

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103054.D
 Acq On : 16 Feb 2018 16:06
 Operator : SJ/JU
 Sample : J1539-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-1-SW@5

Quant Time: Feb 16 17:45:18 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186728	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	753943	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	305149	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	461729	20.00	ng	0.00
75) Chrysene-d12	14.04	240	316901	20.00	ng	-0.01
86) Perylene-d12	15.53	264	286051	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1471690	119.69	ng	0.01
7) Phenol-d6	6.52	99	1719503	116.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	1118432	102.91	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	282519	115.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1448623	78.77	ng	0.00
78) Terphenyl-d14	12.99	244	1066552	79.69	ng	0.00

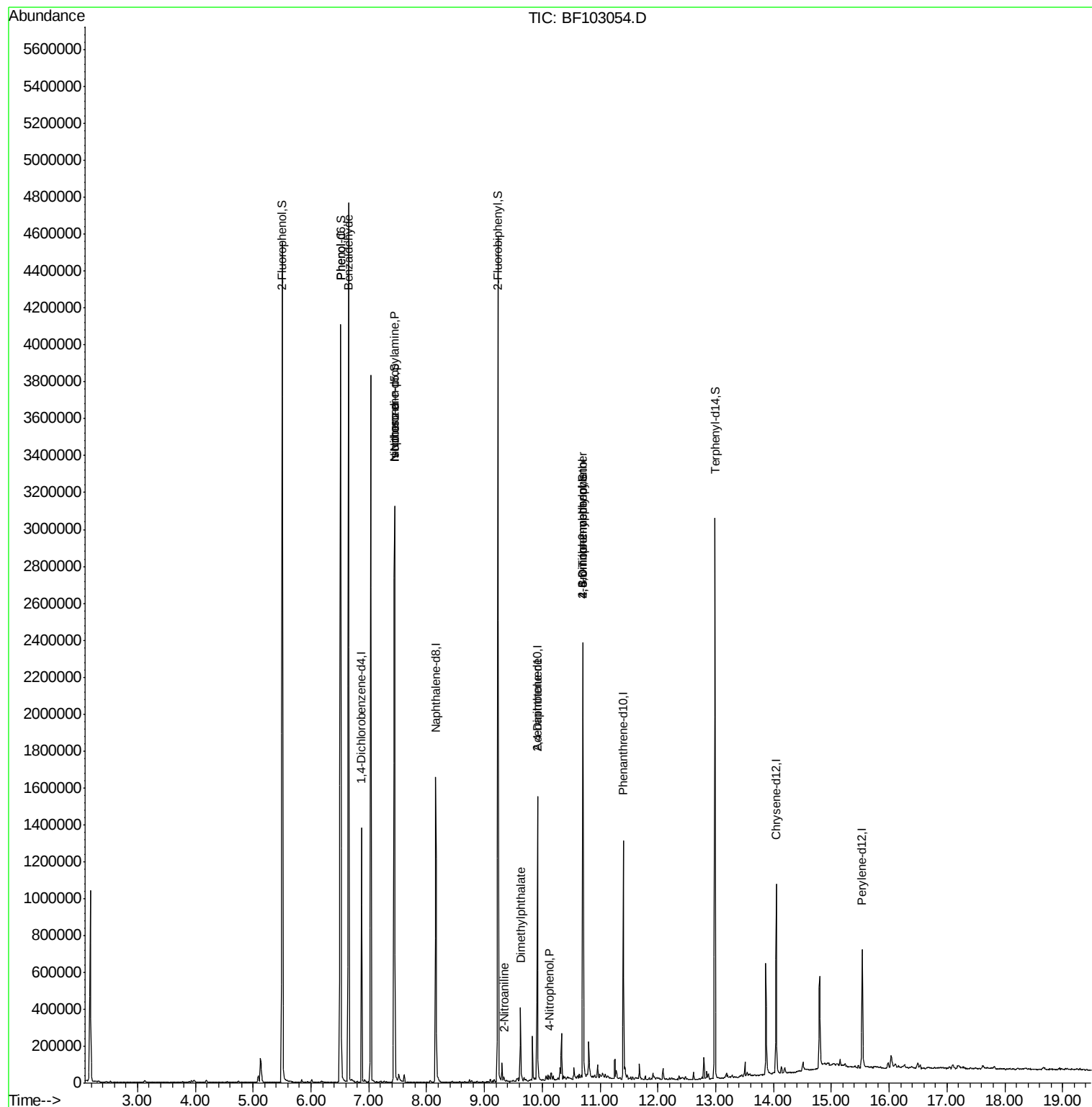
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	29539	2.687	ng	83
10) Phenol	6.52	94	56265	3.546	ng	# 74
19) n-Nitroso-di-n-propylamine	7.45	70	146421	15.001	ng	# 80
25) Isophorone	7.45	82	1118425	44.690	ng	# 64
47) 2-Nitroaniline	9.33	65	141	3.493	ng	# 2
49) Dimethylphthalate	9.62	163	140687	5.913	ng	100
55) 4-Nitrophenol	10.12	139	425	4.112	ng	# 34
56) 2,4-Dinitrotoluene	9.92	165	39805	9.212	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	681	9.120	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	18522	3.792	ng	# 1

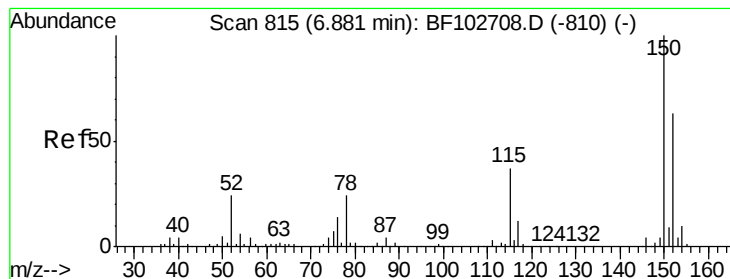
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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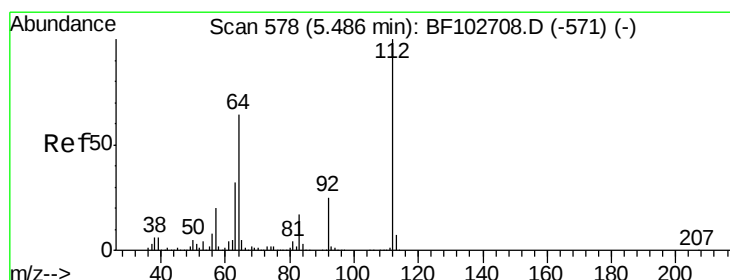
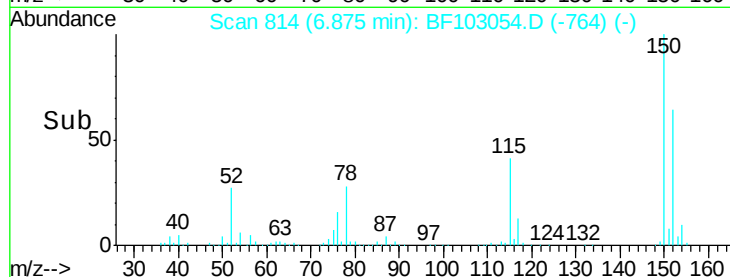
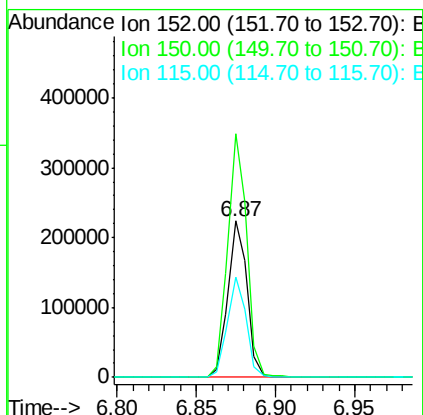
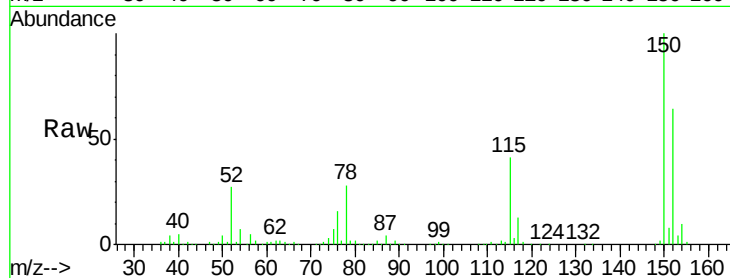


