

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106812.D
 Acq On : 26 Jun 2018 9:55
 Operator : JU/SJ
 Sample : J3596-02RE
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22RE

Quant Time: Jun 26 13:00:38 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	47853	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	167894	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	69877	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	134052	20.00	ng	0.00
75) Chrysene-d12	14.15	240	136444	20.00	ng	-0.02
86) Perylene-d12	15.69	264	92328	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	36622	12.96	ng	0.00
7) Phenol-d6	6.60	99	27076	7.67	ng	-0.02
23) Nitrobenzene-d5	7.52	82	60499	20.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	22894	28.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	121474	17.75	ng	-0.01
78) Terphenyl-d14	13.07	244	145926	25.91	ng	-0.01

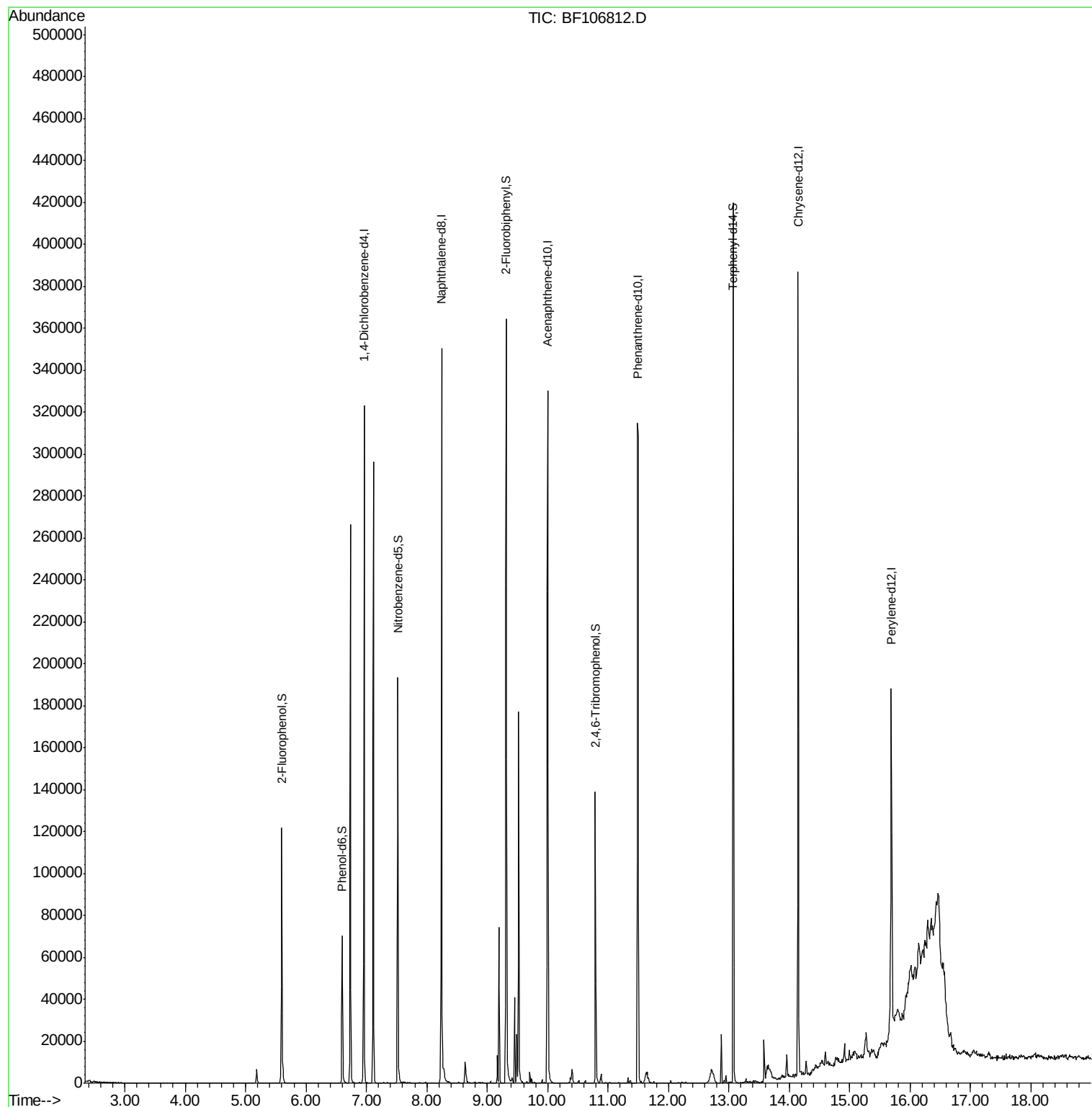
Target Compounds Qvalue

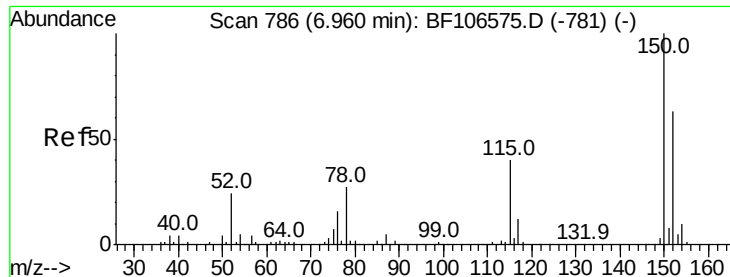
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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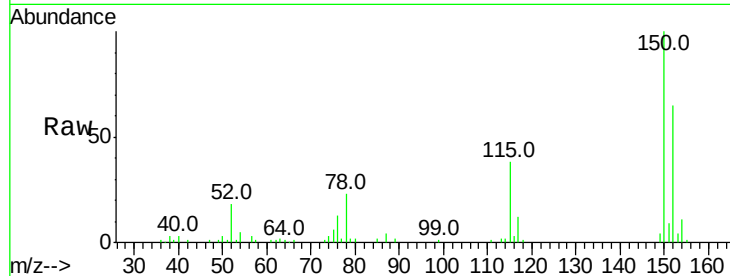


#1

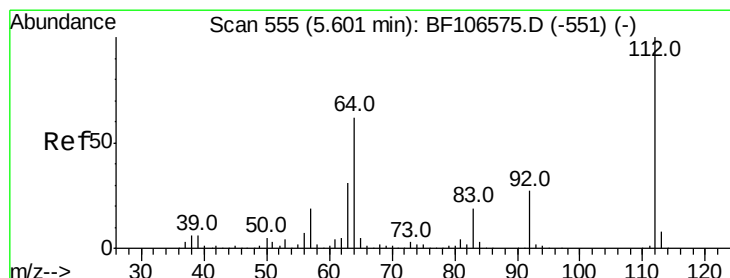
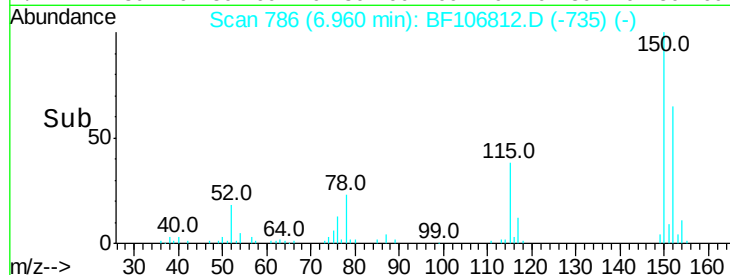
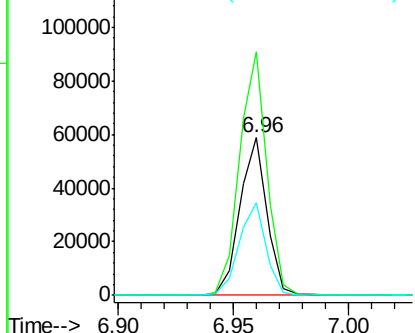
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106812.D
Acq: 26 Jun 2018 9:55

Instrument :
BNA_F
ClientSampleId :
MW-22RE

Tot Ion:152 Resp: 47853
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.6 50.1 75.1



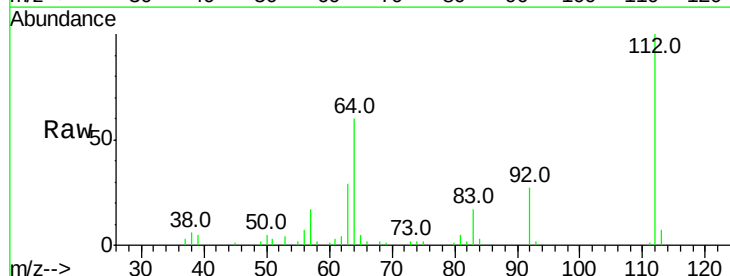
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



