

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103812.D
 Acq On : 20 Mar 2018 19:44
 Operator : JU/SJ
 Sample : J1982-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 00:58:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158937	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	617217	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	273520	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	442349	20.00	ng	0.00
75) Chrysene-d12	14.16	240	296941	20.00	ng	0.00
86) Perylene-d12	15.70	264	263447	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	789677	75.57	ng	0.01
7) Phenol-d6	6.59	99	967023	75.64	ng	0.00
23) Nitrobenzene-d5	7.53	82	574183	64.87	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	179231	76.21	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	959160	55.94	ng	0.00
78) Terphenyl-d14	13.10	244	727035	56.83	ng	0.01

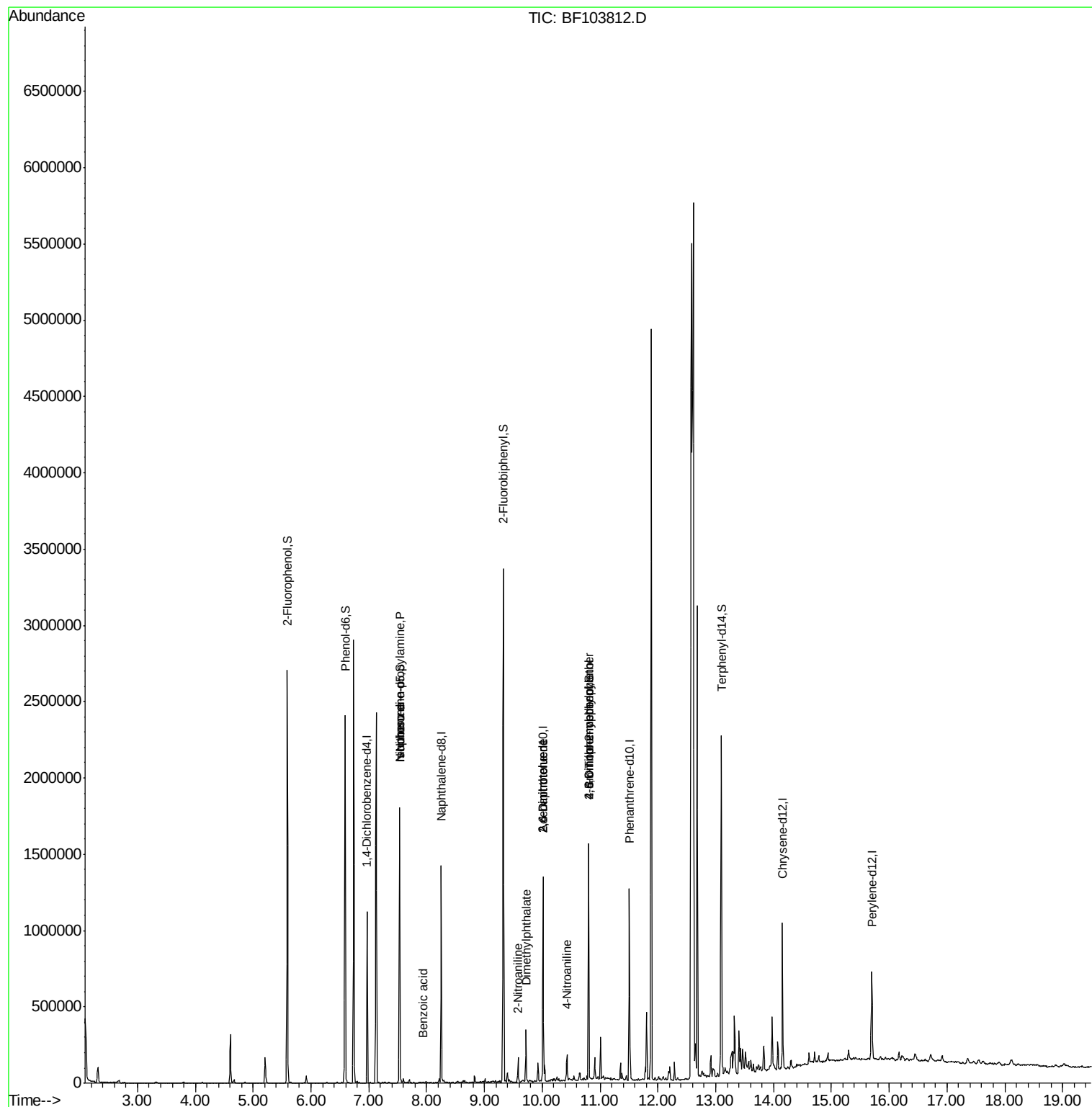
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	74326	9.072	ng	# 74
25) Isophorone	7.53	82	574175	28.024	ng	# 64
32) Benzoic acid	7.94	122	507	9.970	ng	# 48
47) 2-Nitroaniline	9.58	65	262	6.862	ng	# 2
49) Dimethylphthalate	9.72	163	102182	4.897	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	35573	12.064	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	35573	12.269	ng	# 23
61) 4-Nitroaniline	10.42	138	781	3.904	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.80	198	305	8.323	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	11340	2.497	ng	# 1

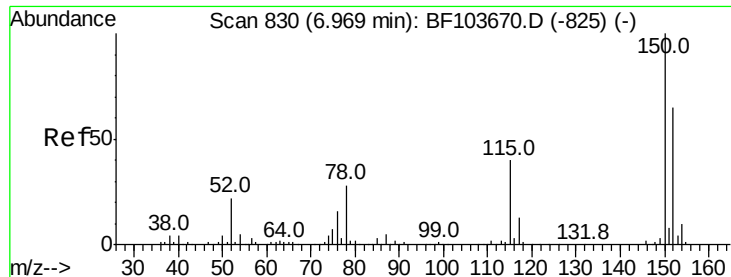
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103812.D
Acq On : 20 Mar 2018 19:44
Operator : JU/SJ
Sample : J1982-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 00:58:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



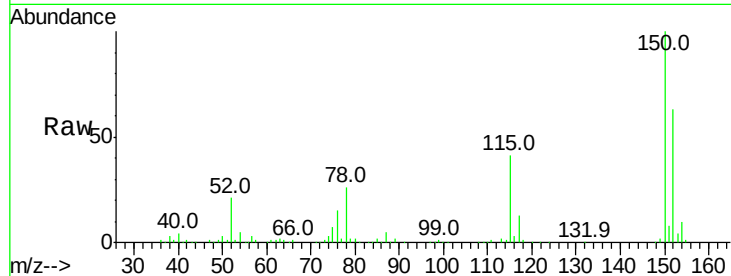


#1

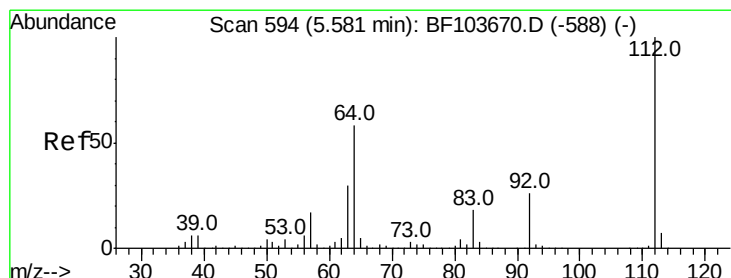
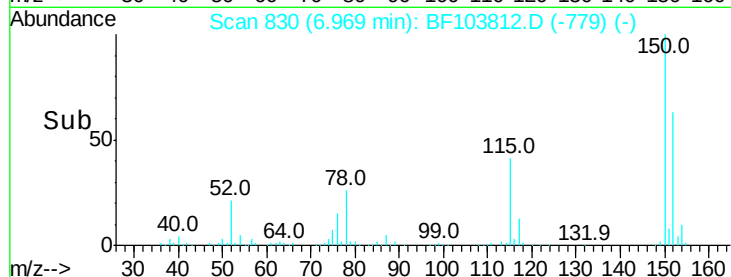
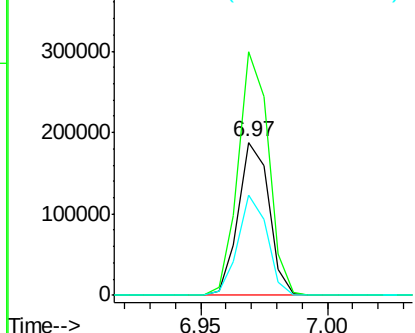
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158937
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.8 50.1 75.1



