

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062118\
 Data File : BF106662.D
 Acq On : 21 Jun 2018 15:26
 Operator : JU/SJ
 Sample : J3584-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Quant Time: Jun 21 15:53:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

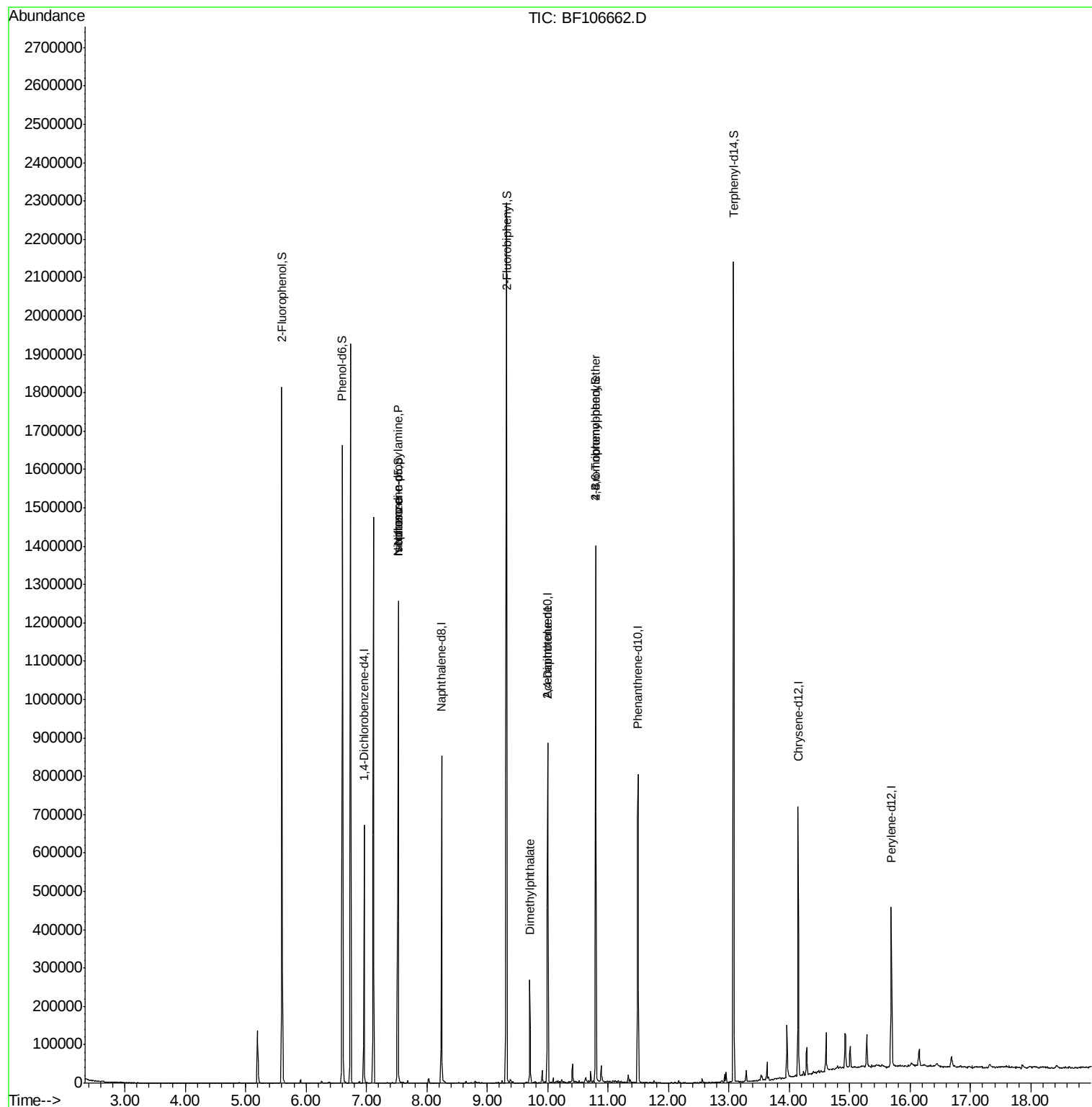
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90046	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	344009	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	170699	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	299496	20.00	ng	0.00
75) Chrysene-d12	14.15	240	236513	20.00	ng	0.00
86) Perylene-d12	15.69	264	184867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	493632	92.83	ng	0.00
7) Phenol-d6	6.60	99	636076	95.78	ng	0.00
23) Nitrobenzene-d5	7.52	82	411917	66.54	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	191498	96.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	733098	70.11	ng	0.00
78) Terphenyl-d14	13.08	244	741066	75.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	54506	12.452	ng	# 72
25) Isophorone	7.52	82	411911	37.762	ng	# 64
49) Dimethylphthalate	9.71	163	96101	7.506	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	21616	6.109	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	11968	3.348	ng	# 1

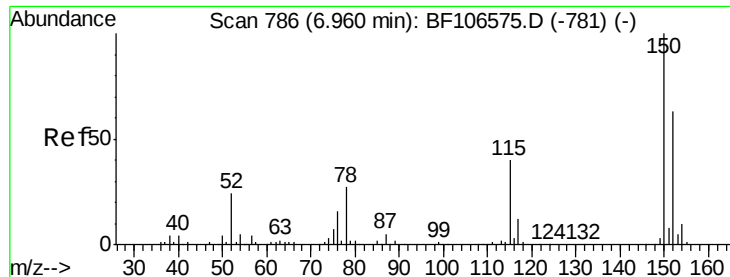
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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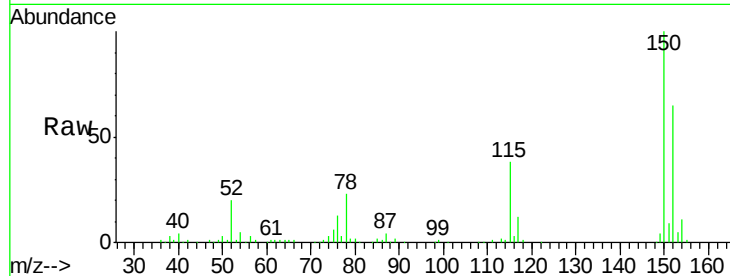