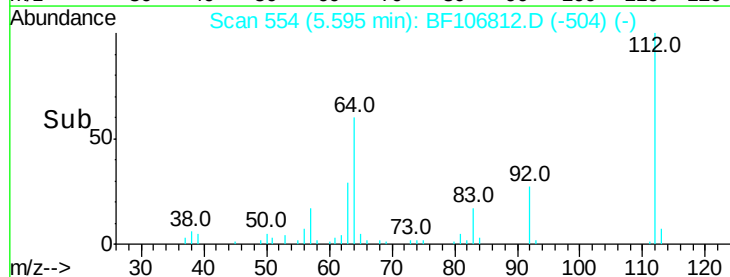
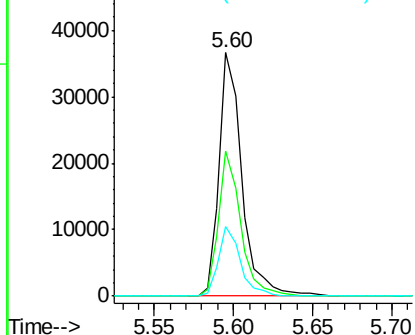
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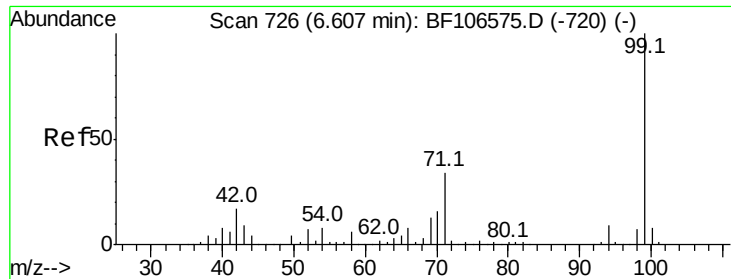
2-Fluorophenol
Concen: 12.959 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106812.D
Acq: 26 Jun 2018 9:55

Tgt Ion:112 Resp: 36622
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 28.7 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: 7.672 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106812.D

Acq: 26 Jun 2018 9:55

Instrument :

BNA_F

ClientSampleId :

MW-22RE

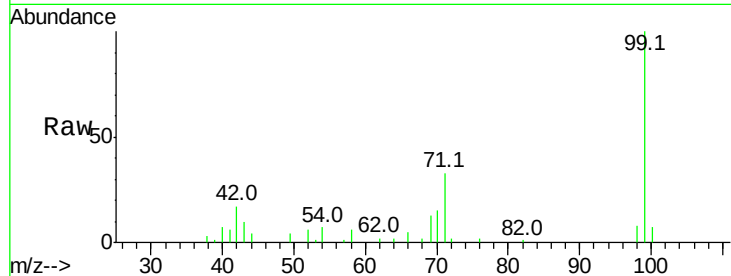
Tot Ion: 99 Resp: 27076

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

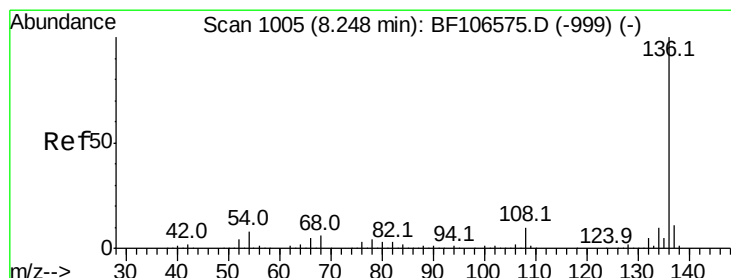
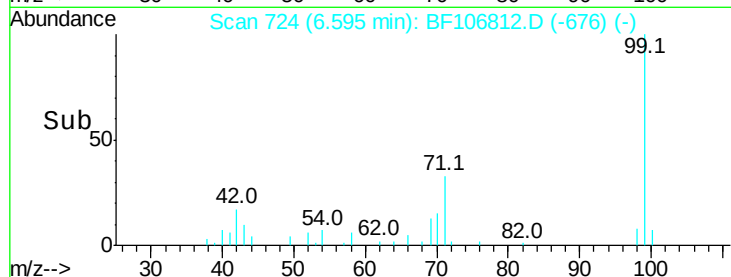
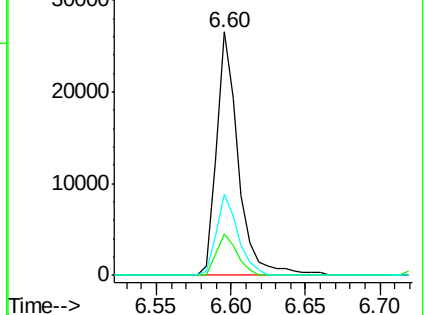
71 33.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106812.D

