

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106748.D
 Acq On : 23 Jun 2018 9:31
 Operator : JU/SJ
 Sample : J3595-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC02

Quant Time: Jun 25 03:35:27 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 22 11:34:03 2018
 Response via : Initial Calibration

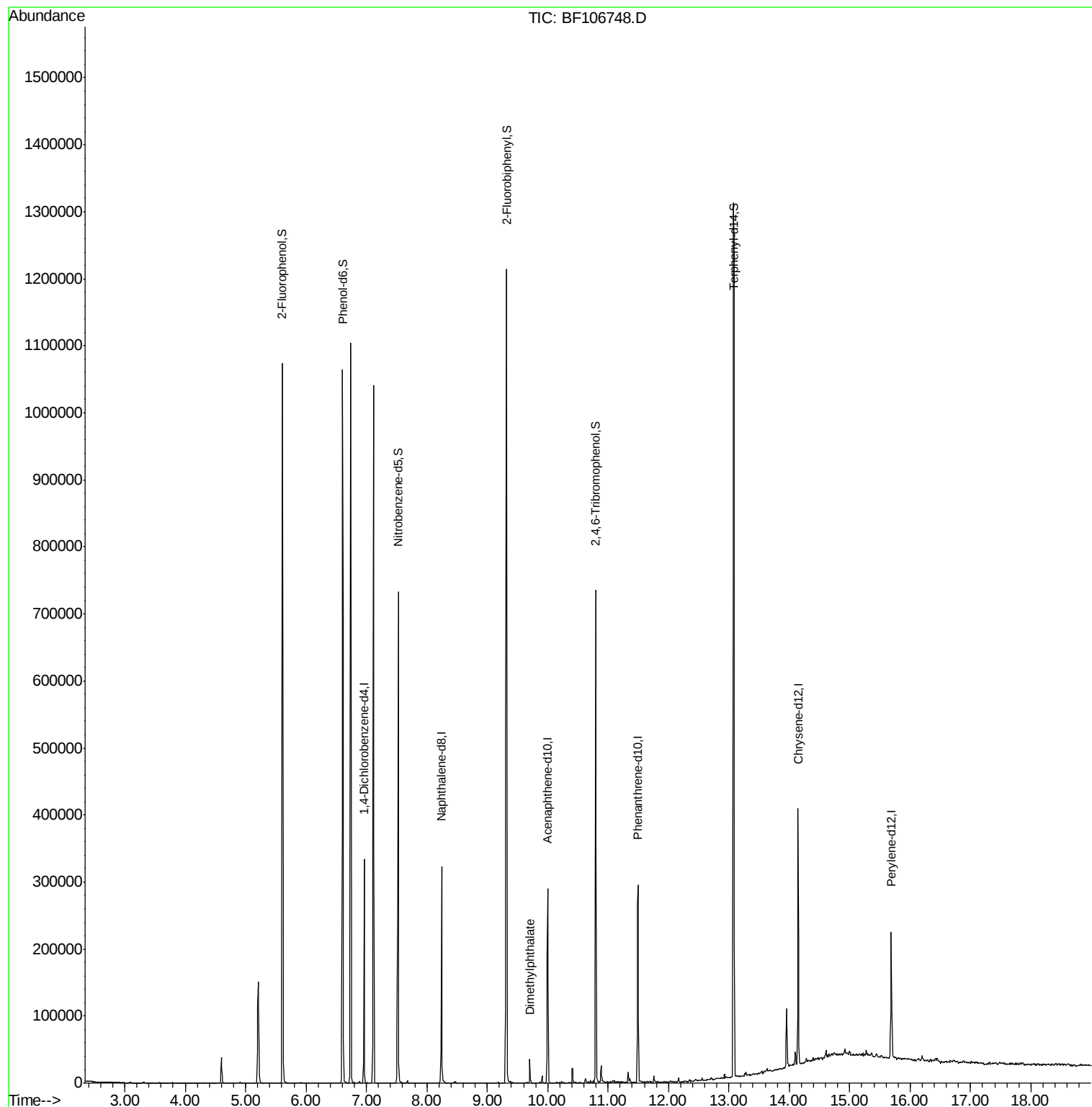
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44977	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	146129	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	60462	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	117874	20.00	ng	0.00
75) Chrysene-d12	14.15	240	131954	20.00	ng	0.00
86) Perylene-d12	15.69	264	96193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	333292	125.48	ng	0.01
7) Phenol-d6	6.61	99	407221	122.77	ng	0.00
23) Nitrobenzene-d5	7.52	82	258757	98.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	101678	145.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	429697	127.70	ng	0.00
78) Terphenyl-d14	13.08	244	530584	97.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	15985	3.525	ng	99

