

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104154.D
 Acq On : 3 Apr 2018 2:13
 Operator : JU/SJ
 Sample : J2173-01DL2 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 03:08:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

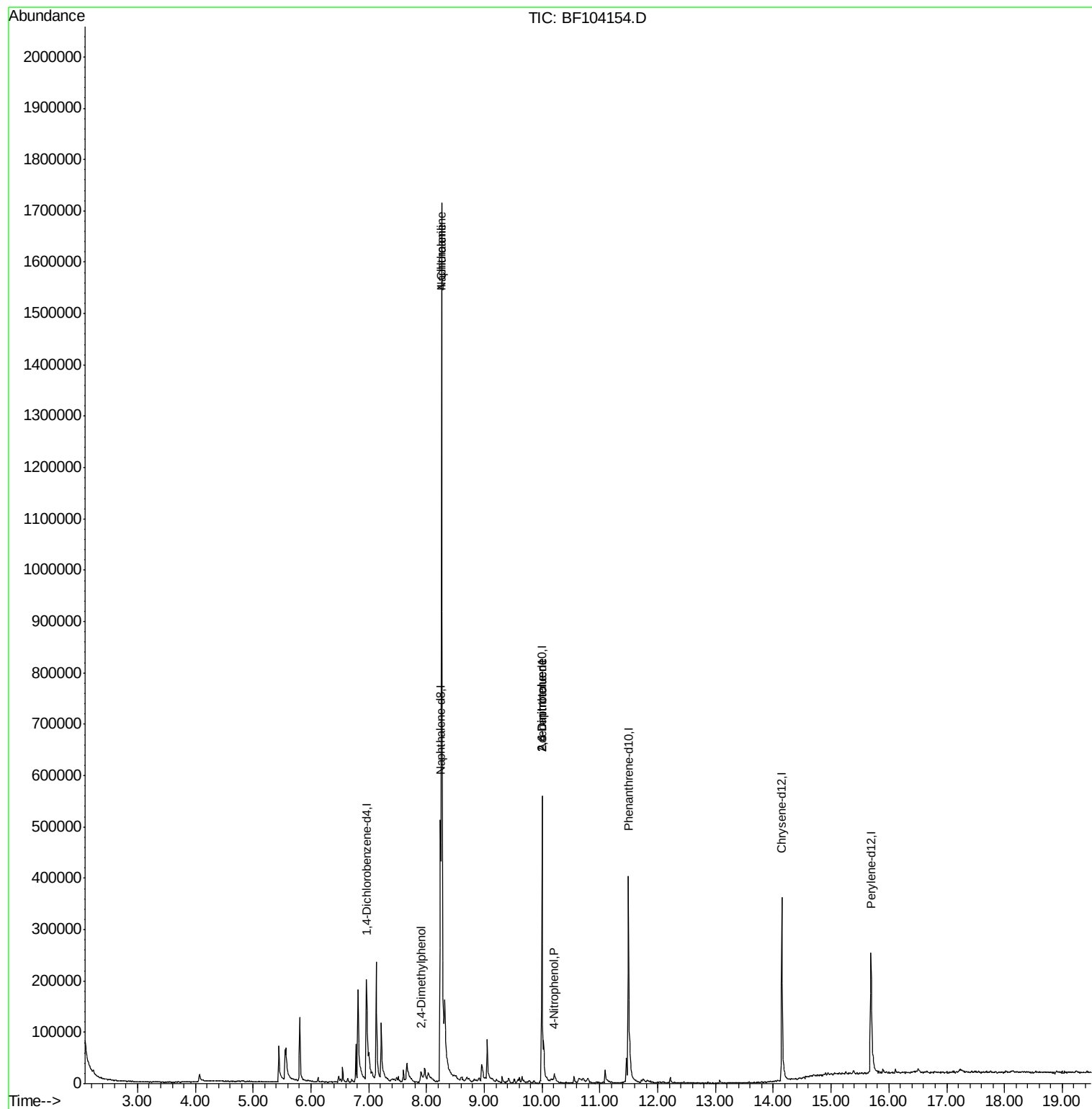
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	75156	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338300	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	145804	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	216310	20.00	ng	0.00
75) Chrysene-d12	14.14	240	190736	20.00	ng	0.00
86) Perylene-d12	15.69	264	176444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	110	0.02	ng	-0.04
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.56	82	1114	0.20	ng	0.04
41) 2,4,6-Tribromophenol	10.80	330	1057	0.65	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	10481	1.13	ng	0.00
78) Terphenyl-d14	13.07	244	5189	0.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	523	Below Cal		Qvalue # 1
27) 2,4-Dimethylphenol	7.92	122	14678	3.350	ng	# 81
31) Naphthalene	8.26	128	991920	60.018	ng	# 99
33) 4-Chloroaniline	8.26	127	130913	18.789	ng	# 32
50) 2,6-Dinitrotoluene	9.99	165	18424	7.439	ng	# 24
55) 4-Nitrophenol	10.21	139	5242	3.071	ng	# 9
56) 2,4-Dinitrotoluene	9.99	165	18424	5.830	ng	# 21

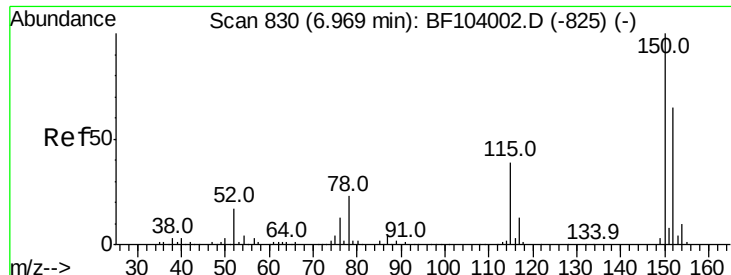
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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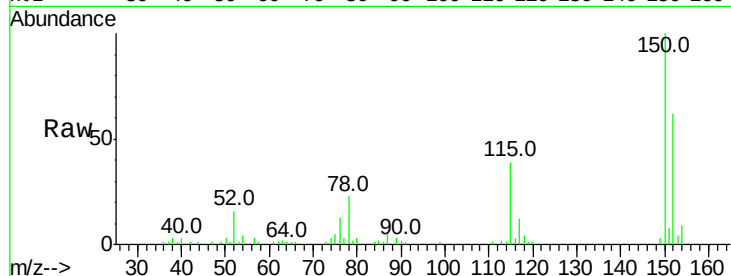


