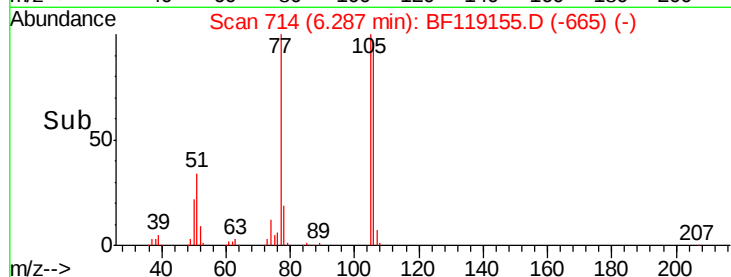
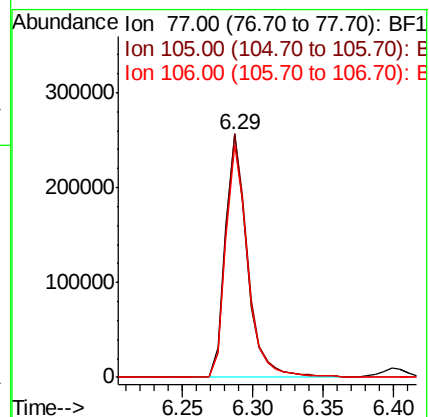
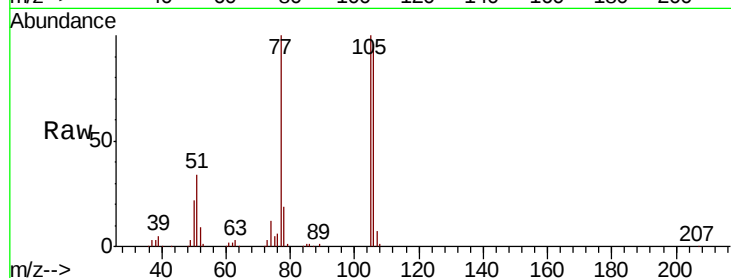
Tot Ion: 77 Resp: 276655

Ion Ratio Lower Upper

77 100

105 100.0 80.1 120.1

106 95.5 75.9 115.9



#10

Phenol

Concen: 40.364 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

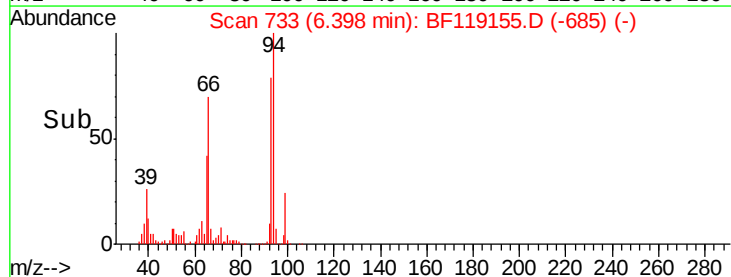
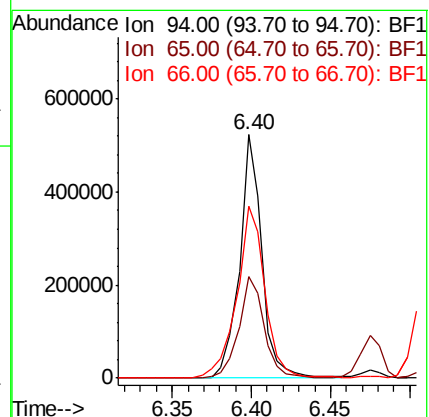
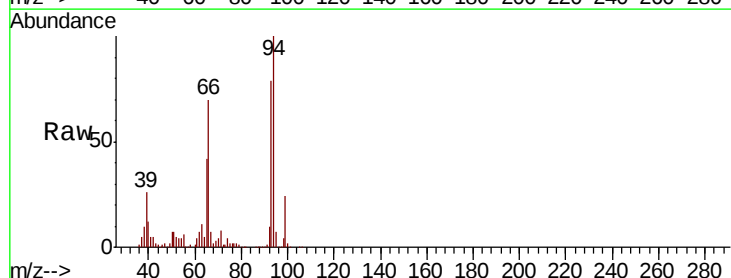
Tgt Ion: 94 Resp: 509724

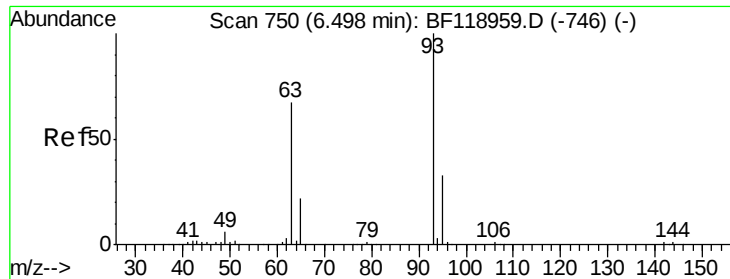
Ion Ratio Lower Upper

94 100

65 41.9 19.2 59.2

66 70.4 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 40.383 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

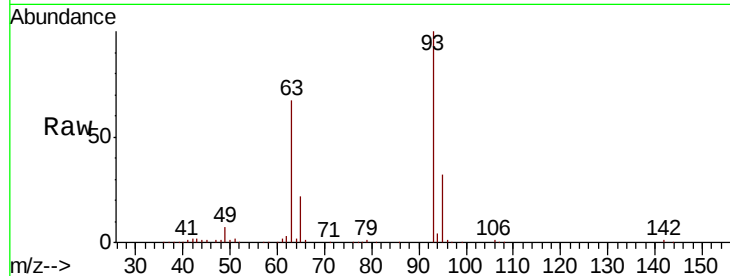
Tot Ion: 93 Resp: 390196

Ion Ratio Lower Upper

93 100

63 67.1 45.4 85.4

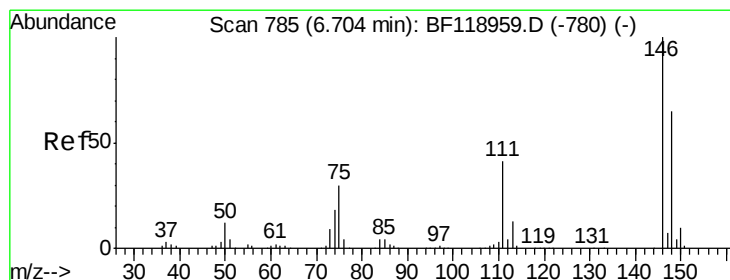
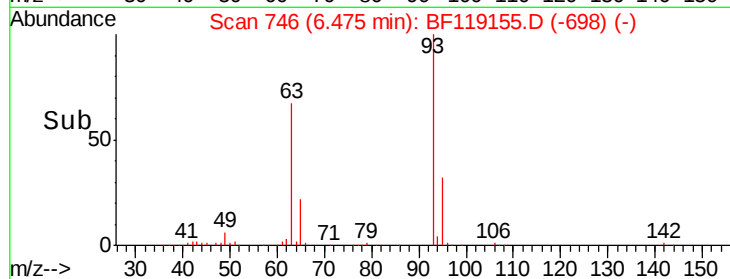
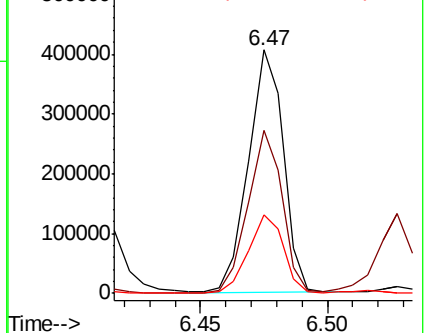
95 32.5 13.5 53.5



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: 40.596 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

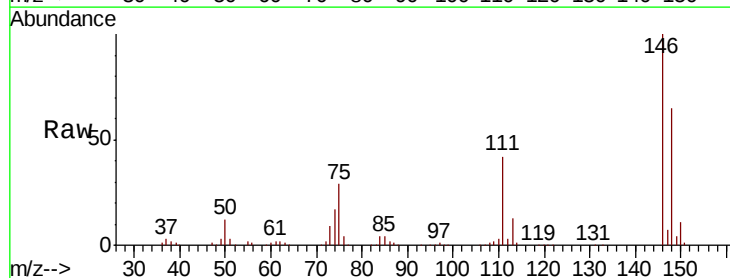
Tgt Ion: 146 Resp: 504300

Ion Ratio Lower Upper

146 100

148 64.9 52.5 78.7

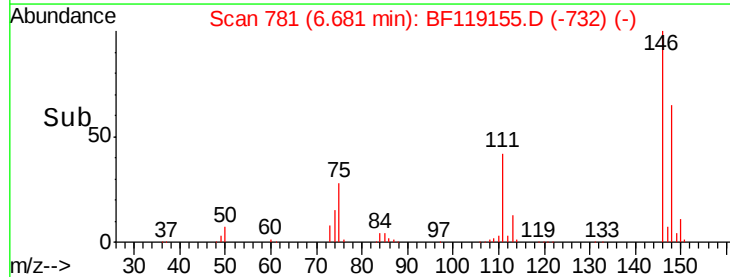
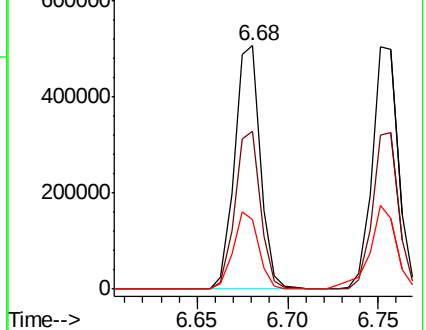
75 28.7 23.6 35.4

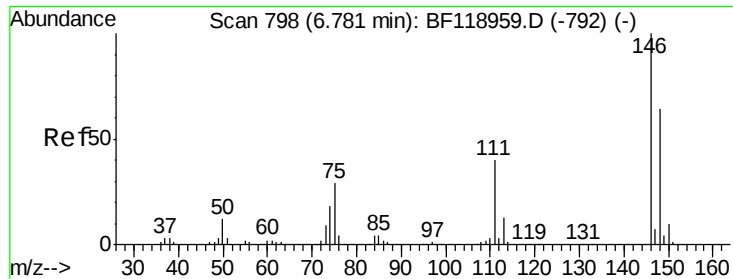


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

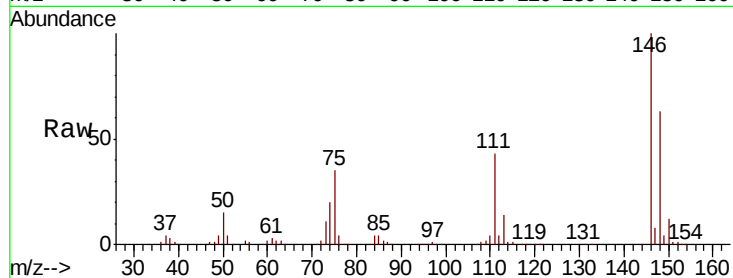




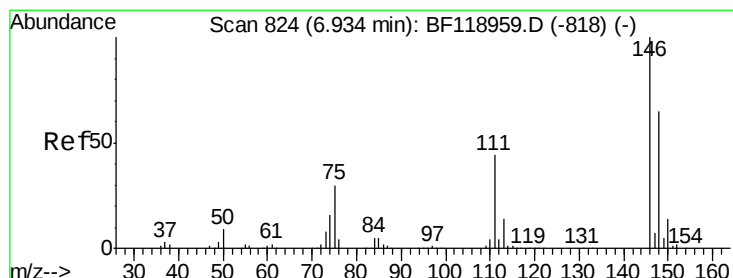
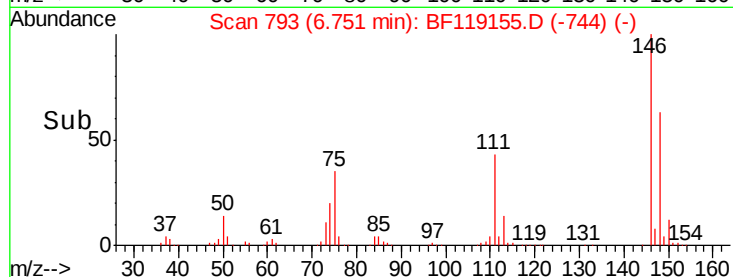
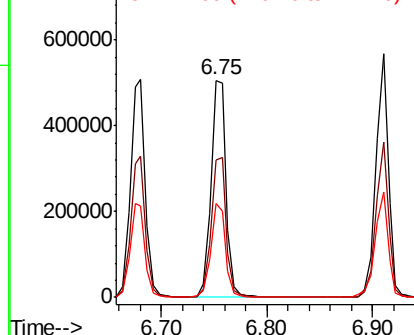
#13
 1,4-Dichlorobenzene
 Concen: 40.927 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 508760
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 43.2 34.8 52.2

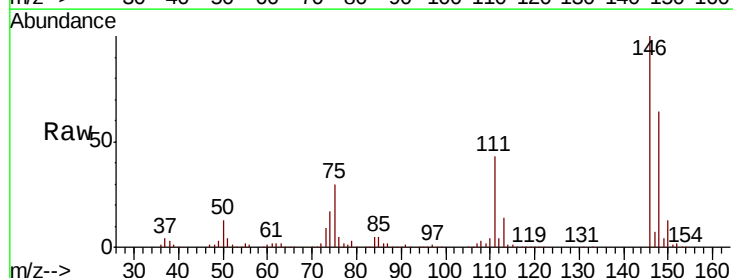


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

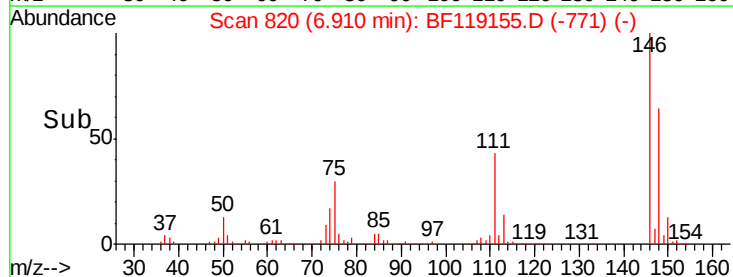
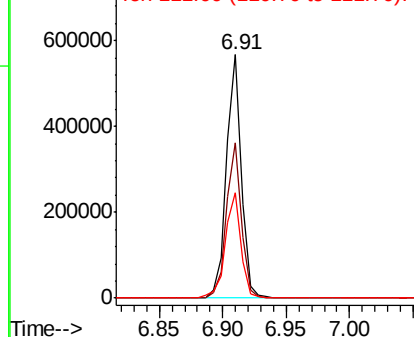


#14
 1,2-Dichlorobenzene
 Concen: 40.893 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion:146 Resp: 463604
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 43.1 36.2 54.2



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: 41.163 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampled :

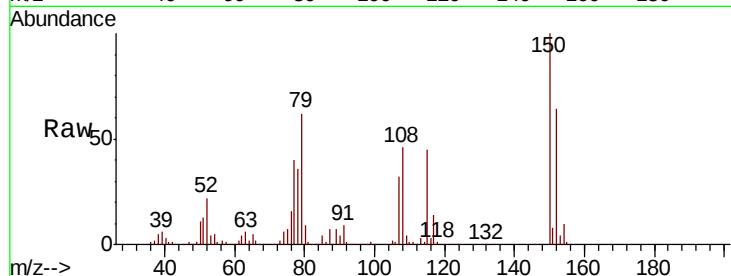
Tot Ion: 79 Resp: 347477

Ion Ratio Lower Upper

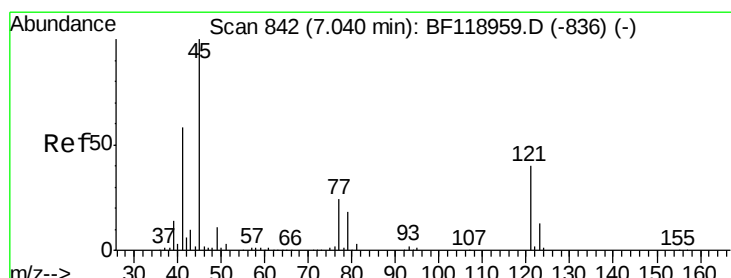
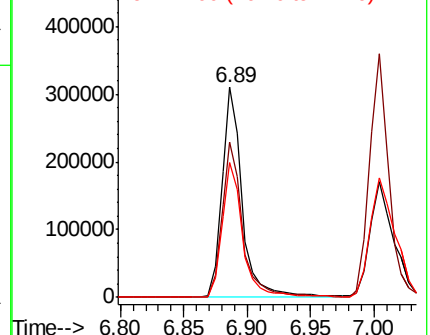
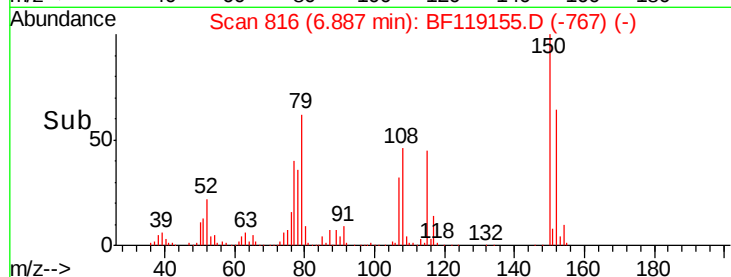
79 100

108 73.7 58.2 87.2

77 64.2 51.2 76.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.381 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

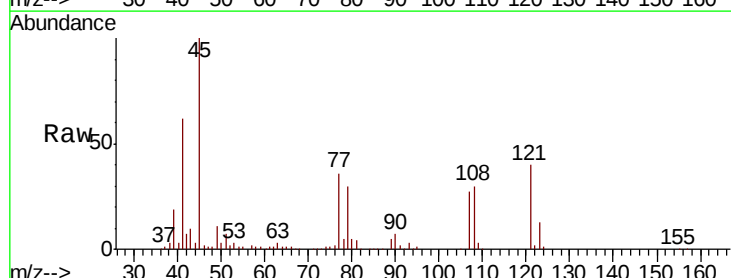
Tgt Ion: 45 Resp: 329617

Ion Ratio Lower Upper

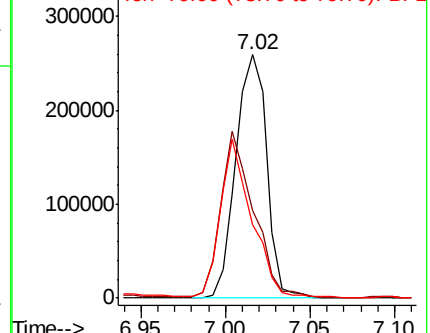
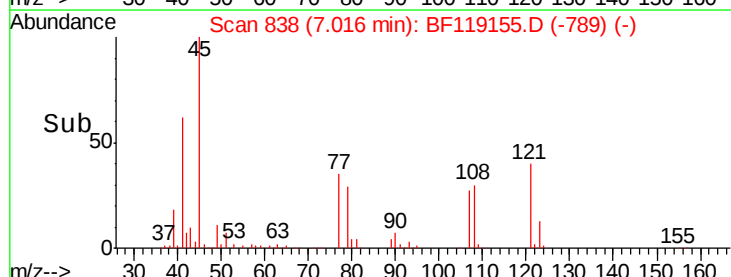
45 100

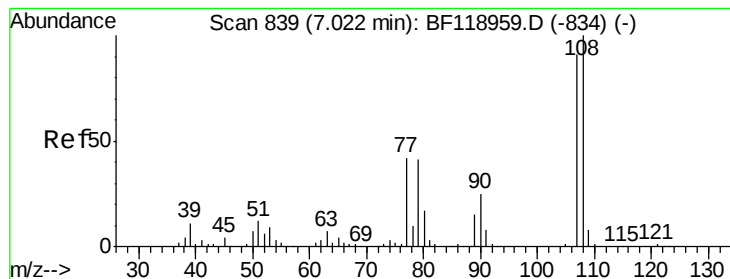
77 35.8 15.0 55.0

79 30.1 9.4 49.4



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

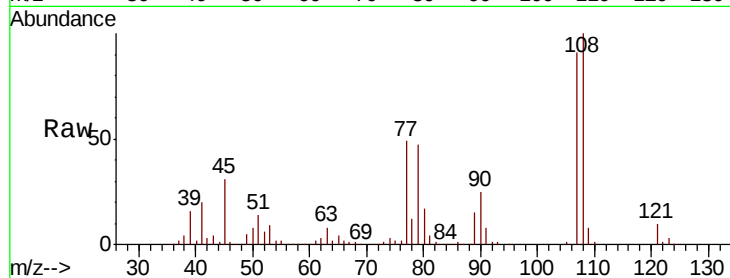




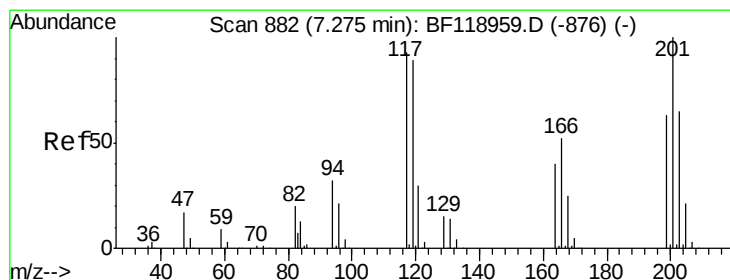
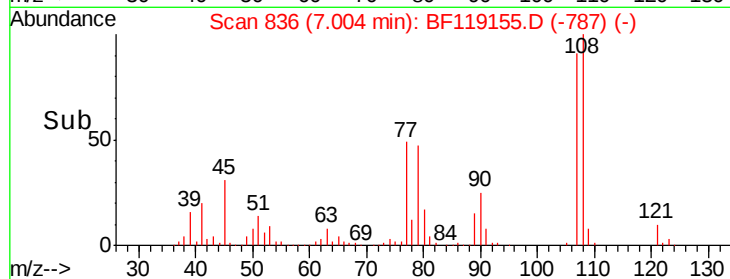
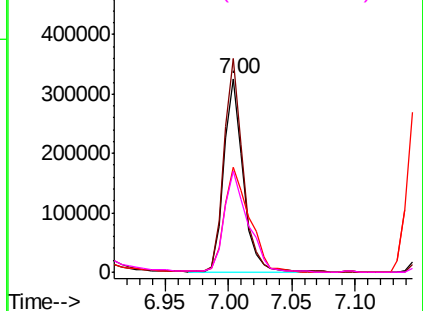
#17
2-Methylphenol
Concen: 40.494 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 340272
Ion Ratio Lower Upper
107 100
108 110.2 87.9 131.9
77 54.3 45.3 67.9
79 52.1 43.0 64.4

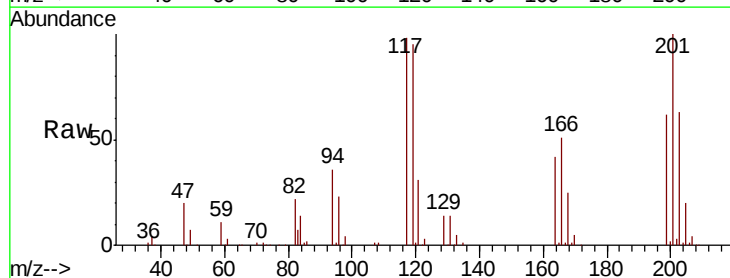


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

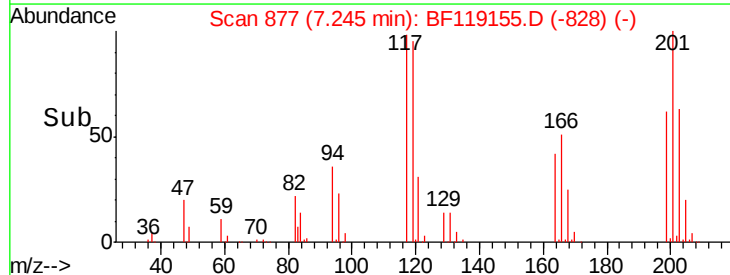
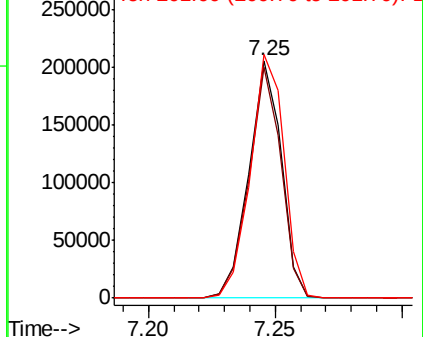


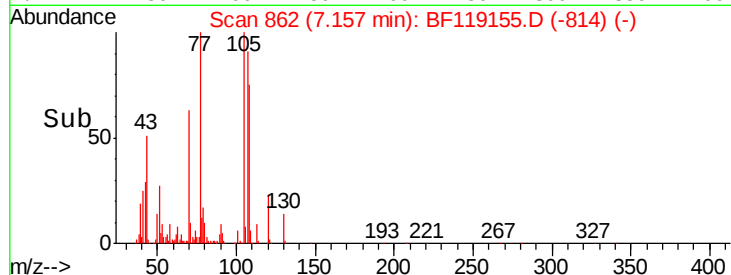
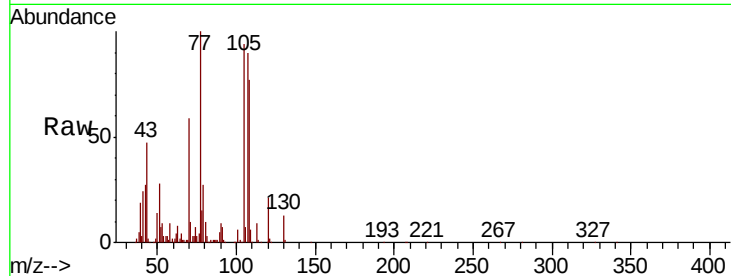
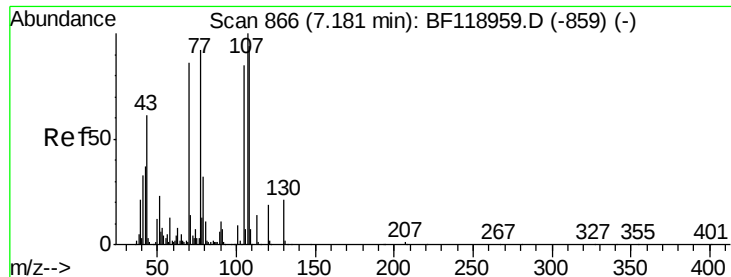
#18
Hexachloroethane
Concen: 41.487 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:117 Resp: 184505
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
201 102.4 82.6 123.8



