

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104267.D
 Acq On : 5 Apr 2018 10:40
 Operator : JU/SJ
 Sample : J2179-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 11:42:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

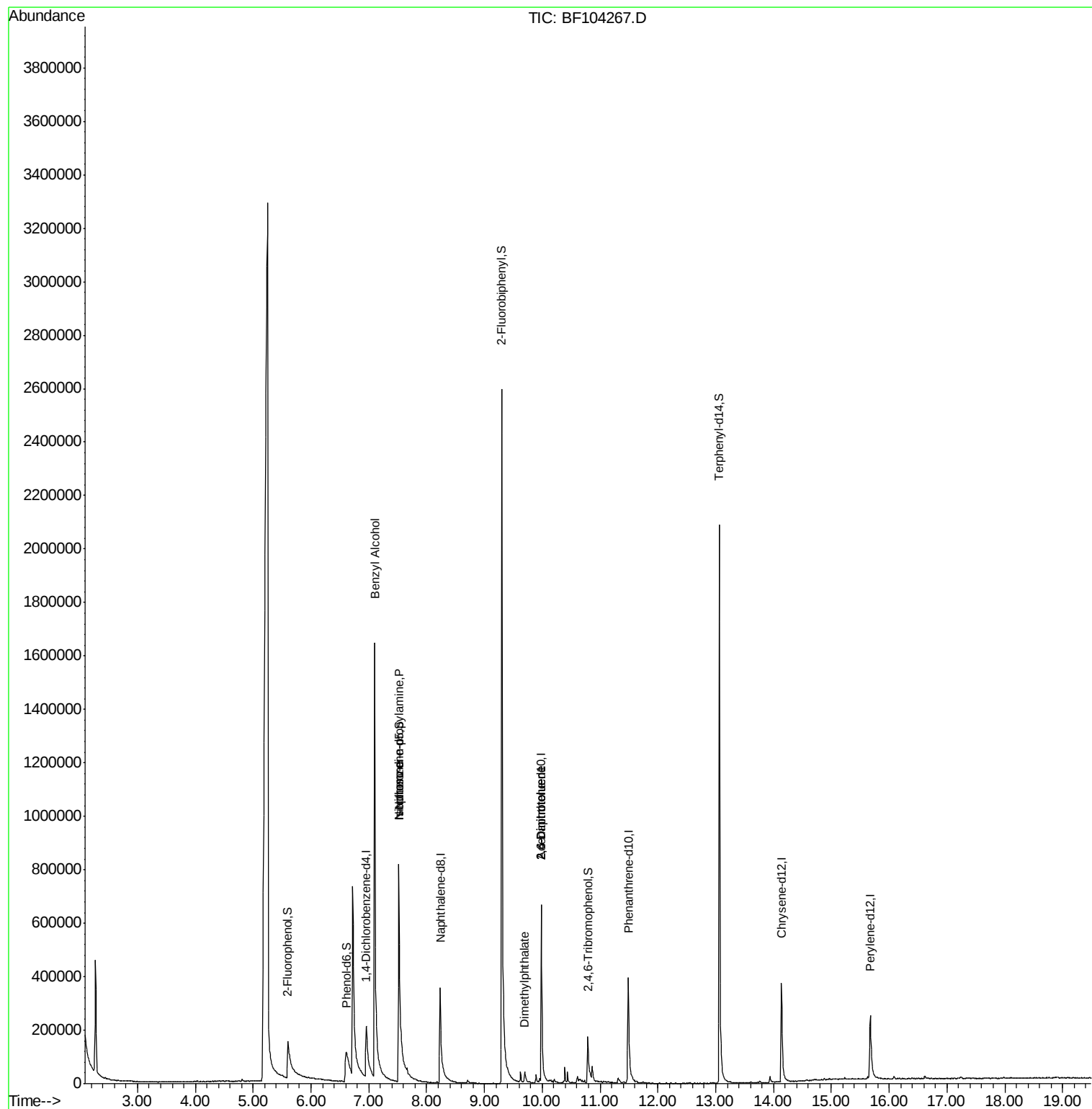
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102217	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	460570	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	201802	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	313496	20.00	ng	0.00
75) Chrysene-d12	14.14	240	226365	20.00	ng	0.00
86) Perylene-d12	15.67	264	194048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177118	27.63	ng	0.01
7) Phenol-d6	6.61	99	262028	33.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	716215	95.10	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	54501	24.25	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1368142	106.91	ng	0.00
78) Terphenyl-d14	13.06	244	974748	99.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	11646	2.271	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	79242	16.933	ng	# 73
25) Isophorone	7.52	82	742226	53.478	ng	# 64
49) Dimethylphthalate	9.70	163	38409	2.411	ng	# 96
50) 2,6-Dinitrotoluene	9.99	165	23394	6.825	ng	# 25
56) 2,4-Dinitrotoluene	9.99	165	23679	5.414	ng	# 23

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

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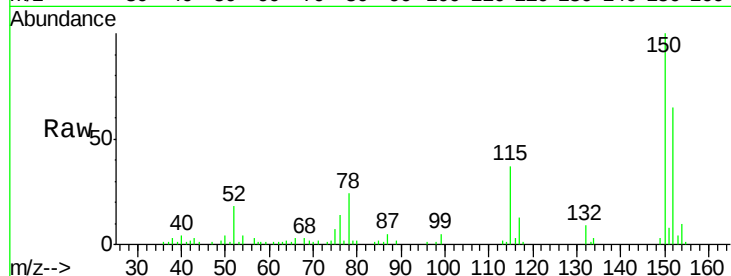


