

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102081.D
 Acq On : 15 Jan 2018 23:33
 Operator : SJ/JU
 Sample : J1086-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:08:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167993	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	548423	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	279845	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	400817	20.00	ng	0.00
75) Chrysene-d12	13.87	240	269349	20.00	ng	0.00
86) Perylene-d12	15.28	264	277786	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	465708	39.15	ng	0.00
7) Phenol-d6	6.35	99	115694	8.15	ng	-0.01
23) Nitrobenzene-d5	7.29	82	981332	105.15	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	241283	98.80	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1512859	84.46	ng	0.00
78) Terphenyl-d14	12.83	244	1048202	80.80	ng	0.00

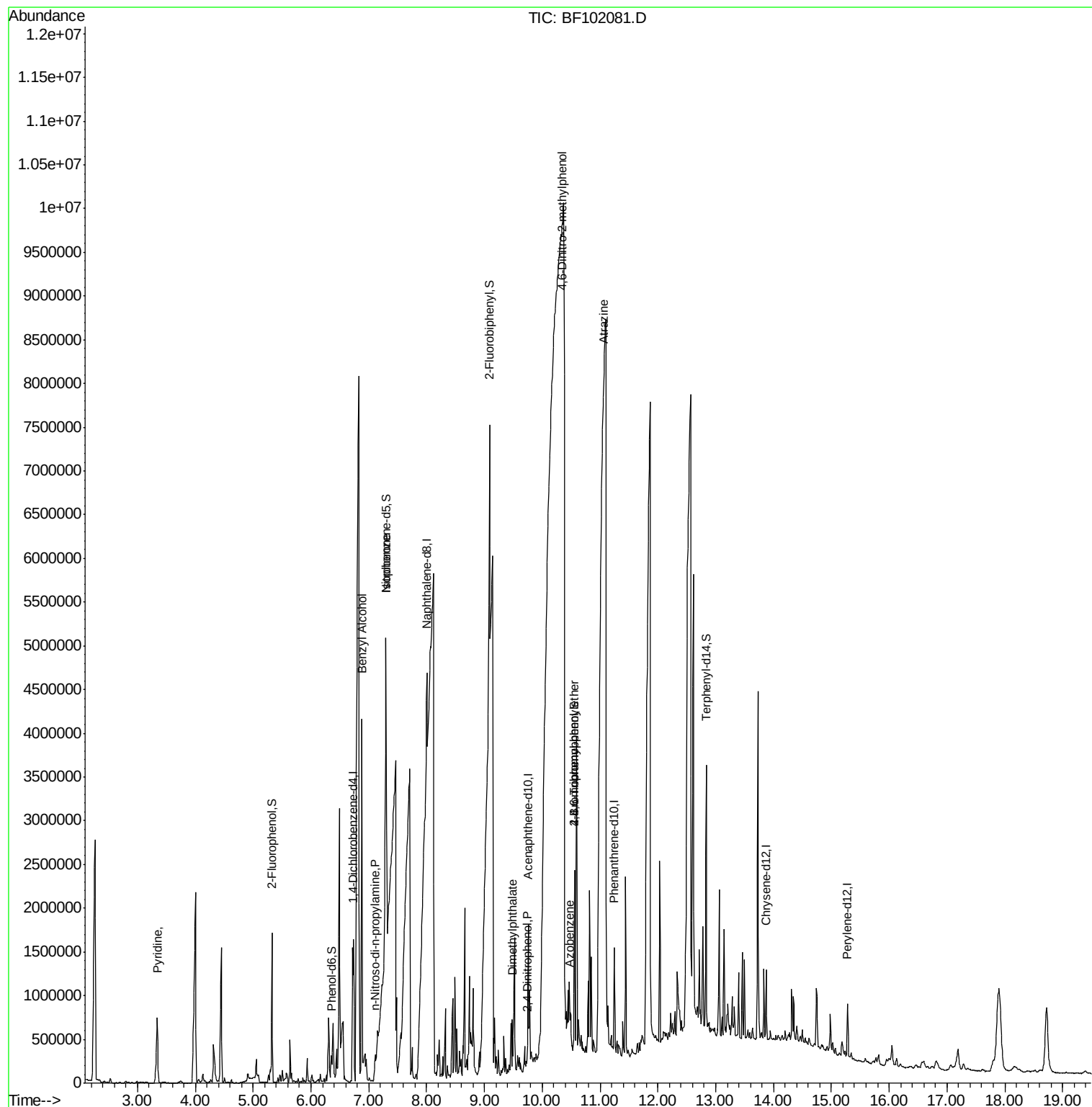
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.34	79	221923	13.687	ng	# 1
15) Benzyl Alcohol	6.88	79	22904	2.206	ng	# 47
19) n-Nitroso-di-n-propylamine	7.11	70	21232	2.283	ng	# 46
25) Isophorone	7.29	82	975288	52.889	ng	# 65
49) Dimethylphthalate	9.48	163	89064	3.967	ng	100
53) 2,4-Dinitrophenol	9.73	184	1905	9.649	ng	# 1
62) Azobenzene	10.48	77	48832	2.198	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.35	198	121	5.711	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	16309	3.853	ng	# 1
68) Atrazine	11.06	200	27047	6.236	ng	# 51

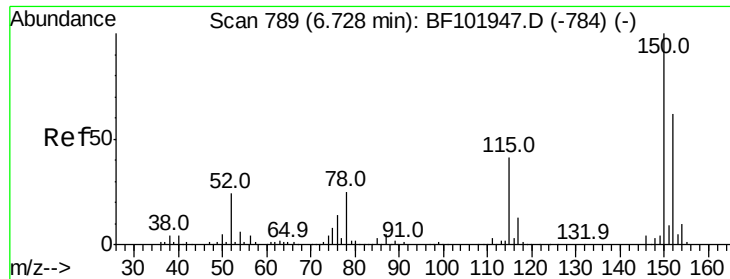
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102081.D
Acq On : 15 Jan 2018 23:33
Operator : SJ/JU
Sample : J1086-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 02:08:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



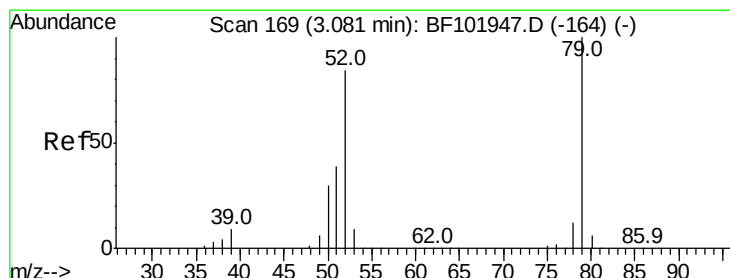
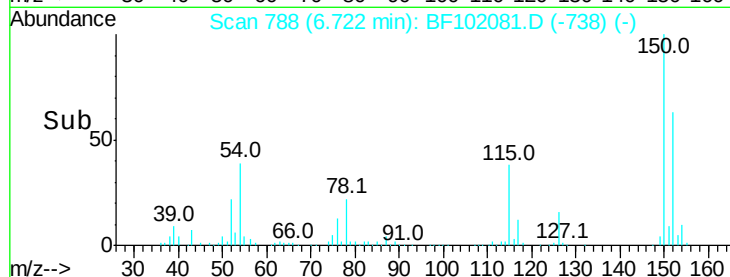
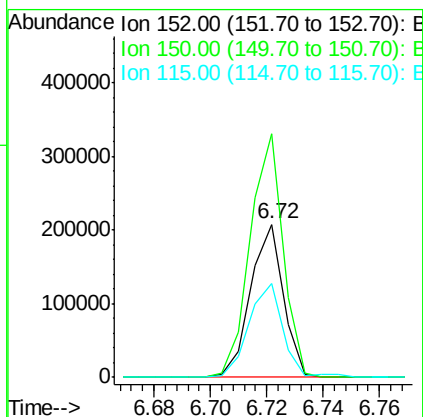
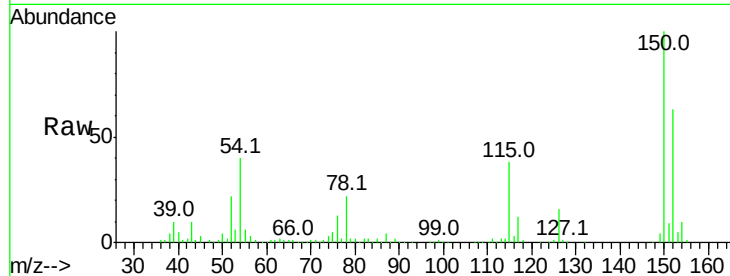