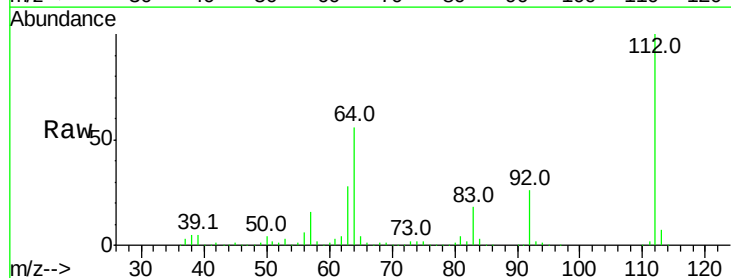
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



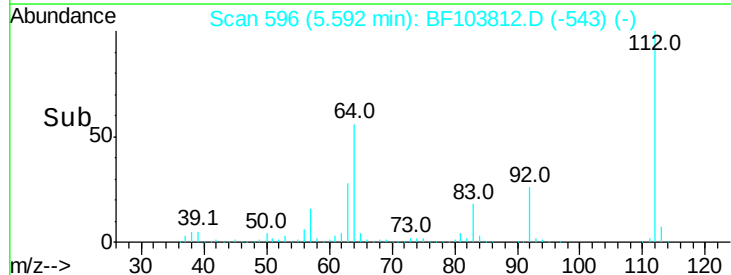
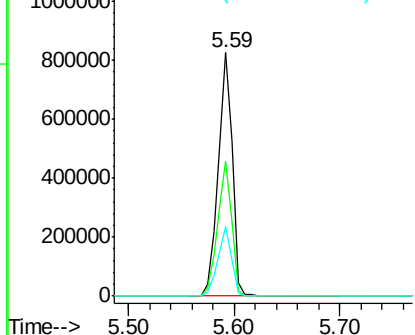
#5

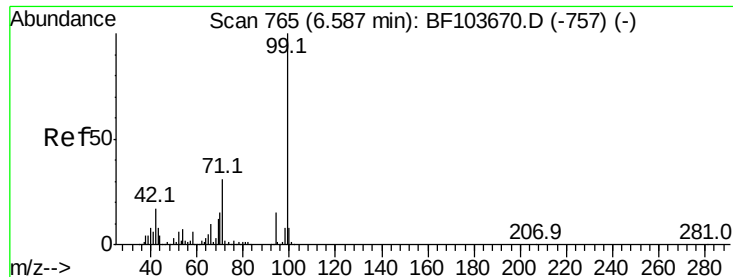
2-Fluorophenol
Concen: 75.570 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Tgt Ion:112 Resp: 789677
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.5 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: 75.642 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

Instrument :

BNA_F

ClientSampleId :

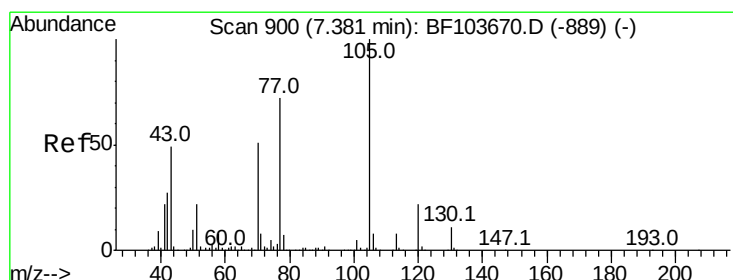
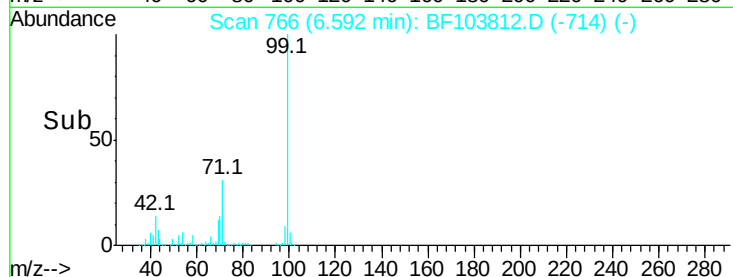
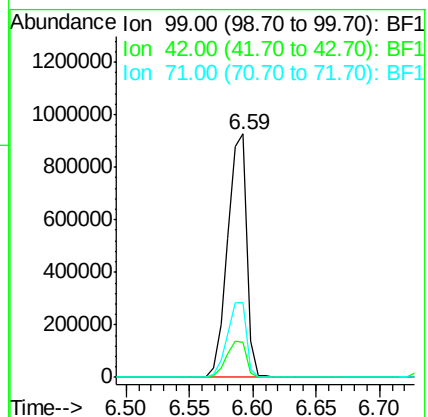
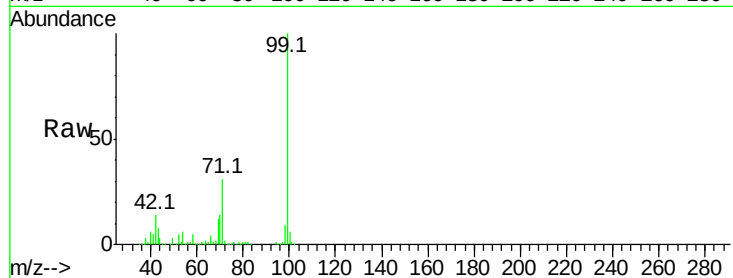
Tot Ion: 99 Resp: 967023

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

71 30.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.072 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

Tgt Ion: 70 Resp: 74326

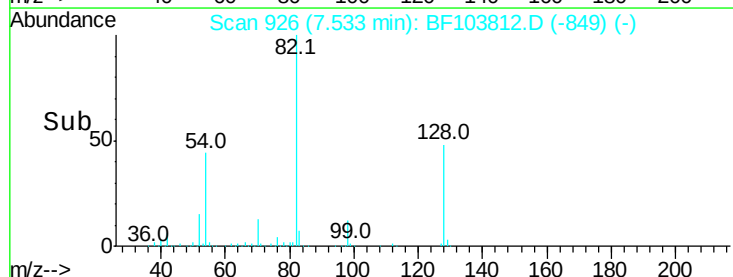
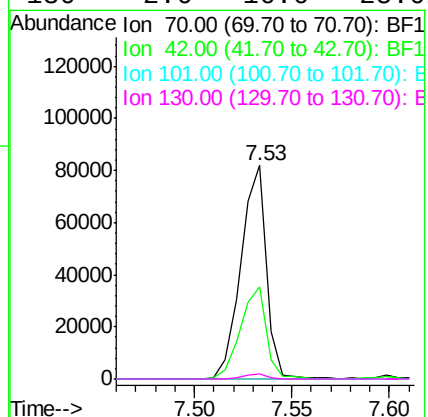
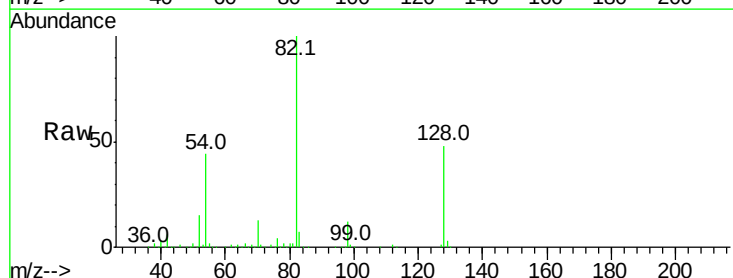
Ion Ratio Lower Upper