#1

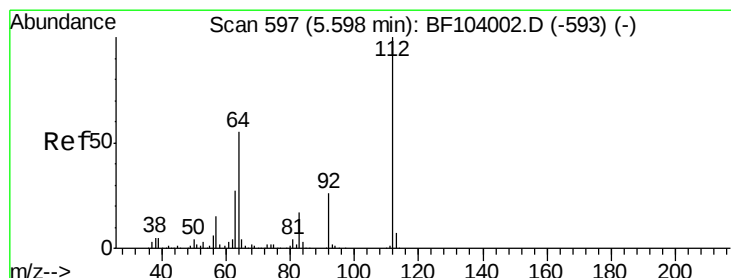
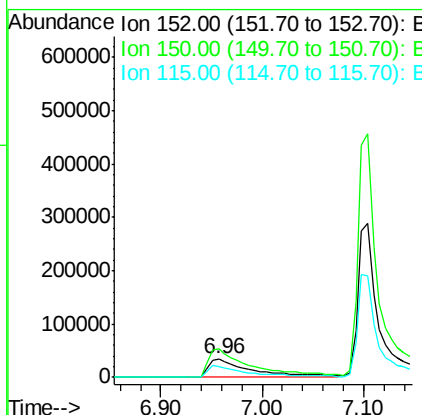
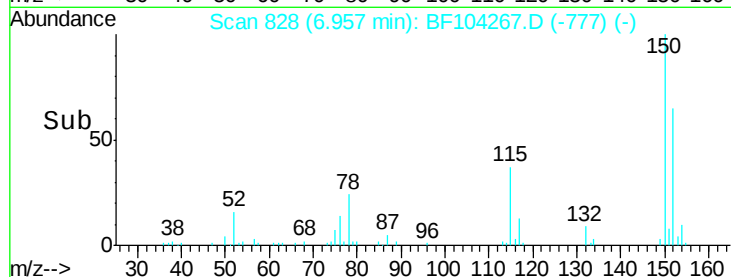
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102217
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 57.2 50.1 75.1



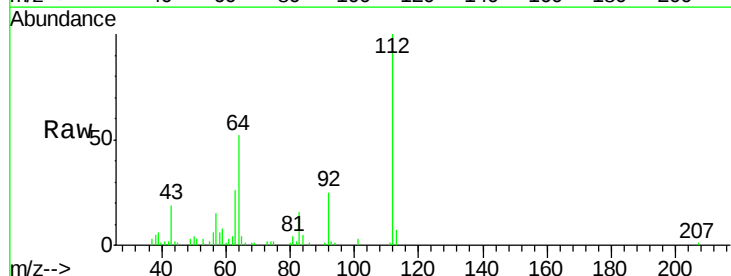
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



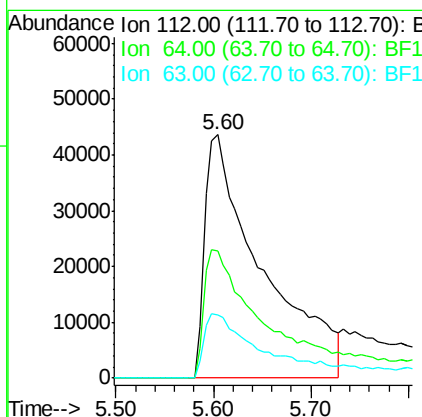
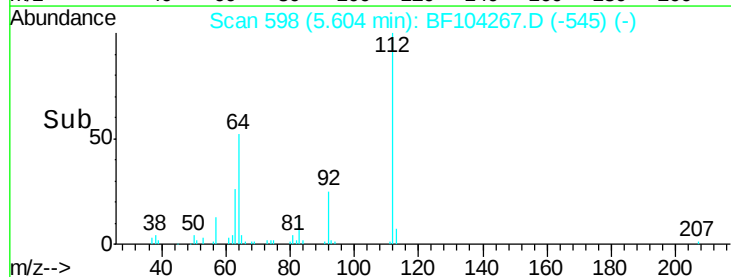
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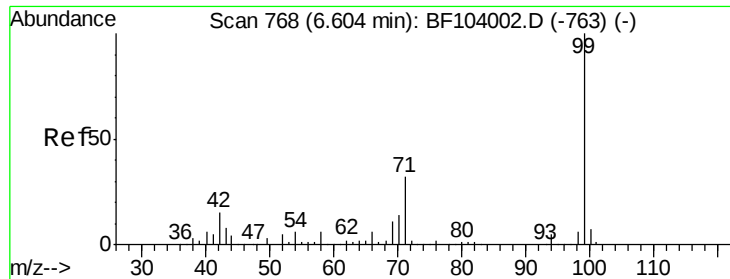
2-Fluorophenol
Concen: 27.633 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Tgt Ion:112 Resp: 177118
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 25.7 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: 33.228 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Instrument :

BNA_F

ClientSampled :

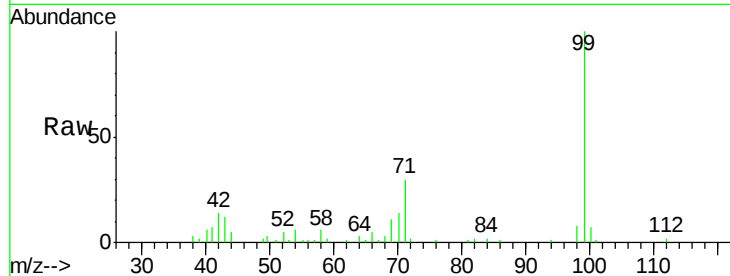
Tot Ion: 99 Resp: 262028

Ion Ratio Lower Upper

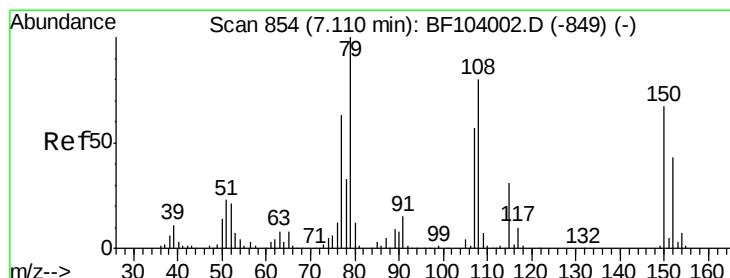
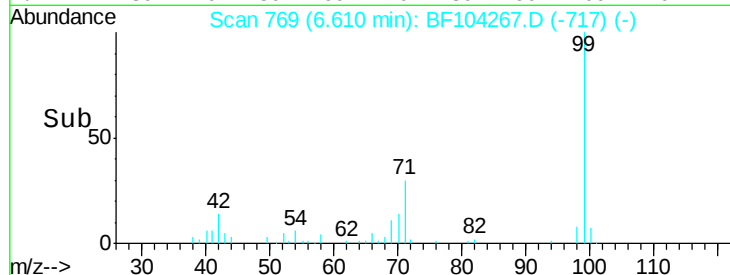
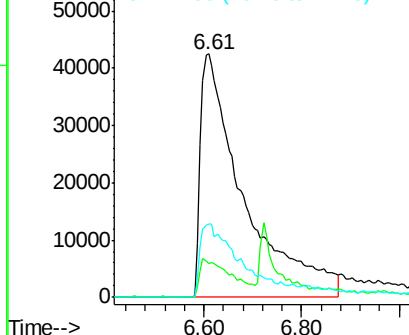
99 100