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

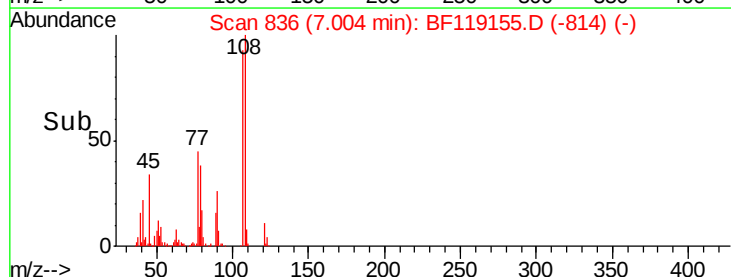
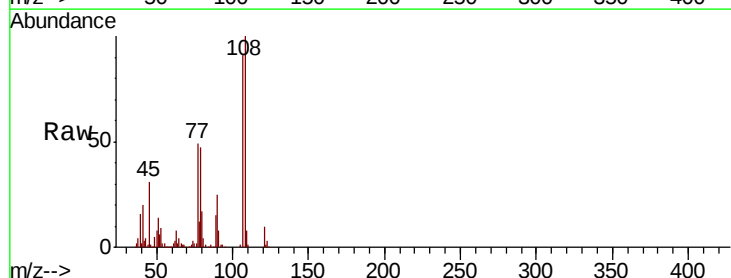
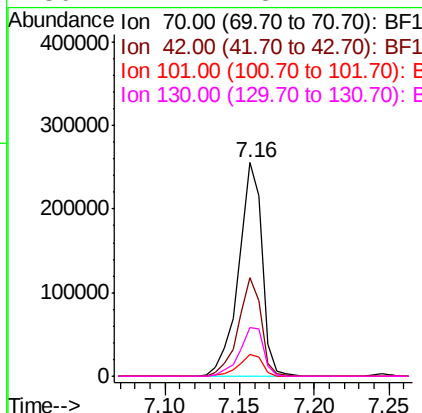




#19
n-Nitroso-di-n-propylamine
Concen: 40.956 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

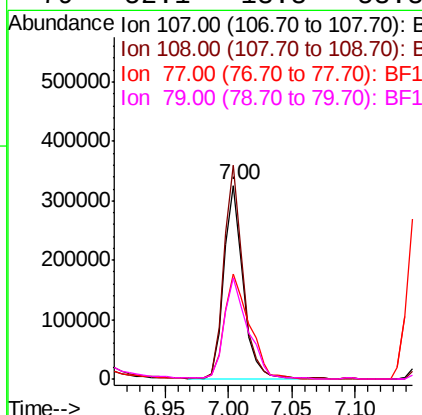
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 278742
Ion Ratio Lower Upper
70 100
42 46.3 38.0 57.0
101 9.9 8.2 12.4
130 22.7 18.2 27.4



#20
3+4-Methylphenols
Concen: 32.883 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.17 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion: 107 Resp: 338525
Ion Ratio Lower Upper
107 100
108 110.2 71.5 111.5
77 54.3 45.9 85.9
79 52.1 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 575384

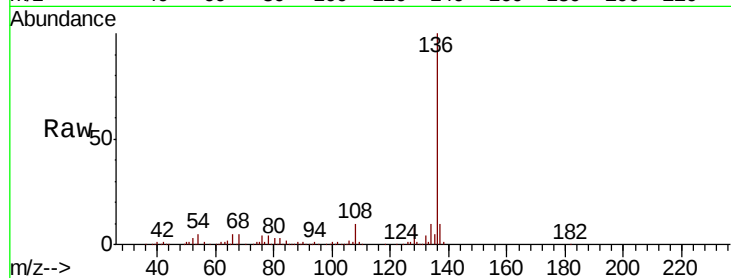
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 4.6 3.8 5.6

68 4.8 3.9 5.9

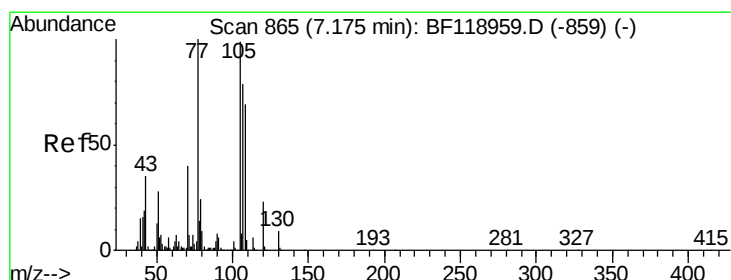
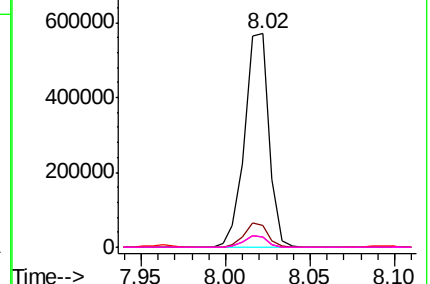
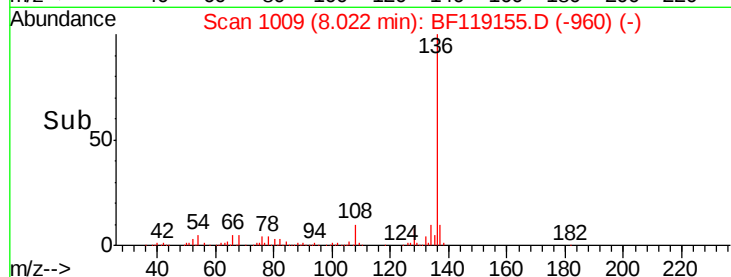


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.456 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Tgt Ion:105 Resp: 551903

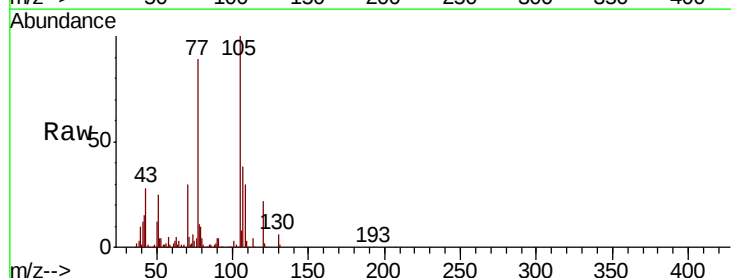
Ion Ratio Lower Upper

105 100

71 5.0 3.0 4.4#

51 24.7 20.1 30.1

120 22.4 18.0 27.0

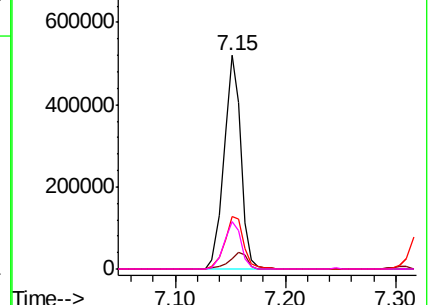
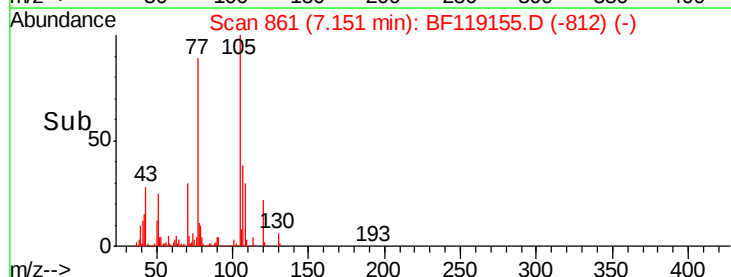


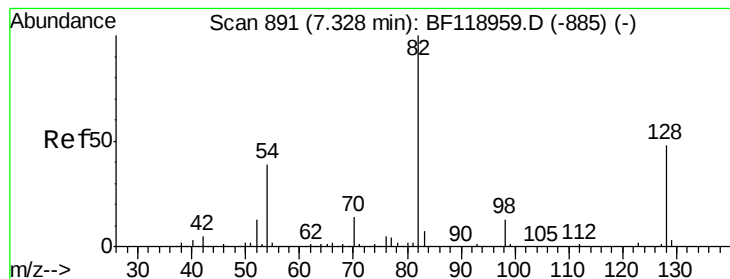
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.982 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

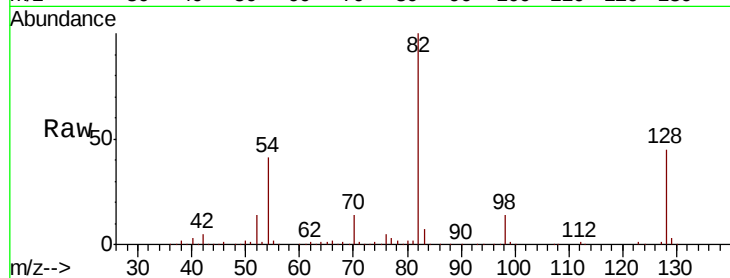
Tot Ion: 82 Resp: 893388

Ion Ratio Lower Upper

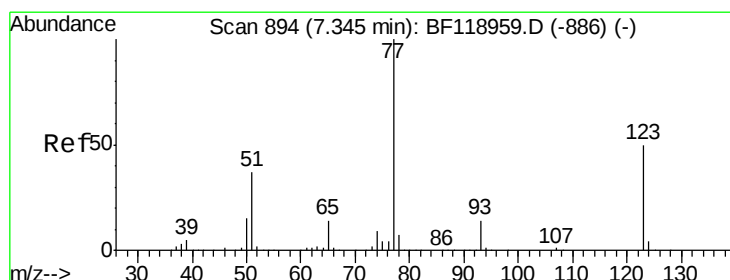
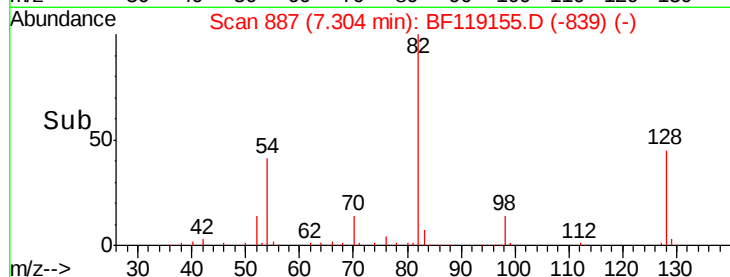
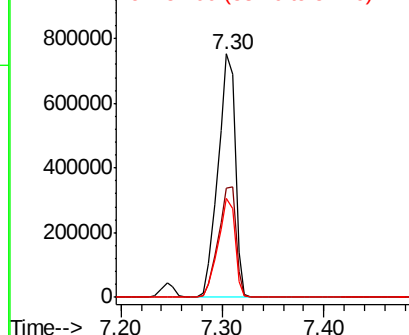
82 100

128 44.9 37.9 56.9

54 40.8 33.4 50.2



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



#24

Nitrobenzene

Concen: 40.692 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

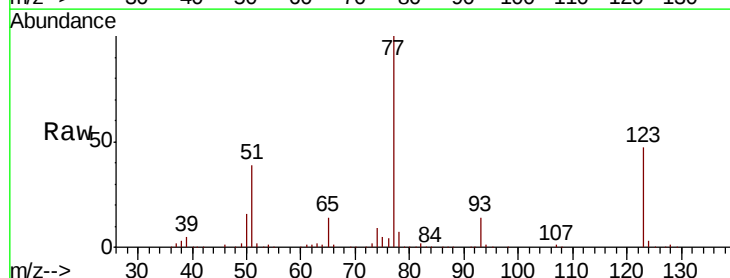
Tgt Ion: 77 Resp: 438511

Ion Ratio Lower Upper

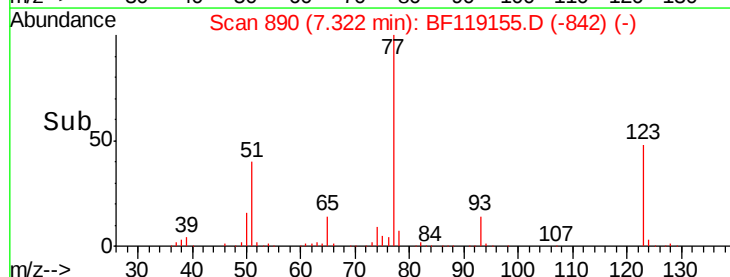
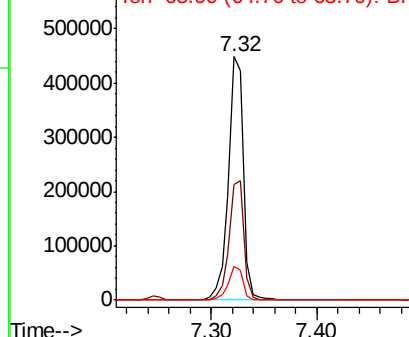
77 100

123 47.4 40.2 60.2

65 13.7 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

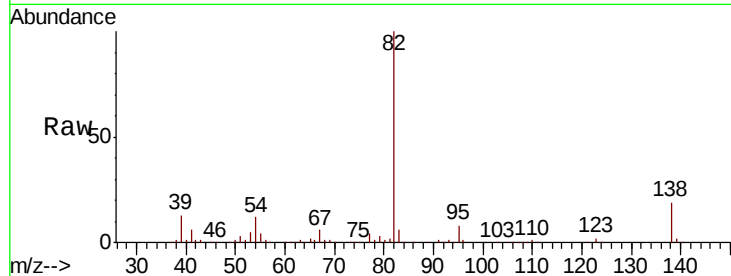




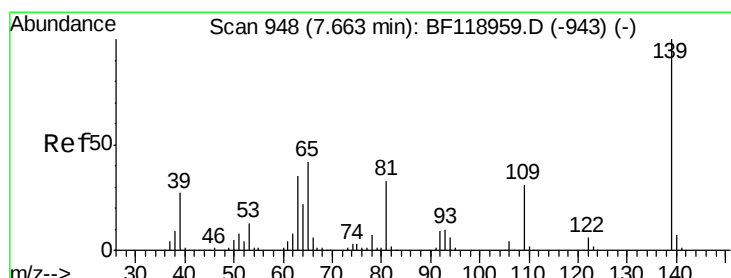
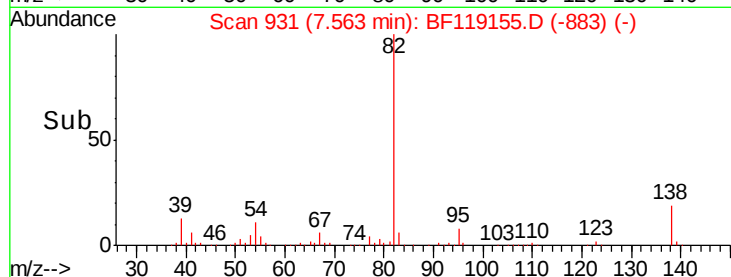
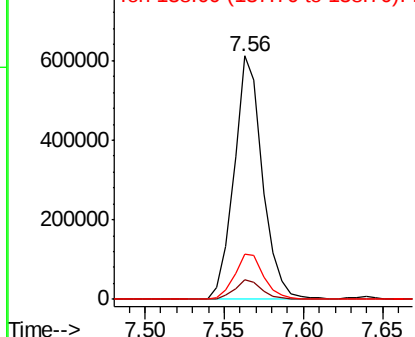
#25
Isophorone
Concen: 40.013 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 757276
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.7 15.7 23.5

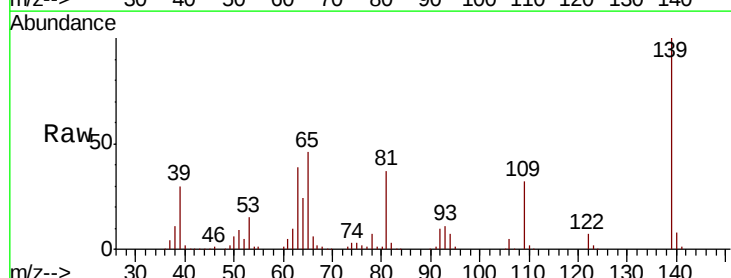


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

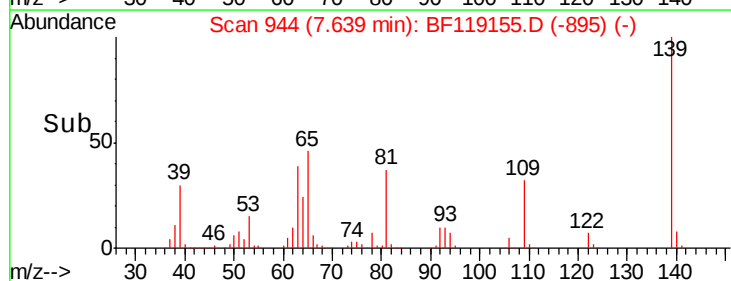
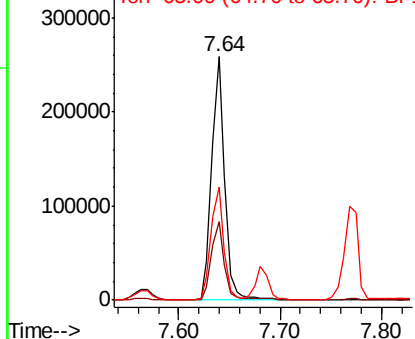


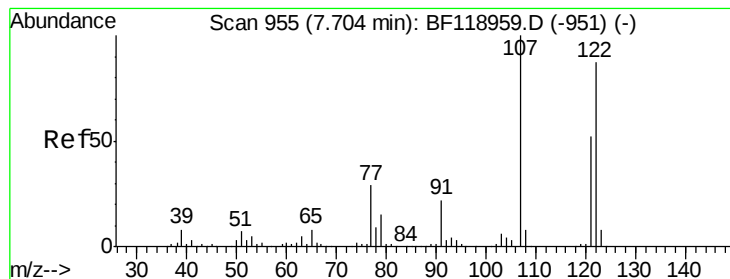
#26
2-Nitrophenol
Concen: 40.563 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion: 139 Resp: 231612
Ion Ratio Lower Upper
139 100
109 32.1 25.7 38.5
65 46.3 37.1 55.7



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





#27

2,4-Dimethylphenol

Concen: 39.696 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

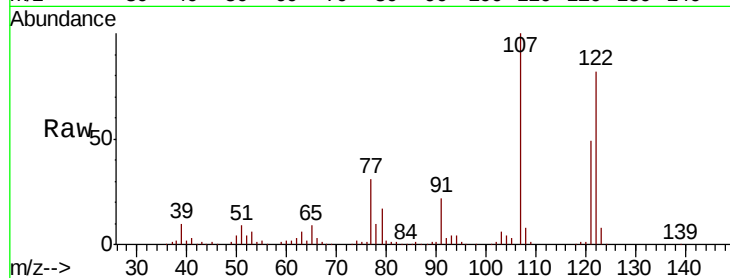
Tot Ion:122 Resp: 307618

Ion Ratio Lower Upper

122 100

107 121.4 93.8 140.6

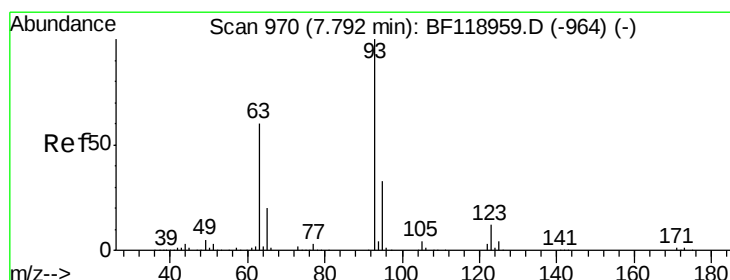
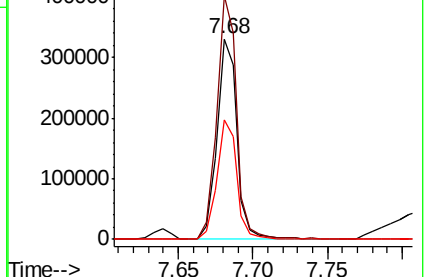
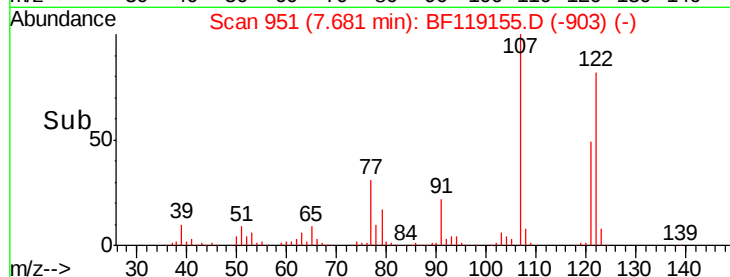
121 59.3 48.2 72.2



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: 39.580 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

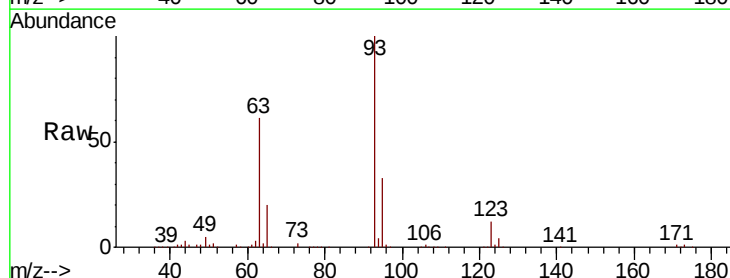
Tgt Ion: 93 Resp: 487569

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

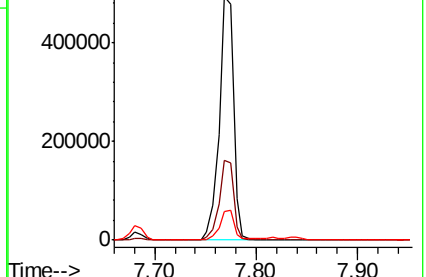
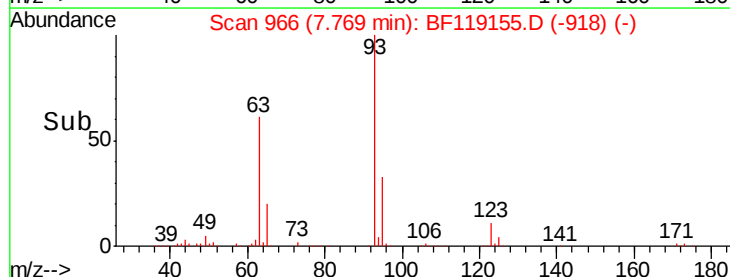
123 11.5 10.2 15.2

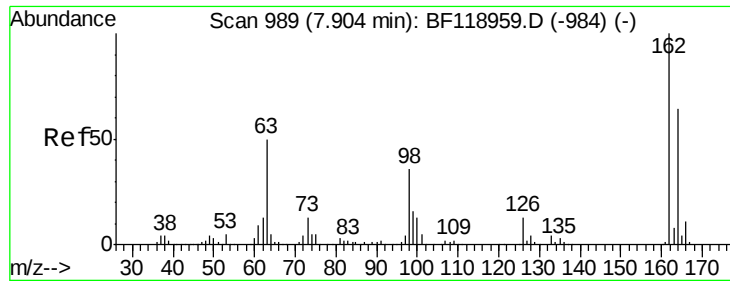


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

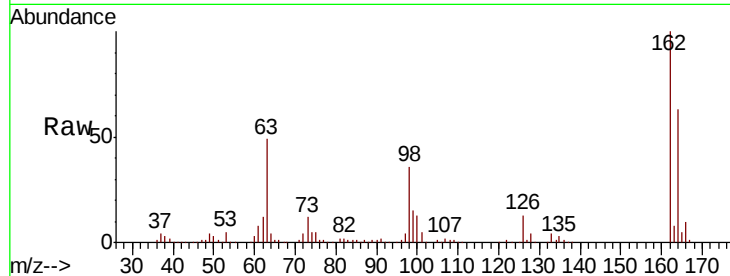




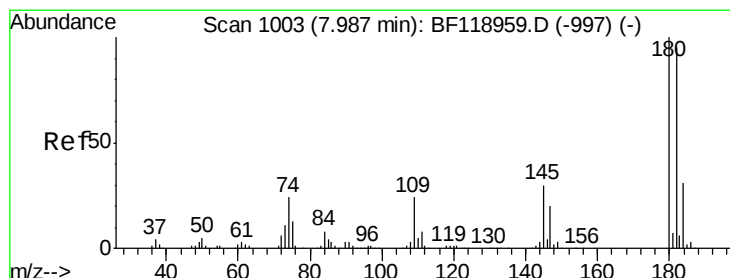
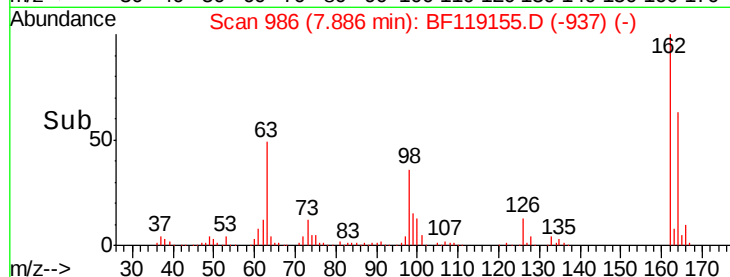
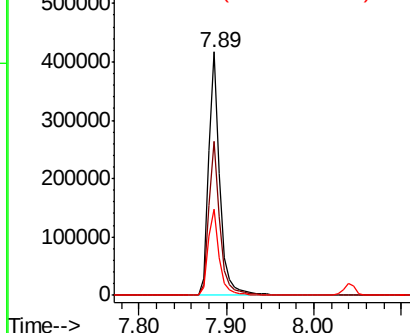
#29
2,4-Dichlorophenol
Concen: 40.501 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 369484
Ion Ratio Lower Upper
162 100
164 63.1 45.2 85.2
98 35.6 17.4 57.4

