

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103012.D
 Acq On : 15 Feb 2018 12:42
 Operator : SJ/JU
 Sample : J1539-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-1-EW@4

Quant Time: Feb 15 14:15:48 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	179737	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	756345	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	349246	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	638416	20.00	ng	0.00
75) Chrysene-d12	14.04	240	517044	20.00	ng	0.00
86) Perylene-d12	15.53	264	450984	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1402792	118.53	ng	0.01
7) Phenol-d6	6.51	99	1725283	121.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	1141897	104.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	398296	141.69	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1673749	79.52	ng	0.00
78) Terphenyl-d14	12.99	244	1630964	74.69	ng	0.00

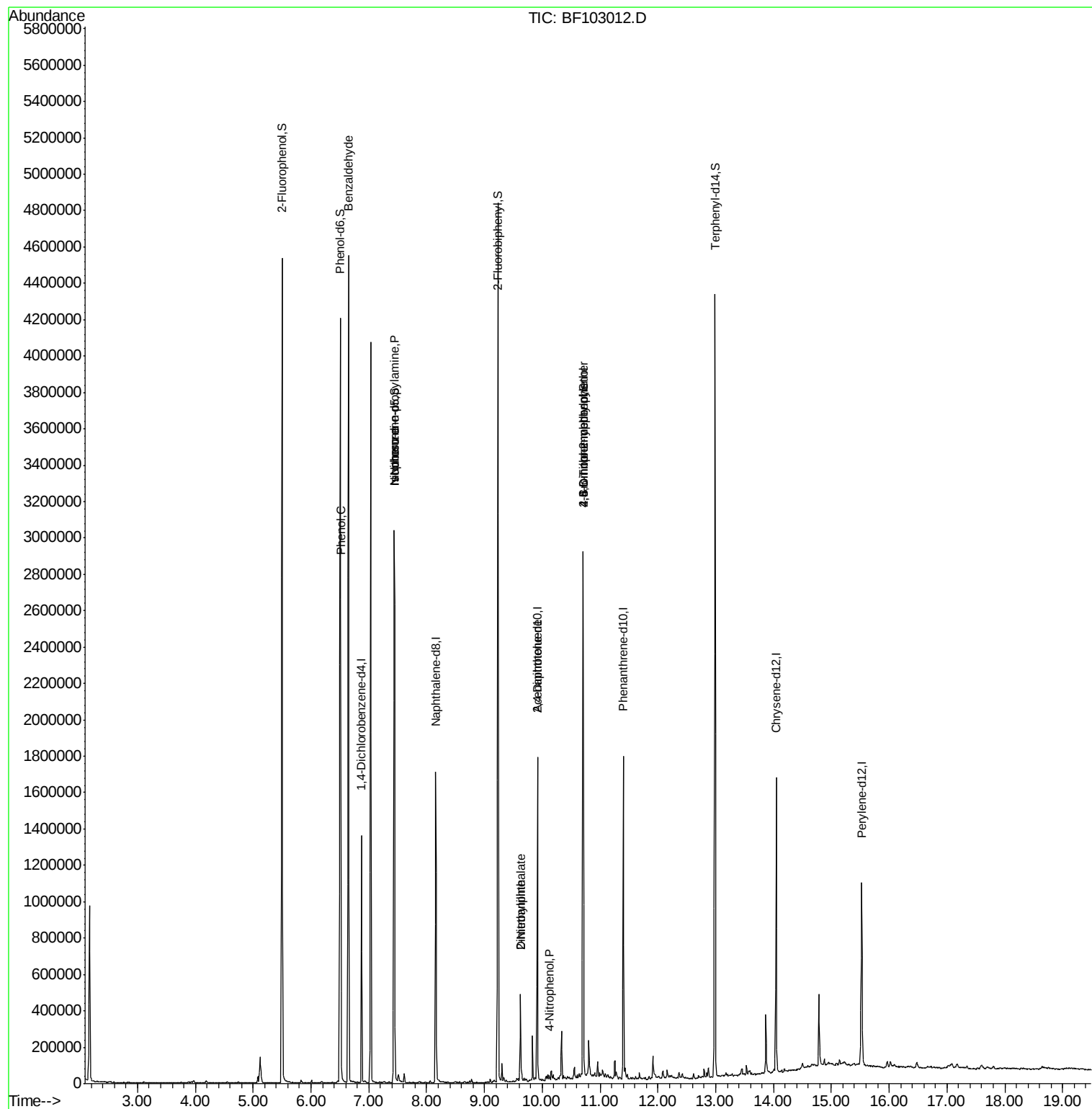
Target Compounds				Qvalue		
9) Benzaldehyde	6.65	77	31068	2.936	ng	83
10) Phenol	6.52	94	84007	5.501	ng	98
19) n-Nitroso-di-n-propylamine	7.44	70	150894	16.060	ng	# 80
25) Isophorone	7.44	82	1141876	45.483	ng	# 64
47) 2-Nitroaniline	9.62	65	1719	3.695	ng	# 1
49) Dimethylphthalate	9.62	163	162507	5.968	ng	99
55) 4-Nitrophenol	10.12	139	268	4.072	ng	# 36
56) 2,4-Dinitrotoluene	9.92	165	44598	9.083	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	827	9.080	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	25861	3.829	ng	# 1

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

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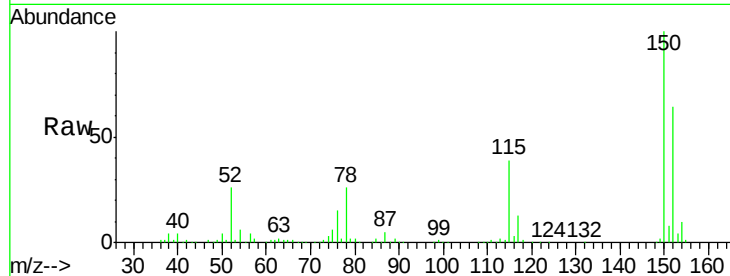


#1

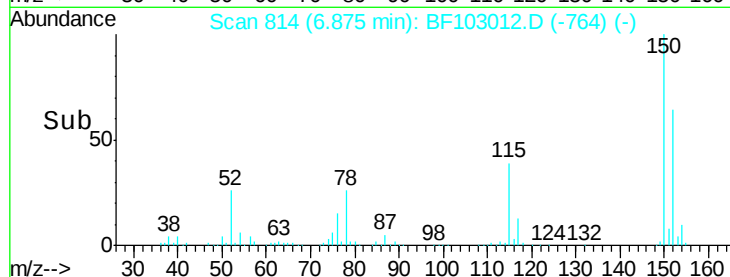
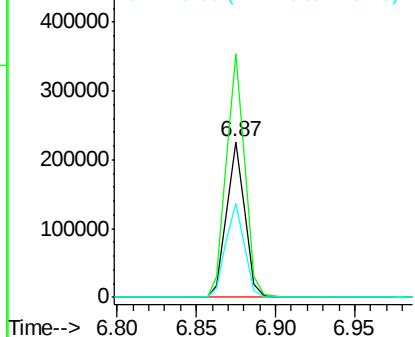
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-EW@4

Tgt Ion:152 Resp: 179737
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.6 50.1 75.1



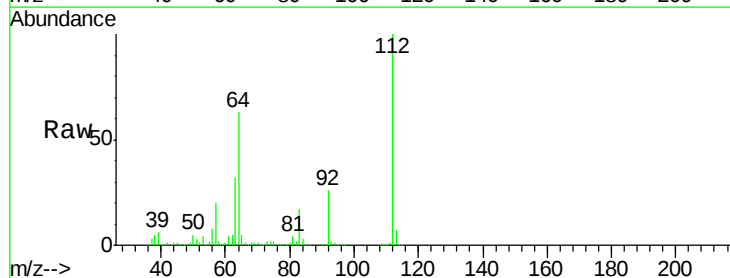
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