#1

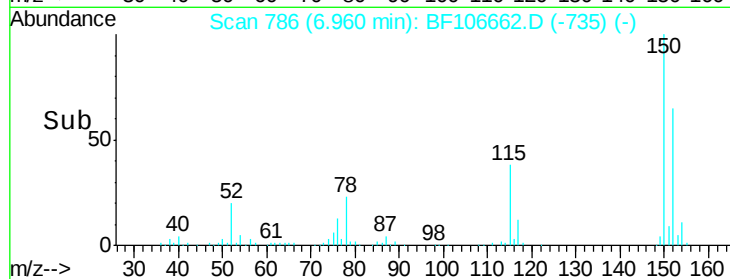
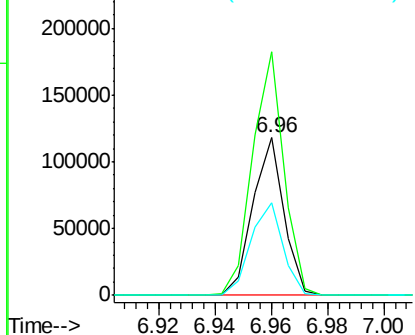
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion:152 Resp: 90046
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 58.6 50.1 75.1



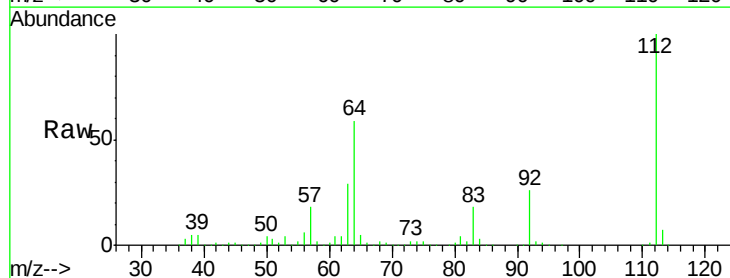
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



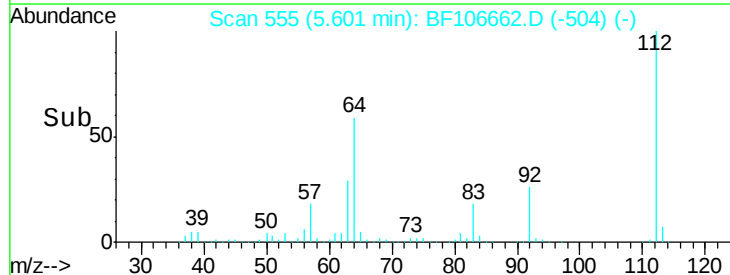
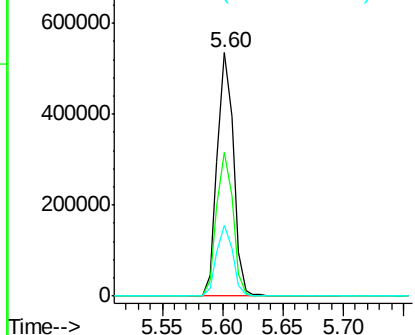
#5

2-Fluorophenol
Concen: 92.828 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Tgt Ion:112 Resp: 493632
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.2 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: 95.783 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampleId :

TP-1-D

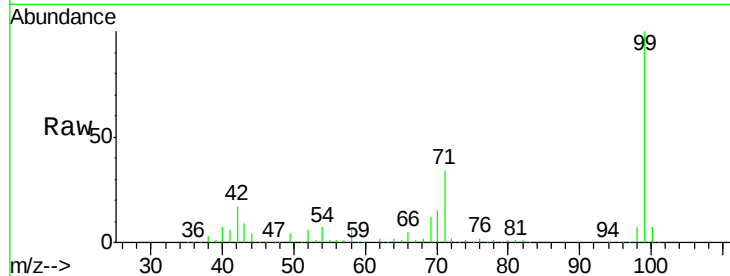
Tgt Ion: 99 Resp: 636076

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

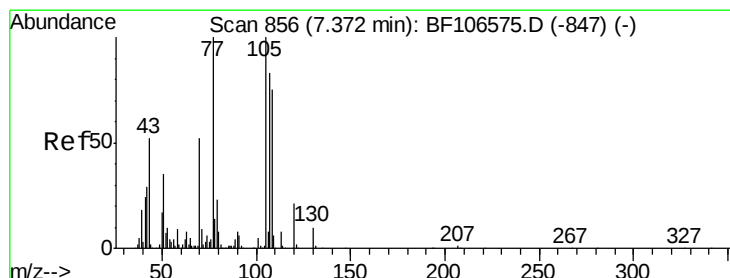
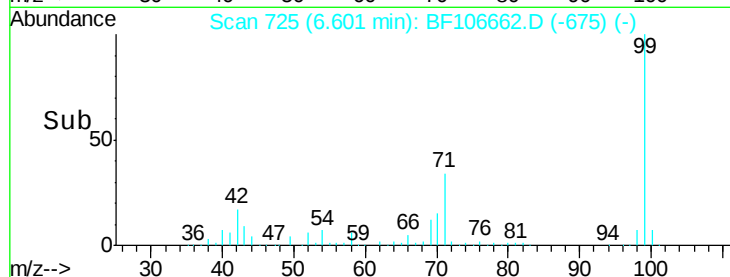
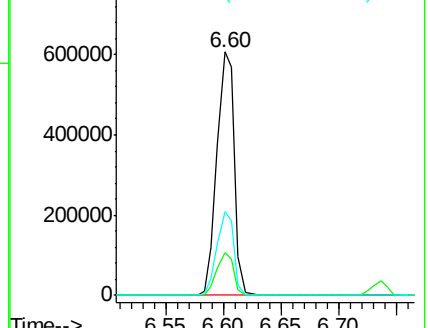
71 34.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.452 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Tgt Ion: 70 Resp: 54506

