

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103019.D
 Acq On : 15 Feb 2018 16:00
 Operator : SJ/JU
 Sample : J1539-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-NW@5

Quant Time: Feb 15 16:57:13 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169017	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	715282	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	323426	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	581075	20.00	ng	0.00
75) Chrysene-d12	14.04	240	483398	20.00	ng	0.00
86) Perylene-d12	15.52	264	391301	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1274154	114.49	ng	0.00
7) Phenol-d6	6.51	99	1523907	113.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	980294	95.07	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	343162	131.82	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1538210	78.92	ng	0.00
78) Terphenyl-d14	12.99	244	1500761	73.51	ng	0.00

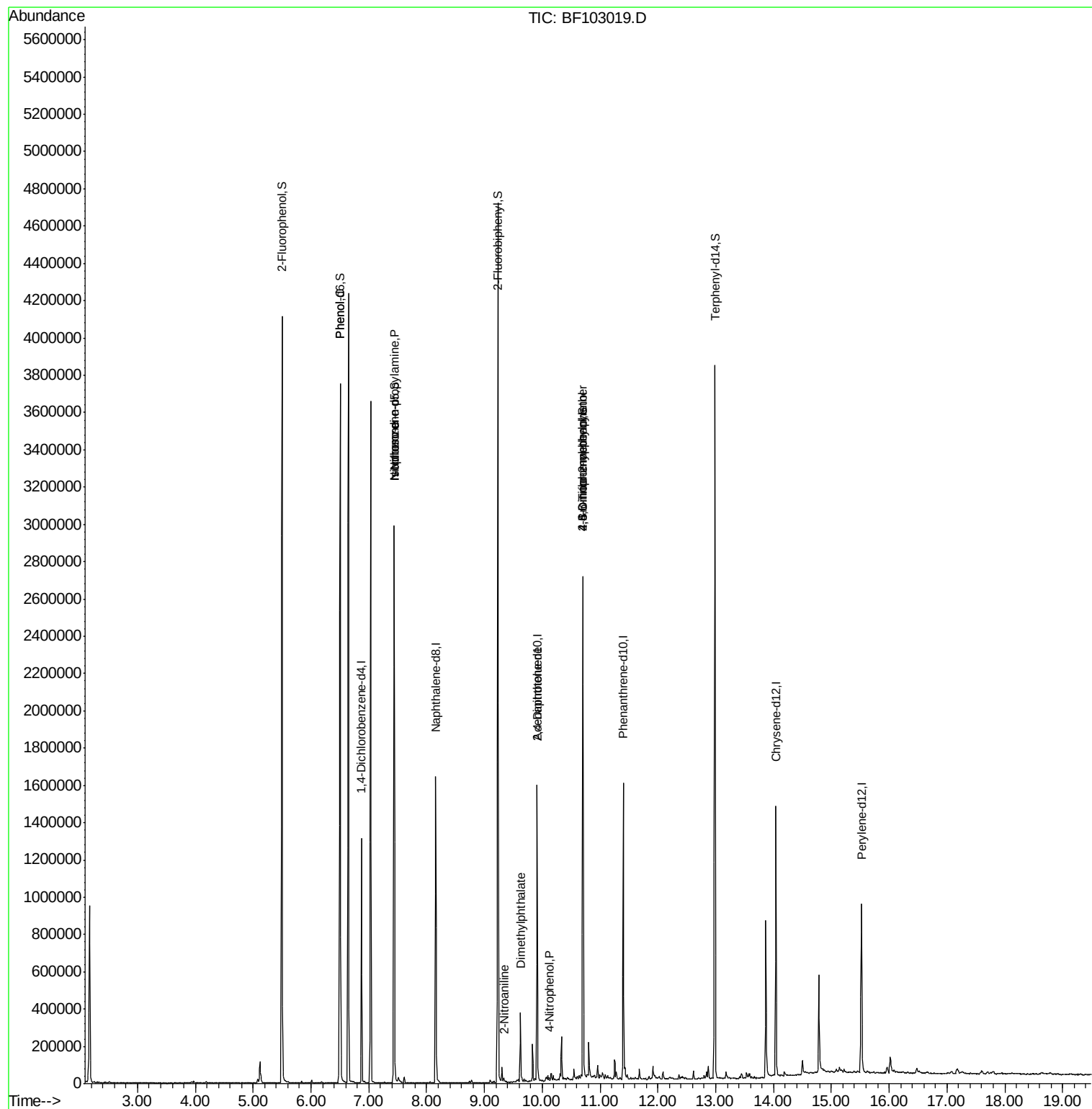
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	46257	3.221	ng	86
19) n-Nitroso-di-n-propylamine	7.44	70	130110	14.726	ng	# 79
25) Isophorone	7.44	82	980282	41.288	ng	# 64
47) 2-Nitroaniline	9.33	65	126	3.490	ng	# 2
49) Dimethylphthalate	9.62	163	125051	4.959	ng	100
55) 4-Nitrophenol	10.12	139	307	4.084	ng	# 9
56) 2,4-Dinitrotoluene	9.91	165	40557	8.975	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	594	9.019	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	22048	3.587	ng	# 1

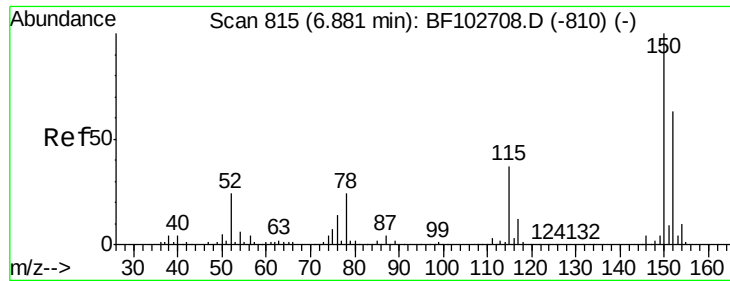
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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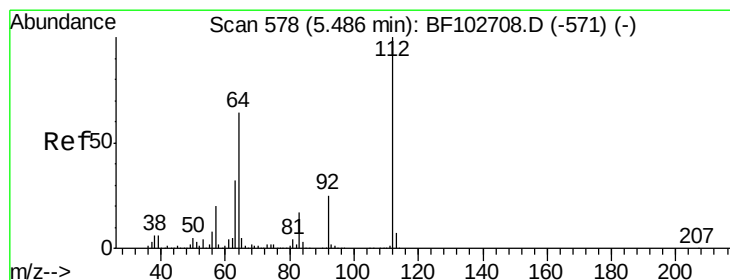
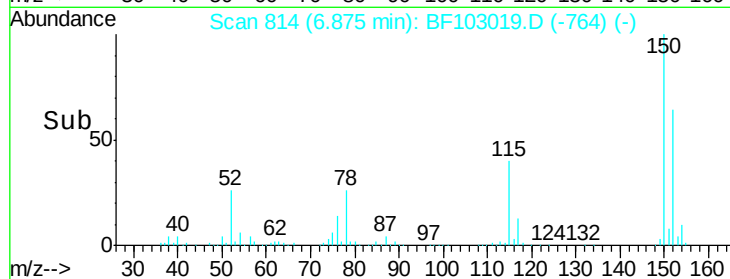
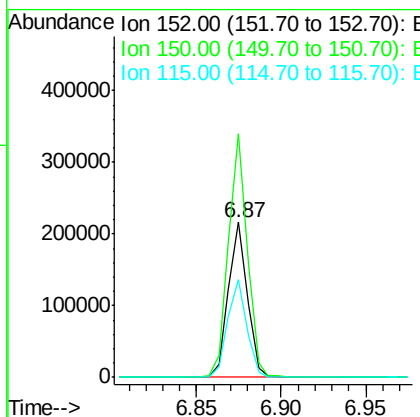
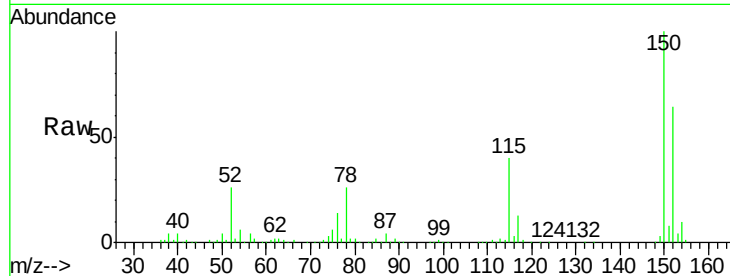