42 13.6 14.5 21.7#

71 30.3 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



#15

Benzyl Alcohol

Concen: 2.271 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

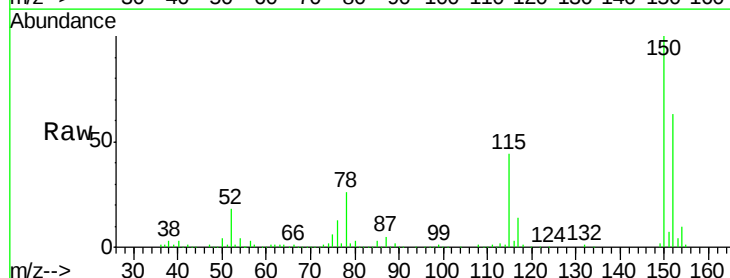
Tgt Ion: 79 Resp: 11646

Ion Ratio Lower Upper

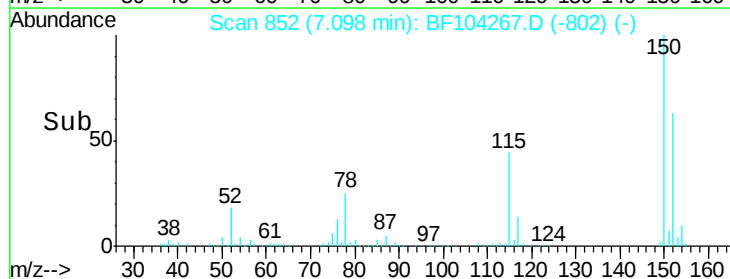
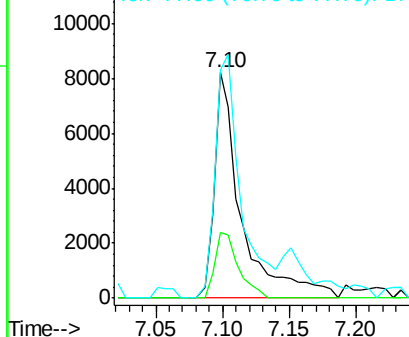
79 100

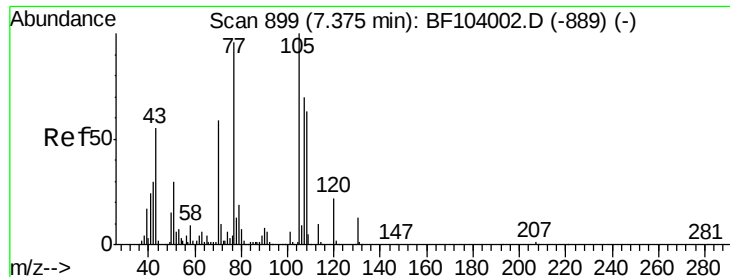
108 29.1 65.1 97.7#

77 101.4 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

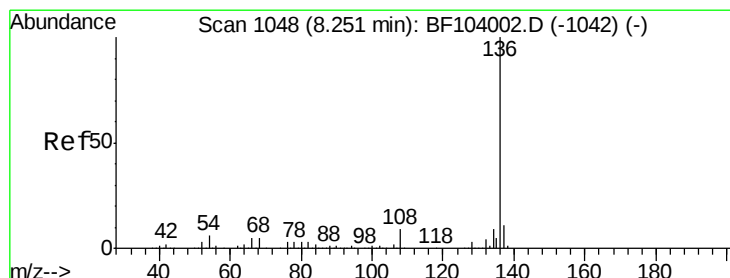
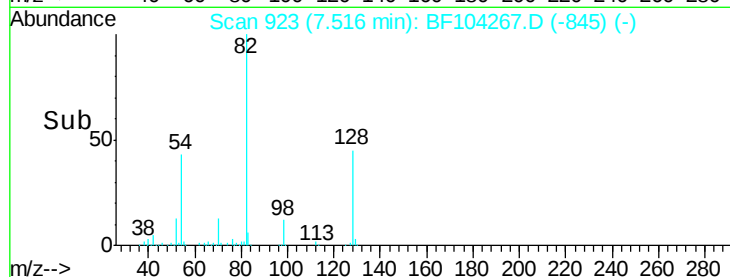
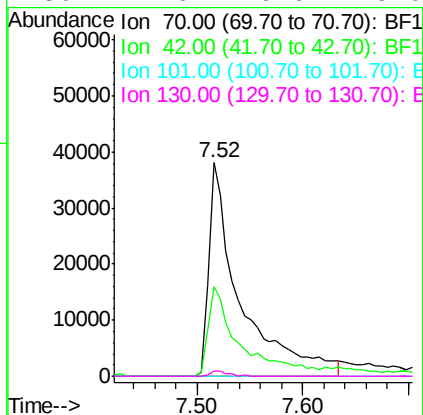
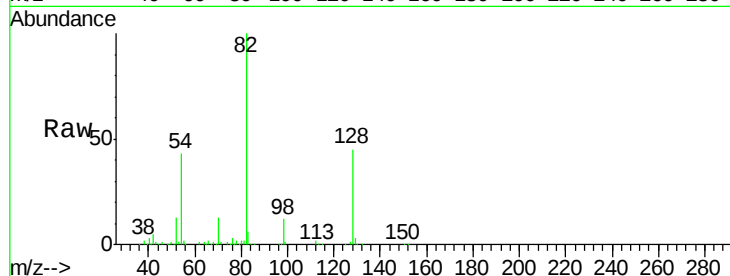




#19
n-Nitroso-di-n-propylamine
Concen: 16.933 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

