

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107293.D
 Acq On : 11 Jul 2018 1:25
 Operator : JU/SJ
 Sample : J3907-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: Jul 11 02:18:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

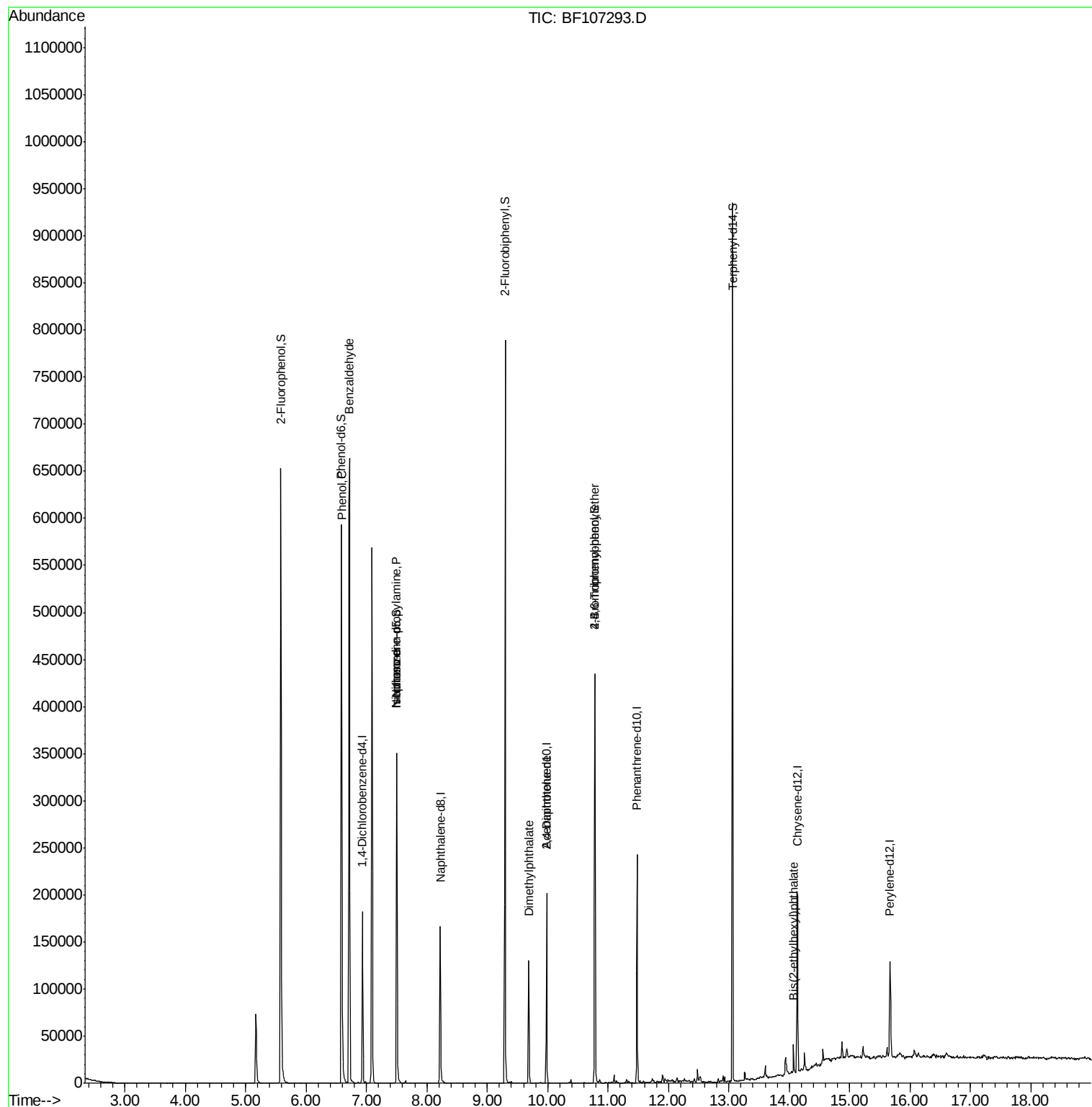
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	25922	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	90159	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	43570	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	91024	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	74526	20.00	ng	-0.03
86) Perylene-d12	15.67	264	55163	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	201828	131.84	ng	-0.02
7) Phenol-d6	6.58	99	236932	123.94	ng	-0.03
23) Nitrobenzene-d5	7.50	82	132929	81.94	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	67033	132.74	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	251534	100.39	ng	-0.03
78) Terphenyl-d14	13.06	244	333561	108.42	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	4058	2.518	ng	Qvalue 87
10) Phenol	6.60	94	5334	2.445	ng	# 50
19) n-Nitroso-di-n-propylamine	7.50	70	16510	13.102	ng	# 76
25) Isophorone	7.50	82	132942	46.503	ng	# 64
49) Dimethylphthalate	9.69	163	56494	17.288	ng	99
56) 2,4-Dinitrotoluene	9.98	165	5388	5.965	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	3812	3.509	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.07	149	8173	3.164	ng	96

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

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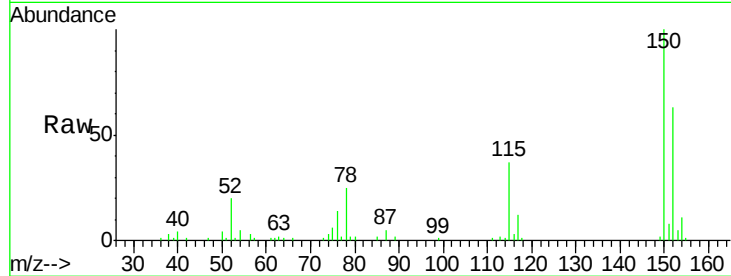


#1

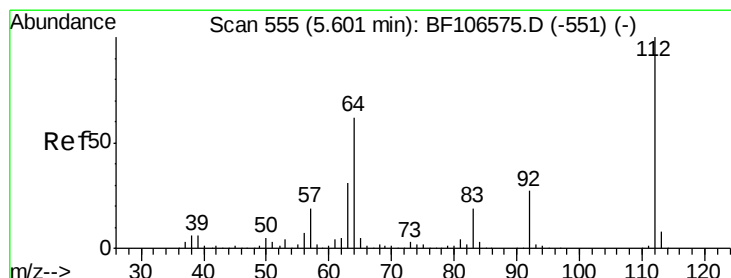
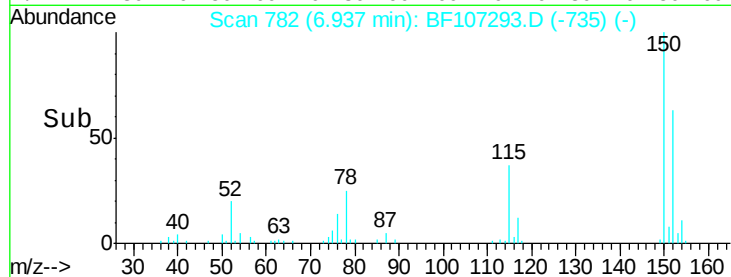
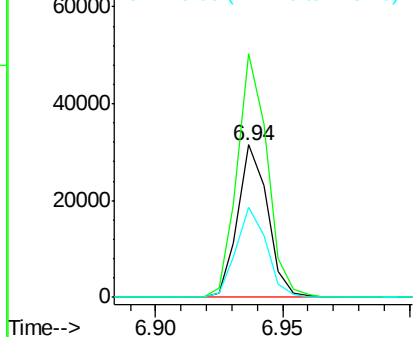
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107293.D
Acq: 11 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:152 Resp: 25922
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 59.3 50.1 75.1