#1

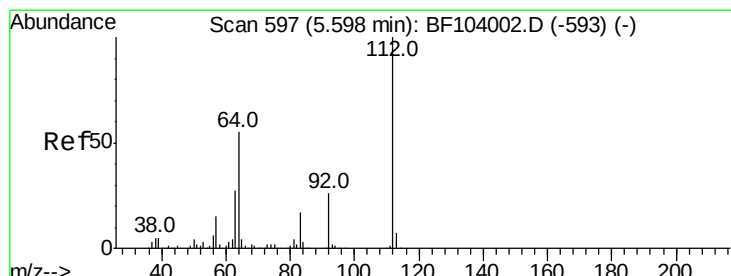
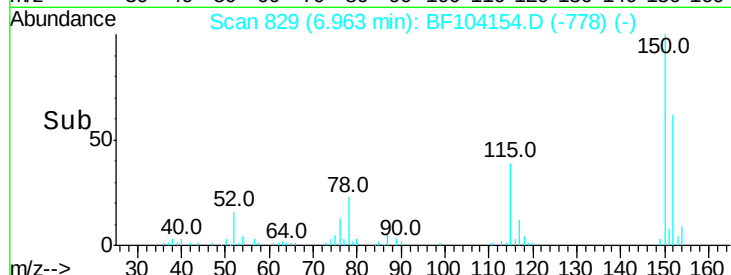
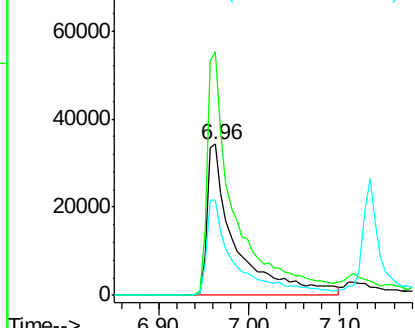
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104154.D
Acq: 3 Apr 2018 2:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75156
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 62.8 50.1 75.1



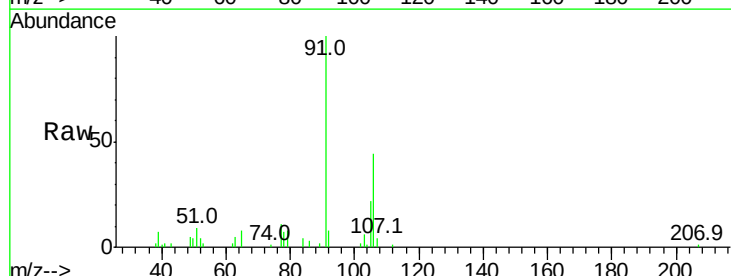
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



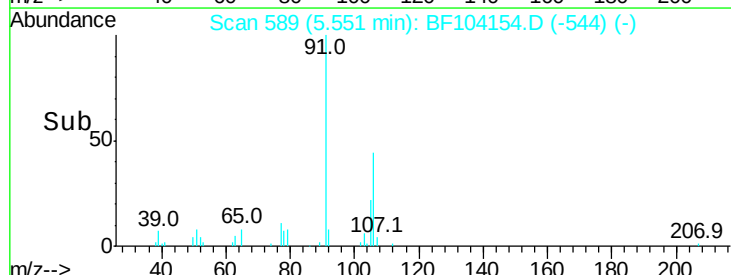
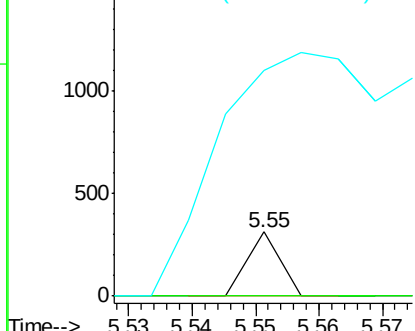
#5

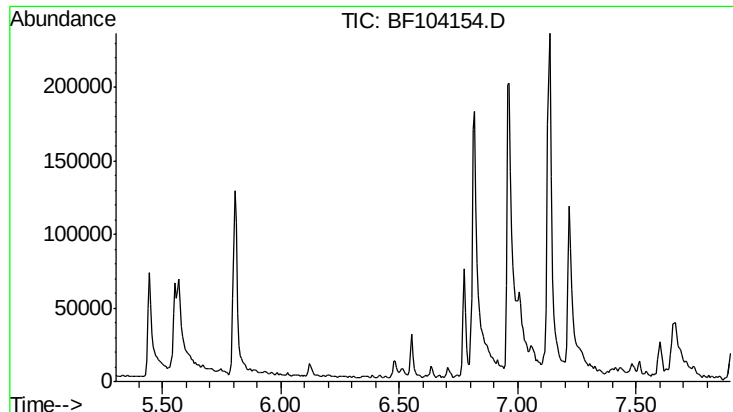
2-Fluorophenol
Concen: 0.023 ng
RT: 5.55 min Scan# 589
Delta R.T. -0.04 min
Lab File: BF104154.D
Acq: 3 Apr 2018 2:13

Tgt Ion:112 Resp: 110
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 352.7 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: 0.000 ng

Expected RT: 6.60 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

Instrument :

BNA_F

ClientSampleId :

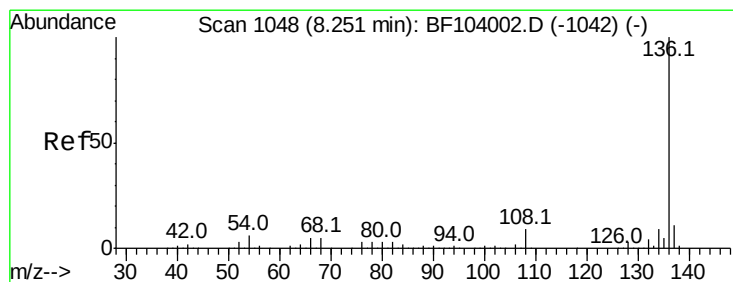
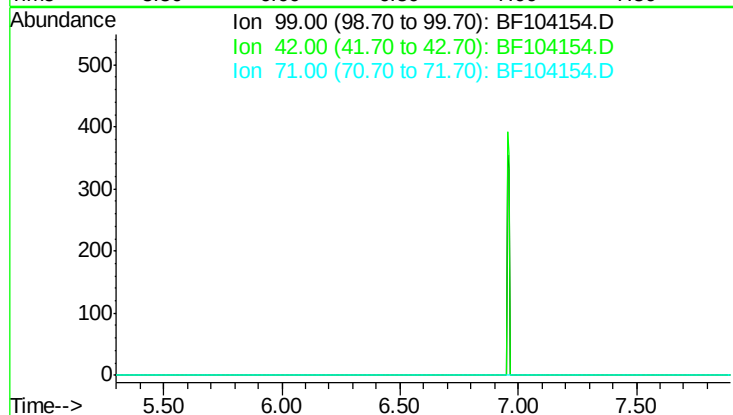
Tot Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

