

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102135.D
 Acq On : 17 Jan 2018 2:50
 Operator : SJ/JU
 Sample : J1122-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 04:13:57 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

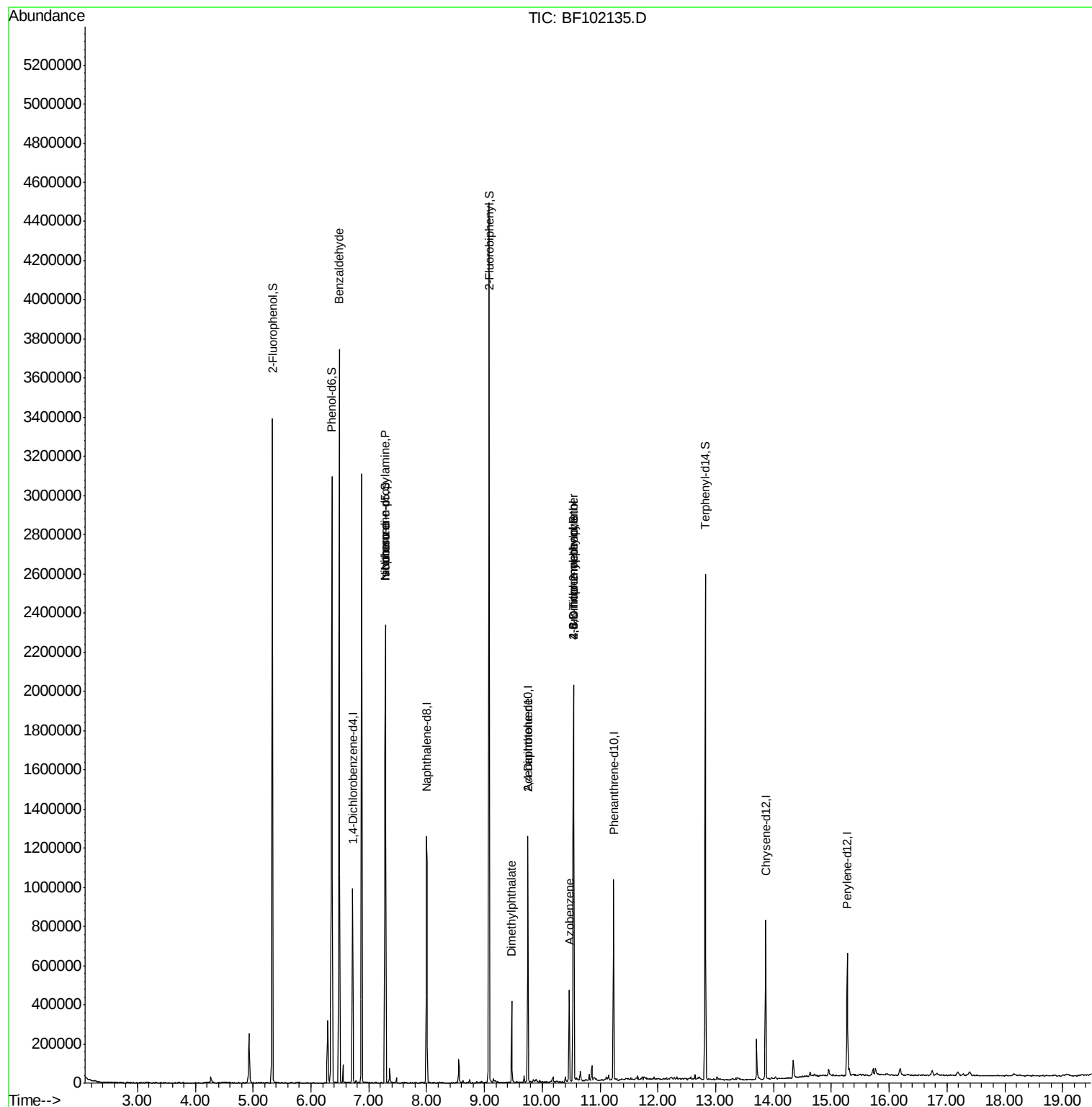
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138137	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559647	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	231763	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	328544	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	250520	20.00	ng	-0.02
86) Perylene-d12	15.27	264	271333	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1024582	104.74	ng	0.00
7) Phenol-d6	6.36	99	1217515	104.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	783493	82.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	223991	110.75	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1350503	91.03	ng	-0.01
78) Terphenyl-d14	12.82	244	874151	72.45	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	23146	2.856	ng	86
19) n-Nitroso-di-n-propylamine	7.29	70	107029	13.993	ng	# 80
25) Isophorone	7.29	82	783485	41.635	ng	# 64
49) Dimethylphthalate	9.47	163	160965	8.658	ng	98
56) 2,4-Dinitrotoluene	9.75	165	29061	6.243	ng	# 23
62) Azobenzene	10.47	77	78648	4.274	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	499	5.909	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14634	4.218	ng	# 1

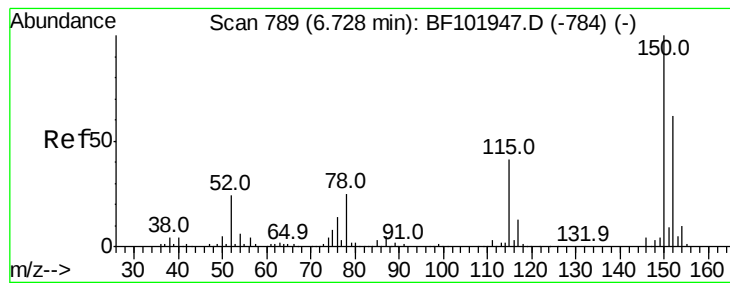
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102135.D
Acq On : 17 Jan 2018 2:50
Operator : SJ/JU
Sample : J1122-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 17 04:13:57 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



