

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106856.D
 Acq On : 27 Jun 2018 6:52
 Operator : JU/SJ
 Sample : J3687-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Jun 27 08:08:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

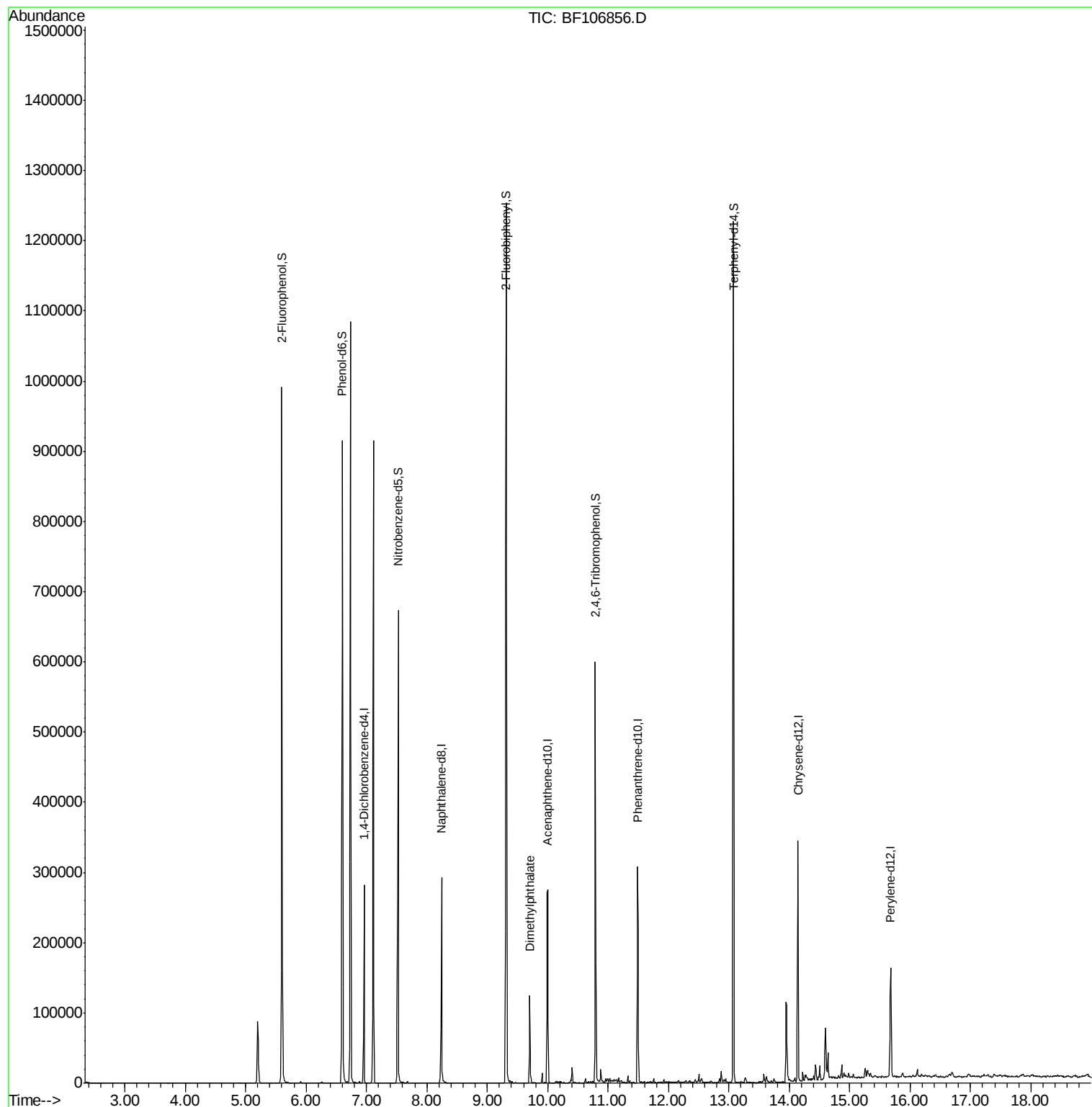
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42621	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145934	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64240	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	120832	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126892	20.00	ng	-0.02
86) Perylene-d12	15.68	264	83650	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	303537	120.59	ng	0.00
7) Phenol-d6	6.60	99	373636	118.87	ng	-0.01
23) Nitrobenzene-d5	7.52	82	225881	86.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	98376	132.13	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	408494	112.38	ng	-0.01
78) Terphenyl-d14	13.08	244	473806	90.45	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	59496	12.348	ng	97