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-SW@5

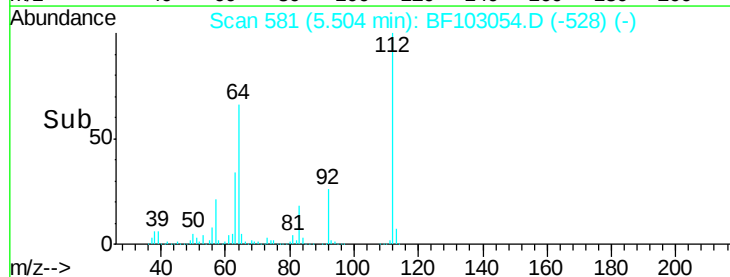
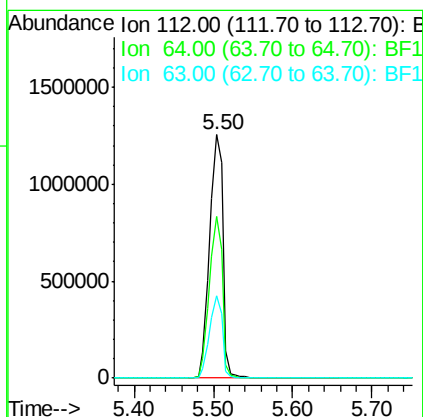
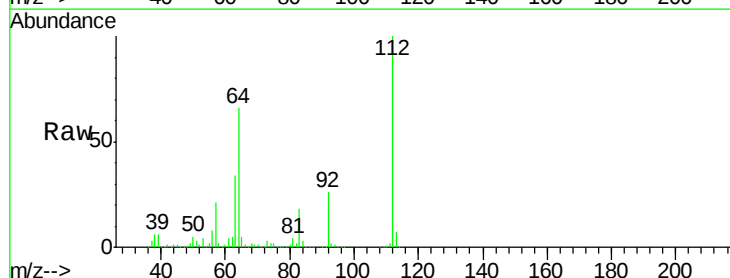
Tgt Ion:152 Resp: 186728
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 64.0 50.1 75.1



#5

2-Fluorophenol
Concen: 119.693 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

Tgt Ion:112 Resp: 1471690
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 33.7 23.7 35.5





#7

Phenol-d6

Concen: 116.146 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-1-SW@5

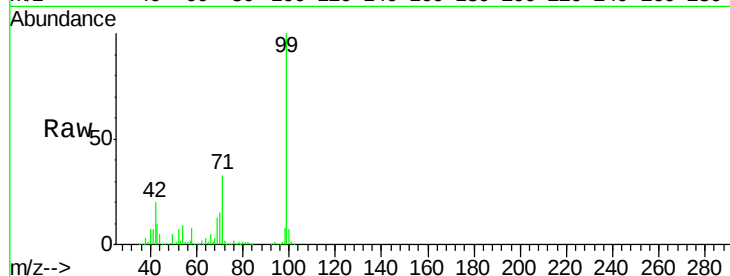
Tgt Ion: 99 Resp: 1719503

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

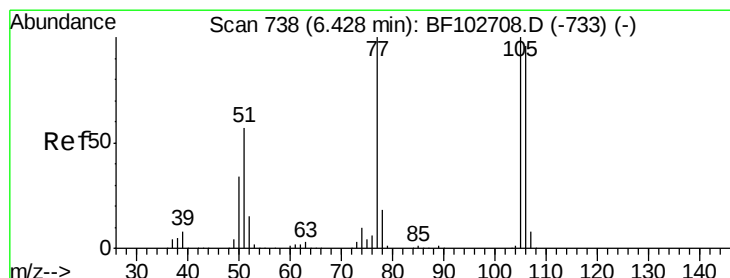
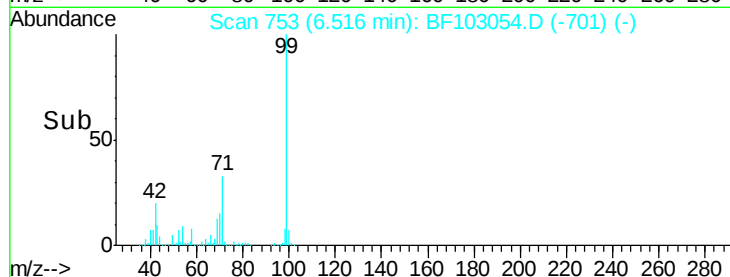
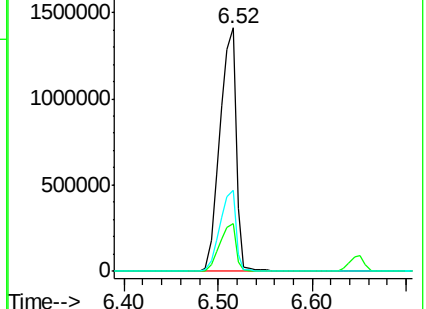
71 33.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.687 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.22 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

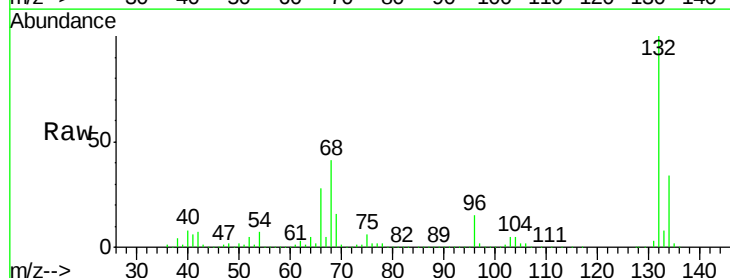
Tgt Ion: 77 Resp: 29539

Ion Ratio Lower Upper

77 100

105 84.8 81.1 121.1

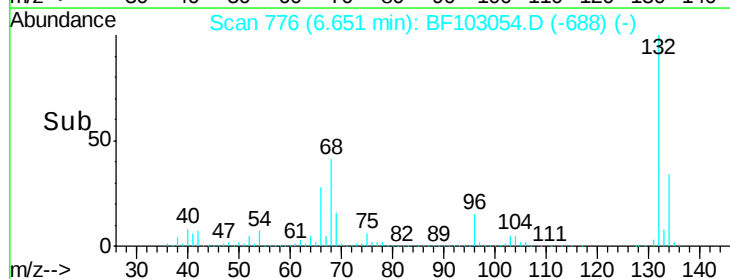
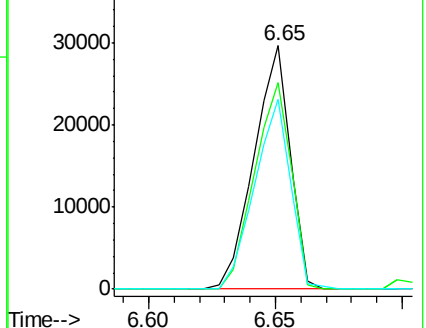
106 78.0 74.5 114.5