Tgt Ion:136 Resp: 338300

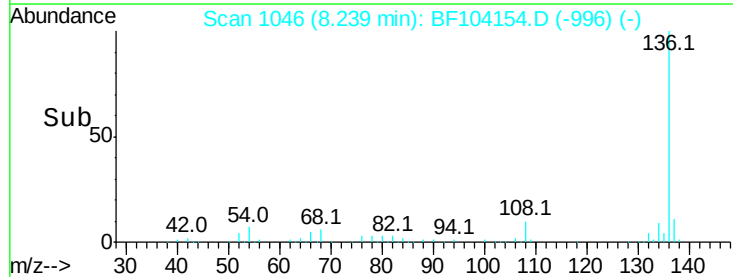
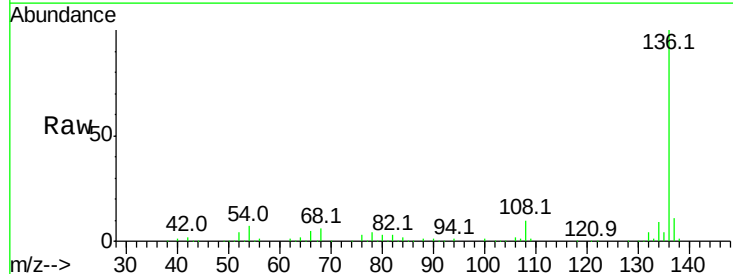
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

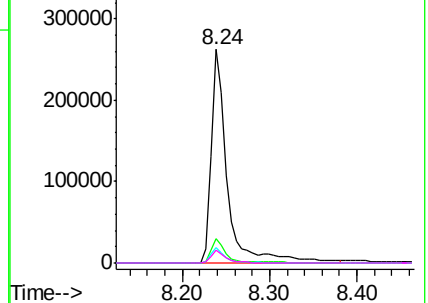


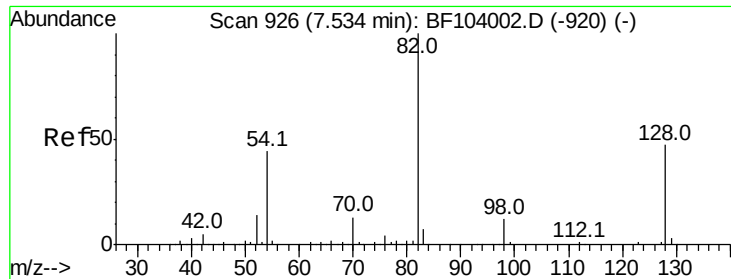
Abundance Ion 136.00 (135.70 to 136.70): E

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

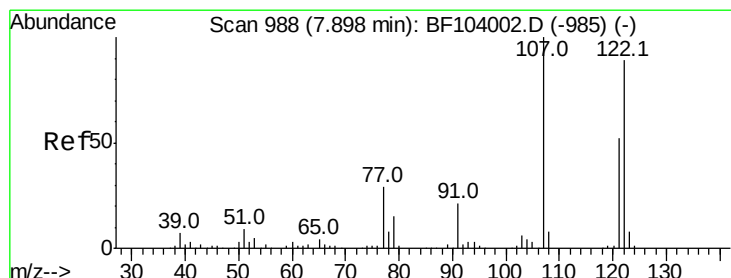
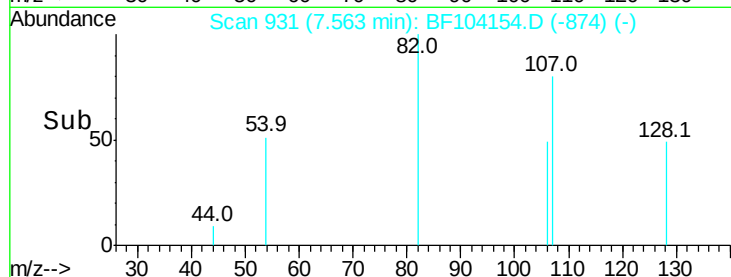
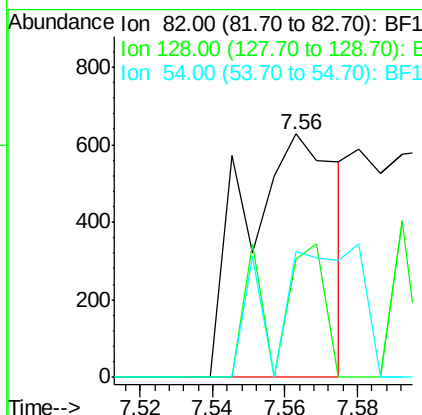
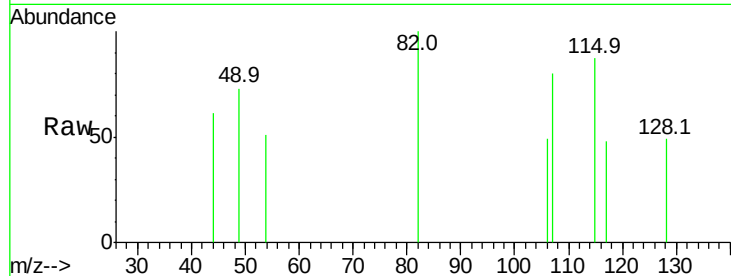




#23
 Nitrobenzene-d5
 Concen: 0.201 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.04 min
 Lab File: BF104154.D
 Acq: 3 Apr 2018 2:13