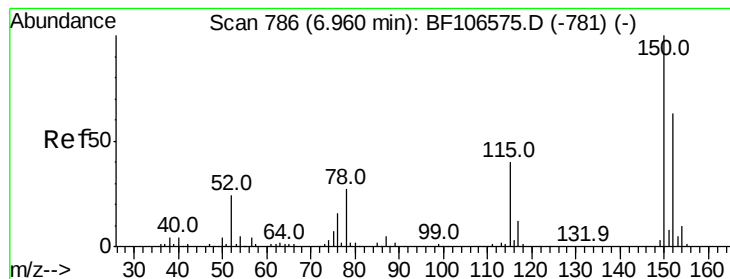
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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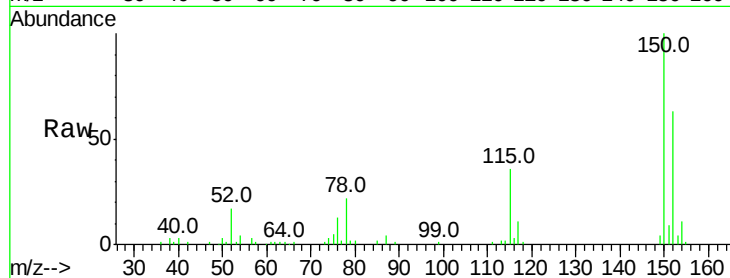


#1

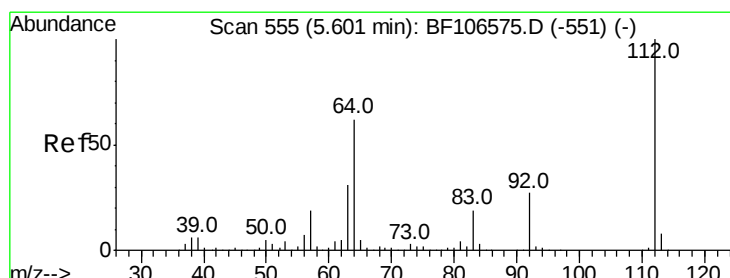
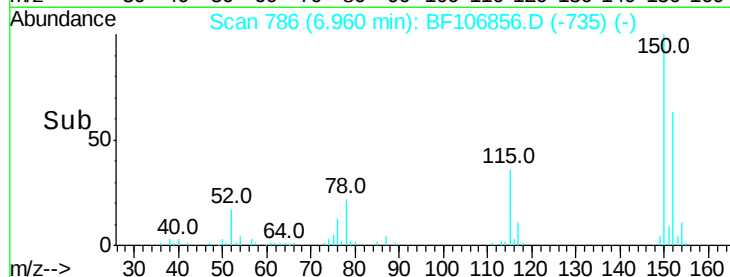
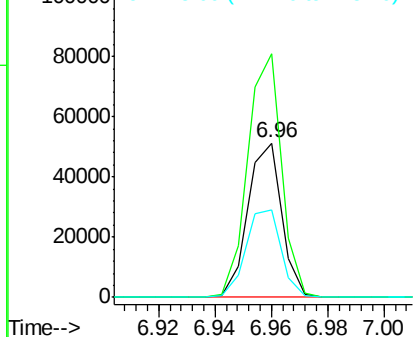
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :
PE-2

Tot Ion:152 Resp: 42621
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 56.7 50.1 75.1



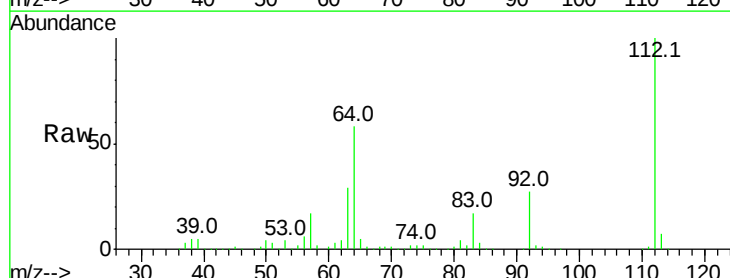
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