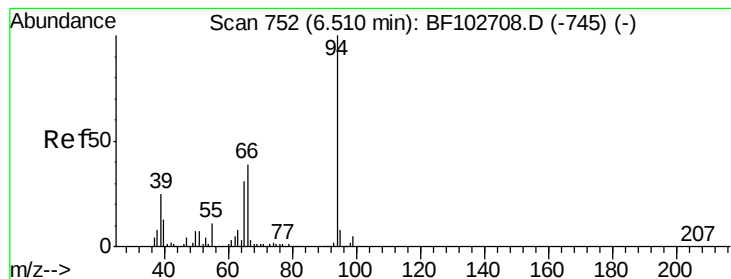


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.546 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-1-SW@5

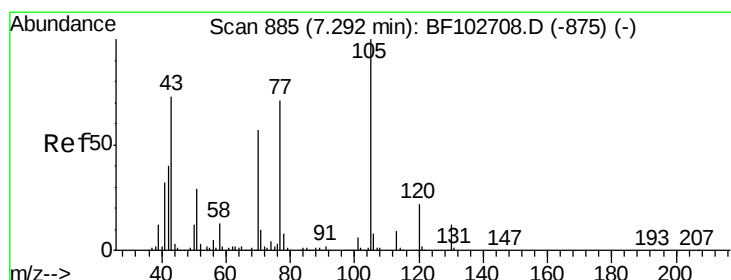
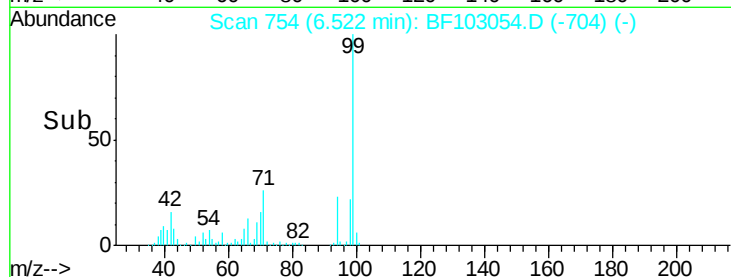
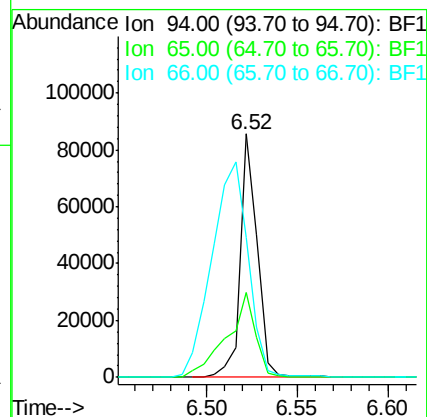
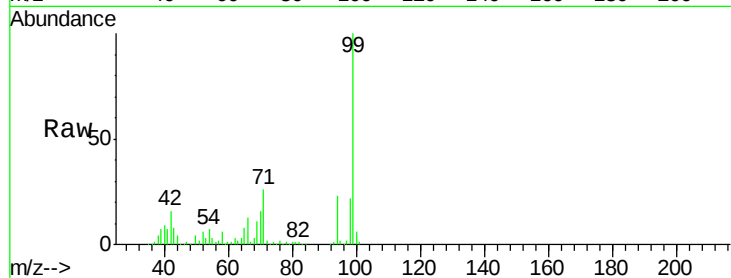
Tgt Ion: 94 Resp: 56265

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

66 57.6 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.001 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

Tgt Ion: 70 Resp: 146421

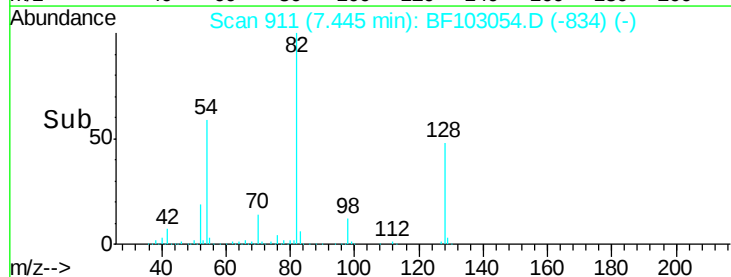
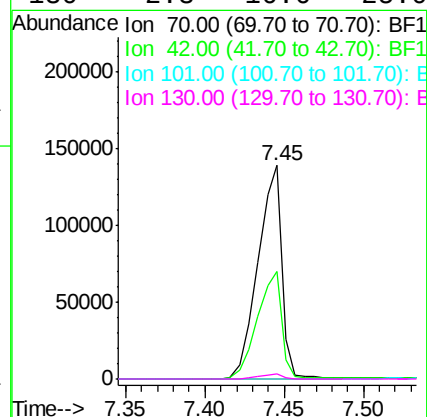
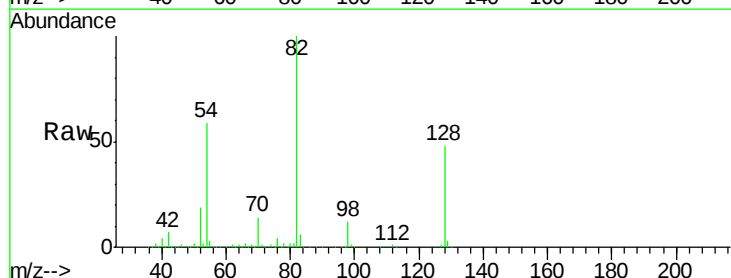
Ion Ratio Lower Upper

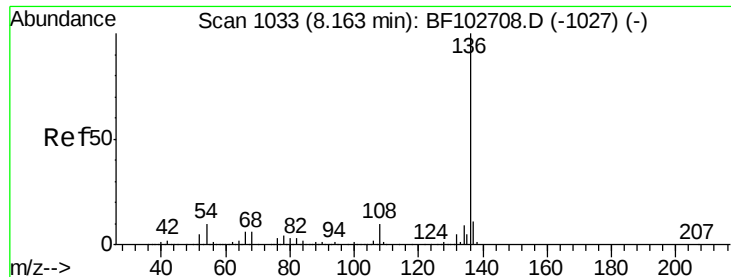
70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

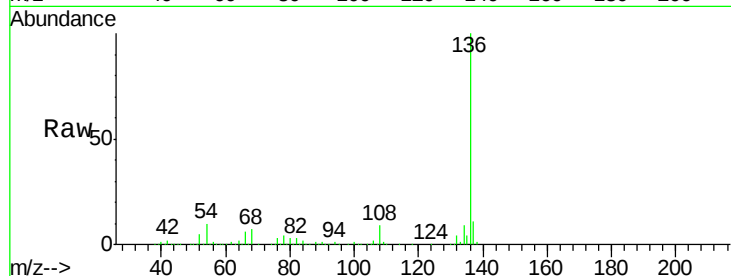




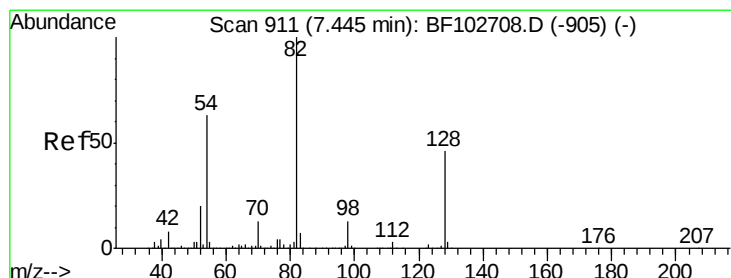
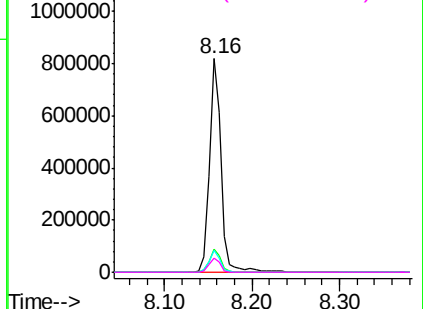
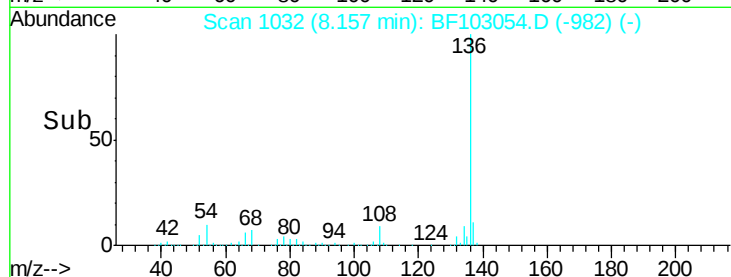
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-SW@5