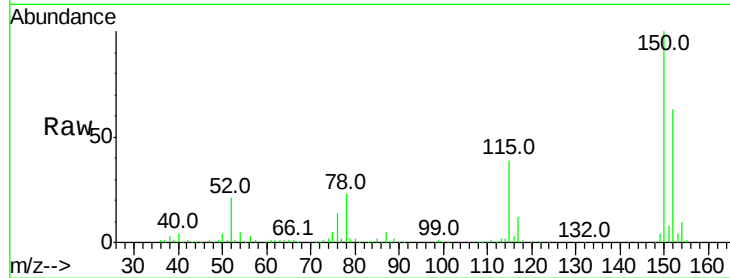


#1

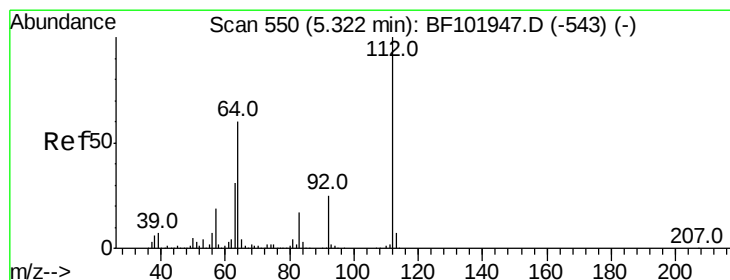
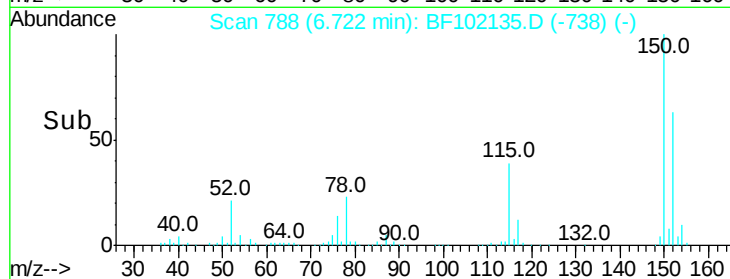
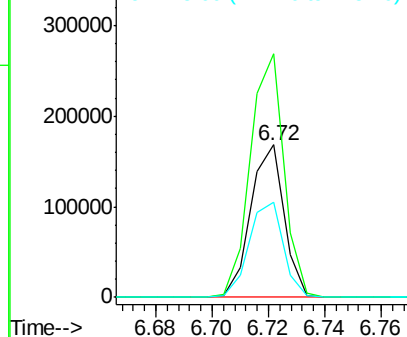
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138137
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.8 50.1 75.1



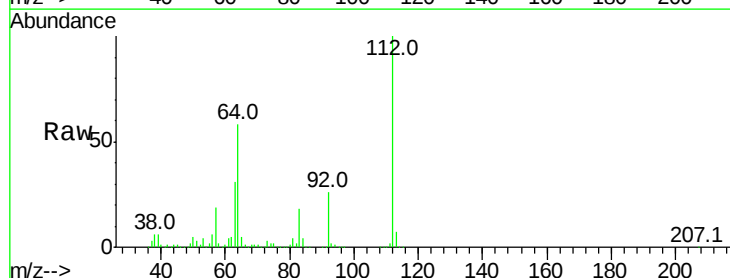
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



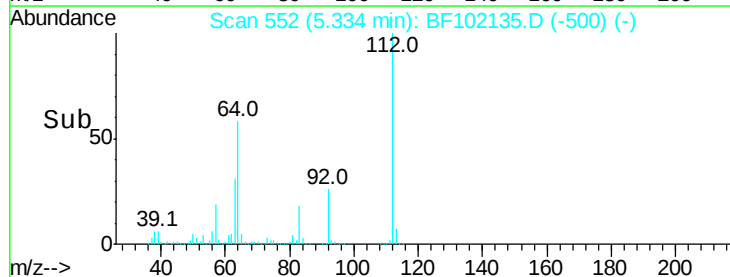
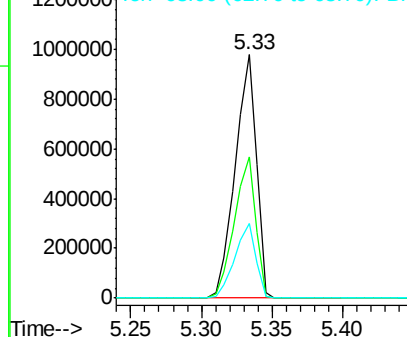
#5

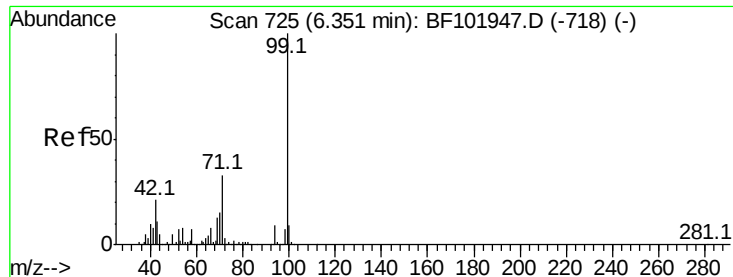
2-Fluorophenol
Concen: 104.736 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Tgt Ion:112 Resp: 1024582
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.9 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: 104.315 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

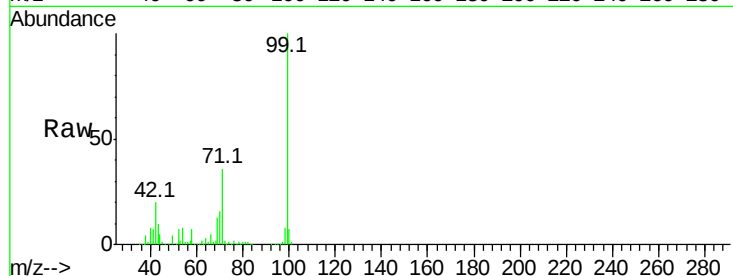
Tot Ion: 99 Resp: 1217515

Ion Ratio Lower Upper

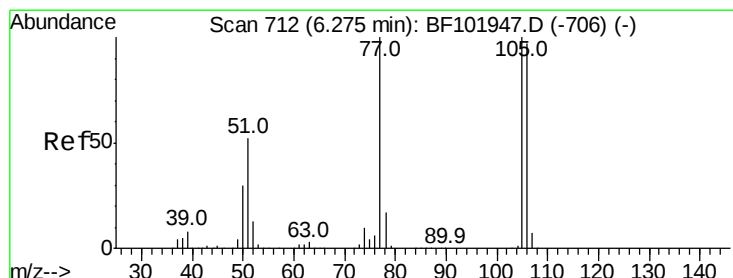
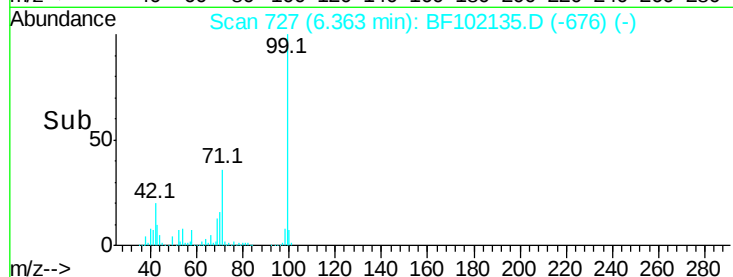
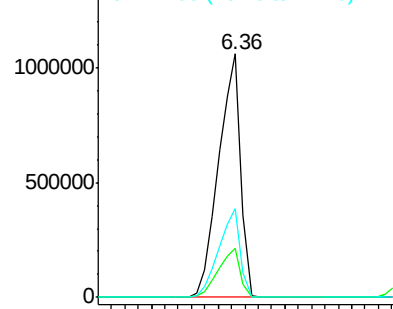
99 100

42 20.3 14.5 21.7

71 36.3 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: 2.856 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