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Instrument :
BNA_F
ClientSampled :

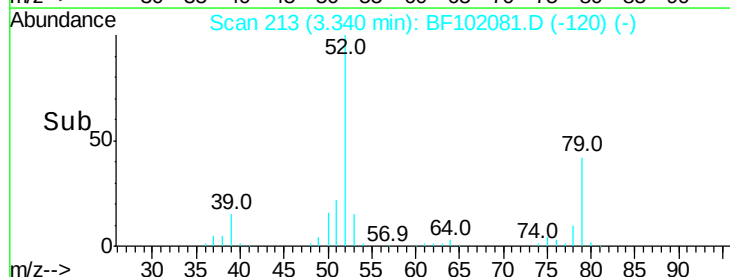
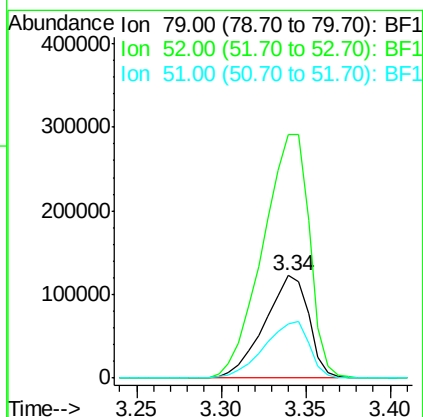
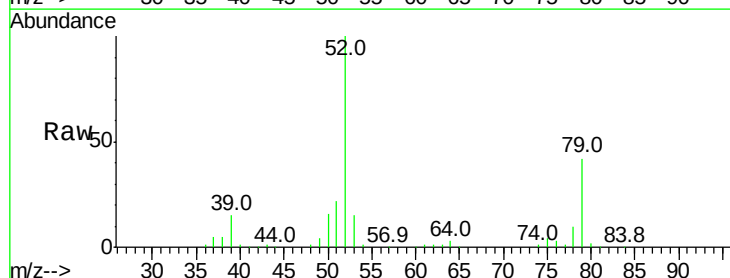
Tot Ion:152 Resp: 167993
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.0 50.1 75.1

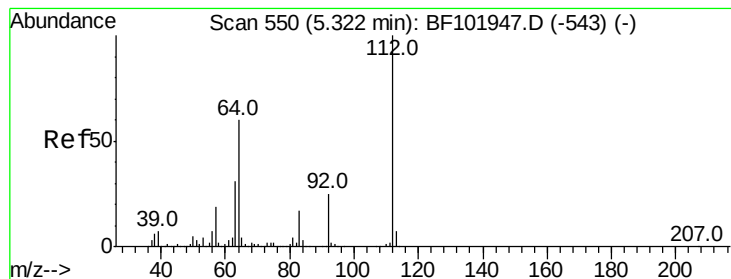


#3

Pyridine
Concen: 13.687 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.25 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion: 79 Resp: 221923
Ion Ratio Lower Upper
79 100
52 237.6 59.8 89.6#
51 53.1 29.8 44.8#





#5

2-Fluorophenol

Concen: 39.146 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

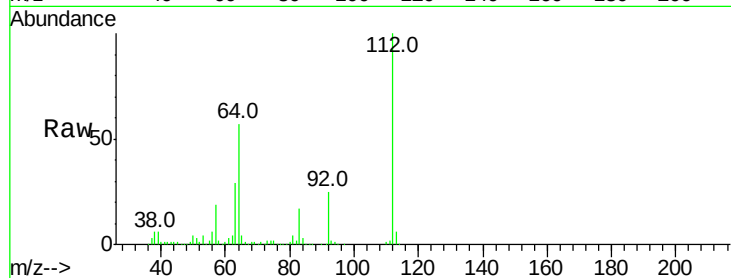
Tot Ion:112 Resp: 465708

Ion Ratio Lower Upper

112 100

64 57.5 47.9 71.9

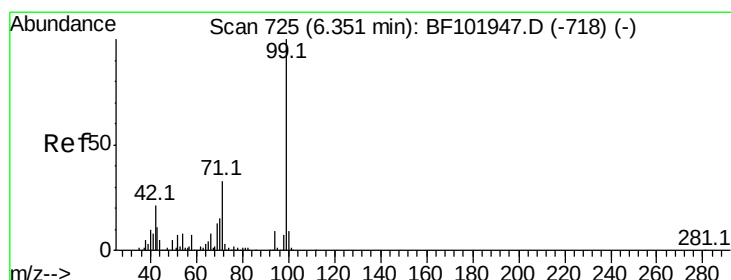
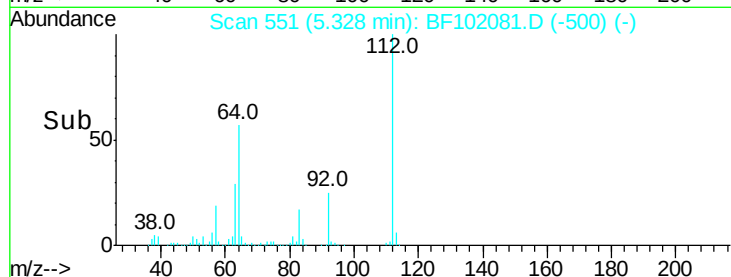
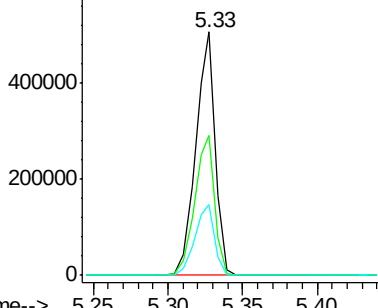
63 28.8 23.7 35.5



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: 8.151 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

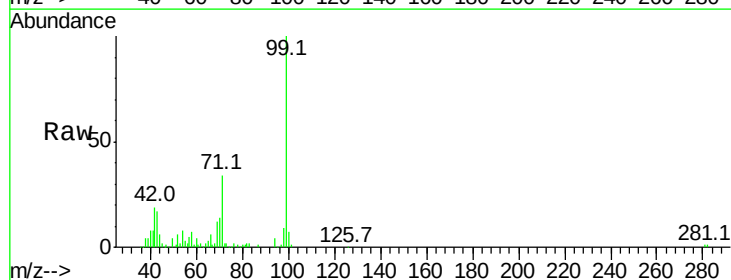
Tgt Ion: 99 Resp: 115694

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

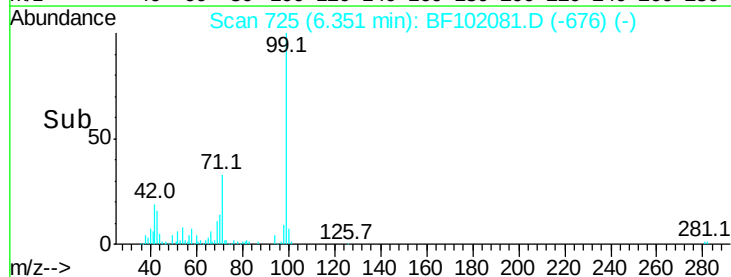
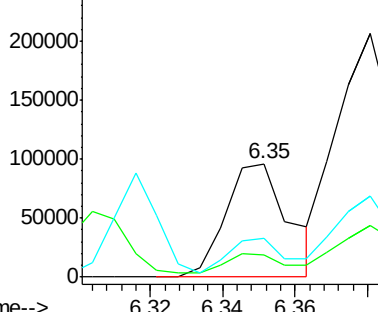
71 33.8 25.4 38.0