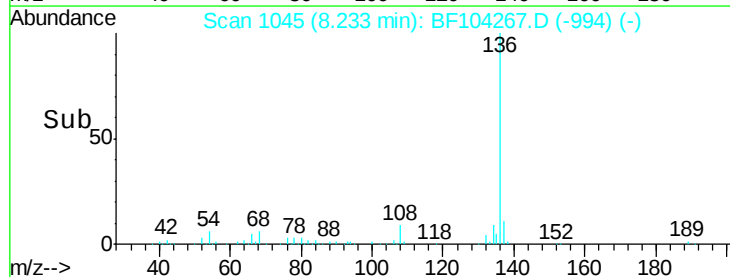
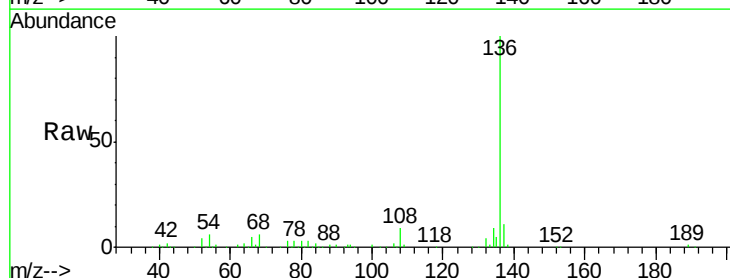
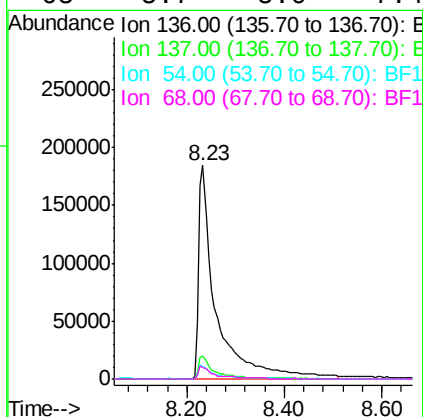
Instrument :
BNA_F
ClientSampleId :

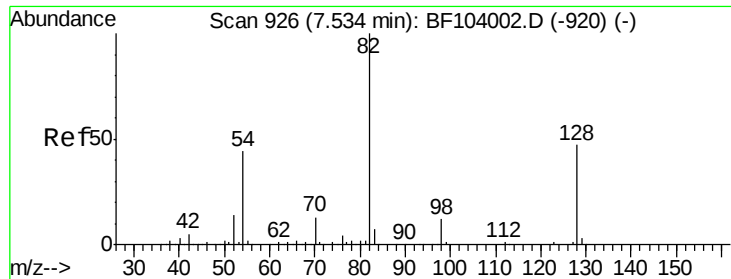
Tot Ion: 70 Resp: 79242
Ion Ratio Lower Upper
70 100
42 41.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Tgt Ion: 136 Resp: 460570
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.2 6.6 9.8#
68 5.7 5.0 7.4

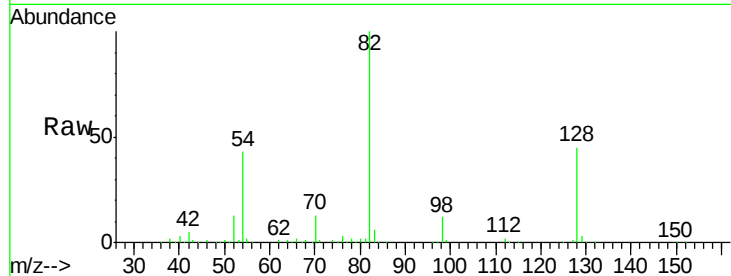




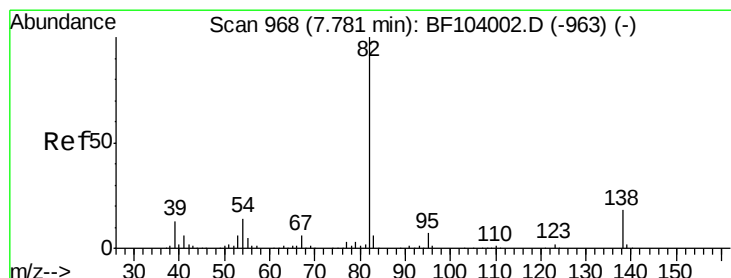
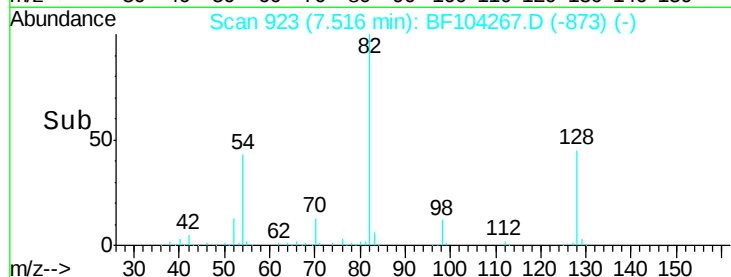
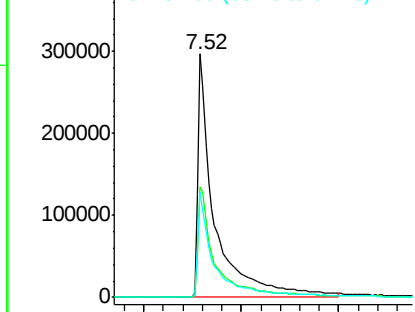
#23
Nitrobenzene-d5
Concen: 95.101 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	716215
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	43.0	41.4	62.2

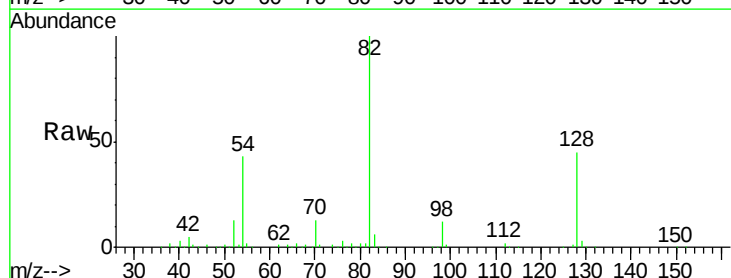


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

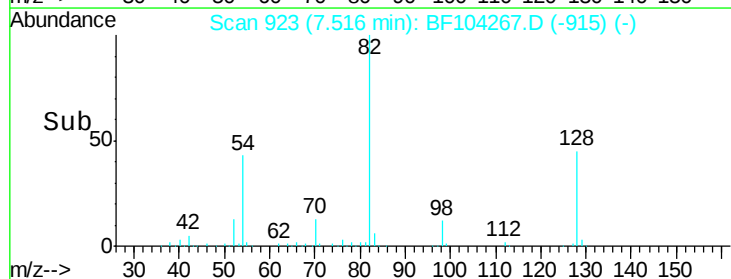
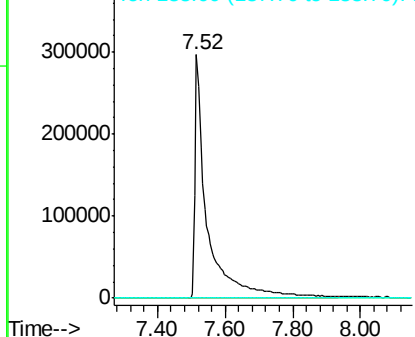