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

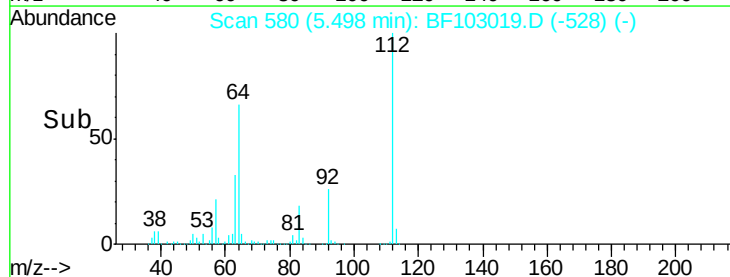
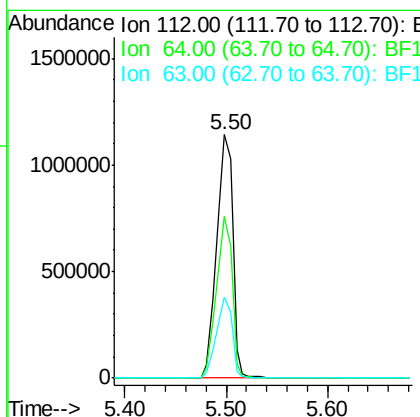
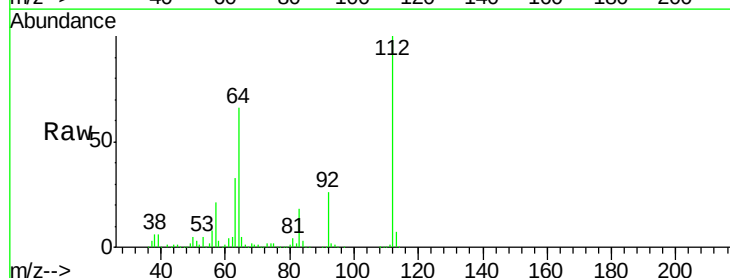
Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-NW@5

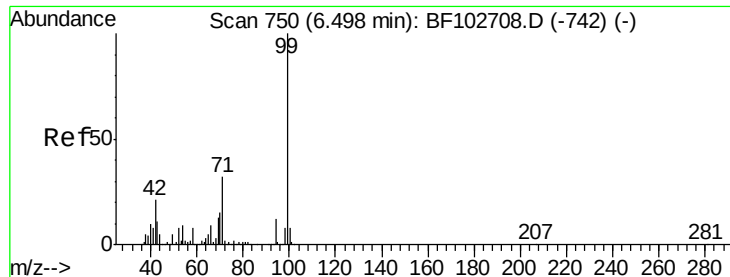
Tgt Ion:152 Resp: 169017
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 62.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 114.486 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Tgt Ion:112 Resp: 1274154
 Ion Ratio Lower Upper
 112 100
 64 66.2 47.9 71.9
 63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 113.721 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103019.D

Acq: 15 Feb 2018 16:00

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-2-NW@5

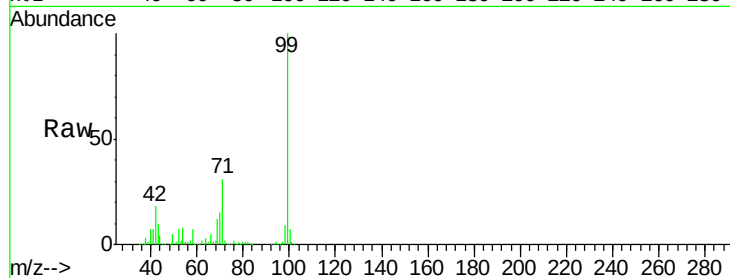
Tgt Ion: 99 Resp: 1523907

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

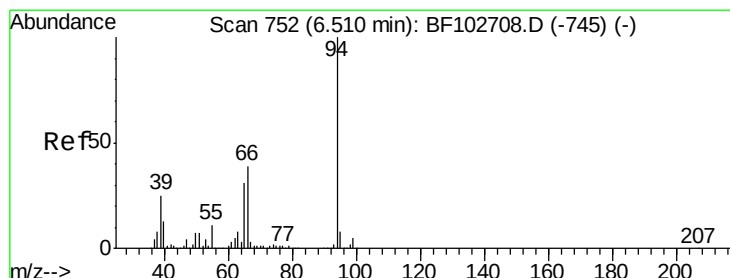
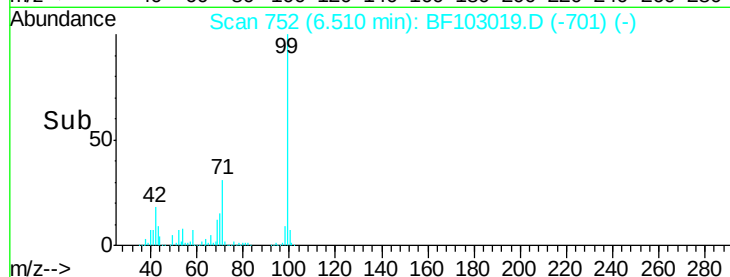
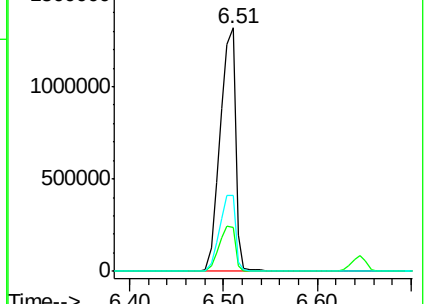
71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.221 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103019.D

Acq: 15 Feb 2018 16:00

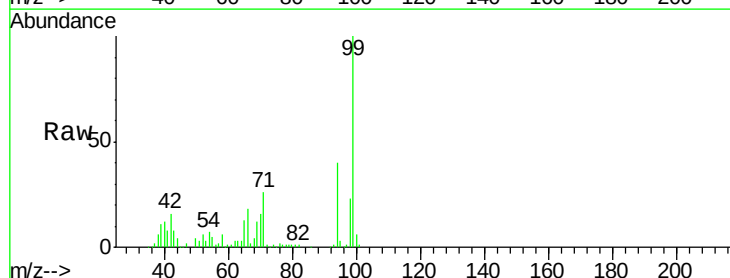
Tgt Ion: 94 Resp: 46257

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

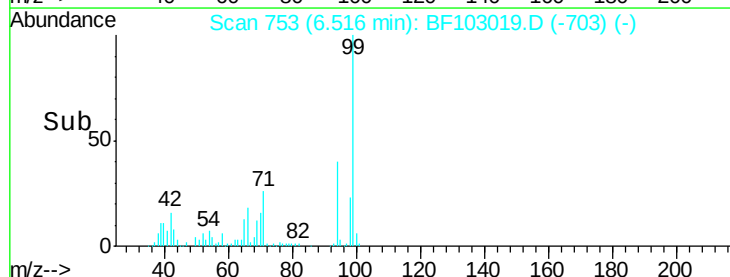
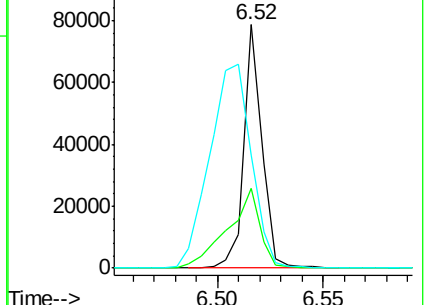
66 46.5 16.2 56.2