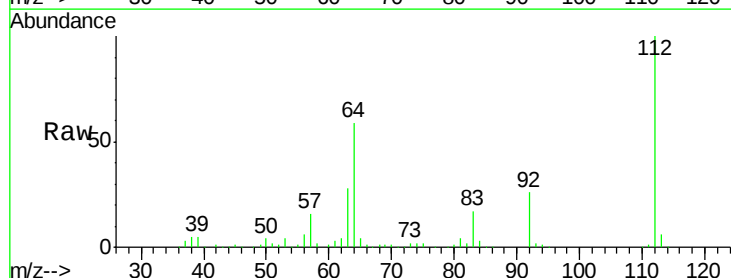
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



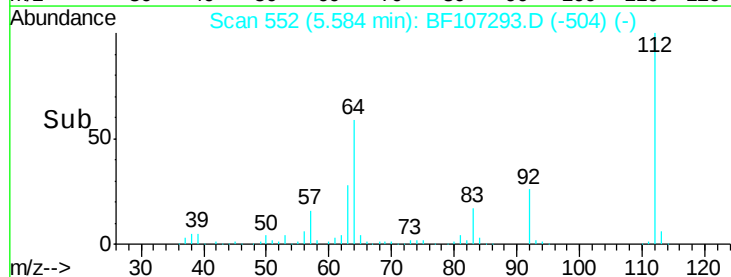
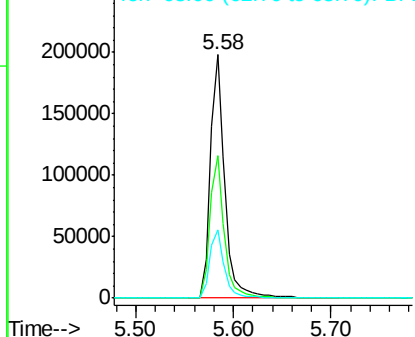
#5

2-Fluorophenol
Concen: 131.841 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107293.D
Acq: 11 Jul 2018 1:25

Tgt Ion:112 Resp: 201828
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 27.9 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: 123.936 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Instrument :

BNA_F

ClientSampled :

S-2

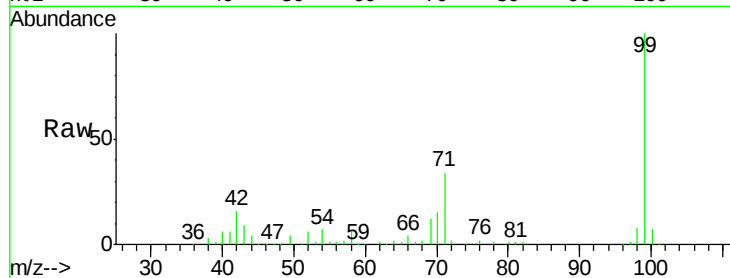
Tgt Ion: 99 Resp: 236932

Ion Ratio Lower Upper

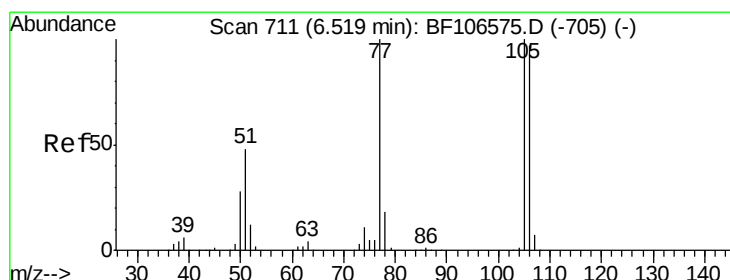
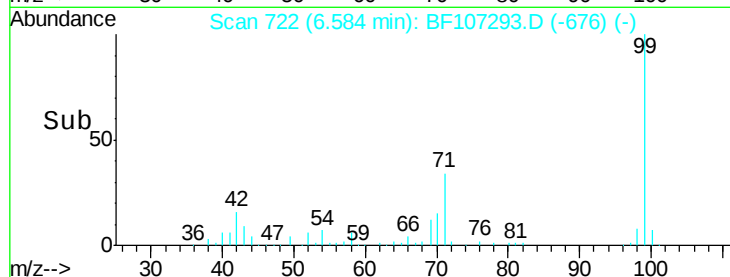
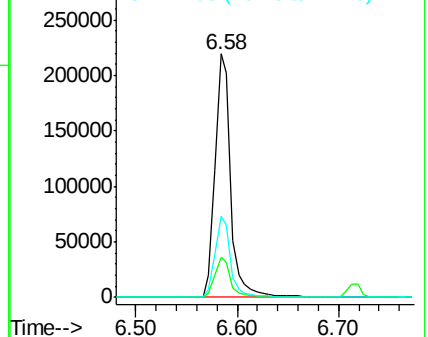
99 100

42 16.3 14.5 21.7

71 33.5 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: 2.518 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.20 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

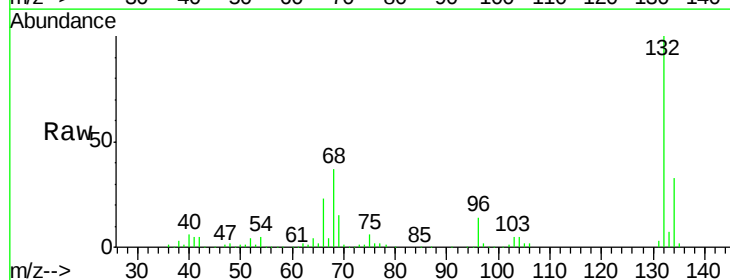
Tgt Ion: 77 Resp: 4058

Ion Ratio Lower Upper

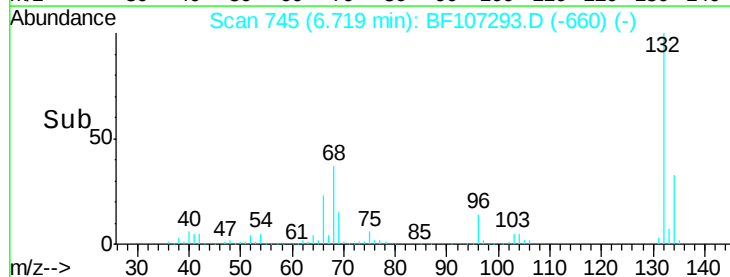
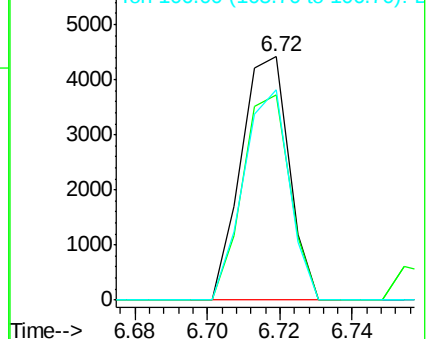
77 100