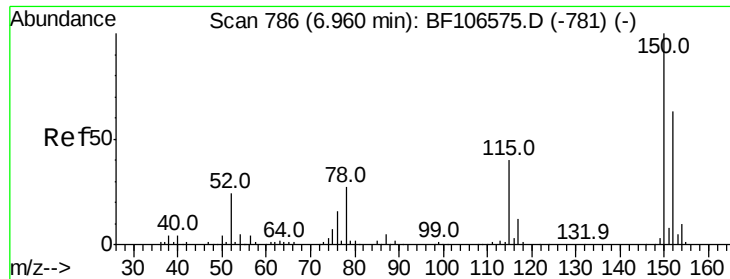
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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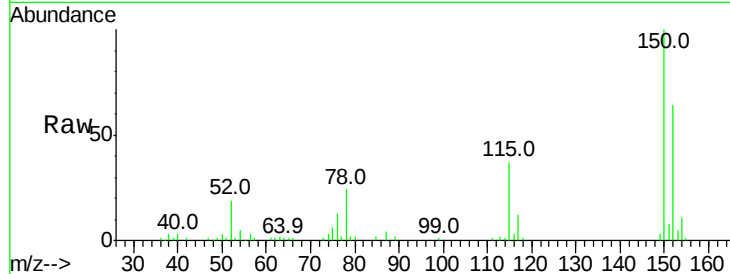


#1

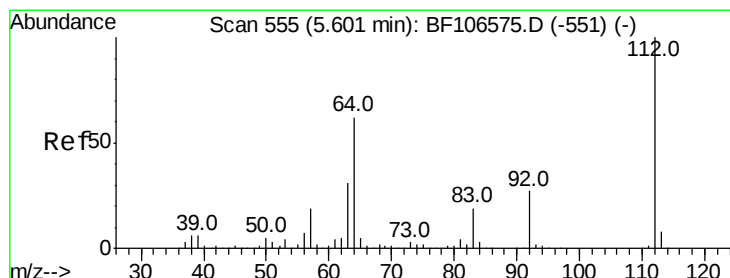
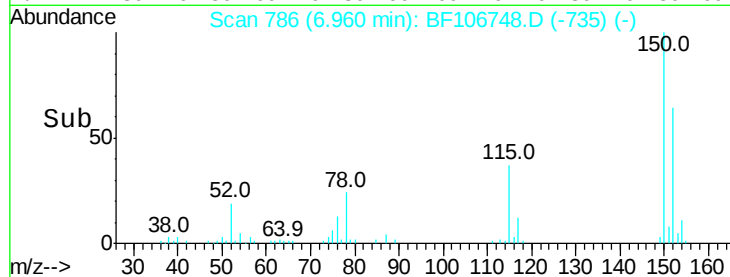
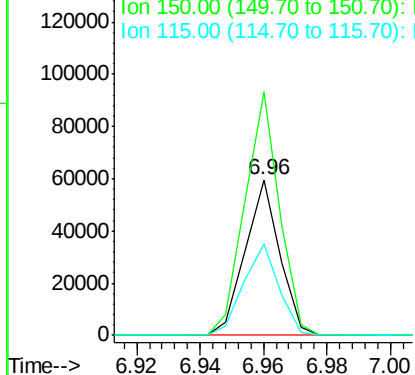
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Instrument :
BNA_F
ClientSampleId :
CONC02

Tot Ion:152 Resp: 44977
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.3 50.1 75.1



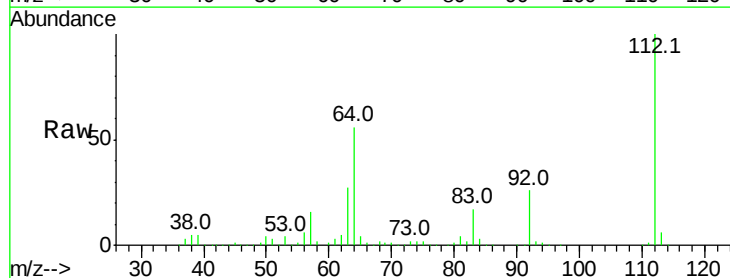
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



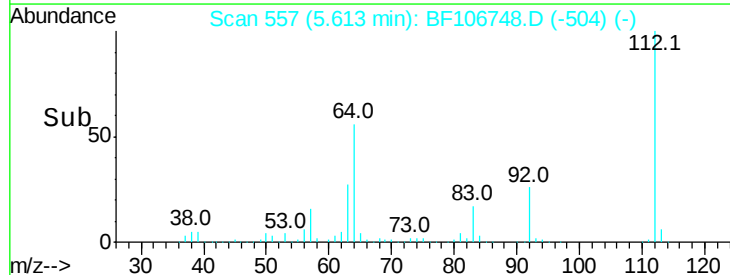
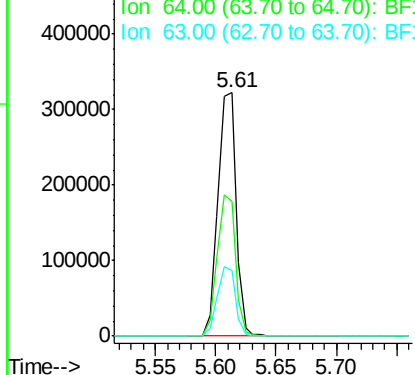
#5