Acq: 26 Jun 2018 9:55

Tgt Ion: 136 Resp: 167894

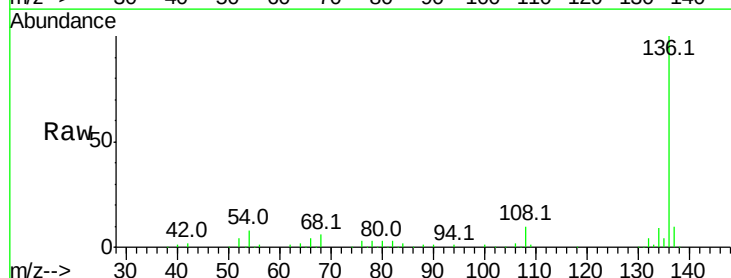
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.9 6.6 9.8

68 6.1 5.0 7.4

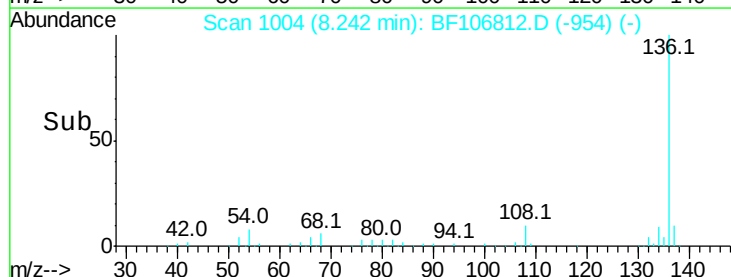
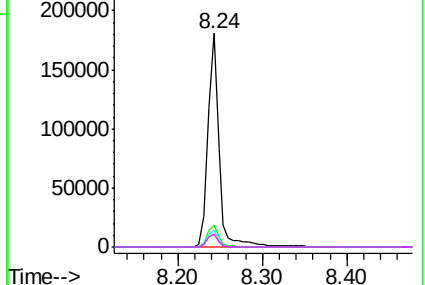


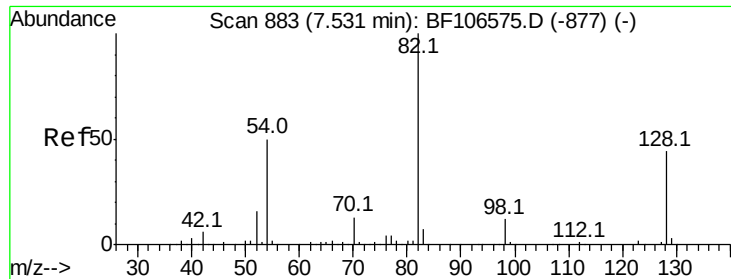
Abundance Ion 136.00 (135.70 to 136.70): E

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

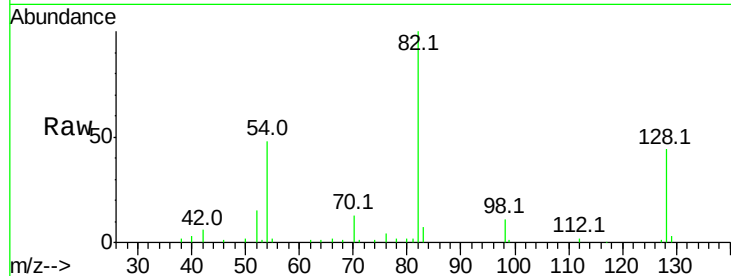




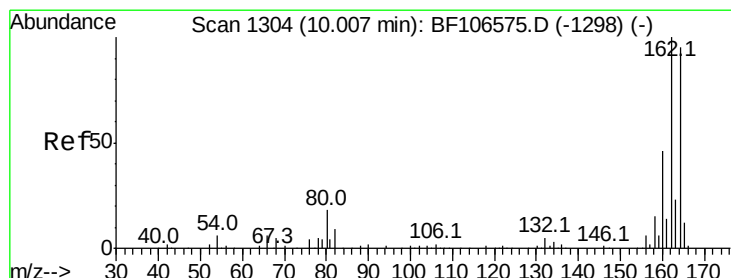
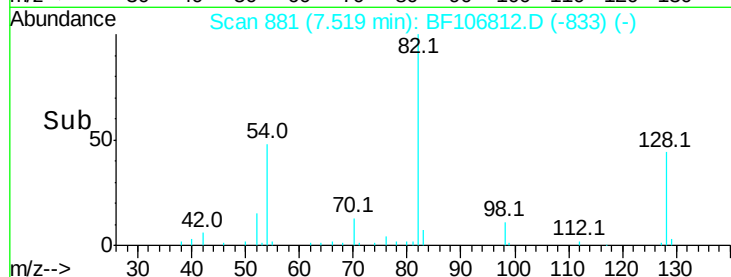
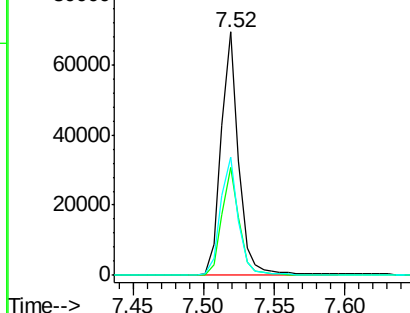
#23
Nitrobenzene-d5
Concen: 20.025 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106812.D
Acq: 26 Jun 2018 9:55