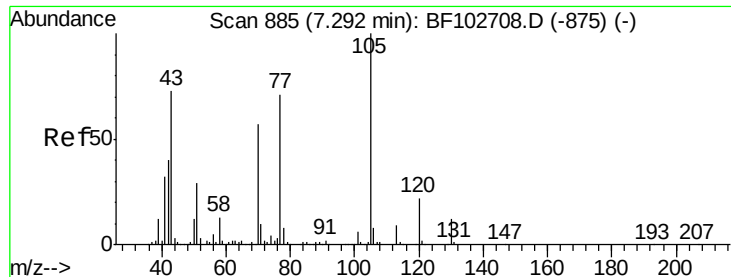


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

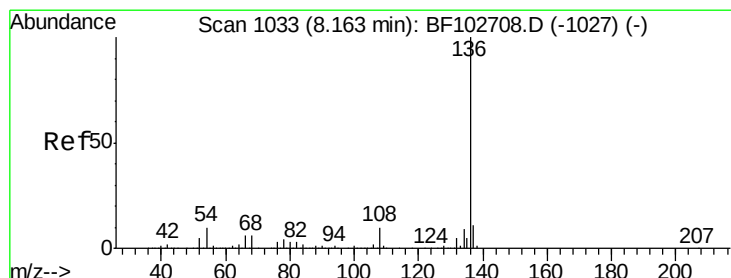
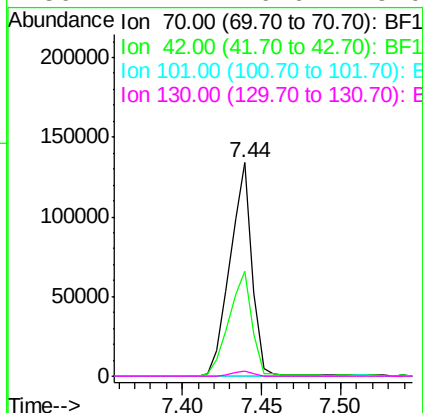
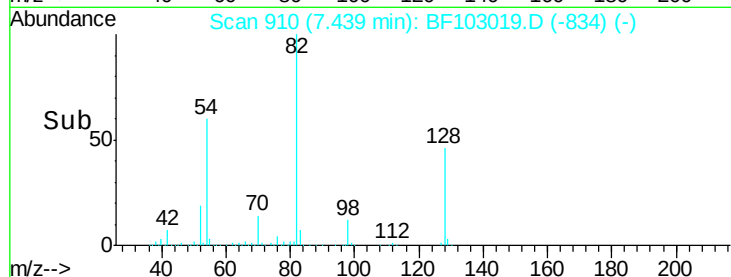
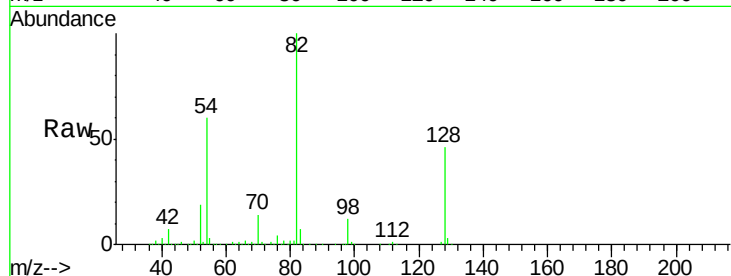




#19
n-Nitroso-di-n-propylamine
Concen: 14.726 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103019.D
Acq: 15 Feb 2018 16:00

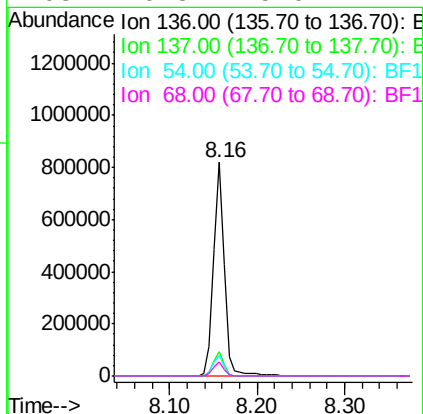
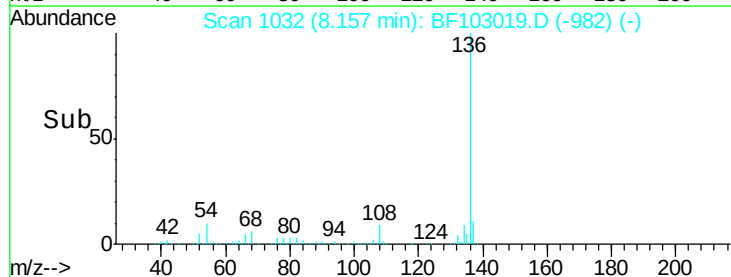
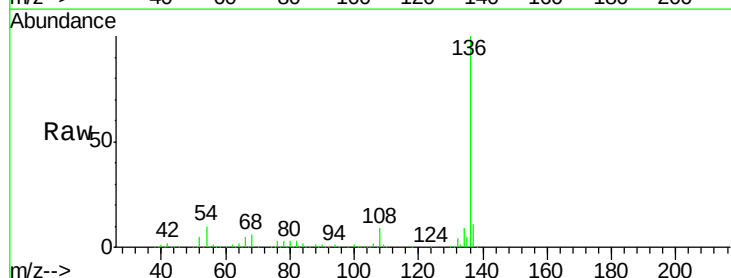
Instrument :
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12-ST-LATERAL-LINE-2-NW@5

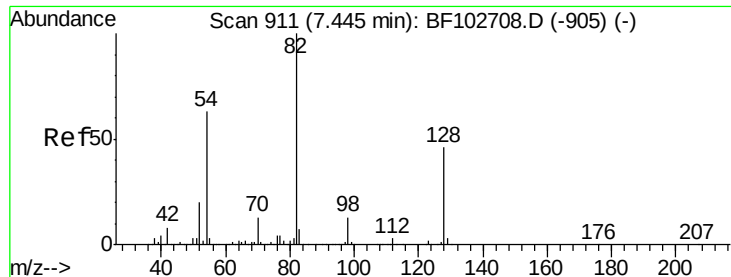
Tgt Ion: 70 Resp: 130110
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103019.D
Acq: 15 Feb 2018 16:00

Tgt Ion: 136 Resp: 715282
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.6 6.6 9.8
68 6.3 5.0 7.4

