

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106745.D
 Acq On : 23 Jun 2018 8:12
 Operator : JU/SJ
 Sample : J3597-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Quant Time: Jun 25 03:22:46 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

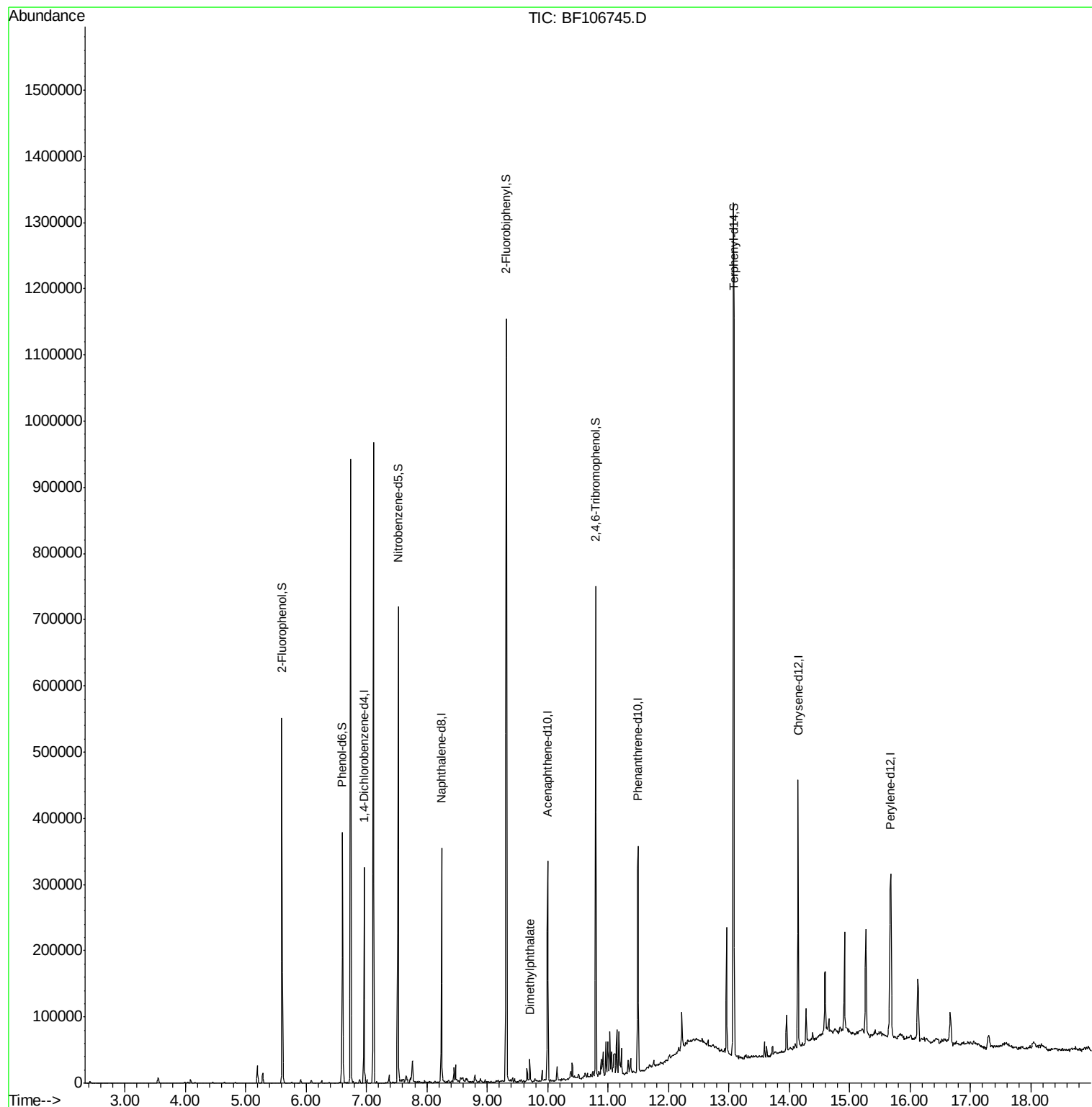
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44314	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	148033	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	63300	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	128100	20.00	ng	0.00
75) Chrysene-d12	14.14	240	139173	20.00	ng	-0.01
86) Perylene-d12	15.68	264	99556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	158311	60.49	ng	0.00
7) Phenol-d6	6.60	99	119084	36.44	ng	0.00
23) Nitrobenzene-d5	7.52	82	238551	89.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	100664	137.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	399590	111.44	ng	0.00
78) Terphenyl-d14	13.08	244	498002	86.68	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	12730	2.681	ng	98