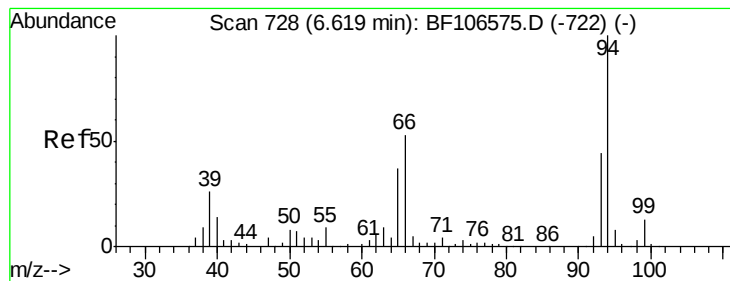
105 84.3 81.1 121.1

106 86.6 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





#10

Phenol

Concen: 2.445 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Instrument :

BNA_F

ClientSampleId :

S-2

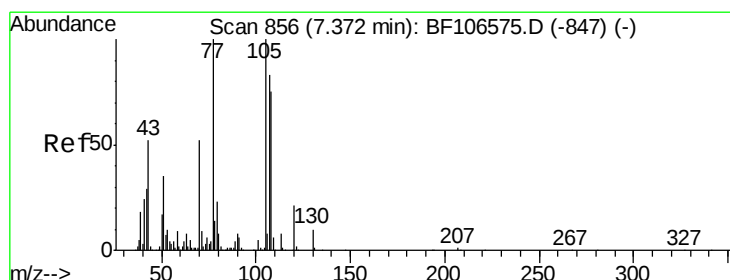
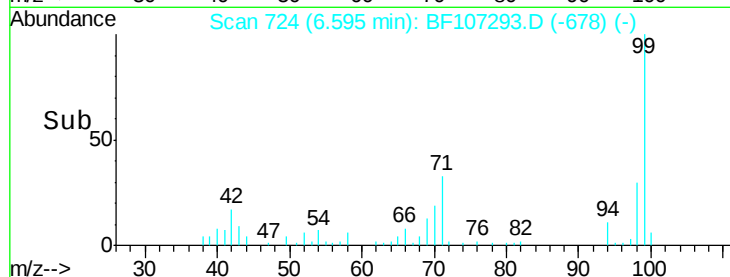
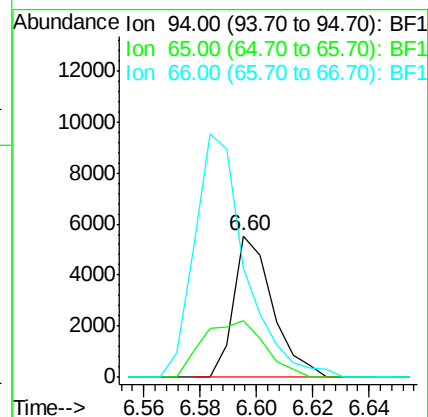
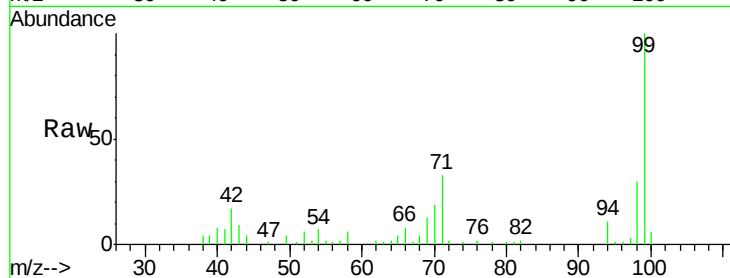
Tgt Ion: 94 Resp: 5334

Ion Ratio Lower Upper

94 100

65 40.3 7.9 47.9

66 77.2 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.102 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Tgt Ion: 70 Resp: 16510

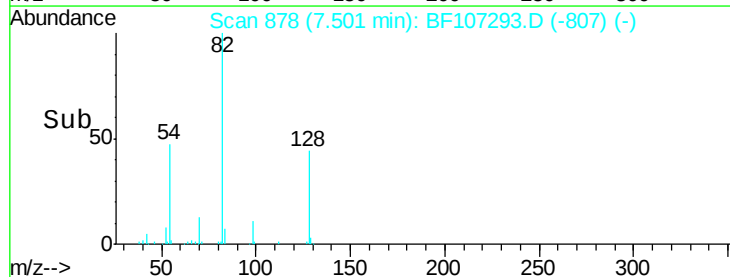
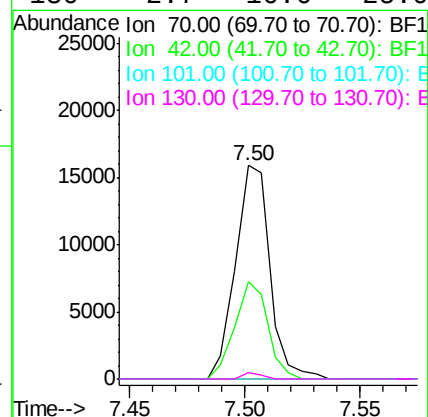
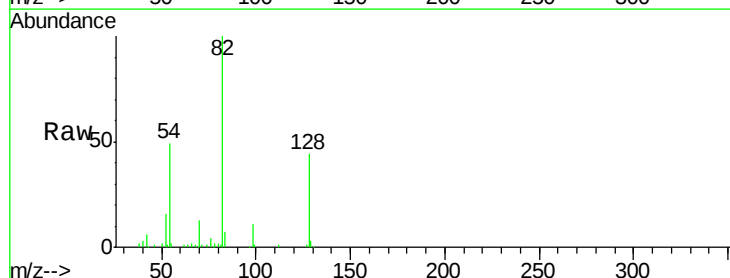
Ion Ratio Lower Upper