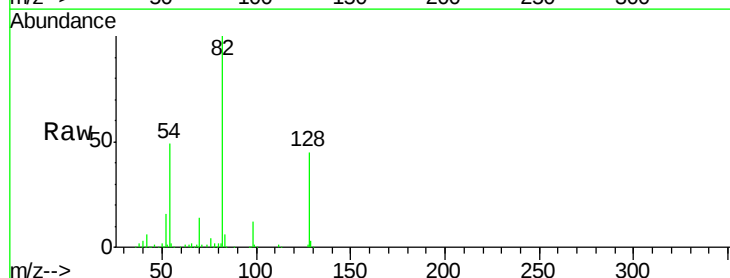
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

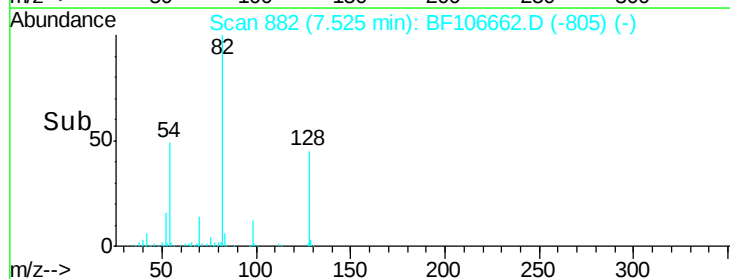
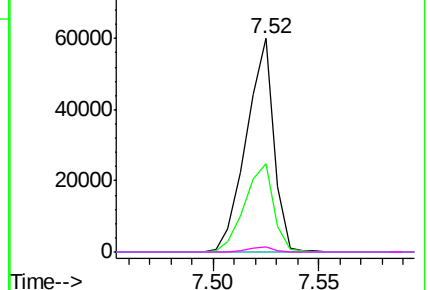


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

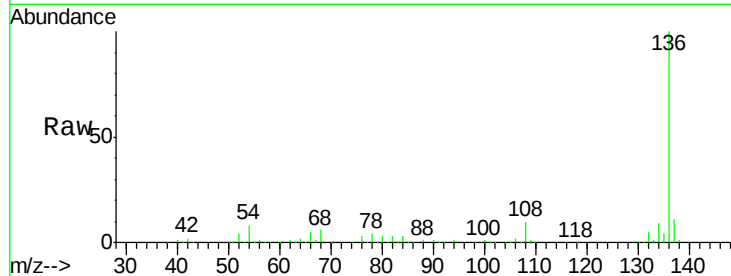




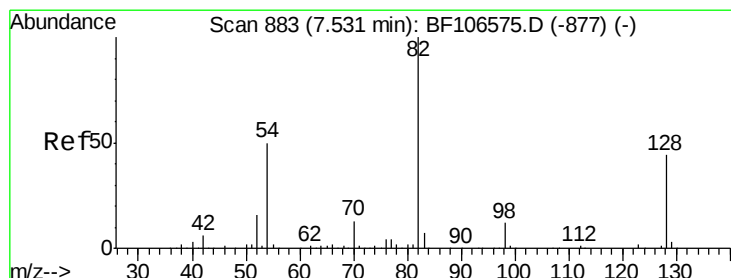
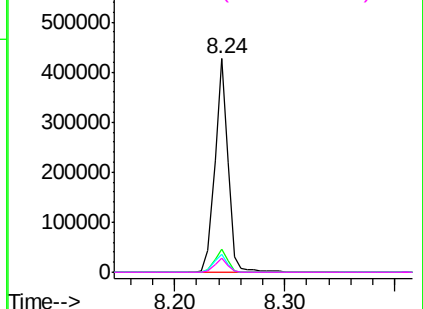
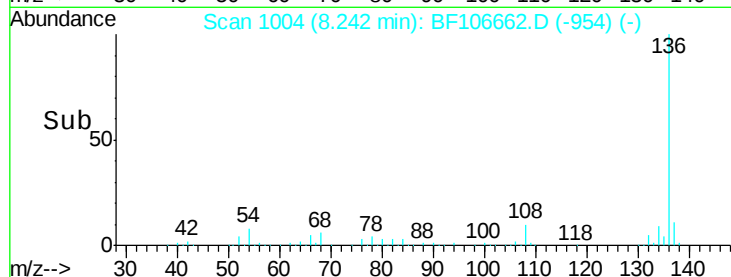
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion: 136 Resp: 344009
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.6 9.8
68 6.4 5.0 7.4