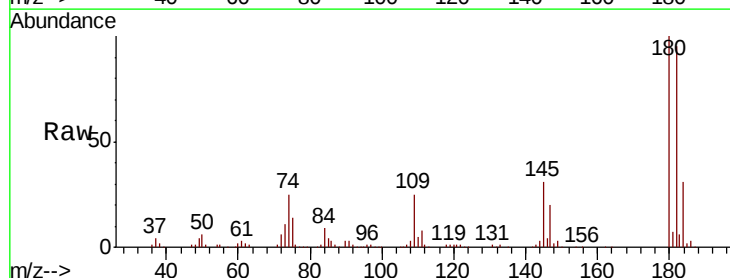


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

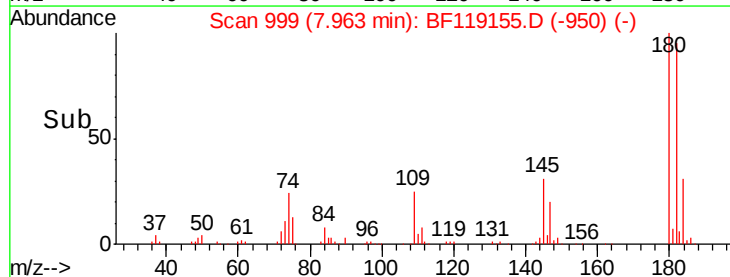
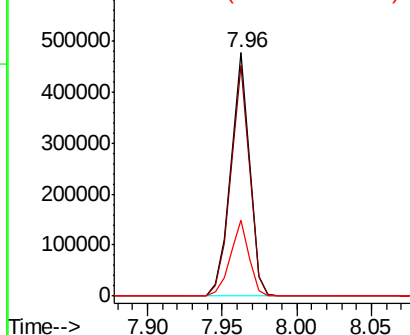


#30
1,2,4-Trichlorobenzene
Concen: 39.947 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:180 Resp: 432083
Ion Ratio Lower Upper
180 100
182 94.8 77.8 116.6
145 31.3 25.2 37.8



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: 40.262 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

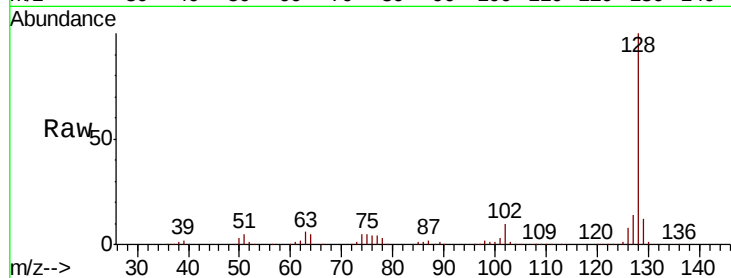
Tot Ion:128 Resp: 1201429

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

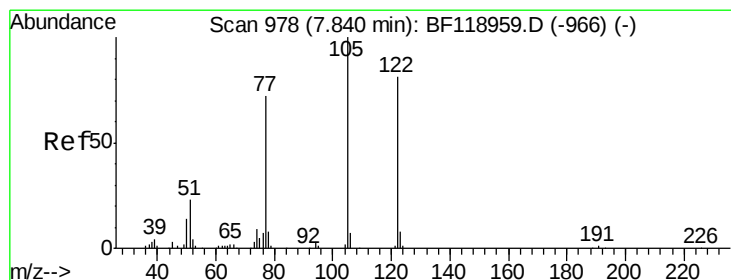
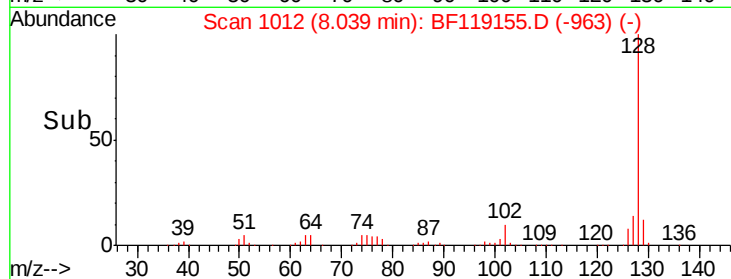
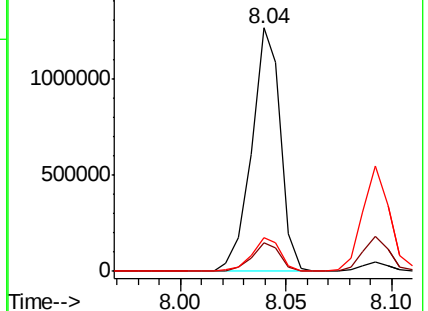
127 13.8 11.4 17.2



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: 39.091 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

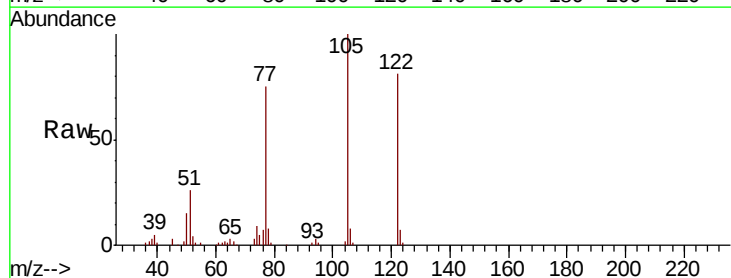
Tgt Ion:122 Resp: 212896

Ion Ratio Lower Upper

122 100

105 123.4 106.3 146.3

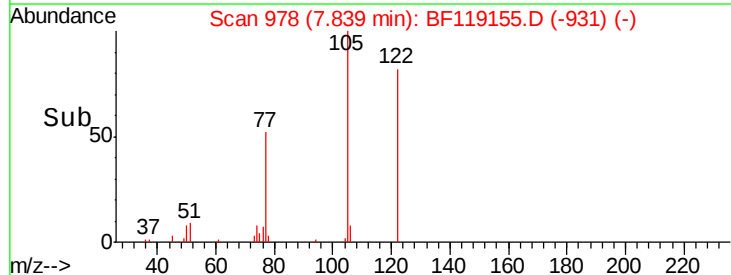
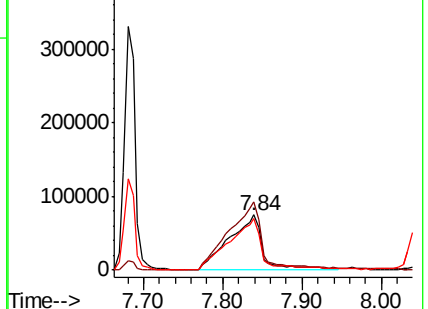
77 92.5 73.1 113.1



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

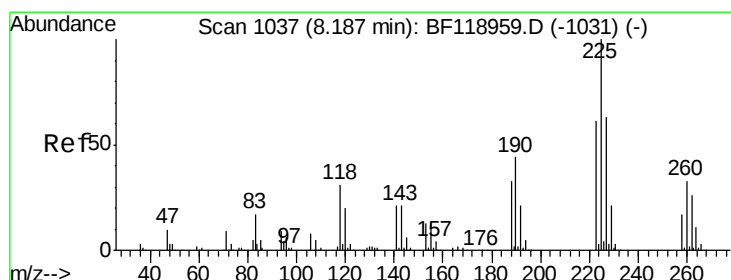
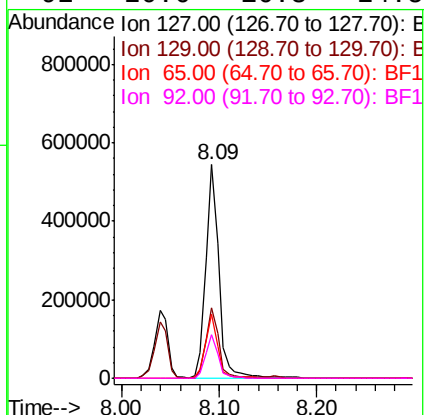
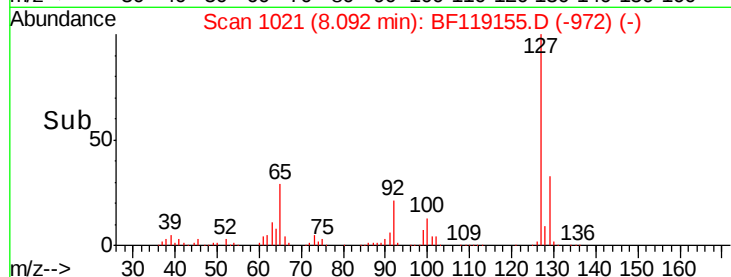
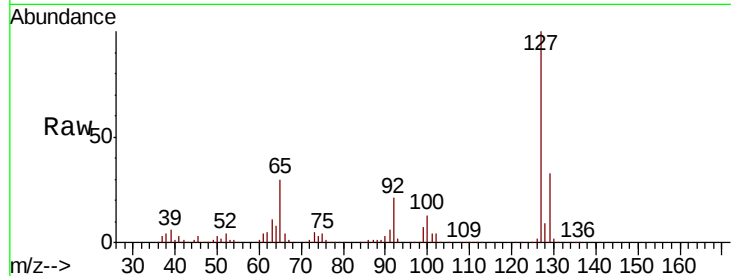




#33
4-Chloroaniline
Concen: 39.670 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

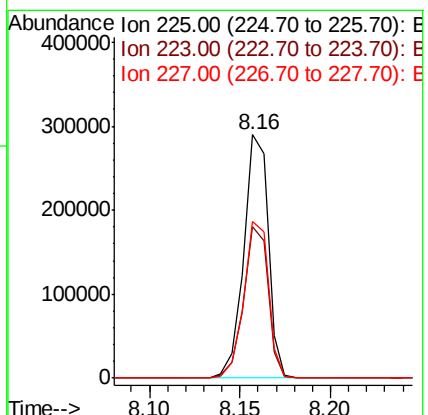
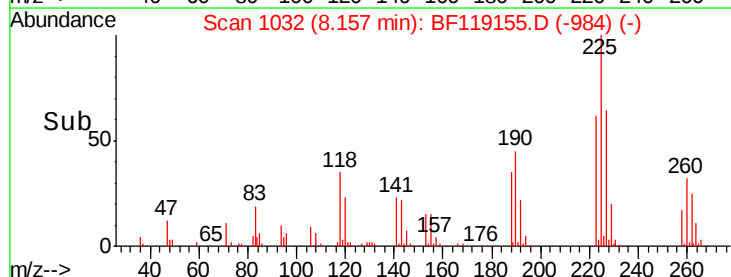
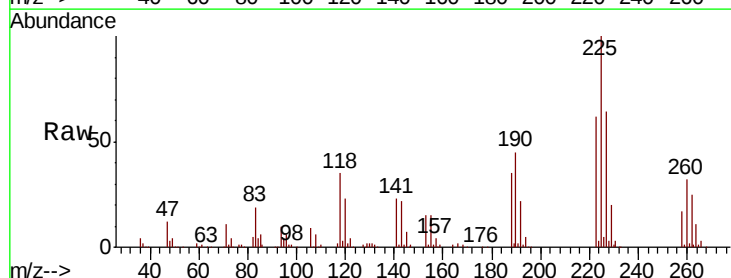
Instrument :
BNA_F
ClientSampleId :

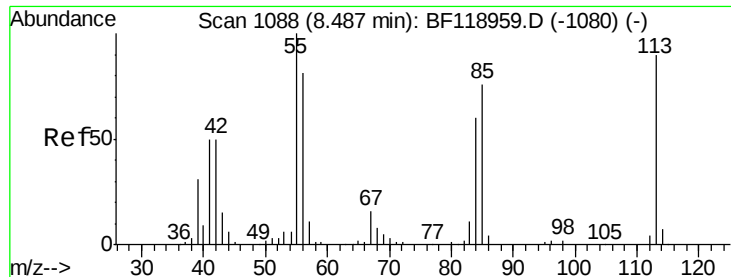
Tot Ion:	127	Resp:	509149
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	29.7	23.9	35.9
92	20.6	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.347 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:	225	Resp:	271840
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.2
227	64.3	52.9	79.3





#35

Caprolactam

Concen: 30.245 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.03 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampled :

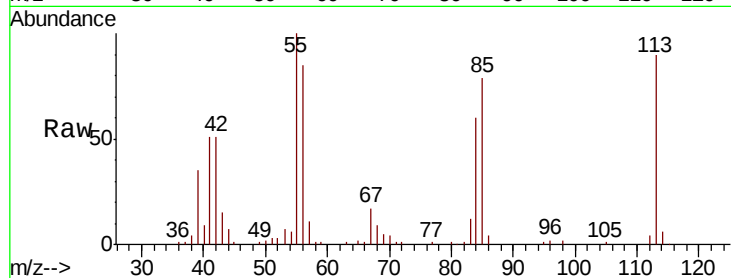
Tot Ion:113 Resp: 84960

Ion Ratio Lower Upper

113 100

55 110.6 95.7 135.7

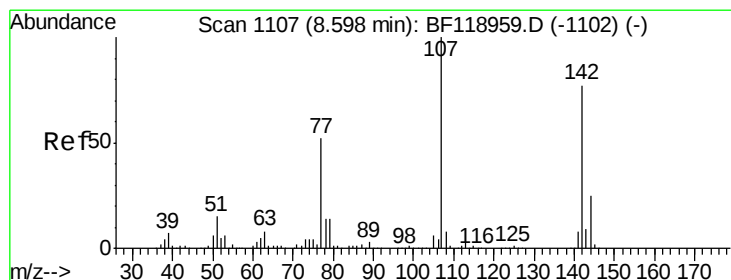
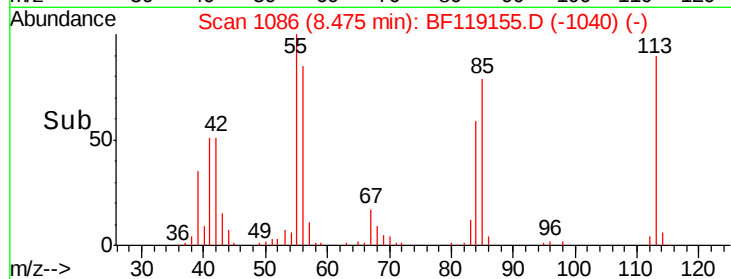
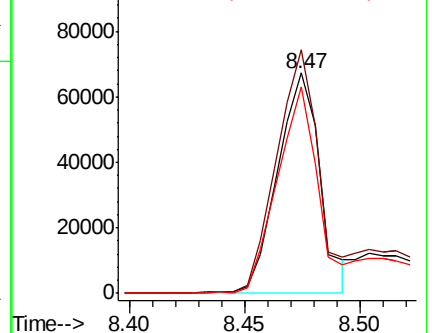
56 93.6 73.1 113.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.721 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

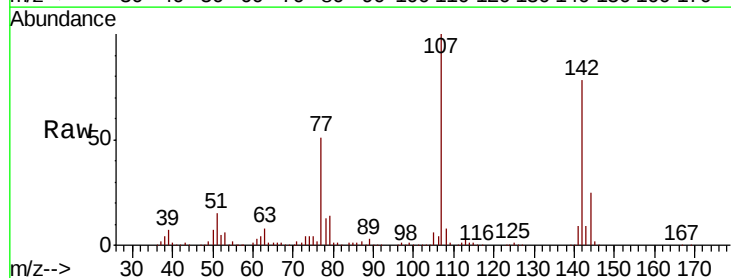
Tgt Ion:107 Resp: 375964

Ion Ratio Lower Upper

107 100

144 25.2 20.1 30.1

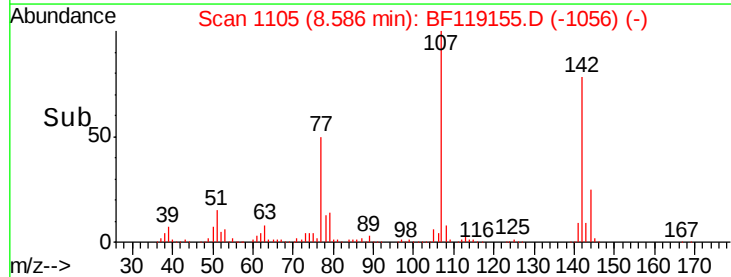
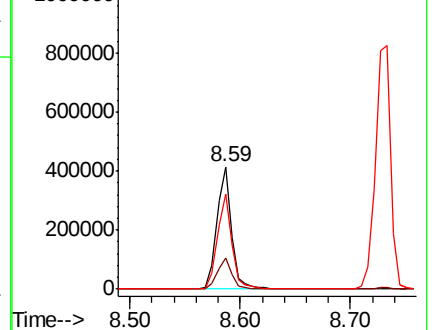
142 78.1 61.4 92.2

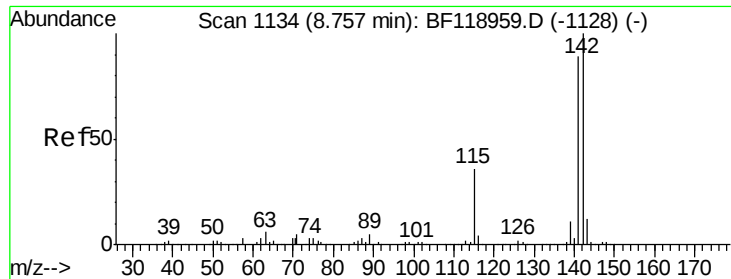


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

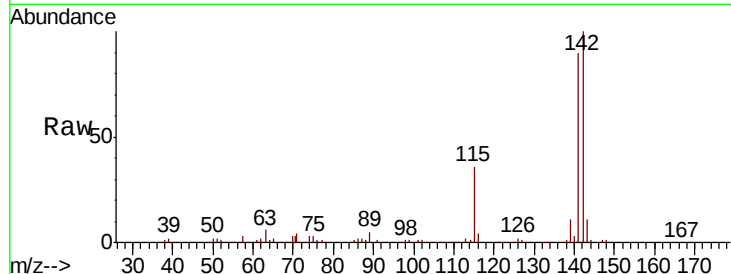




#37
2-Methylnaphthalene
Concen: 40.039 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	35.7	30.6	45.8

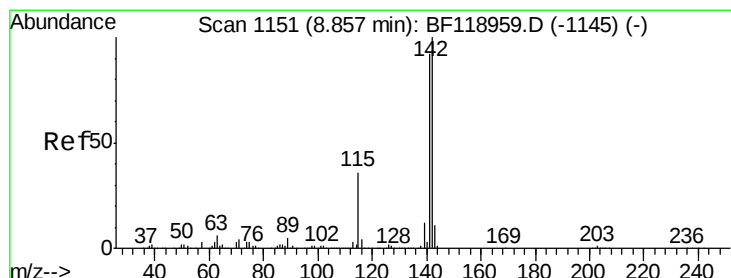
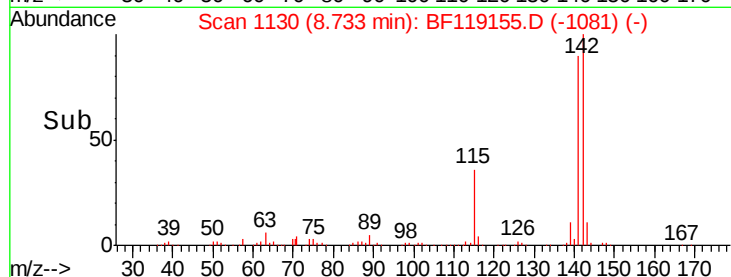
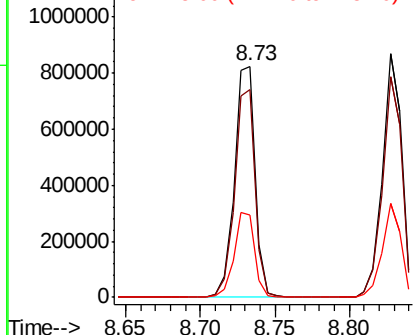


Abundance

Ion 142.00 (141.70 to 142.70): E

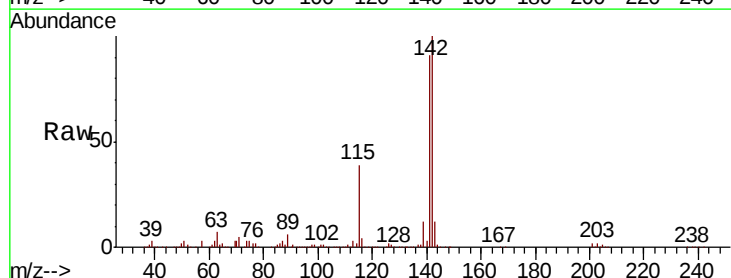
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.480 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	75.8	113.6
116	4.2	3.1	4.7

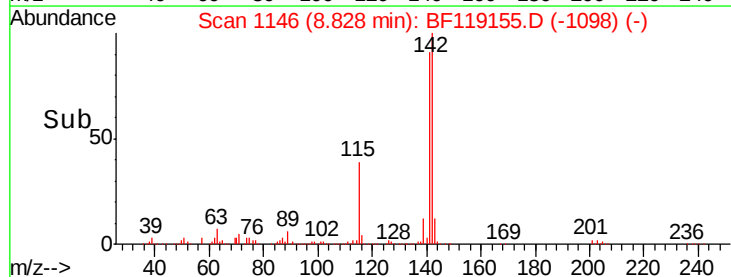
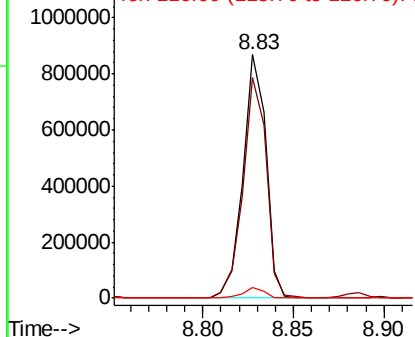


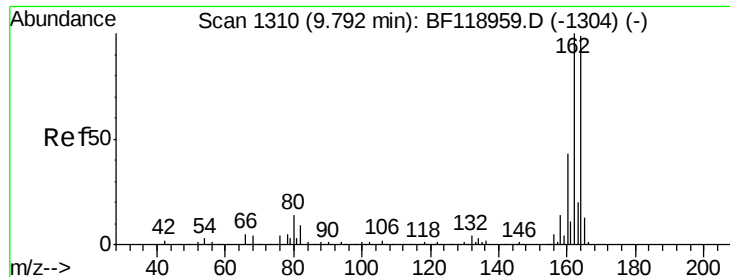
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

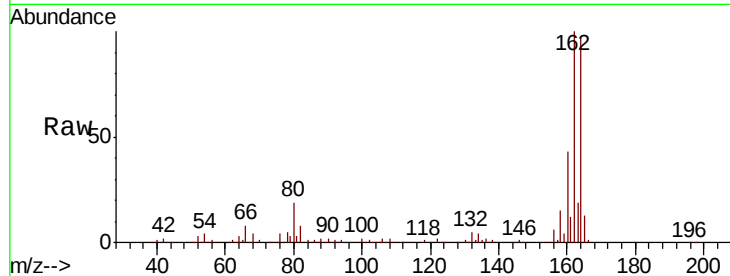




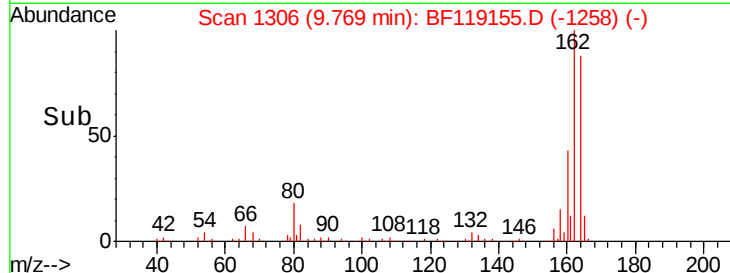
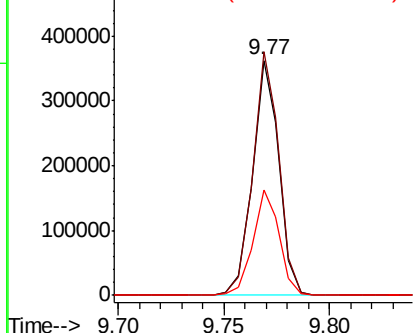
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 313770
Ion Ratio Lower Upper
164 100
162 103.5 81.8 122.8
160 44.9 36.0 54.0

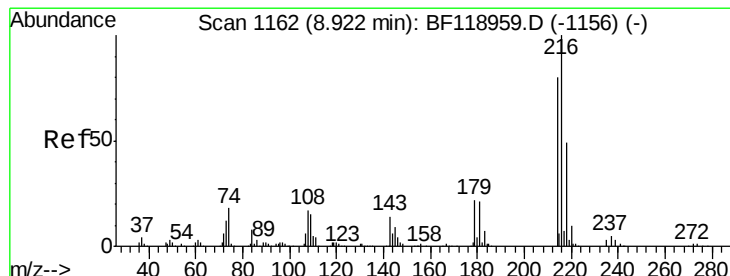


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

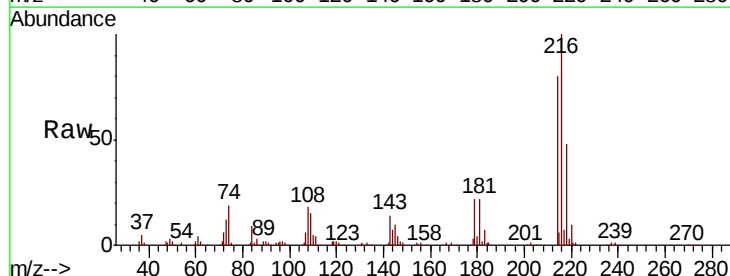
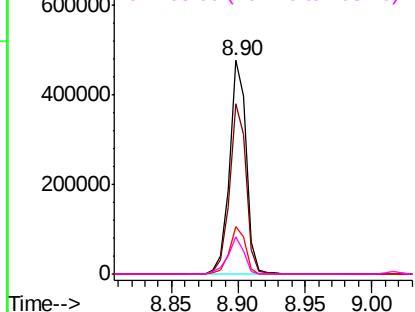


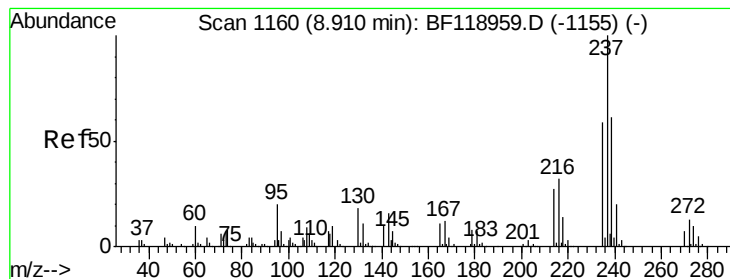
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.866 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:216 Resp: 421738
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 21.7 17.7 26.5
108 17.2 13.9 20.9