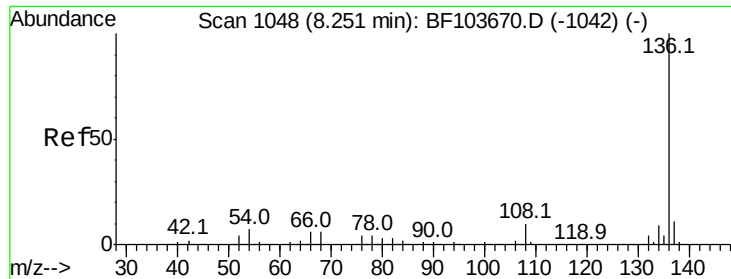
70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

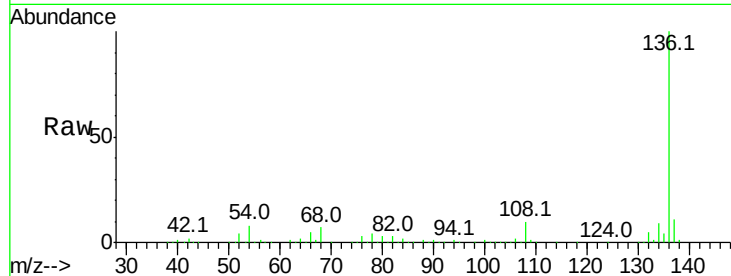




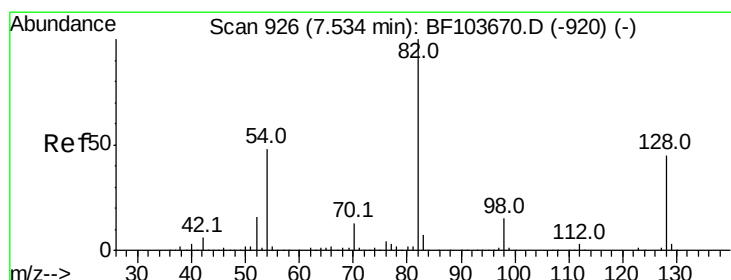
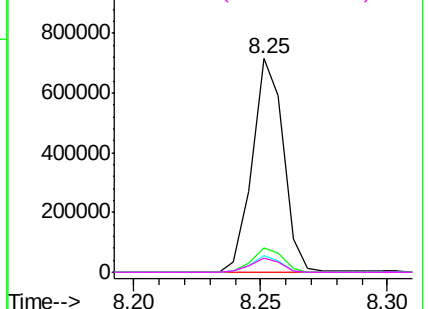
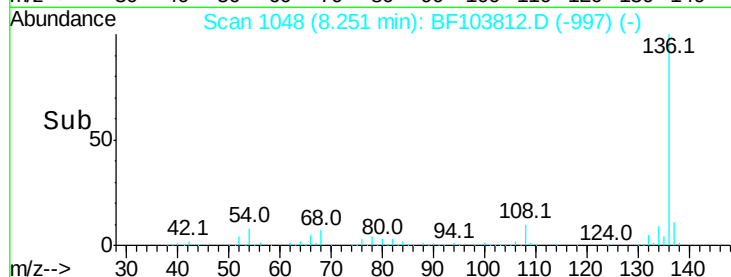
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 617217
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.8	6.6 9.8
68 6.8	5.0 7.4

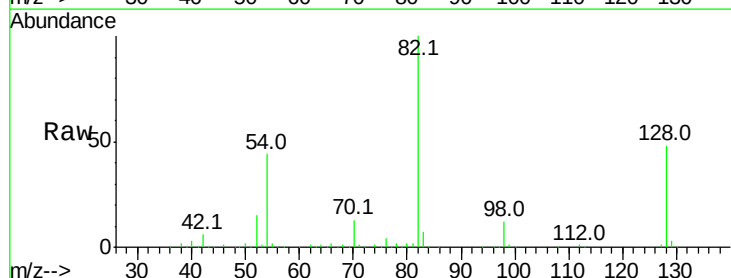


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

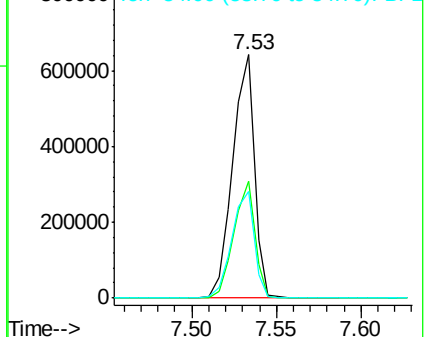
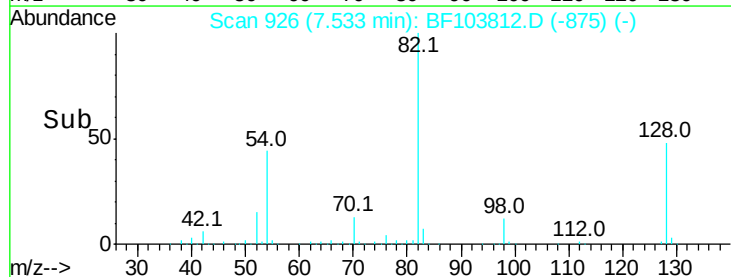


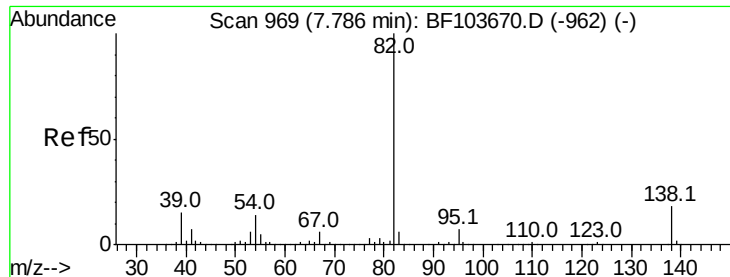
#23
Nitrobenzene-d5
Concen: 64.874 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Tgt	Ion: 82	Resp:	574183
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	43.7	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: 28.024 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

Instrument :

BNA_F

ClientSampleId :

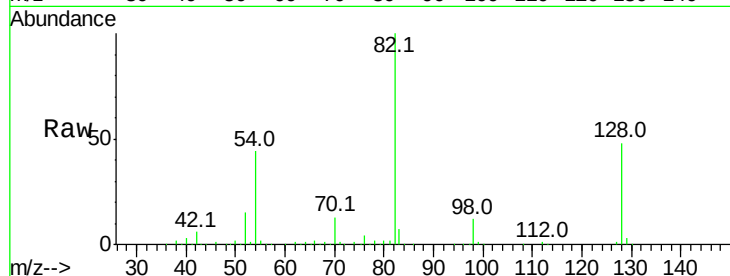
Tot Ion: 82 Resp: 574175

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

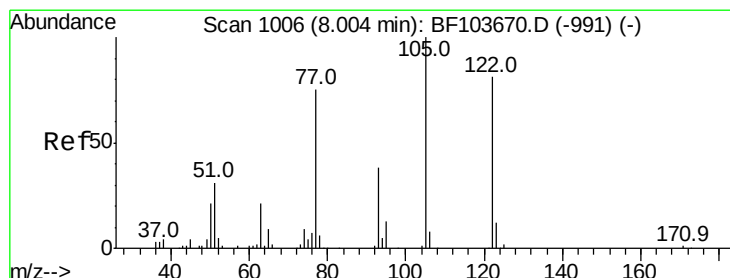
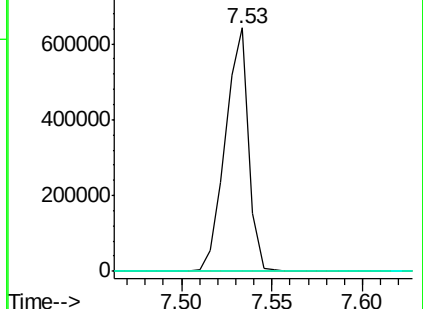
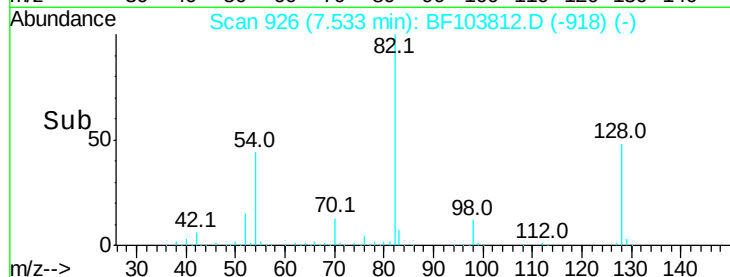
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 9.970 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.06 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