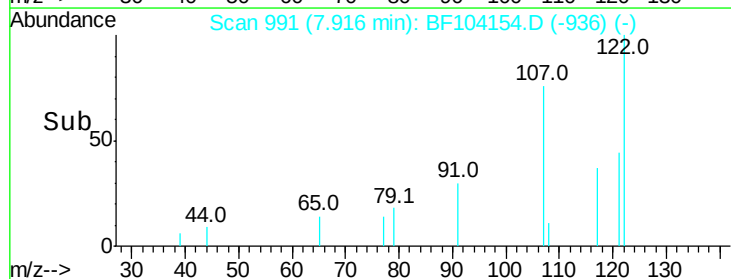
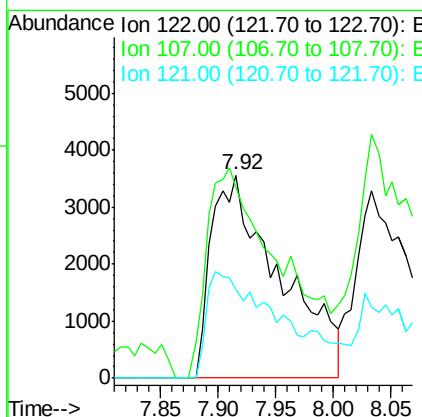
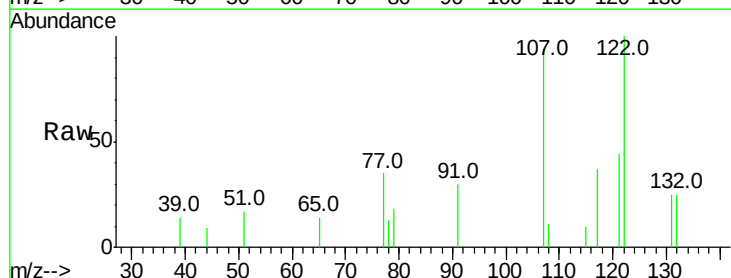
Instrument :
 BNA_F
 ClientSampleId :

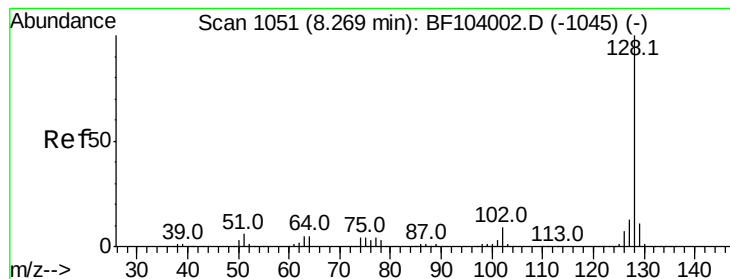
Tot Ion: 82 Resp: 1114
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 51.4 41.4 62.2



#27
 2,4-Dimethylphenol
 Concen: 3.350 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.02 min
 Lab File: BF104154.D
 Acq: 3 Apr 2018 2:13

Tgt Ion:122 Resp: 14678
 Ion Ratio Lower Upper
 122 100
 107 94.2 91.2 136.8
 121 44.1 47.2 70.8#





#31

Naphthalene

Concen: 60.018 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

Instrument :

BNA_F

ClientSampleId :

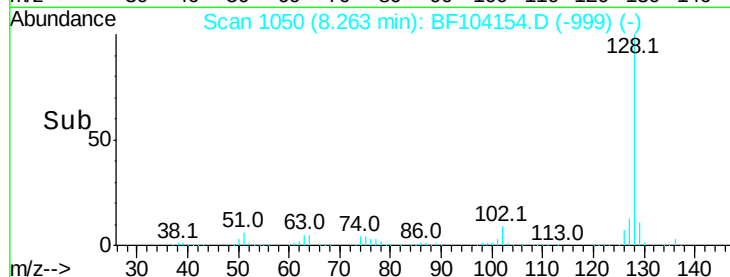
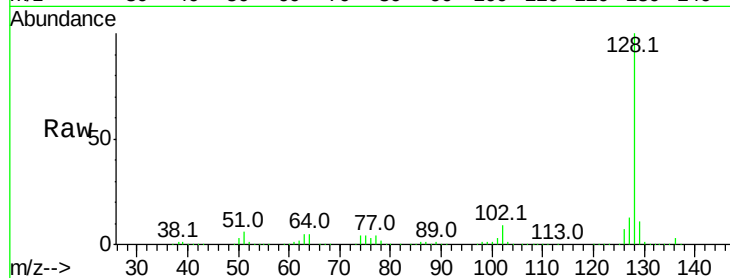
Tot Ion:128 Resp: 991920

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

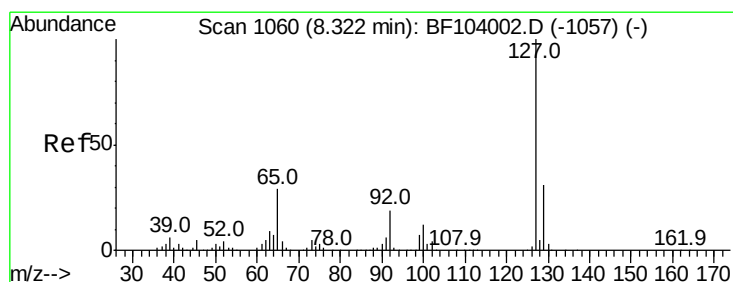
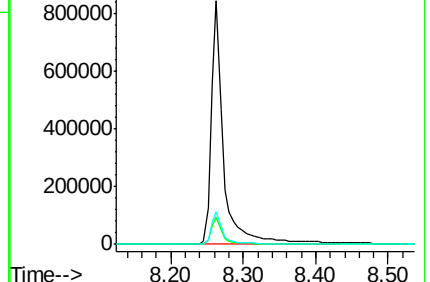
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 18.789 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.06 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

Tgt Ion:127 Resp: 130913

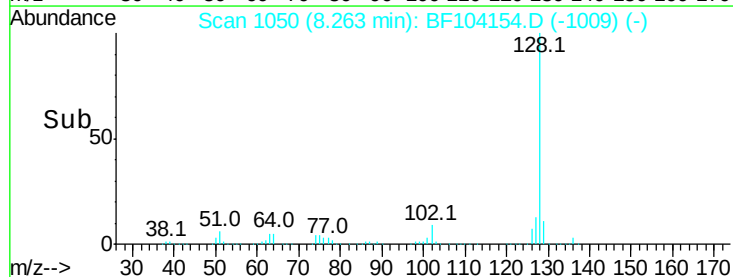
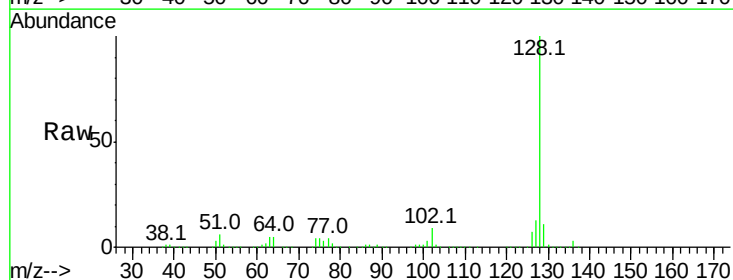
Ion Ratio Lower Upper