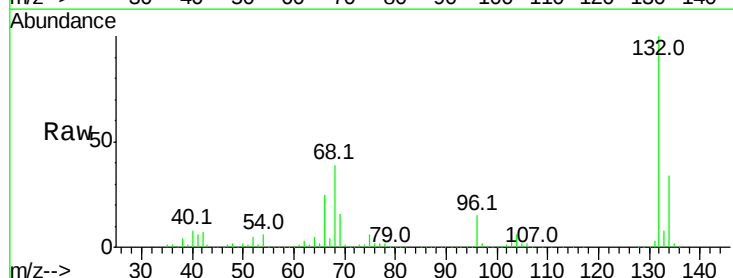
Tgt Ion: 77 Resp: 23146

Ion Ratio Lower Upper

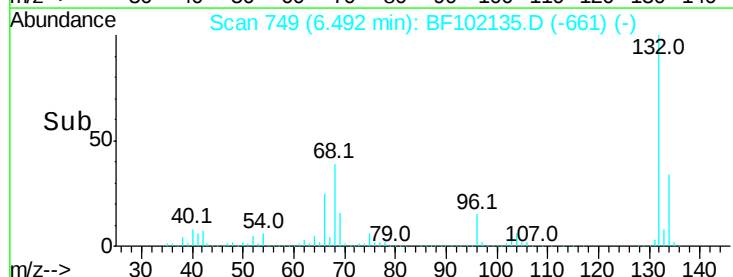
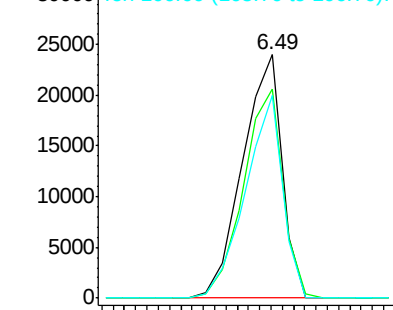
77 100

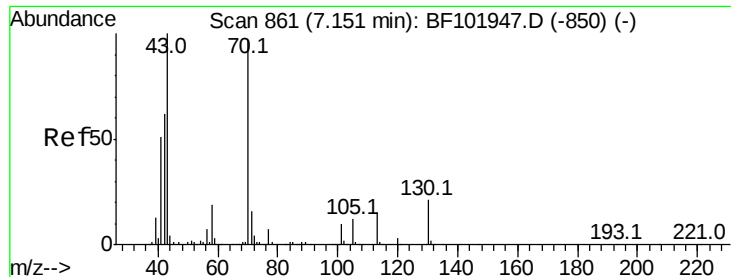
105 85.7 81.1 121.1

106 83.0 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

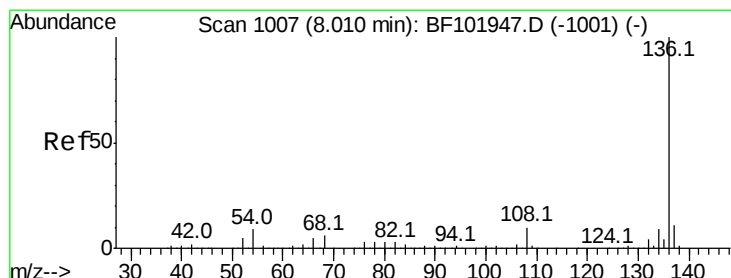
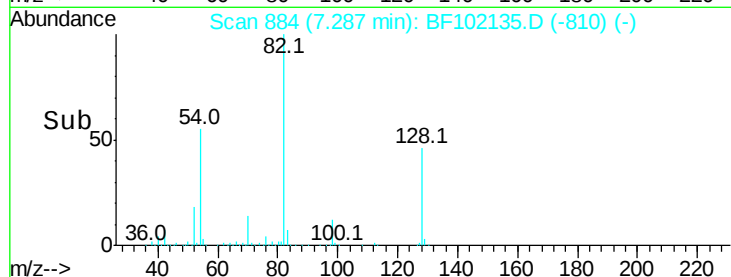
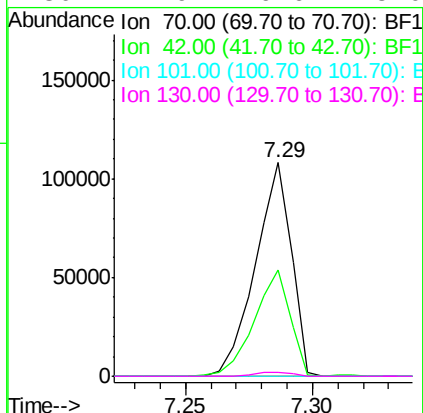
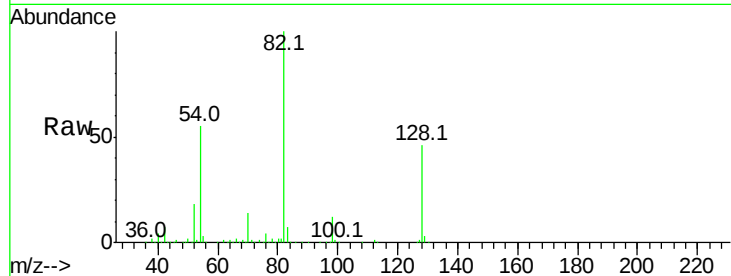




#19
n-Nitroso-di-n-propylamine
Concen: 13.993 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

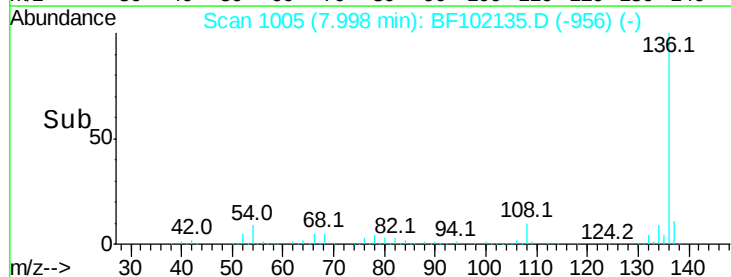
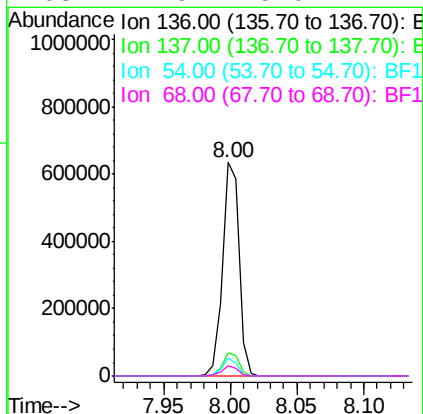
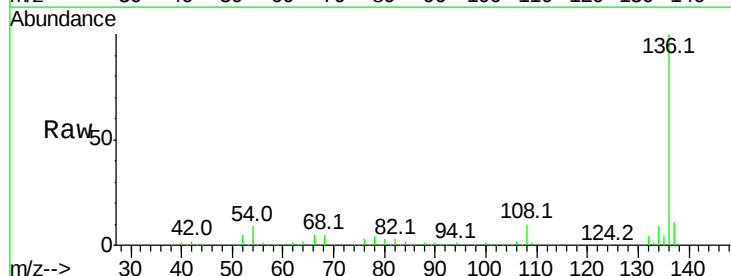
Instrument :
BNA_F
ClientSampleId :

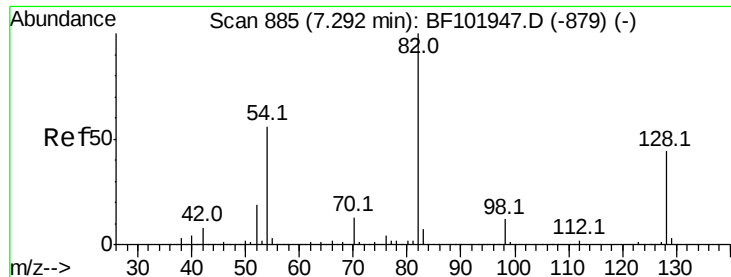
Tot Ion: 70 Resp: 107029
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Tgt Ion: 136 Resp: 559647
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.5 6.6 9.8
68 4.9 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 82.268 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