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: 37.451 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

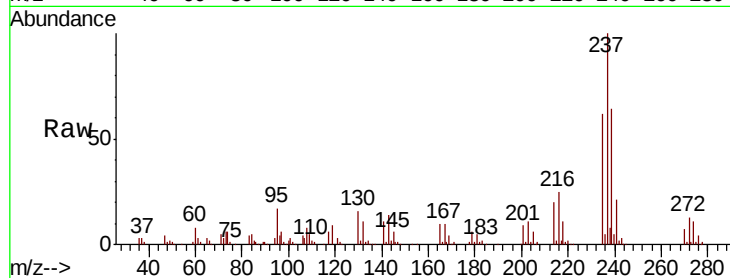
Tot Ion:237 Resp: 122414

Ion Ratio Lower Upper

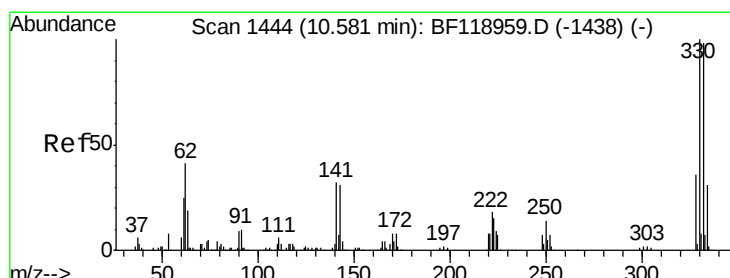
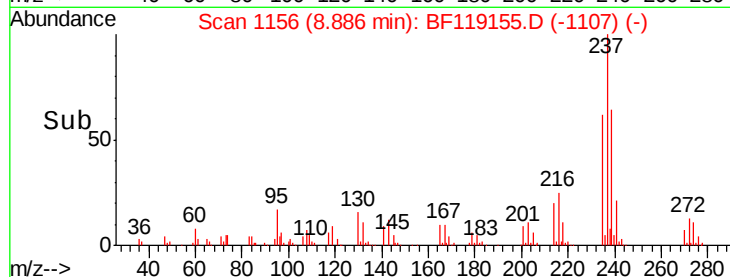
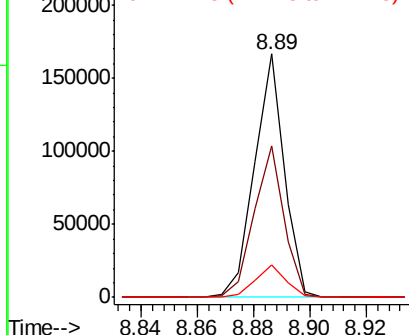
237 100

235 62.4 42.3 82.3

272 13.1 0.0 33.5



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: 79.761 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

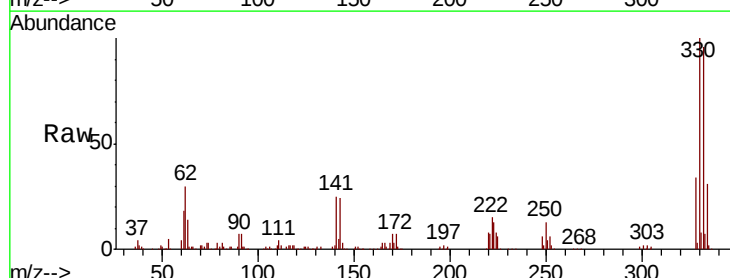
Tgt Ion:330 Resp: 327390

Ion Ratio Lower Upper

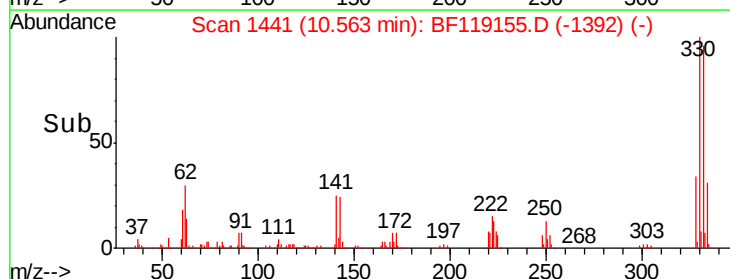
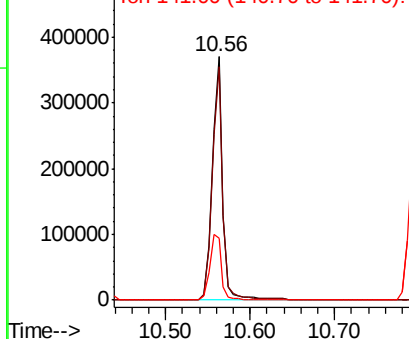
330 100

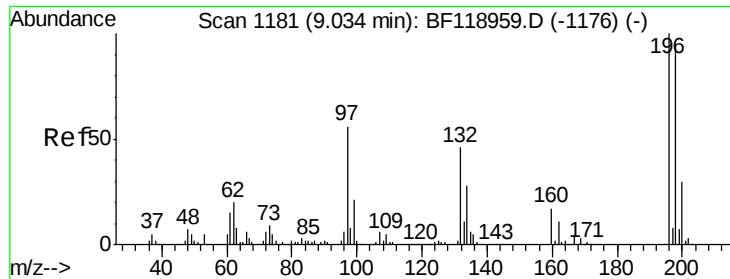
332 95.4 76.0 114.0

141 30.0 22.9 34.3



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

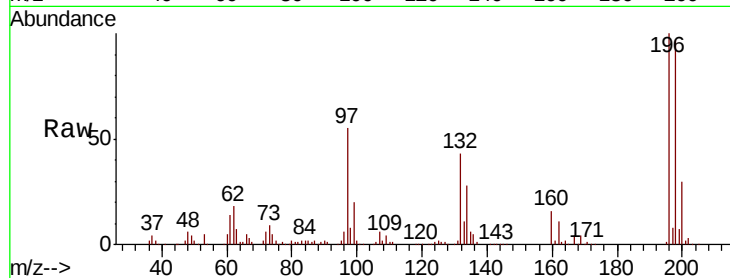




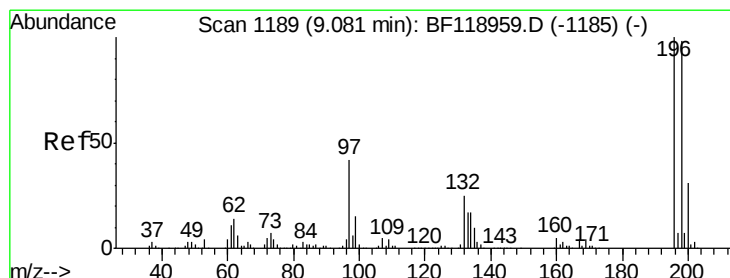
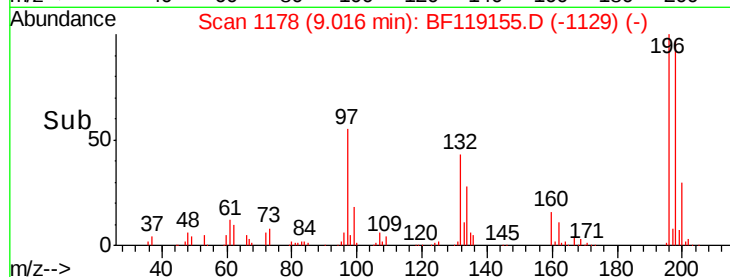
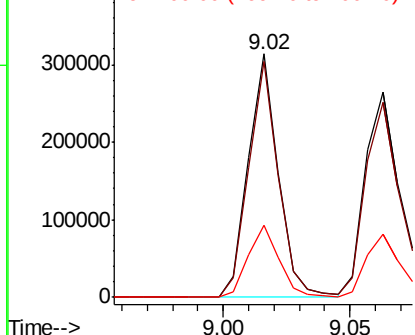
#43
 2,4,6-Trichlorophenol
 Concen: 38.916 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 259984
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.1 115.7
 200 29.7 25.0 37.6

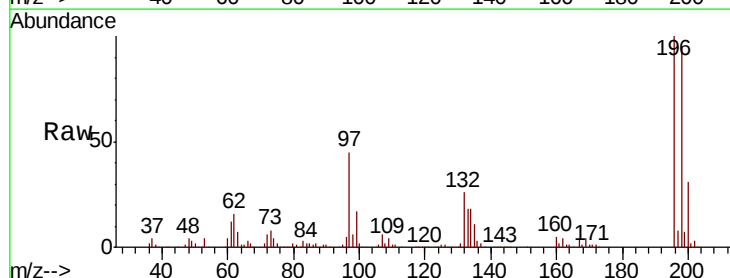


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

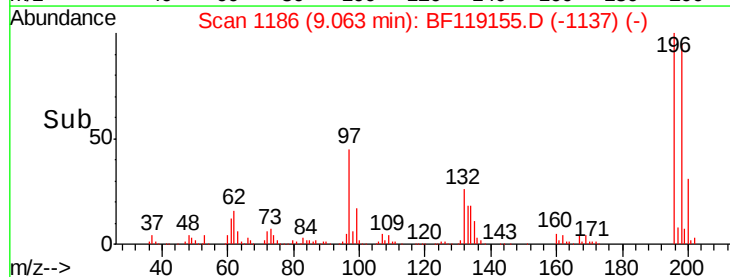
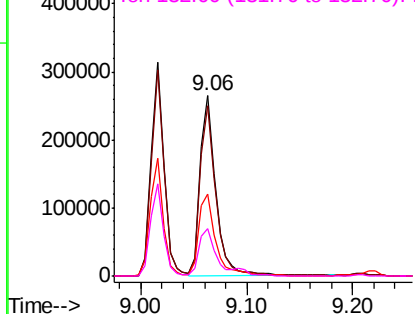


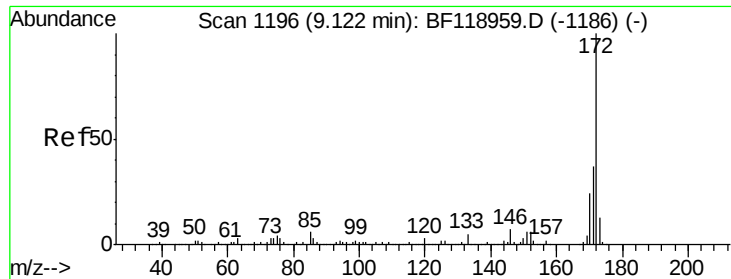
#44
 2,4,5-Trichlorophenol
 Concen: 38.701 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion:196 Resp: 271308
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.8 115.2
 97 45.2 38.5 57.7
 132 26.2 22.2 33.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

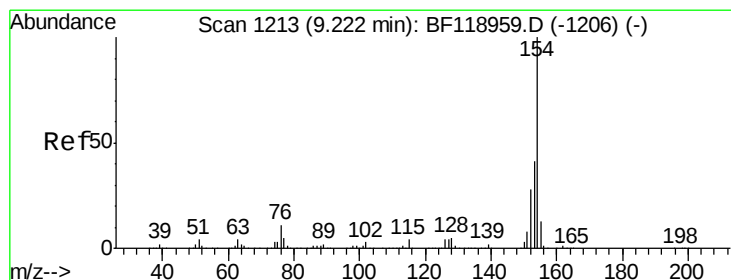
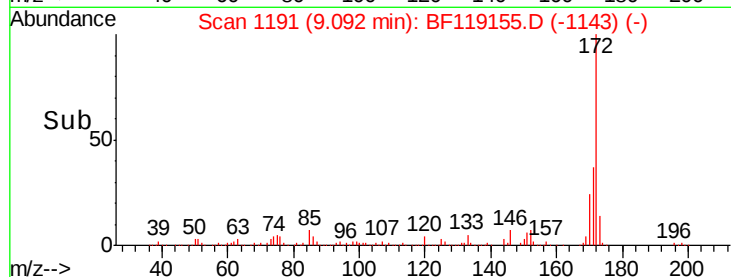
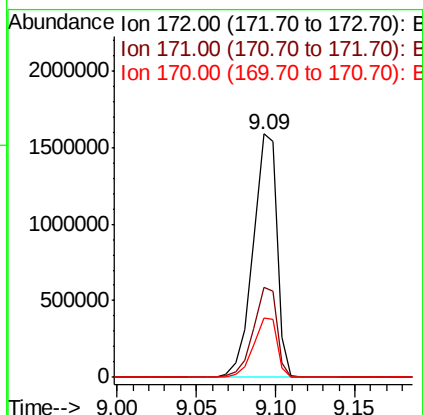
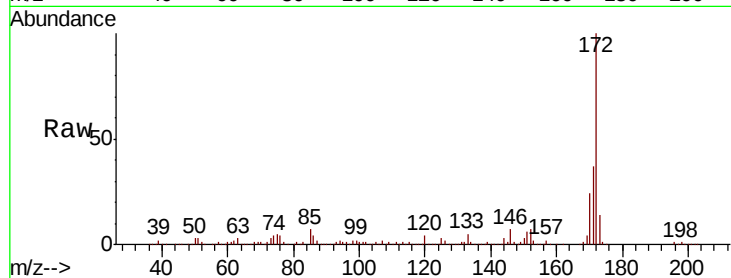




#45
2-Fluorobiphenyl
Concen: 78.372 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

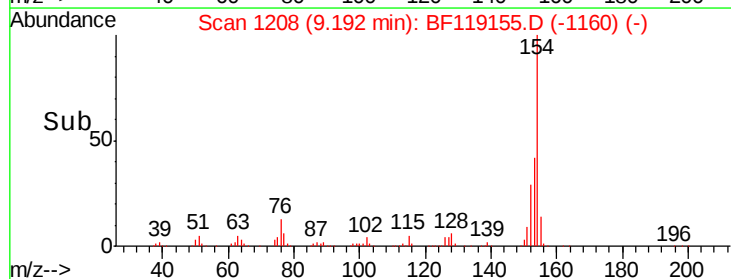
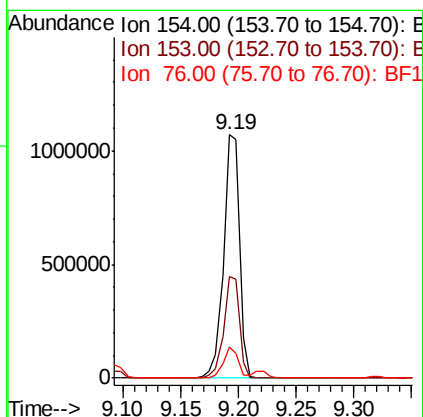
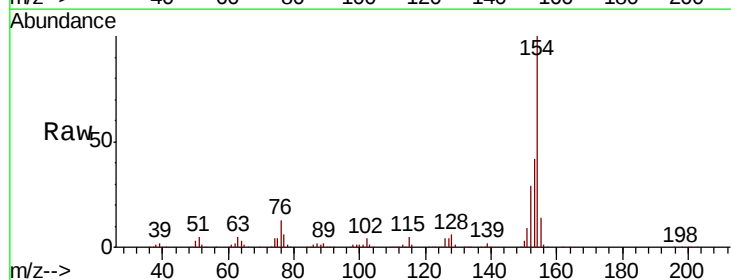
Instrument :
BNA_F
ClientSampleId :

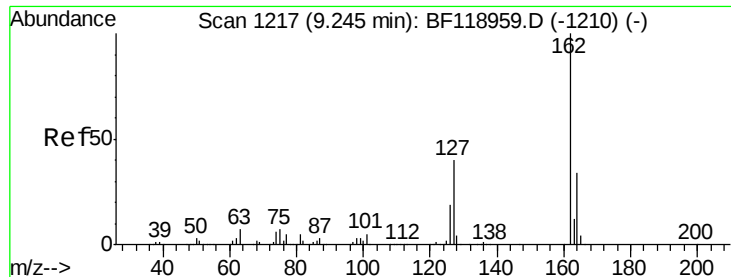
Tot Ion:172 Resp: 1669235
Ion Ratio Lower Upper
172 100
171 36.9 30.6 45.8
170 24.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.402 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:154 Resp: 1024562
Ion Ratio Lower Upper
154 100
153 41.9 22.8 62.8
76 12.9 0.0 32.2

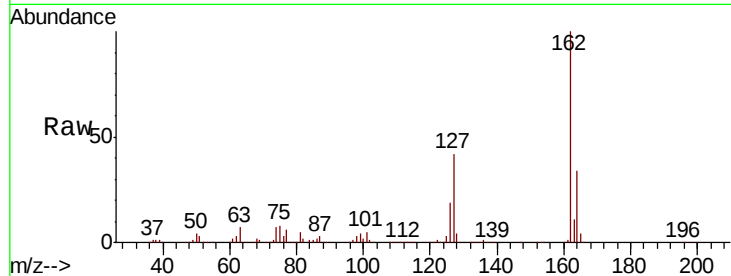




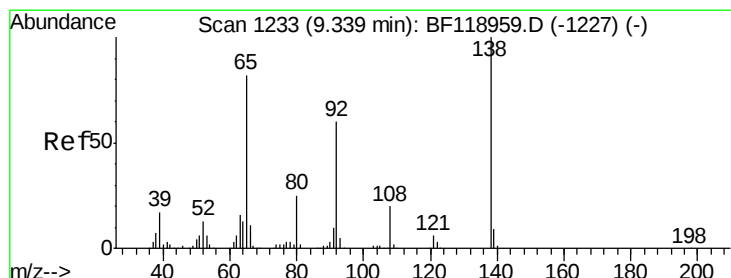
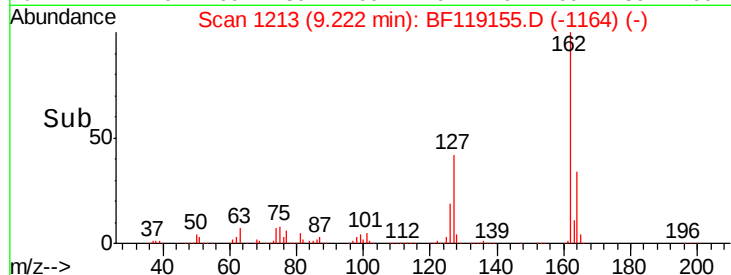
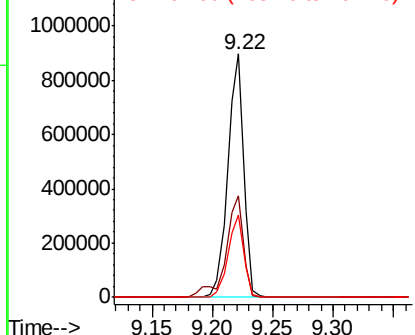
#47
2-Chloronaphthalene
Concen: 40.163 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 820762
Ion Ratio Lower Upper
162 100
127 41.6 35.0 52.4
164 33.7 27.2 40.8

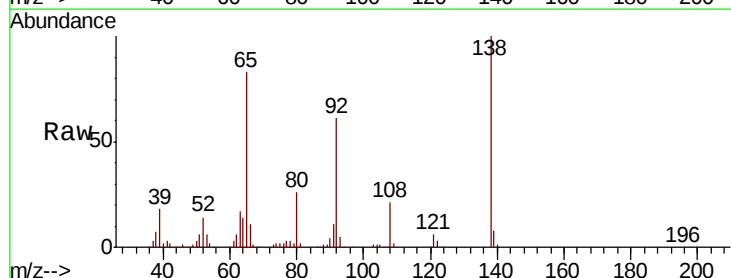


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

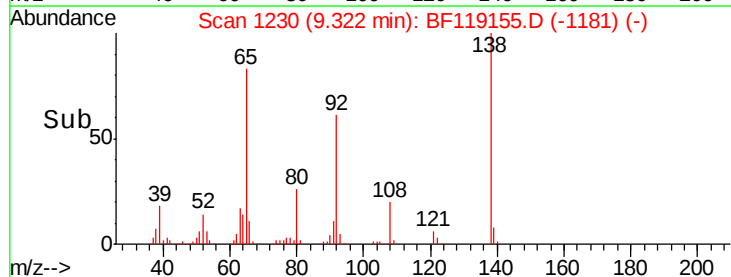
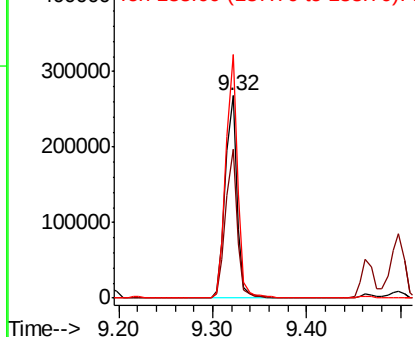


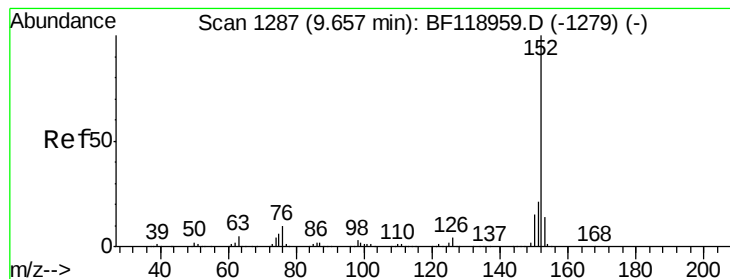
#48
2-Nitroaniline
Concen: 41.511 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion: 65 Resp: 236608
Ion Ratio Lower Upper
65 100
92 73.8 58.2 87.2
138 120.4 95.6 143.4



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: 39.738 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

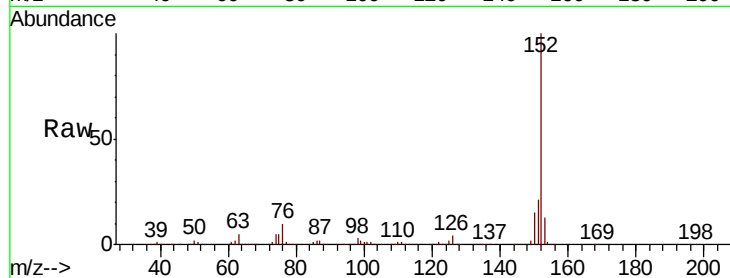
Tot Ion:152 Resp: 1172870

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

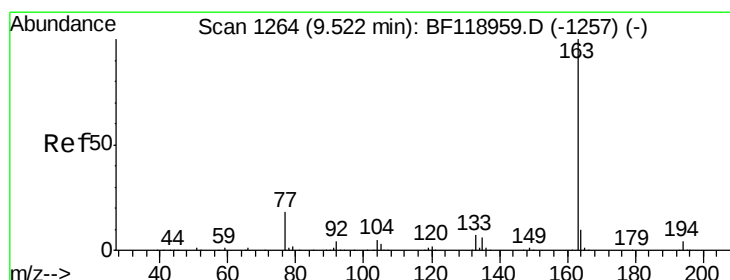
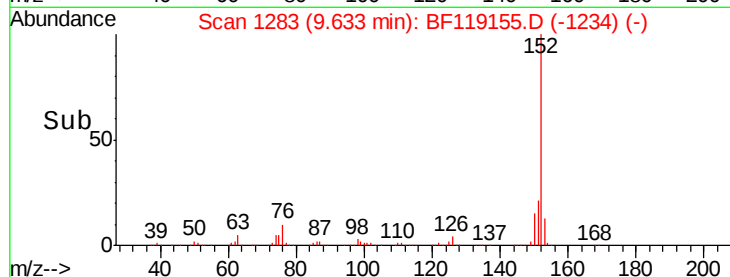
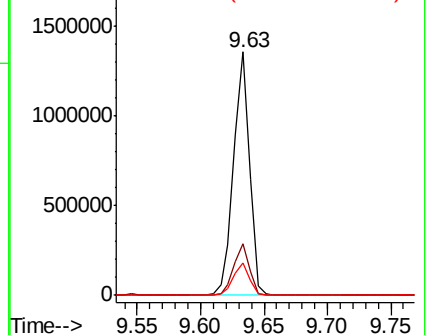
153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.089 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

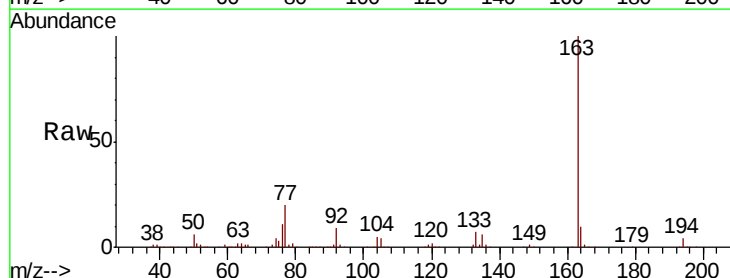
Tgt Ion:163 Resp: 961874

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

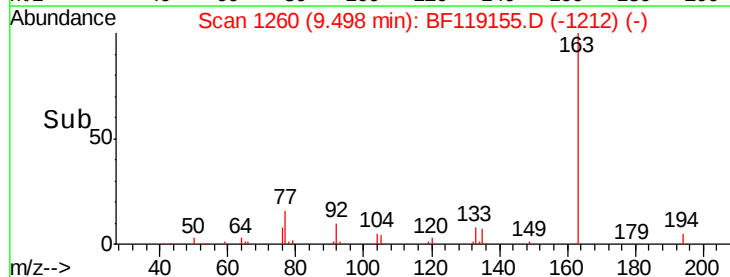
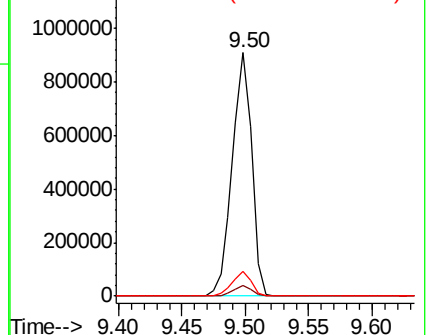
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