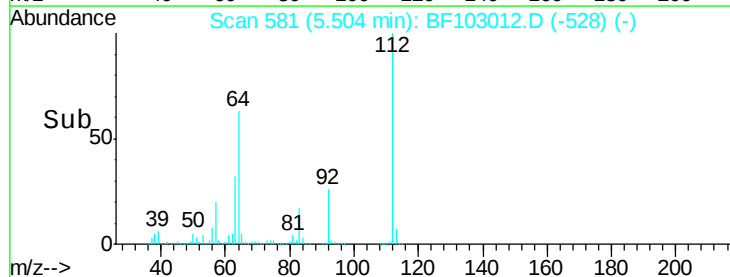
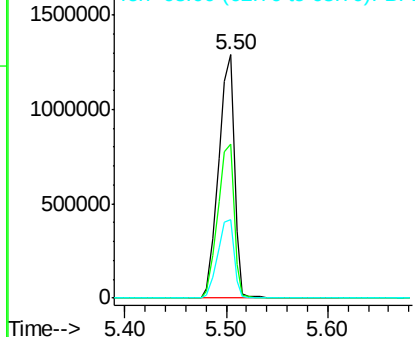
#5

2-Fluorophenol
Concen: 118.527 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

Tgt Ion:112 Resp: 1402792
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 121.069 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-1-EW@4

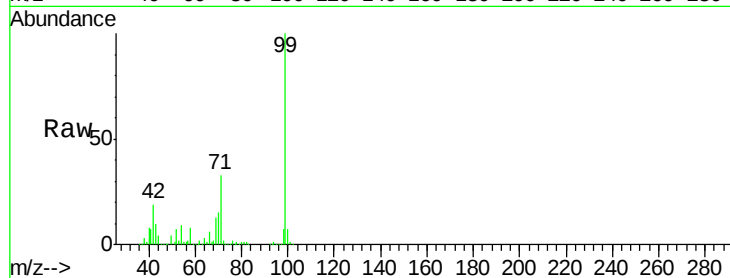
Tgt Ion: 99 Resp: 1725283

Ion Ratio Lower Upper

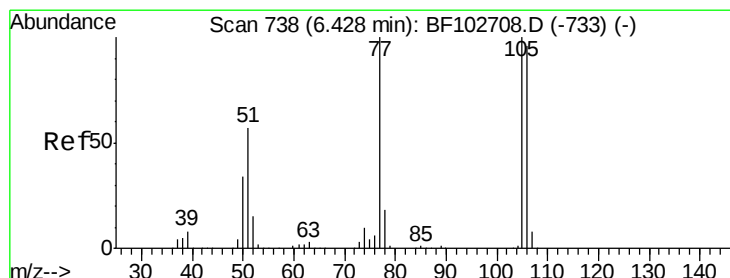
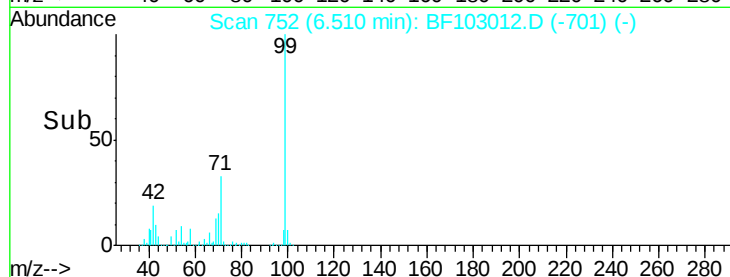
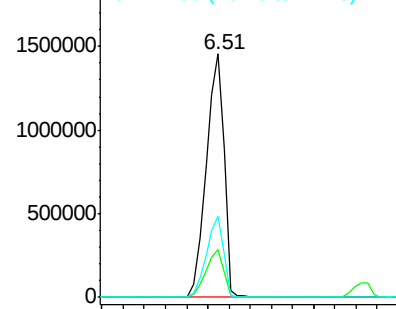
99 100

42 19.5 14.5 21.7

71 33.1 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



#9

Benzaldehyde

Concen: 2.936 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

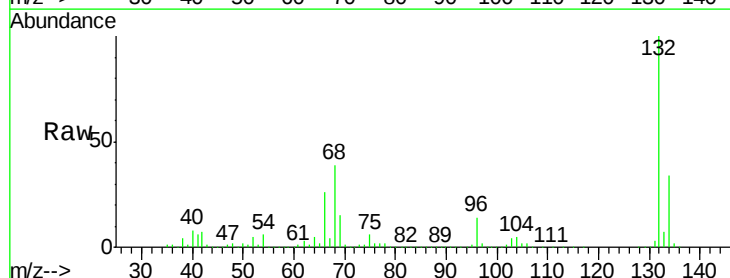
Tgt Ion: 77 Resp: 31068

Ion Ratio Lower Upper

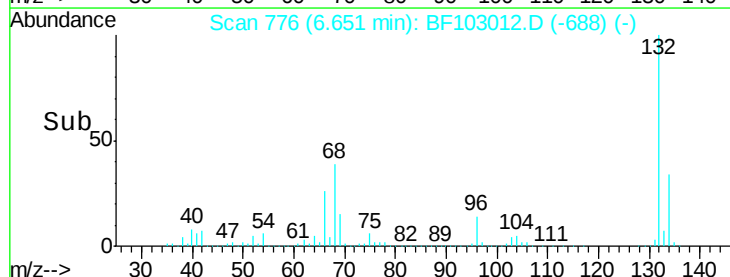
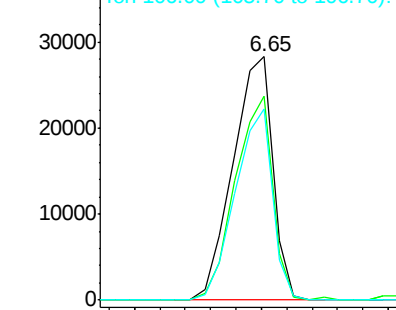
77 100