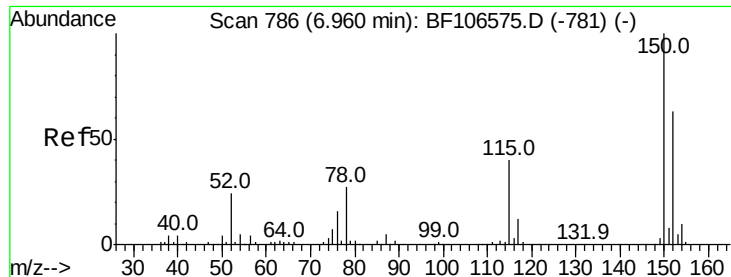
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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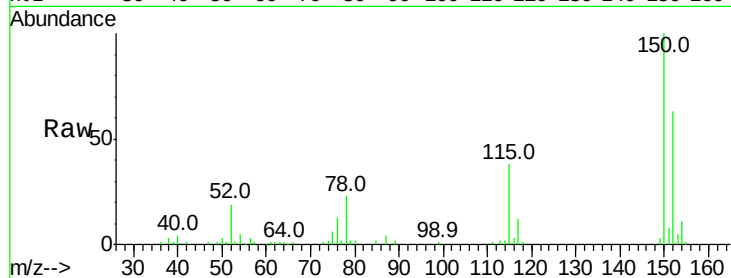


#1

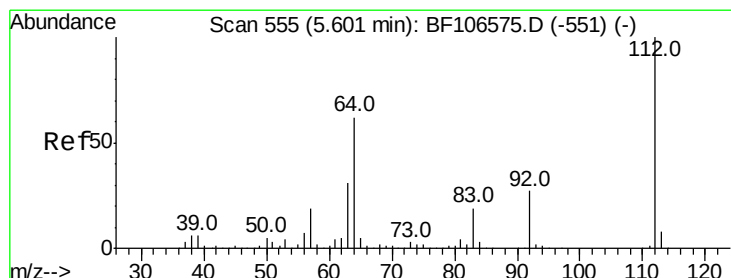
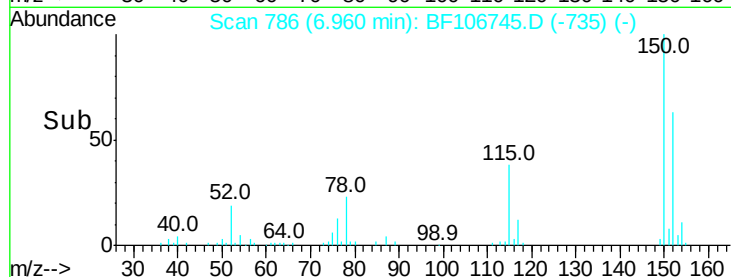
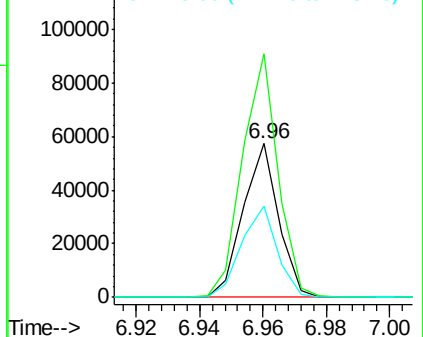
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
W-22

Tot Ion:152 Resp: 44314
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.4 50.1 75.1



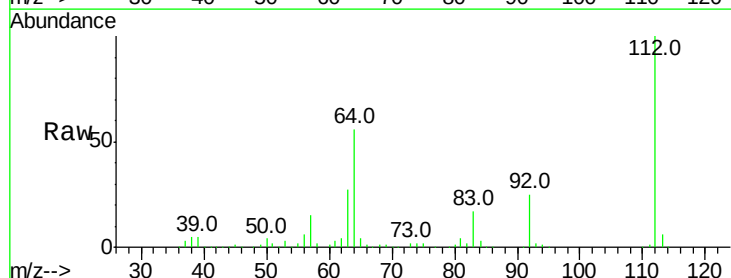
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