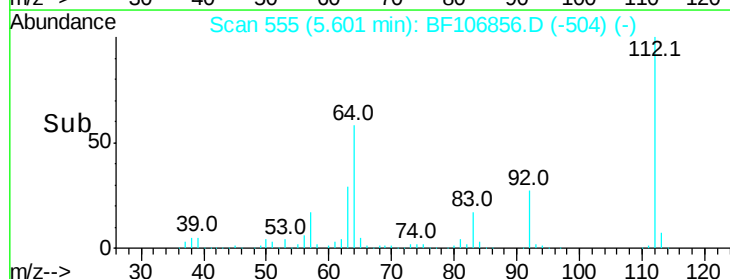
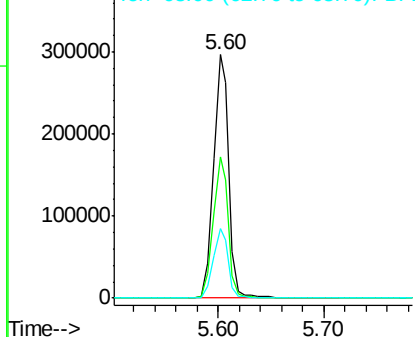
#5

2-Fluorophenol
Concen: 120.594 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Tgt Ion:112 Resp: 303537
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 28.8 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: 118.869 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106856.D

Acq: 27 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

PE-2

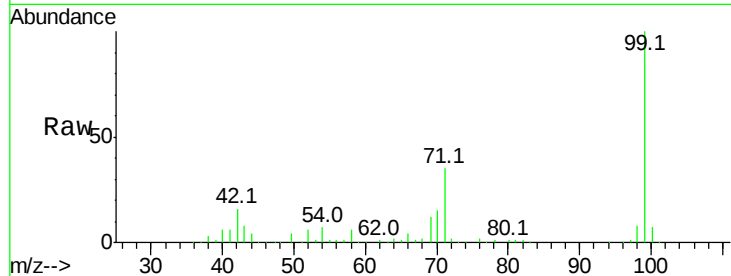
Tot Ion: 99 Resp: 373636

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

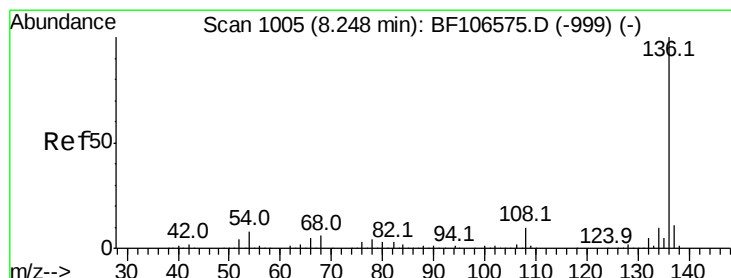
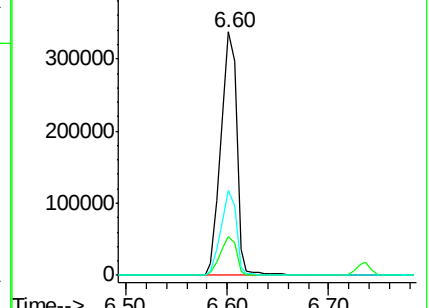
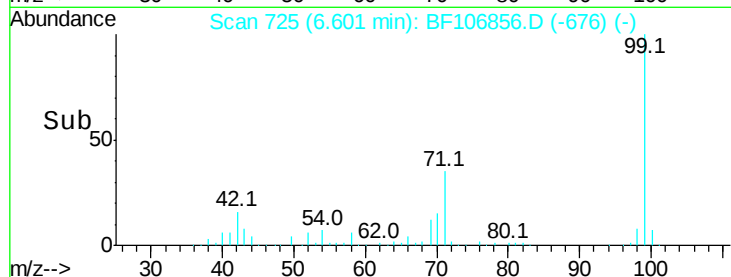
71 34.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106856.D