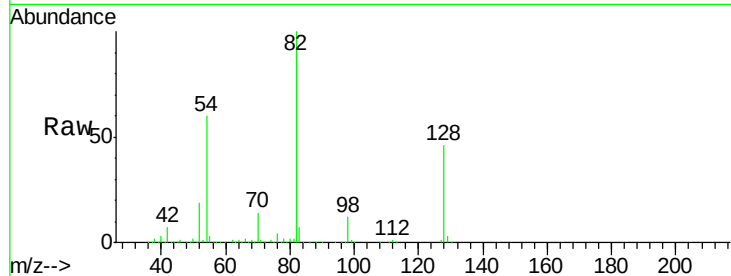




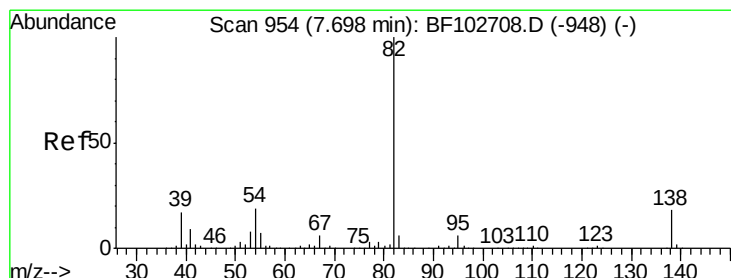
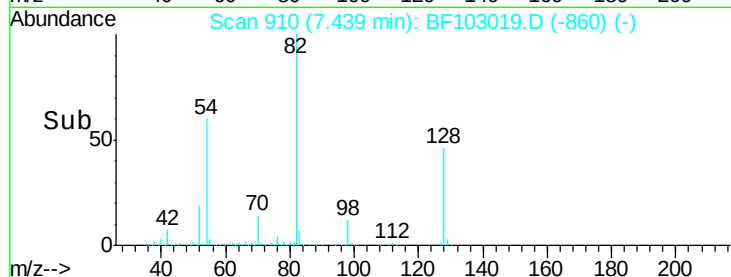
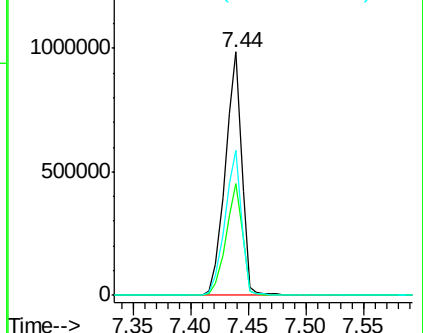
#23
Nitrobenzene-d5
Concen: 95.072 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103019.D
Acq: 15 Feb 2018 16:00

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-2-NW@5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	59.8	41.4	62.2

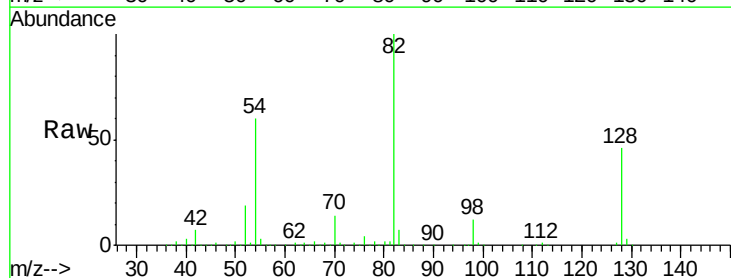


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

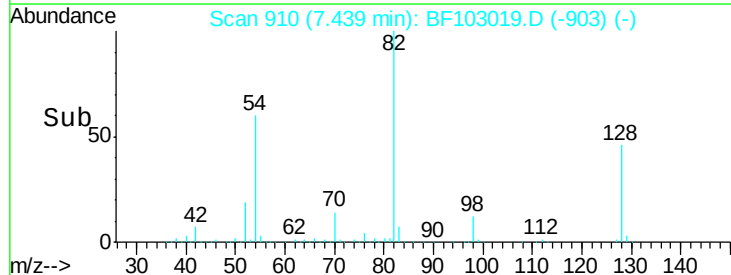
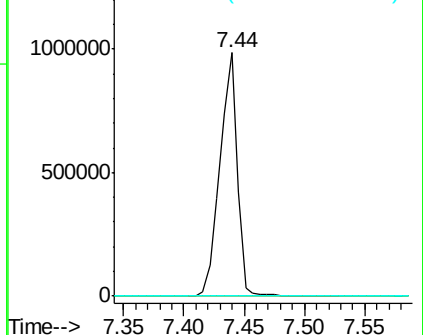


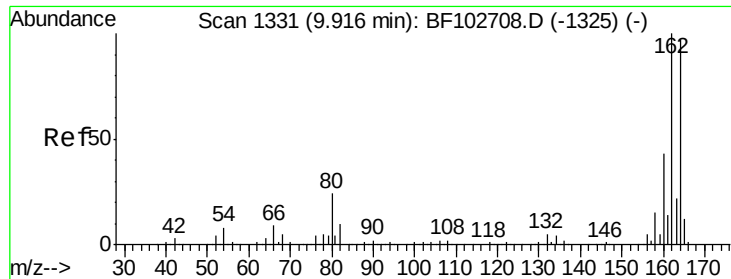
#25
Isophorone
Concen: 41.288 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103019.D
Acq: 15 Feb 2018 16:00

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

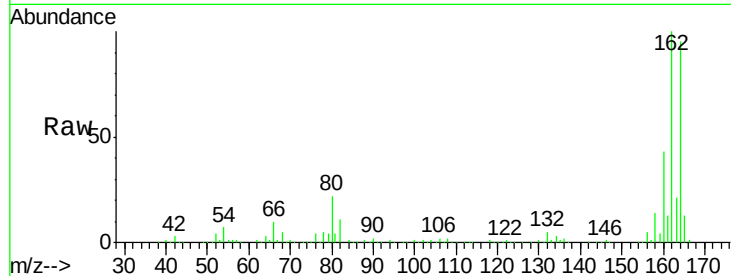




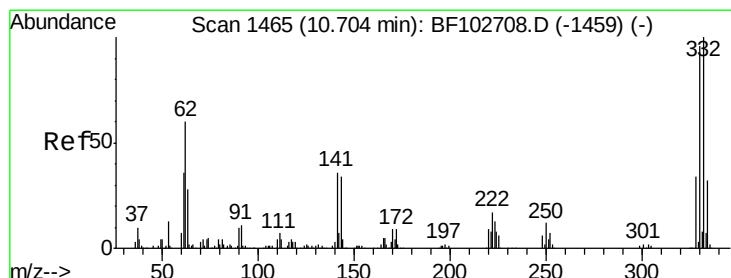
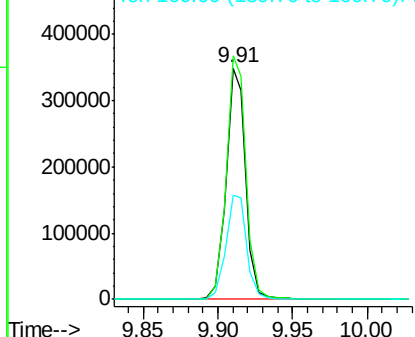
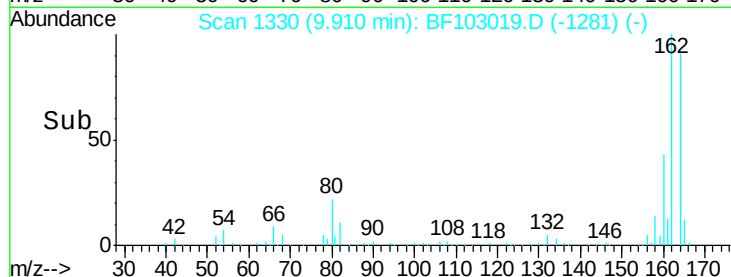
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Instrument :
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 ClientSampleId :
 12-ST-LATERAL-LINE-2-NW@5