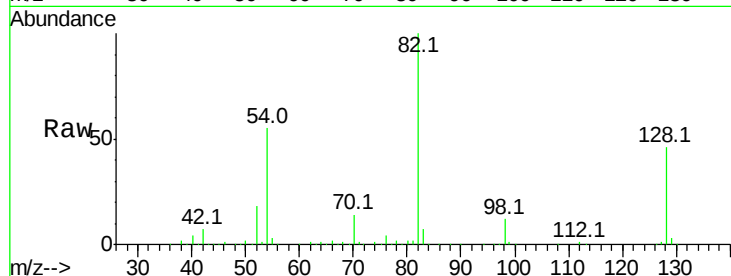
Tot Ion: 82 Resp: 783493

Ion Ratio Lower Upper

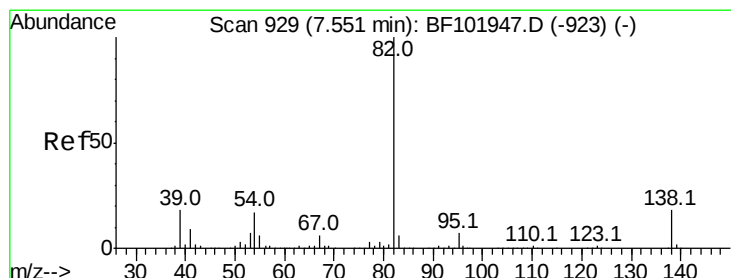
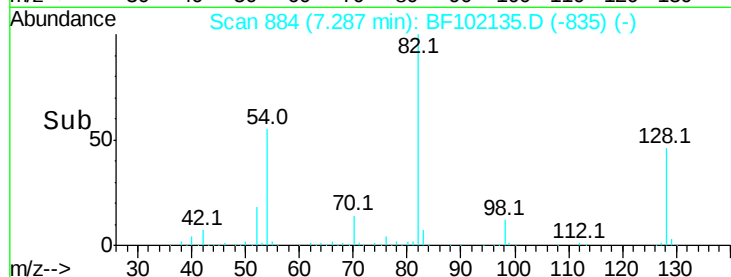
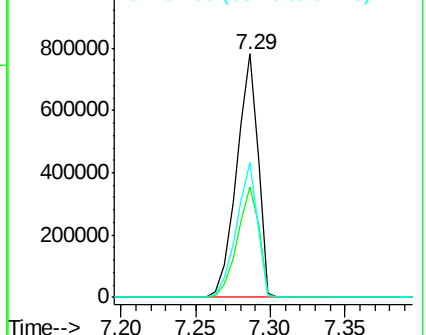
82 100

128 45.5 36.1 54.1

54 55.4 41.4 62.2



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



#25

Isophorone

Concen: 41.635 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

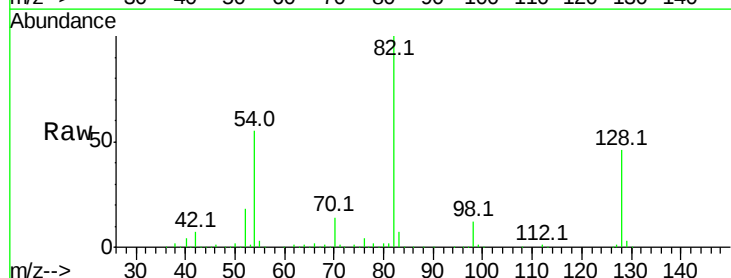
Tgt Ion: 82 Resp: 783485

Ion Ratio Lower Upper

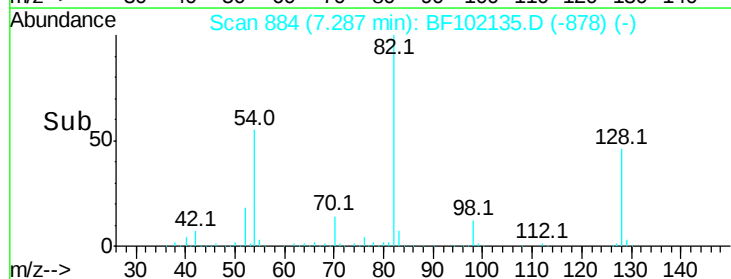
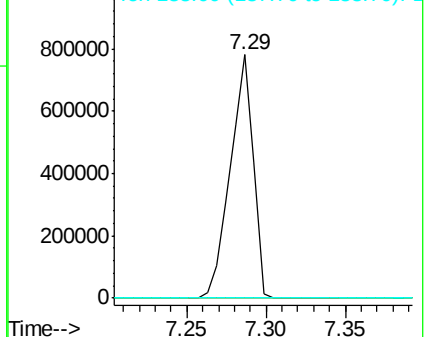
82 100