127 100

129 85.4 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

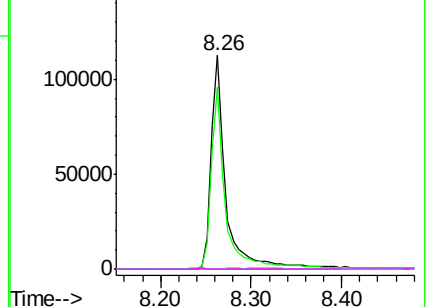


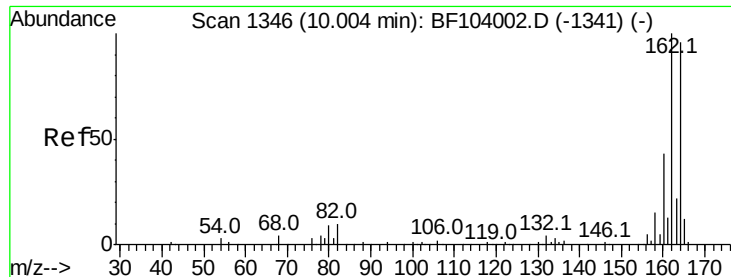
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

Instrument :

BNA_F

ClientSampleId :

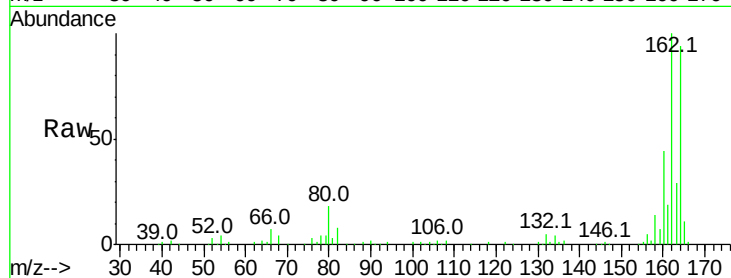
Tot Ion:164 Resp: 145804

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

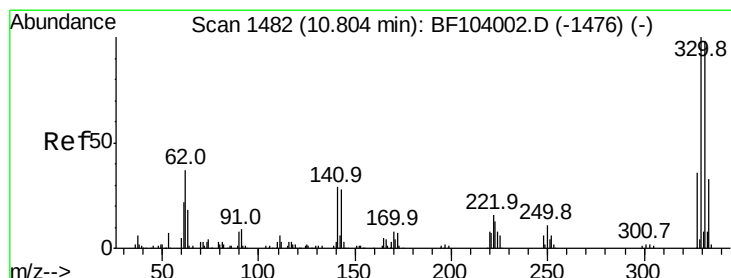
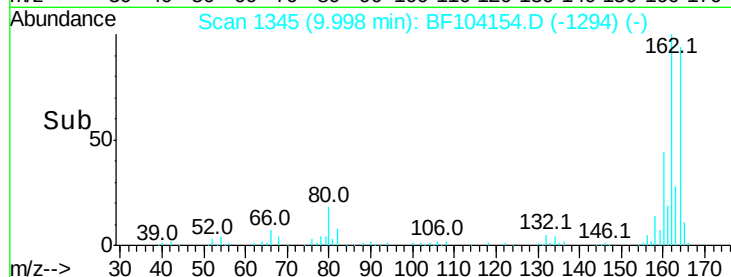
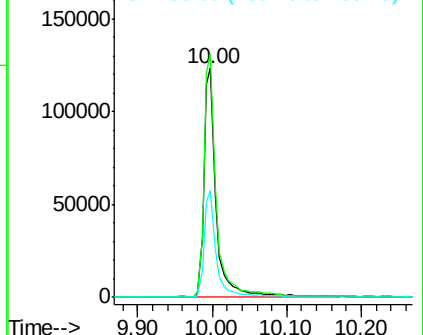
160 46.3 38.3 57.5



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: 0.651 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

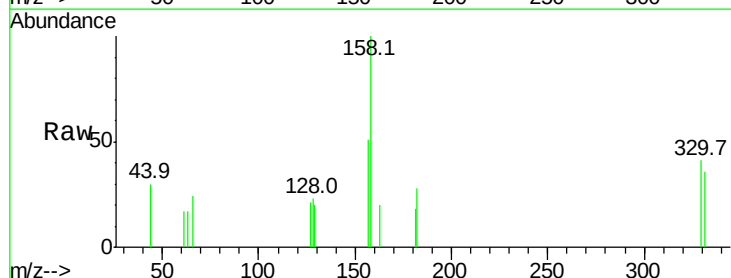
Tgt Ion:330 Resp: 1057

Ion Ratio Lower Upper

330 100

332 78.9 77.0 115.6

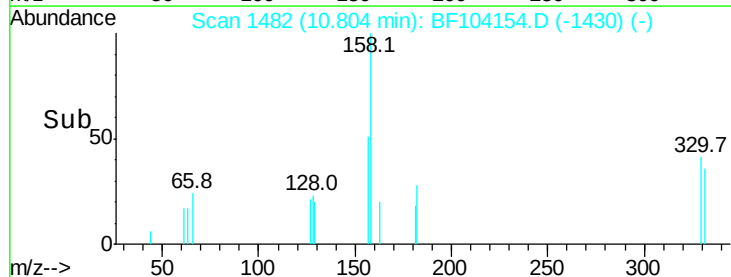
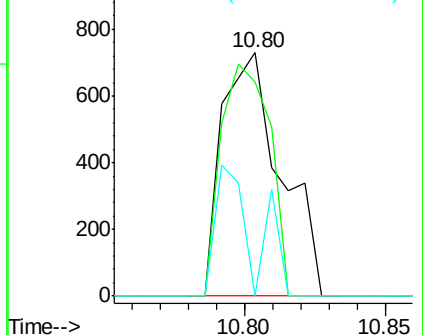
141 35.1 29.9 44.9