Tgt Ion:164 Resp: 323426
 Ion Ratio Lower Upper
 164 100
 162 105.5 86.1 129.1
 160 45.0 38.3 57.5

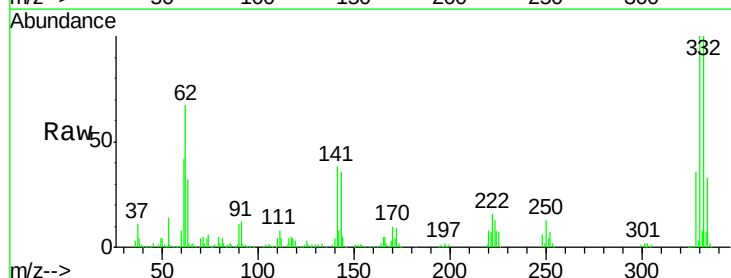


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

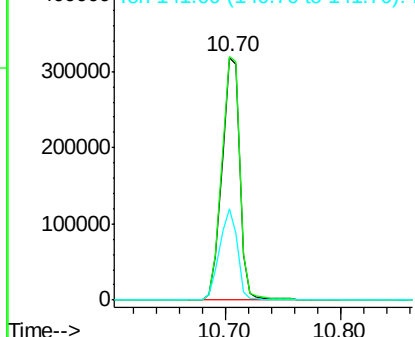
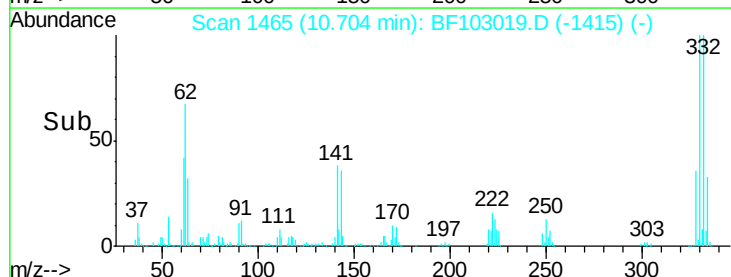


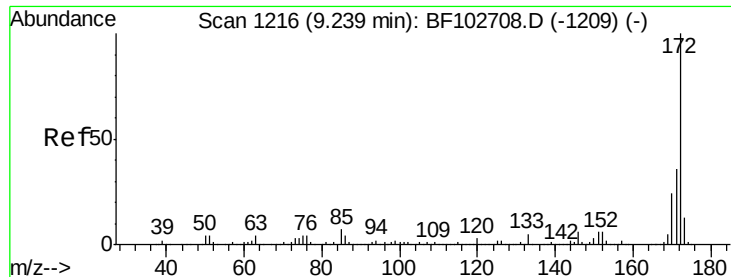
#41
 2,4,6-Tribromophenol
 Concen: 131.823 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Tgt Ion:330 Resp: 343162
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 37.9 29.9 44.9



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

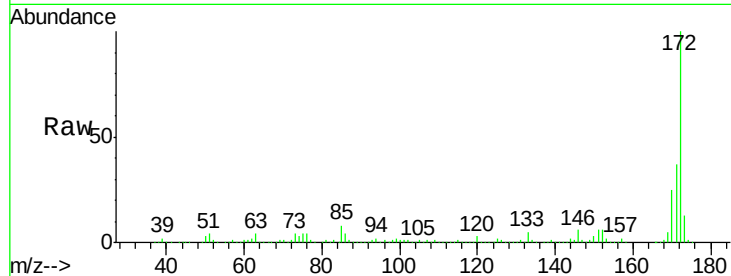




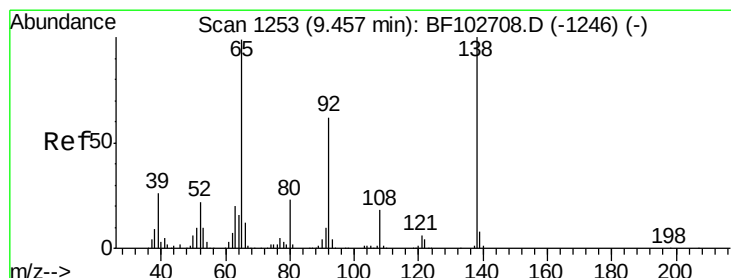
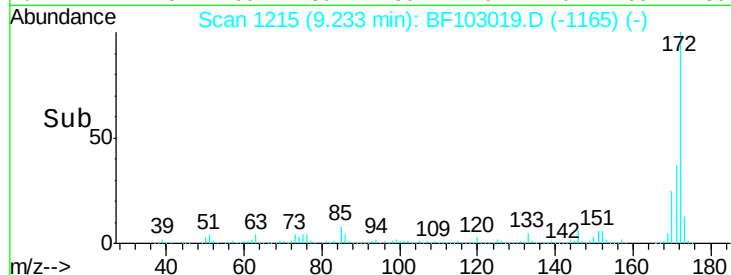
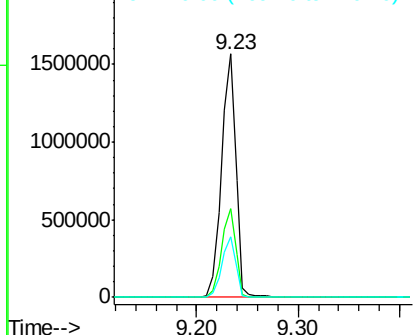
#44
 2-Fluorobiphenyl
 Concen: 78.919 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 172 Resp: 1538210
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.7 19.6 29.4

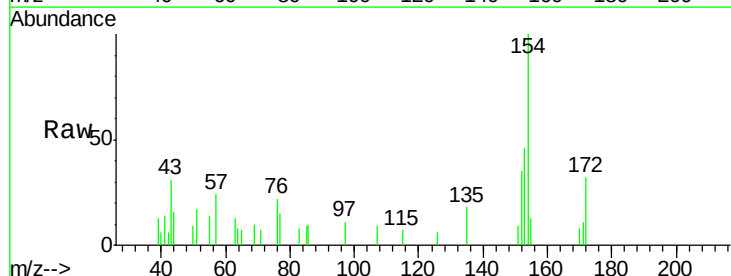


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

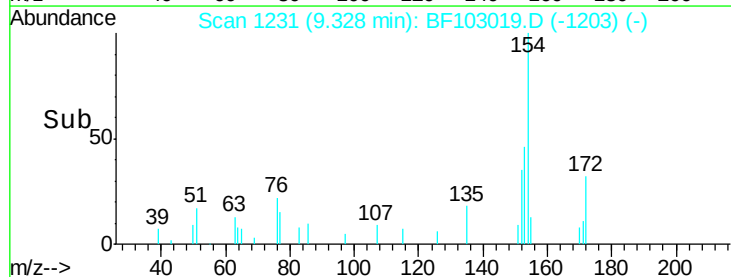
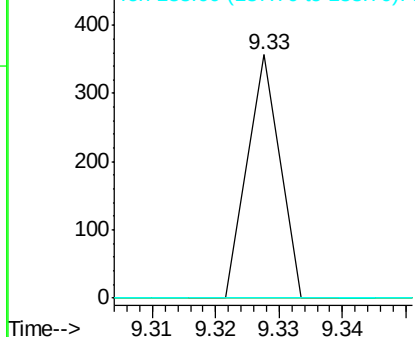