Tgt Ion:	136	Resp:	753943
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.0	6.6	9.8#
68	6.5	5.0	7.4

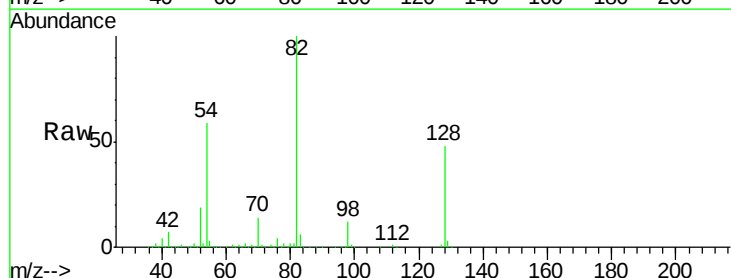


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

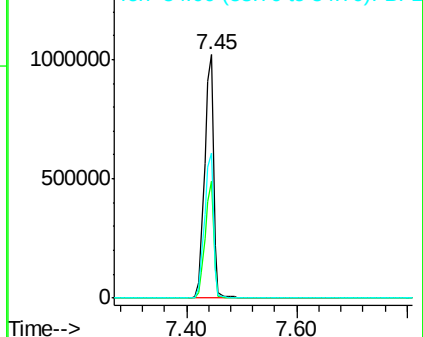
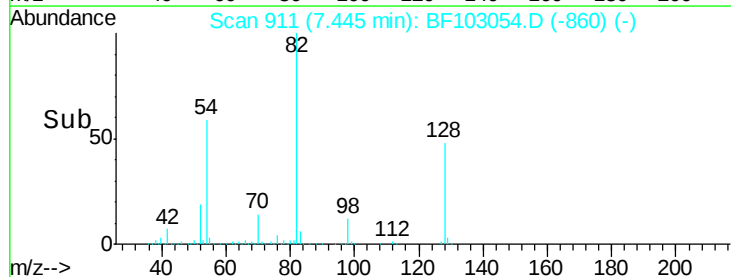


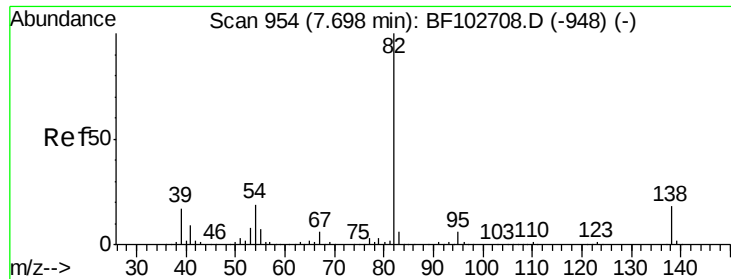
#23
Nitrobenzene-d5
Concen: 102.907 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

Tgt Ion:	82	Resp:	1118432
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	59.4	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: 44.690 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.25 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-1-SW@5

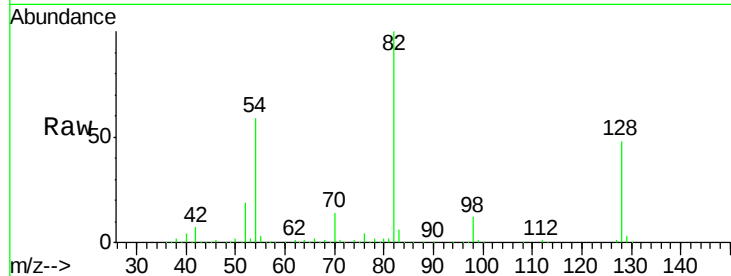
Tgt Ion: 82 Resp: 1118425

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

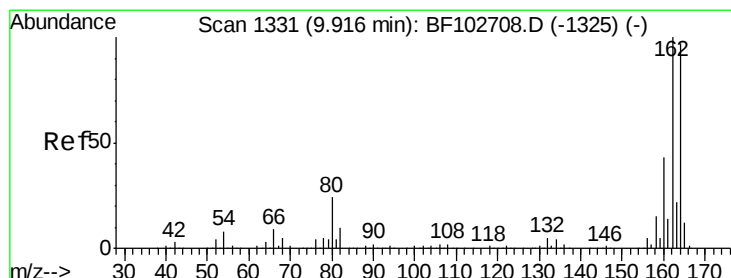
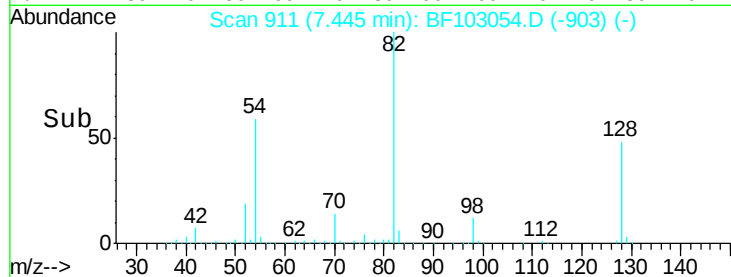
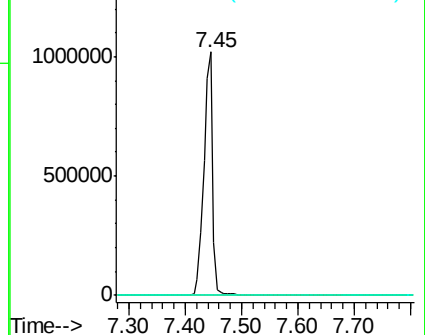
138 0.0 14.9 22.3#



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: BF103054.D

Acq: 16 Feb 2018 16:06

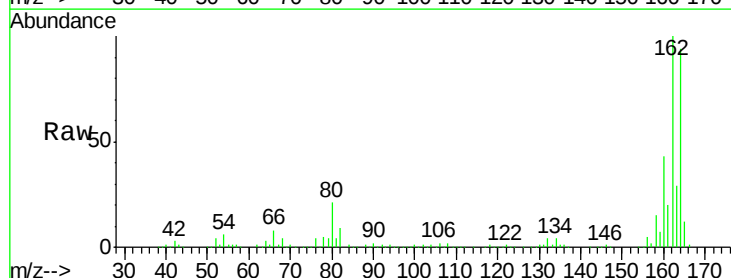
Tgt Ion: 164 Resp: 305149

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

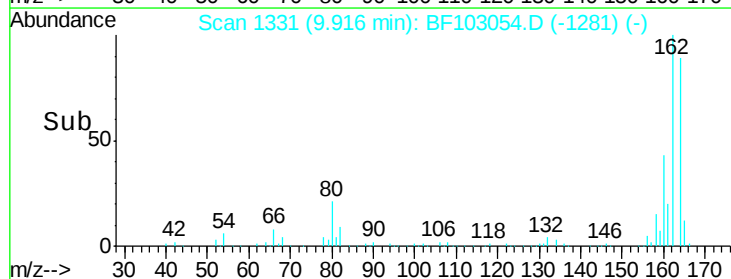
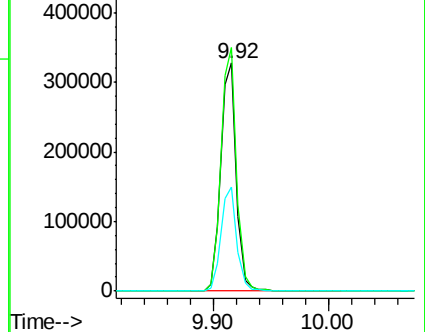
160 46.0 38.3 57.5