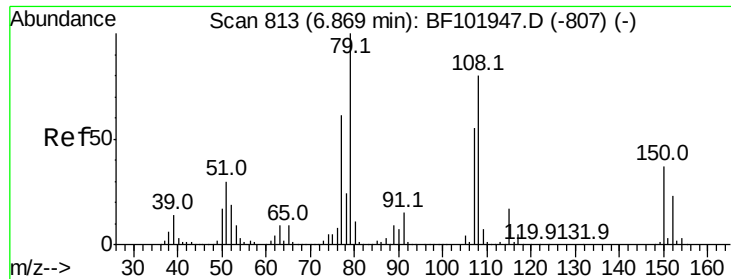


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

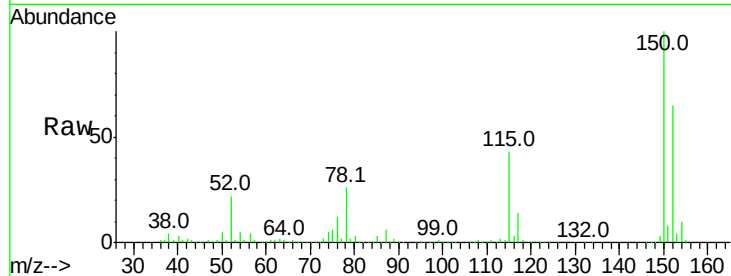




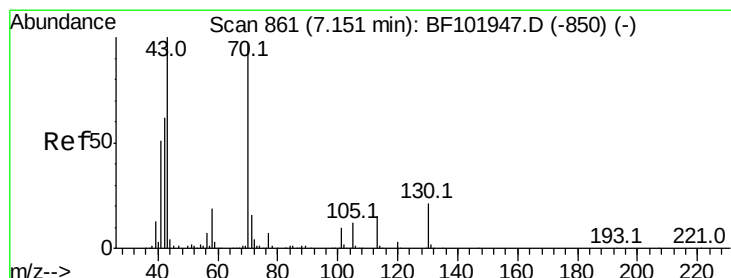
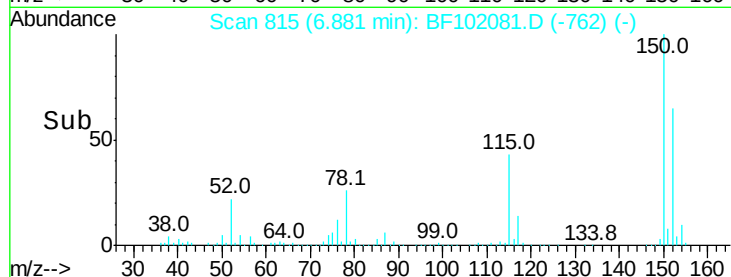
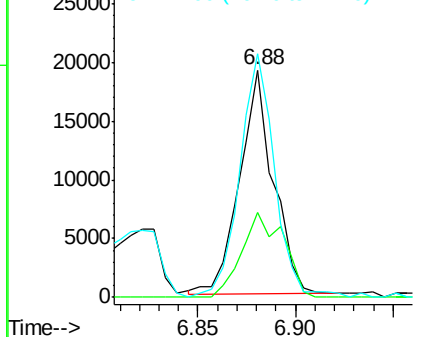
#15
Benzyl Alcohol
Concen: 2.206 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 22904
Ion Ratio Lower Upper
79 100
108 37.1 65.1 97.7#
77 107.0 50.6 75.8#

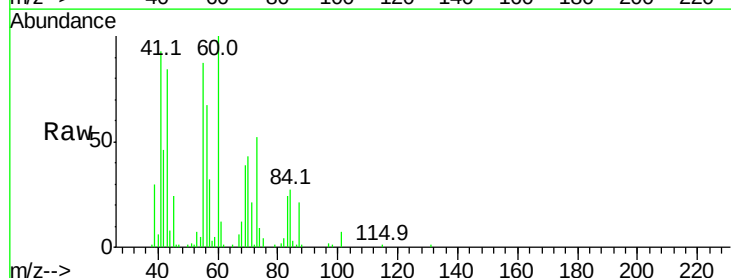


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

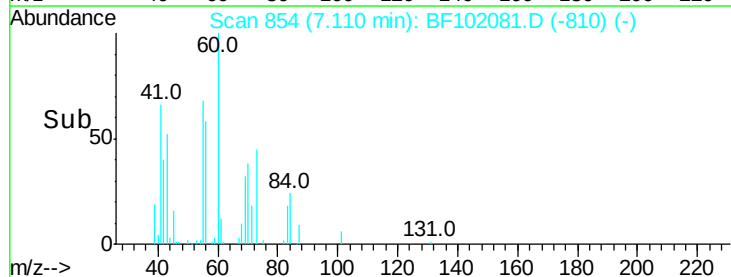
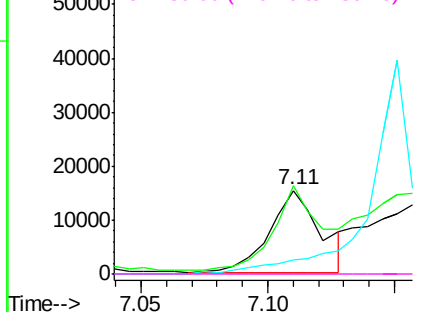


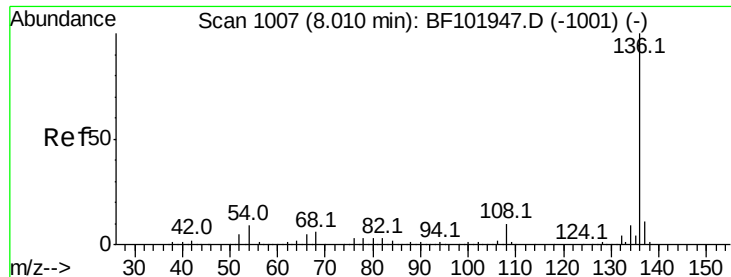
#19
n-Nitroso-di-n-propylamine
Concen: 2.283 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.04 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion: 70 Resp: 21232
Ion Ratio Lower Upper
70 100
42 106.2 47.5 71.3#
101 17.1 7.4 11.2#
130 0.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

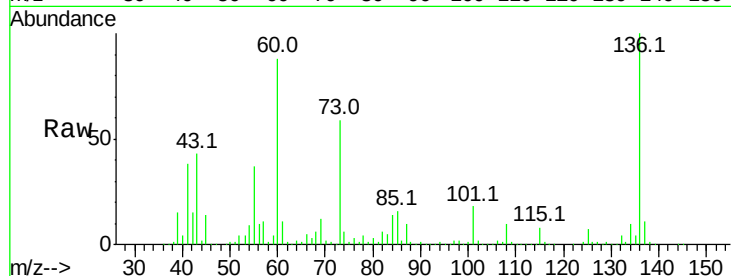




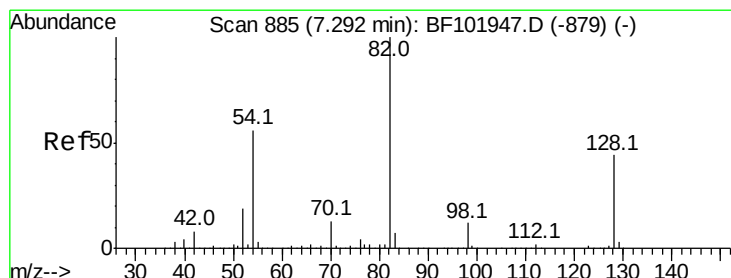
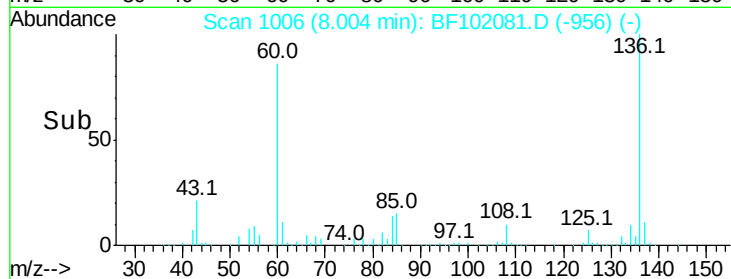
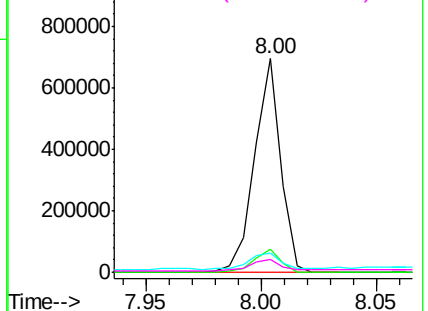
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	548423
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	6.6	9.8
68	6.1	5.0	7.4