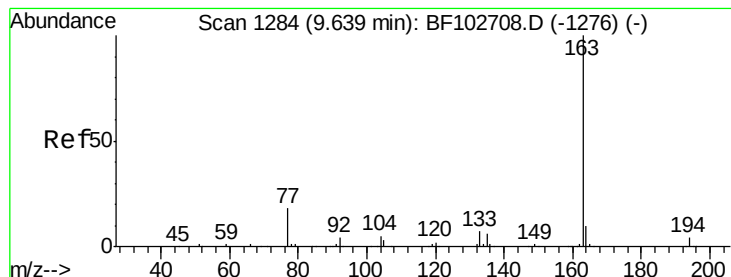
#47
 2-Nitroaniline
 Concen: 3.490 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.14 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Tgt Ion: 65 Resp: 126
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



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





#49

Dimethylphthalate

Concen: 4.959 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103019.D

Acq: 15 Feb 2018 16:00

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-2-NW@5

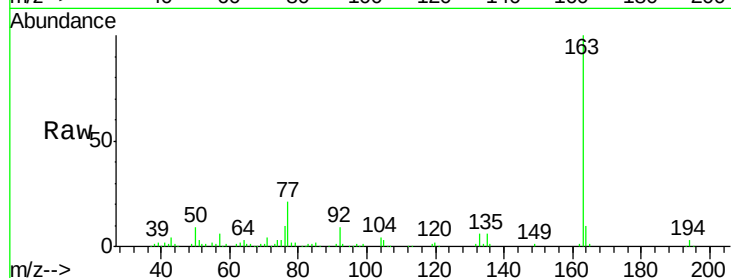
Tgt Ion:163 Resp: 125051

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

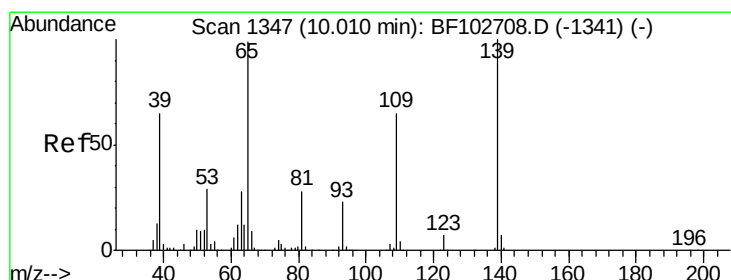
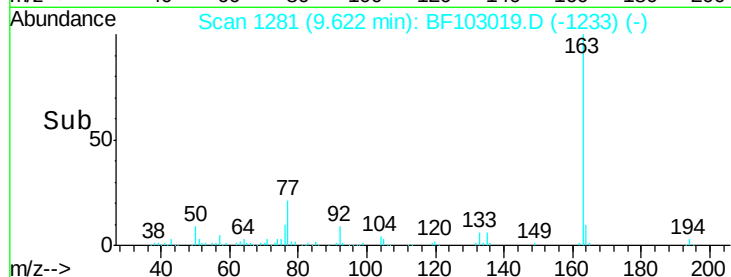
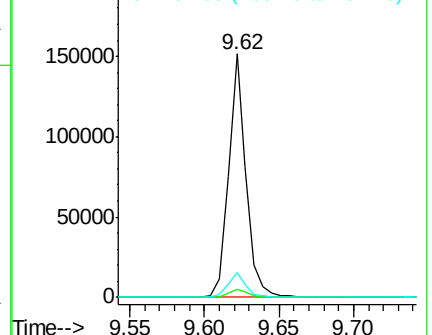
164 10.2 8.2 12.2



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



#55

4-Nitrophenol

Concen: 4.084 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.09 min

Lab File: BF103019.D

Acq: 15 Feb 2018 16:00

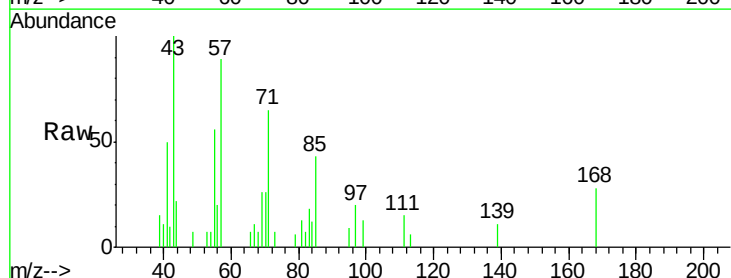
Tgt Ion:139 Resp: 307

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

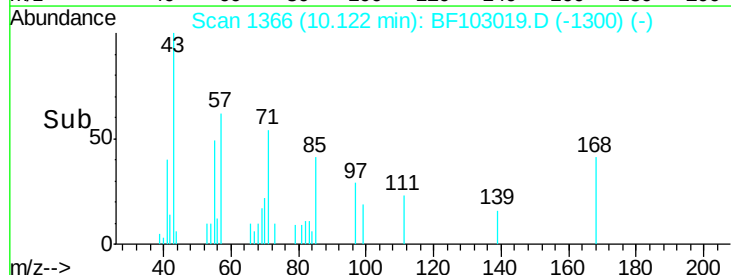
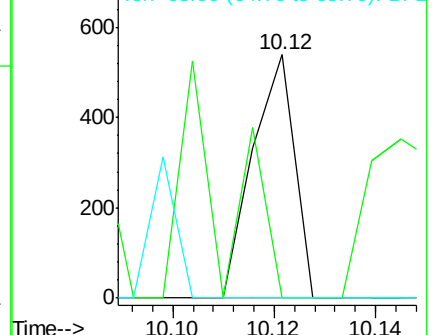
65 0.0 72.6 112.6#