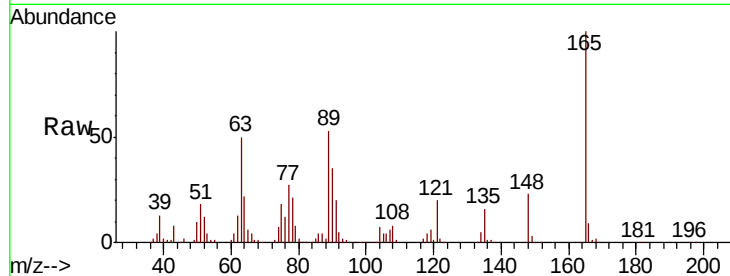




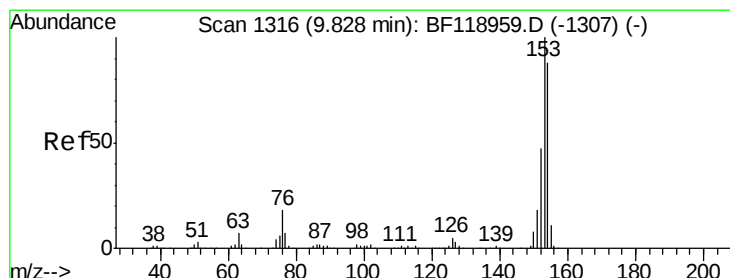
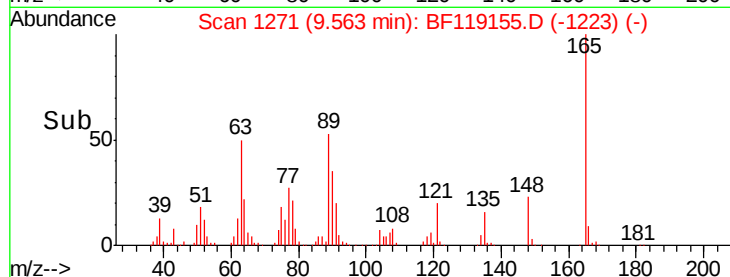
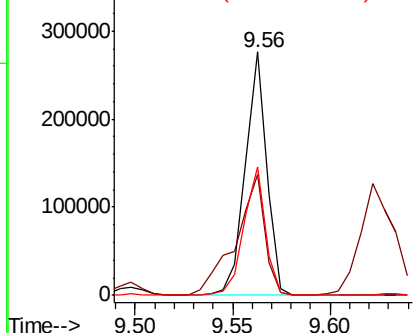
#51
 2,6-Dinitrotoluene
 Concen: 39.603 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	34.3	51.5
89	52.8	38.3	57.5

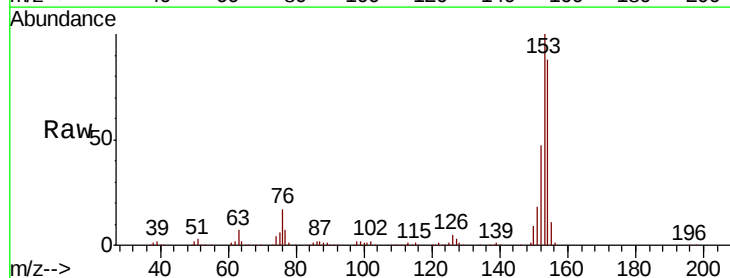


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

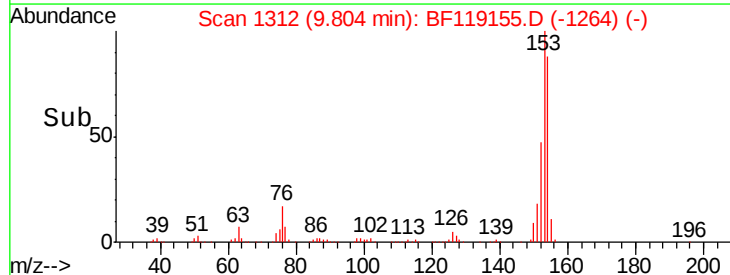
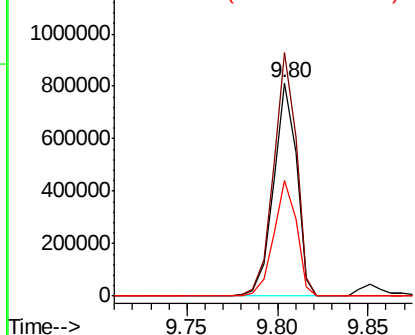


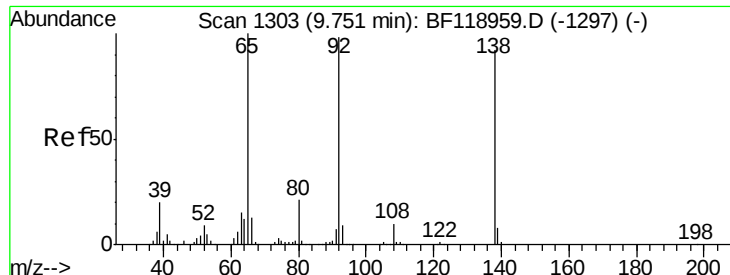
#52
 Acenaphthene
 Concen: 40.342 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.3	135.5
152	53.9	43.8	65.8



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

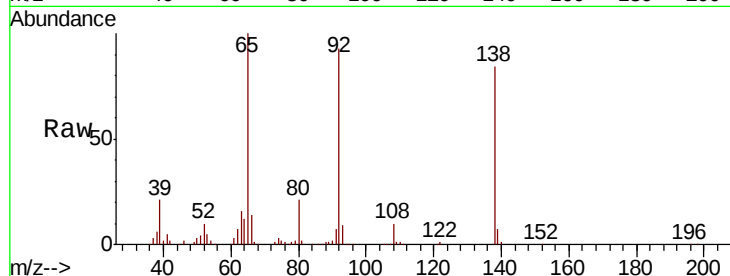




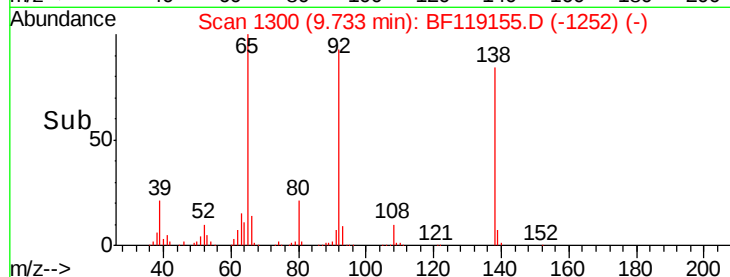
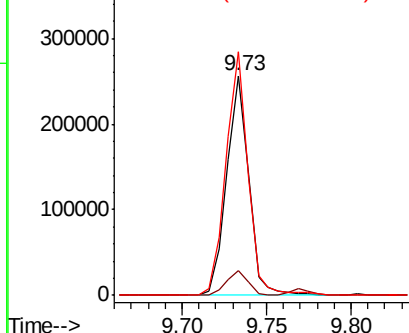
#53
3-Nitroaniline
Concen: 39.612 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 234095
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 110.8 84.8 127.2

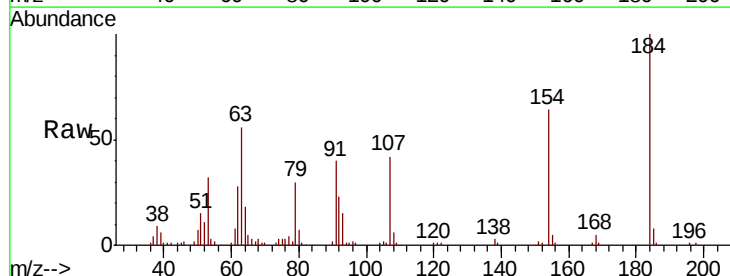


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

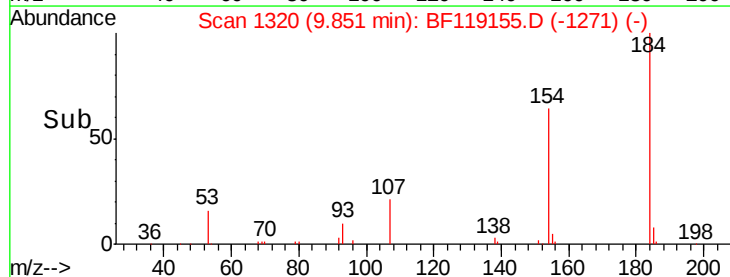
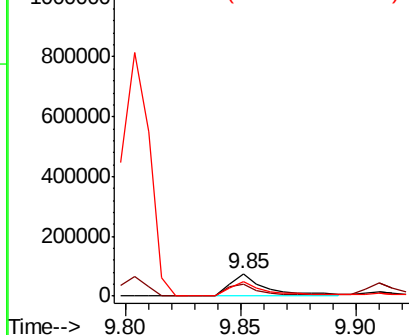


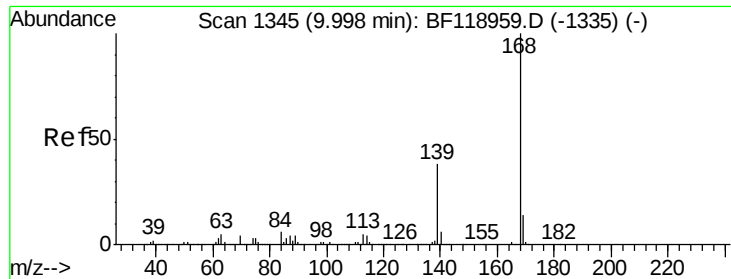
#54
2,4-Dinitrophenol
Concen: 35.839 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:184 Resp: 81060
Ion Ratio Lower Upper
184 100
63 56.1 38.7 58.1
154 63.7 49.7 74.5



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

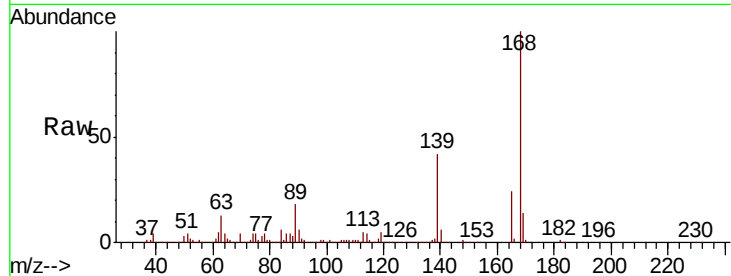




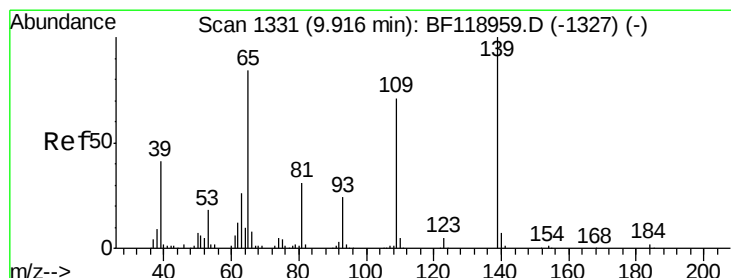
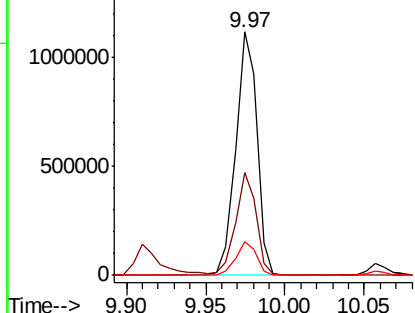
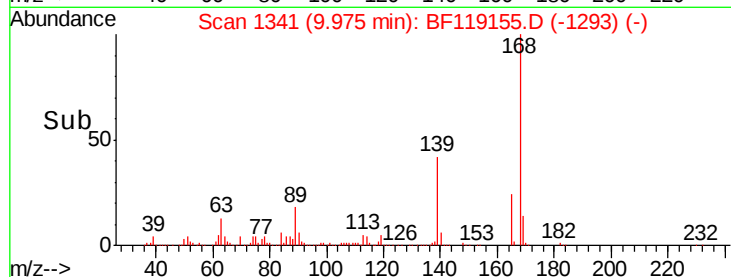
#55
Dibenzofuran
Concen: 39.213 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1041648
Ion Ratio Lower Upper
168 100
139 42.0 34.0 51.0
169 13.7 11.0 16.4

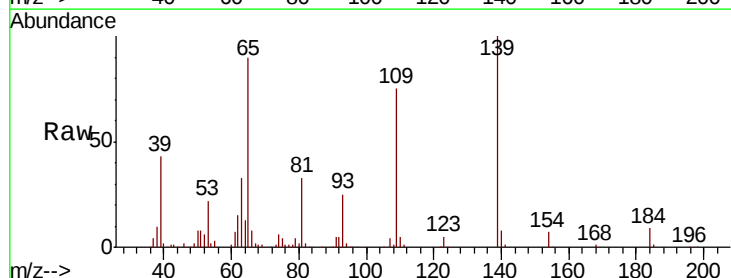


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

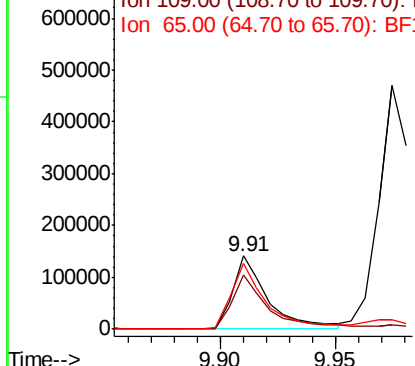
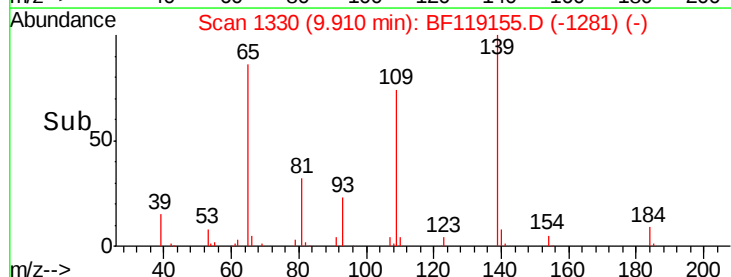


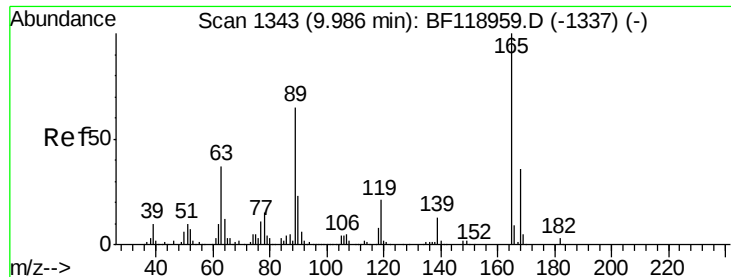
#56
4-Nitrophenol
Concen: 42.342 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:139 Resp: 150340
Ion Ratio Lower Upper
139 100
109 74.7 56.7 96.7
65 89.9 65.0 105.0



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

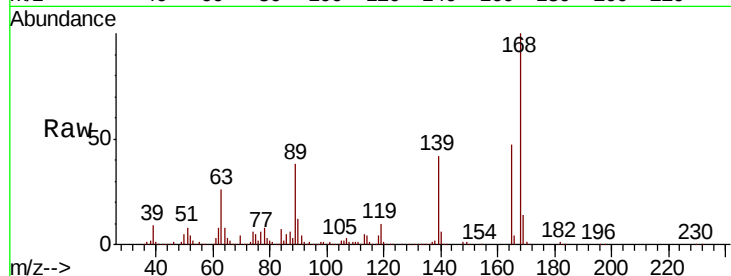




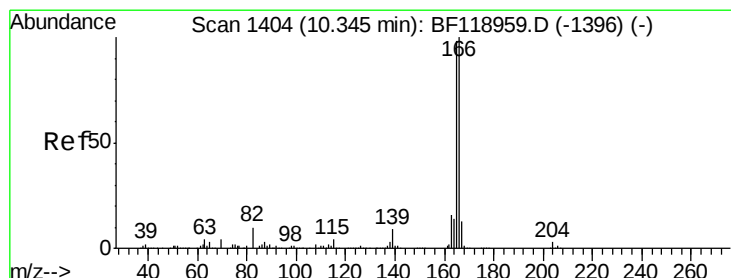
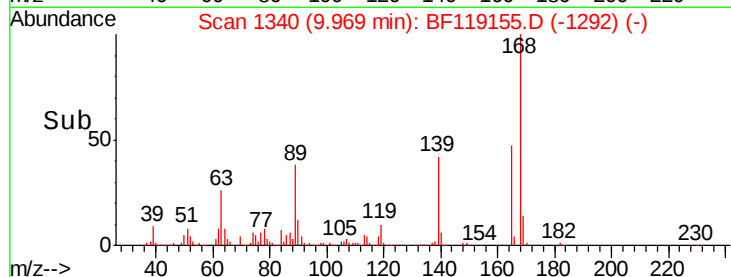
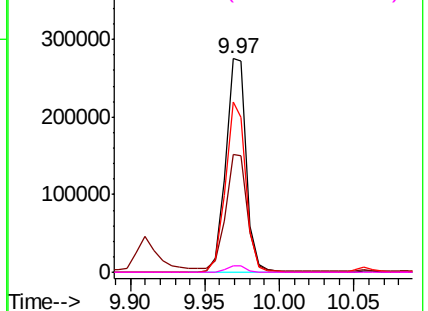
#57
2,4-Dinitrotoluene
Concen: 39.024 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	269638
Ion	Ratio	Lower	Upper
165	100		
63	55.0	42.3	63.5
89	79.7	60.2	90.4
182	3.1	2.3	3.5

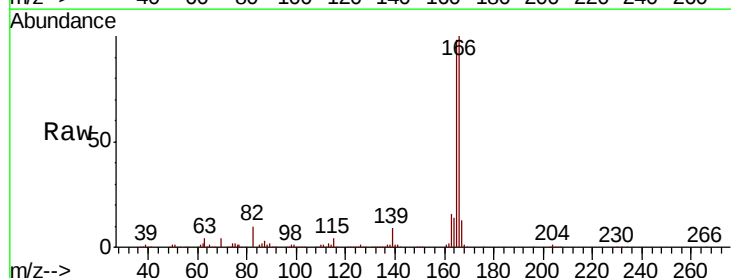


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

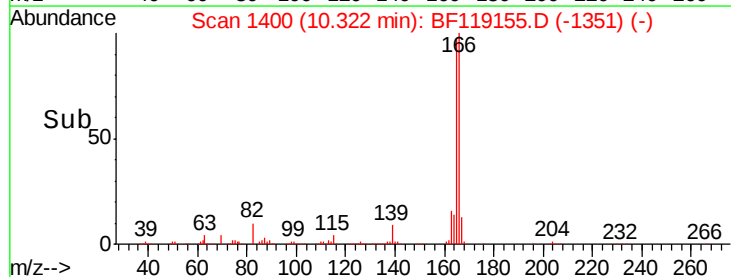
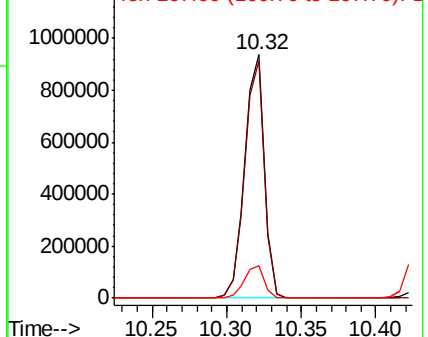


#58
Fluorene
Concen: 41.242 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:	166	Resp:	851306
Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.5	117.7
167	13.4	11.0	16.4



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

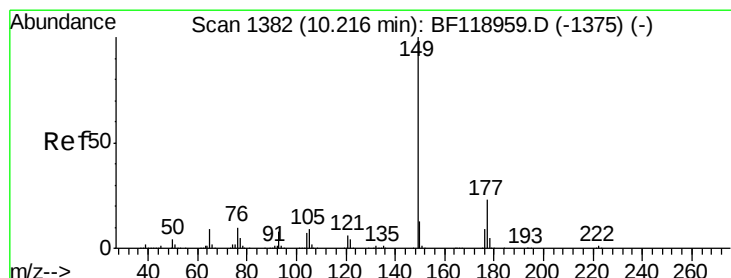
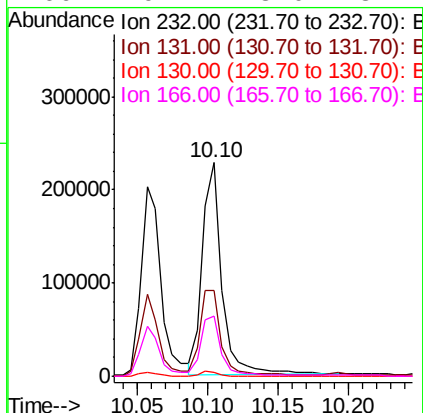
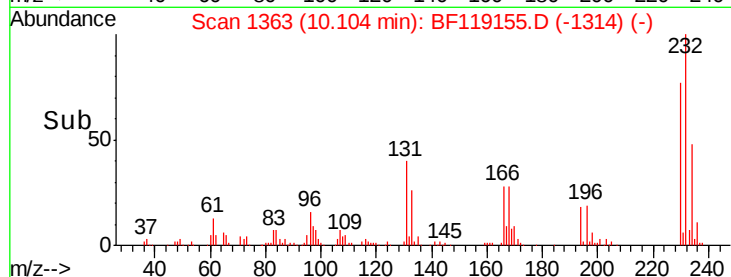
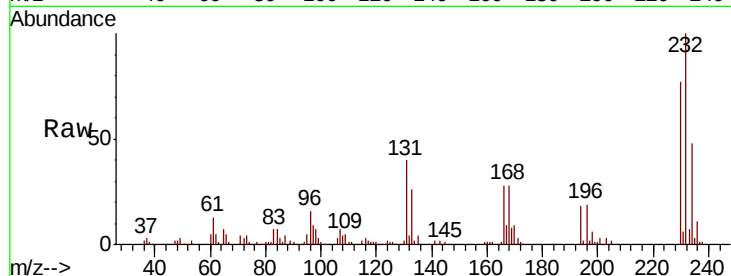




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.454 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

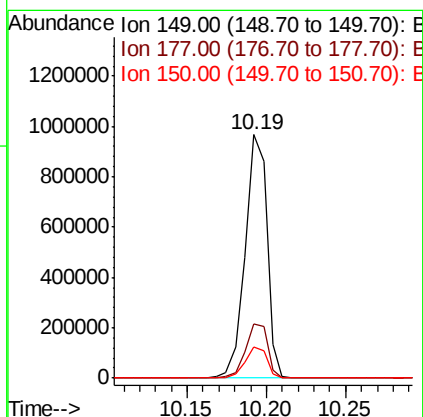
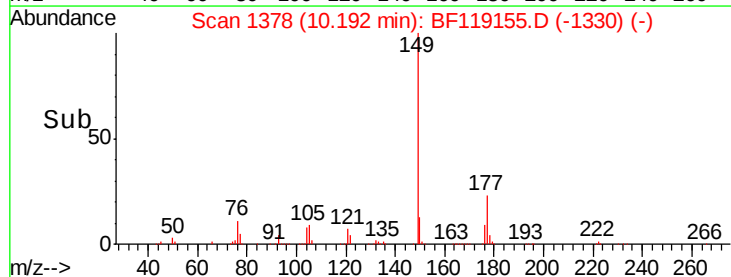
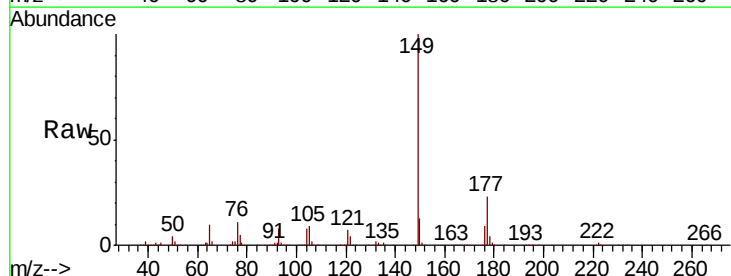
Instrument :
 BNA_F
 ClientSampleId :

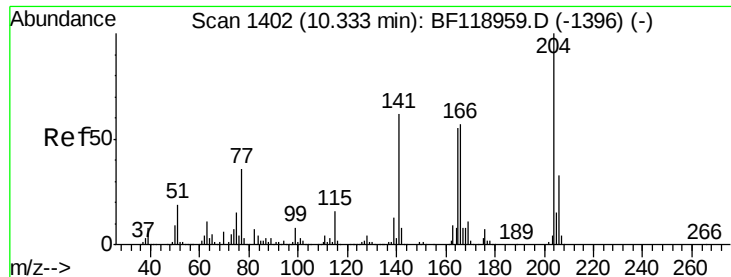
Tot Ion:232	Resp:	221550
Ion Ratio	Lower	Upper
232	100	
131	45.1	33.8 50.8
130	2.3	1.8 2.6
166	29.7	23.0 34.4



#60
 Diethylphthalate
 Concen: 40.661 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion:149	Resp:	919378
Ion Ratio	Lower	Upper
149	100	
177	22.5	18.2 27.2
150	12.9	10.5 15.7

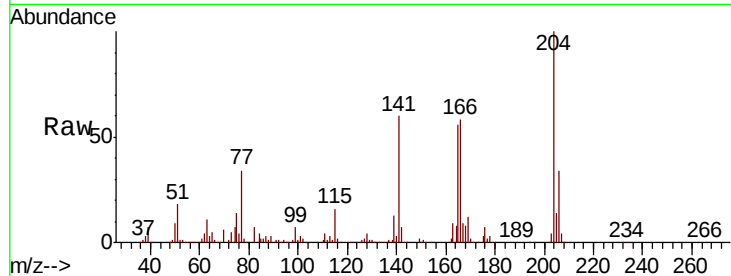




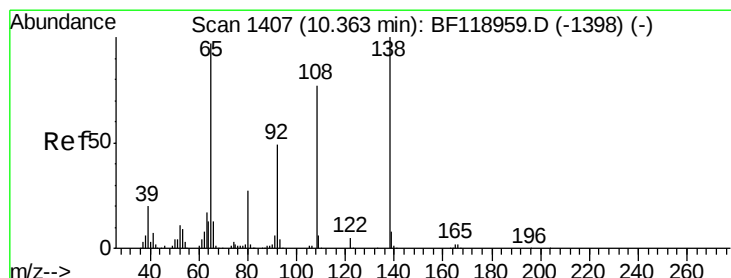
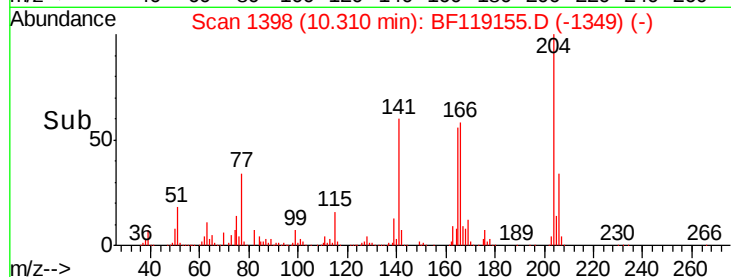
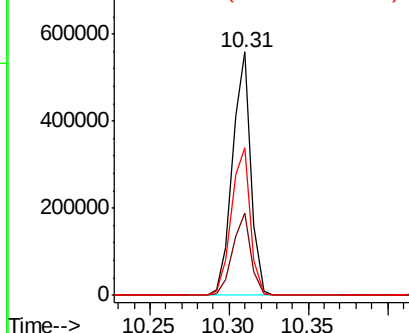
#61
4-Chlorophenyl-phenylether
Concen: 41.033 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 448321
Ion Ratio Lower Upper
204 100
206 33.6 27.1 40.7
141 60.4 52.9 79.3