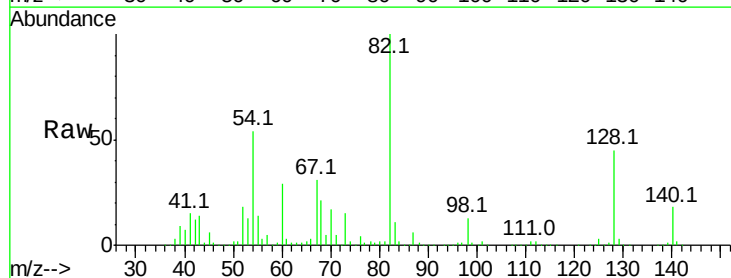


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

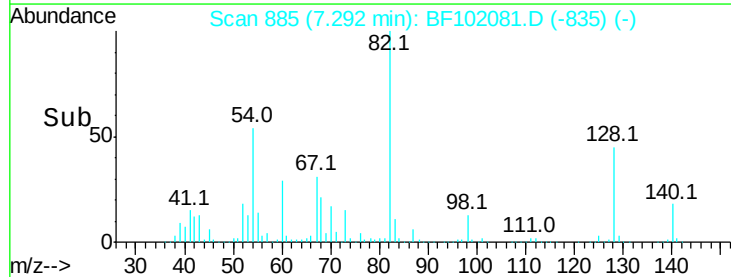
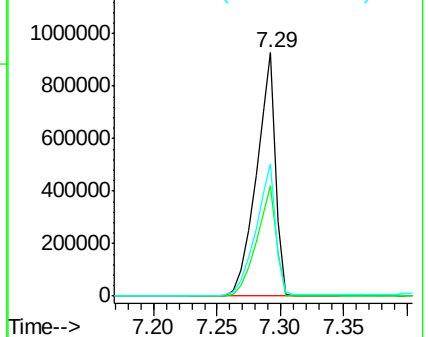


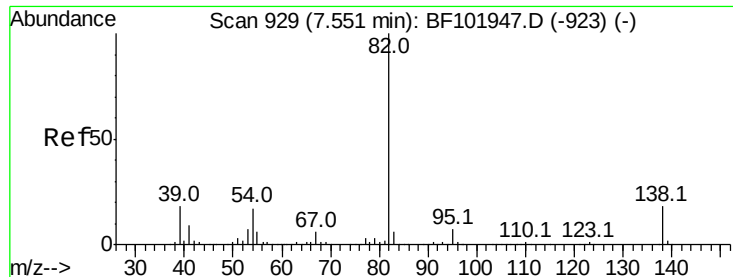
#23
Nitrobenzene-d5
Concen: 105.151 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion:	82	Resp:	981332
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.5	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: 52.889 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

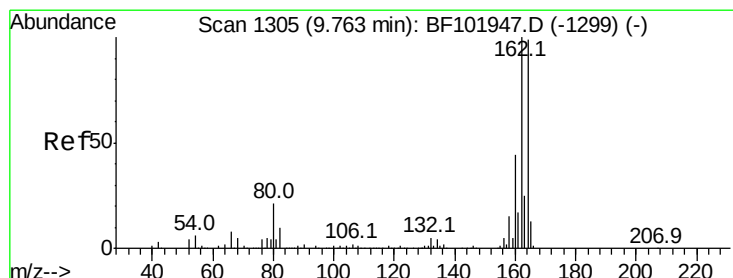
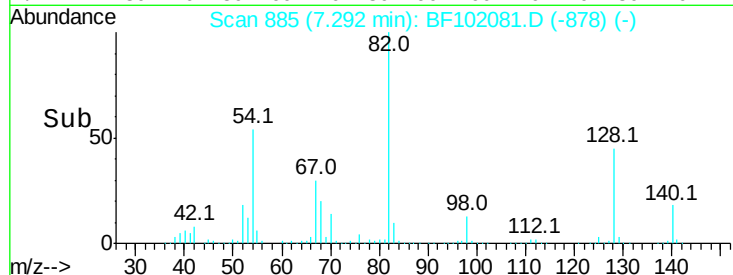
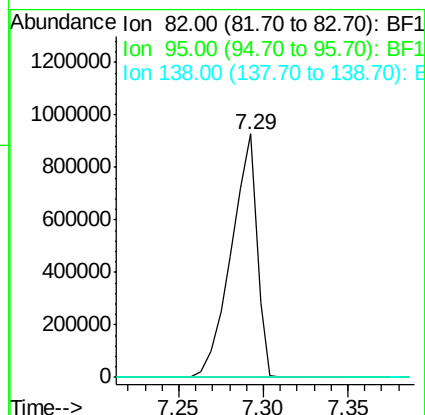
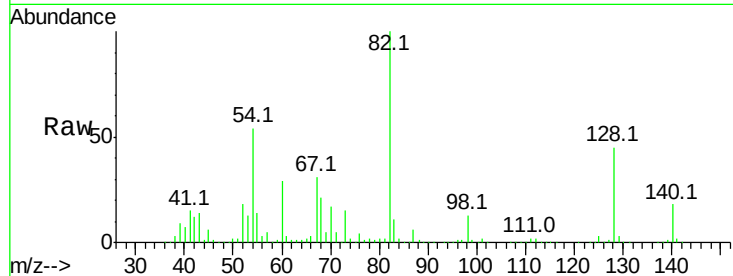
Tot Ion: 82 Resp: 975288

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

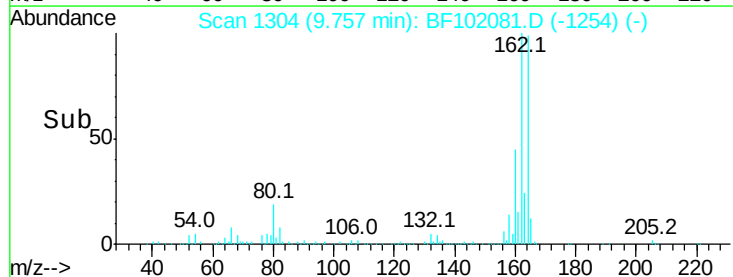
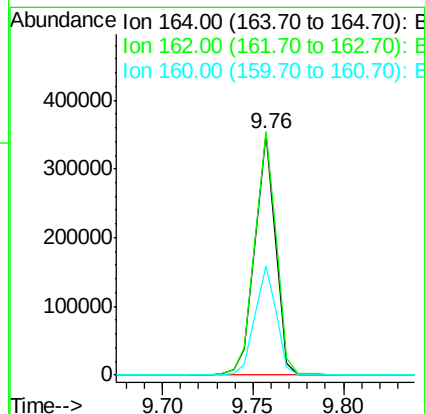
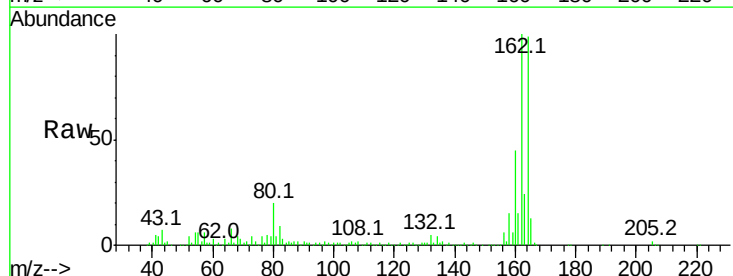
Tgt Ion:164 Resp: 279845