Instrument :
BNA_F
ClientSampleId :
MW-22RE

Tot Ion	82	Resp	60499
Ion Ratio	Lower	Upper	
82	100		
128	44.3	36.1	54.1
54	48.5	41.4	62.2

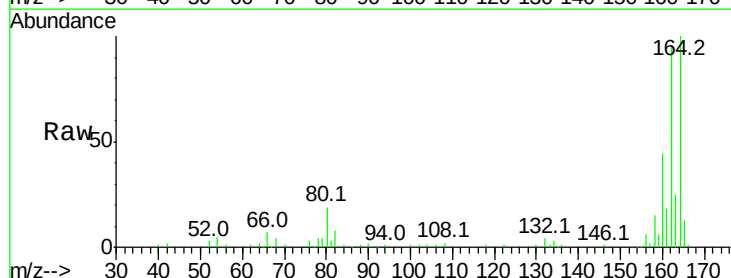


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

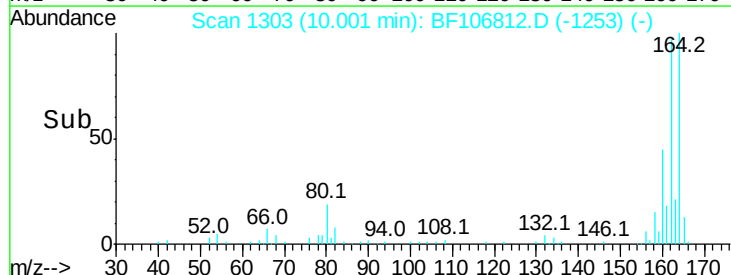
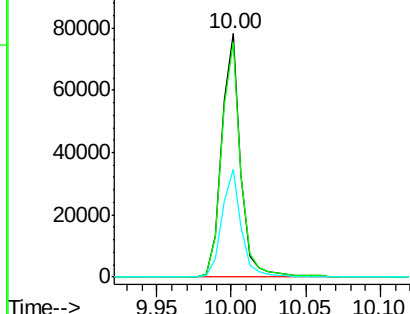


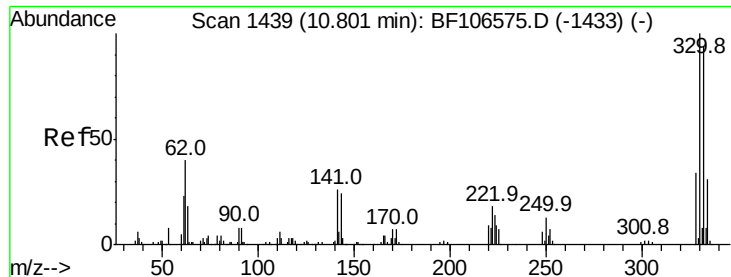
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106812.D
Acq: 26 Jun 2018 9:55

Tgt Ion	164	Resp	69877
Ion Ratio	Lower	Upper	
164	100		
162	96.1	86.1	129.1
160	44.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