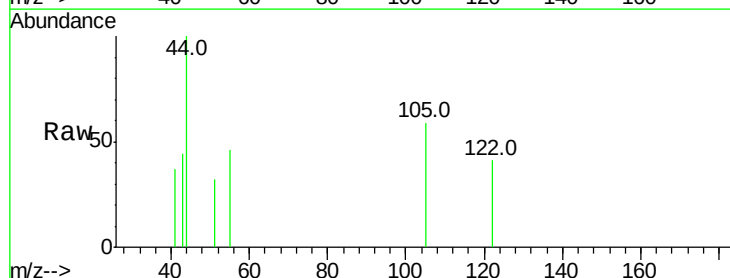
Tgt Ion:122 Resp: 507

Ion Ratio Lower Upper

122 100

105 143.1 101.1 141.1#

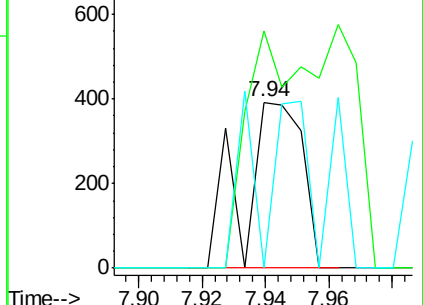
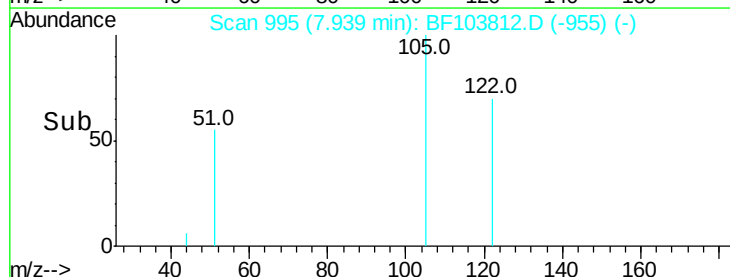
77 0.0 70.7 110.7#

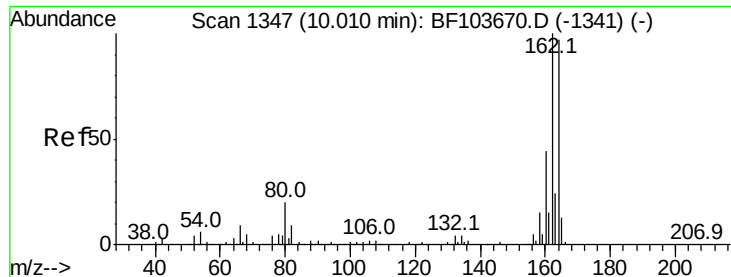


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

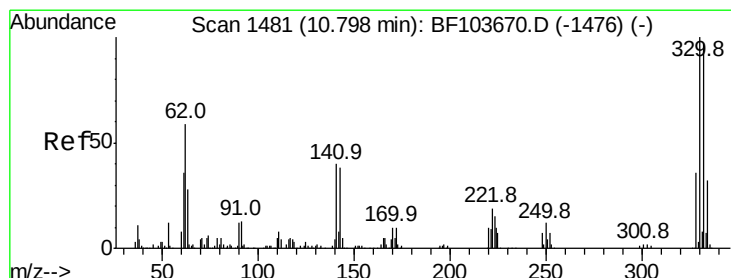
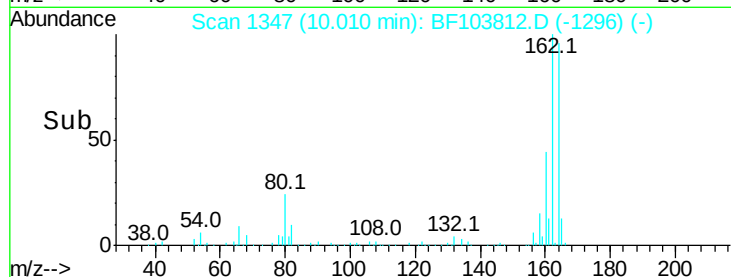
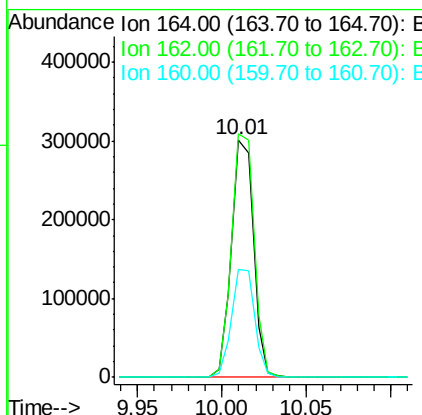
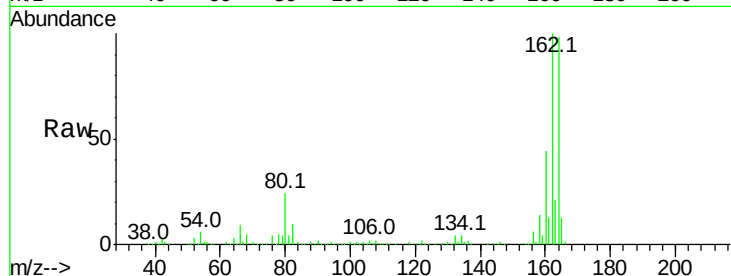




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103812.D
 Acq: 20 Mar 2018 19:44

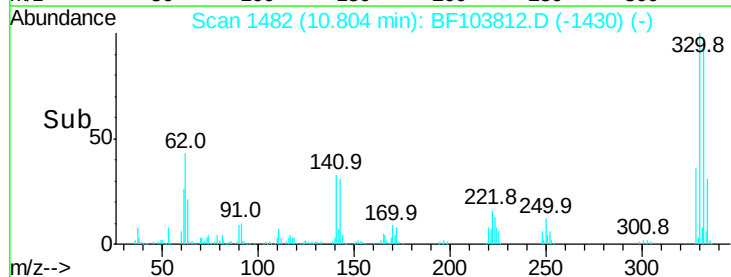
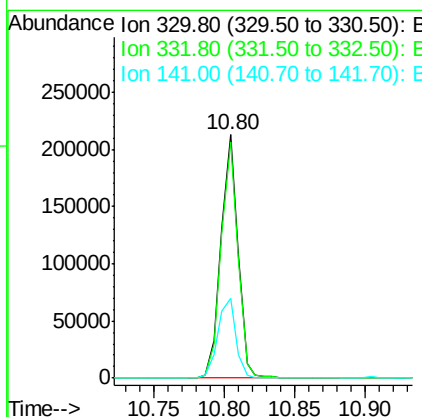
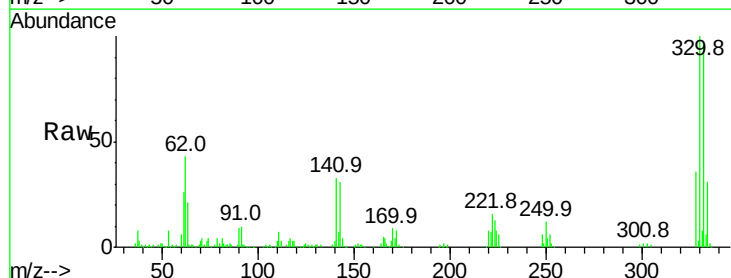
Instrument :
 BNA_F
 ClientSampleId :