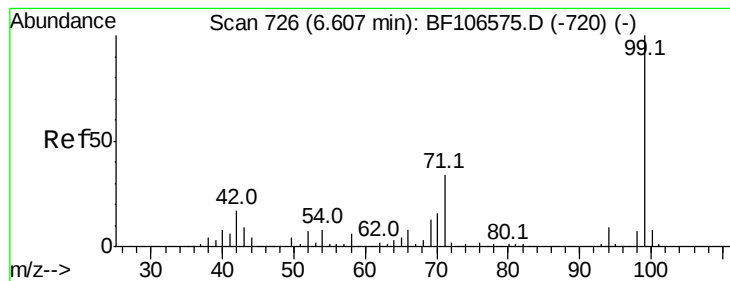
2-Fluorophenol
Concen: 125.480 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Tgt Ion:112 Resp: 333292
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.0 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: 122.767 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Instrument :

BNA_F

ClientSampled :

CONC02

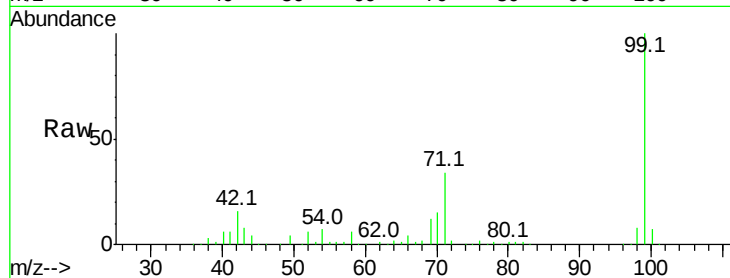
Tot Ion: 99 Resp: 407221

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

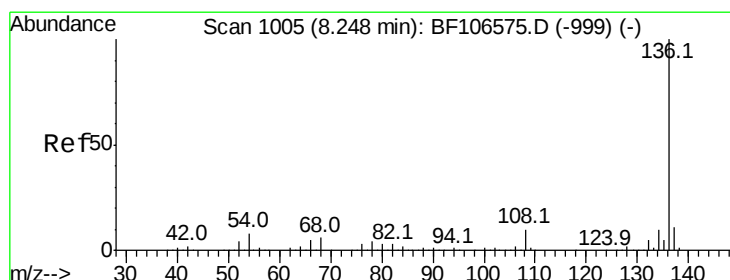
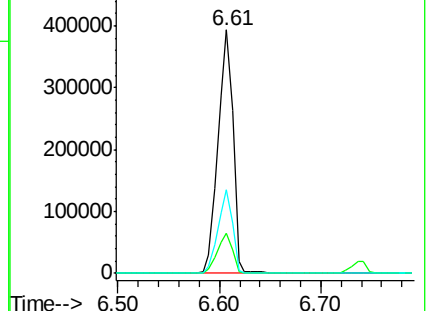
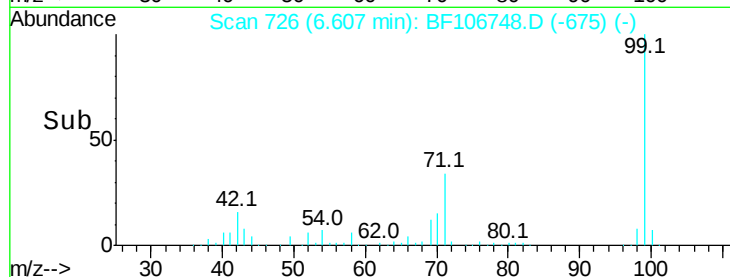
71 34.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Tgt Ion: 136 Resp: 146129

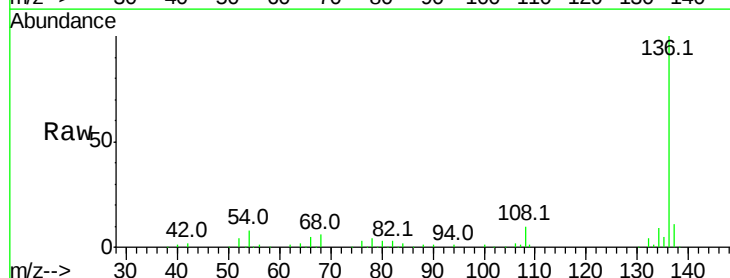
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.0 6.6 9.8