Acq: 27 Jun 2018 6:52

Tgt Ion: 136 Resp: 145934

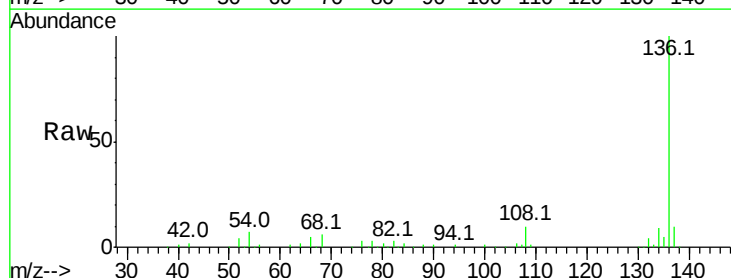
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4

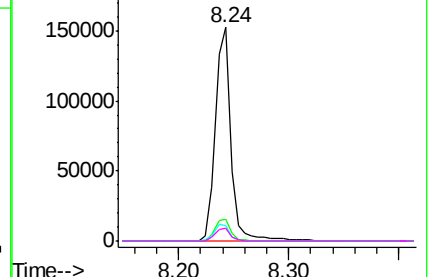
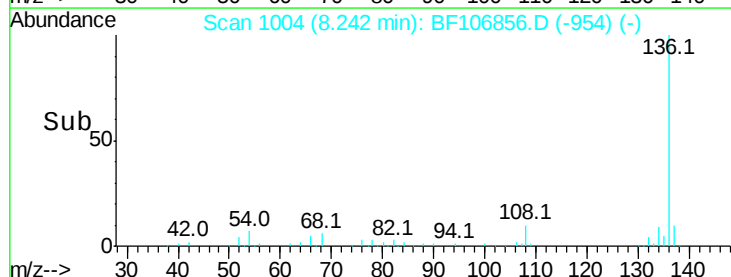


Abundance Ion 136.00 (135.70 to 136.70): E

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

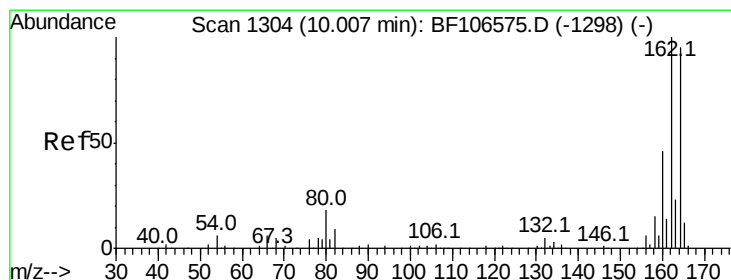
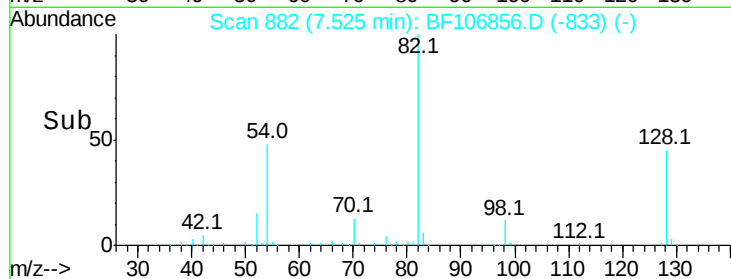
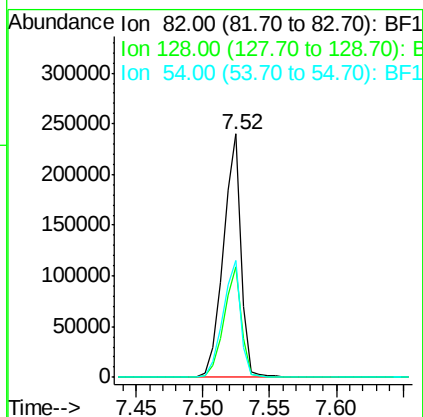
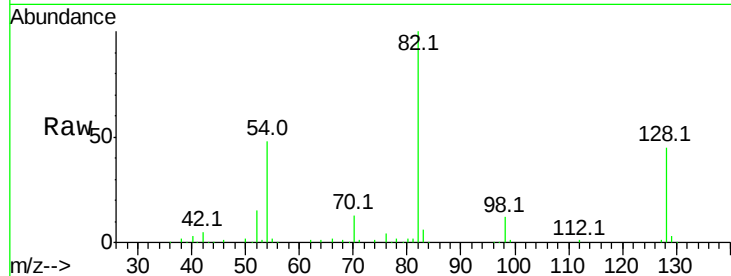