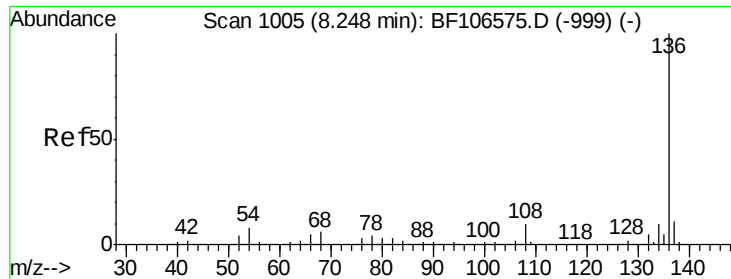
70 100

42 45.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

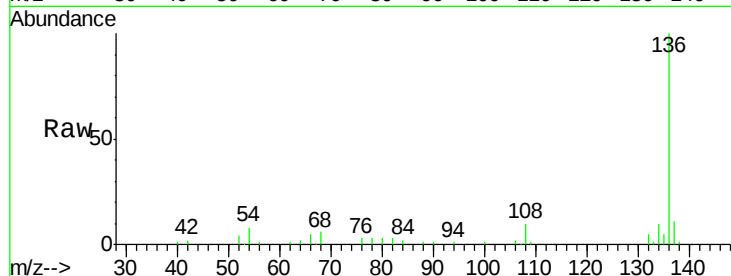




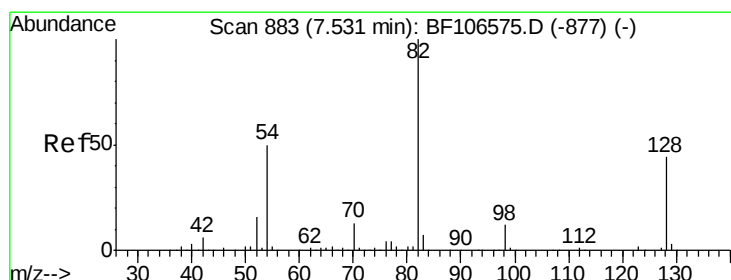
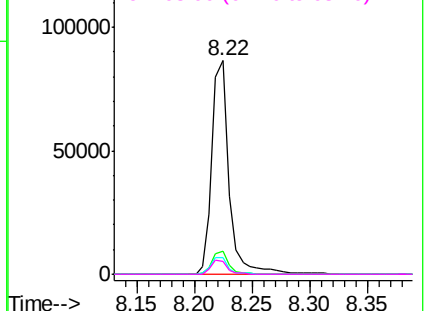
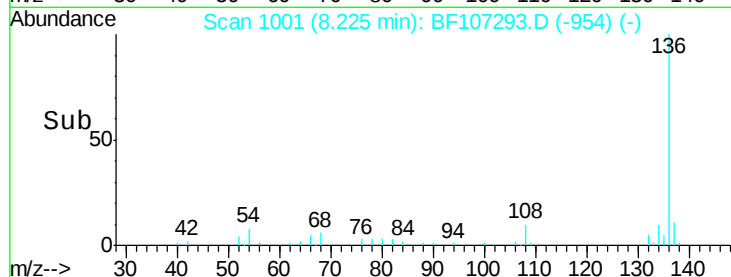
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107293.D
Acq: 11 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:	136	Resp:	90159
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.6	9.8
68	6.0	5.0	7.4

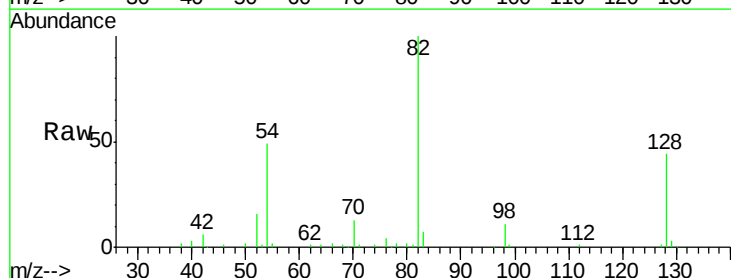


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

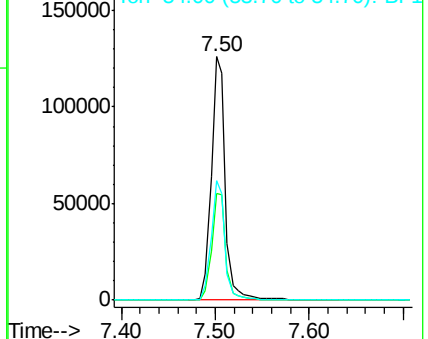
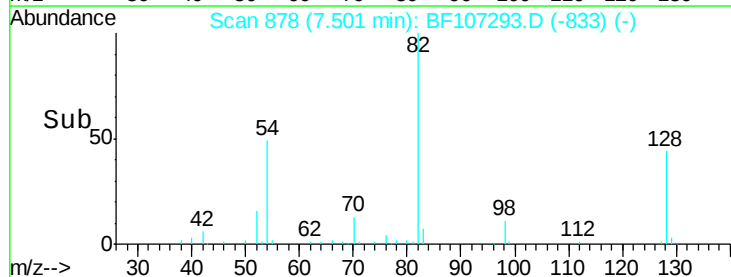


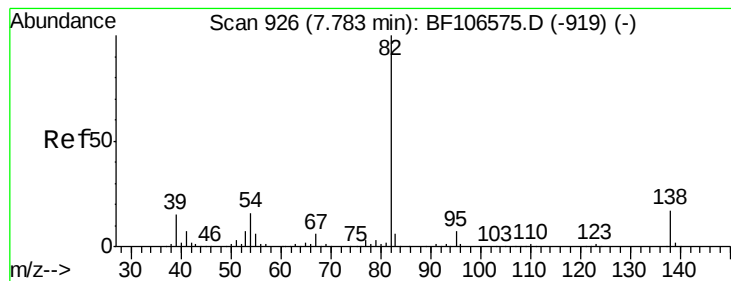
#23
Nitrobenzene-d5
Concen: 81.937 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107293.D
Acq: 11 Jul 2018 1:25

Tgt Ion:	82	Resp:	132929
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	49.1	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: 46.503 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.29 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Instrument :

BNA_F

ClientSampleId :

S-2

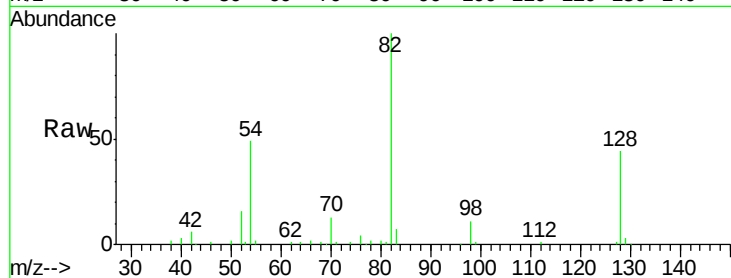
Tgt Ion: 82 Resp: 132942

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

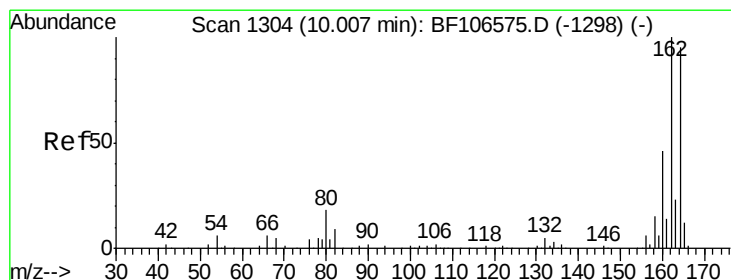
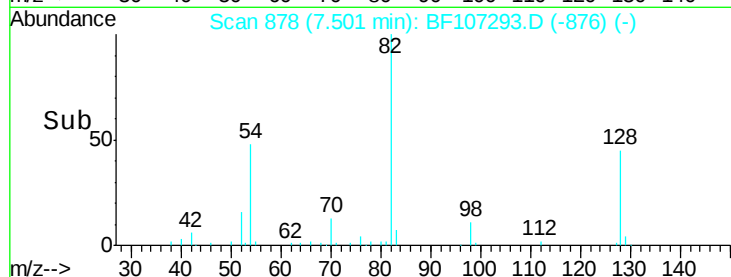
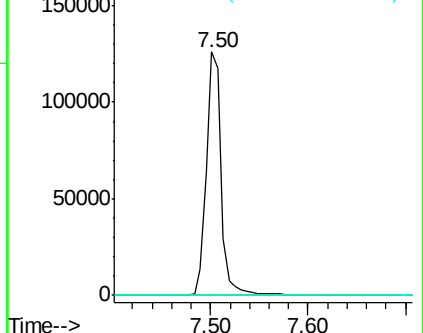
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