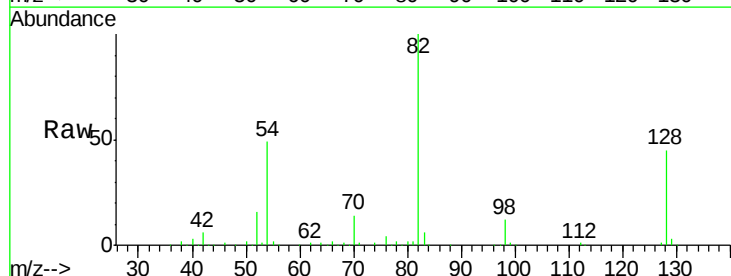


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

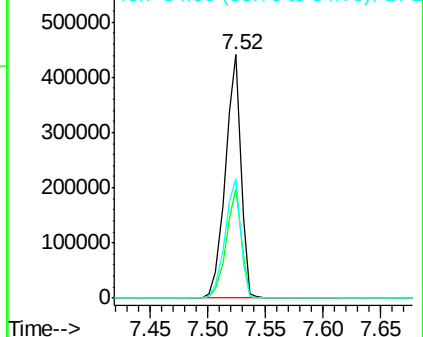
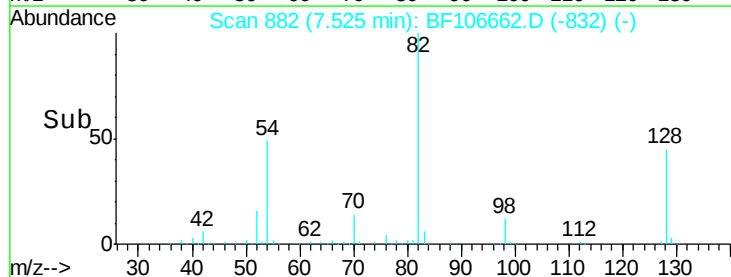


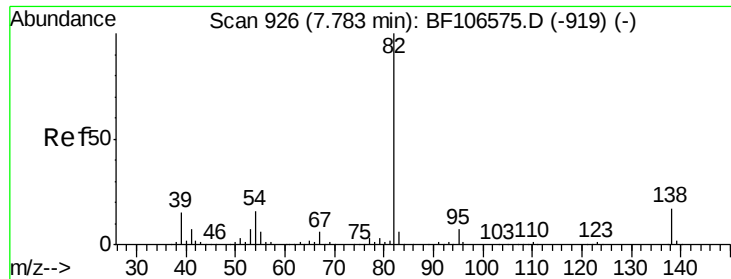
#23
Nitrobenzene-d5
Concen: 66.544 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Tgt Ion: 82 Resp: 411917
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 49.3 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: 37.762 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampleId :

TP-1-D

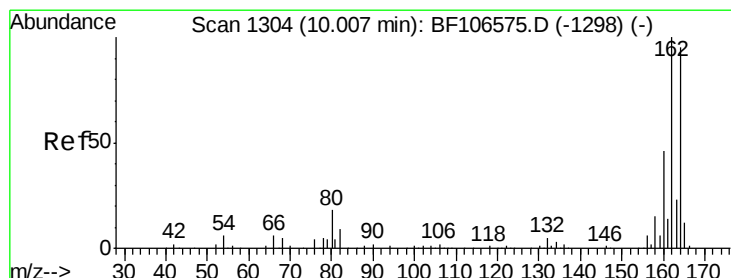
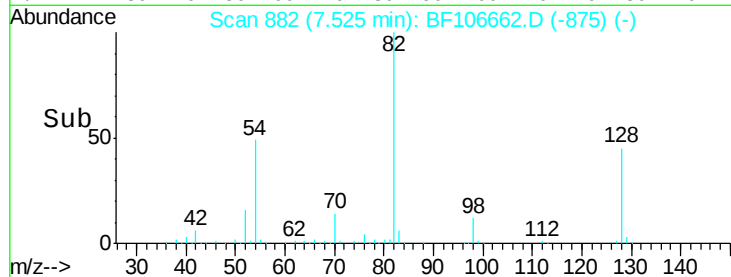
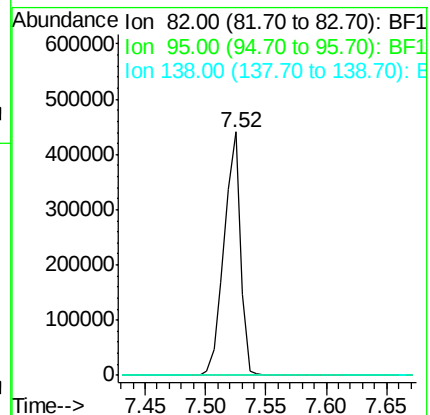
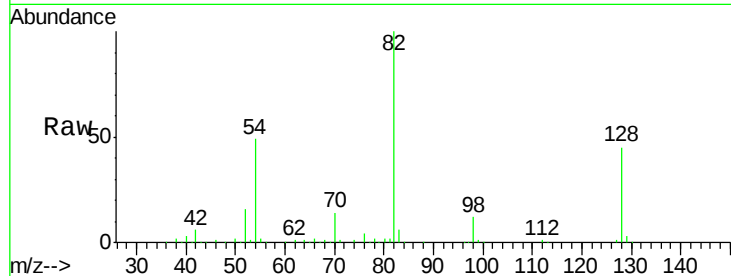
Tgt Ion: 82 Resp: 411911