#23
 Nitrobenzene-d5
 Concen: 86.018 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

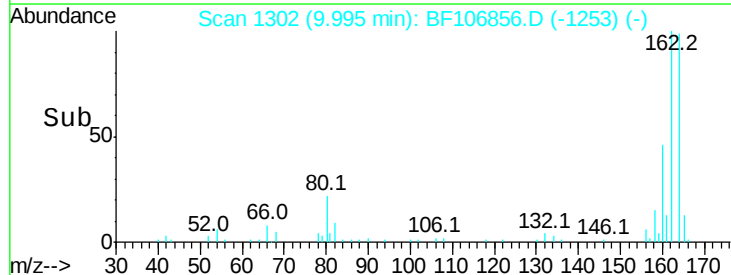
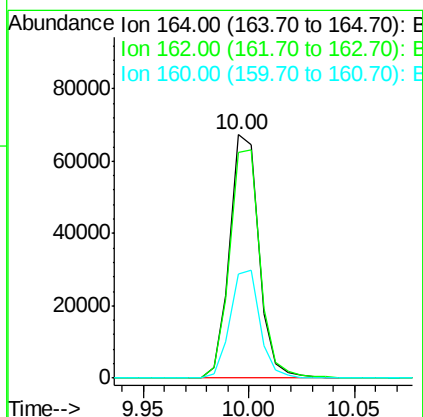
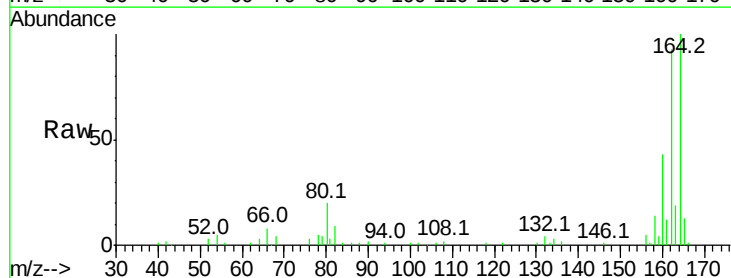
Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion: 82 Resp: 225881
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 47.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Tgt Ion: 164 Resp: 64240
 Ion Ratio Lower Upper
 164 100
 162 92.7 86.1 129.1
 160 42.7 38.3 57.5

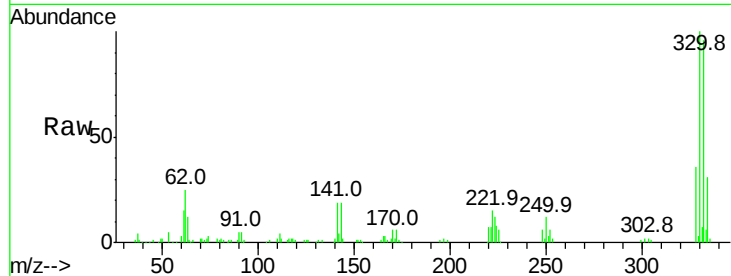




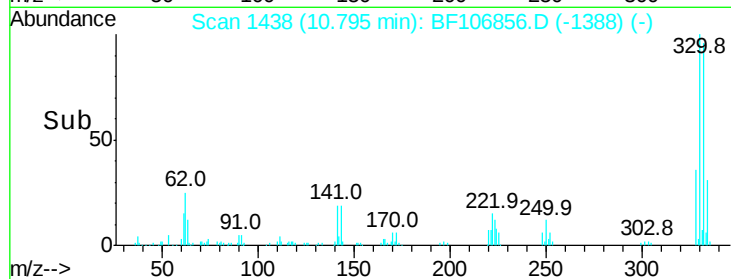
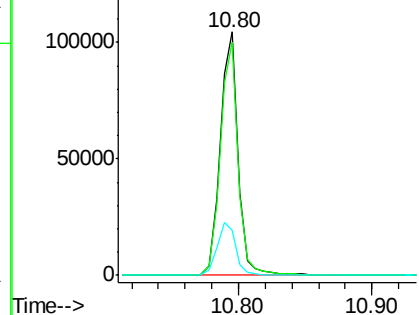
#41
 2,4,6-Tribromophenol
 Concen: 132.127 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampled :
 PE-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	22.8	29.9	44.9#