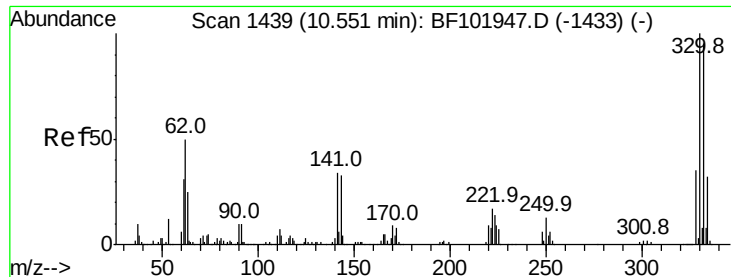
Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

160 45.1 38.3 57.5

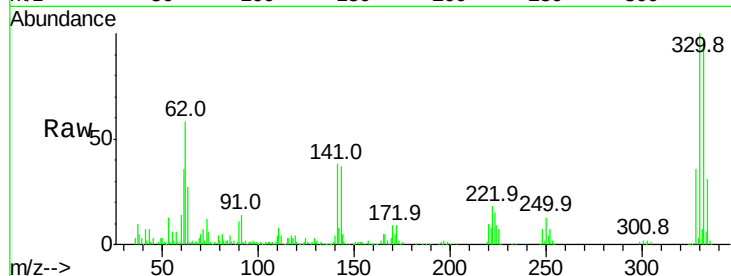




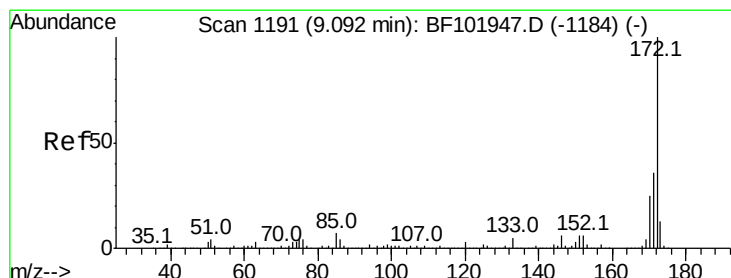
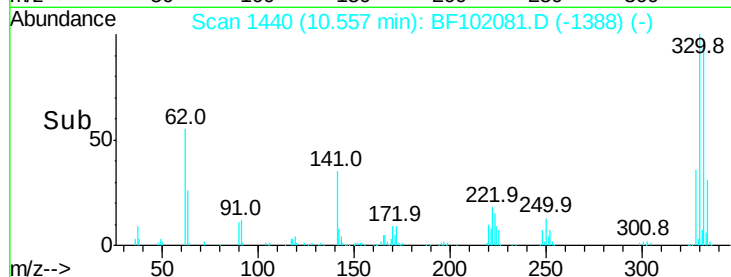
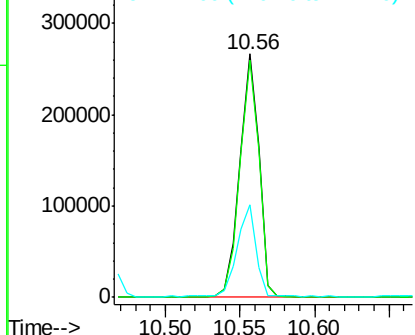
#41
 2,4,6-Tribromophenol
 Concen: 98.799 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF102081.D
 Acq: 15 Jan 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 241283
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 36.4 29.9 44.9

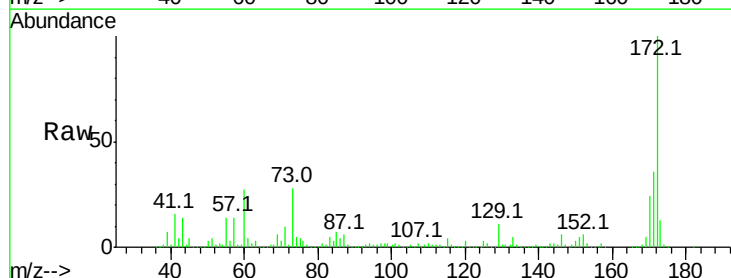


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

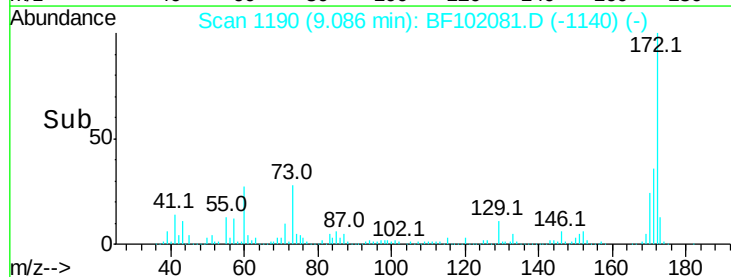
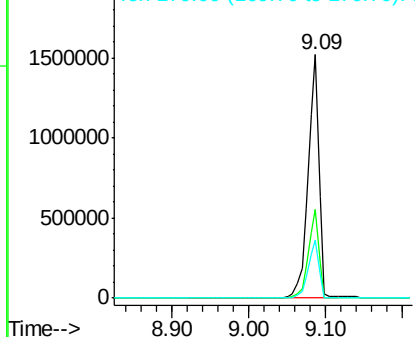


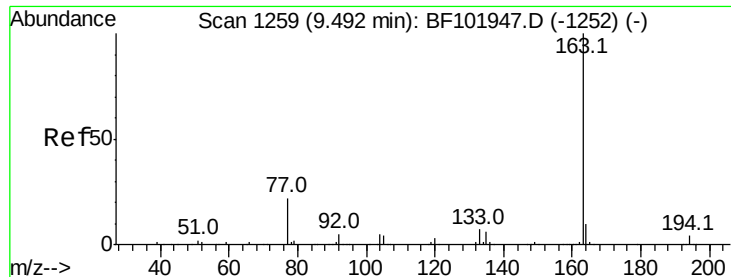
#44
 2-Fluorobiphenyl
 Concen: 84.457 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102081.D
 Acq: 15 Jan 2018 23:33

Tgt Ion:172 Resp: 1512859
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 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