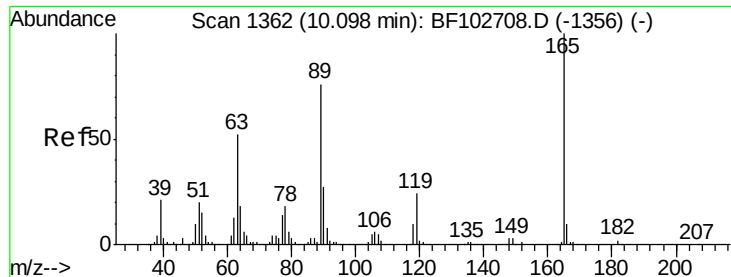


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

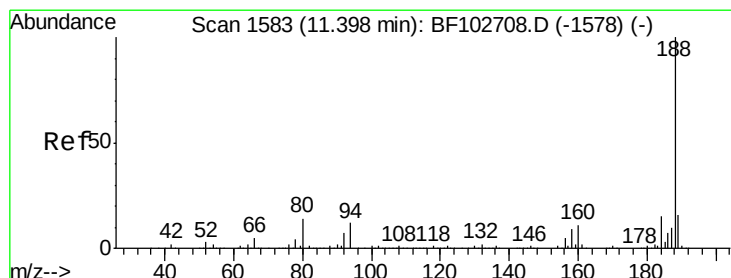
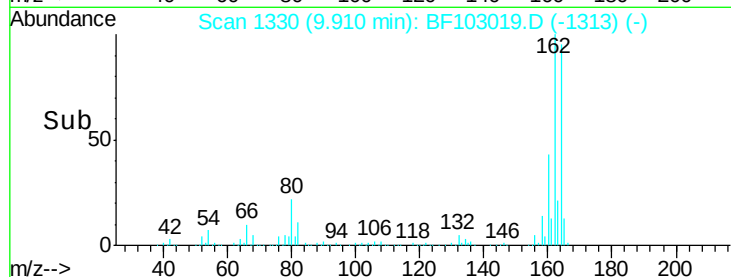
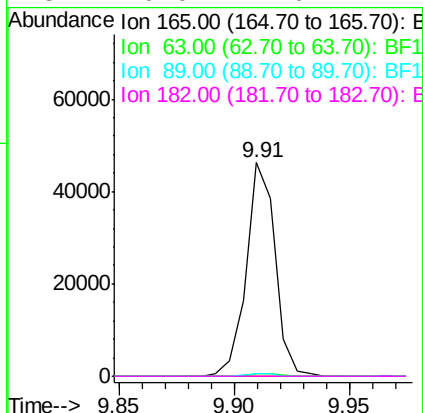
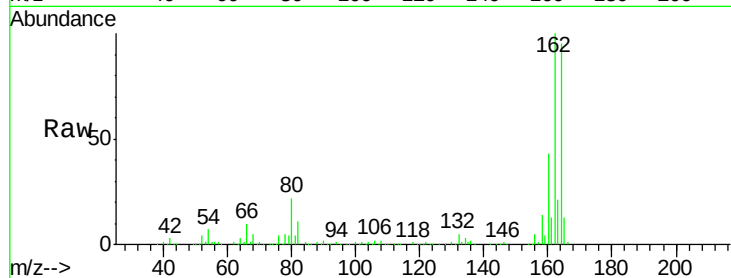




#56
 2,4-Dinitrotoluene
 Concen: 8.975 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

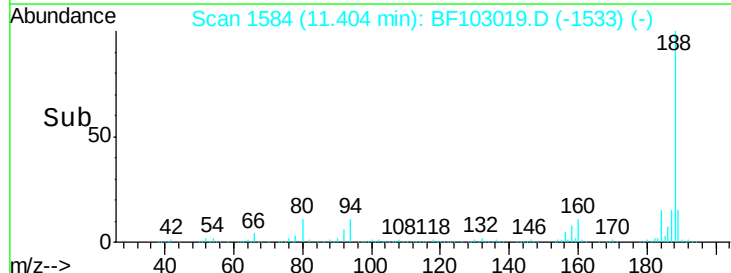
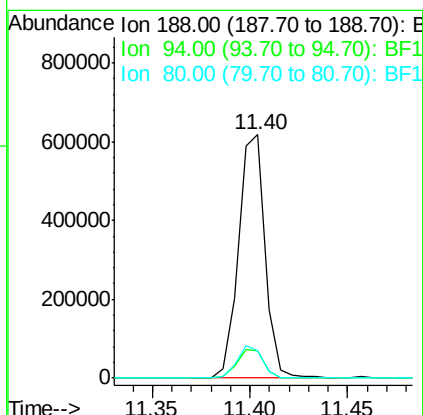
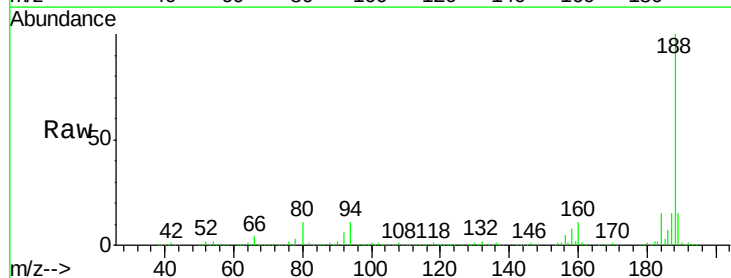
Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-NW@5

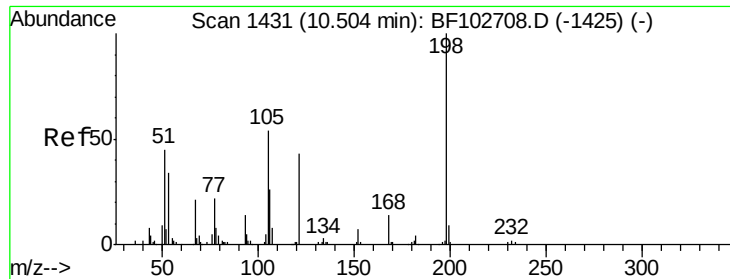
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.3	9.2	13.8

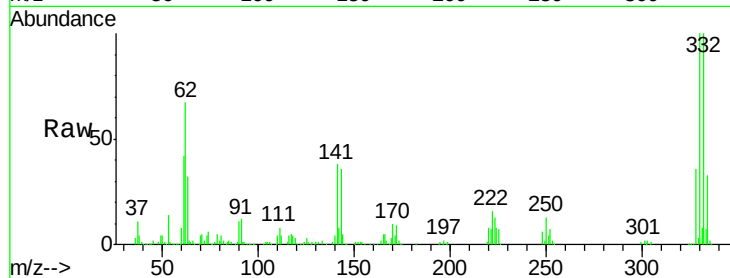




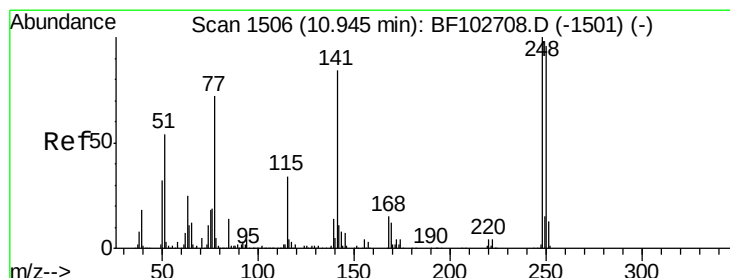
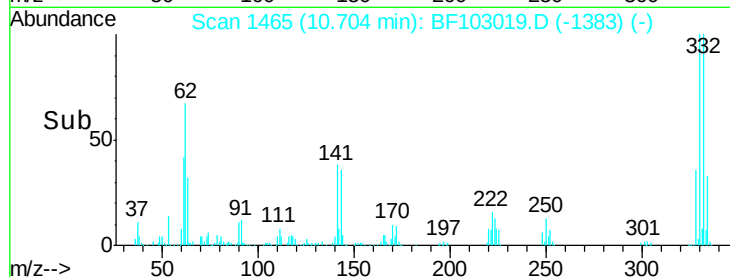
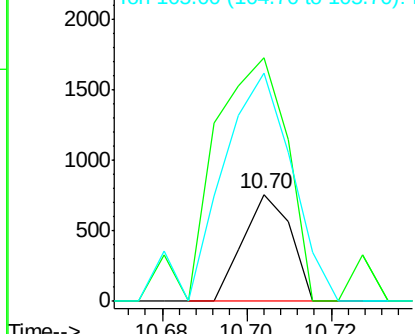
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.019 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-NW@5

Tgt Ion:198 Resp: 594
 Ion Ratio Lower Upper
 198 100
 51 227.6 37.7 77.7#
 105 213.3 36.3 76.3#