68 6.4 5.0 7.4

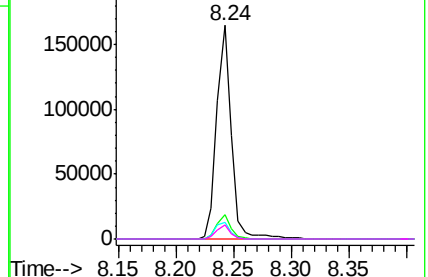
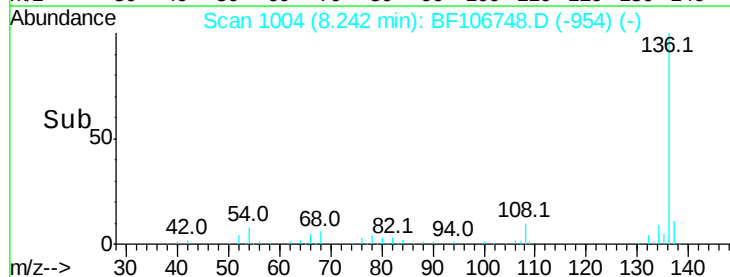


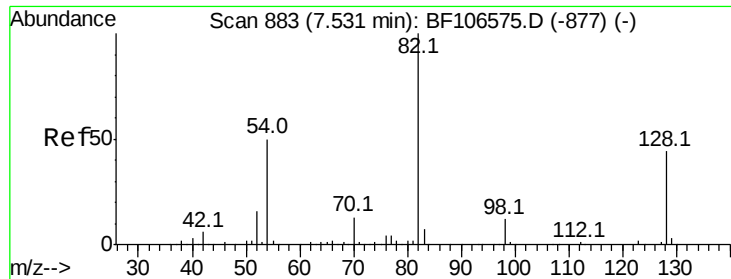
Abundance Ion 136.00 (135.70 to 136.70): E

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

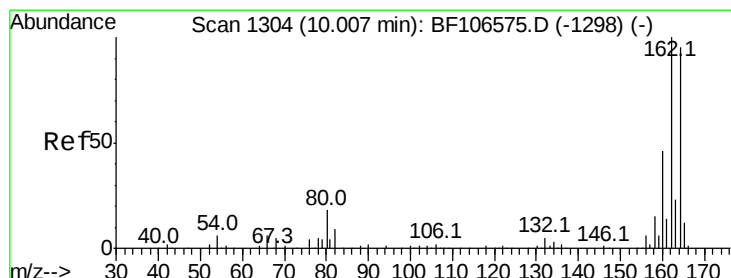
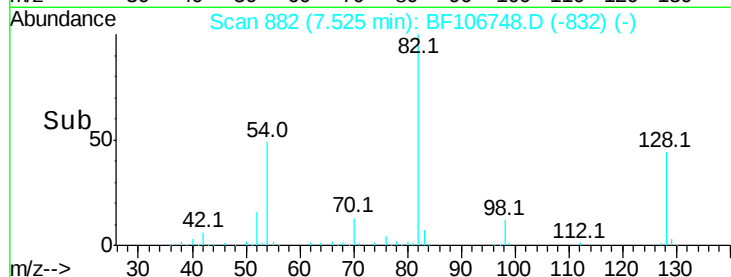
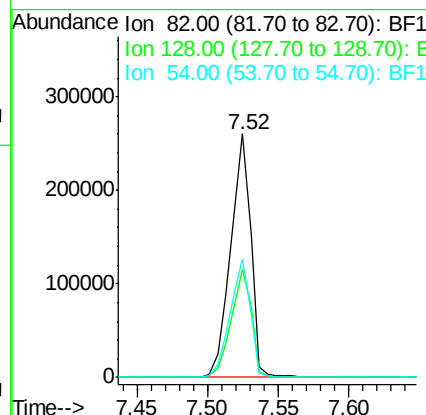
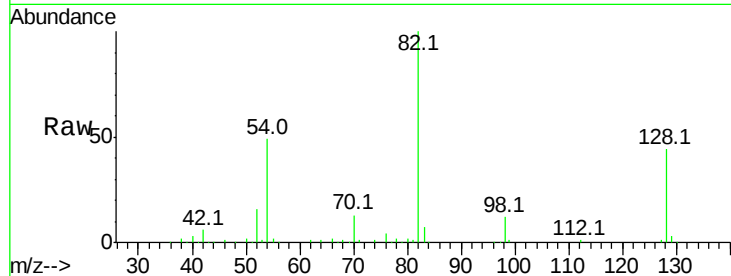




#23
 Nitrobenzene-d5
 Concen: 98.406 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