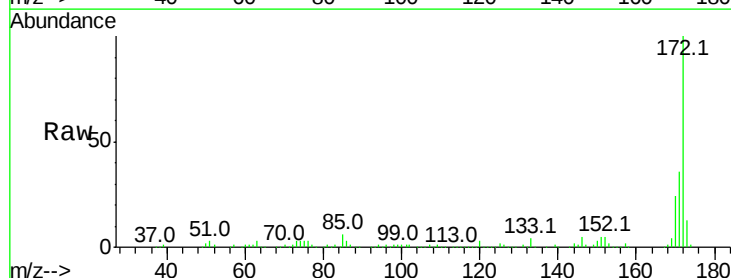


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

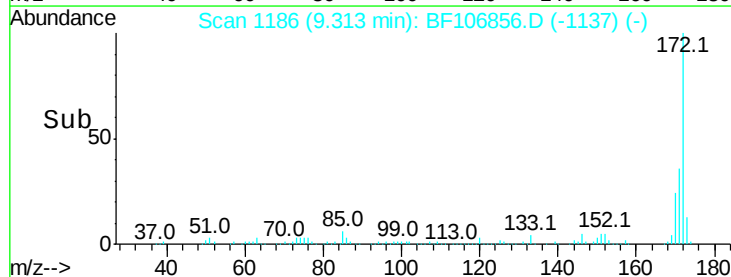
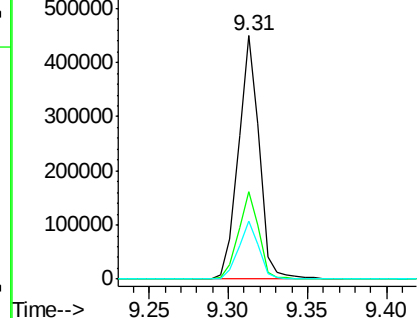


#44
 2-Fluorobiphenyl
 Concen: 112.384 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	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: 12.348 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106856.D

Acq: 27 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

PE-2

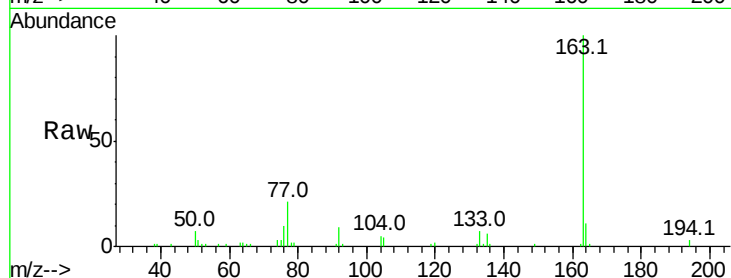
Tot Ion:163 Resp: 59496

Ion Ratio Lower Upper

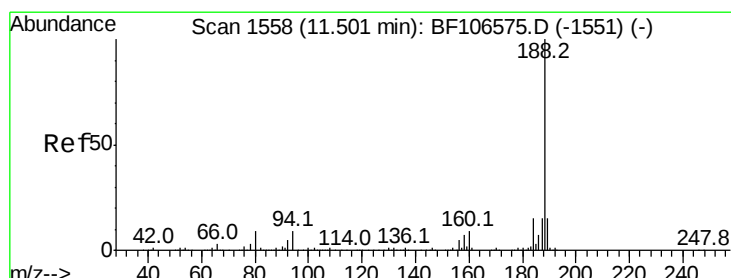
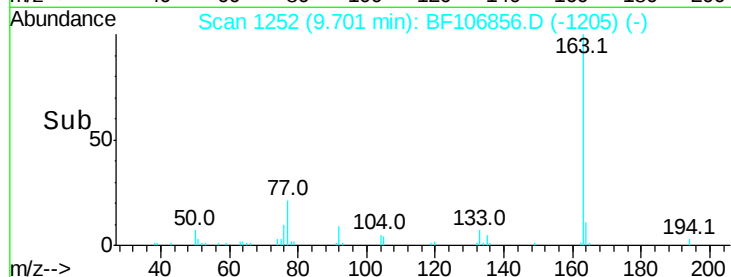
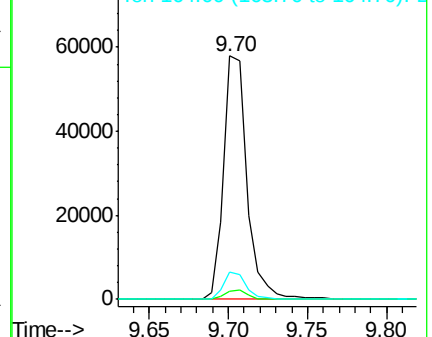
163 100