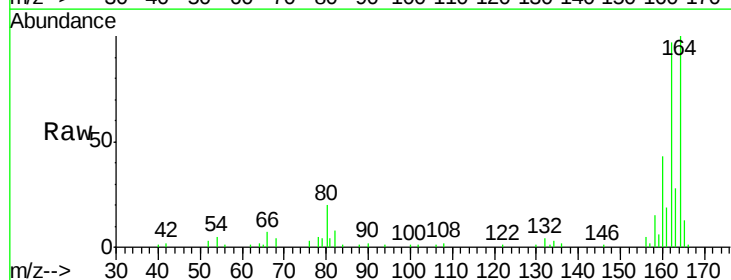
Tgt Ion: 164 Resp: 43570

Ion Ratio Lower Upper

164 100

162 96.6 86.1 129.1

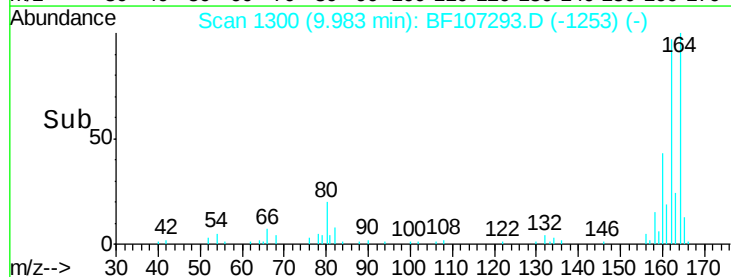
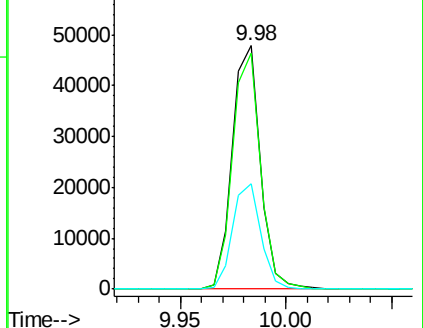
160 43.1 38.3 57.5



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

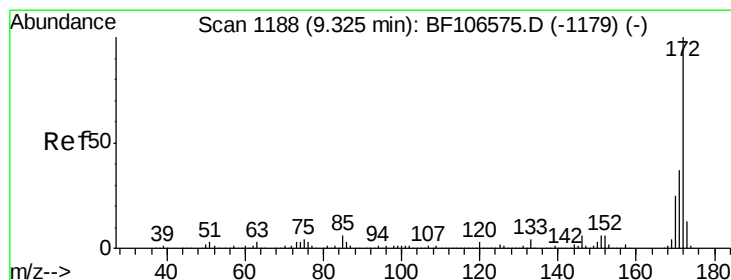
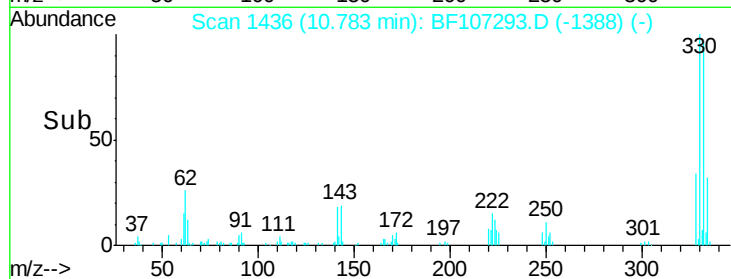
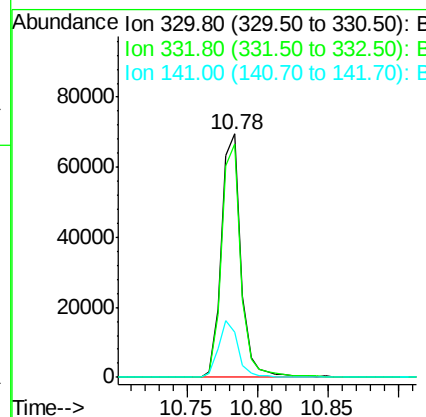
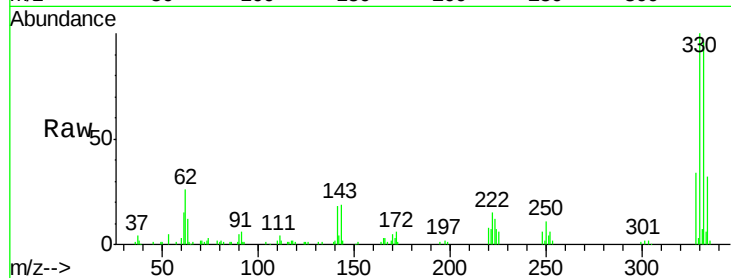




#41
 2,4,6-Tribromophenol
 Concen: 132.742 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107293.D
 Acq: 11 Jul 2018 1:25

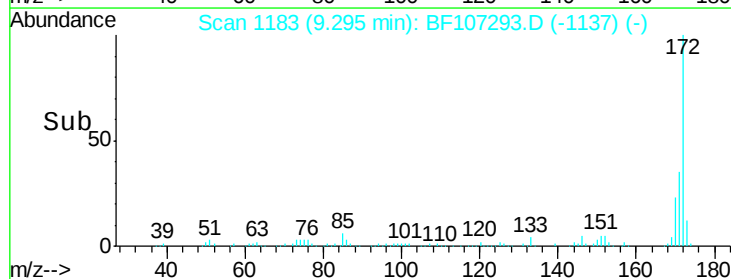
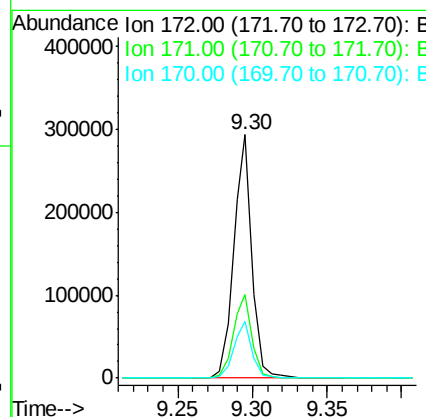
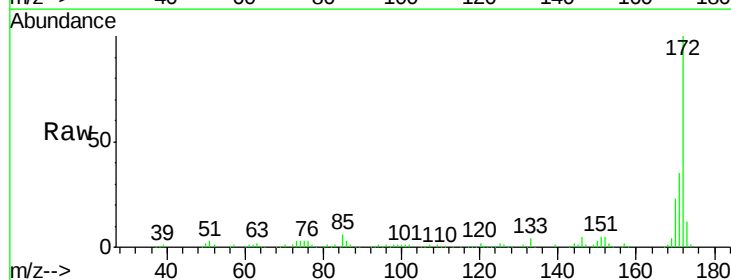
Instrument :
 BNA_F
 ClientSampleId :
 S-2