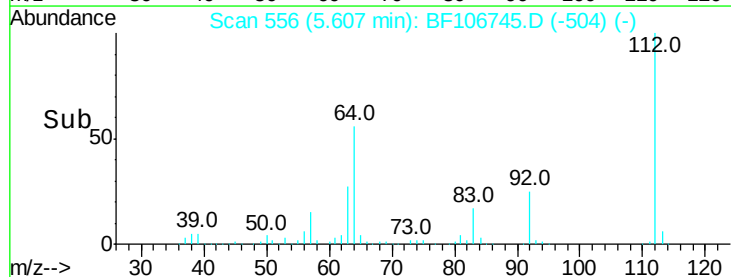
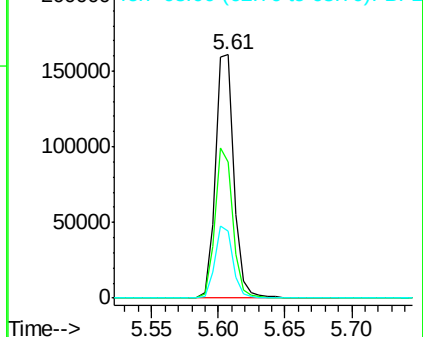
#5

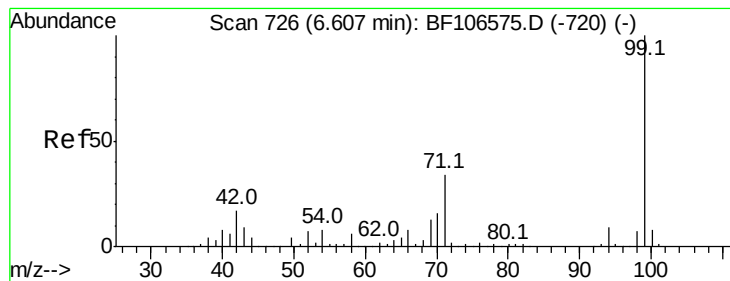
2-Fluorophenol
Concen: 60.493 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Tgt Ion:112 Resp: 158311
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.5 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: 36.438 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106745.D

Acq: 23 Jun 2018 8:12

Instrument :

BNA_F

ClientSampleId :

W-22

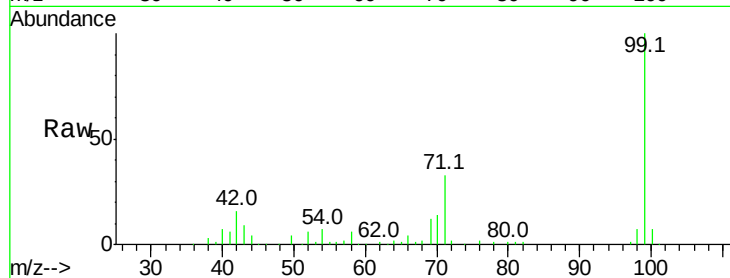
Tot Ion: 99 Resp: 119084

Ion Ratio Lower Upper

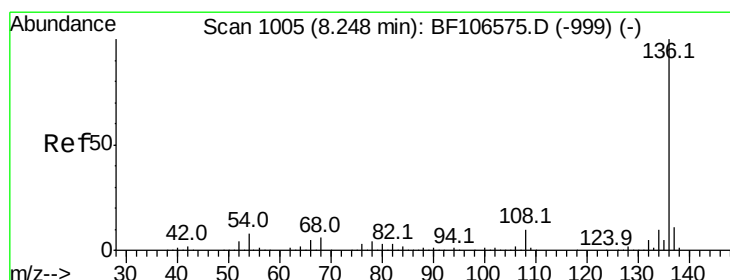
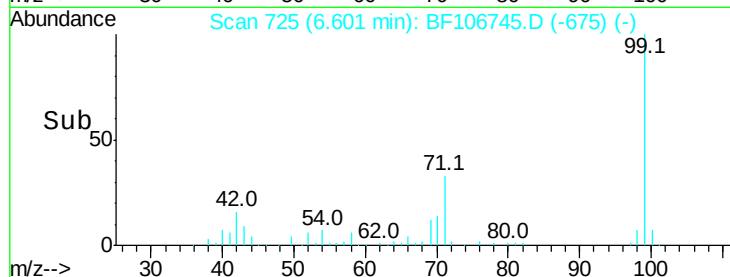
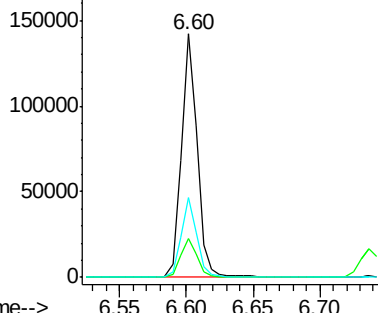
99 100