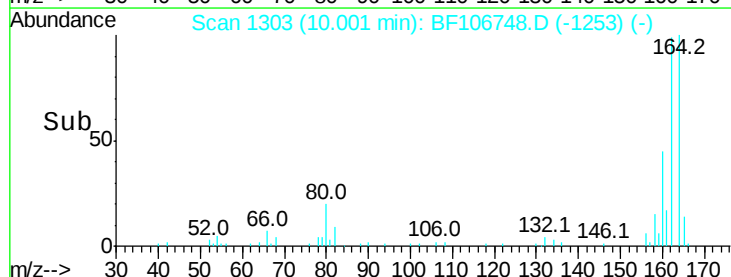
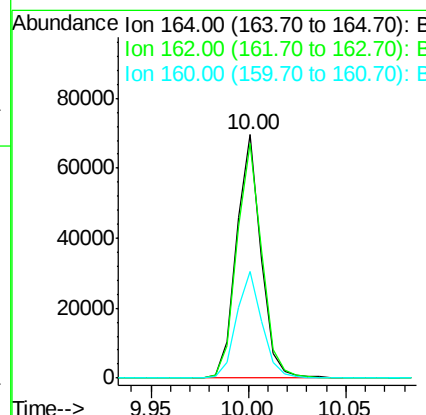
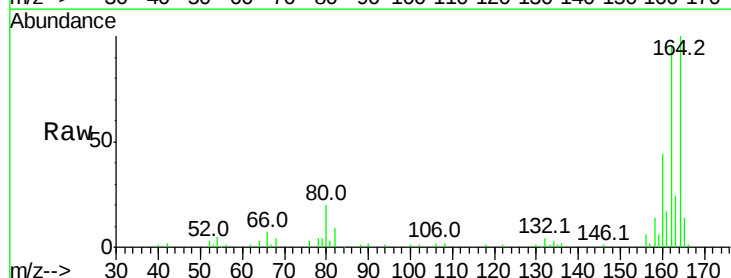
Instrument :
 BNA_F
 ClientSampleId :
 CONC02

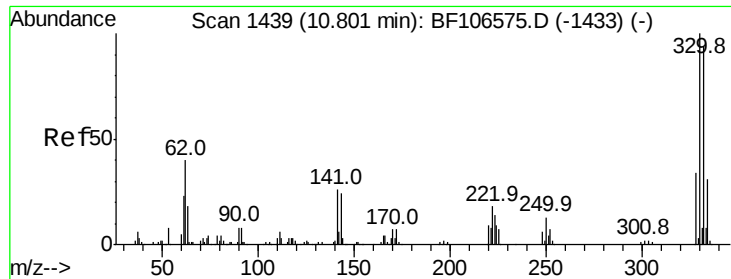
Tot Ion	82	Resp	258757
Ion Ratio	Lower	Upper	
82	100		
128	44.3	36.1	54.1
54	48.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Tgt Ion	164	Resp	60462
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	43.8	38.3	57.5

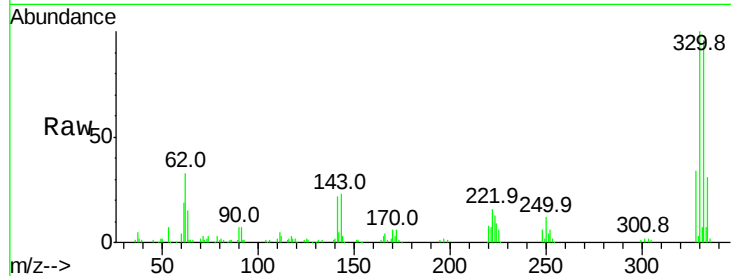




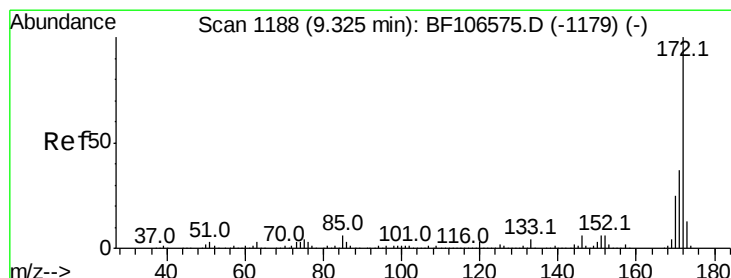
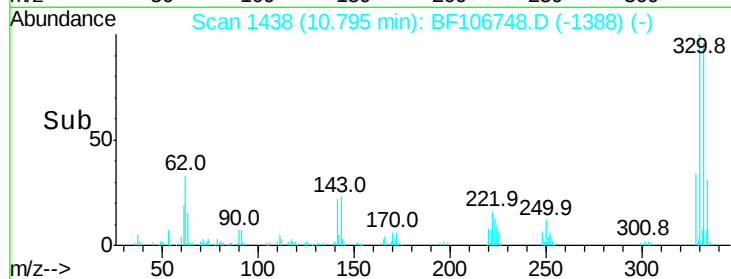
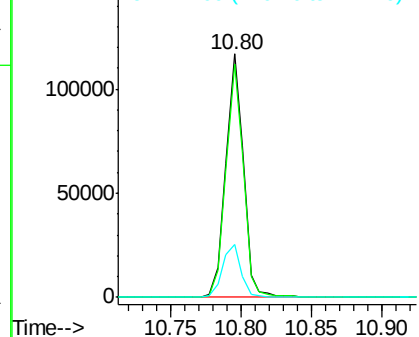
#41
 2,4,6-Tribromophenol
 Concen: 145.094 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Instrument :
 BNA_F
 ClientSampleId :
 CONC02