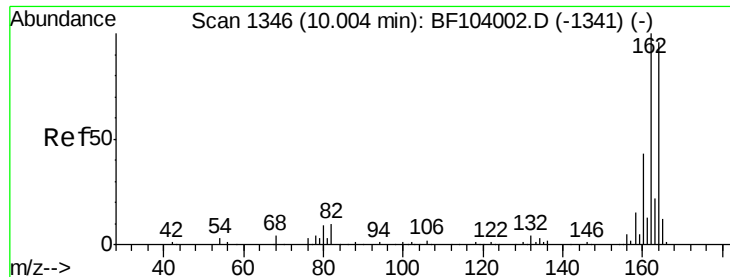
#25
Isophorone
Concen: 53.478 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Tgt Ion	82	Resp	742226
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

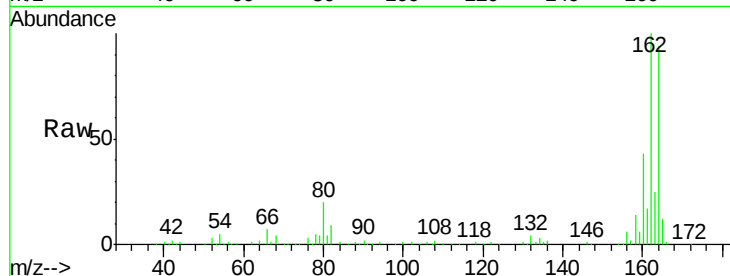




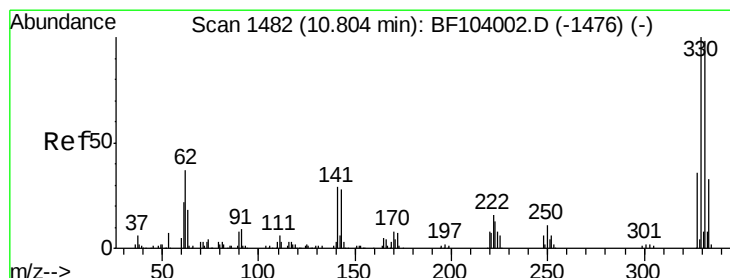
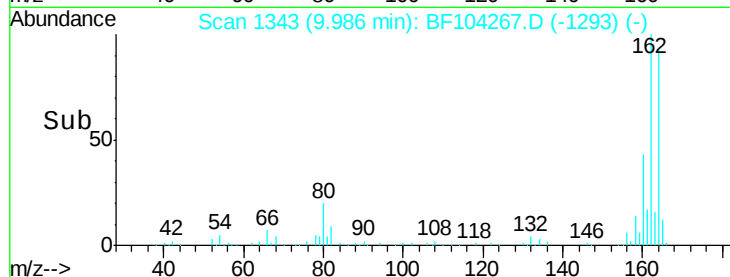
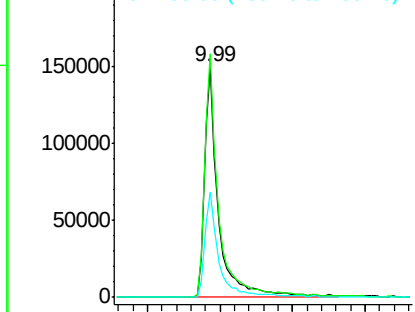
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104267.D
 Acq: 5 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 201802
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.1 38.3 57.5

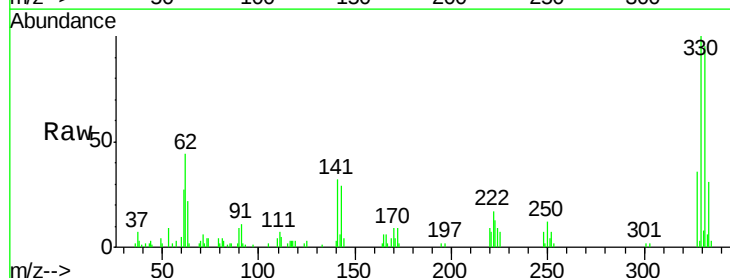


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

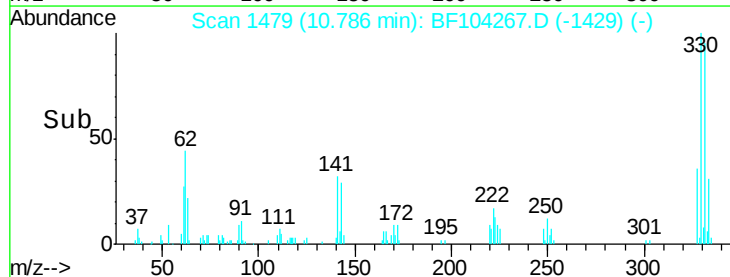
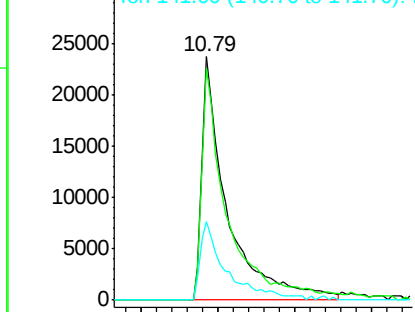


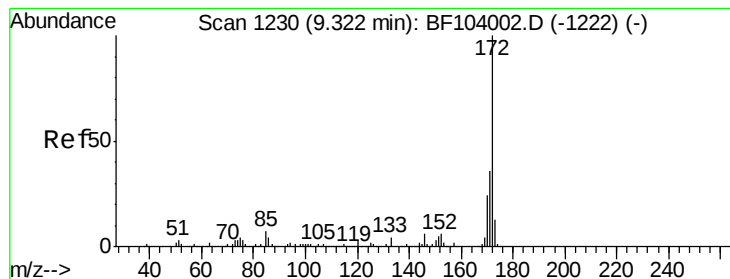
#41
 2,4,6-Tribromophenol
 Concen: 24.254 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104267.D
 Acq: 5 Apr 2018 10:40

Tgt Ion:330 Resp: 54501
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 31.9 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: 106.909 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Instrument :

BNA_F

ClientSampled :