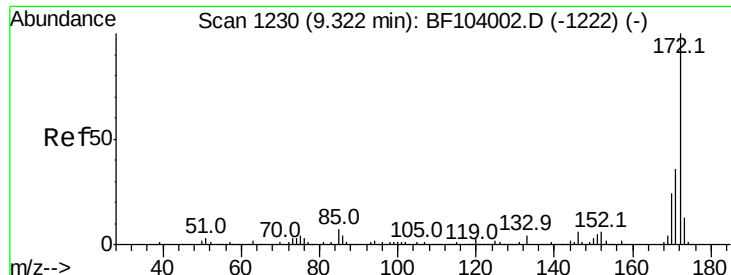


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

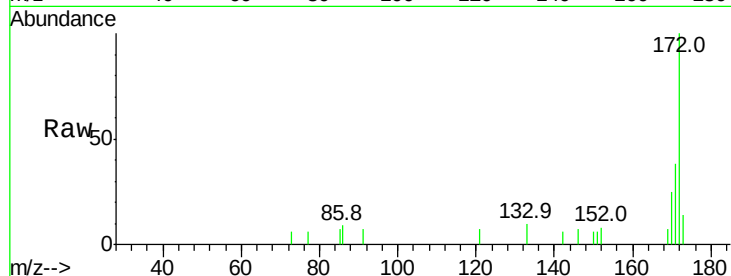




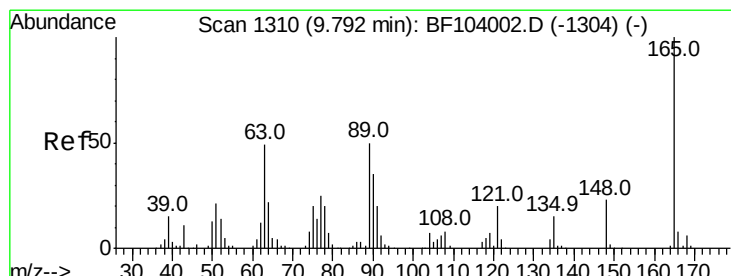
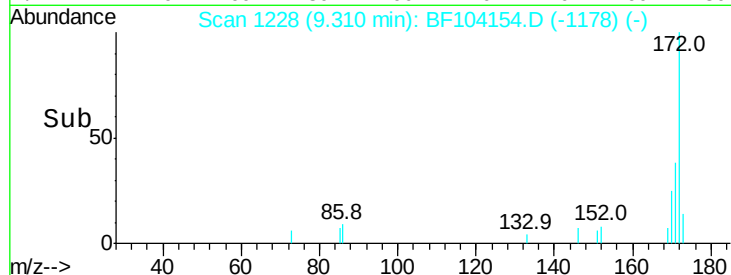
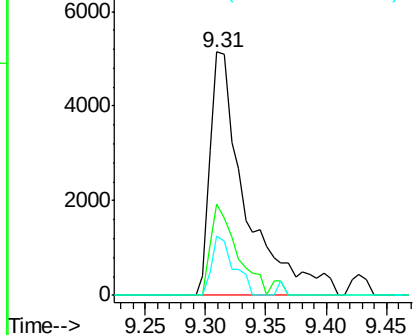
#44
 2-Fluorobiphenyl
 Concen: 1.134 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104154.D
 Acq: 3 Apr 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 10481
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 24.5 19.6 29.4

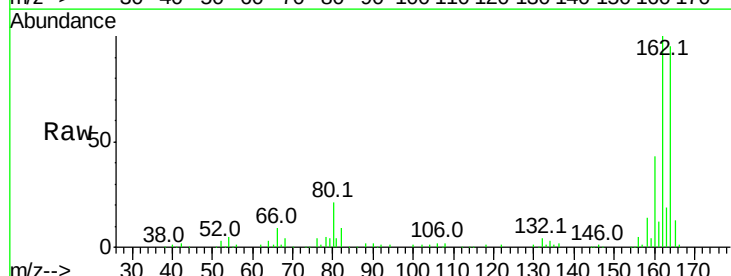


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

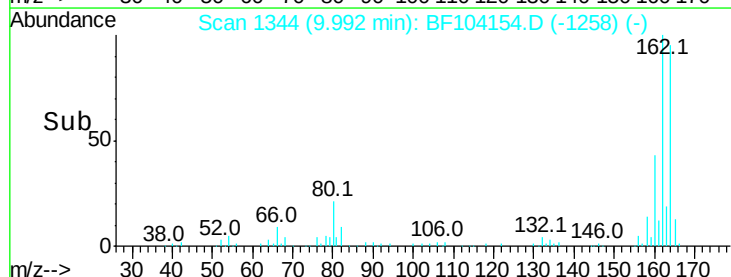
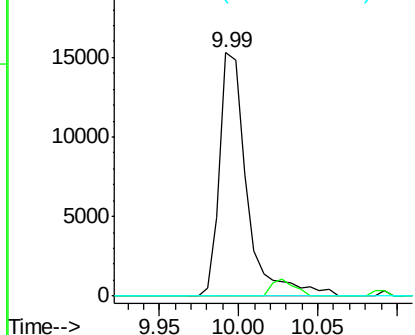


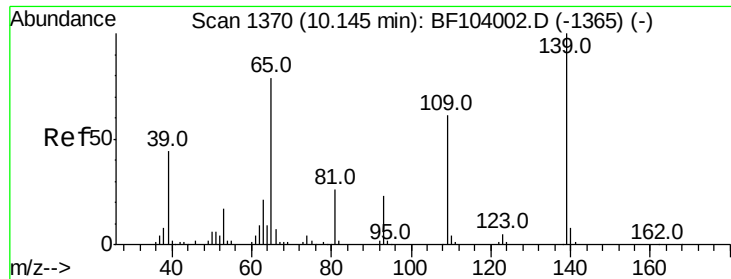
#50
 2,6-Dinitrotoluene
 Concen: 7.439 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF104154.D
 Acq: 3 Apr 2018 2:13