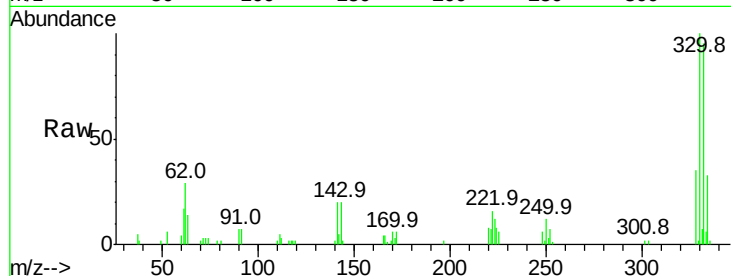




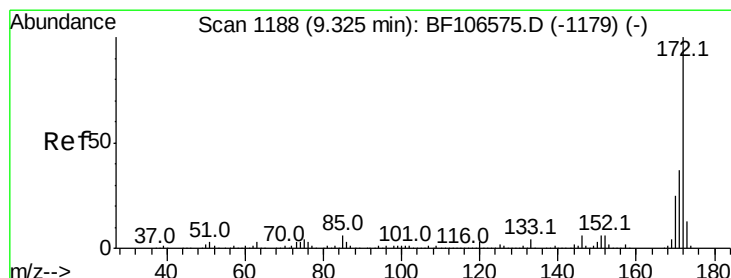
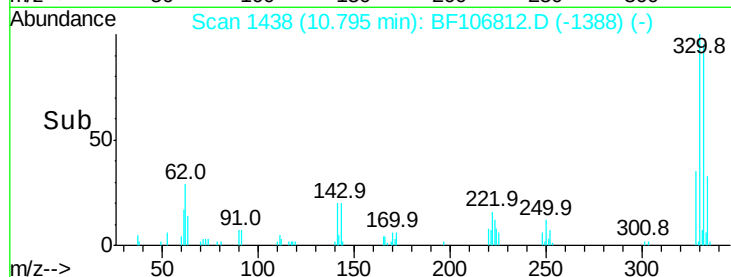
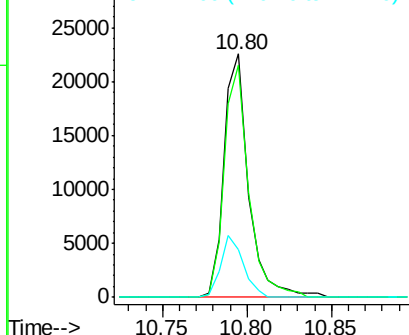
#41
 2,4,6-Tribromophenol
 Concen: 28.268 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106812.D
 Acq: 26 Jun 2018 9:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-22RE

Tot Ion:330 Resp: 22894
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 23.4 29.9 44.9#

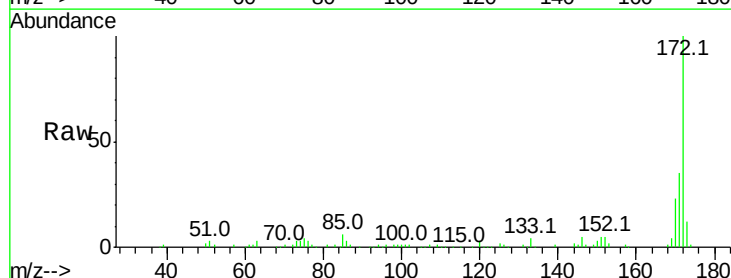


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

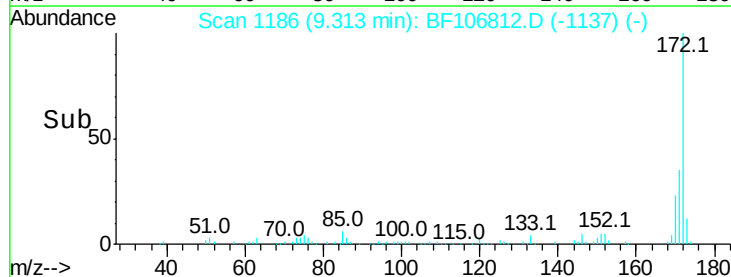
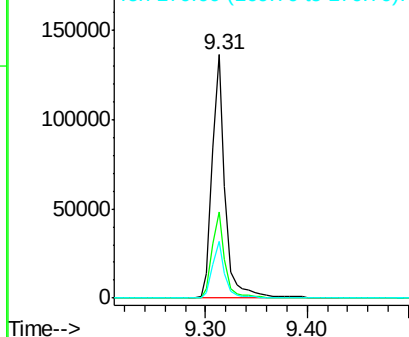


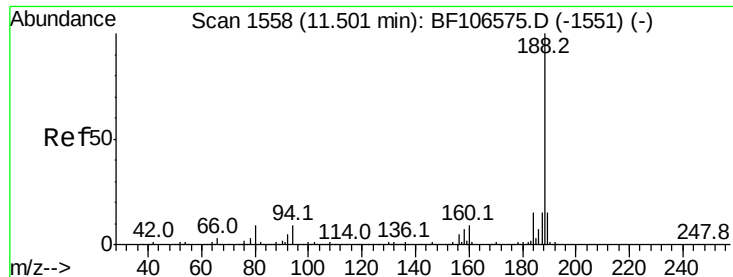
#44
 2-Fluorobiphenyl
 Concen: 17.755 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106812.D
 Acq: 26 Jun 2018 9:55

Tgt Ion:172 Resp: 121474
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.3 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