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

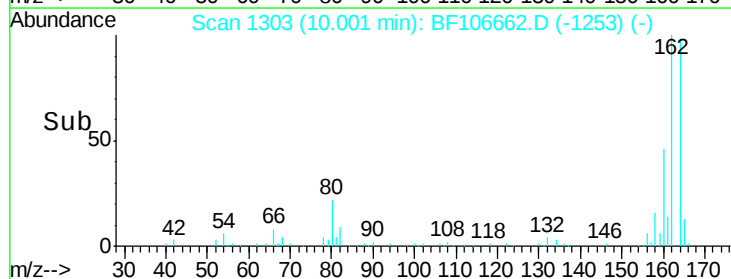
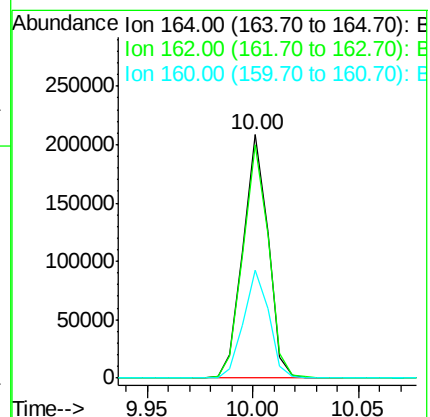
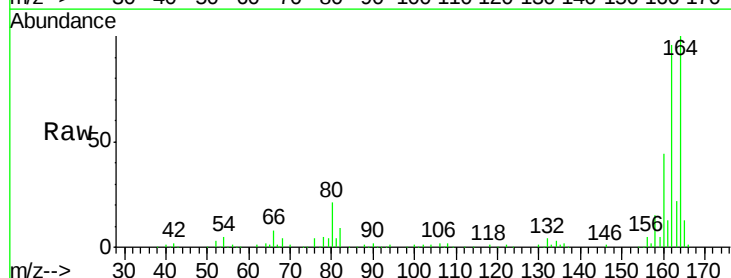
Tgt Ion: 164 Resp: 170699

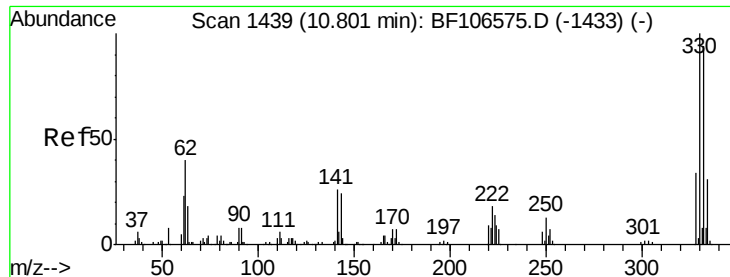
Ion Ratio Lower Upper

164 100

162 95.9 86.1 129.1

160 44.2 38.3 57.5

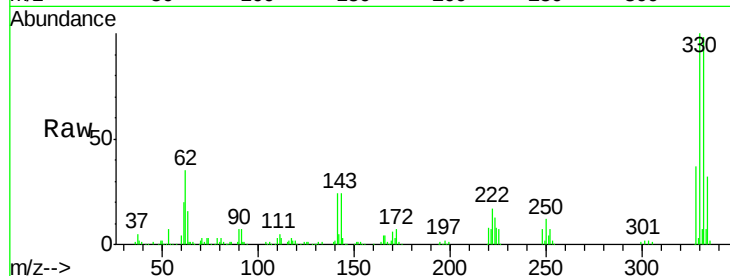




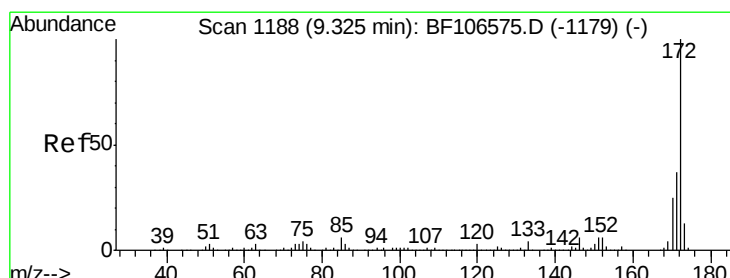
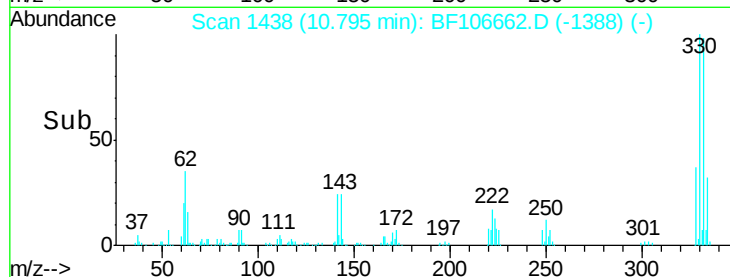
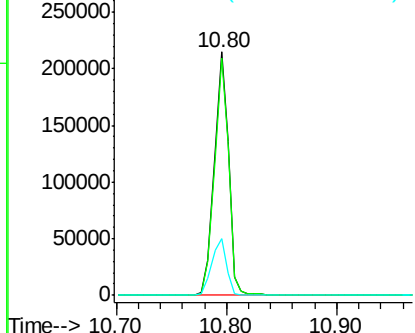
#41
 2,4,6-Tribromophenol
 Concen: 96.792 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106662.D
 Acq: 21 Jun 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	24.1	29.9	44.9

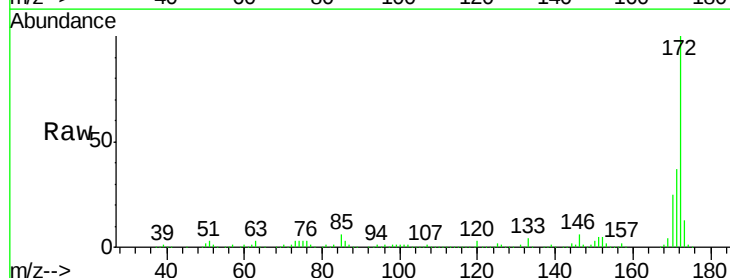


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

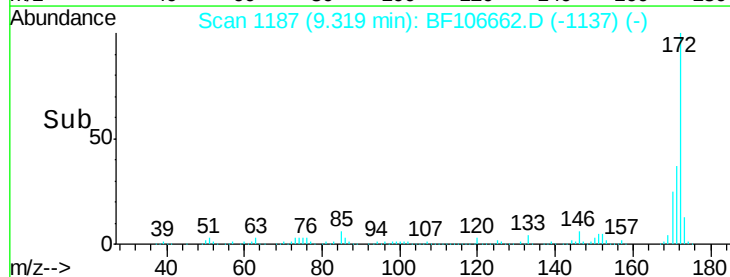
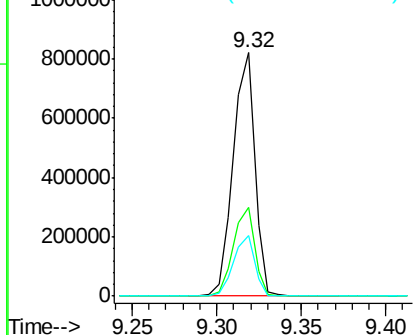