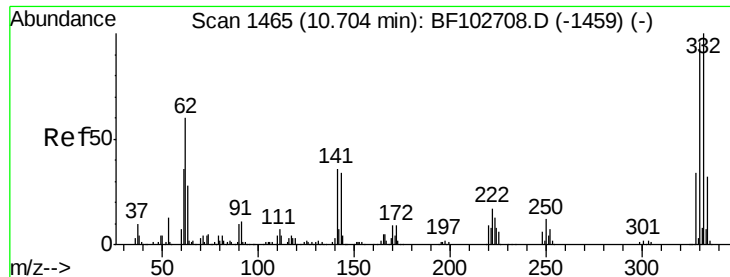


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

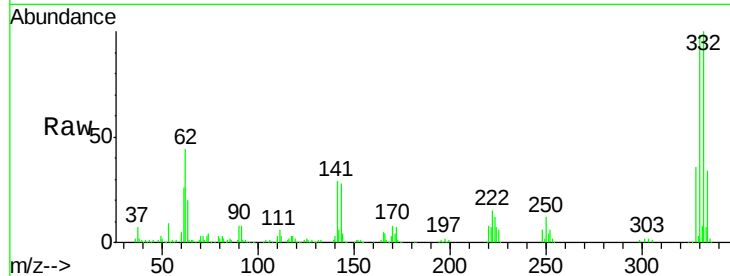




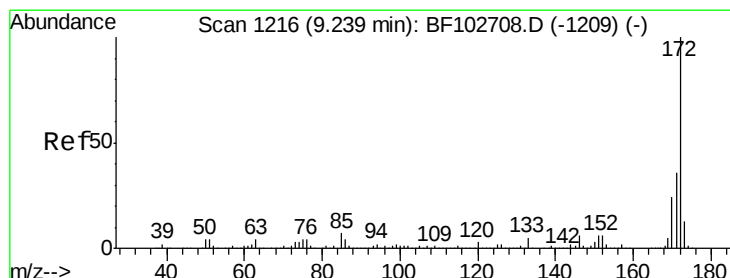
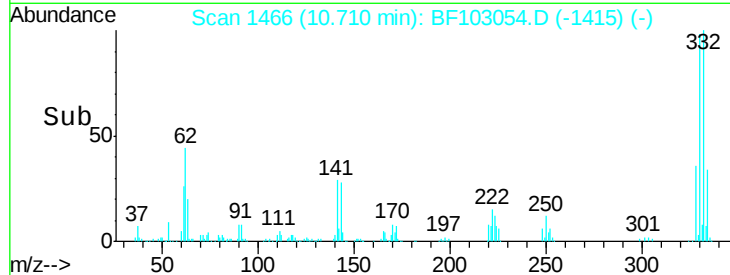
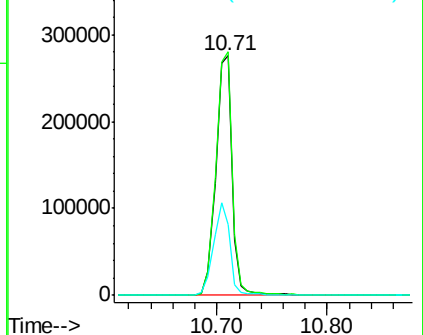
#41
 2,4,6-Tribromophenol
 Concen: 115.028 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103054.D
 Acq: 16 Feb 2018 16:06

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Tgt Ion:330 Resp: 282519
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 38.5 29.9 44.9

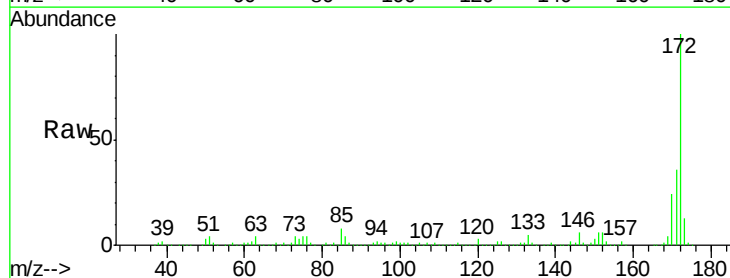


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

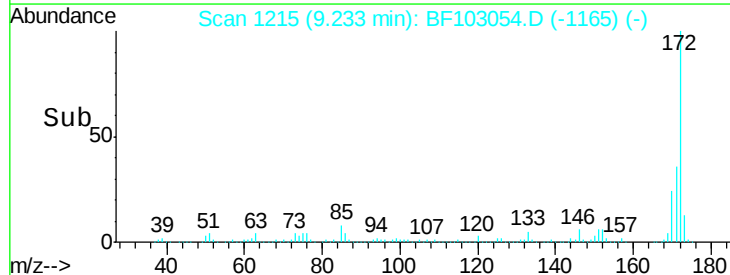
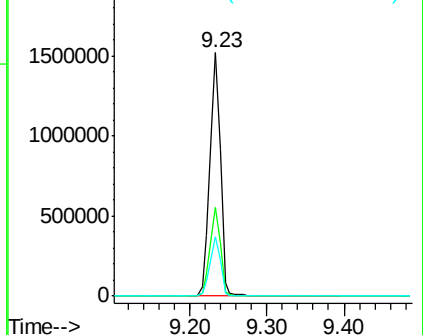


#44
 2-Fluorobiphenyl
 Concen: 78.774 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103054.D
 Acq: 16 Feb 2018 16:06

Tgt Ion:172 Resp: 1448623
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 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

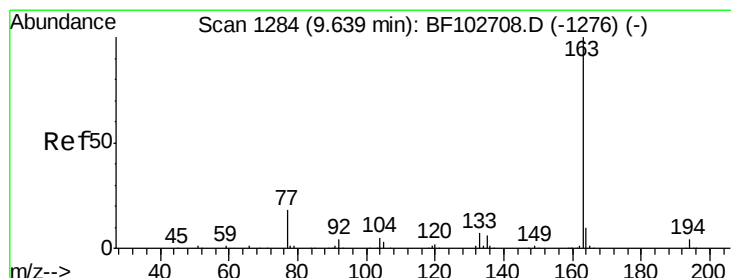
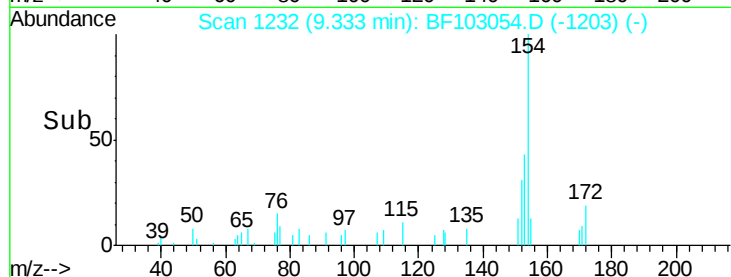
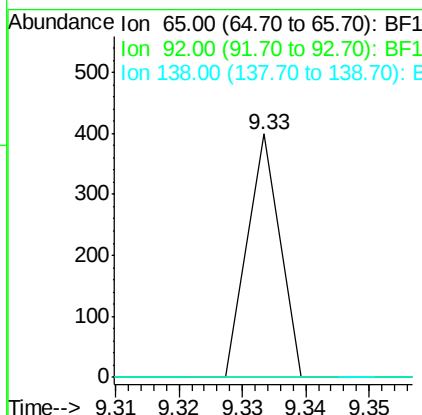
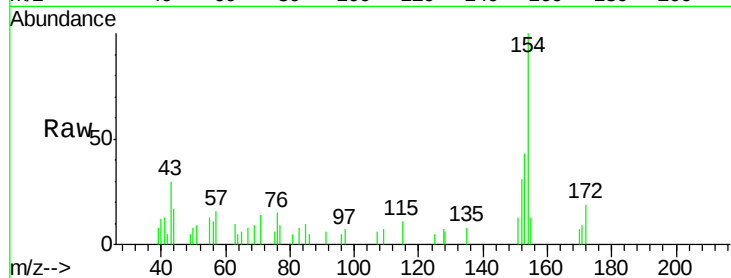