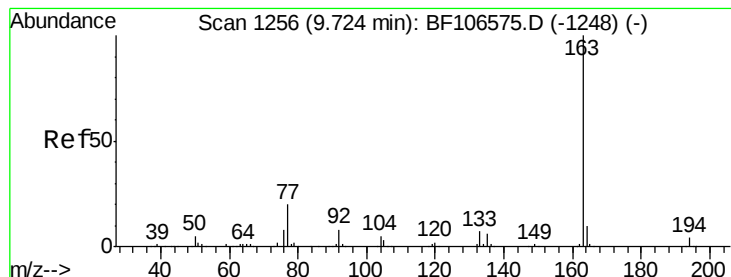
Tgt Ion:330 Resp: 67033
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 23.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 100.387 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107293.D
 Acq: 11 Jul 2018 1:25

Tgt Ion:172 Resp: 251534
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.1 19.6 29.4





#49

Dimethylphthalate

Concen: 17.288 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Instrument :

BNA_F

ClientSampleId :

S-2

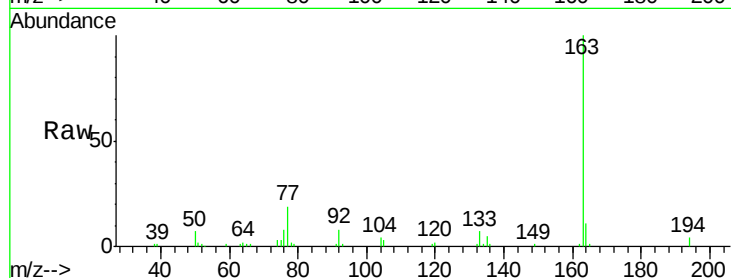
Tgt Ion:163 Resp: 56494

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

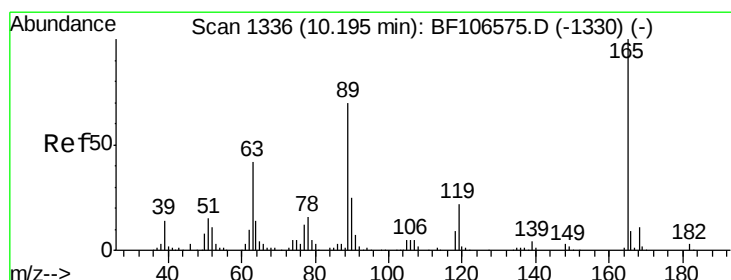
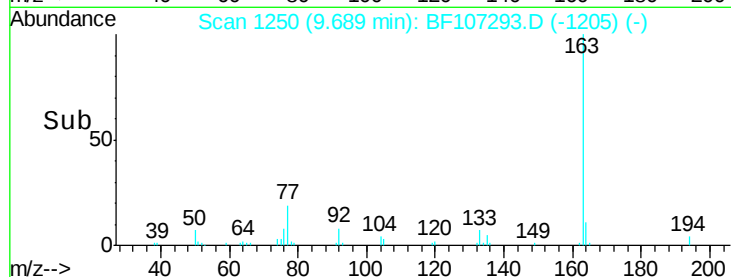
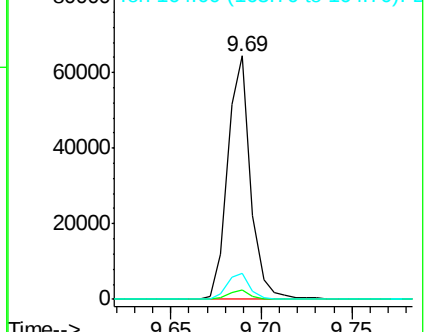
164 10.5 8.2 12.2



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: 5.965 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.22 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Tgt Ion:165 Resp: 5388

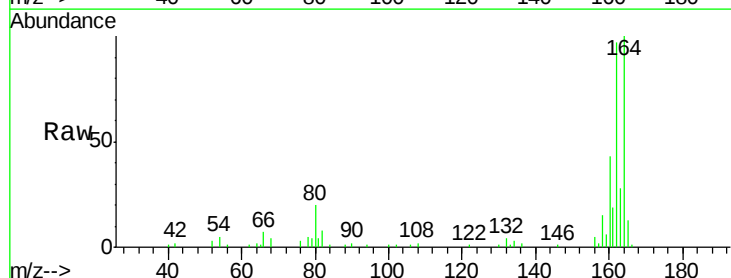
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

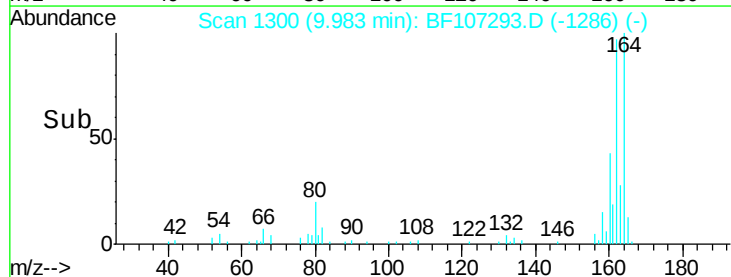
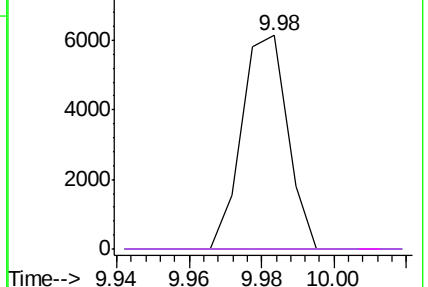


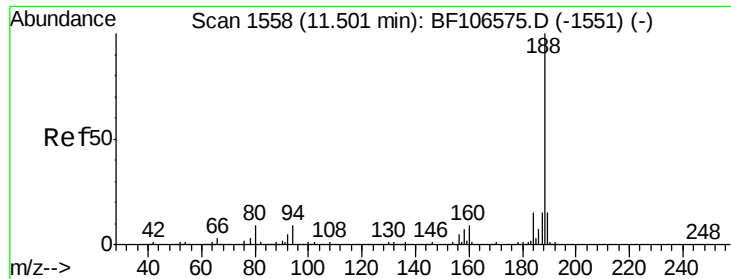
Abundance Ion 165.00 (164.70 to 165.70): E