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.0	29.9	44.9#

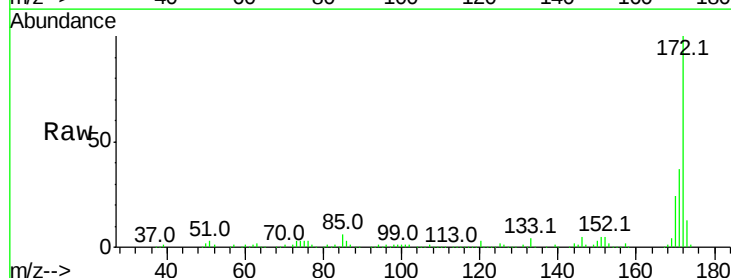


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

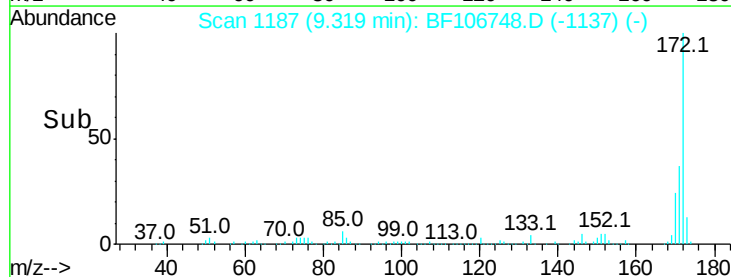
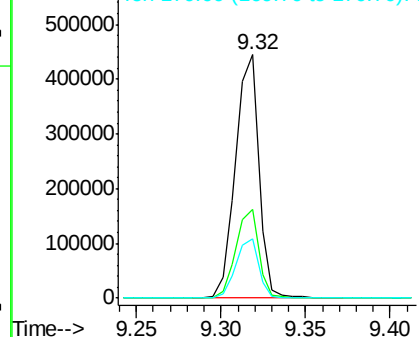


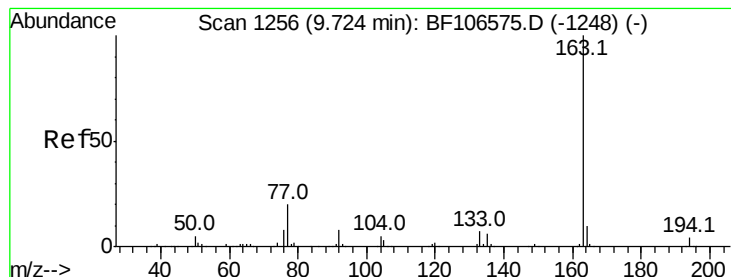
#44
 2-Fluorobiphenyl
 Concen: 127.704 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106748.D
 Acq: 23 Jun 2018 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	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: 3.525 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Instrument :

BNA_F

ClientSampleId :