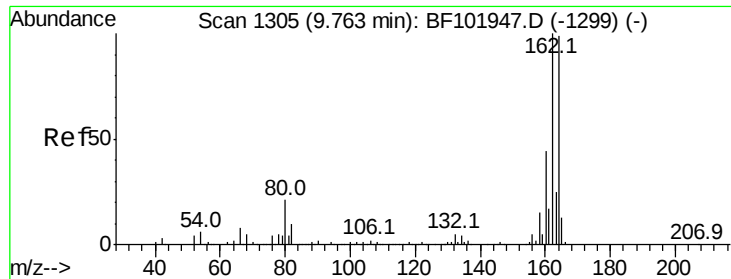
95 0.0 5.2 7.8#

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

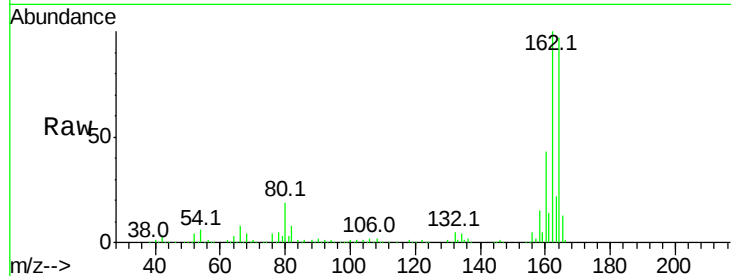
Tot Ion:164 Resp: 231763

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

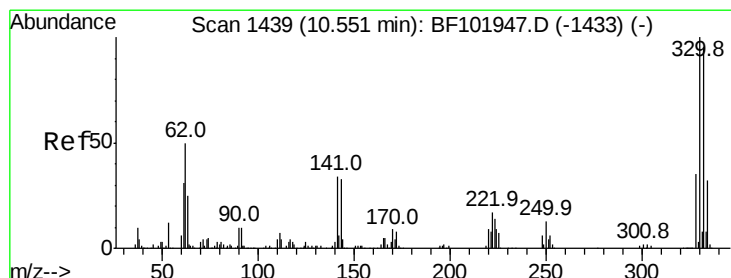
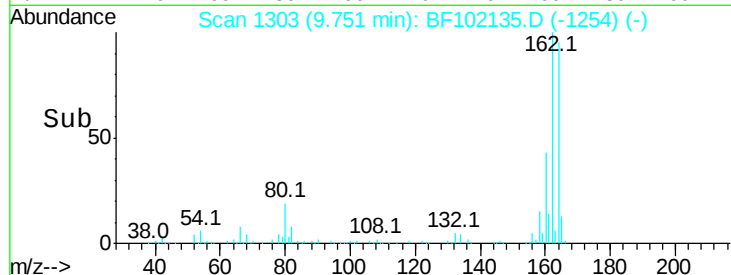
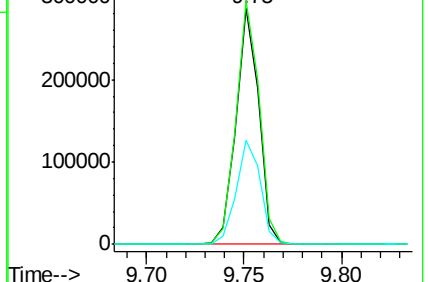
160 44.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 110.746 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

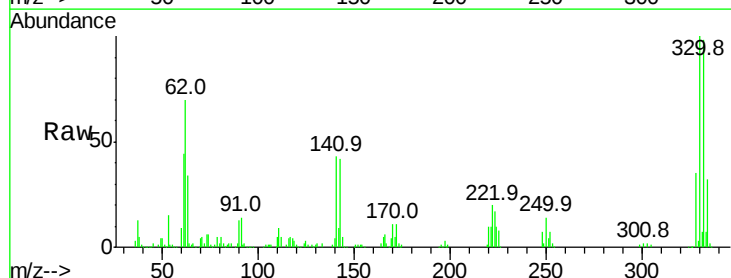
Tgt Ion:330 Resp: 223991

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

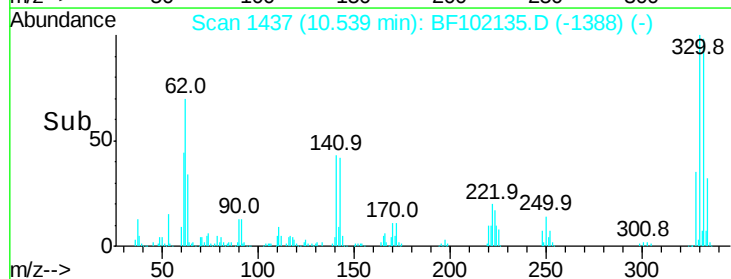
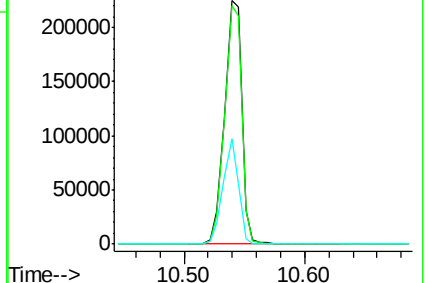
141 38.8 29.9 44.9

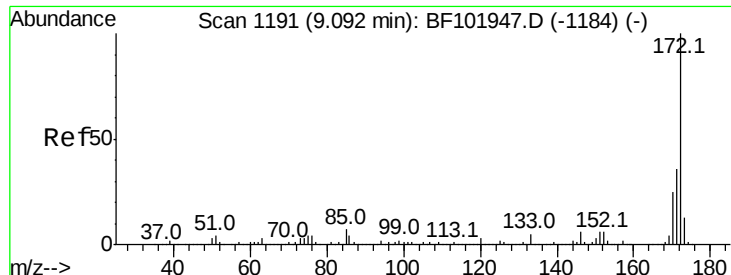


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

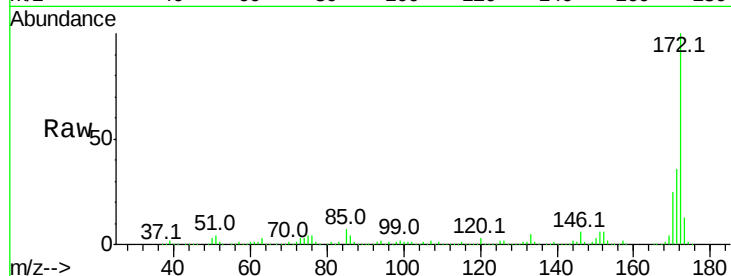




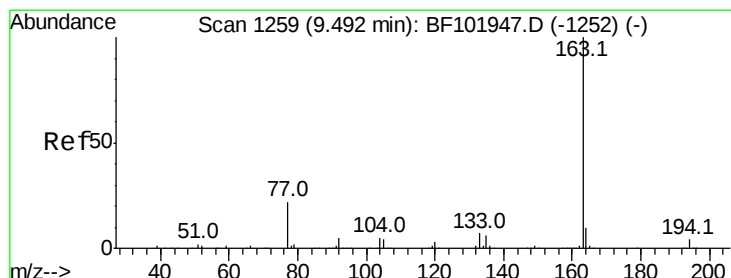
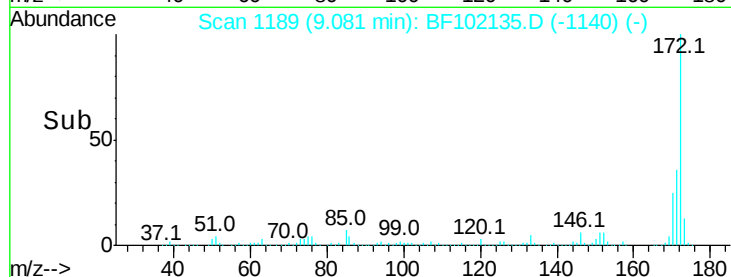
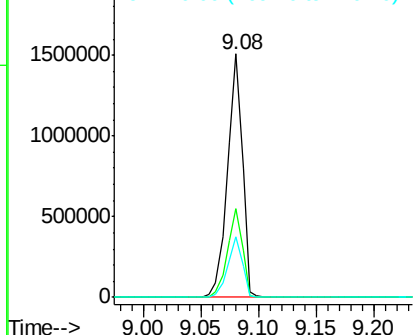
#44
2-Fluorobiphenyl
Concen: 91.035 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1350503
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.7 19.6 29.4