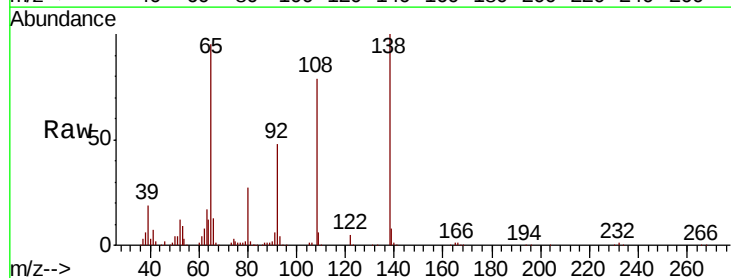


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

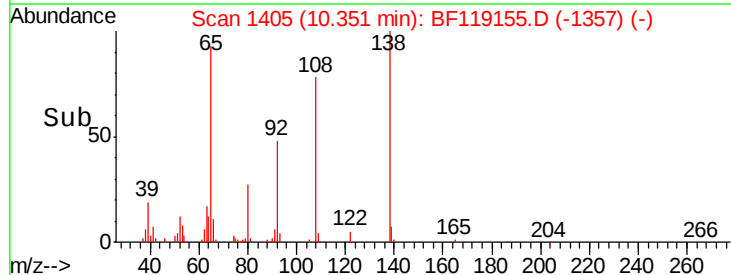
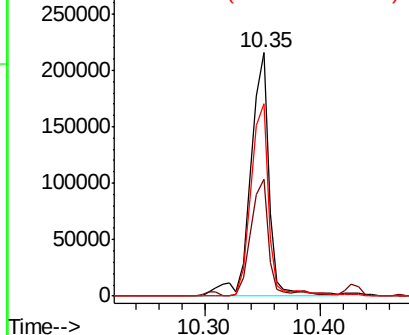


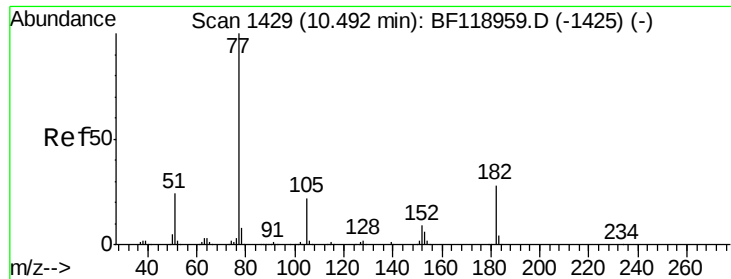
#62
4-Nitroaniline
Concen: 39.695 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:138 Resp: 240005
Ion Ratio Lower Upper
138 100
92 47.9 27.3 67.3
108 78.9 57.0 97.0



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





#63

Azobenzene

Concen: 40.918 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 804184

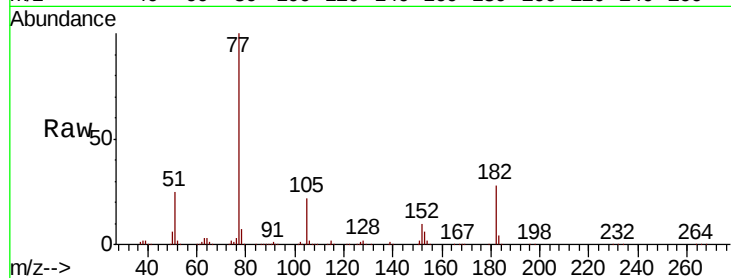
Ion Ratio Lower Upper

77 100

182 28.3 11.4 51.4

105 22.0 3.4 43.4

51 25.5 5.1 45.1

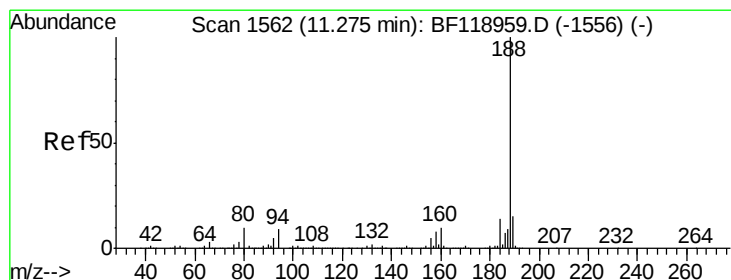
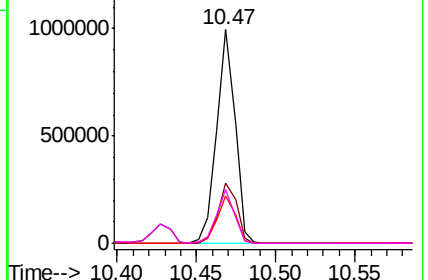
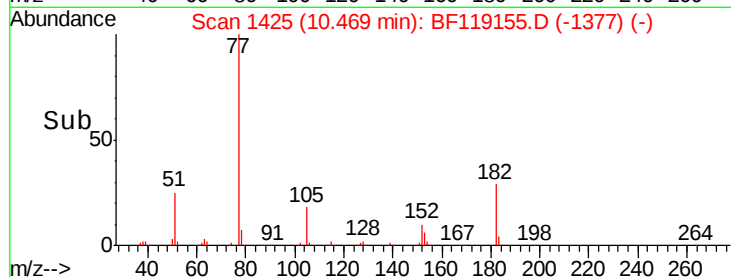


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

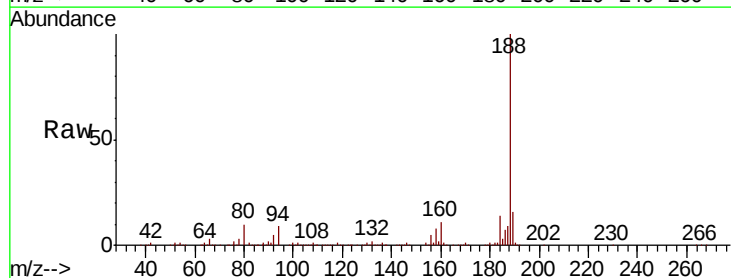
Tgt Ion: 188 Resp: 571750

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

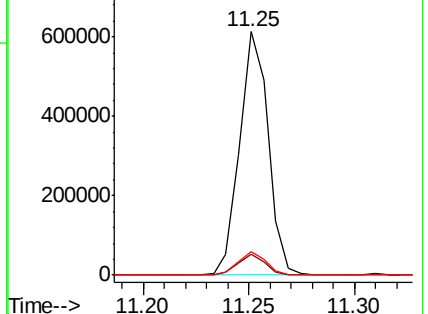
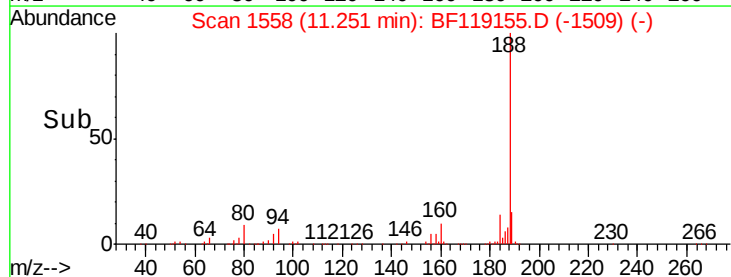
80 9.6 7.8 11.8

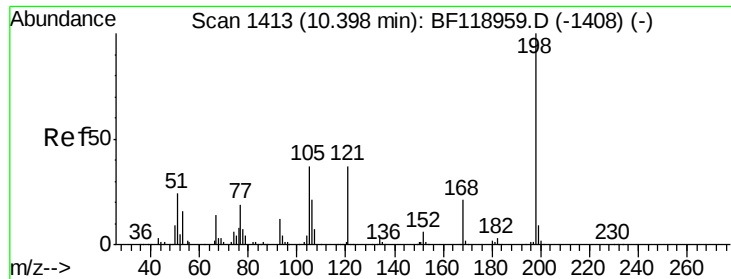


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.525 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

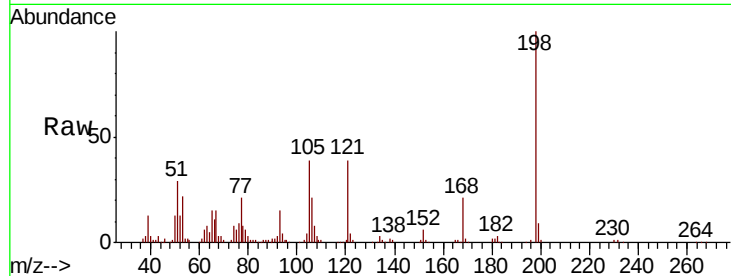
Tot Ion:198 Resp: 140205

Ion Ratio Lower Upper

198 100

51 29.4 14.2 54.2

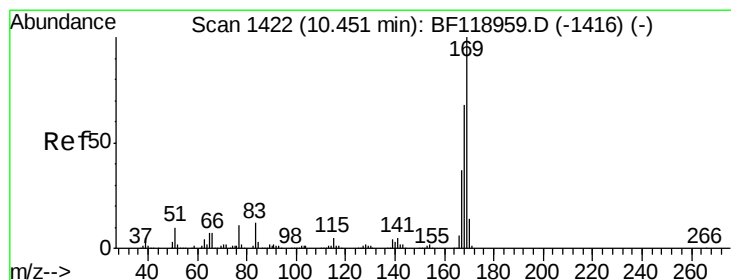
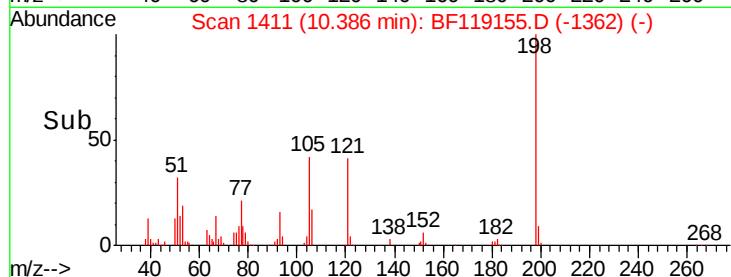
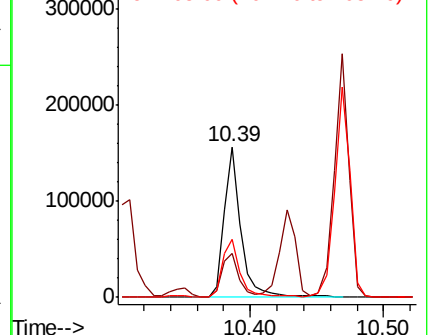
105 38.6 22.7 62.7



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: 39.813 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

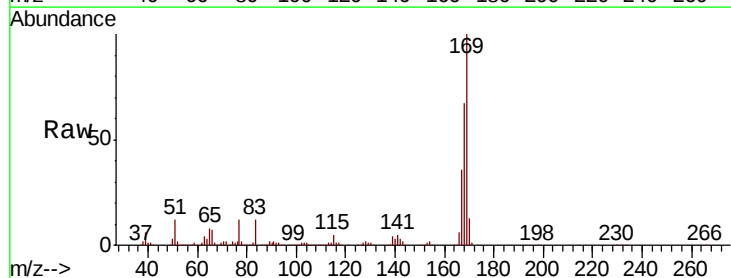
Tgt Ion:169 Resp: 745350

Ion Ratio Lower Upper

169 100

168 67.5 54.1 81.1

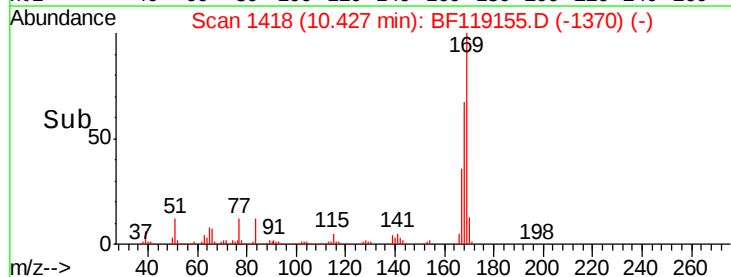
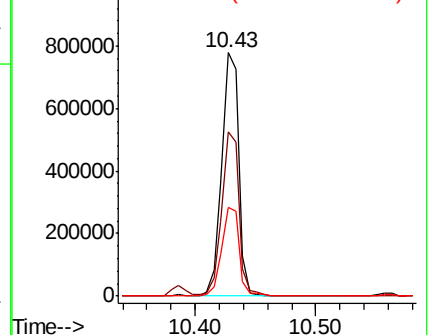
167 36.3 29.4 44.0

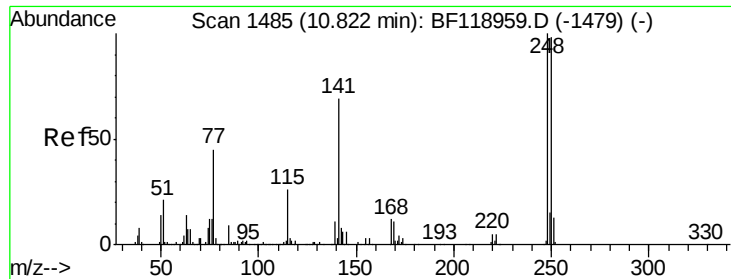


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

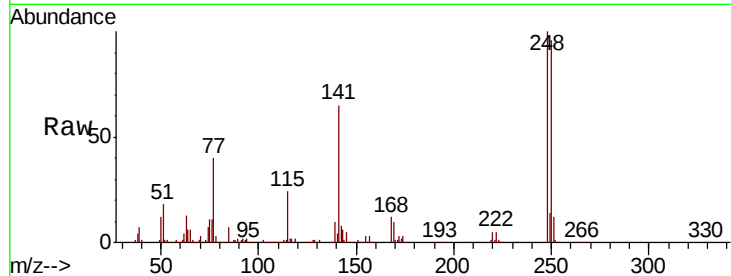




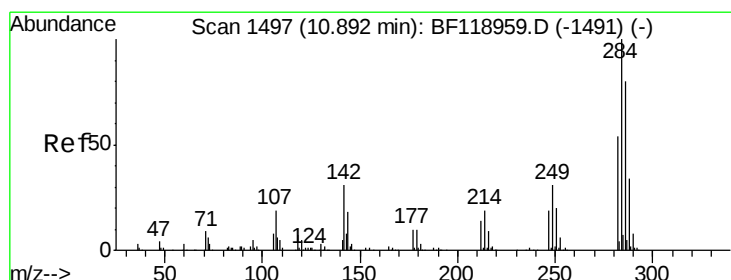
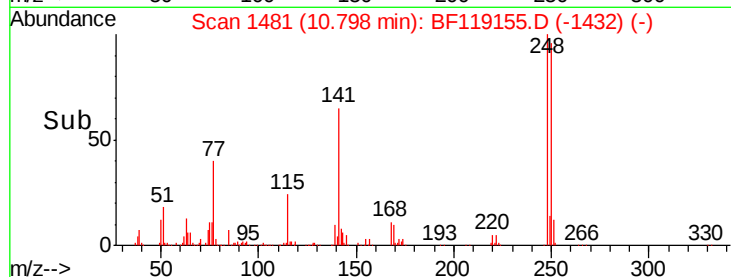
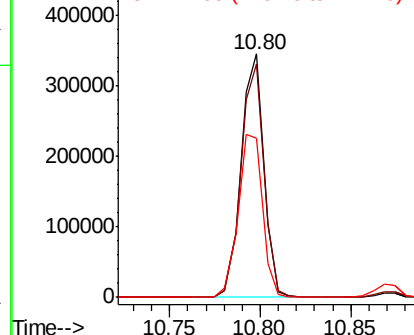
#67
4-Bromophenyl-phenylether
Concen: 40.434 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 302181
Ion Ratio Lower Upper
248 100
250 95.8 76.7 115.1
141 65.1 60.7 91.1

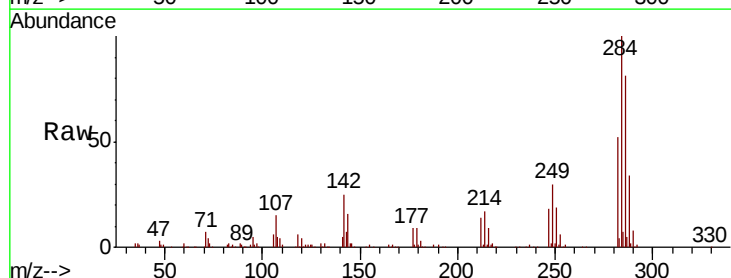


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

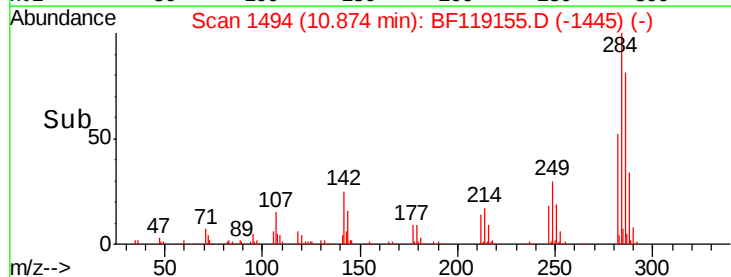
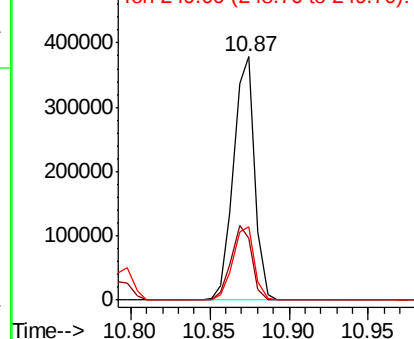


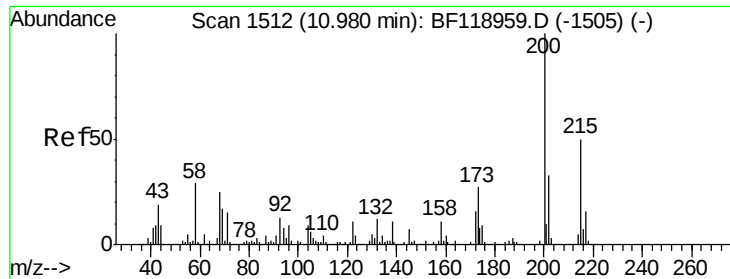
#68
Hexachlorobenzene
Concen: 40.679 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:284 Resp: 350513
Ion Ratio Lower Upper
284 100
142 25.4 23.7 35.5
249 30.1 25.0 37.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.034 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

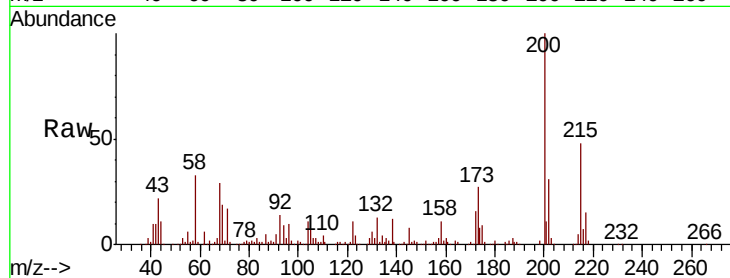
Tot Ion:200 Resp: 242239

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

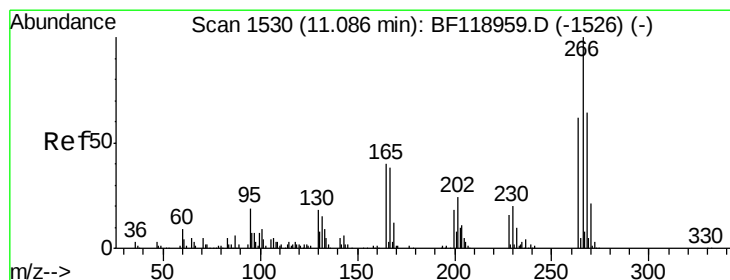
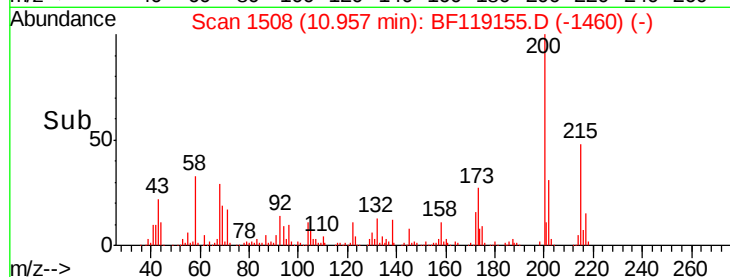
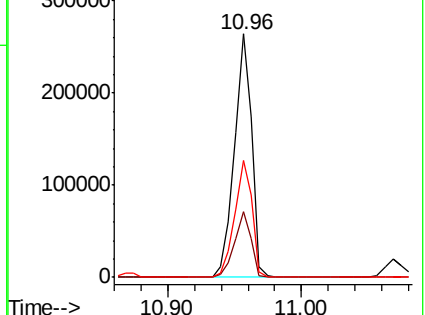
215 48.2 27.4 67.4



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: 40.856 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

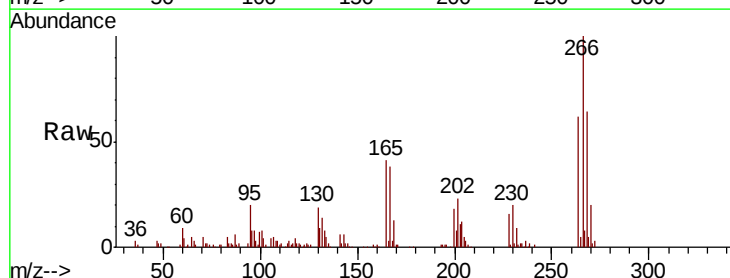
Tgt Ion:266 Resp: 141809

Ion Ratio Lower Upper

266 100

268 63.8 51.9 77.9

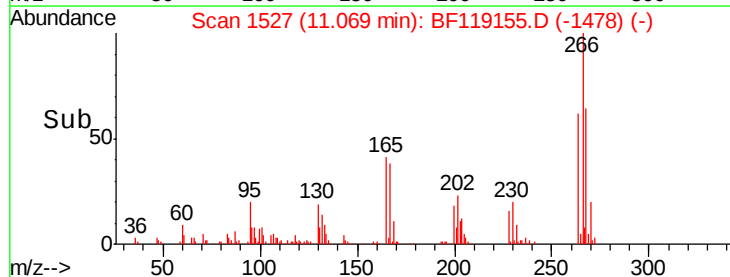
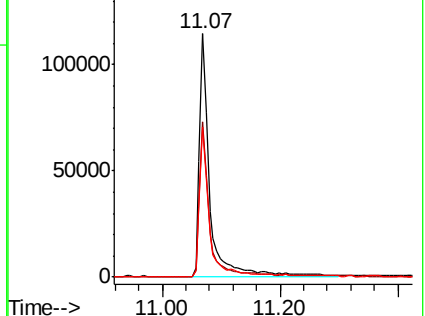
264 61.7 51.0 76.4

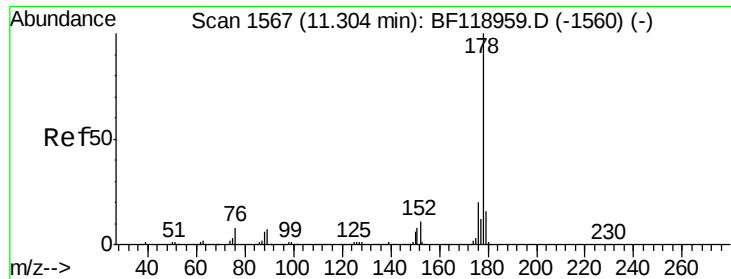


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

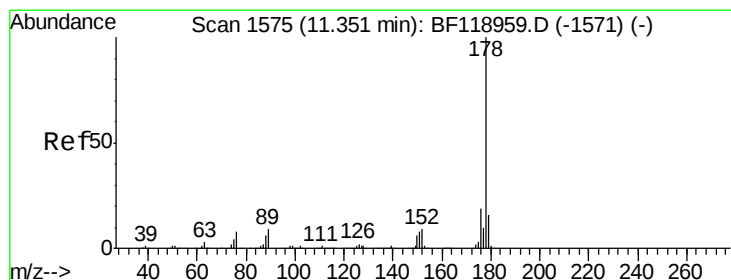
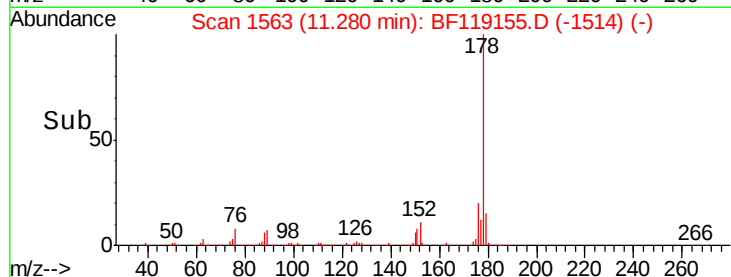
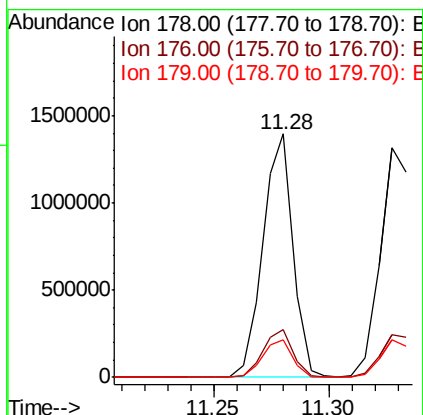
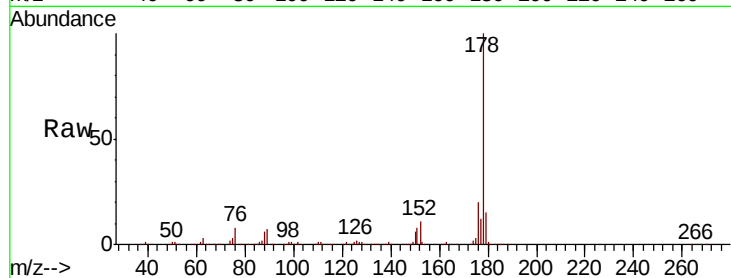