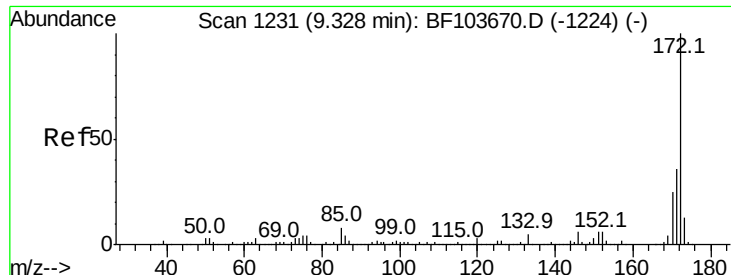
Tot Ion:164 Resp: 273520
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 76.212 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103812.D
 Acq: 20 Mar 2018 19:44

Tgt Ion:330 Resp: 179231
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 34.9 29.9 44.9

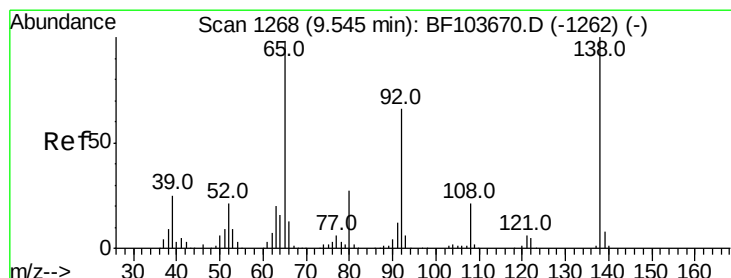
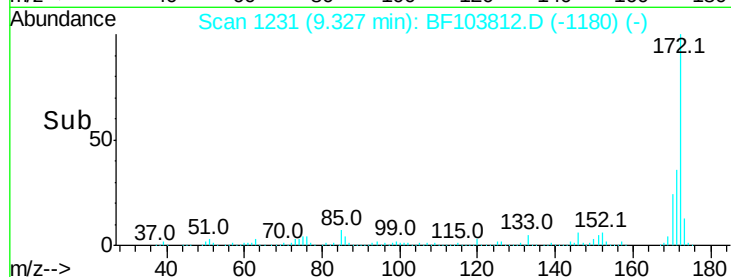
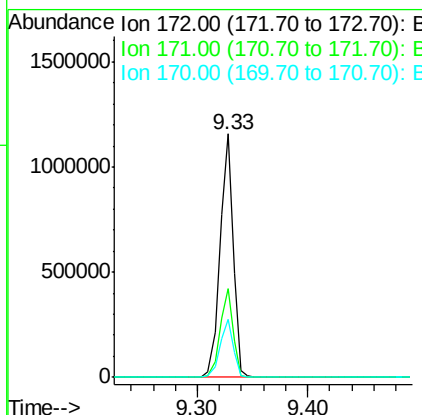
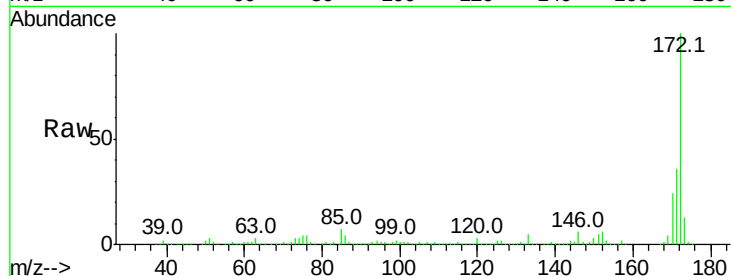




#44
 2-Fluorobiphenyl
 Concen: 55.938 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103812.D
 Acq: 20 Mar 2018 19:44

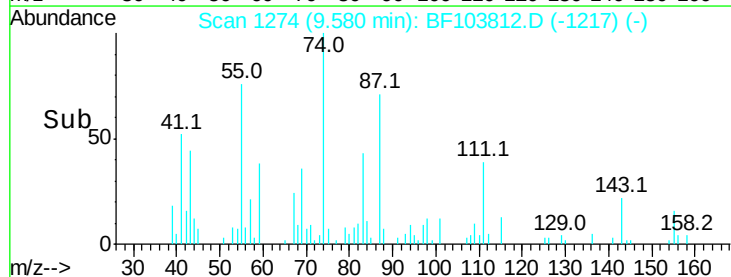
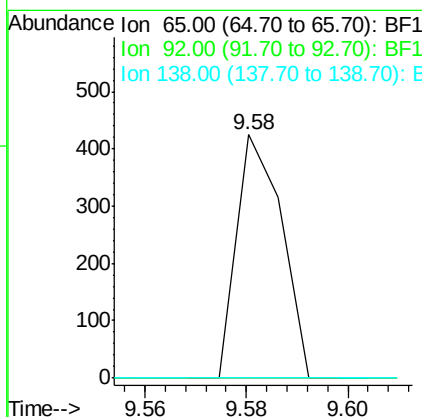
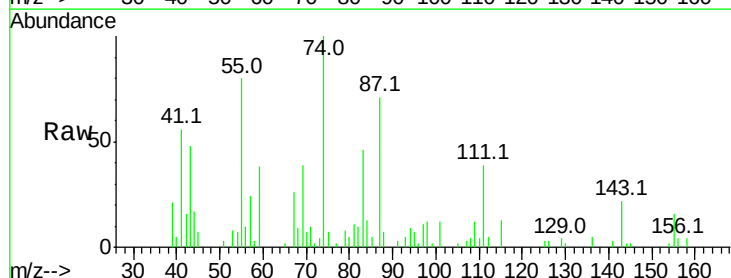
Instrument :
 BNA_F
 ClientSampleId :

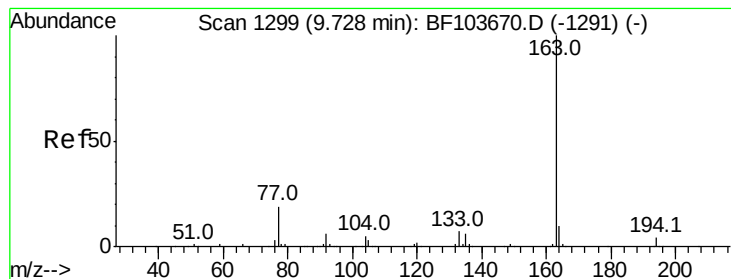
Tot Ion:172 Resp: 959160
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 19.6 29.4



#47
 2-Nitroaniline
 Concen: 6.862 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. 0.04 min
 Lab File: BF103812.D
 Acq: 20 Mar 2018 19:44

Tgt Ion: 65 Resp: 262
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 4.897 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

Instrument :

BNA_F

ClientSampleId :