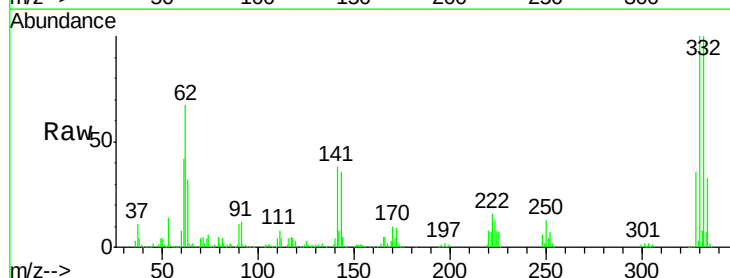


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

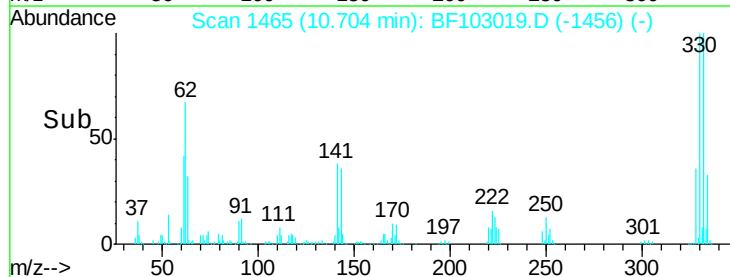
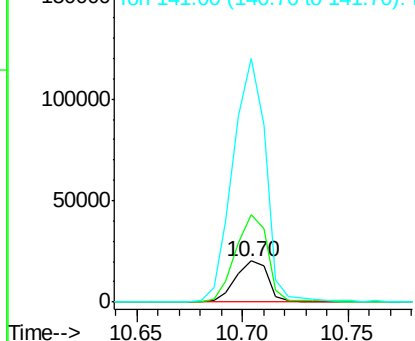


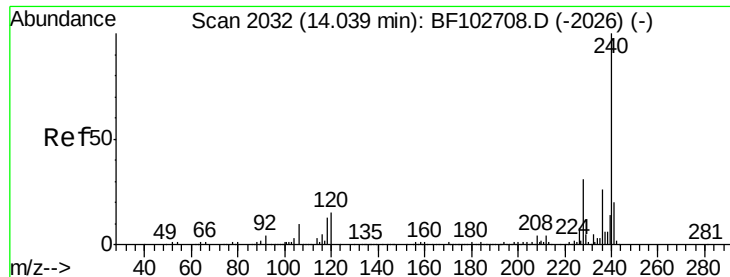
#66
 4-Bromophenyl-phenylether
 Concen: 3.587 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF103019.D
 Acq: 15 Feb 2018 16:00

Tgt Ion:248 Resp: 22048
 Ion Ratio Lower Upper
 248 100
 250 214.7 76.9 115.3#
 141 597.5 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103019.D

Acq: 15 Feb 2018 16:00

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-2-NW@5

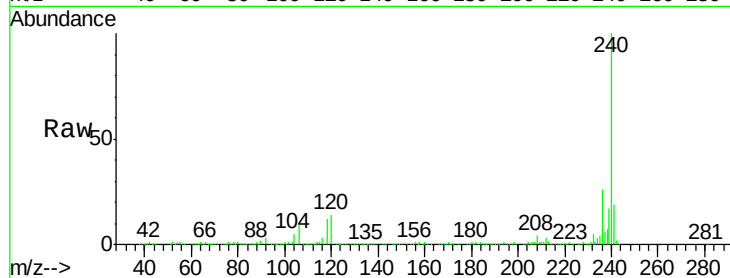
Tgt Ion:240 Resp: 483398

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

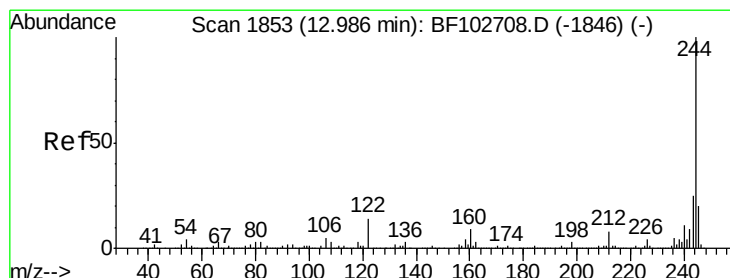
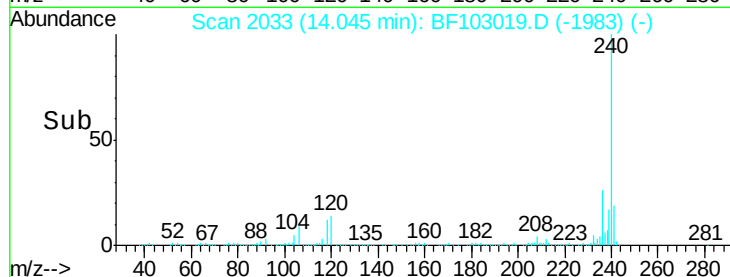
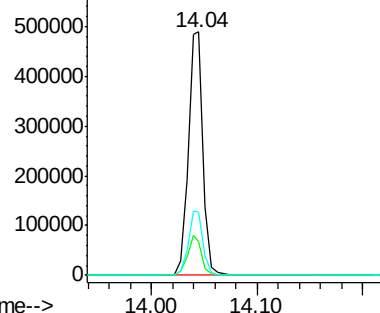
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 73.510 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103019.D

Acq: 15 Feb 2018 16:00

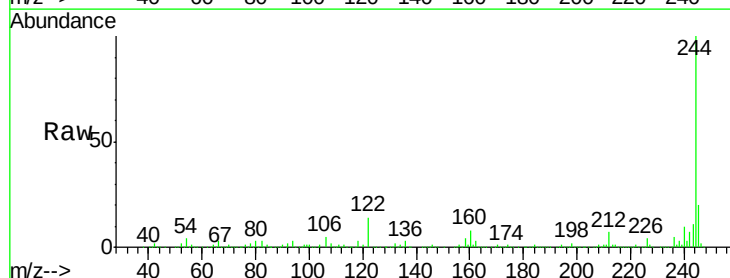
Tgt Ion:244 Resp: 1500761

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

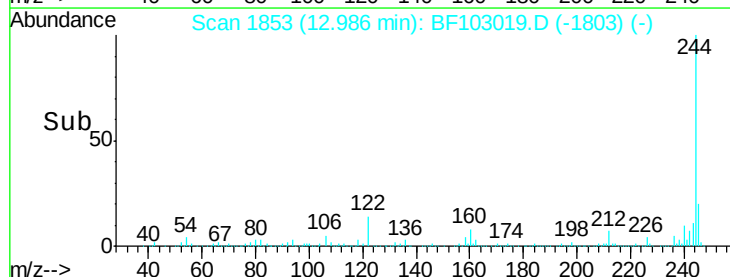
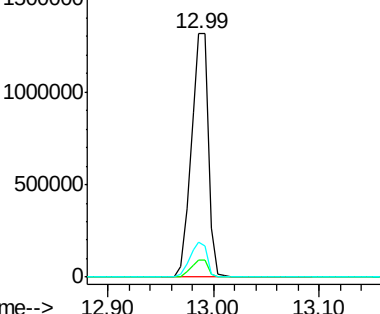
122 14.4 11.0 16.4

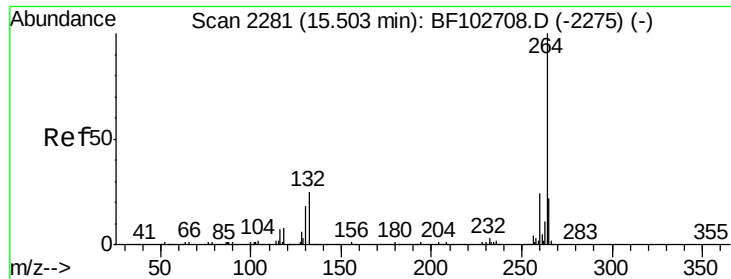


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF103019.D
Acq: 15 Feb 2018 16:00

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-2-NW@5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.1	17.5	26.3