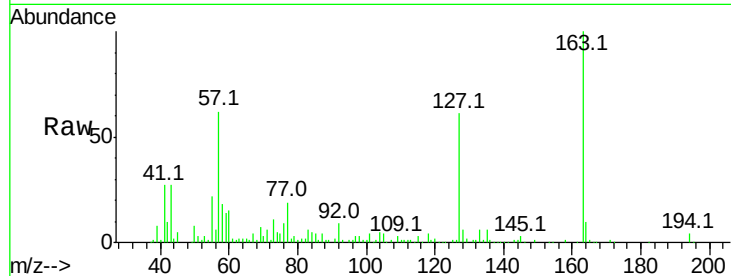




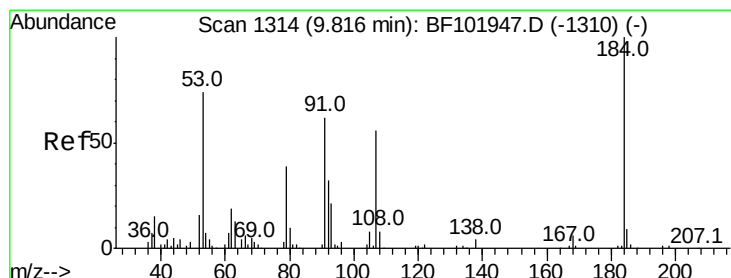
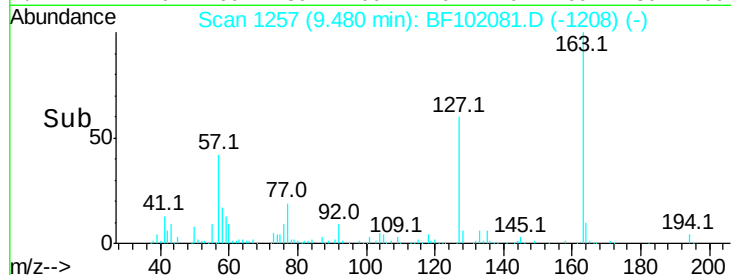
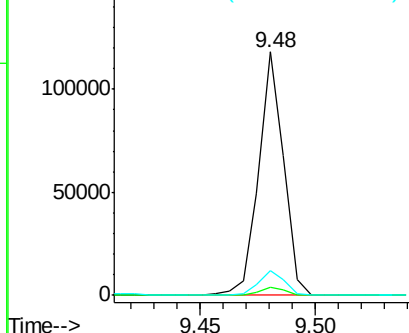
#49
Dimethylphthalate
Concen: 3.967 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 89064
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

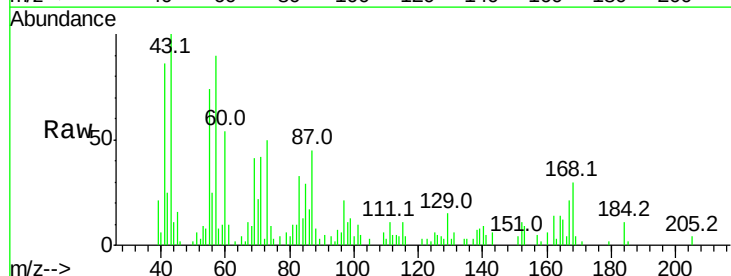


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

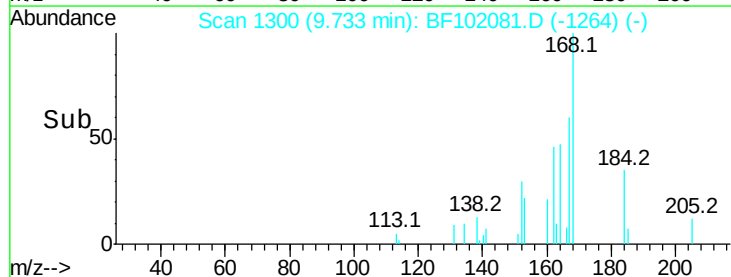
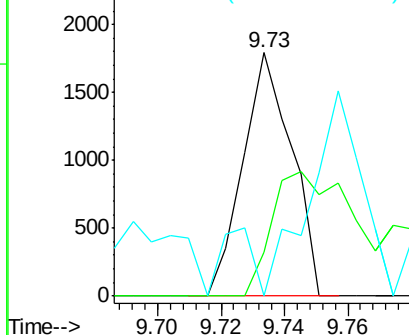


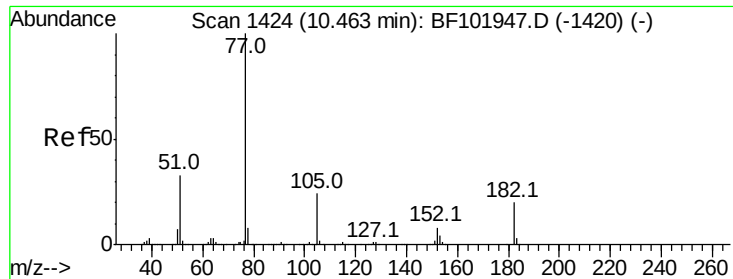
#53
2,4-Dinitrophenol
Concen: 9.649 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.09 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion:184 Resp: 1905
Ion Ratio Lower Upper
184 100
63 18.1 54.2 81.2#
154 0.0 184.0 276.0#



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

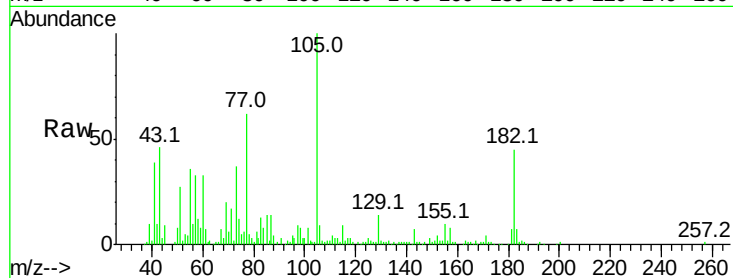




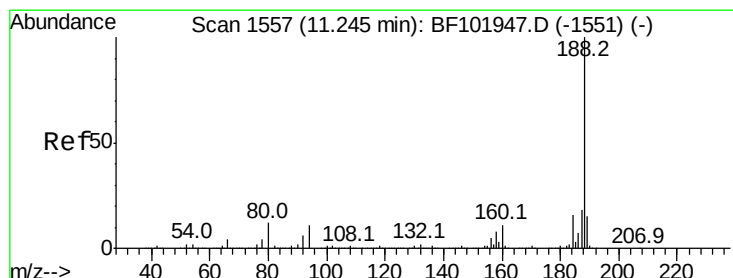
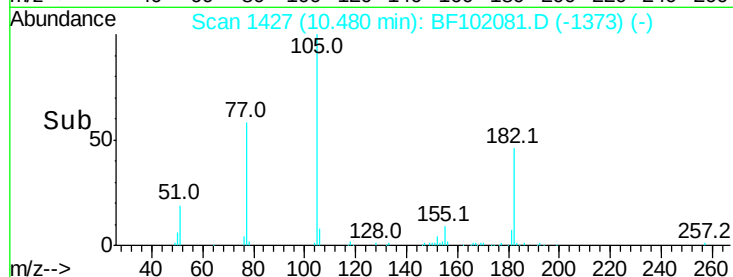
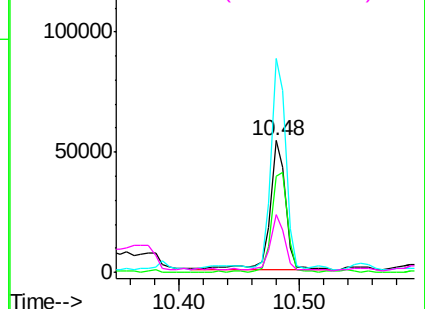
#62
Azobenzene
Concen: 2.198 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 48832
Ion Ratio Lower Upper
77 100
182 73.3 1.7 41.7#
105 162.2 3.0 43.0#
51 43.6 9.9 49.9

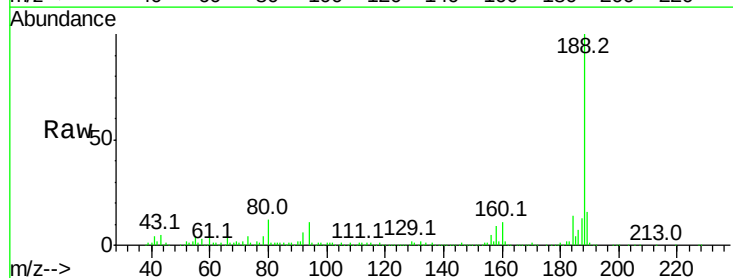


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

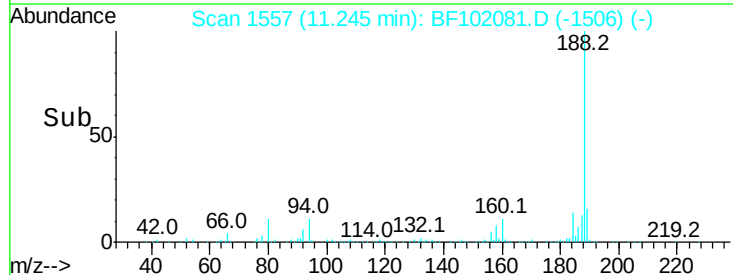
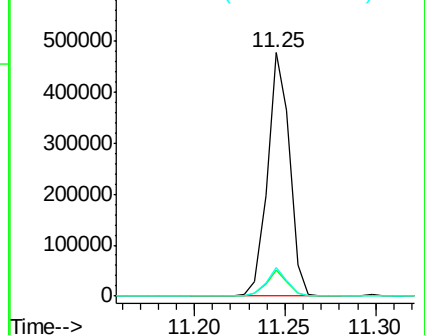