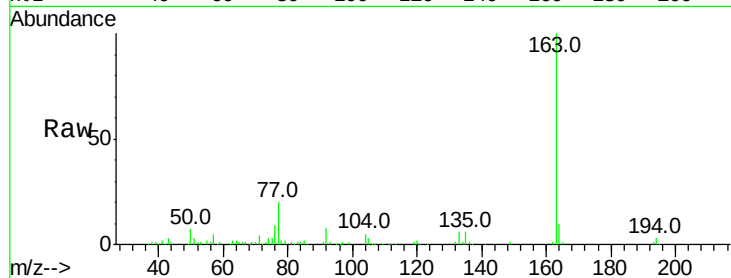
Tot Ion:163 Resp: 102182

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

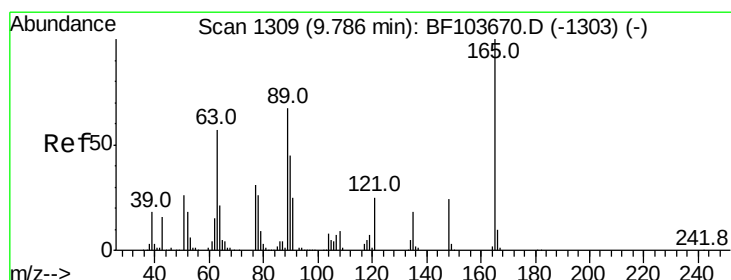
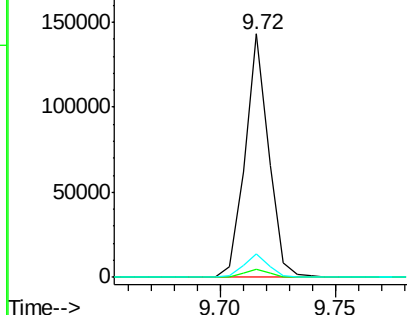
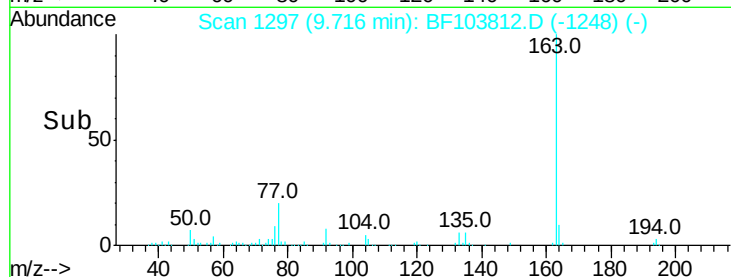
164 9.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 12.064 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

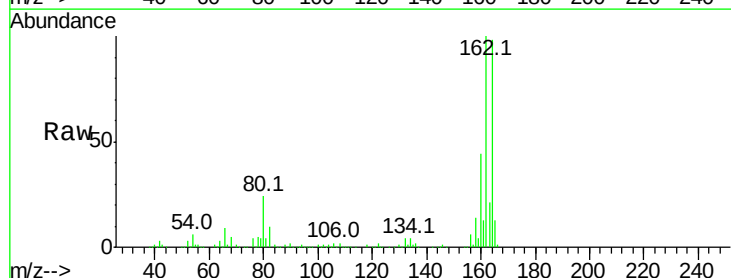
Tgt Ion:165 Resp: 35573

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

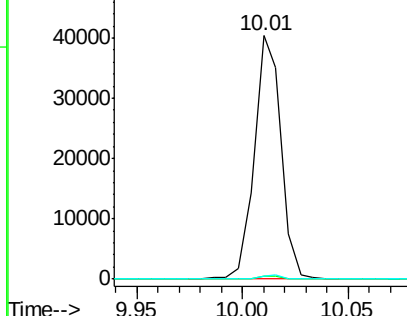
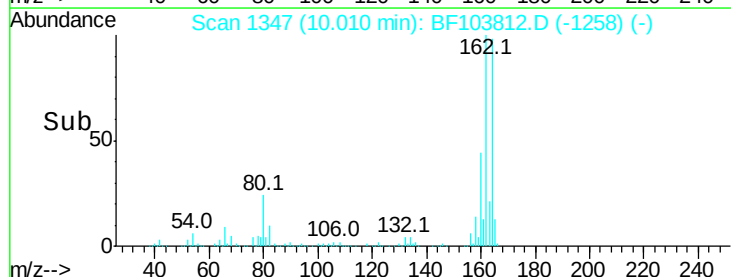
89 1.2 44.0 66.0#

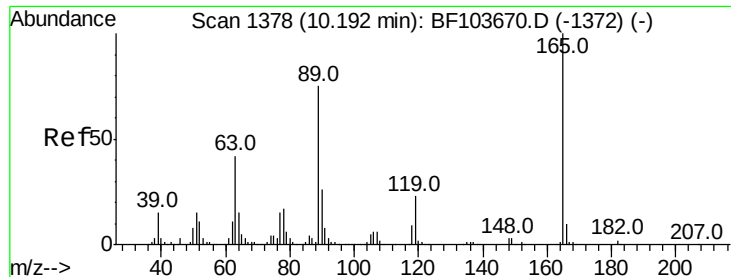


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 12.269 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 35573

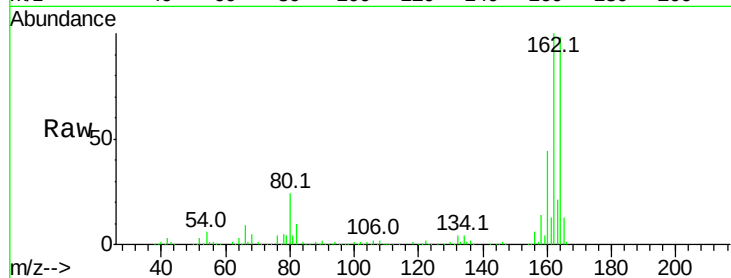
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

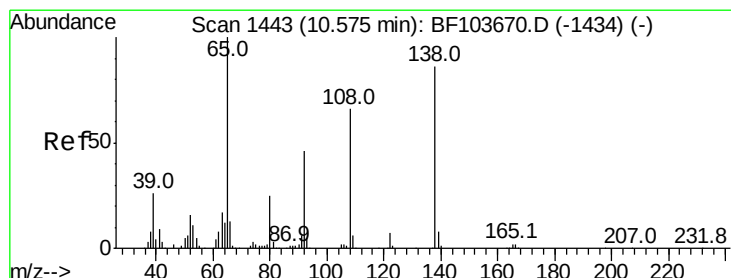
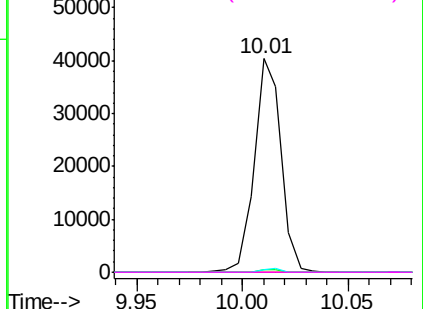
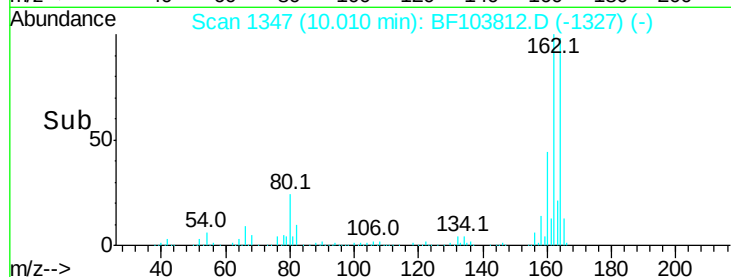


Abundance Ion 165.00 (164.70 to 165.70): E

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



#61

4-Nitroaniline

Concen: 3.904 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.15 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

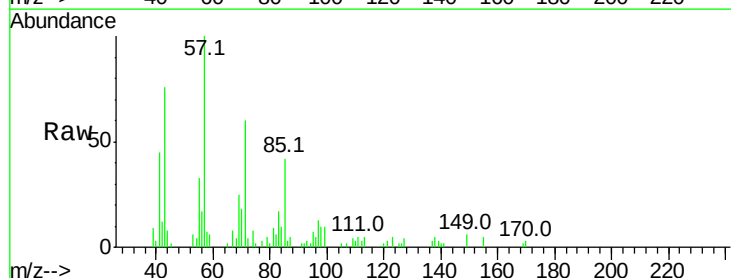
Tgt Ion:138 Resp: 781

Ion Ratio Lower Upper

138 100

92 30.4 30.2 70.2

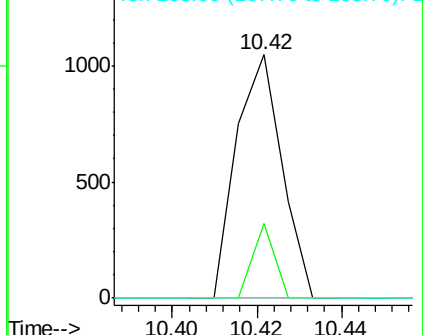
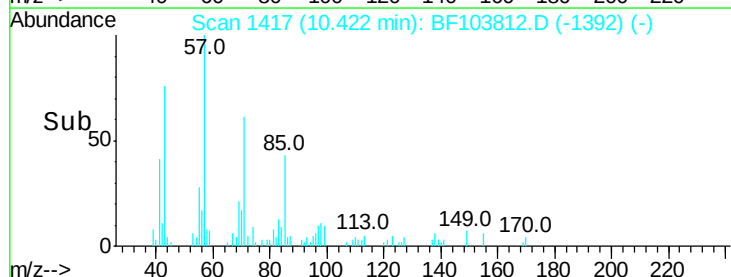
108 0.0 52.5 92.5#