194 3.2 2.7 4.1

164 11.5 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106856.D

Acq: 27 Jun 2018 6:52

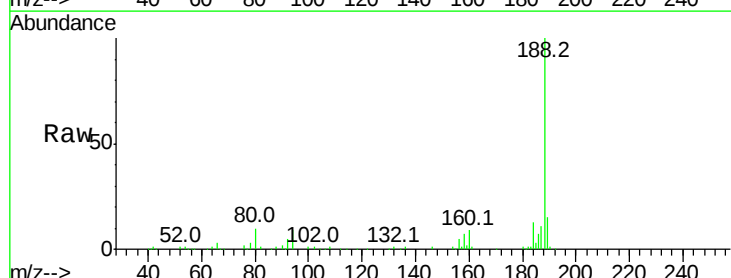
Tgt Ion:188 Resp: 120832

Ion Ratio Lower Upper

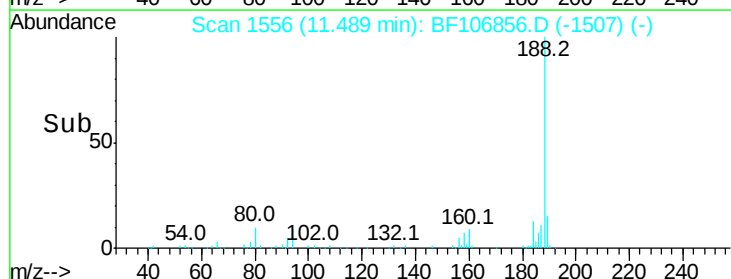
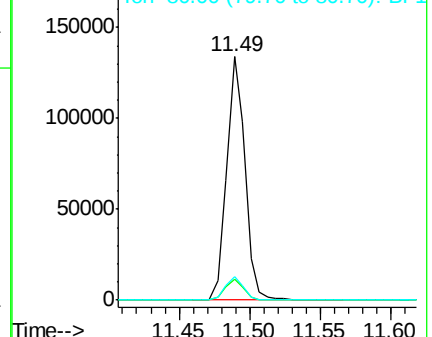
188 100