#44
 2-Fluorobiphenyl
 Concen: 70.109 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106662.D
 Acq: 21 Jun 2018 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	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

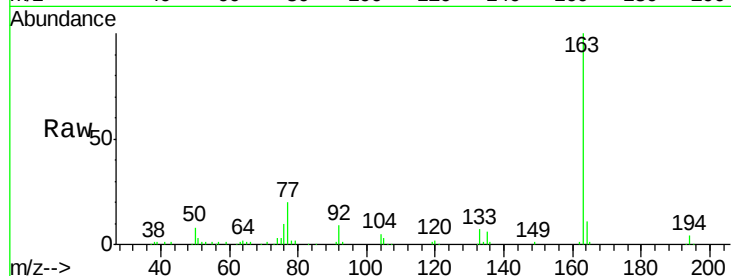




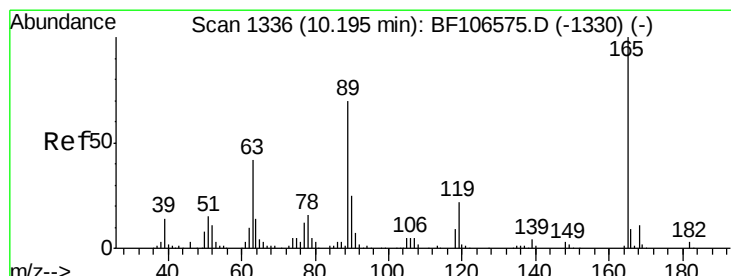
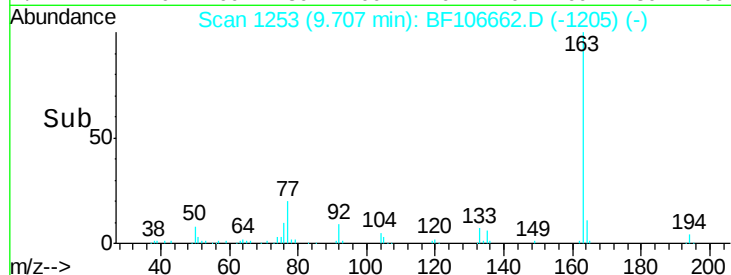
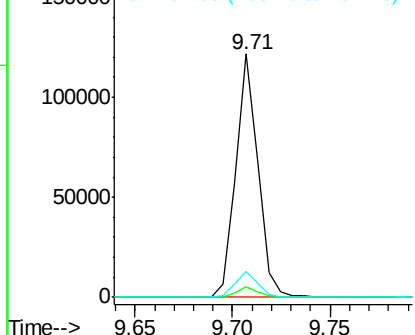
#49
Dimethylphthalate
Concen: 7.506 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion:163 Resp: 96101
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.8 8.2 12.2

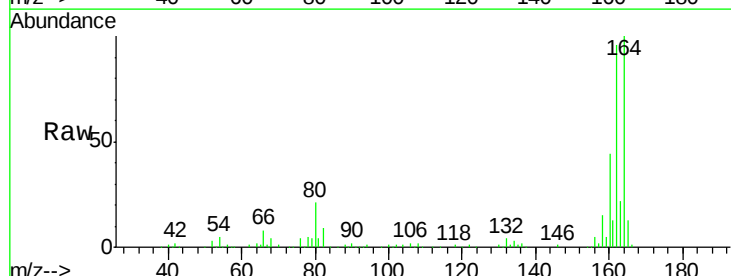


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

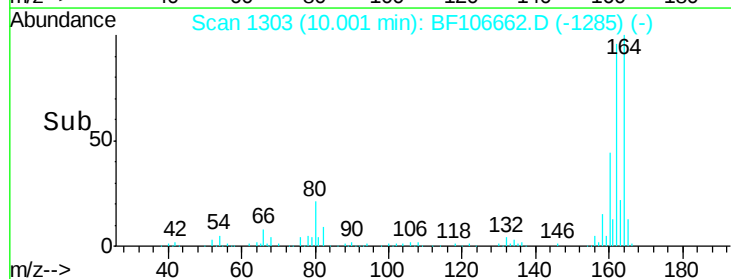
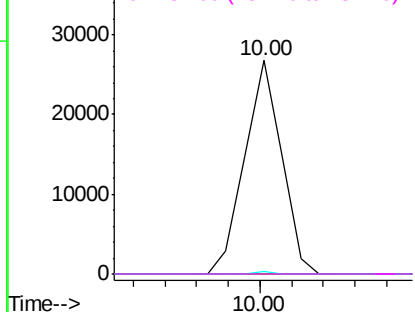


#56
2,4-Dinitrotoluene
Concen: 6.109 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Tgt Ion:165 Resp: 21616
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.2 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