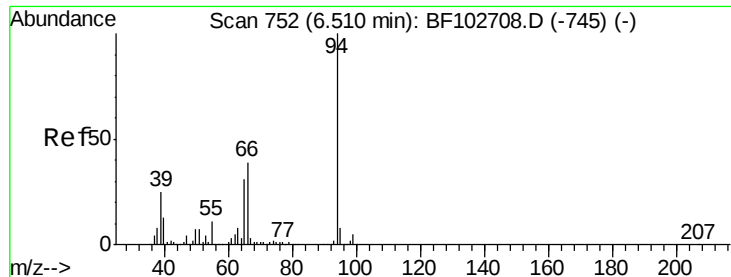
105 83.5 81.1 121.1

106 78.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

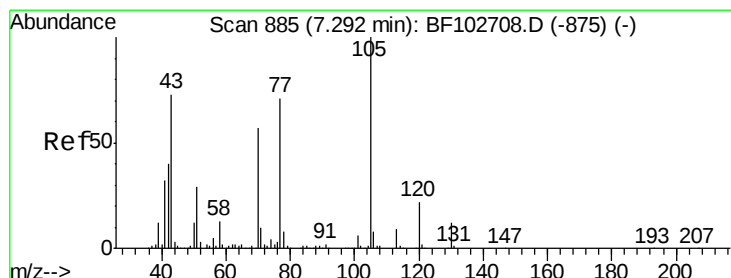
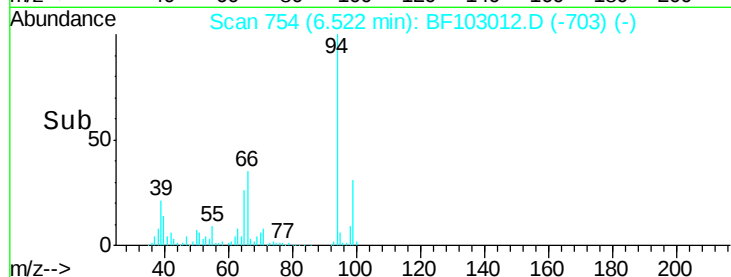
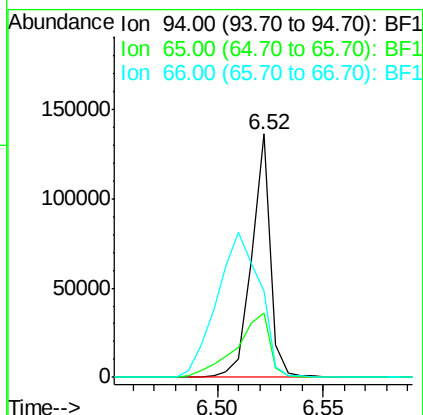
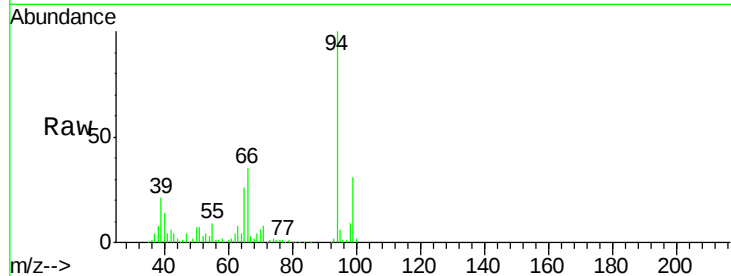




#10
Phenol
Concen: 5.501 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

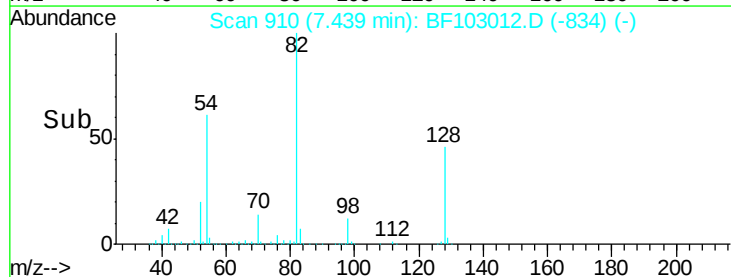
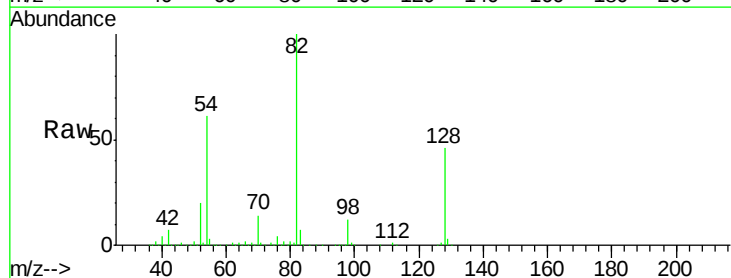
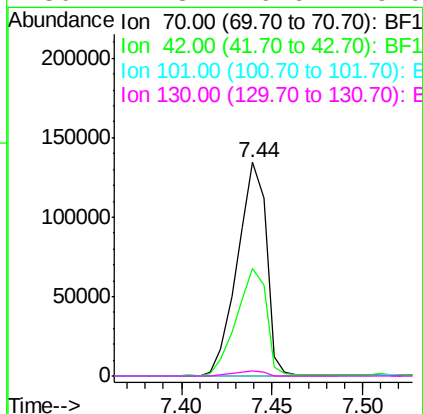
Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-EW@4

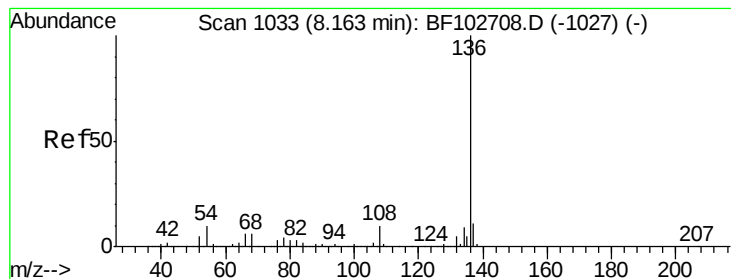
Tgt Ion: 94 Resp: 84007
Ion Ratio Lower Upper
94 100
65 26.4 7.9 47.9
66 35.5 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.060 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

Tgt Ion: 70 Resp: 150894
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 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: BF103012.D

Acq: 15 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-1-EW@4

Tgt Ion: 136 Resp: 756345

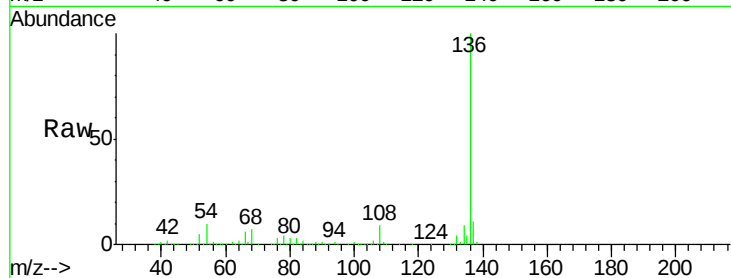
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 6.9 5.0 7.4

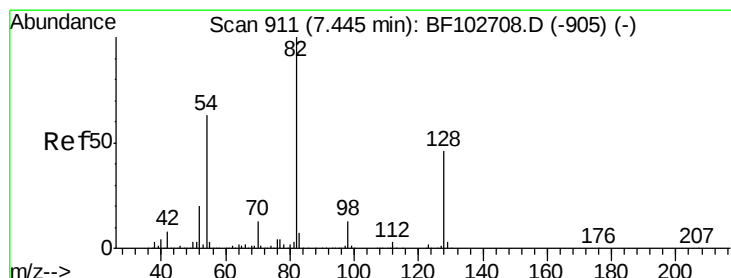
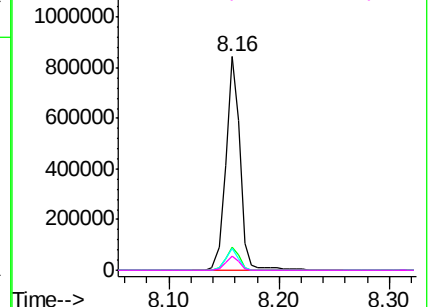
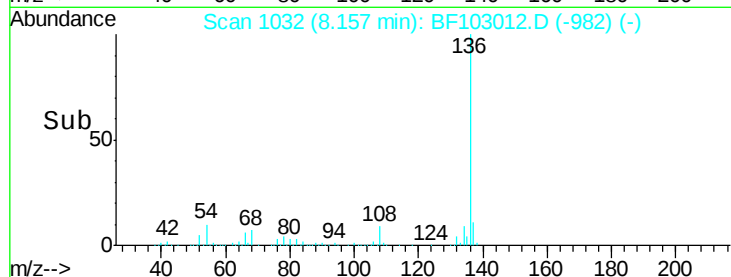


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 104.733 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