CONC02

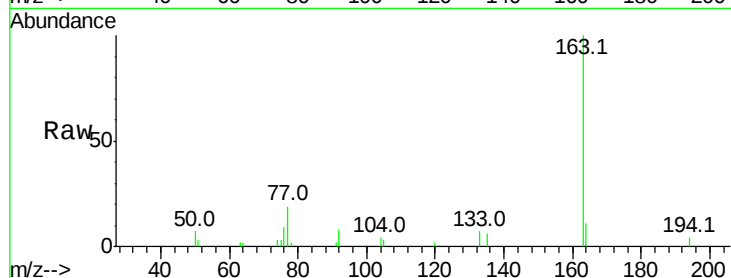
Tot Ion:163 Resp: 15985

Ion Ratio Lower Upper

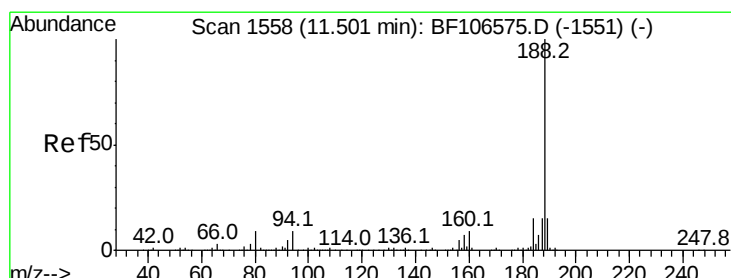
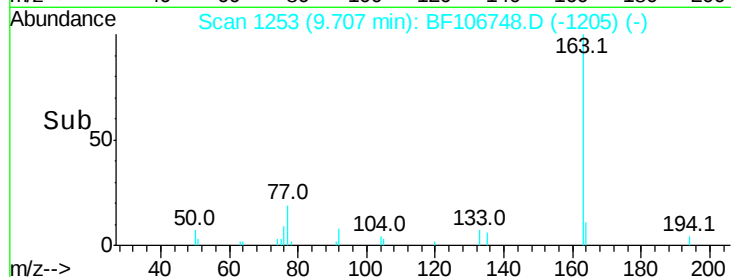
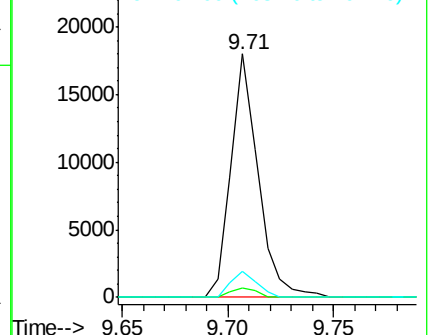
163 100

194 3.7 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

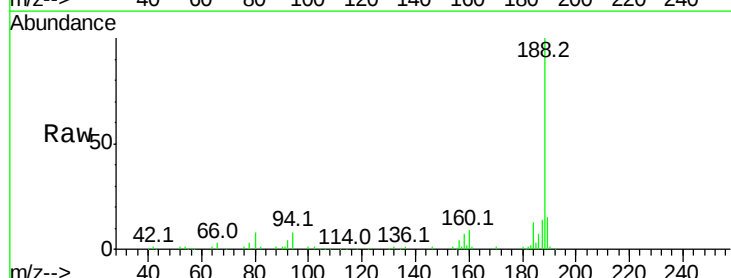
Tgt Ion:188 Resp: 117874

Ion Ratio Lower Upper

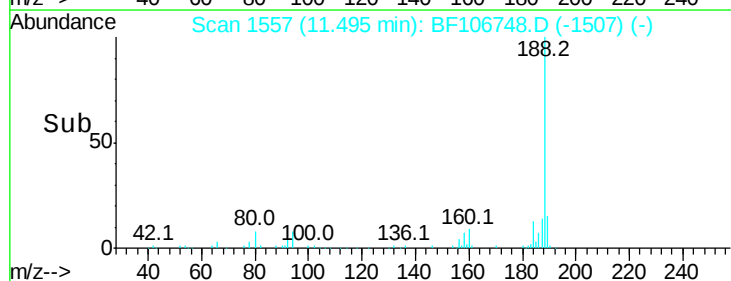
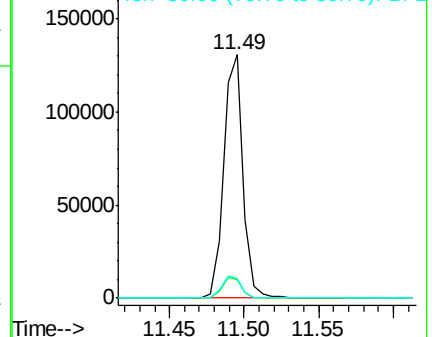
188 100

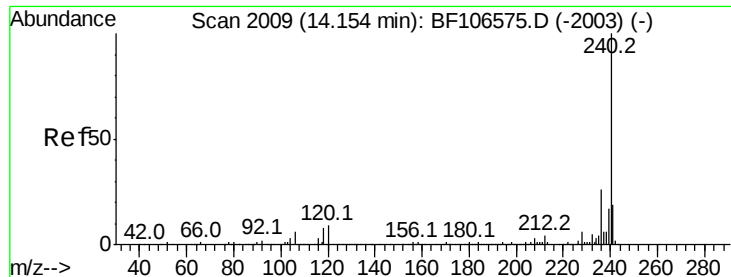
94 7.8 8.5 12.7#

80 8.2 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

Instrument :

BNA_F

ClientSampleId :