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

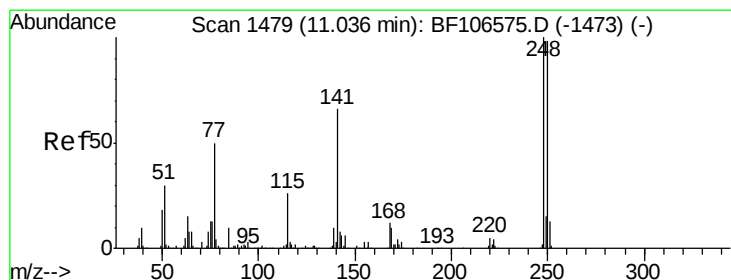
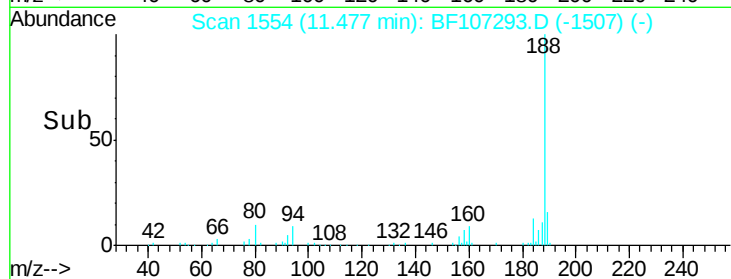
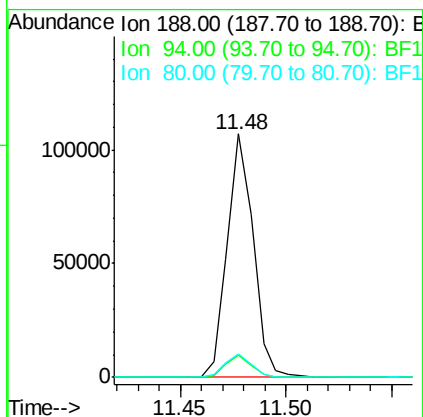
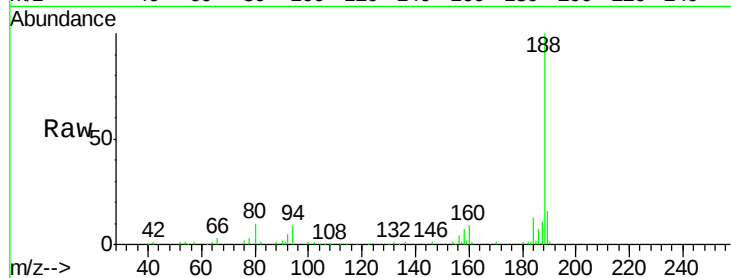




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107293.D
Acq: 11 Jul 2018 1:25

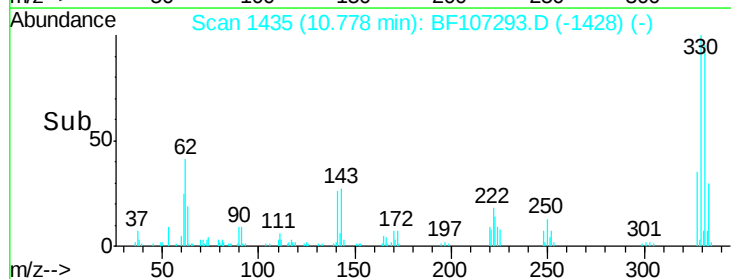
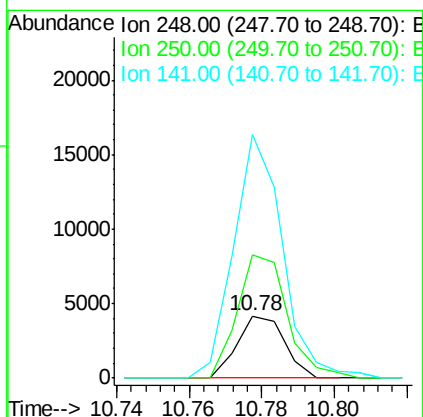
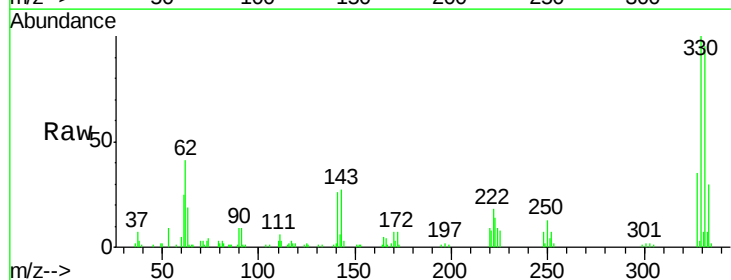
Instrument :
BNA_F
ClientSampleId :
S-2

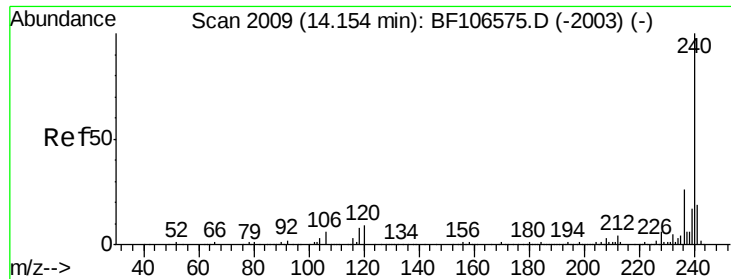
Tgt Ion:188 Resp: 91024
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.509 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.26 min
Lab File: BF107293.D
Acq: 11 Jul 2018 1:25

Tgt Ion:248 Resp: 3812
Ion Ratio Lower Upper
248 100
250 198.5 76.9 115.3#
141 392.9 74.4 111.6#

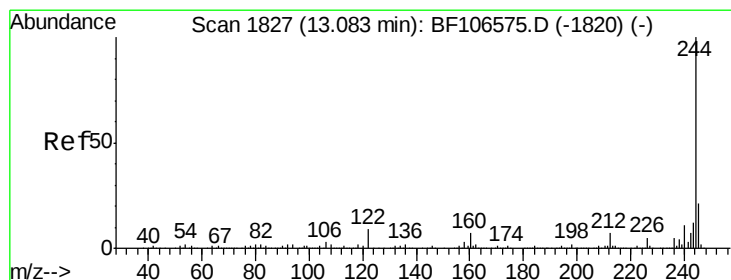
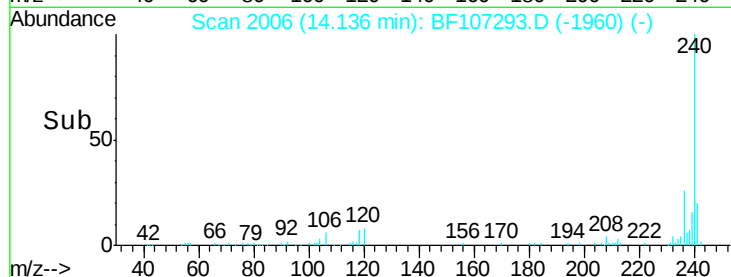
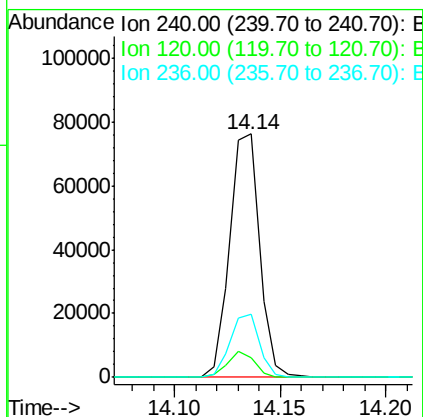
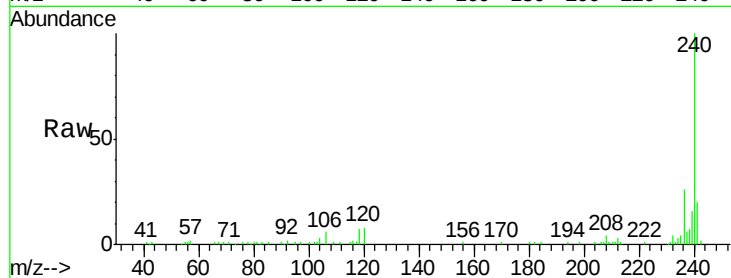