Tgt Ion:165 Resp: 18424
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

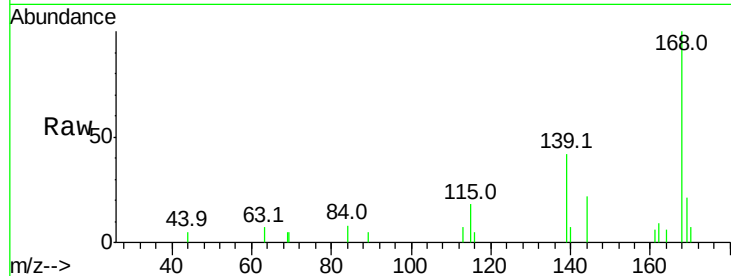




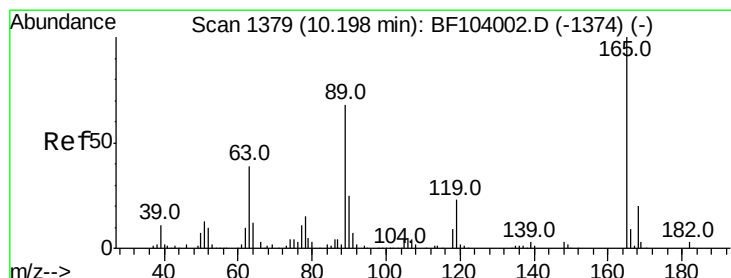
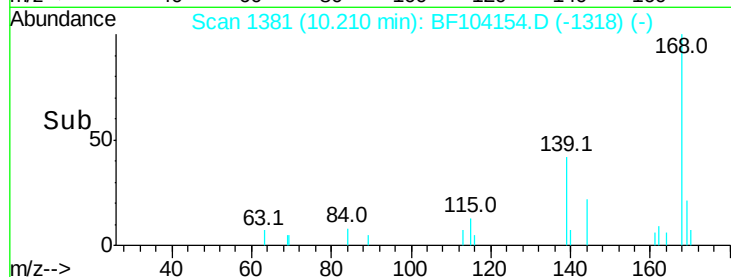
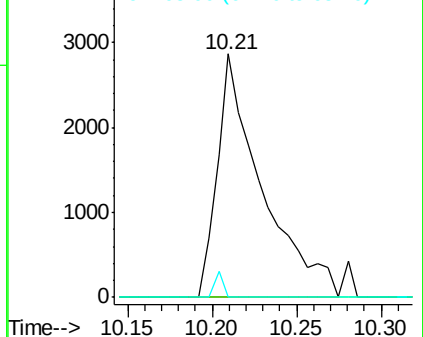
#55
4-Nitrophenol
Concen: 3.071 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.07 min
Lab File: BF104154.D
Acq: 3 Apr 2018 2:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 5242
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

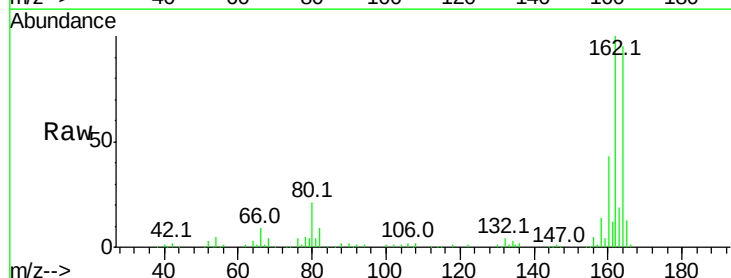


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

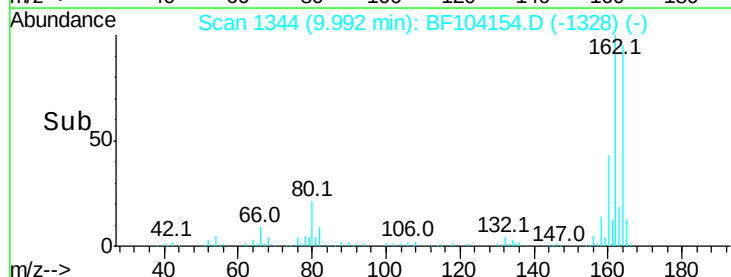
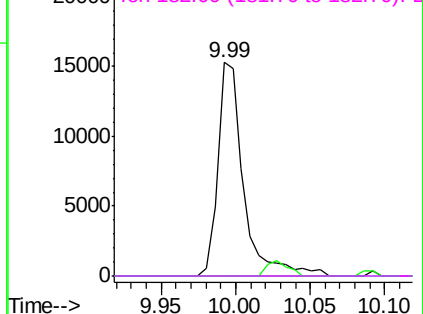


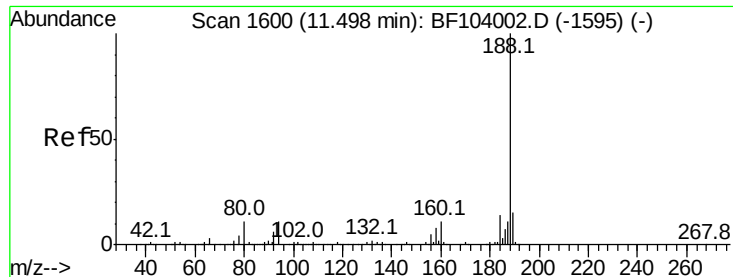
#56
2,4-Dinitrotoluene
Concen: 5.830 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.21 min
Lab File: BF104154.D
Acq: 3 Apr 2018 2:13

Tgt Ion:165 Resp: 18424
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

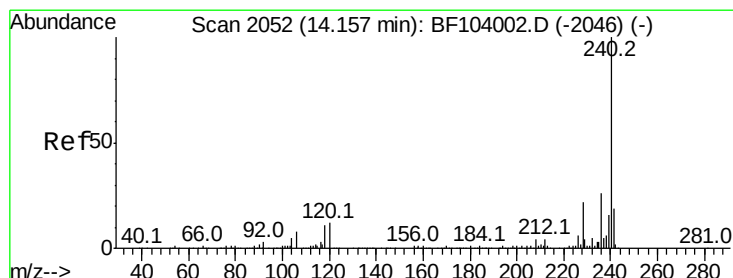
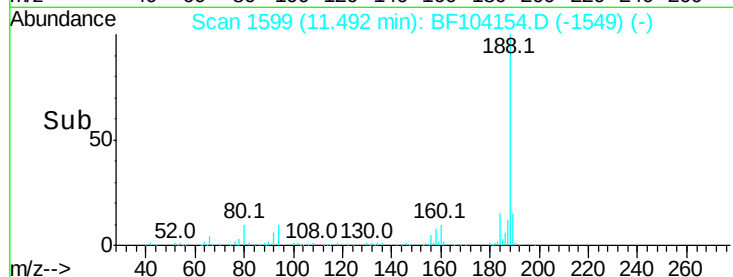
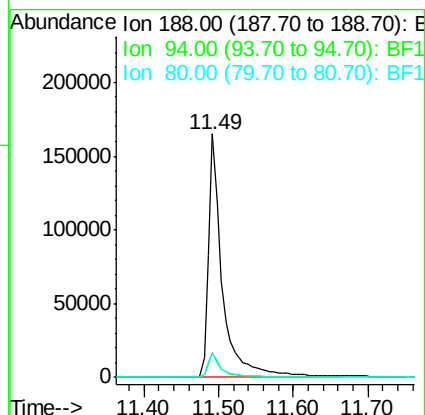
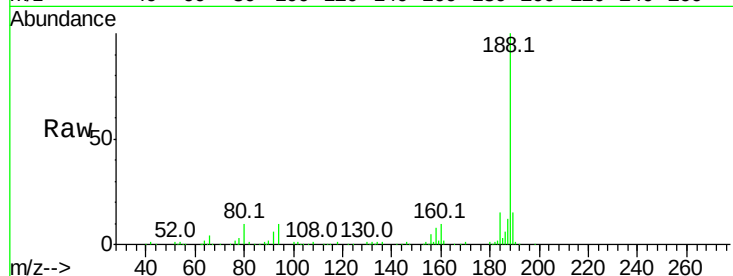