CONC02

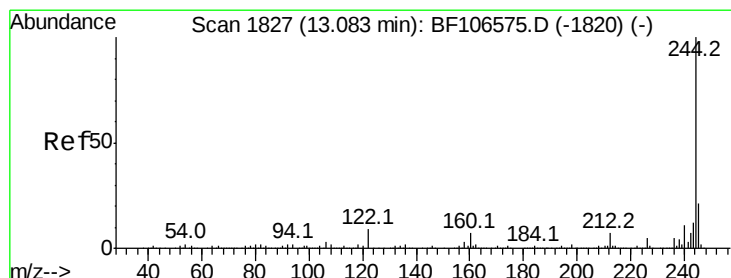
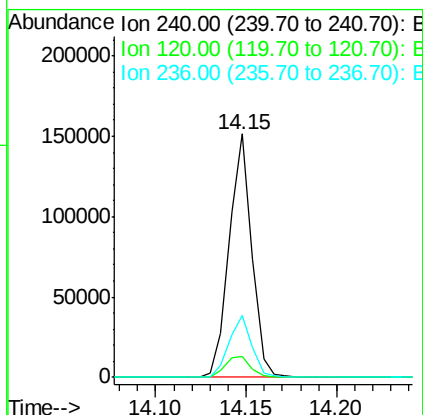
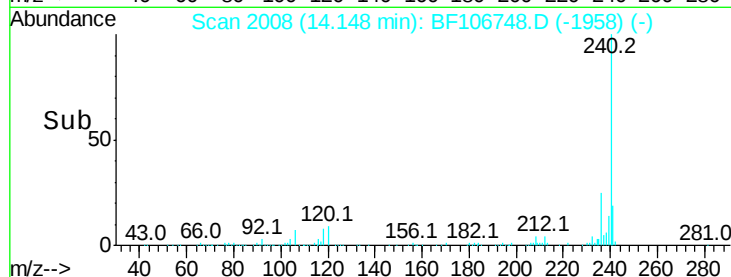
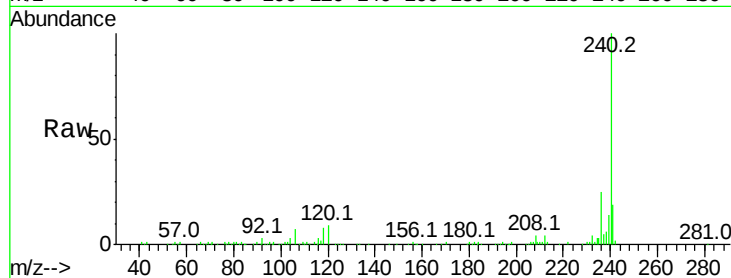
Tot Ion:240 Resp: 131954

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

236 25.5 20.7 31.1



#78

Terphenyl-d14

Concen: 97.400 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106748.D

Acq: 23 Jun 2018 9:31

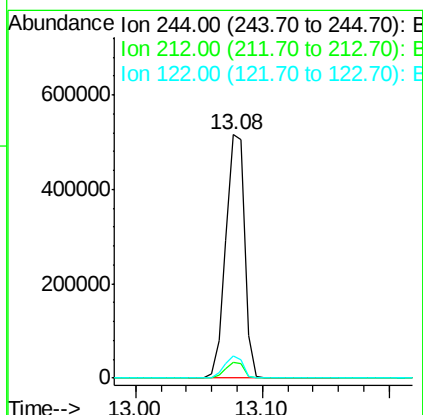
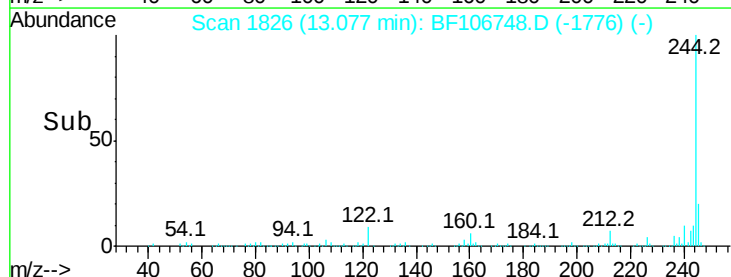
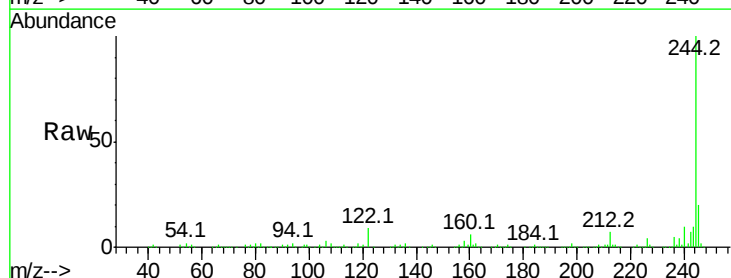
Tgt Ion:244 Resp: 530584

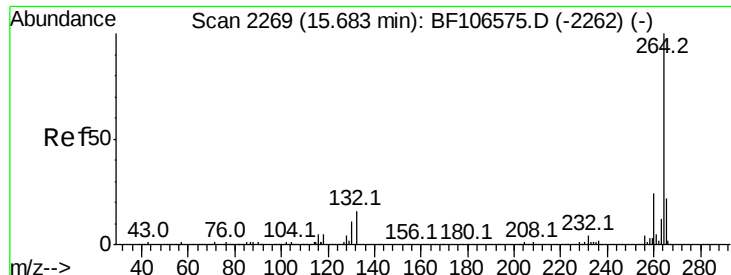
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.1 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF106748.D
Acq: 23 Jun 2018 9:31

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