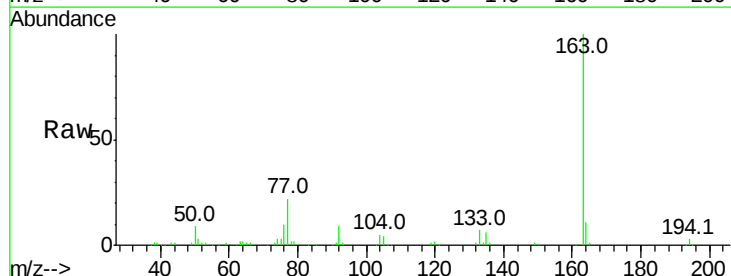


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

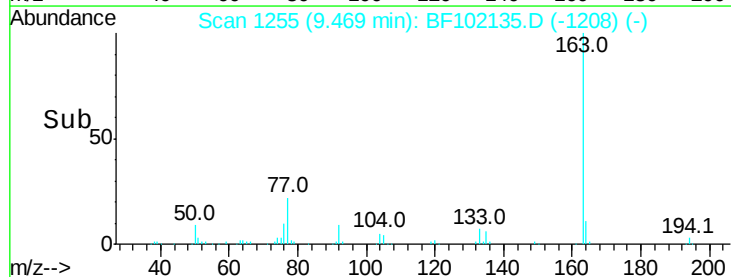
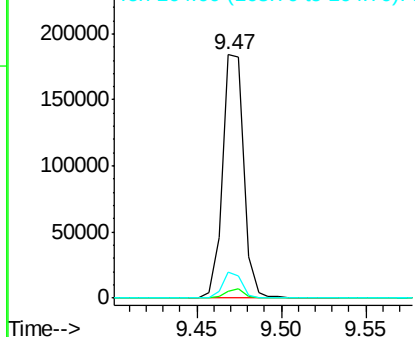


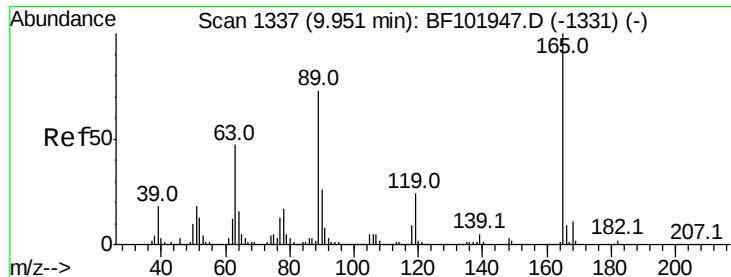
#49
Dimethylphthalate
Concen: 8.658 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Tgt Ion:163 Resp: 160965
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.9 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

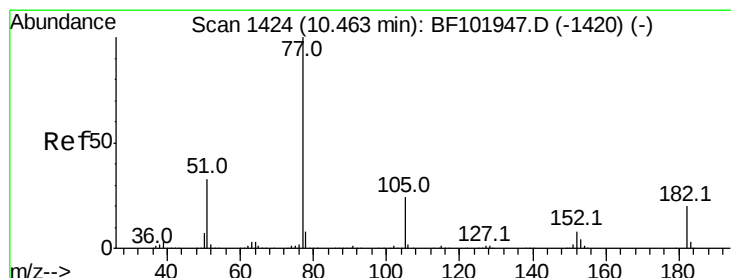
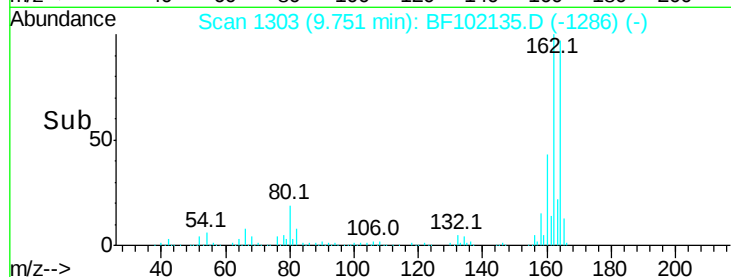
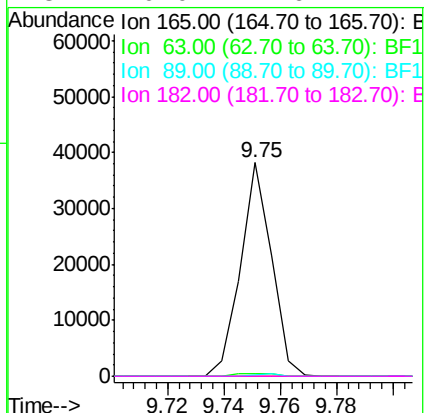
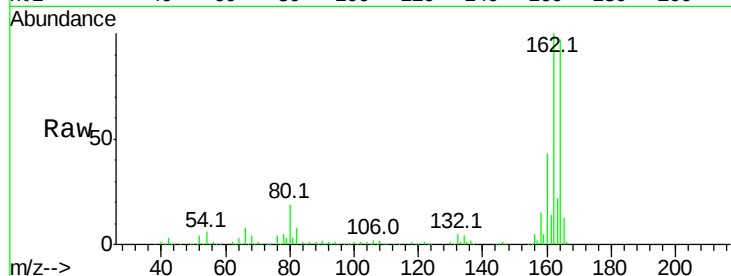




#56
 2,4-Dinitrotoluene
 Concen: 6.243 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102135.D
 Acq: 17 Jan 2018 2:50

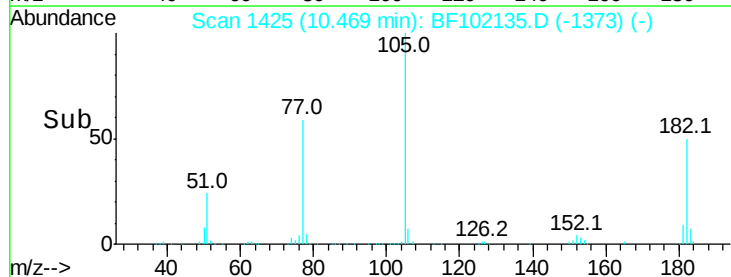
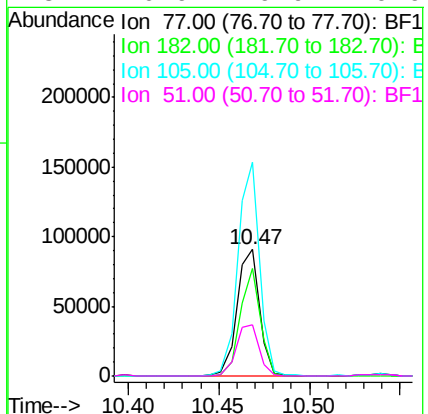
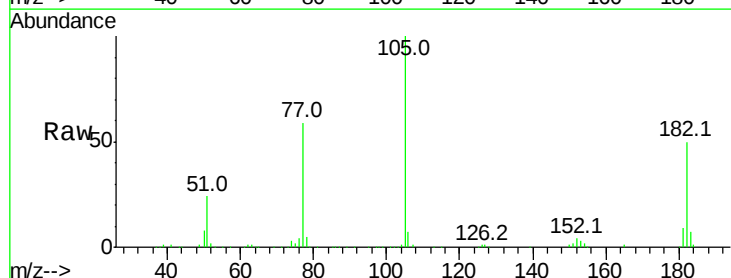
Instrument :
 BNA_F
 ClientSampleId :

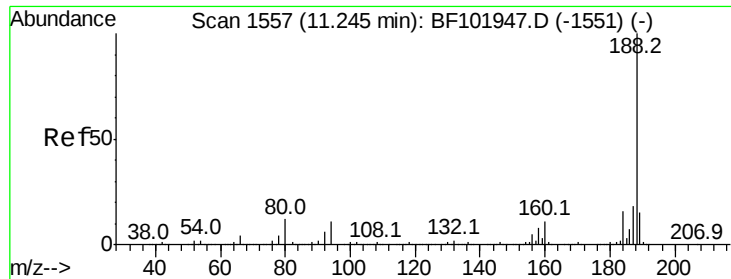
Tot Ion:	165	Resp:	29061
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.8	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.274 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102135.D
 Acq: 17 Jan 2018 2:50