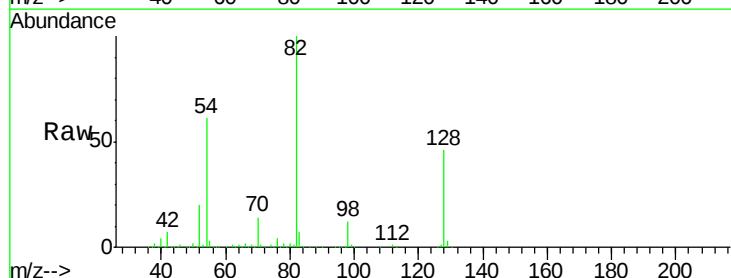
Tgt Ion: 82 Resp: 1141897

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

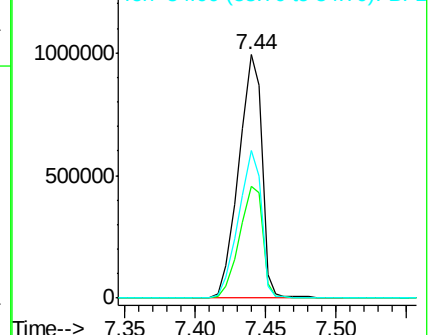
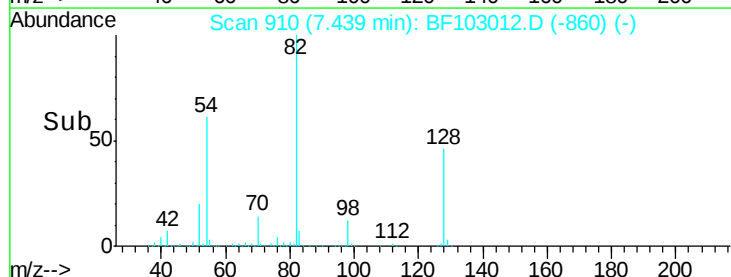
54 60.5 41.4 62.2

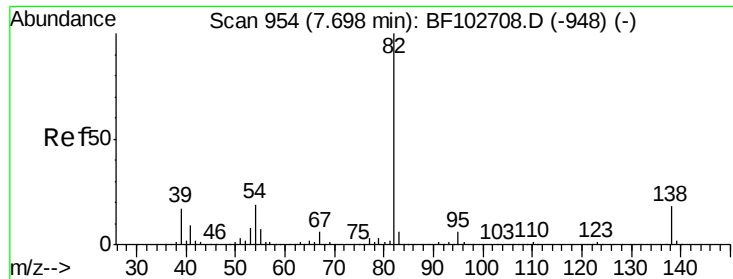


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.483 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-1-EW@4

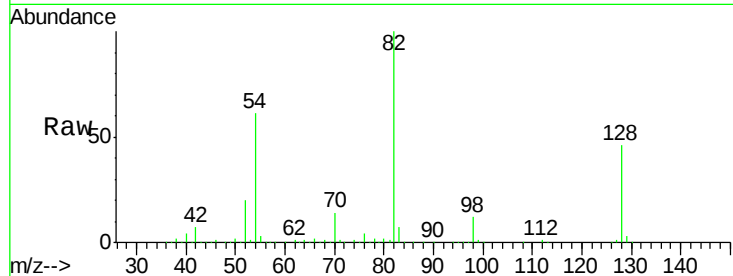
Tgt Ion: 82 Resp: 1141876

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

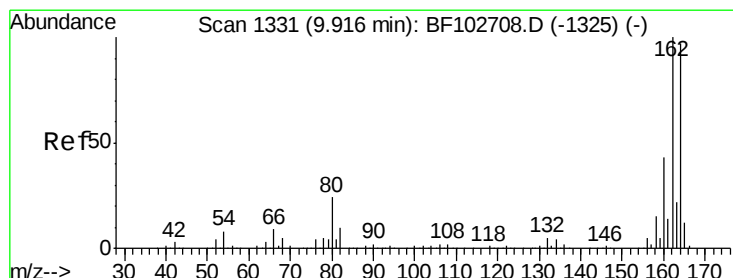
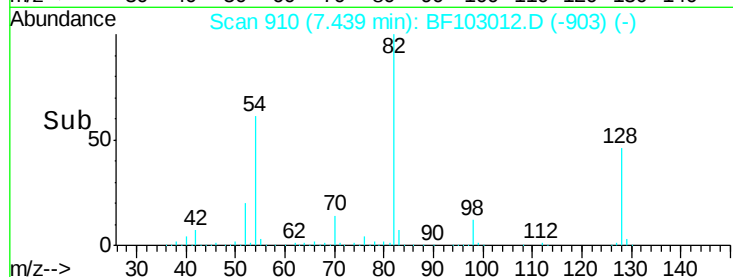
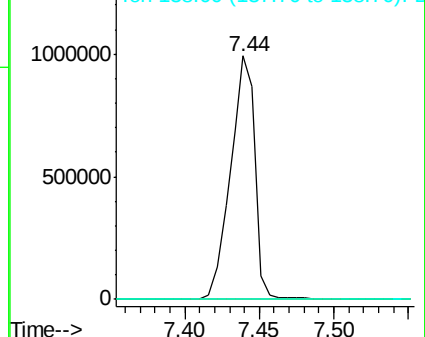
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

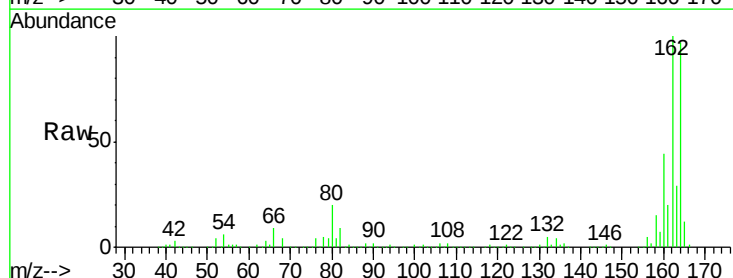
Tgt Ion: 164 Resp: 349246

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

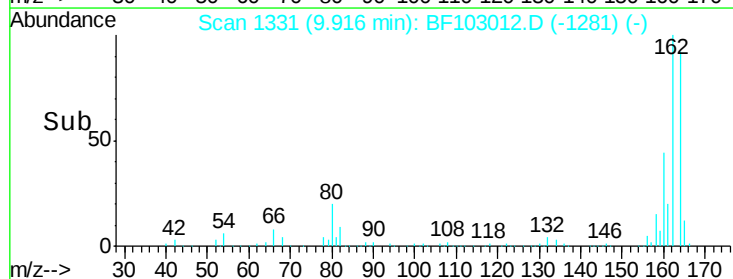
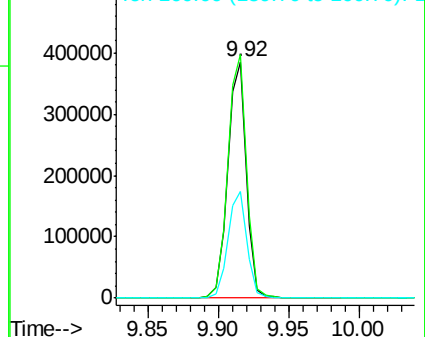
160 45.4 38.3 57.5