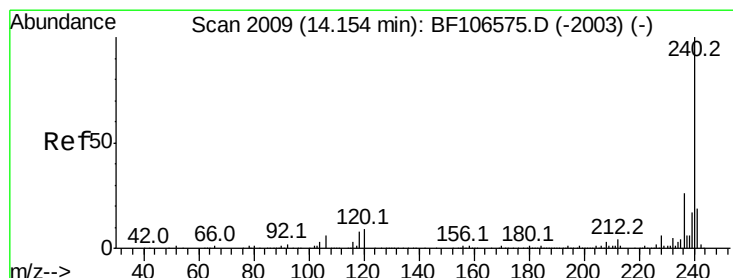
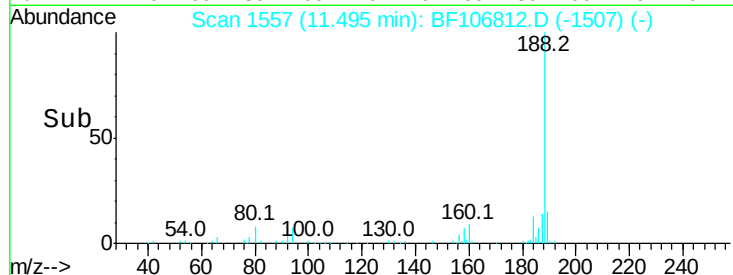
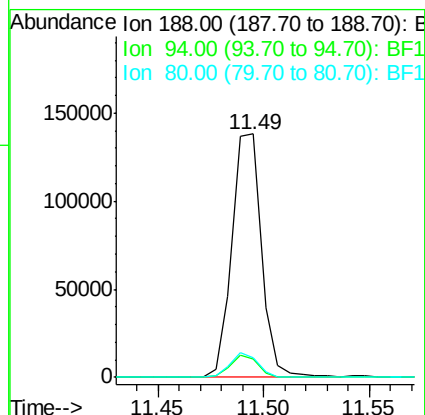
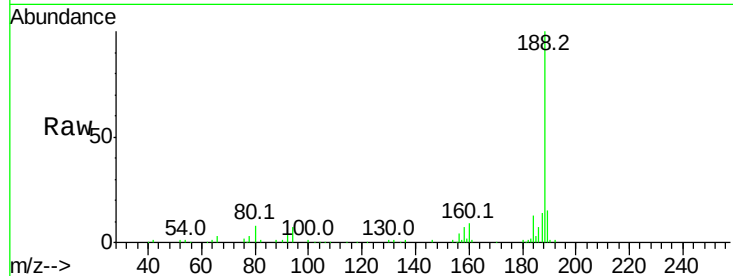




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106812.D
Acq: 26 Jun 2018 9:55

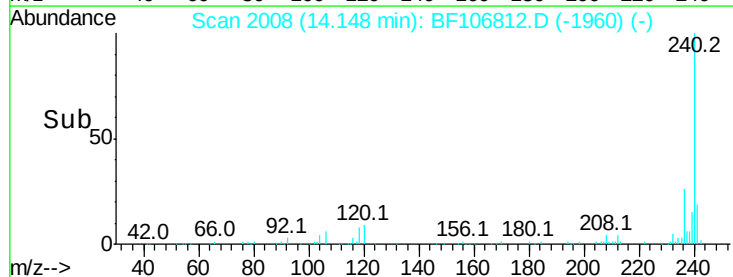
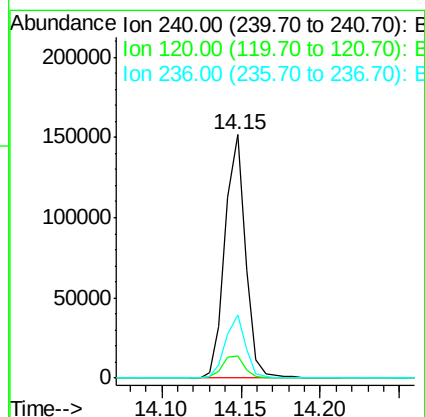
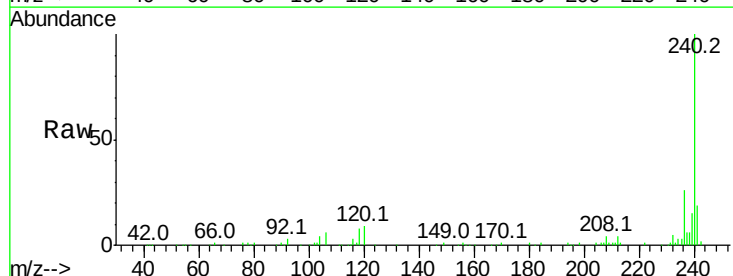
Instrument :
BNA_F
ClientSampleId :
MW-22RE