Tgt Ion:	77	Resp:	78648
Ion	Ratio	Lower	Upper
77	100		
182	85.3	1.7	41.7#
105	169.3	3.0	43.0#
51	40.9	9.9	49.9

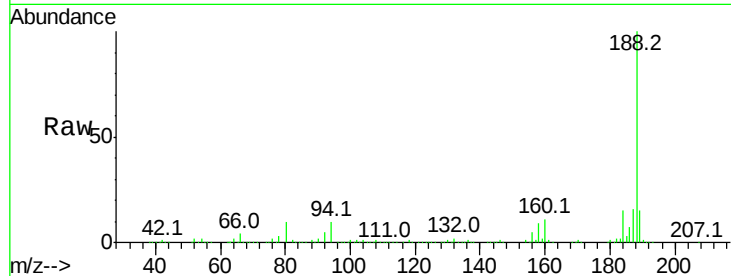




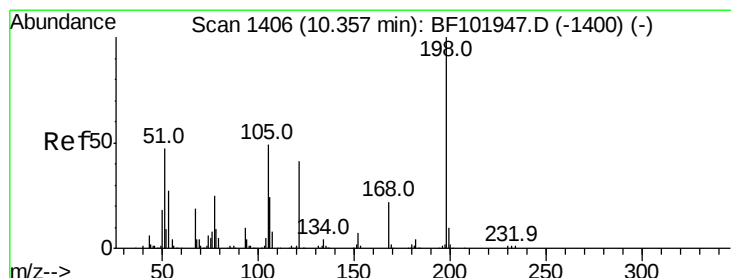
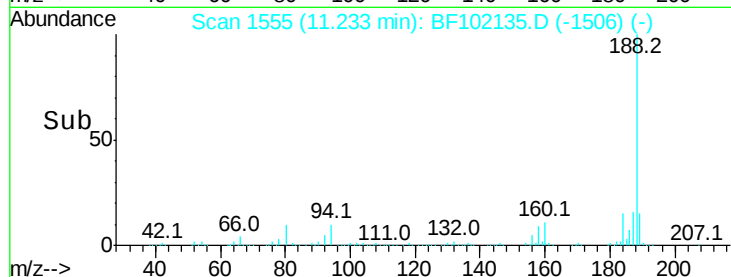
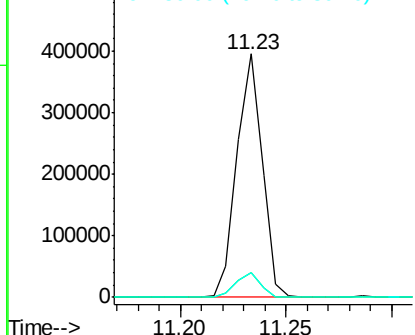
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 328544
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.3 9.2 13.8

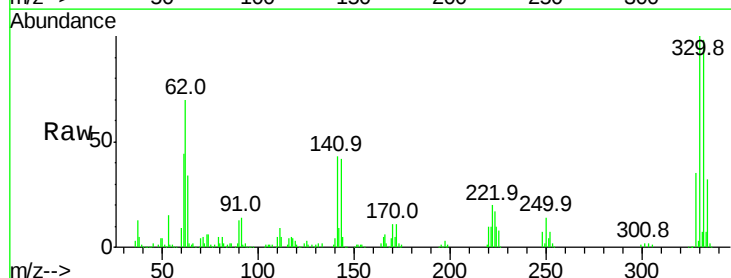


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

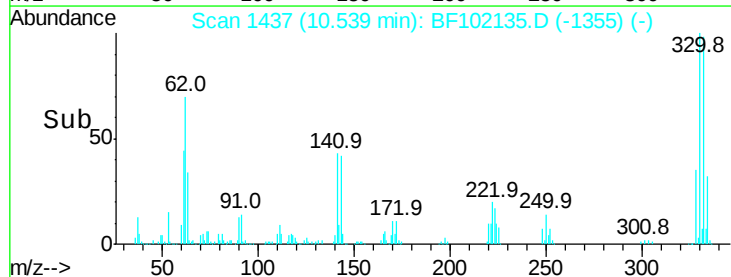
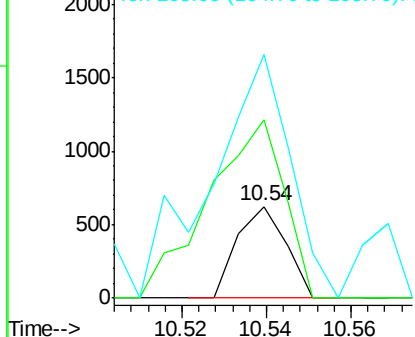


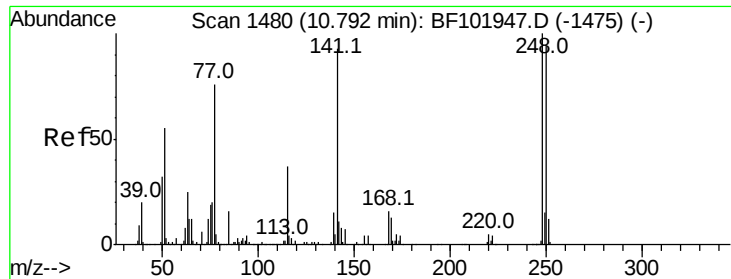
#64
4,6-Dinitro-2-methylphenol
Concen: 5.909 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Tgt Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 194.1 37.7 77.7#
105 265.1 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