#47
2-Nitroaniline
Concen: 3.493 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.13 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

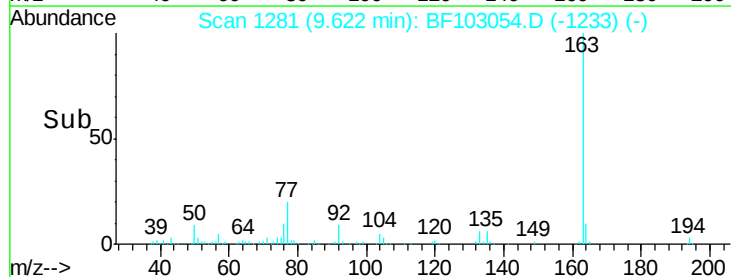
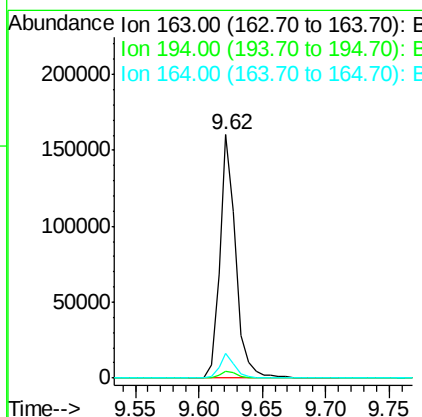
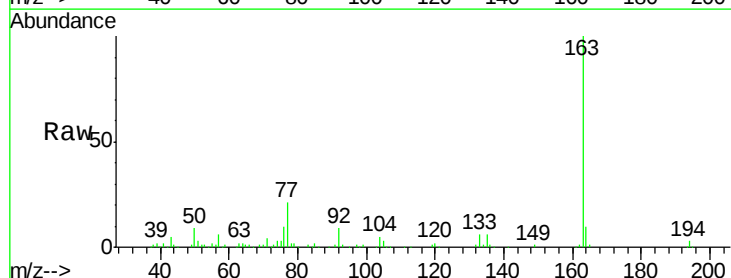
Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-SW@5

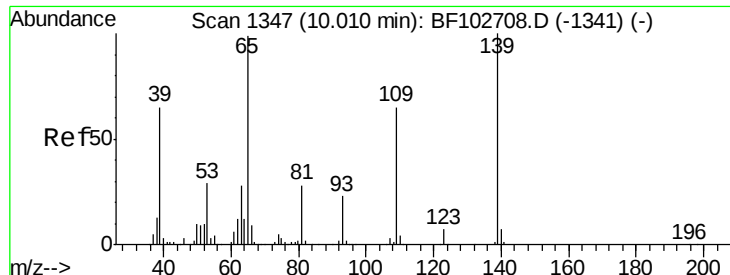
Tgt Ion: 65 Resp: 141
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 5.913 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

Tgt Ion: 163 Resp: 140687
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.1 8.2 12.2

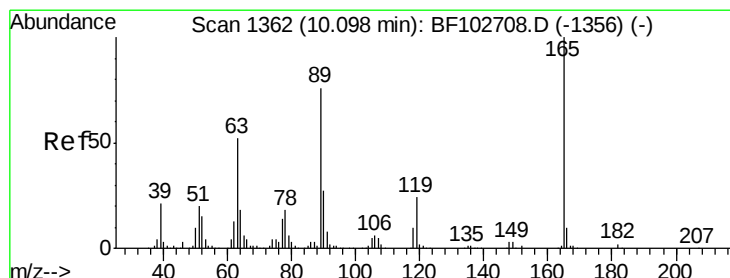
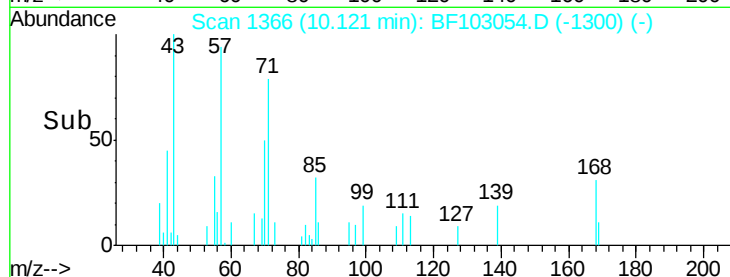
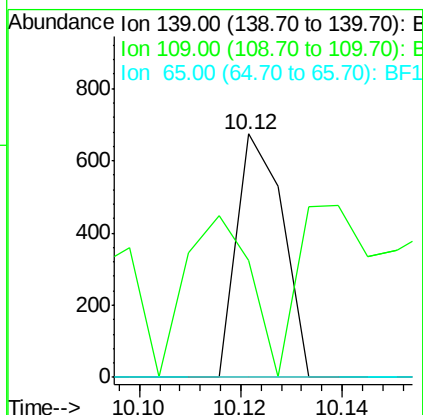
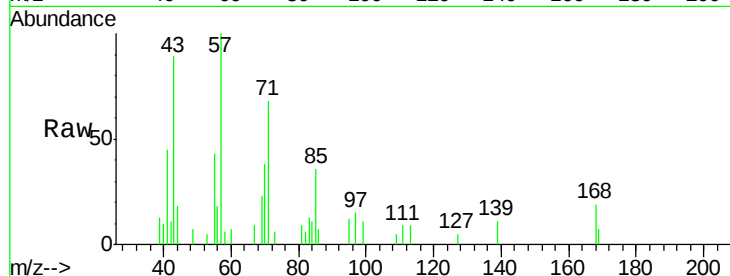




#55
4-Nitrophenol
Concen: 4.112 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

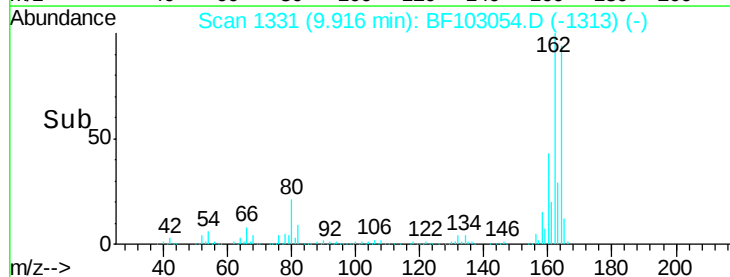
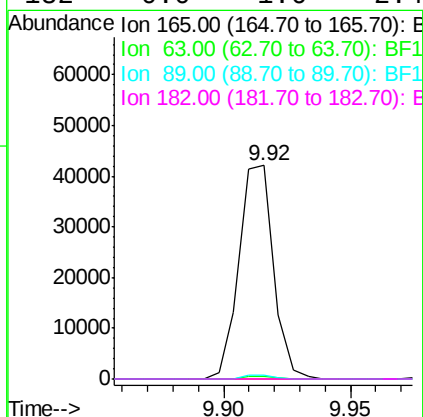
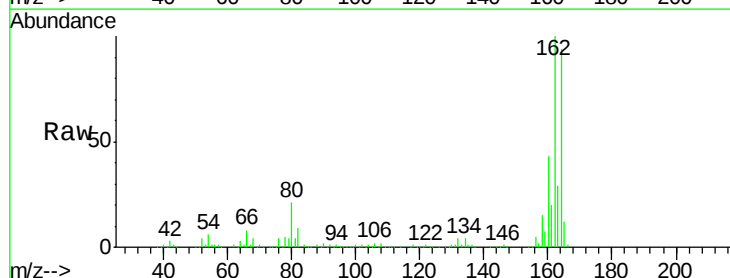
Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-1-SW@5