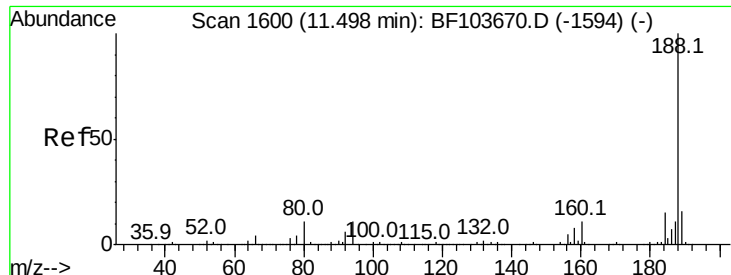


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

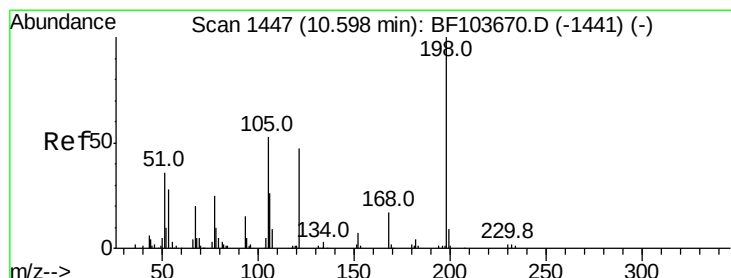
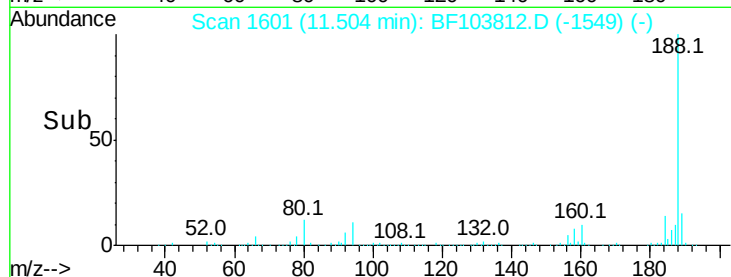
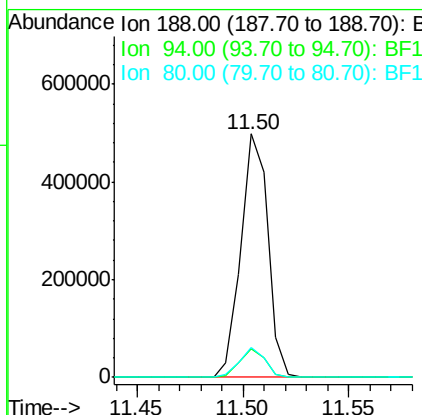
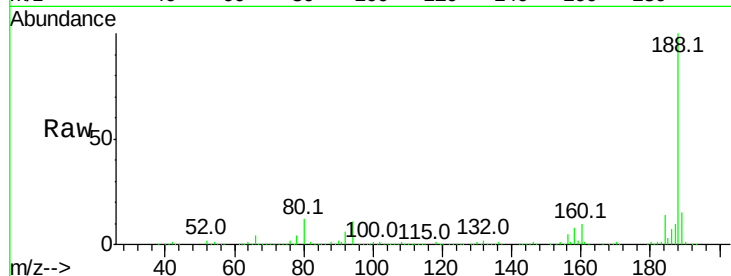




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

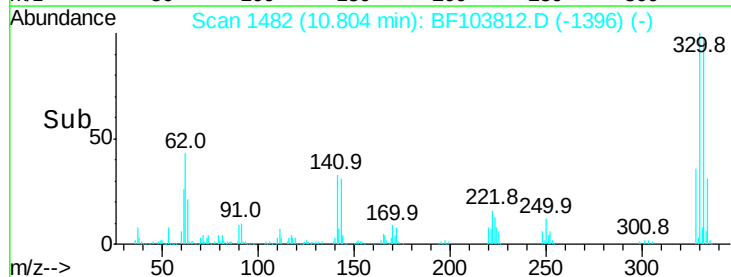
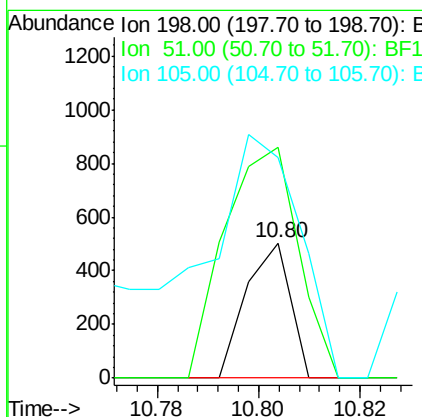
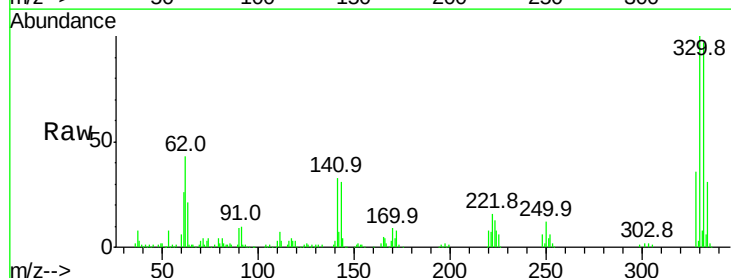
Instrument :
BNA_F
ClientSampleId :

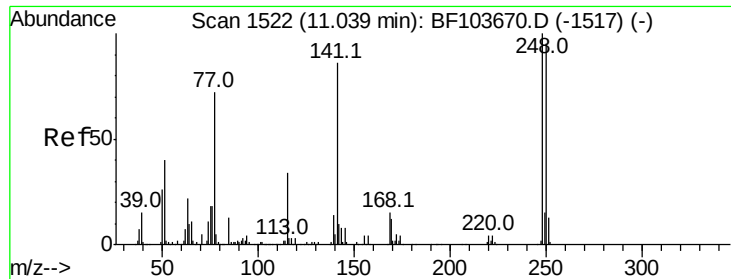
Tot Ion:188 Resp: 442349
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.323 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Tgt Ion:198 Resp: 305
Ion Ratio Lower Upper
198 100
51 170.4 37.7 77.7#
105 163.5 36.3 76.3#