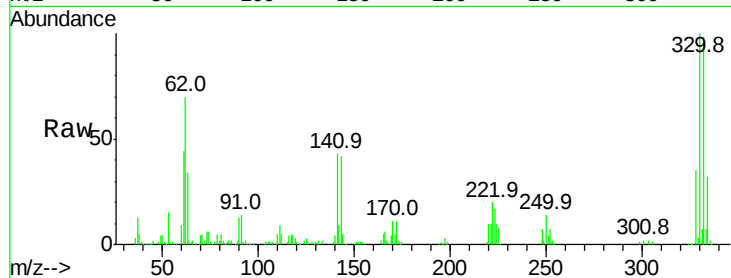




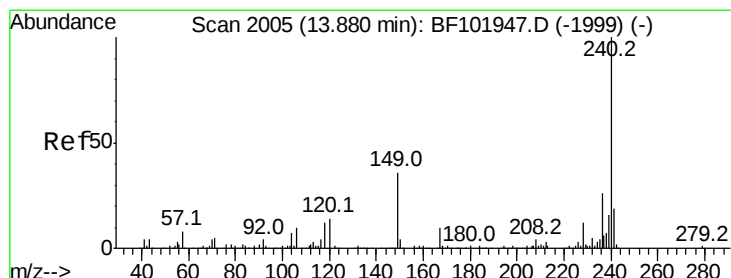
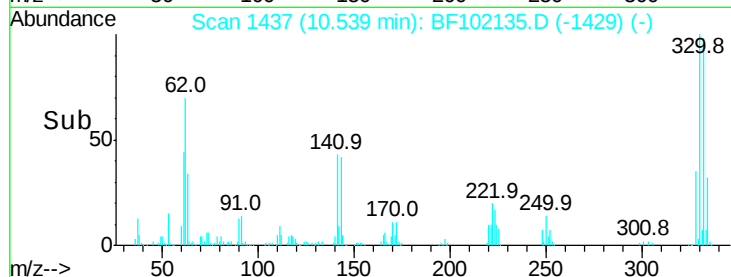
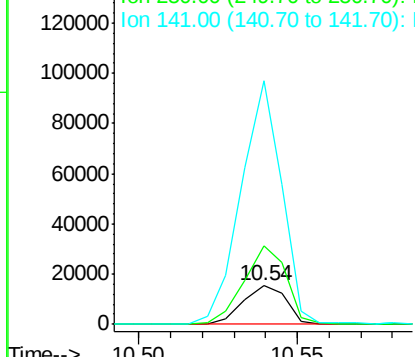
#66
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14634
Ion Ratio Lower Upper
248 100
250 202.0 76.9 115.3#
141 629.7 74.4 111.6#

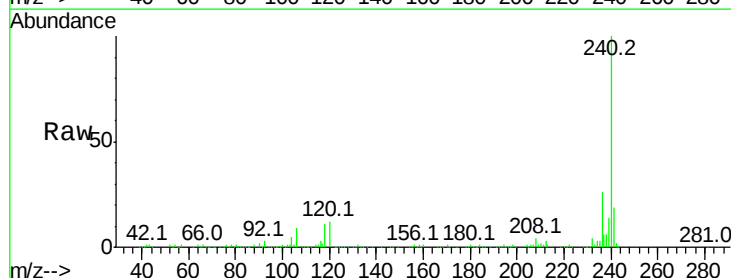


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

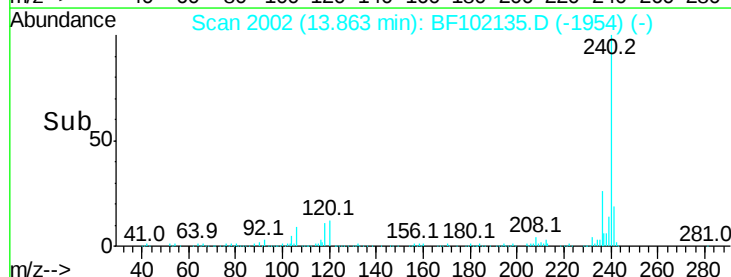
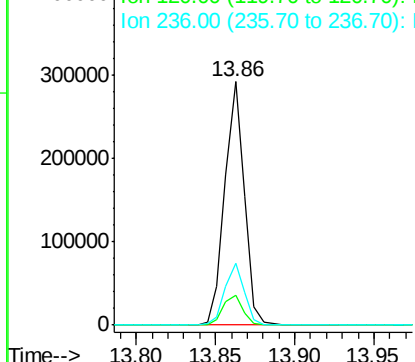


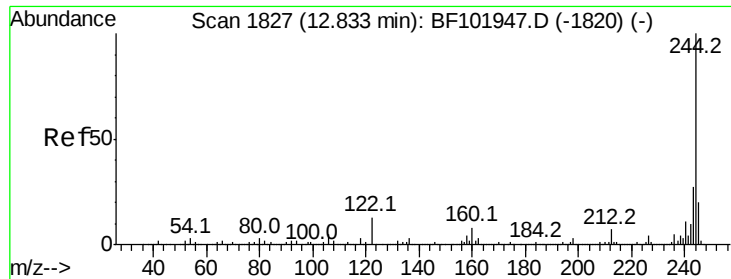
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Tgt Ion:240 Resp: 250520
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.6 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: 72.448 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

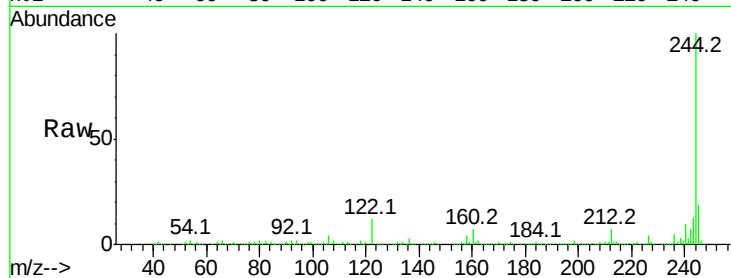
Tot Ion:244 Resp: 874151

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

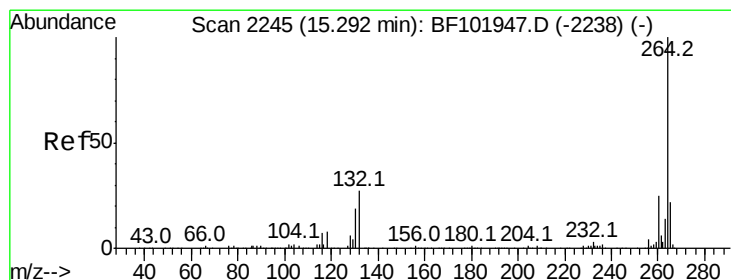
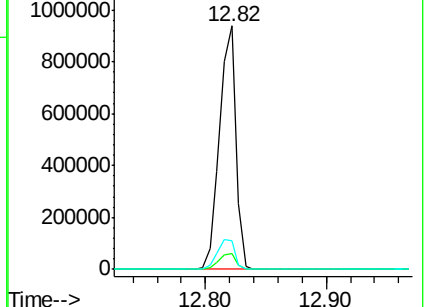
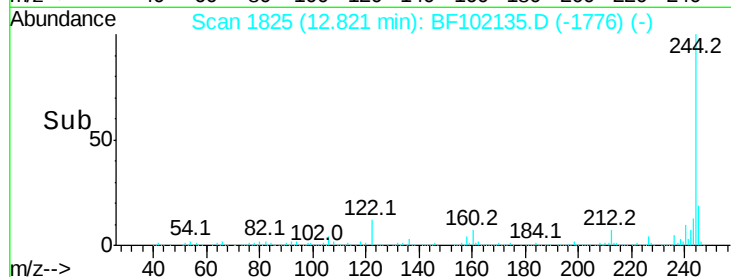
122 11.8 11.0 16.4



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: 15.27 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

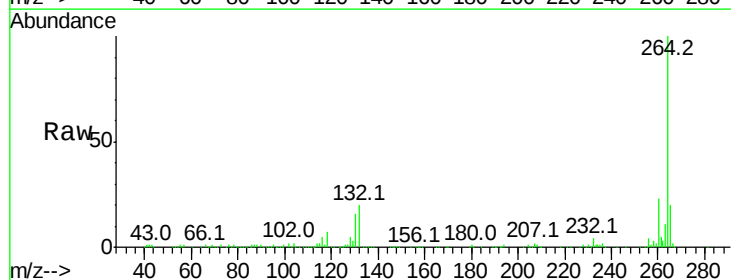
Tgt Ion:264 Resp: 271333

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.2 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