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107293.D
 Acq: 11 Jul 2018 1:25

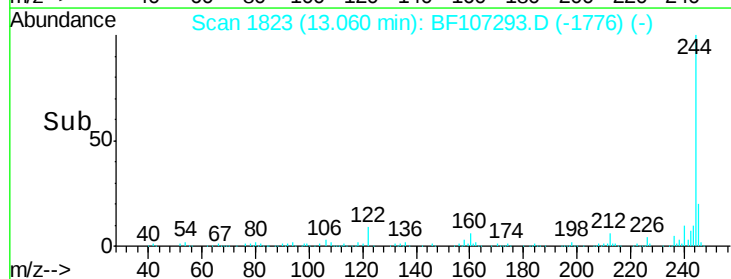
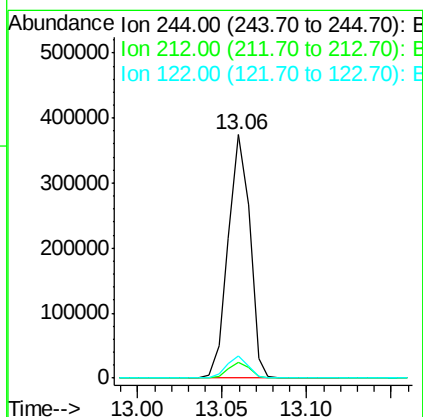
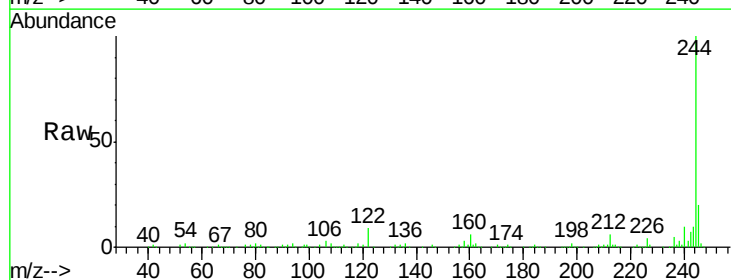
Instrument :
 BNA_F
 ClientSampleId :
 S-2

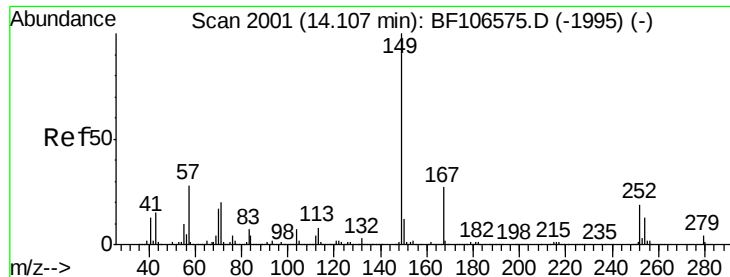
Tgt Ion: 240 Resp: 74526
 Ion Ratio Lower Upper
 240 100
 120 8.1 9.5 14.3#
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 108.416 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107293.D
 Acq: 11 Jul 2018 1:25

Tgt Ion: 244 Resp: 333561
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.0 11.0 16.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.164 ng

RT: 14.07 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

Instrument :

BNA_F

ClientSampleId :

S-2

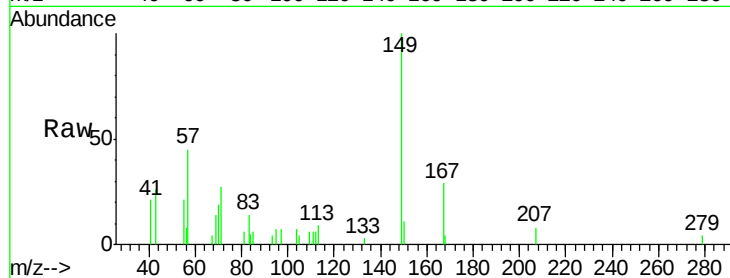
Tgt Ion:149 Resp: 8173

Ion Ratio Lower Upper

149 100

167 29.0 21.3 31.9

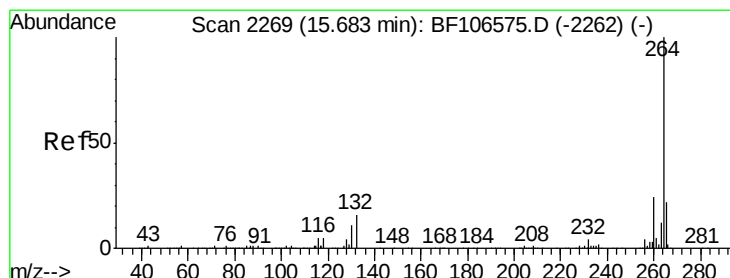
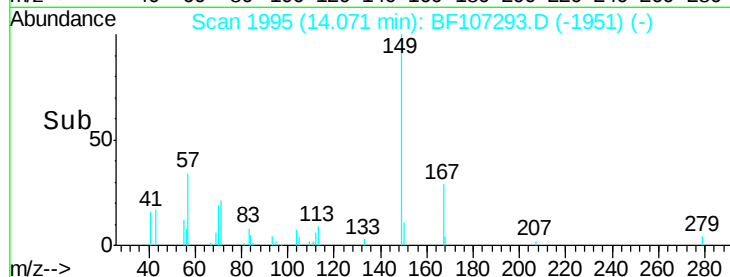
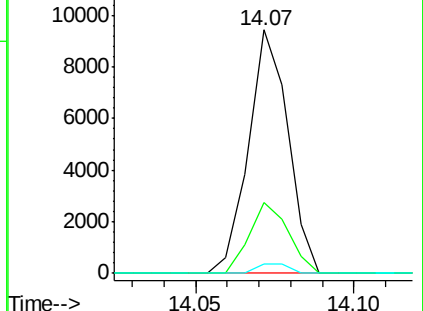
279 3.9 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2266

Delta R.T. -0.05 min

Lab File: BF107293.D

Acq: 11 Jul 2018 1:25

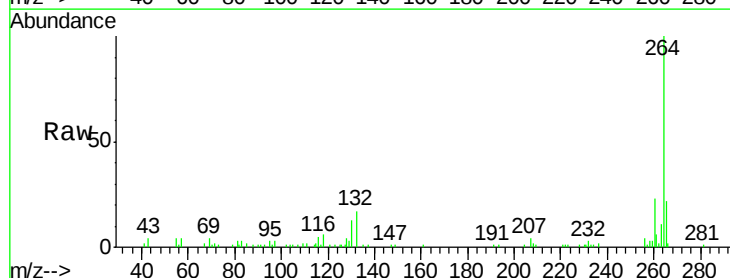
Tgt Ion:264 Resp: 55163

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.0 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