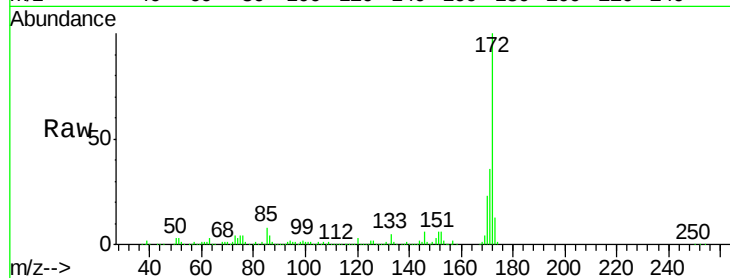
Tot Ion:172 Resp: 1368142

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

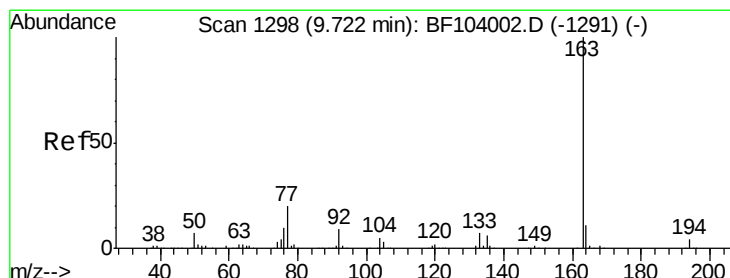
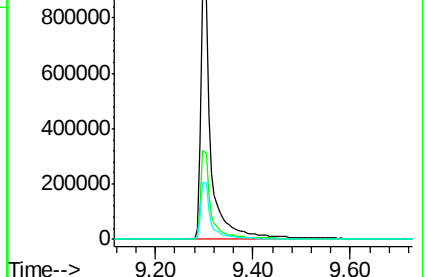
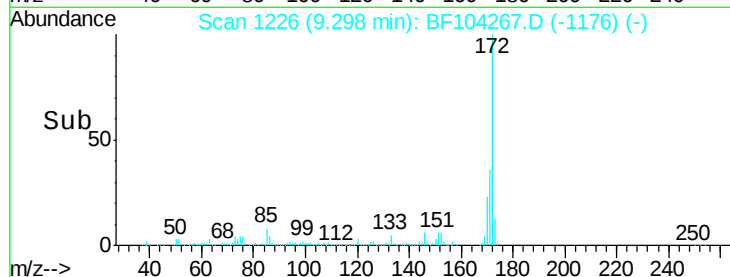
170 23.5 19.6 29.4



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



#49

Dimethylphthalate

Concen: 2.411 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

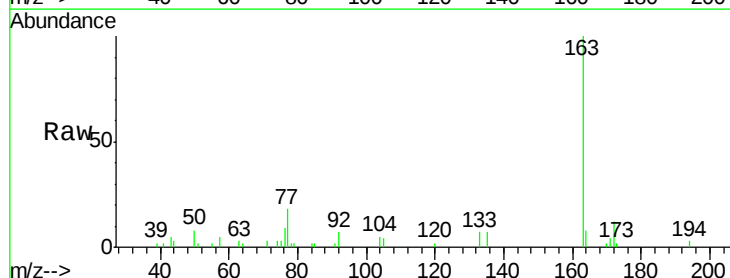
Tgt Ion:163 Resp: 38409

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

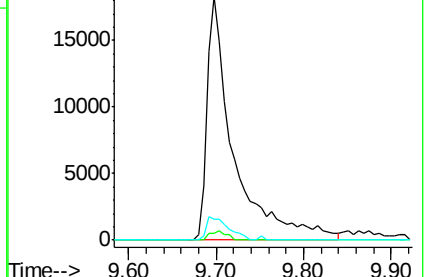
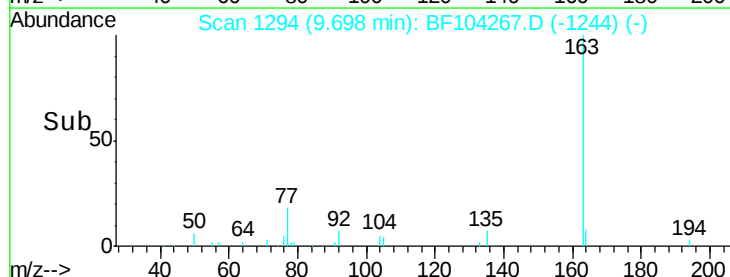
164 8.3 8.2 12.2

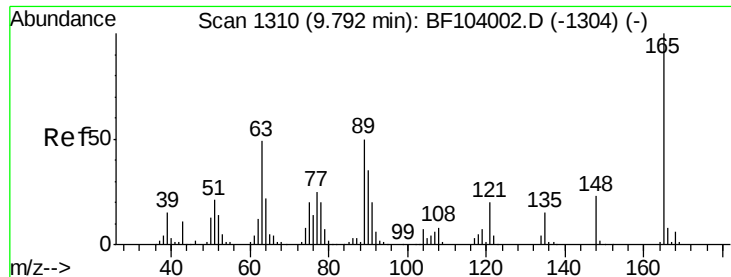


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

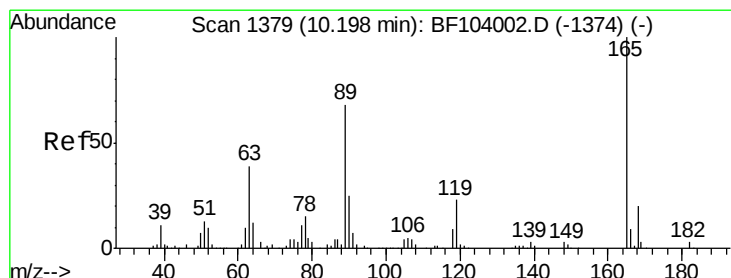
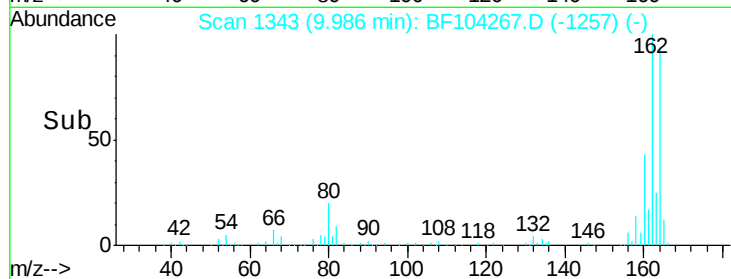
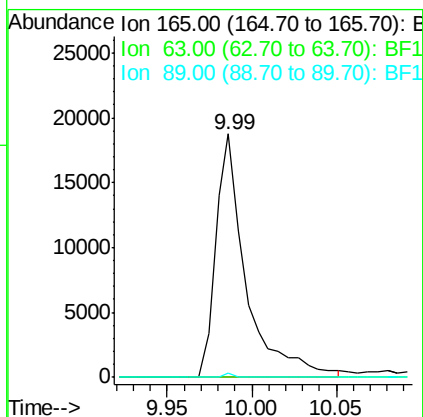
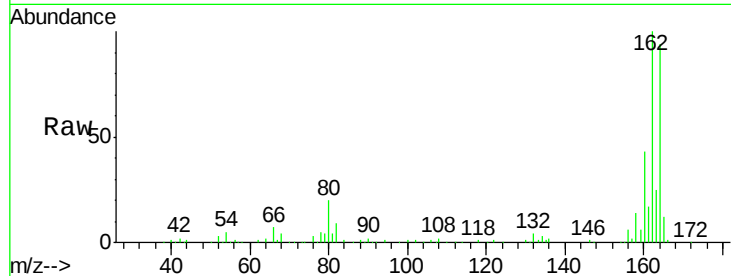