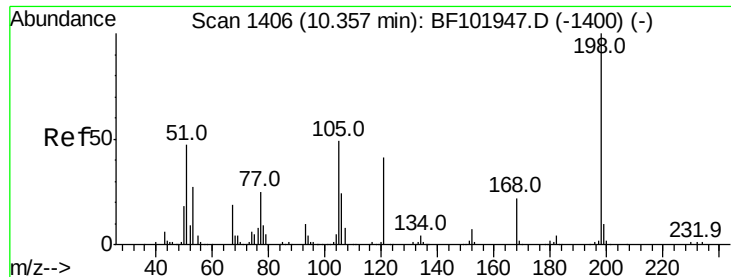
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102081.D
Acq: 15 Jan 2018 23:33

Tgt Ion: 188 Resp: 400817
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.711 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

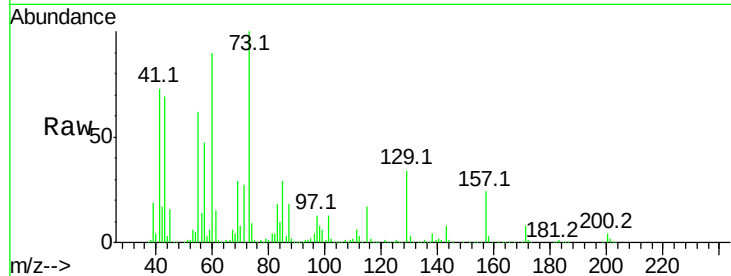
Tot Ion:198 Resp: 121

Ion Ratio Lower Upper

198 100

51 2872.4 37.7 77.7#

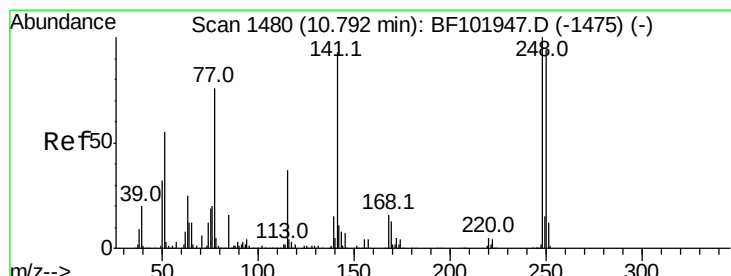
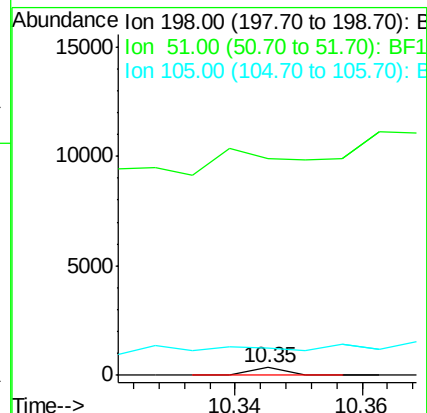
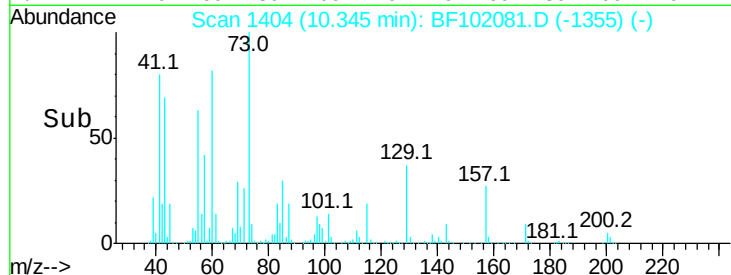
105 367.7 36.3 76.3#



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: 3.853 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

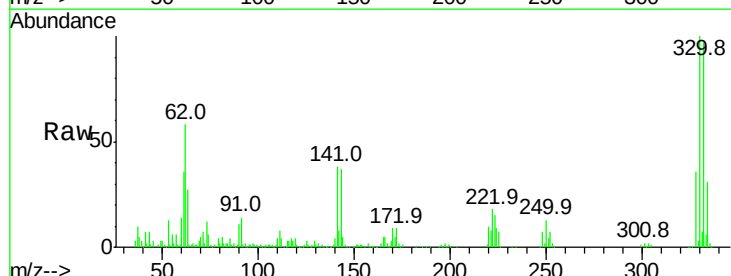
Tgt Ion:248 Resp: 16309

Ion Ratio Lower Upper

248 100

250 192.8 76.9 115.3#

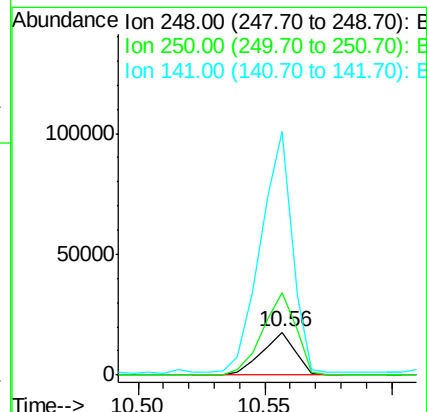
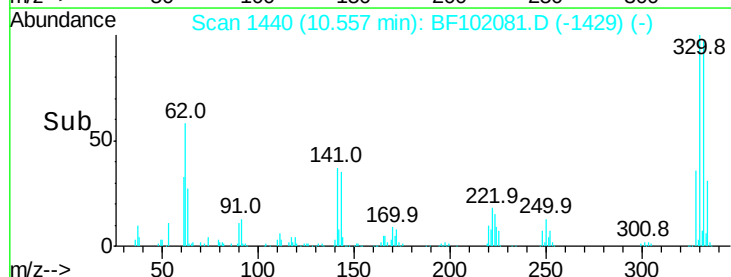
141 570.3 74.4 111.6#

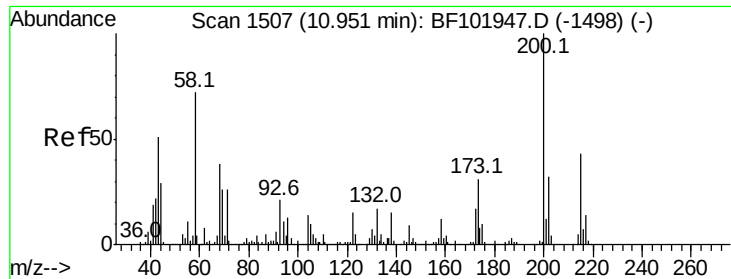


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 6.236 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.10 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampleId :