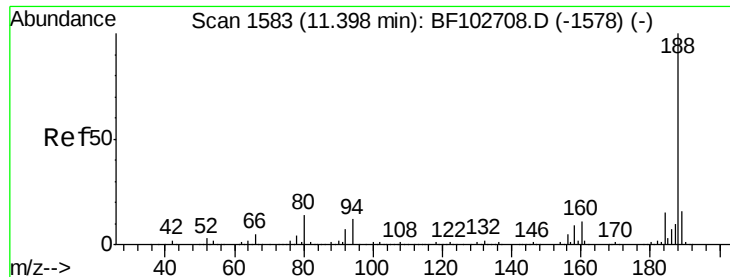
Tgt Ion:139 Resp: 425
Ion Ratio Lower Upper
139 100
109 47.9 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.212 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103054.D
Acq: 16 Feb 2018 16:06

Tgt Ion:165 Resp: 39805
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#

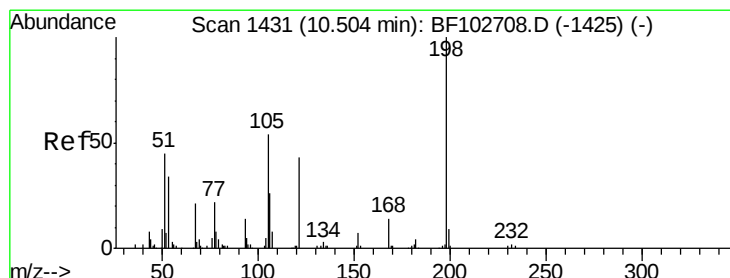
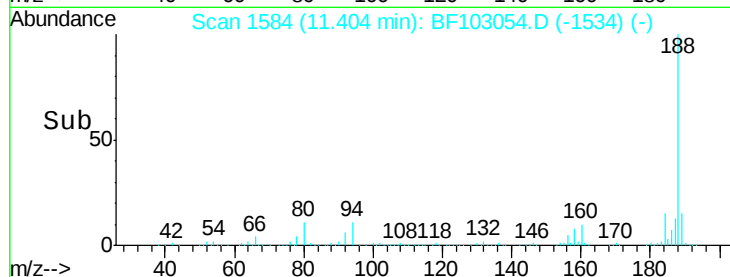
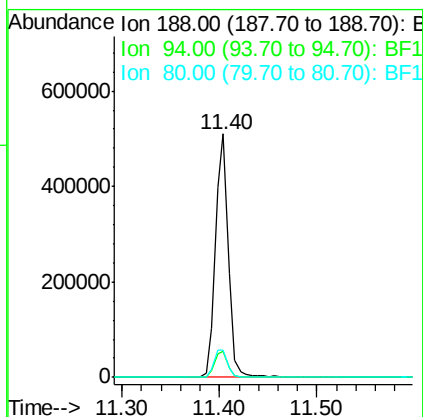
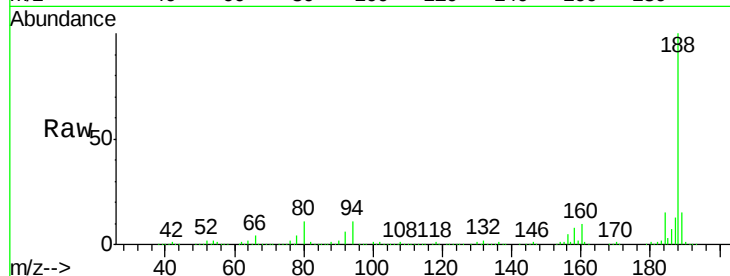




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103054.D
 Acq: 16 Feb 2018 16:06

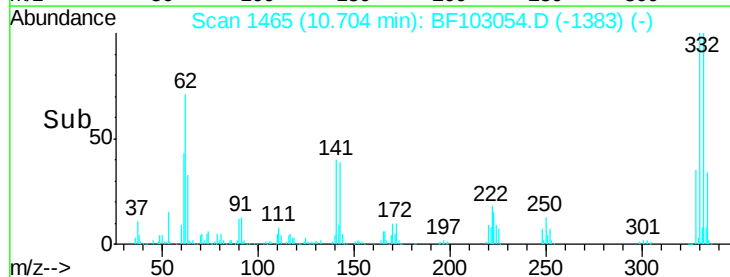
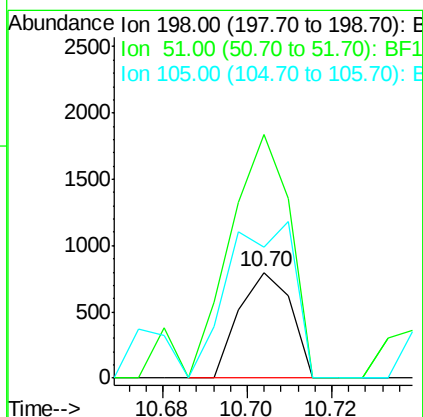
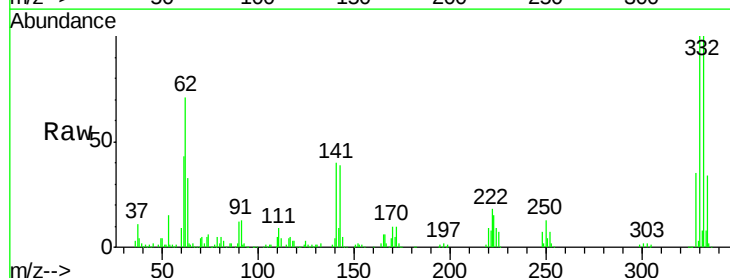
Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-1-SW@5

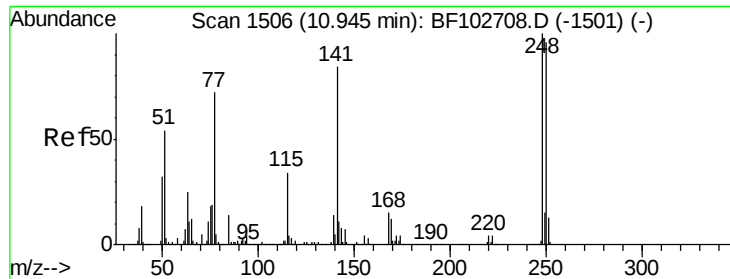
Tgt Ion:188 Resp: 461729
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.120 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103054.D
 Acq: 16 Feb 2018 16:06

Tgt Ion:198 Resp: 681
 Ion Ratio Lower Upper
 198 100
 51 230.8 37.7 77.7#
 105 124.6 36.3 76.3#