#50
 2,6-Dinitrotoluene
 Concen: 6.825 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104267.D
 Acq: 5 Apr 2018 10:40

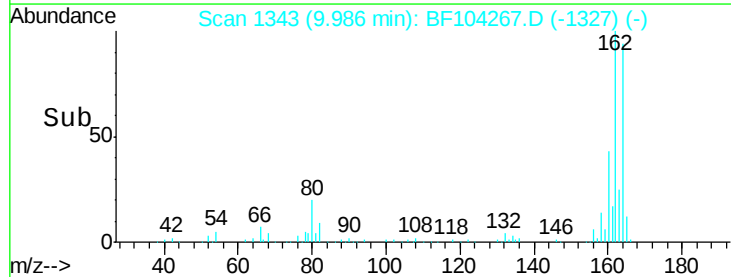
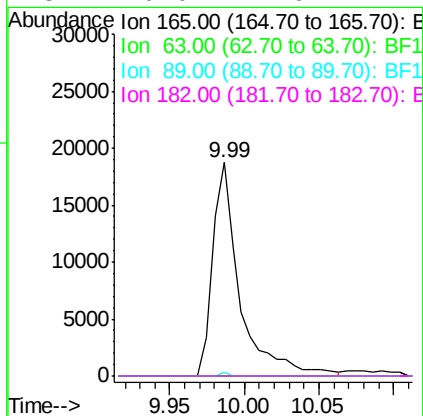
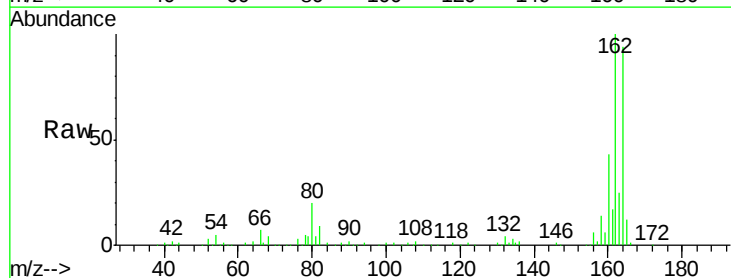
Instrument :
 BNA_F
 ClientSampleId :

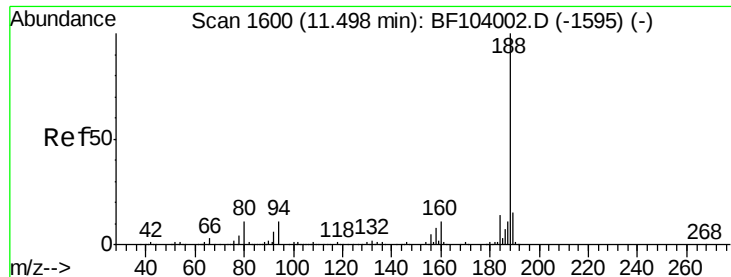
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.414 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104267.D
 Acq: 5 Apr 2018 10:40

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

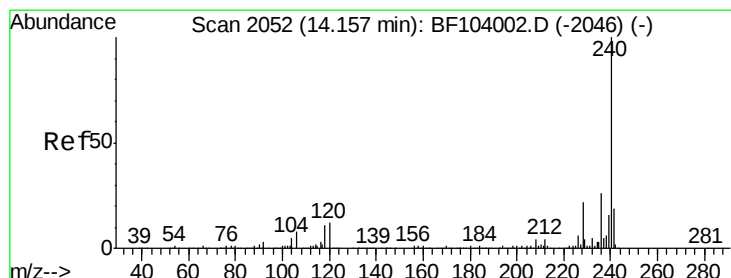
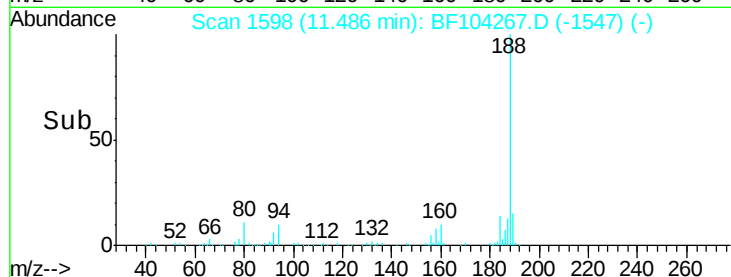
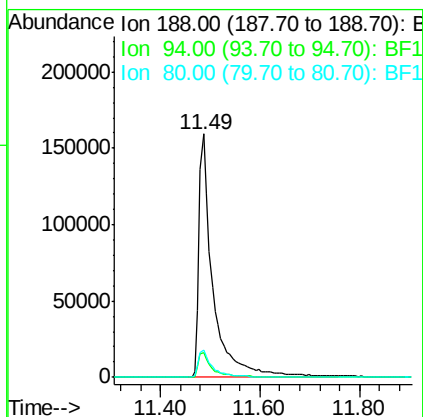
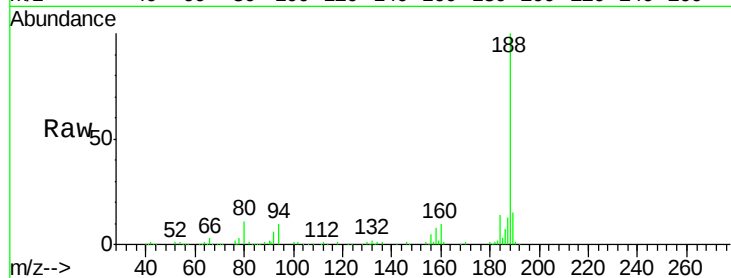