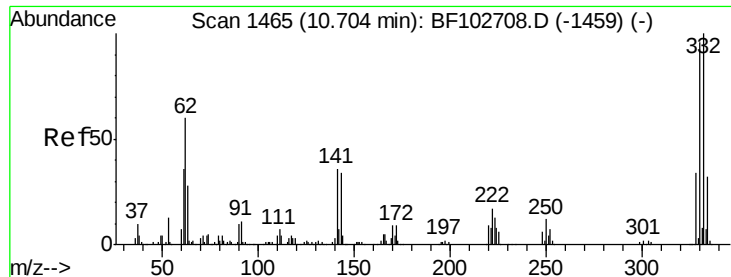


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

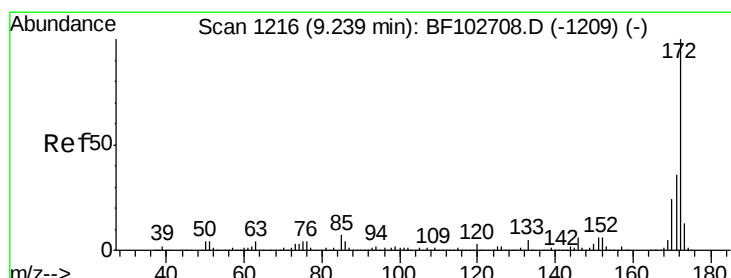
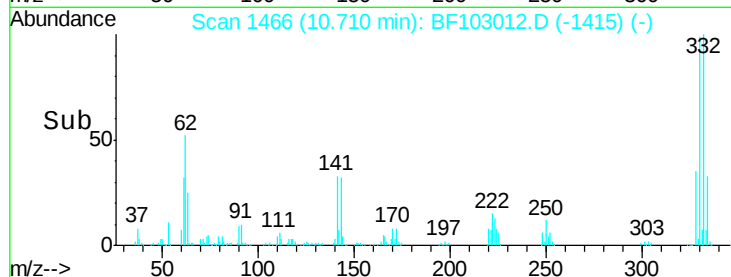
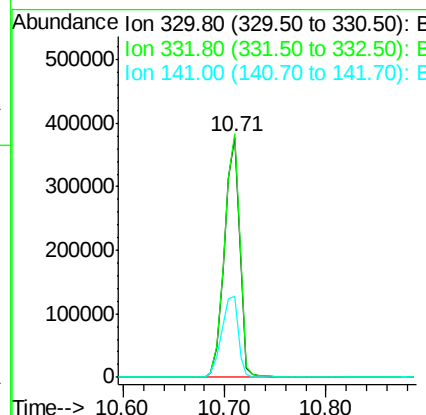
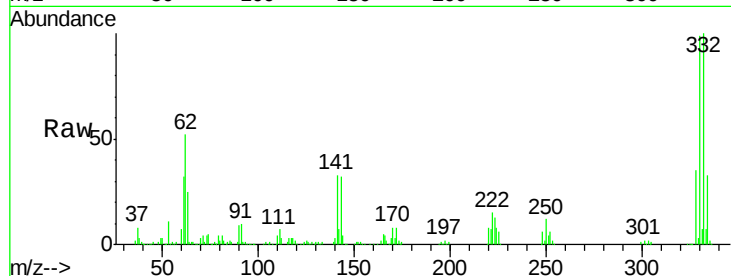




#41
 2,4,6-Tribromophenol
 Concen: 141.691 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103012.D
 Acq: 15 Feb 2018 12:42

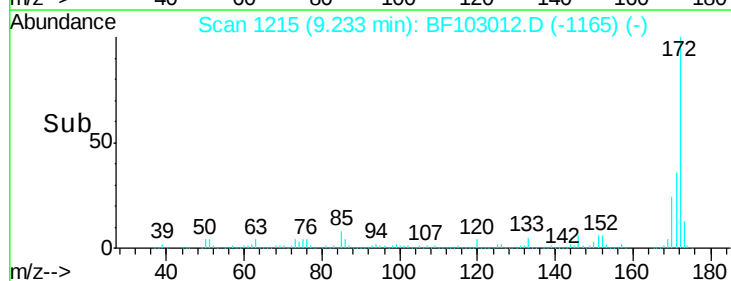
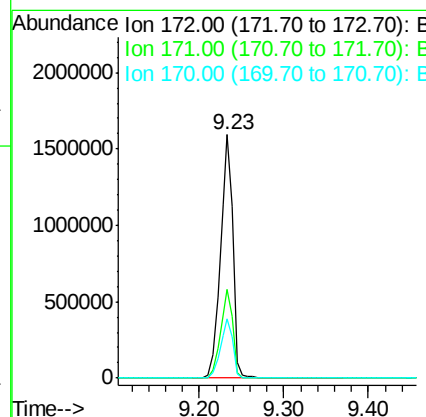
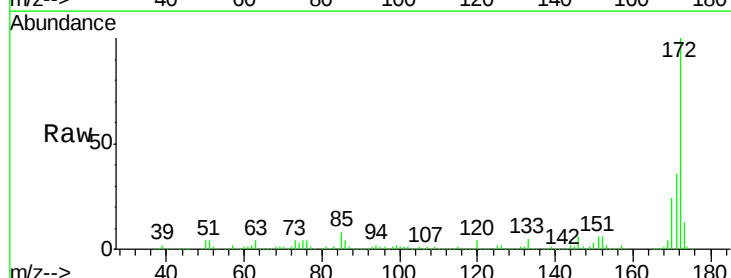
Instrument :
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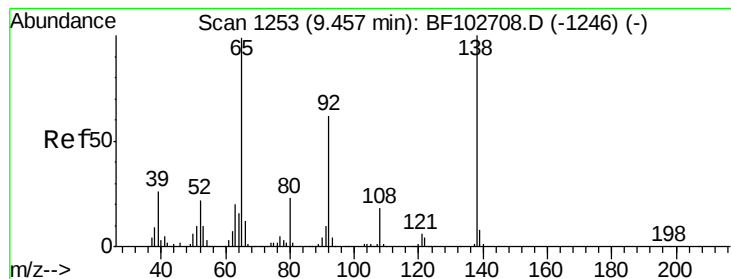
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	37.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 79.524 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103012.D
 Acq: 15 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4





#47

2-Nitroaniline

Concen: 3.695 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.16 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-1-EW@4

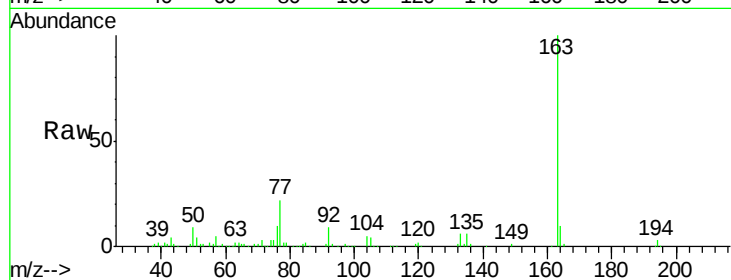
Tgt Ion: 65 Resp: 1719

Ion Ratio Lower Upper

65 100

92 691.1 55.8 83.6#

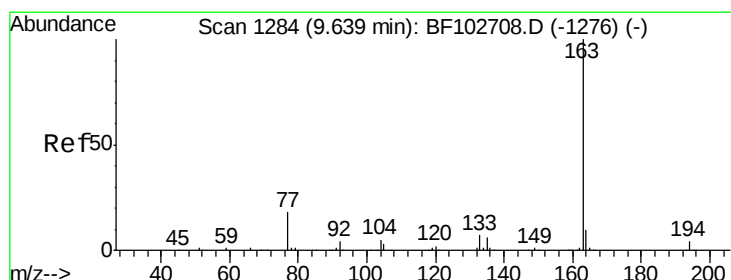
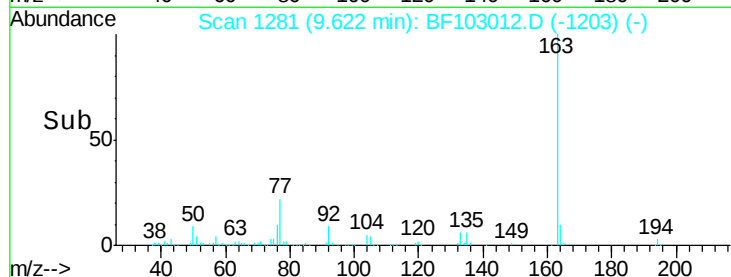
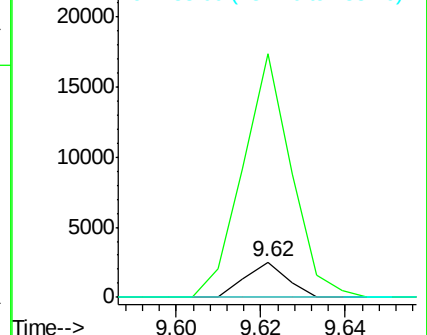
138 0.0 91.2 136.8#