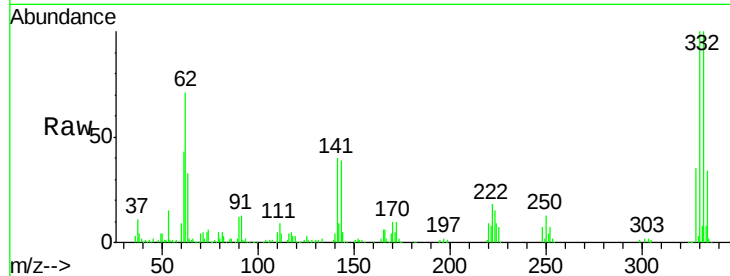




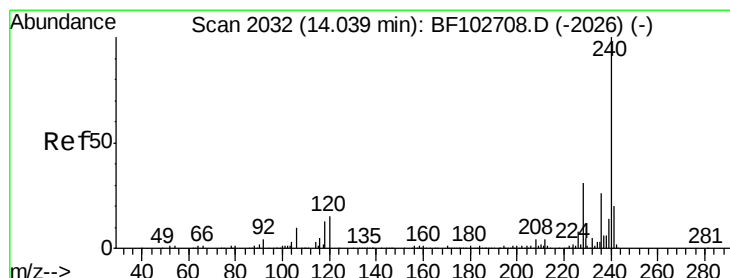
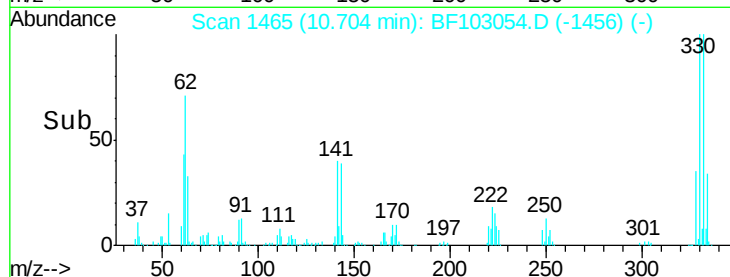
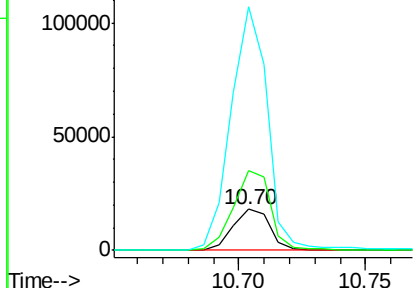
#66
 4-Bromophenyl-phenylether
 Concen: 3.792 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF103054.D
 Acq: 16 Feb 2018 16:06

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-1-SW@5

Tgt Ion:248 Resp: 18522
 Ion Ratio Lower Upper
 248 100
 250 194.2 76.9 115.3#
 141 595.2 74.4 111.6#

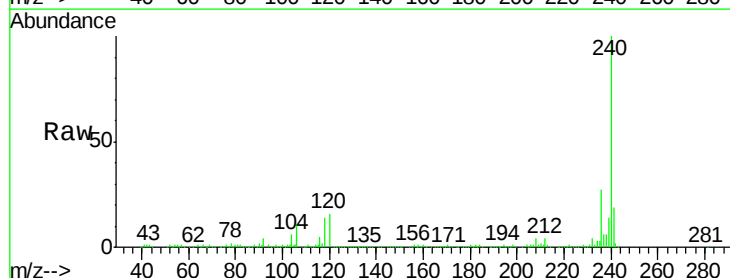


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

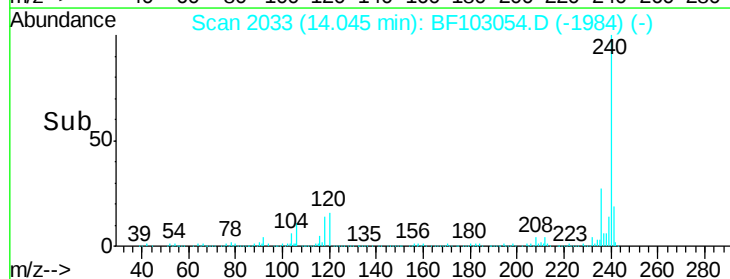
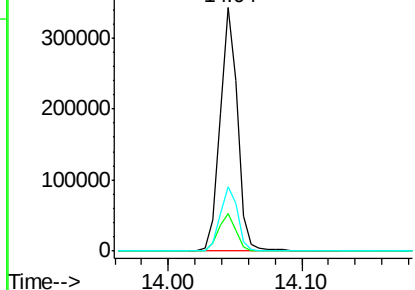


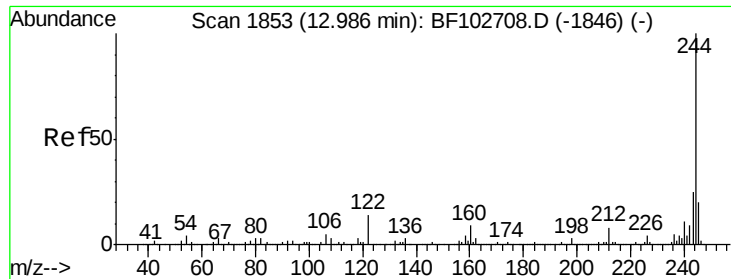
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103054.D
 Acq: 16 Feb 2018 16:06

Tgt Ion:240 Resp: 316901
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 26.6 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: 79.689 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

Instrument :

BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-1-SW@5

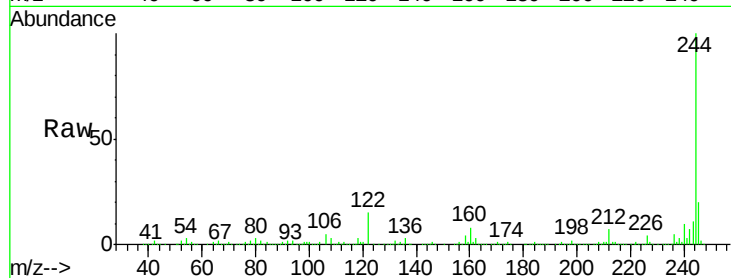
Tgt Ion:244 Resp: 1066552

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

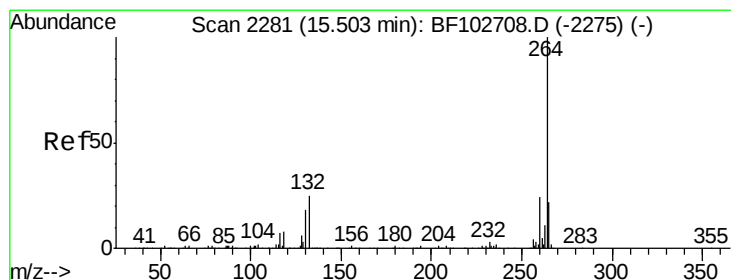
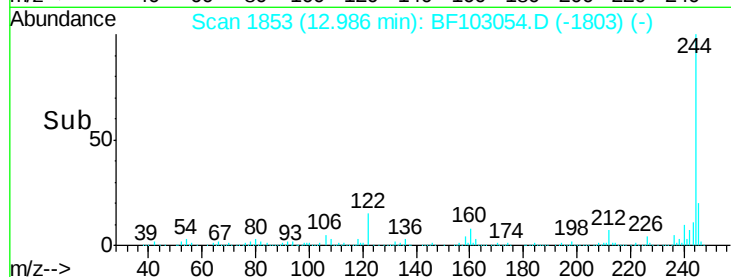
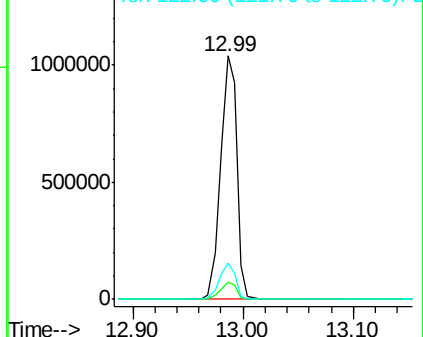
122 15.1 11.0 16.4



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# 2286

Delta R.T. -0.01 min

Lab File: BF103054.D

Acq: 16 Feb 2018 16:06

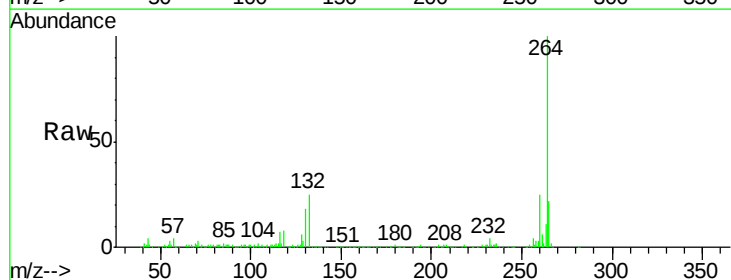
Tgt Ion:264 Resp: 286051

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.5 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