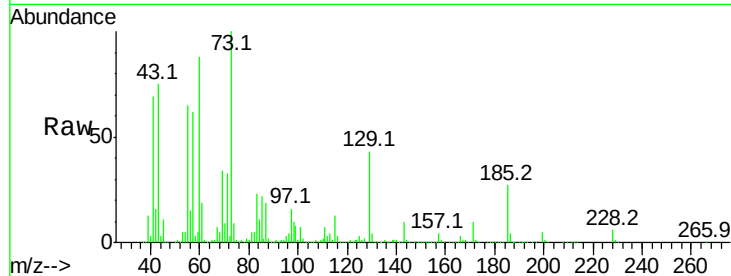
Tot Ion:200 Resp: 27047

Ion Ratio Lower Upper

200 100

173 19.5 8.6 48.6

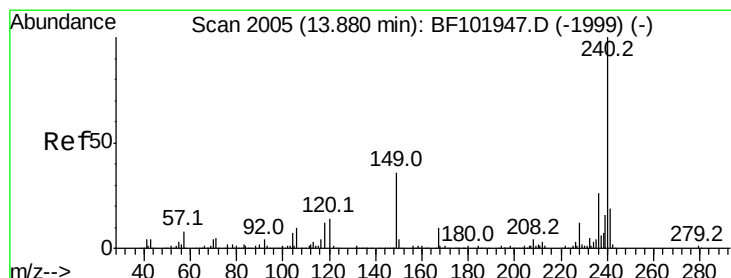
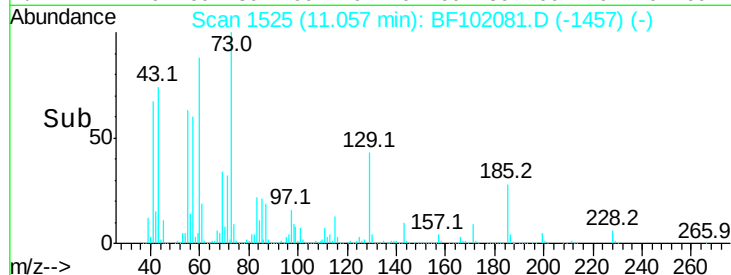
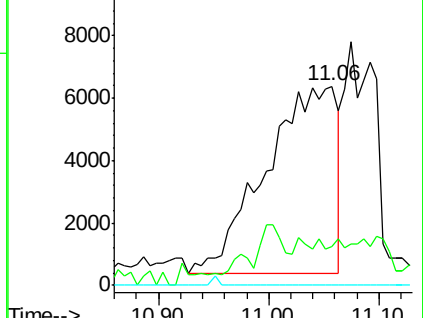
215 0.0 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

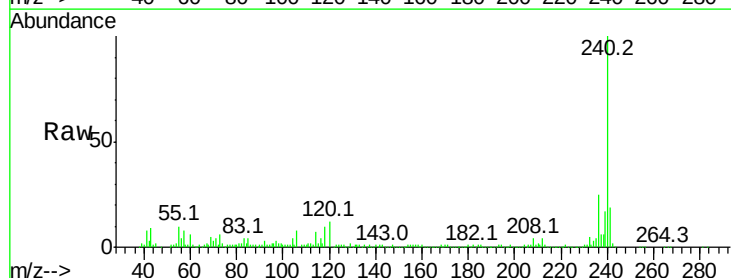
Tgt Ion:240 Resp: 269349

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

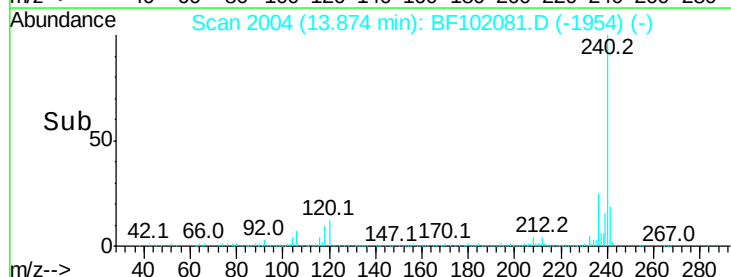
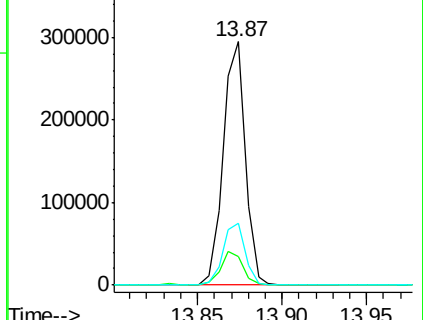
236 25.2 20.7 31.1

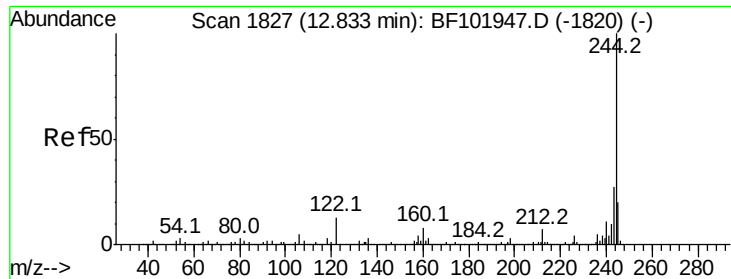


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.800 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

Instrument :

BNA_F

ClientSampled :

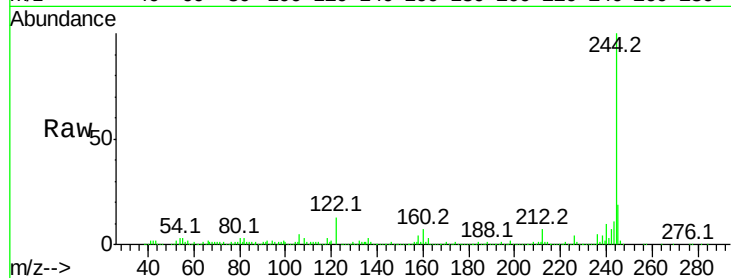
Tot Ion:244 Resp: 1048202

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

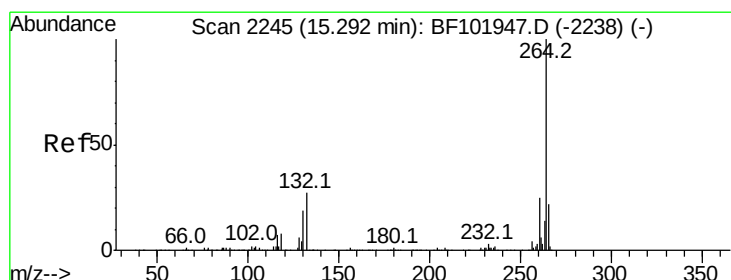
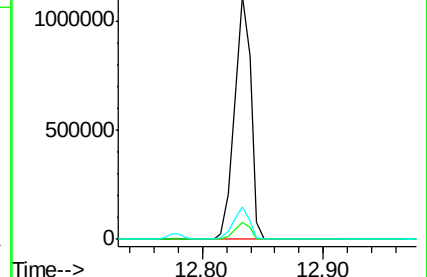
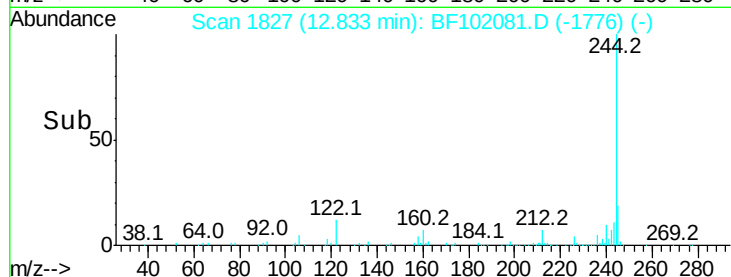
122 13.3 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102081.D

Acq: 15 Jan 2018 23:33

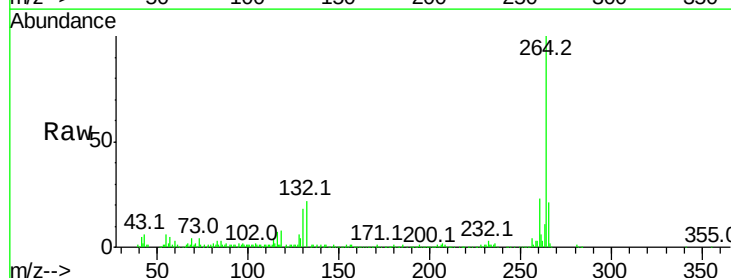
Tgt Ion:264 Resp: 277786

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