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): BF1



#49

Dimethylphthalate

Concen: 5.968 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

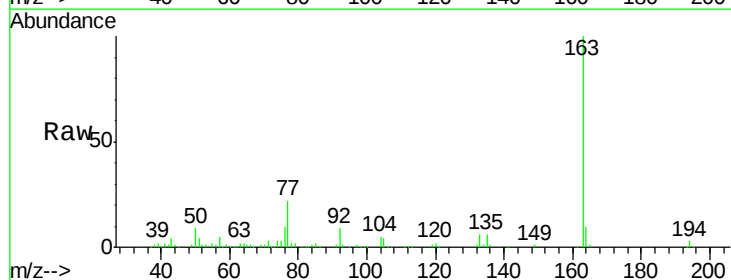
Tgt Ion:163 Resp: 162507

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

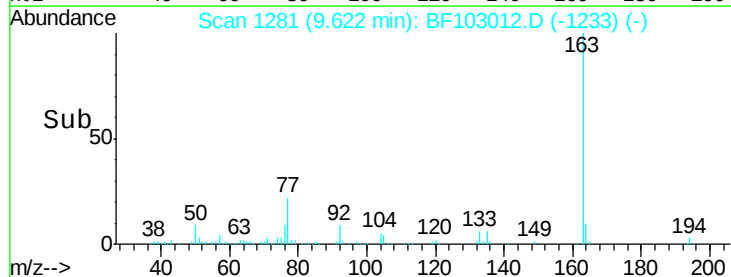
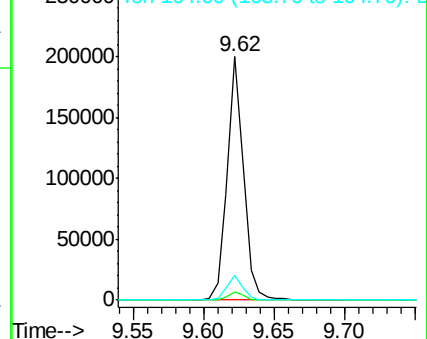
164 10.0 8.2 12.2

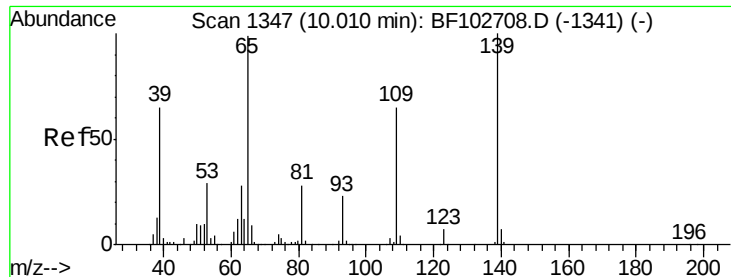


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

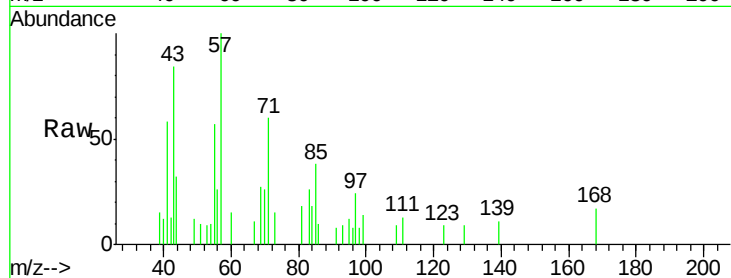




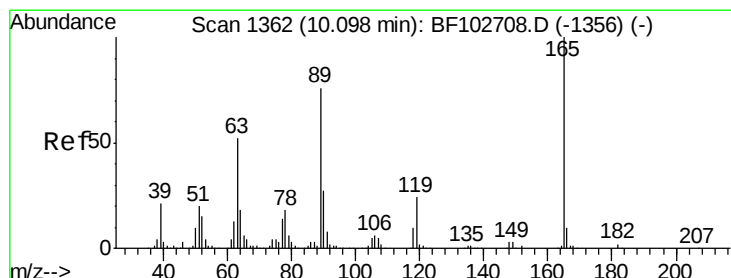
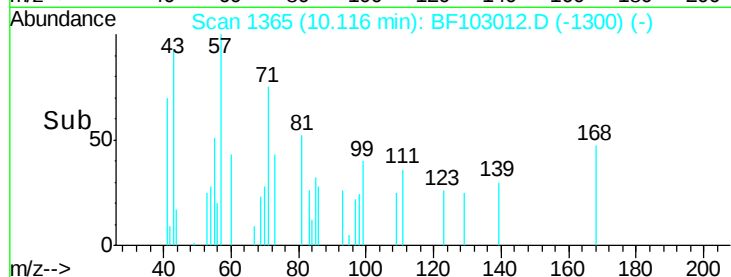
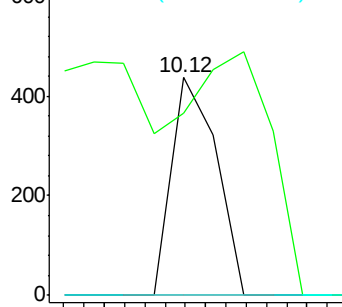
#55
4-Nitrophenol
Concen: 4.072 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-EW@4

Tgt Ion:139 Resp: 268
Ion Ratio Lower Upper
139 100
109 83.5 48.4 88.4
65 0.0 72.6 112.6#

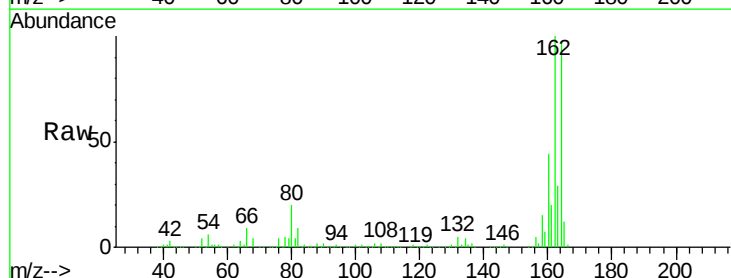


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

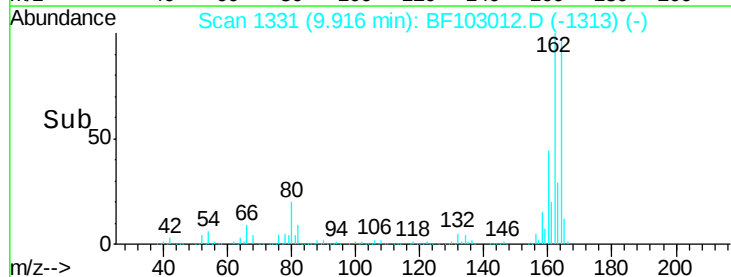
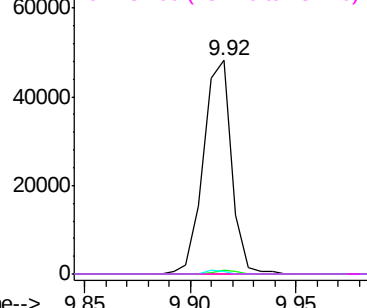