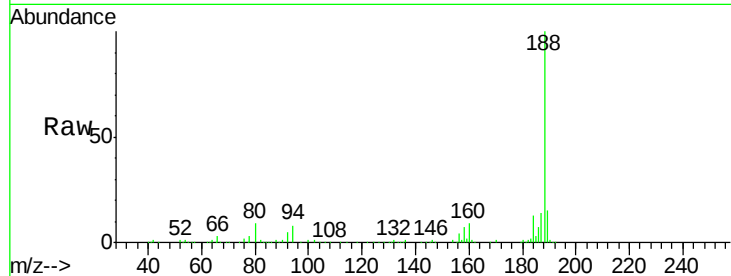




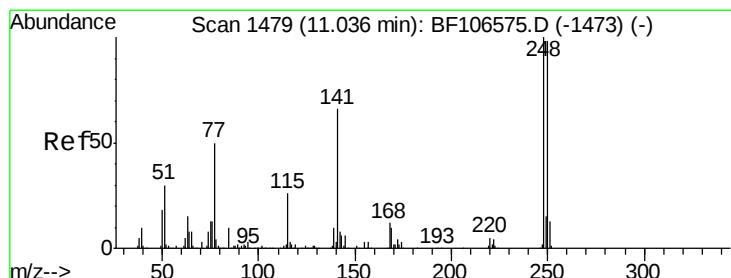
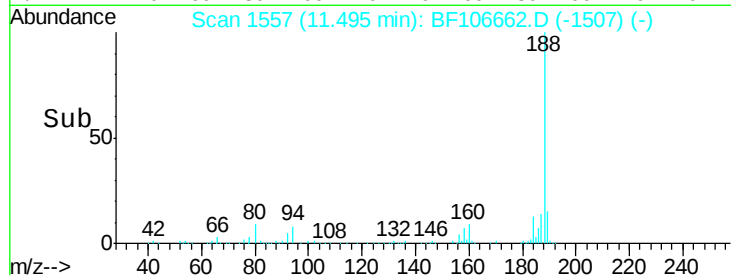
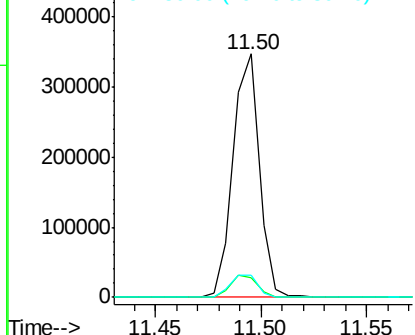
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion:188 Resp: 299496
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.1 9.2 13.8#

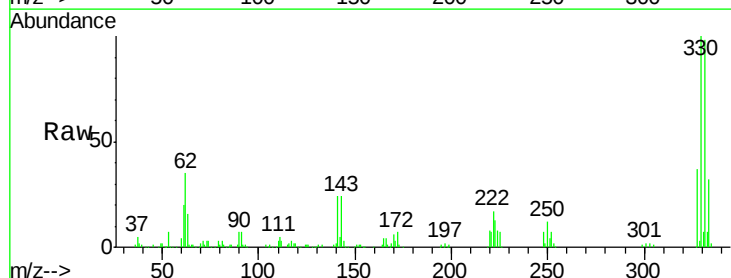


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

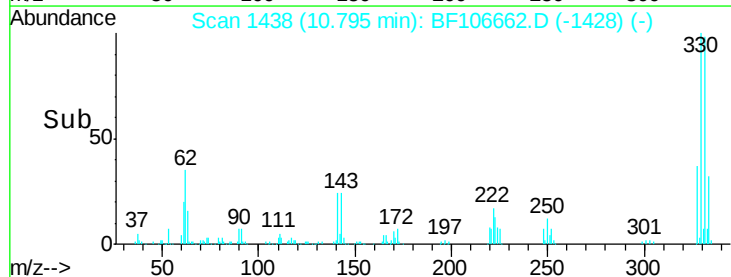
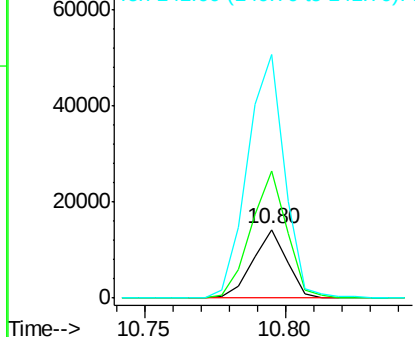


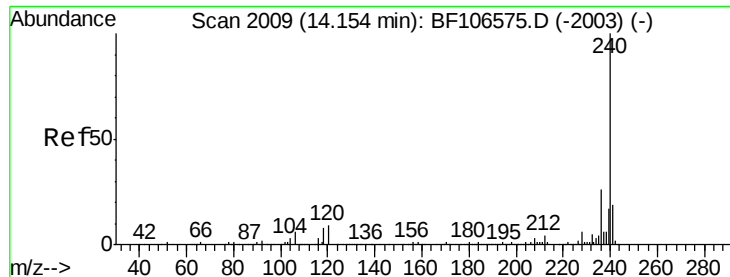
#66
4-Bromophenyl-phenylether
Concen: 3.348 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Tgt Ion:248 Resp: 11968
Ion Ratio Lower Upper
248 100
250 185.1 76.9 115.3#
141 354.1 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

Instrument :

BNA_F

ClientSampleId :