#71
Phenanthrene
Concen: 40.502 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

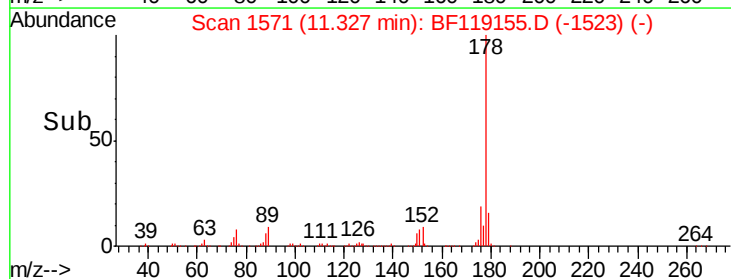
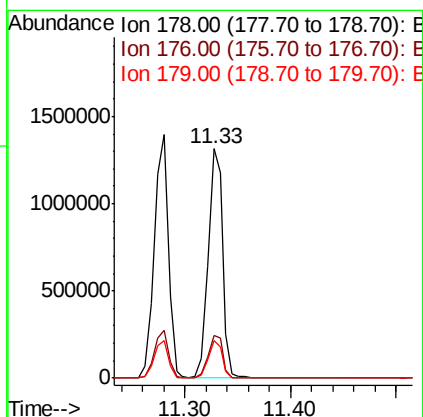
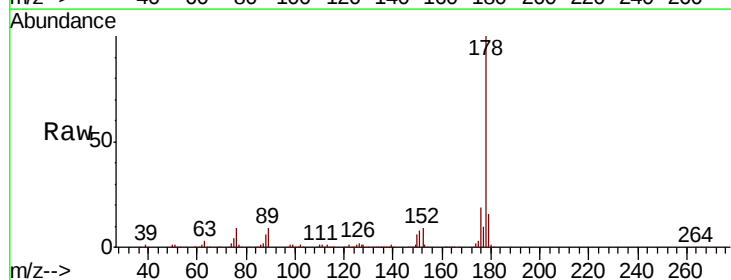
Instrument :
BNA_F
ClientSampleId :

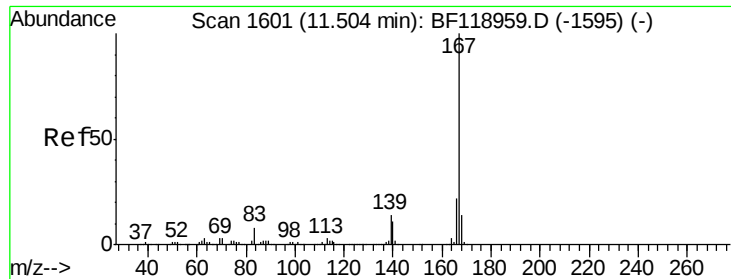
Tot Ion:178 Resp: 1262876
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.5 13.0 19.6



#72
Anthracene
Concen: 40.454 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:178 Resp: 1260315
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 16.2 13.1 19.7

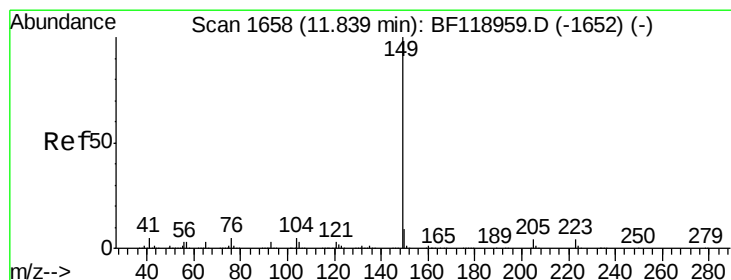
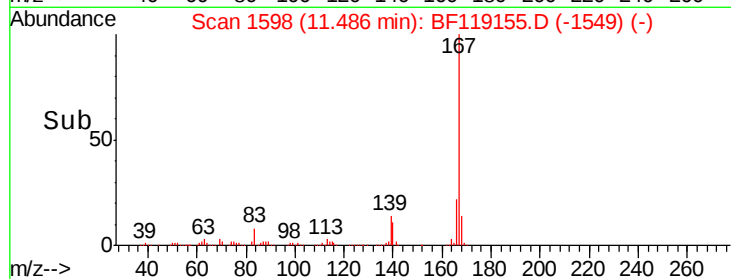
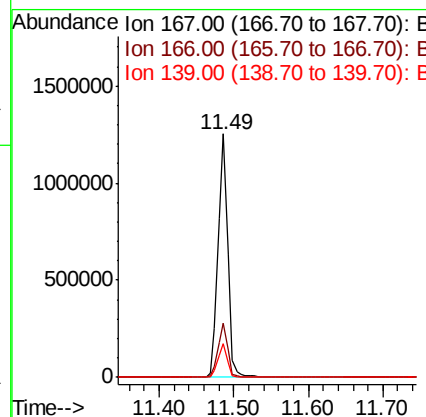
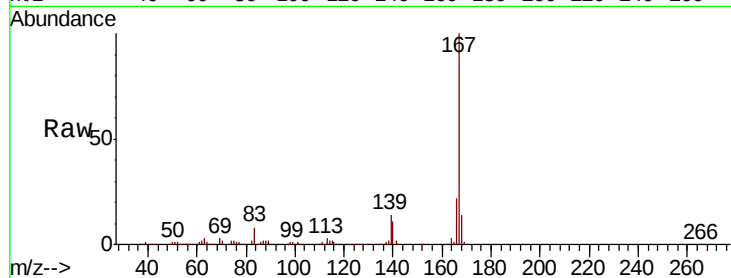




#73
 Carbazole
 Concen: 40.528 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

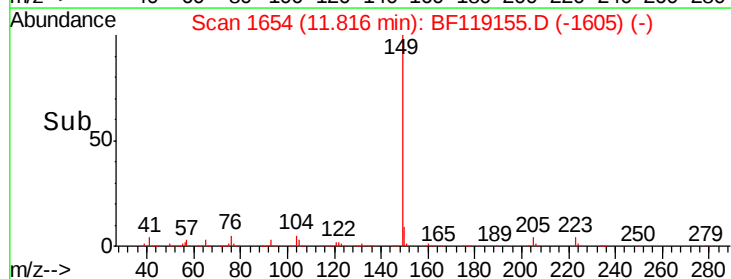
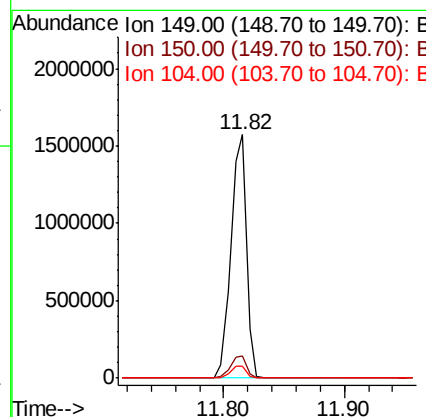
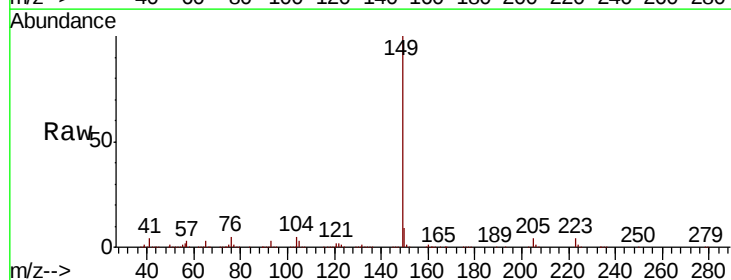
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1124845
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 41.636 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion:149 Resp: 1399432
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.0 4.6 6.8





#75

Fluoranthene

Concen: 40.111 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

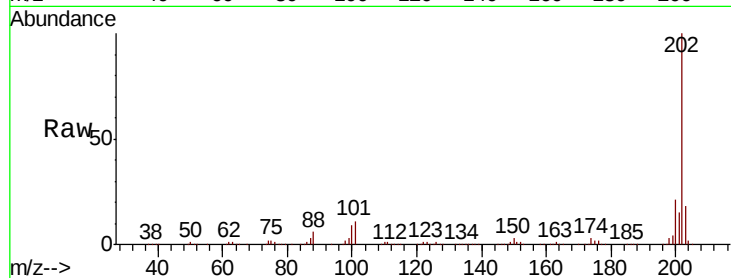
Tot Ion:202 Resp: 1327563

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

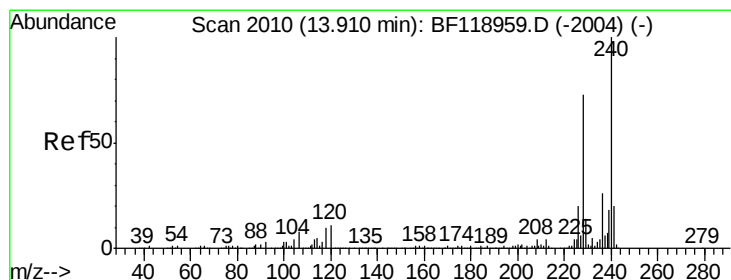
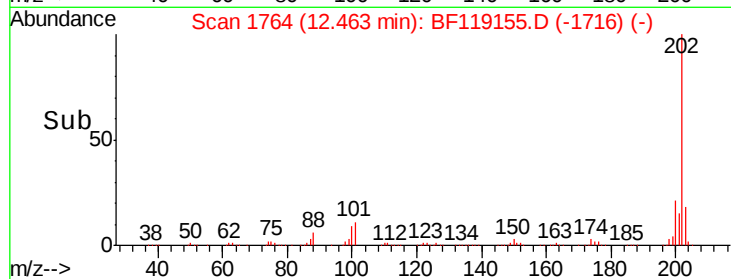
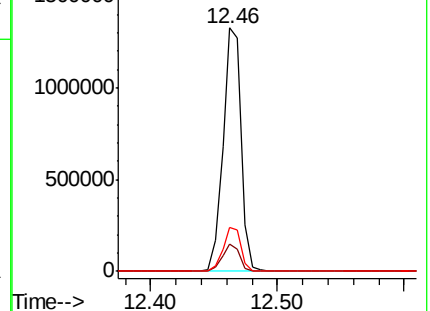
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

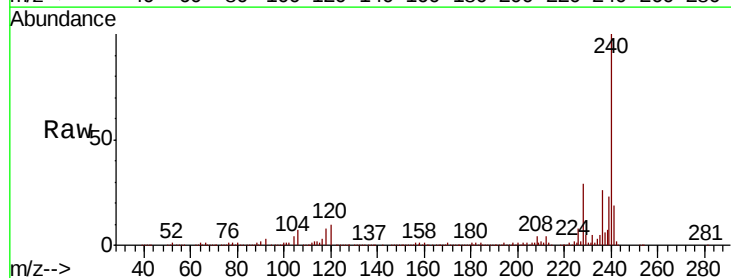
Tgt Ion:240 Resp: 391604

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

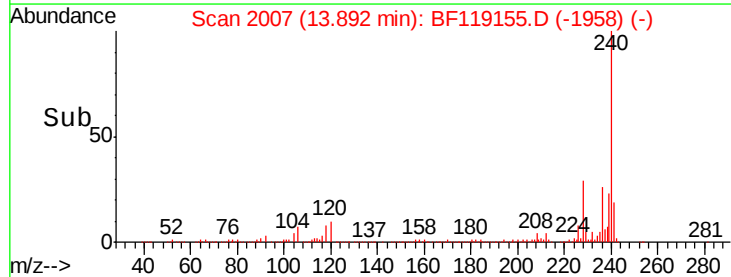
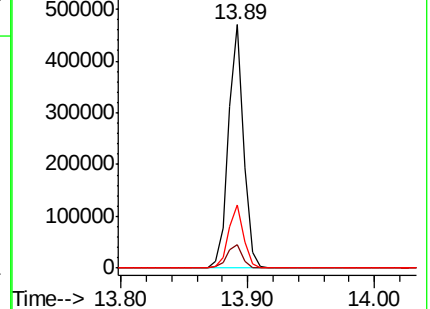
236 26.2 21.0 31.4

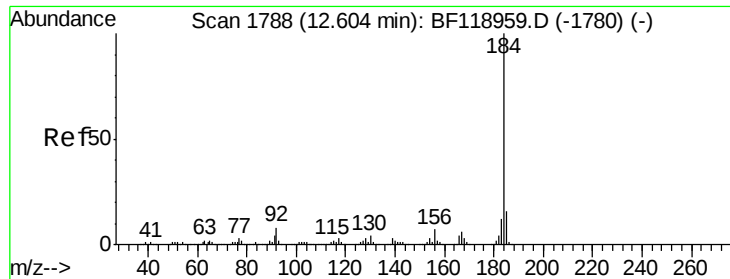


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

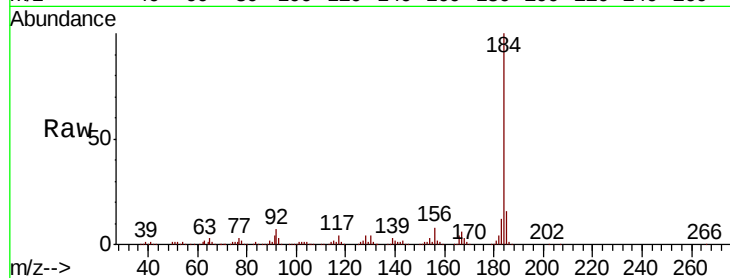




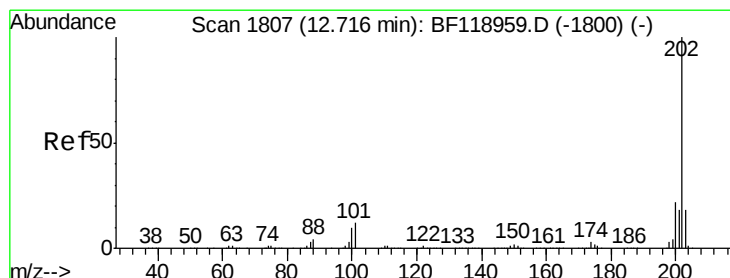
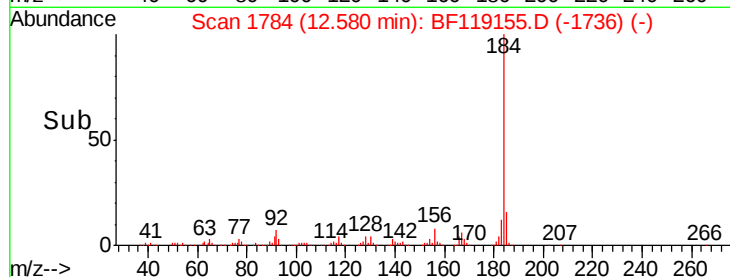
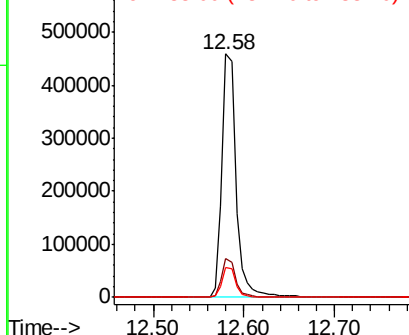
#77
Benzidine
Concen: 31.171 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 496436
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.4
183 12.0 9.9 14.9

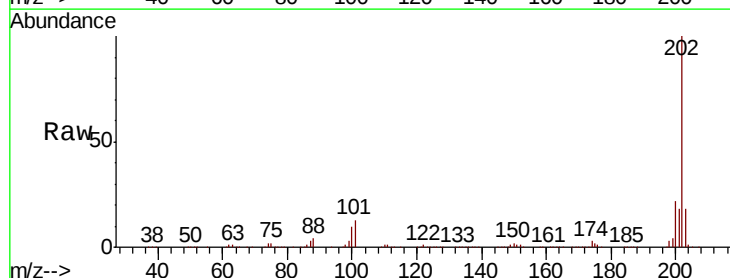


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

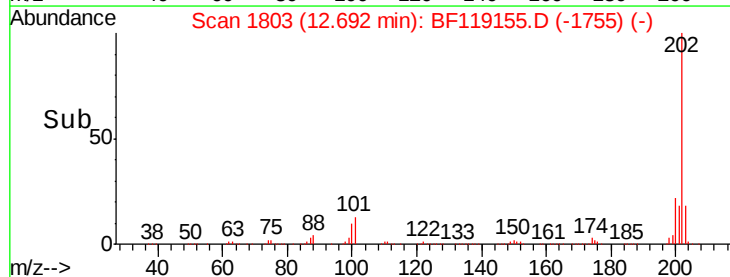
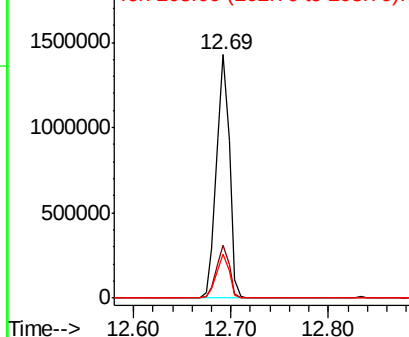


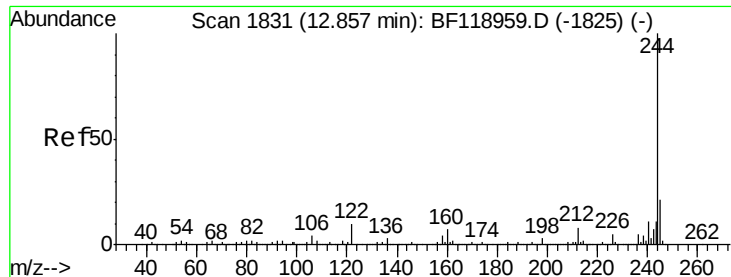
#78
Pyrene
Concen: 42.234 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:202 Resp: 1328057
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 17.9 14.6 22.0



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



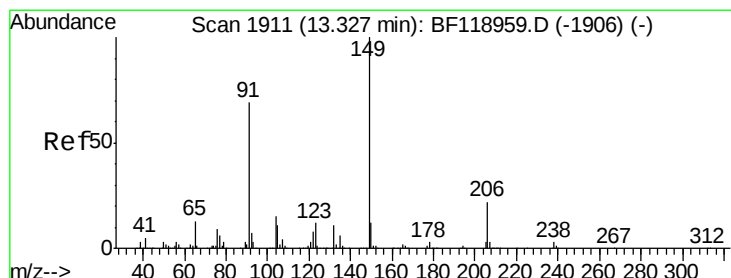
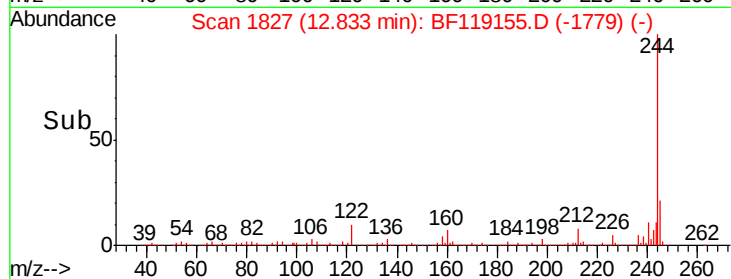
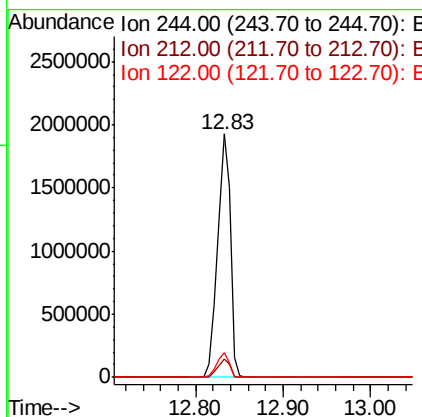
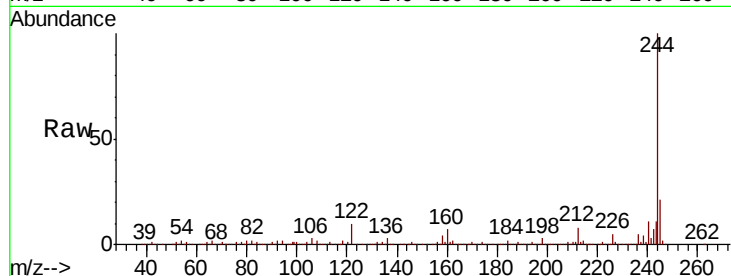


#79
 Terphenyl-d14
 Concen: 86.851 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1975475

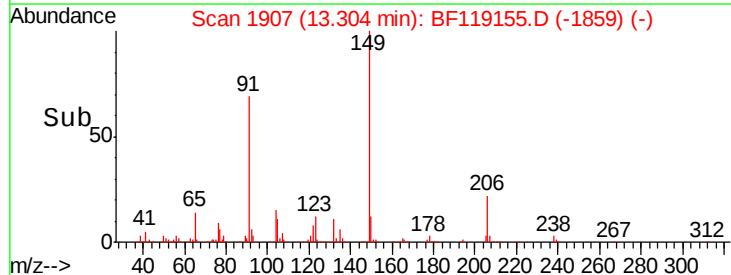
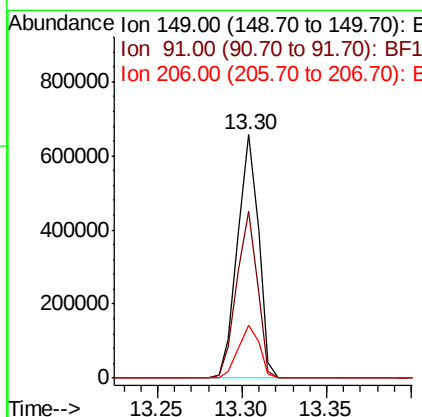
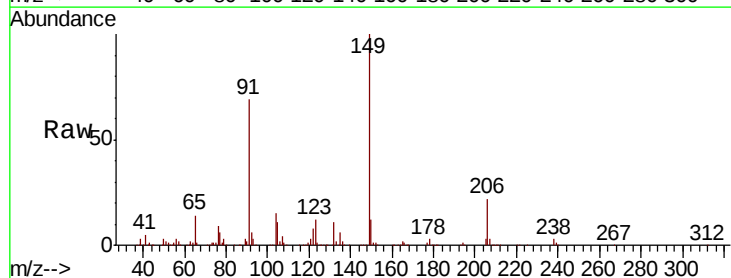
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	10.3	8.2	12.2



#80
 Butylbenzylphthalate
 Concen: 43.061 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion:149 Resp: 569891

Ion	Ratio	Lower	Upper
149	100		
91	68.7	52.3	78.5
206	21.8	18.5	27.7





#81

Benzo(a)anthracene

Concen: 41.066 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

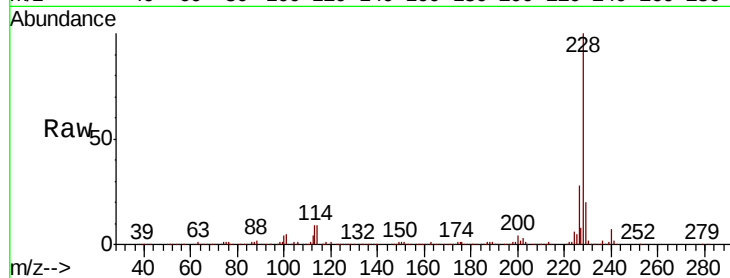
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1095755

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.6	16.6	24.8

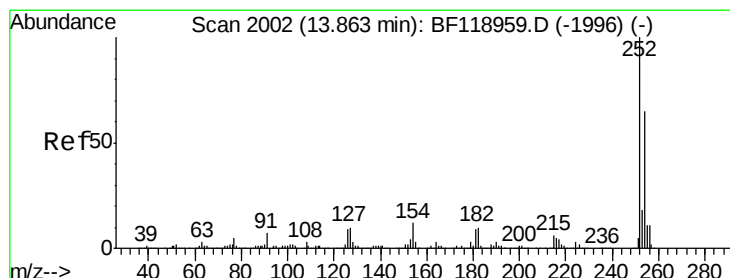
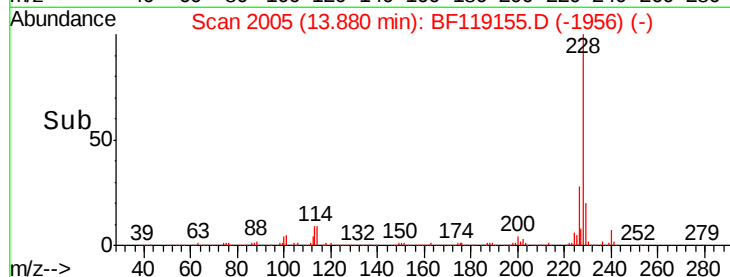
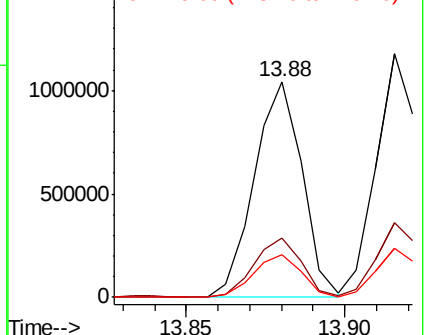


Abundance

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: 38.767 ng

RT: 13.84 min Scan# 1998

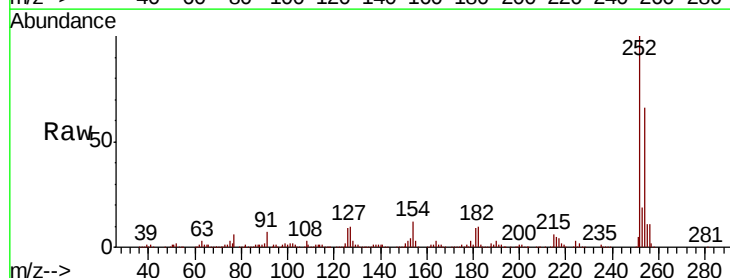
Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Tgt Ion:252 Resp: 401661

Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.6	77.4
126	9.4	7.4	11.0

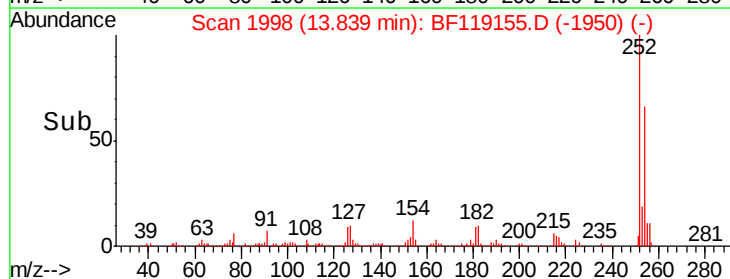
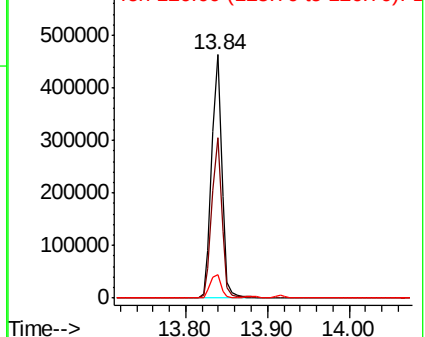


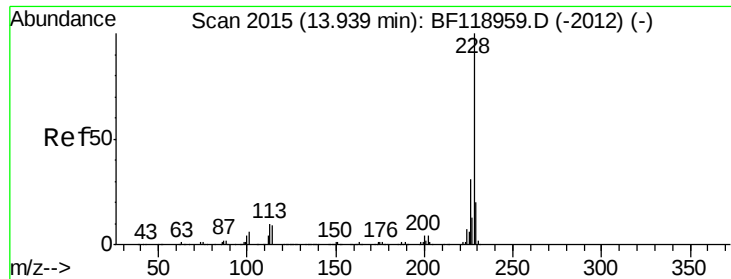
Abundance

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

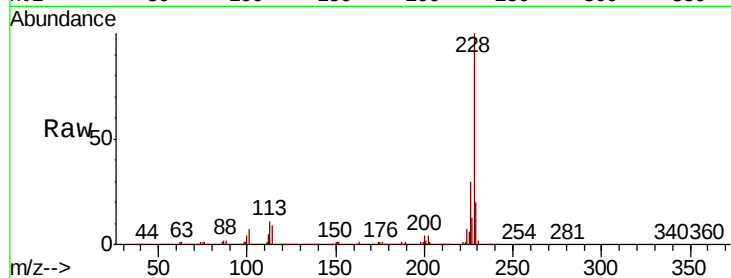




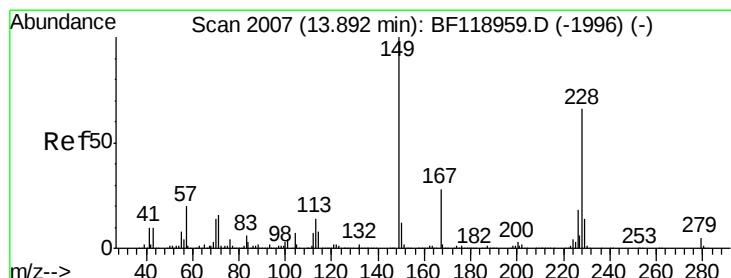
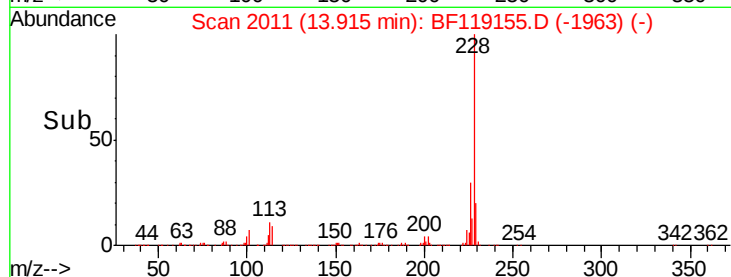
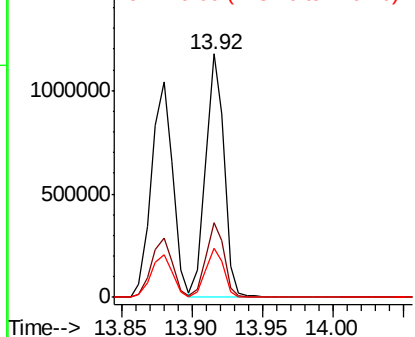
#83
 Chrvsene
 Concen: 40.116 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1066564
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 20.2 16.3 24.5

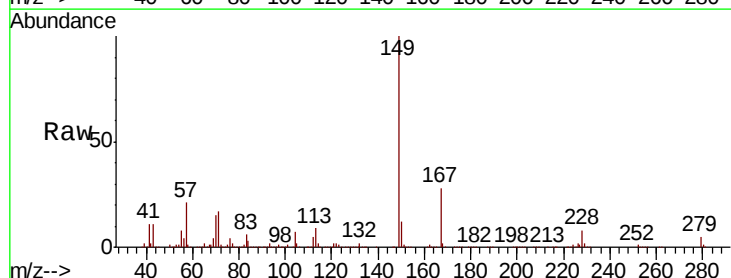


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

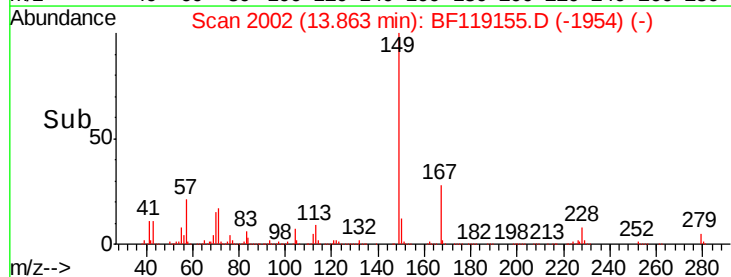
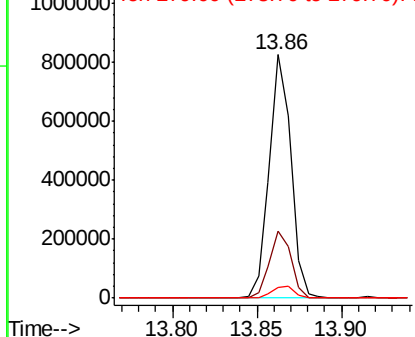


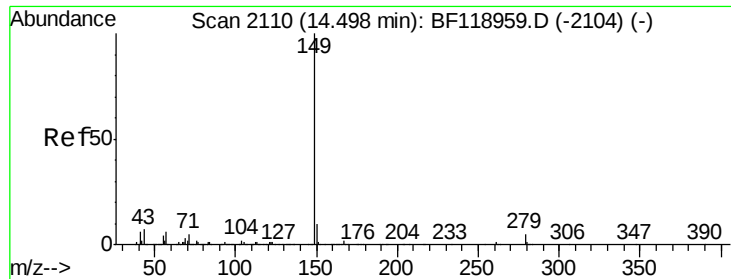
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.661 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119155.D
 Acq: 29 Feb 2020 13:04

Tgt Ion:149 Resp: 730005
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.8 34.2
 279 4.6 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.608 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampled :

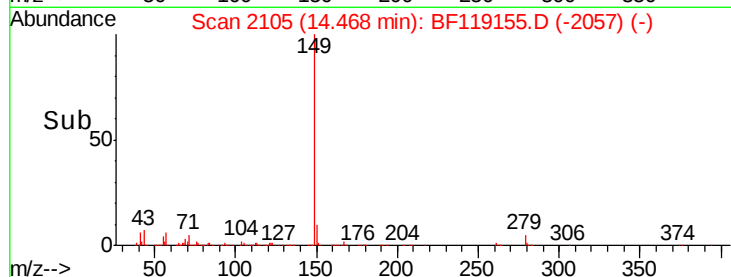
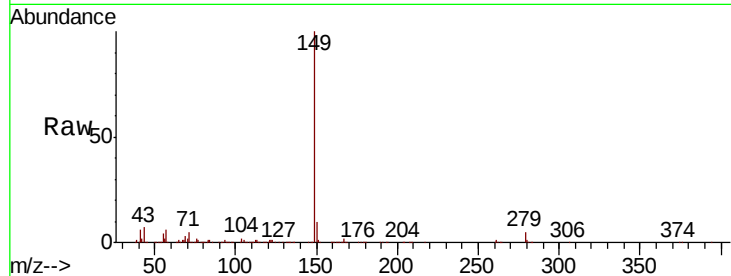
Tot Ion:149 Resp: 1055138

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

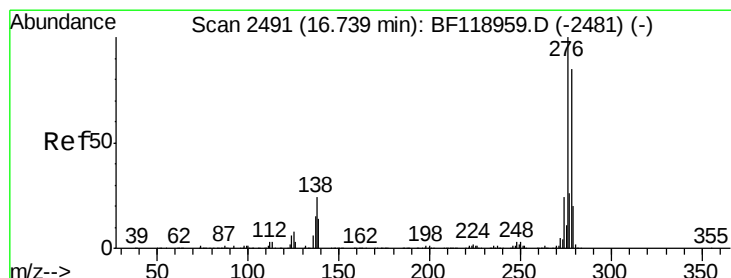
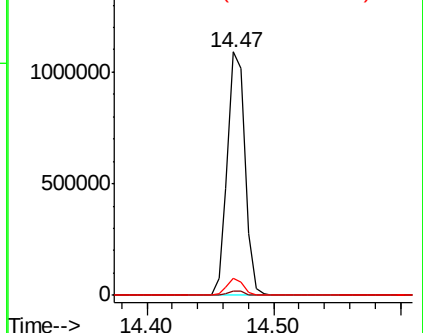
43 6.7 5.7 8.5



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: 35.451 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.03 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

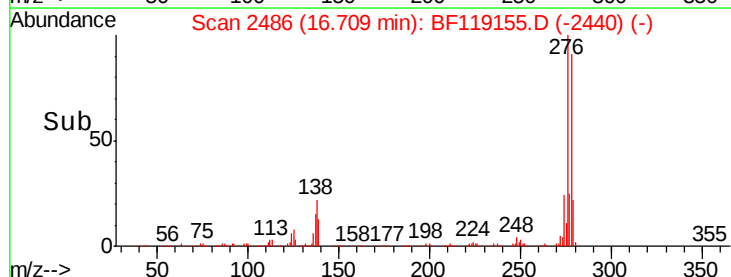
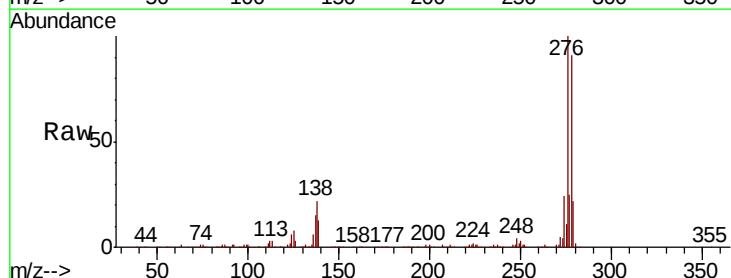
Tgt Ion:276 Resp: 912639

Ion Ratio Lower Upper

276 100

138 21.5 17.4 26.0

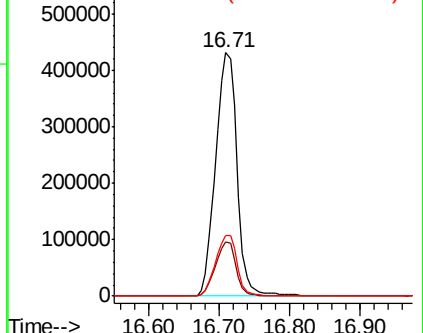
277 25.1 20.3 30.5

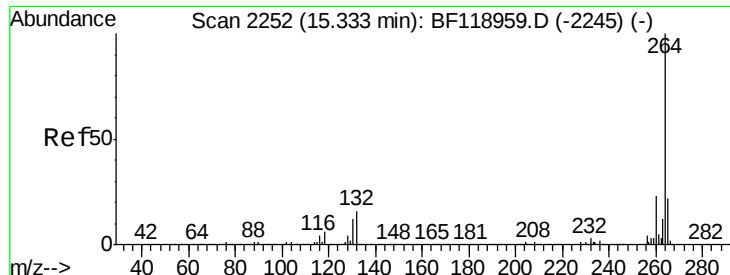


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

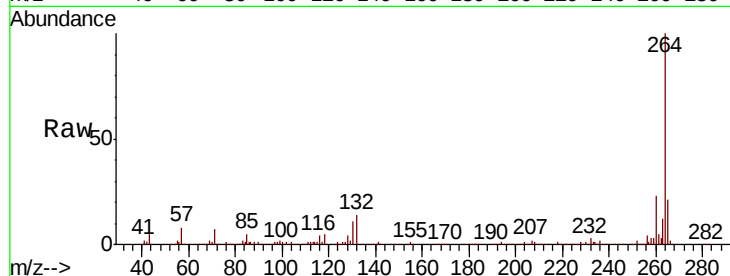




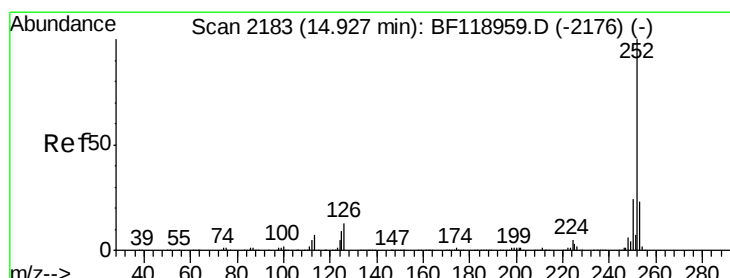
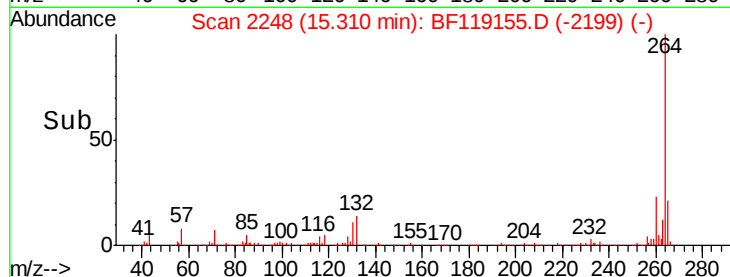
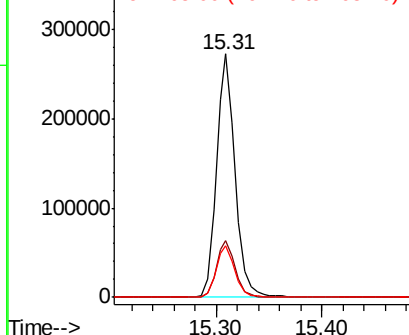
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 337919
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.2 17.7 26.5

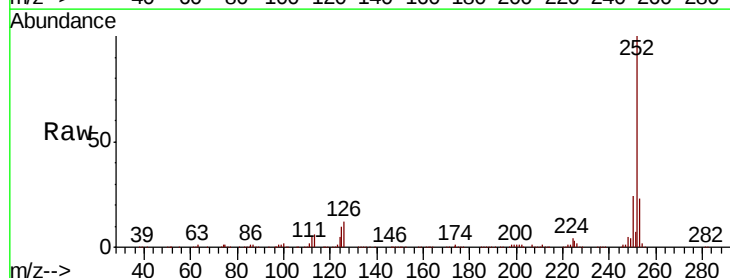


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

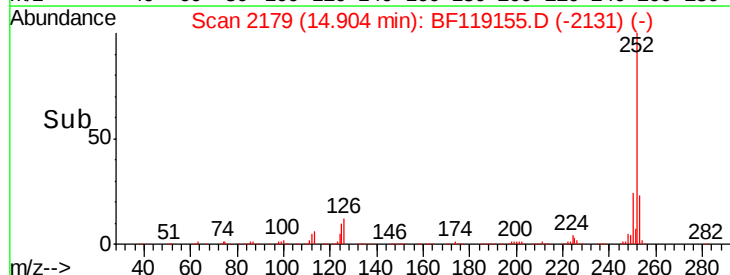
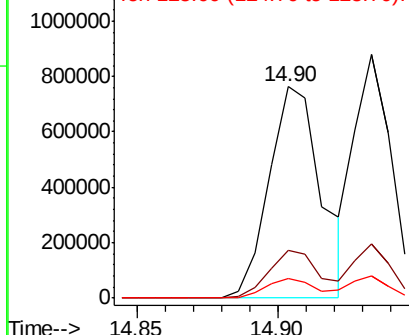


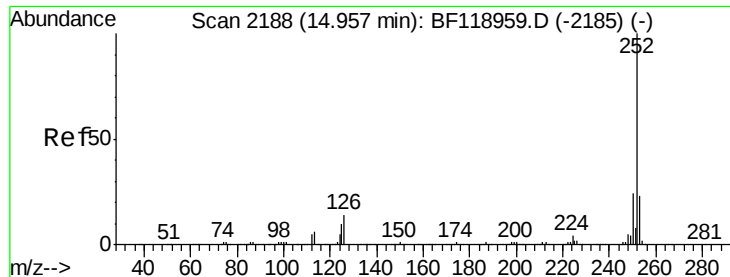
#88
Benzo(b)fluoranthene
Concen: 43.990 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:252 Resp: 979828
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.5 7.4 11.0



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

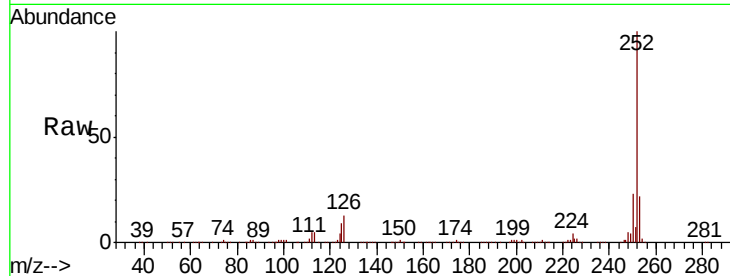




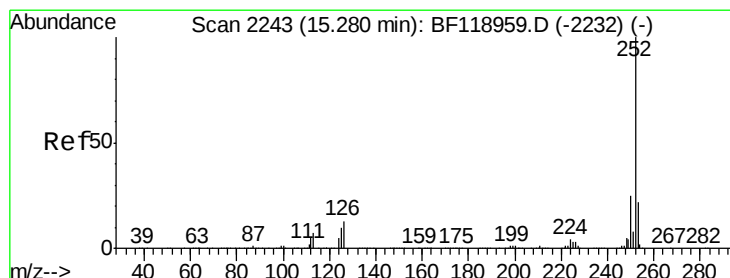
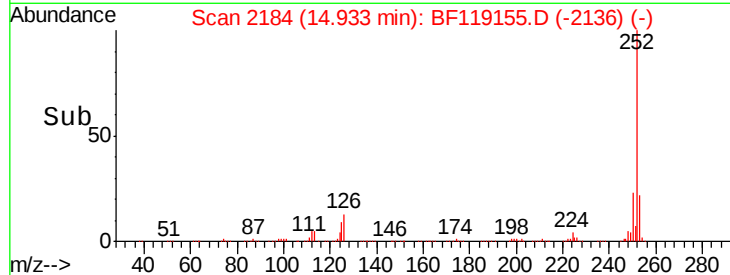
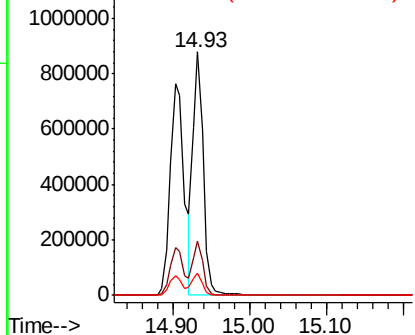
#89
Benzo(k)fluoranthene
Concen: 40.091 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 827543
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 8.9 7.5 11.3

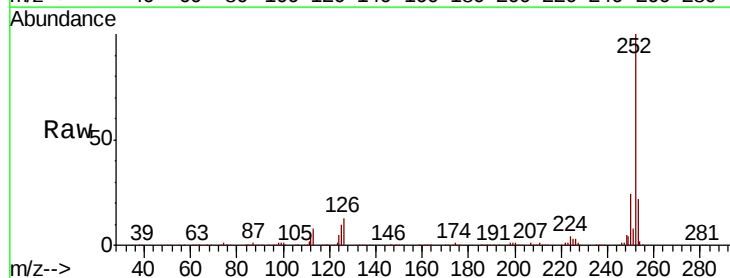


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

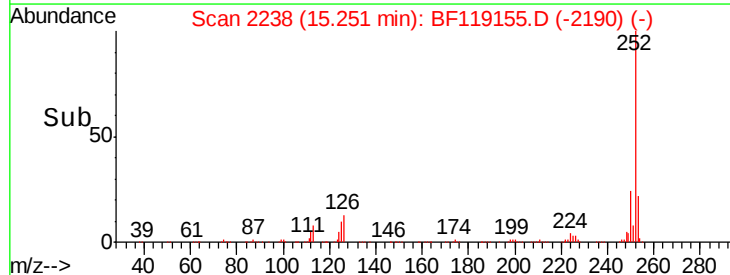
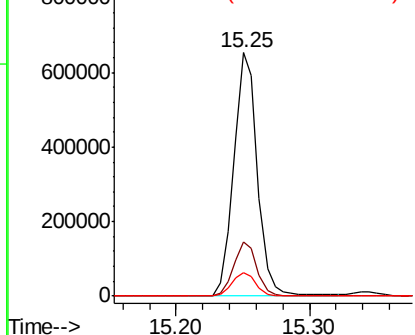


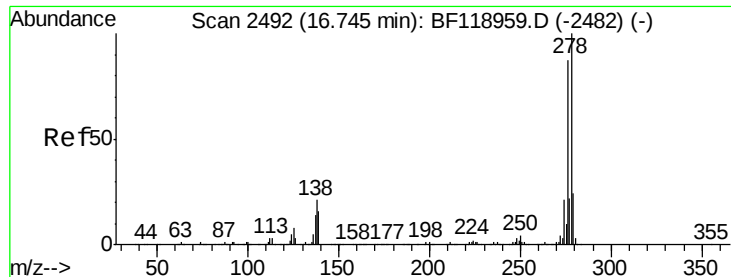
#90
Benzo(a)pyrene
Concen: 40.181 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119155.D
Acq: 29 Feb 2020 13:04

Tgt Ion:252 Resp: 807740
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.9 8.6 12.8



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: 42.210 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

Instrument :

BNA_F

ClientSampleId :

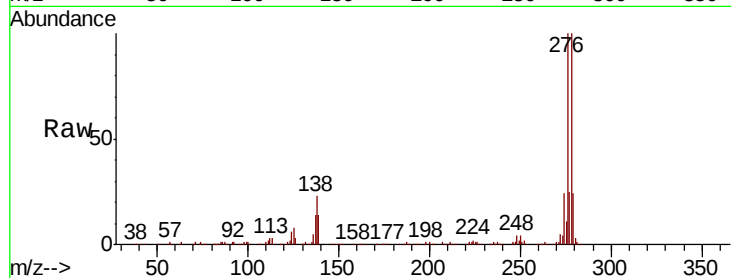
Tot Ion:278 Resp: 746619

Ion Ratio Lower Upper

278 100

139 14.1 11.0 16.4

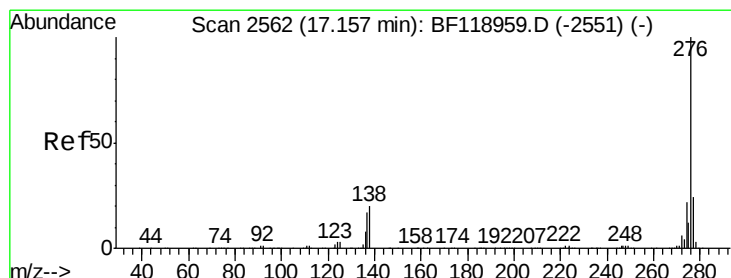
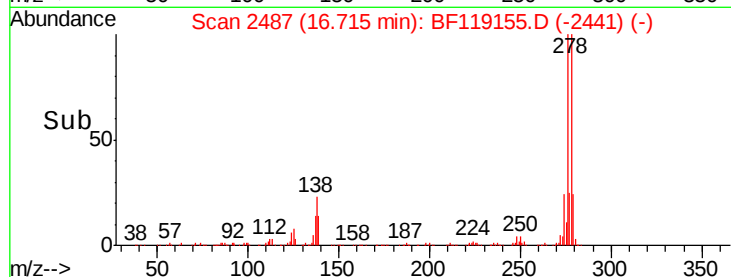
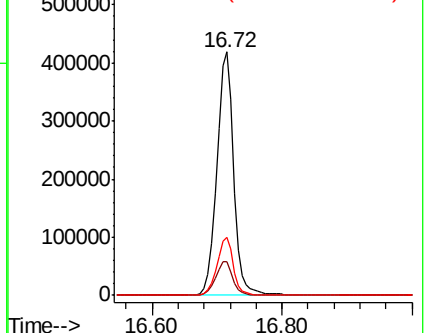
279 23.9 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.002 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.03 min

Lab File: BF119155.D

Acq: 29 Feb 2020 13:04

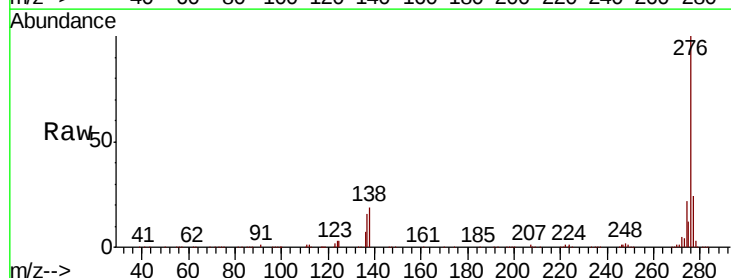
Tgt Ion:276 Resp: 734060

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.8 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