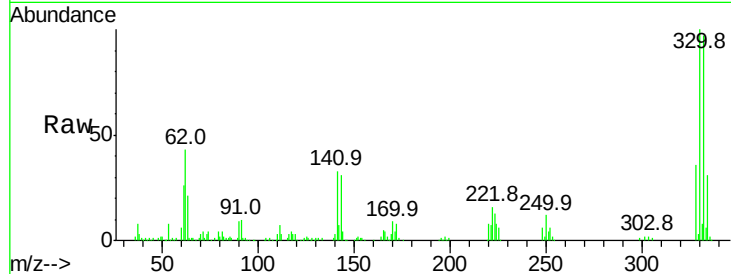




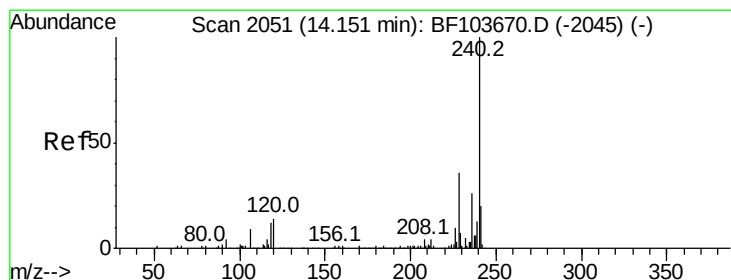
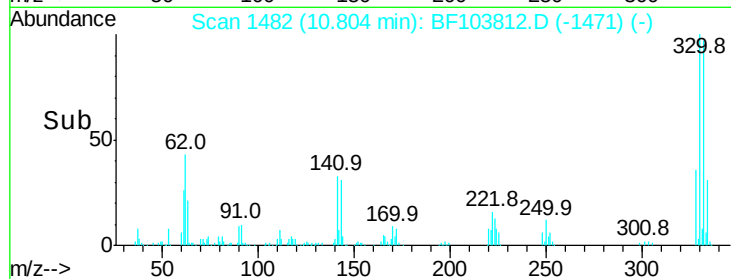
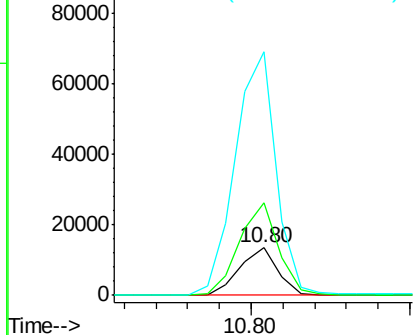
#66
4-Bromophenyl-phenylether
Concen: 2.497 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11340
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 512.2 74.4 111.6#

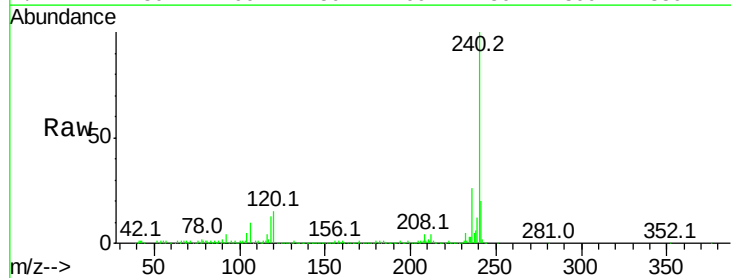


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

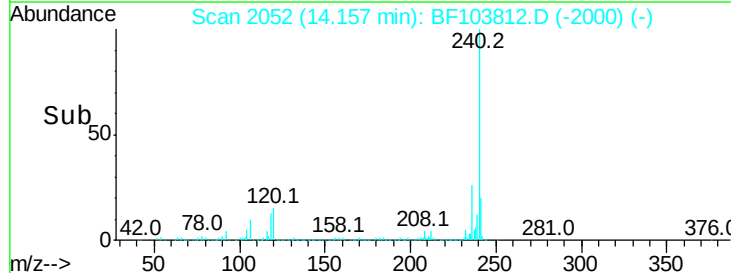
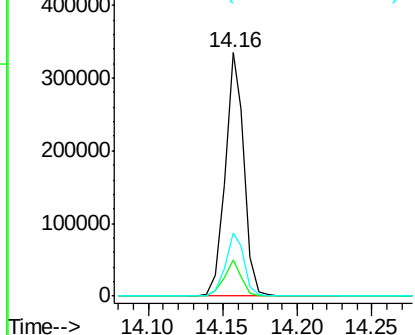


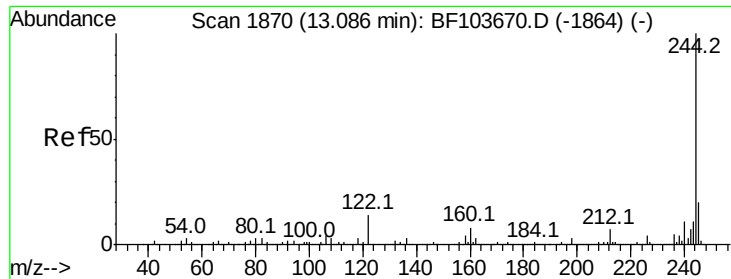
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103812.D
Acq: 20 Mar 2018 19:44

Tgt Ion:240 Resp: 296941
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.8 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: 56.831 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

Instrument :

BNA_F

ClientSampleId :

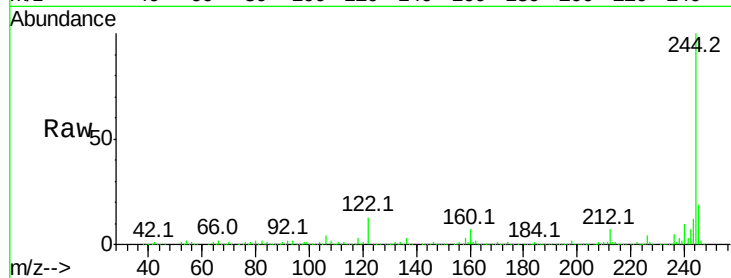
Tot Ion:244 Resp: 727035

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

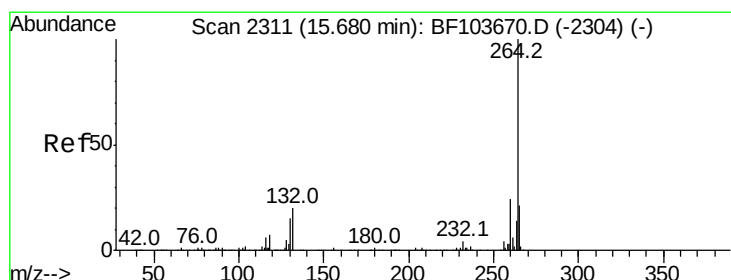
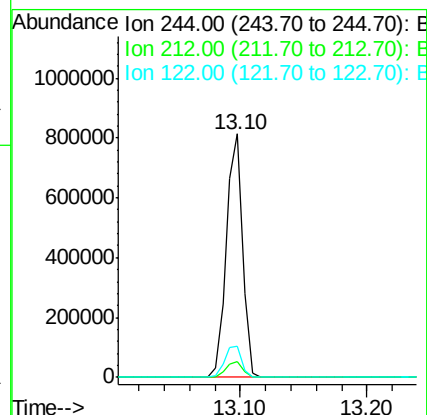
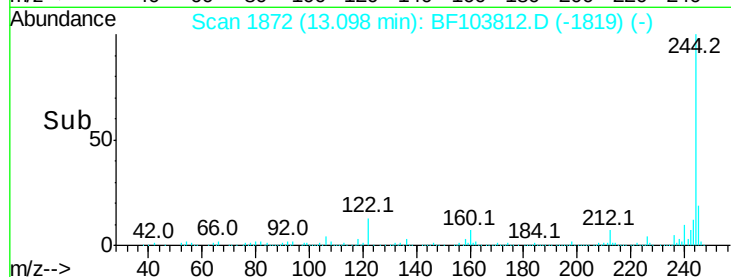
122 12.9 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103812.D

Acq: 20 Mar 2018 19:44

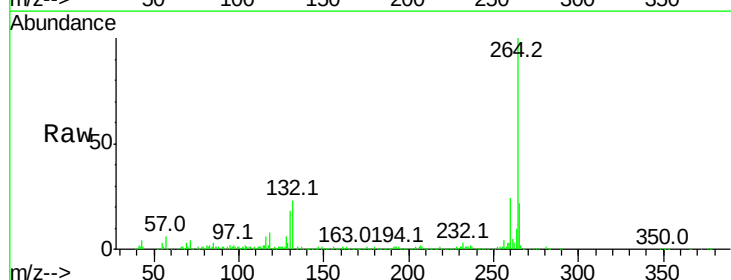
Tgt Ion:264 Resp: 263447

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 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