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

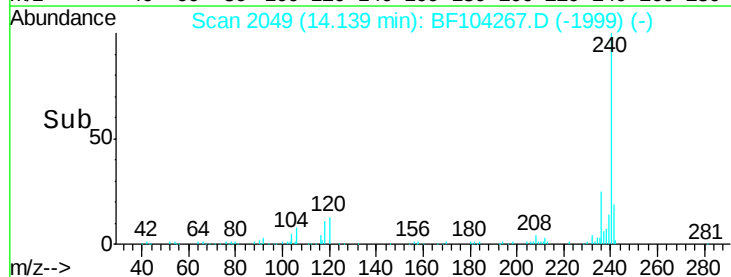
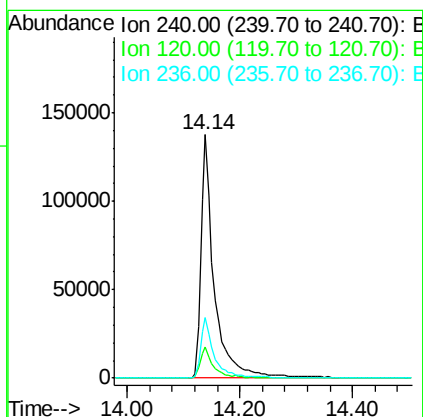
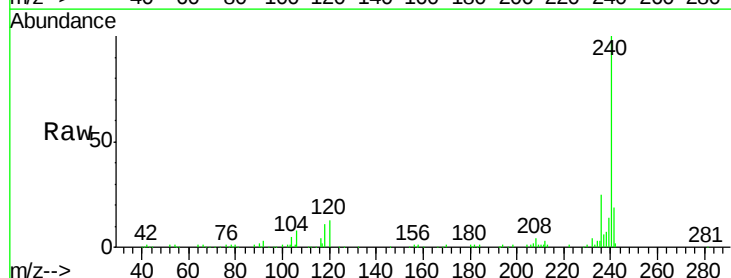
Instrument :
BNA_F
ClientSampleId :

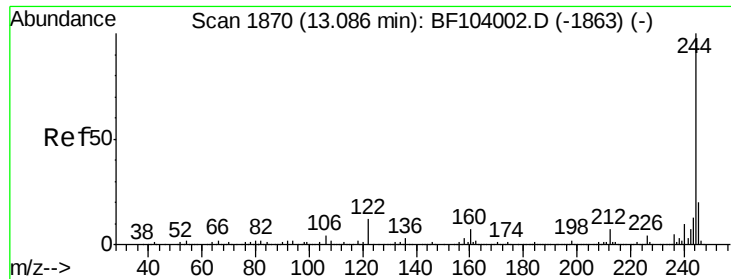
Tot Ion:188 Resp: 313496
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Tgt Ion:240 Resp: 226365
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 99.426 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

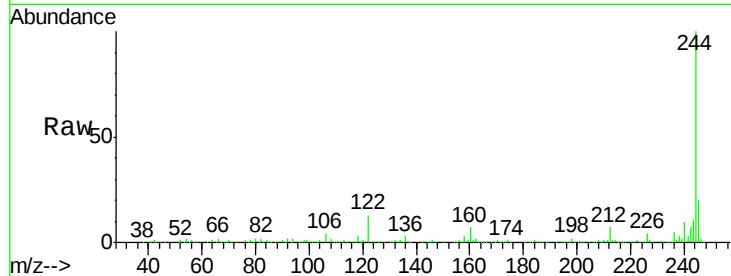
Tot Ion:244 Resp: 974748

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

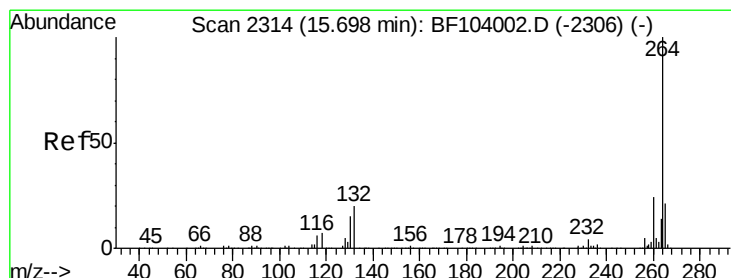
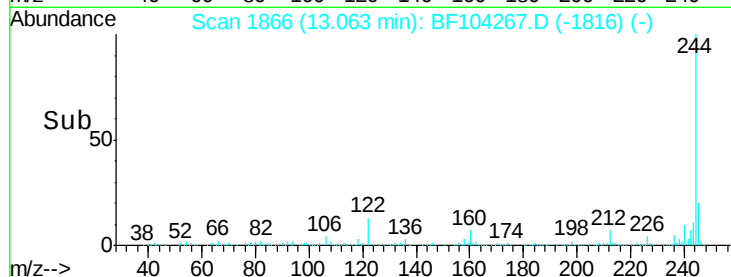
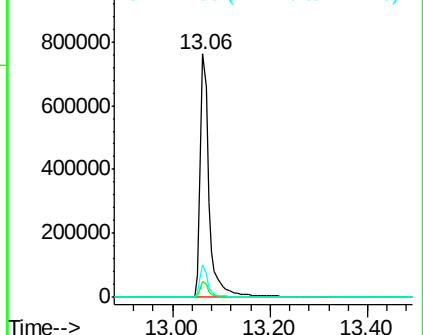
122 13.2 11.0 16.4



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: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

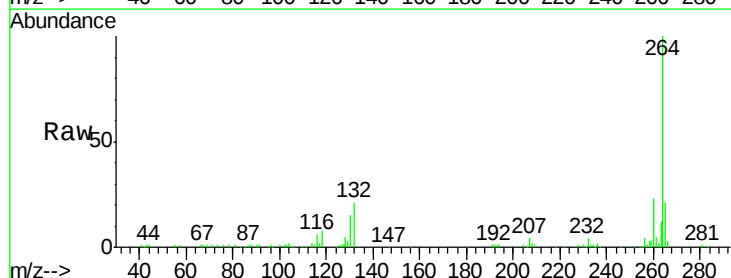
Tgt Ion:264 Resp: 194048

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.4 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