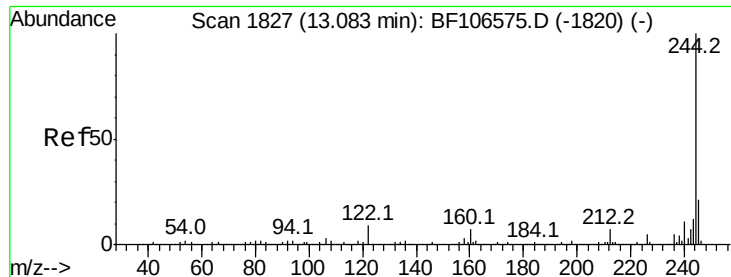
Tot Ion:188 Resp: 134052
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106812.D
Acq: 26 Jun 2018 9:55

Tgt Ion:240 Resp: 136444
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 25.906 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106812.D

Acq: 26 Jun 2018 9:55

Instrument :

BNA_F

ClientSampleId :

MW-22RE

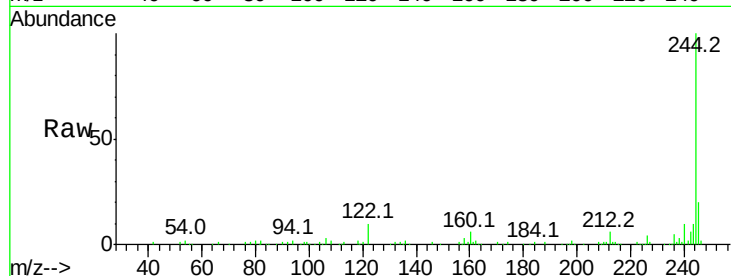
Tot Ion:244 Resp: 145926

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

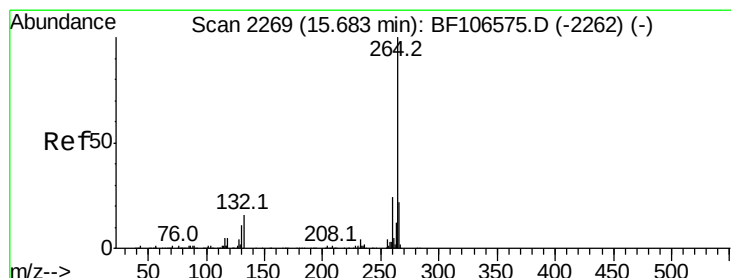
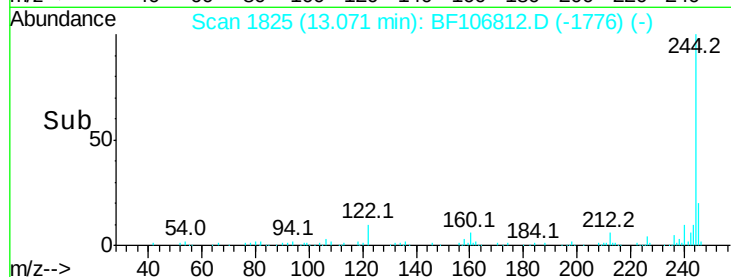
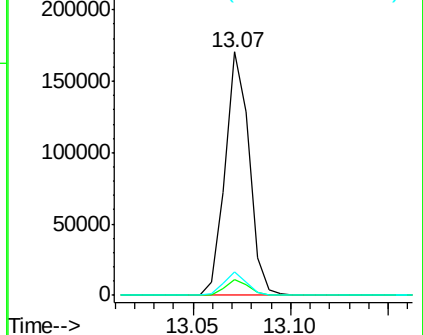
122 9.6 11.0 16.4#



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. -0.03 min

Lab File: BF106812.D

Acq: 26 Jun 2018 9:55

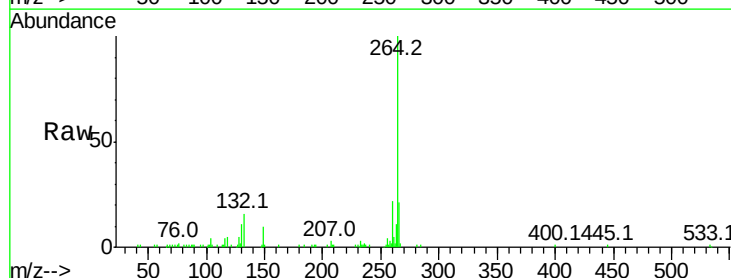
Tgt Ion:264 Resp: 92328

Ion Ratio Lower Upper

264 100

260 22.3 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