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104154.D
Acq: 3 Apr 2018 2:13

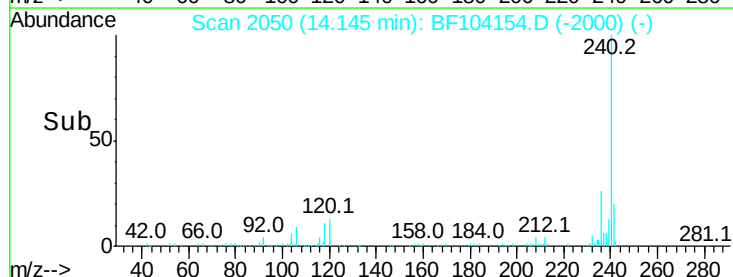
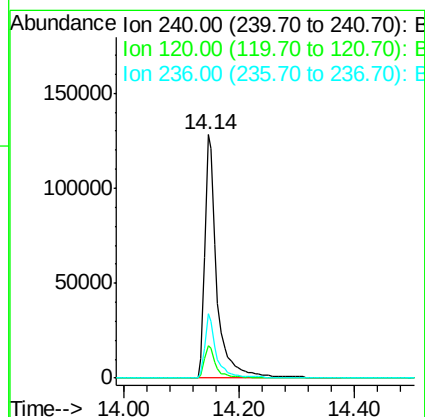
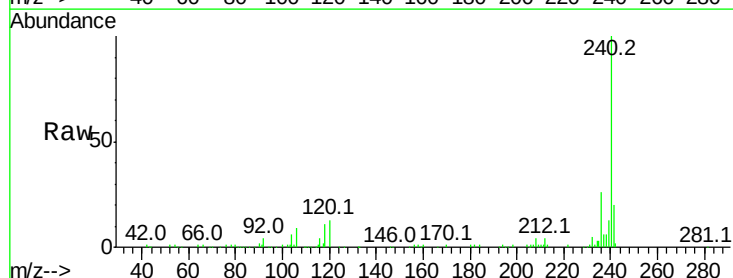
Instrument :
BNA_F
ClientSampleId :

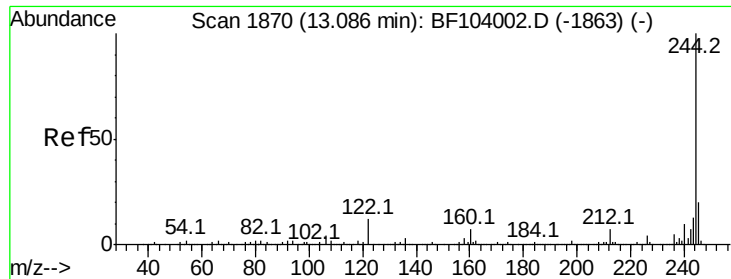
Tot Ion:188 Resp: 216310
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF104154.D
Acq: 3 Apr 2018 2:13

Tgt Ion:240 Resp: 190736
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 0.628 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

Instrument :

BNA_F

ClientSampleId :

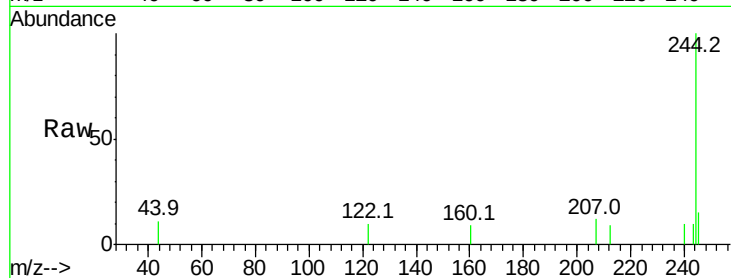
Tot Ion:244 Resp: 5189

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

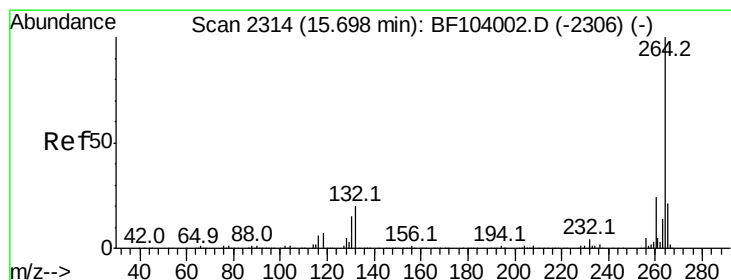
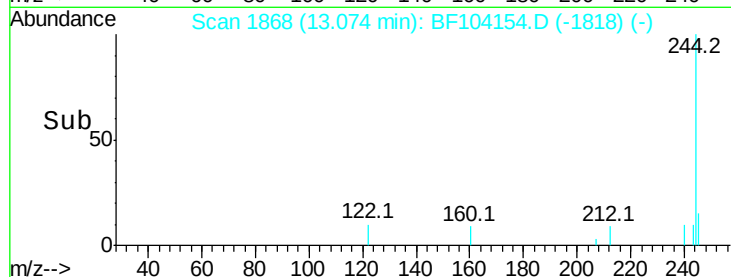
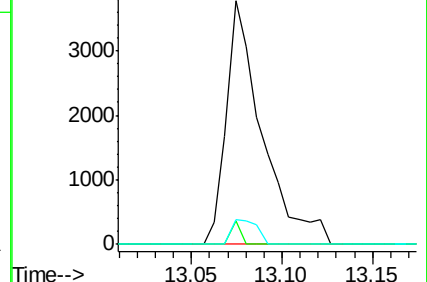
122 10.3 11.0 16.4#



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: 15.69 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BF104154.D

Acq: 3 Apr 2018 2:13

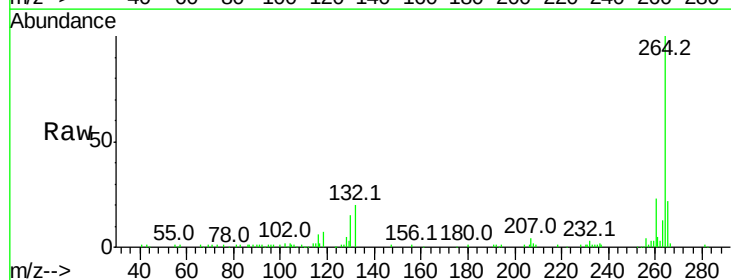
Tgt Ion:264 Resp: 176444

Ion Ratio Lower Upper

264 100

260 23.3 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