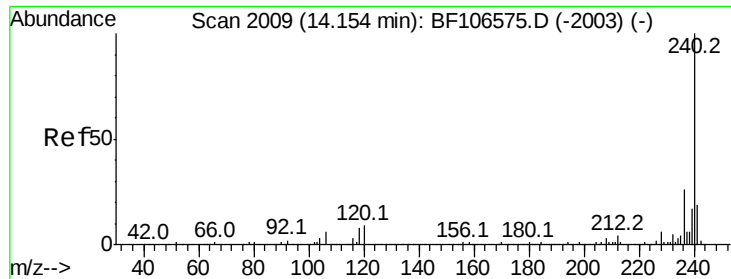
94 8.8 8.5 12.7

80 9.8 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

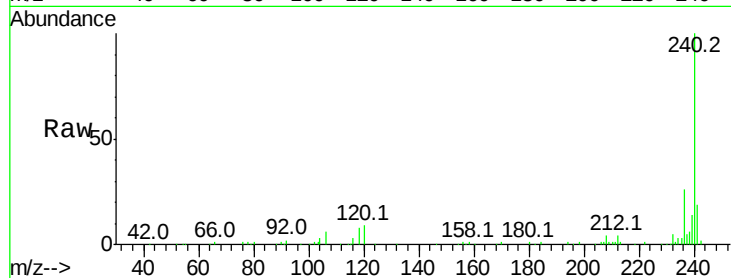




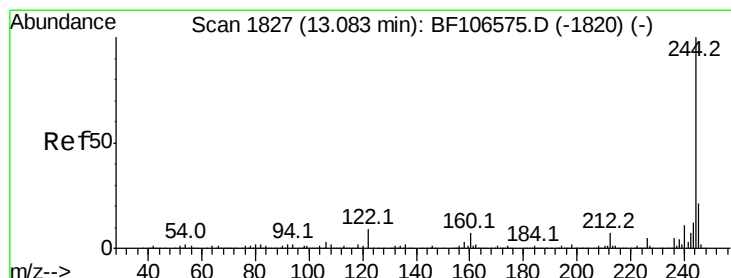
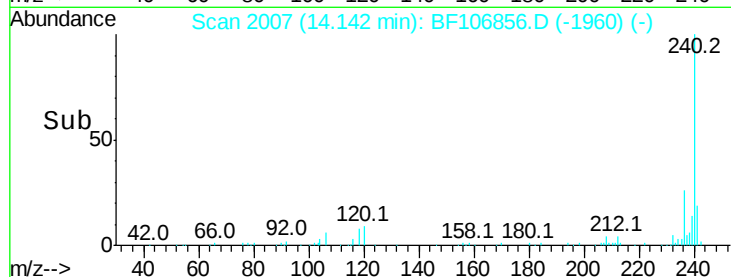
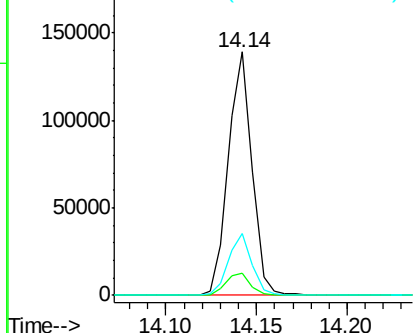
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:240 Resp: 126892
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 25.5 20.7 31.1

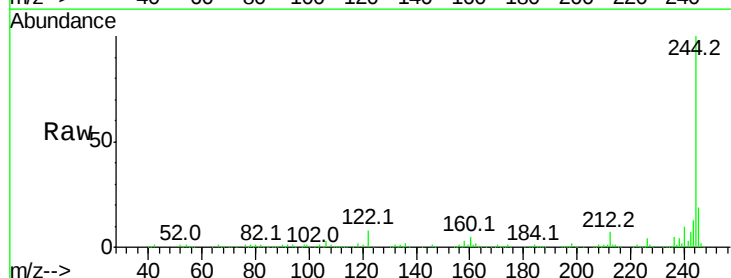


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

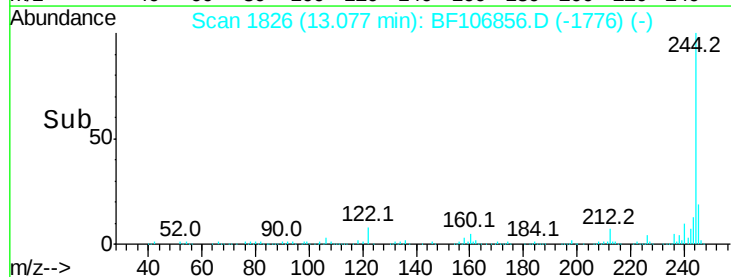
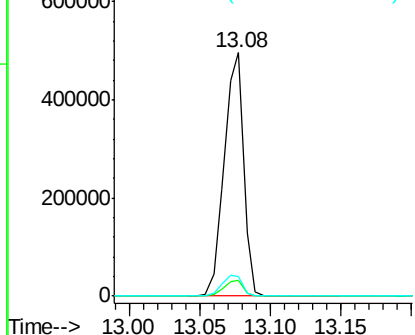


#78
 Terphenyl-d14
 Concen: 90.447 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Tgt Ion:244 Resp: 473806
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.1 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

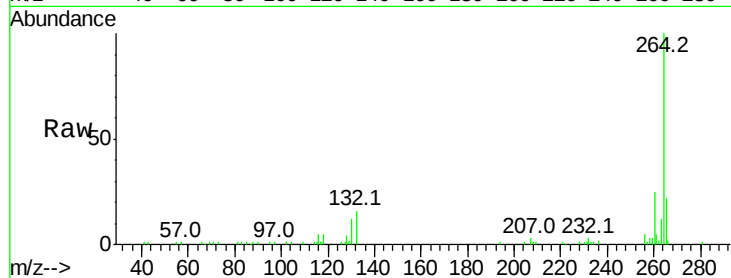




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:264 Resp: 83650
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.1 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