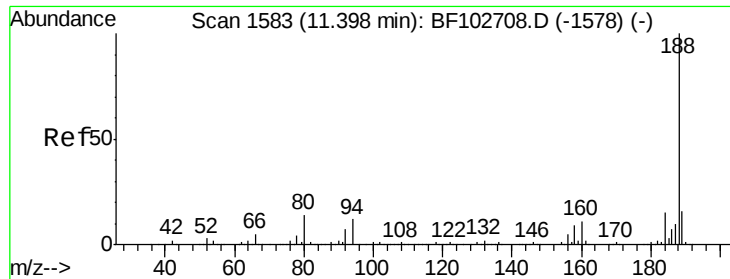
#56
2,4-Dinitrotoluene
Concen: 9.083 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

Tgt Ion:165 Resp: 44598
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#



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

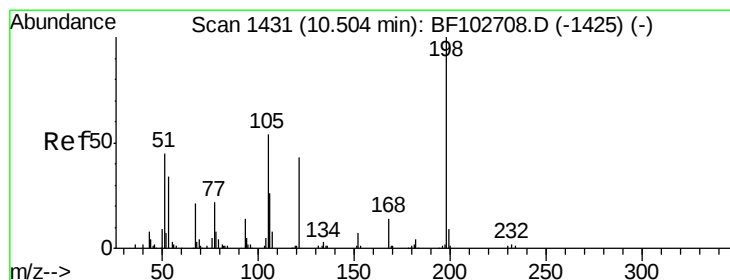
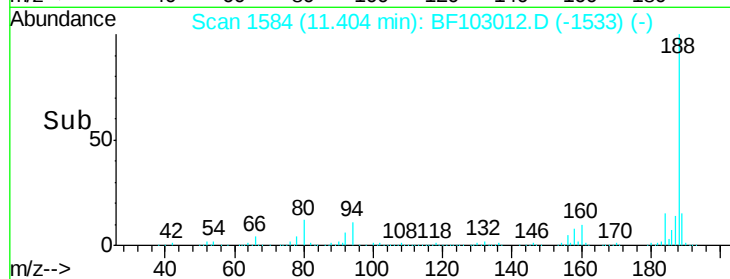
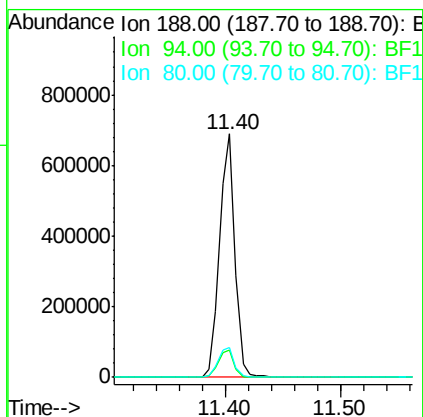
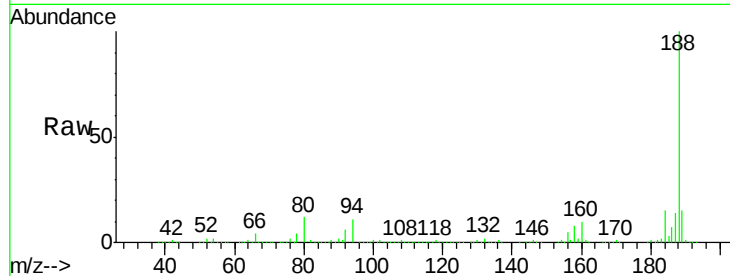




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

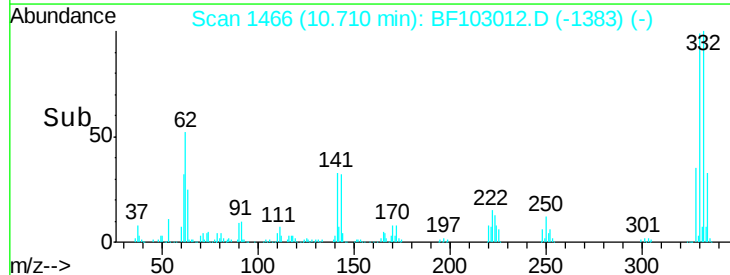
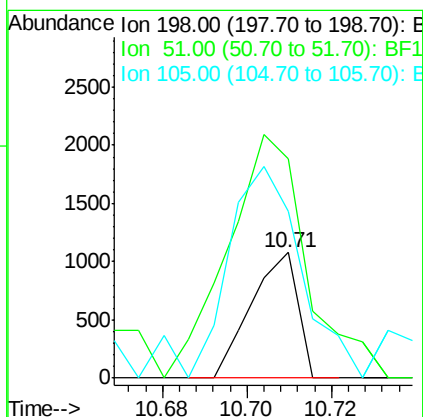
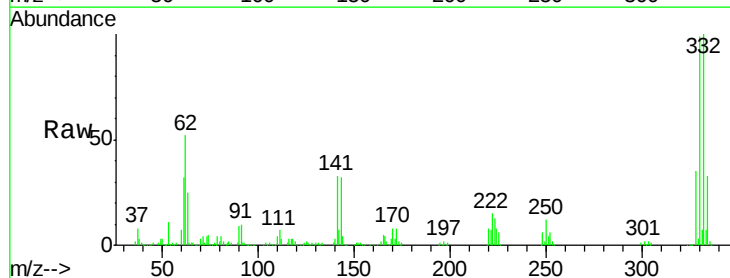
Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-1-EW@4

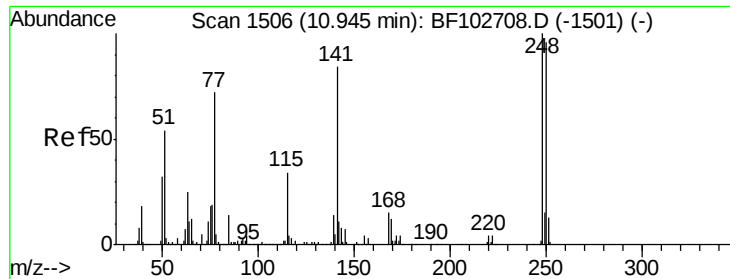
Tgt Ion:188 Resp: 638416
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.080 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103012.D
Acq: 15 Feb 2018 12:42

Tgt Ion:198 Resp: 827
Ion Ratio Lower Upper
198 100
51 175.2 37.7 77.7#
105 133.1 36.3 76.3#