TP-1-D

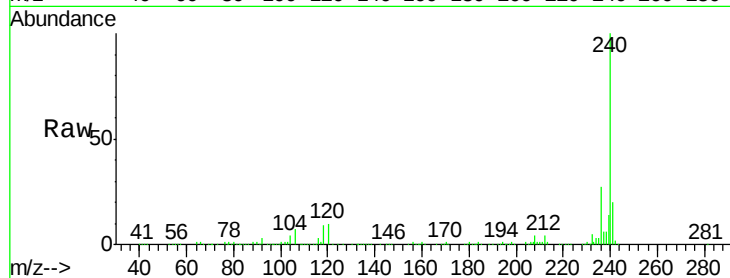
Tgt Ion:240 Resp: 236513

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

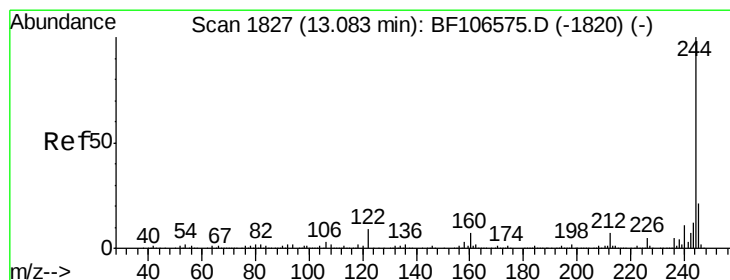
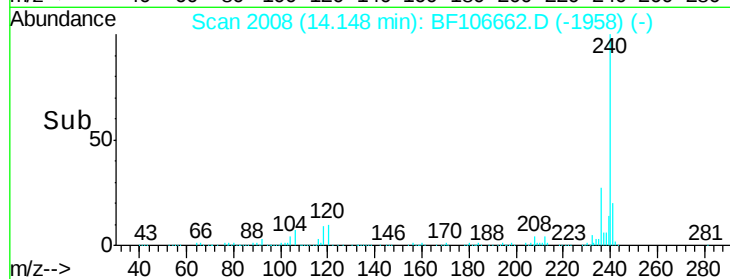
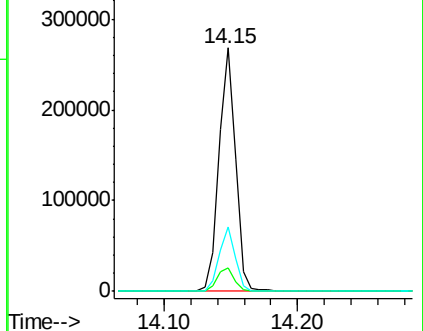
236 26.6 20.7 31.1



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: 75.898 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106662.D

Acq: 21 Jun 2018 15:26

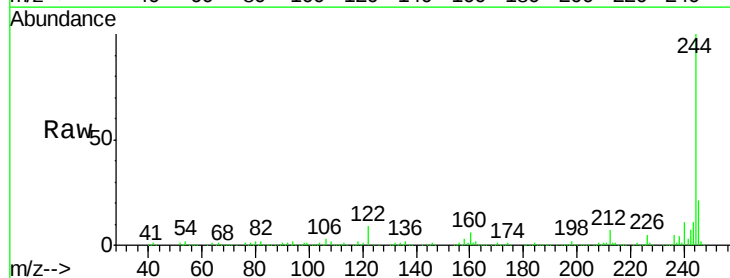
Tgt Ion:244 Resp: 741066

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

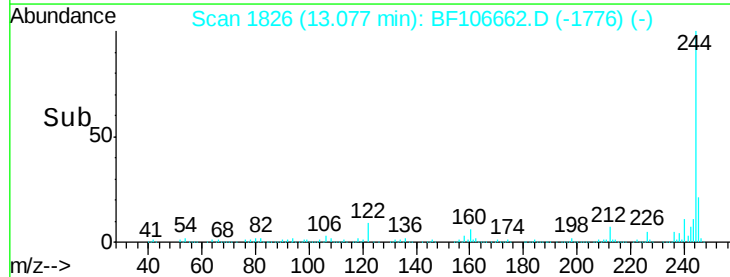
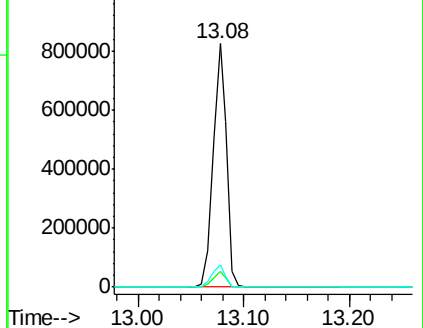
122 9.1 11.0 16.4#

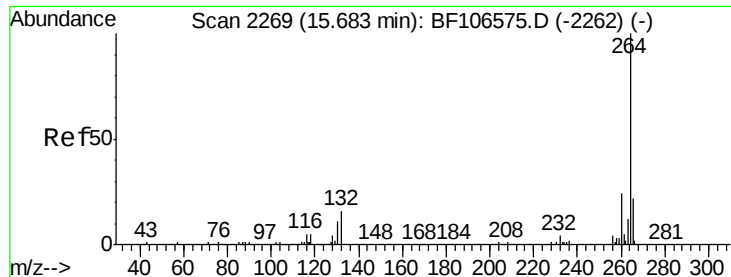


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

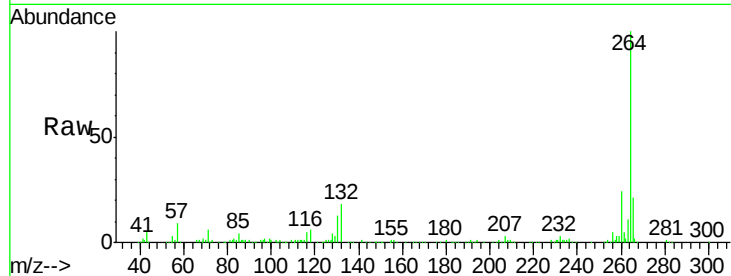




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106662.D
Acq: 21 Jun 2018 15:26

Instrument :
BNA_F
ClientSampleId :
TP-1-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	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