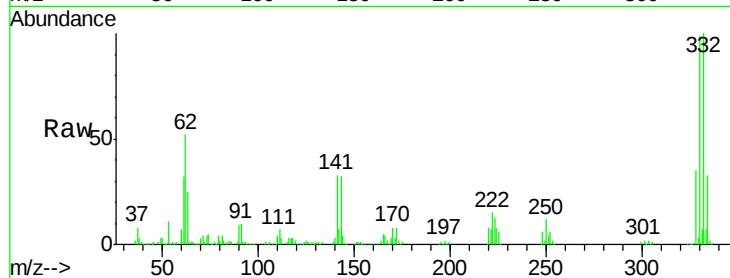




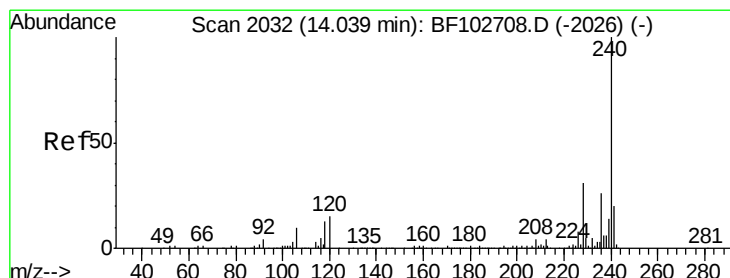
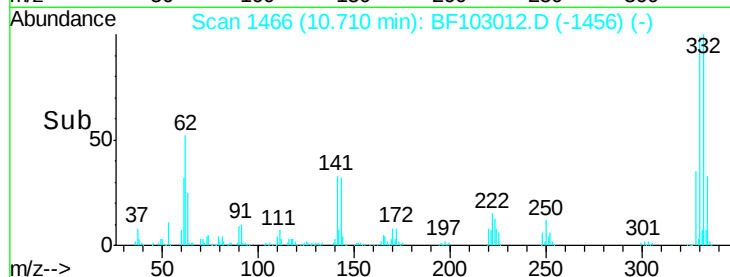
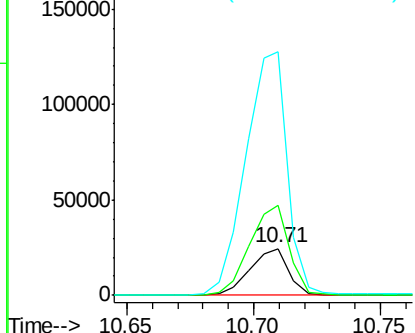
#66
 4-Bromophenyl-phenylether
 Concen: 3.829 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103012.D
 Acq: 15 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-1-EW@4

Tgt Ion: 248 Resp: 25861
 Ion Ratio Lower Upper
 248 100
 250 191.3 76.9 115.3#
 141 519.0 74.4 111.6#

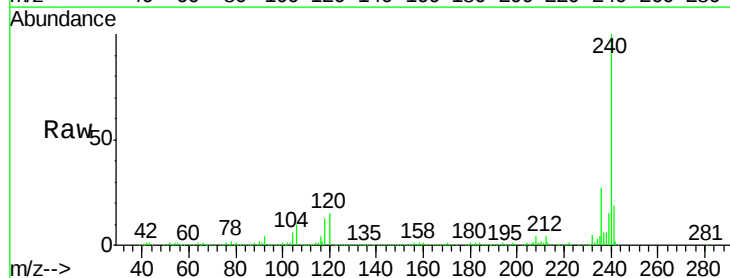


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

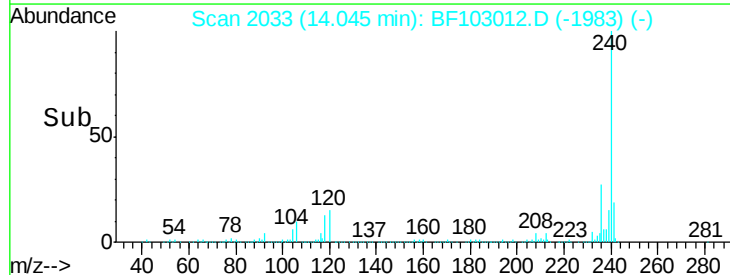
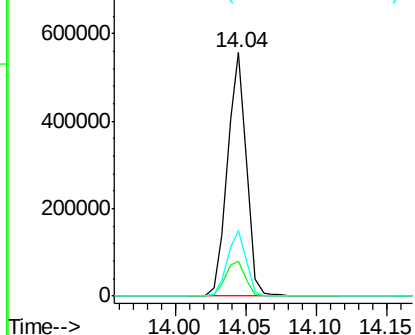


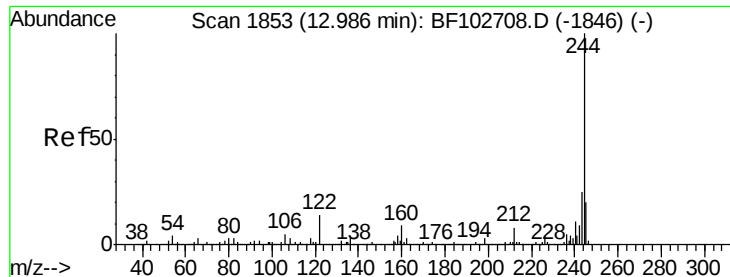
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103012.D
 Acq: 15 Feb 2018 12:42

Tgt Ion: 240 Resp: 517044
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 27.0 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: 74.689 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-1-EW@4

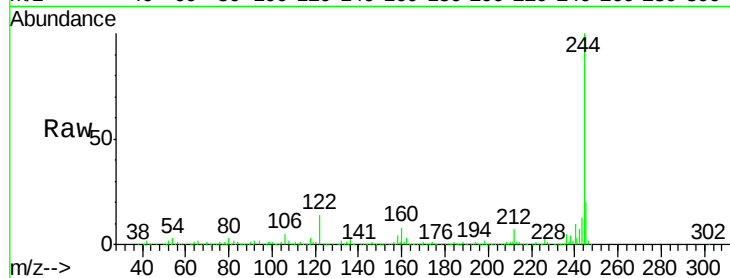
Tgt Ion:244 Resp: 1630964

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

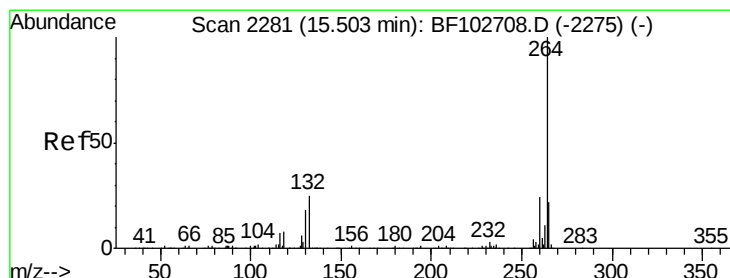
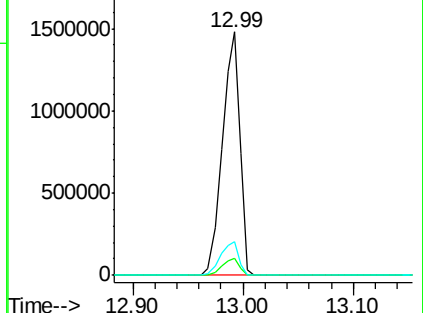
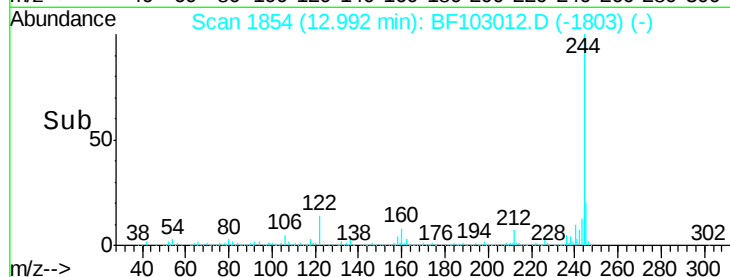
122 13.7 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF103012.D

Acq: 15 Feb 2018 12:42

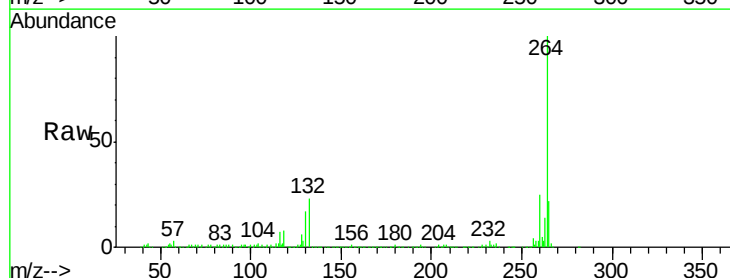
Tgt Ion:264 Resp: 450984

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.2 17.5 26.3



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