42 16.2 14.5 21.7

71 32.9 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: BF106745.D

Acq: 23 Jun 2018 8:12

Tgt Ion: 136 Resp: 148033

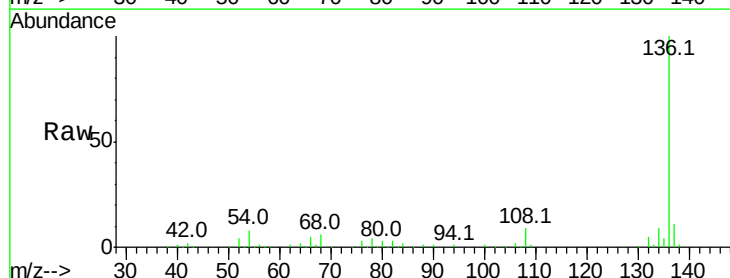
Ion Ratio Lower Upper

136 100

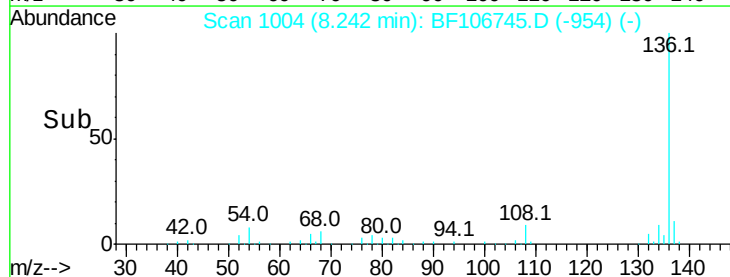
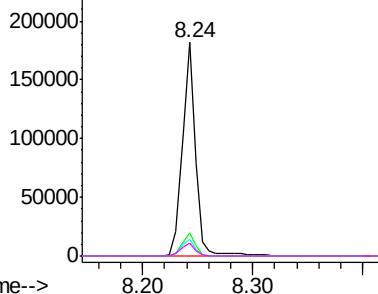
137 10.7 8.9 13.3

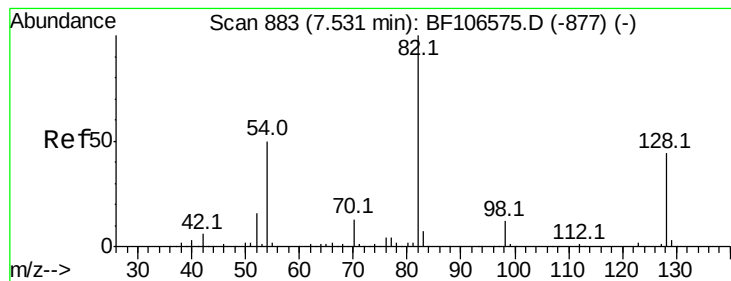
54 7.5 6.6 9.8

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: 89.555 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106745.D

Acq: 23 Jun 2018 8:12

Instrument :

BNA_F

ClientSampleId :

W-22

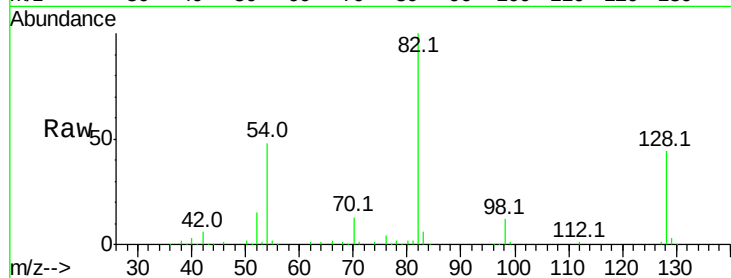
Tot Ion: 82 Resp: 238551

Ion Ratio Lower Upper

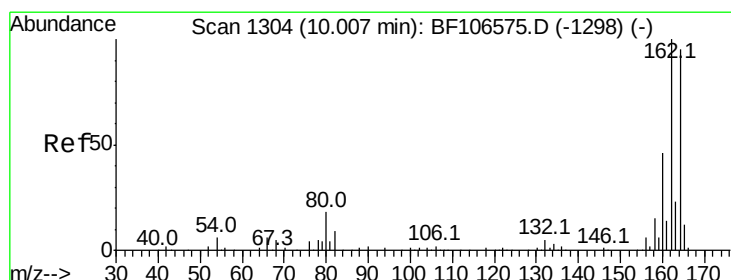
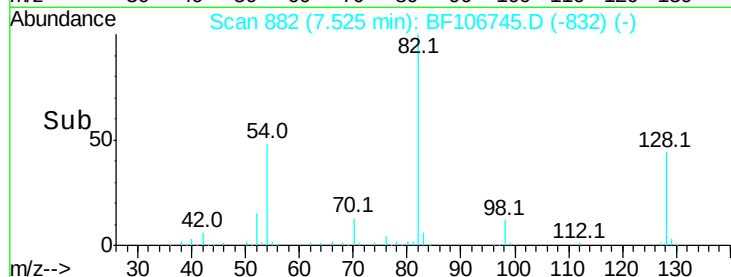
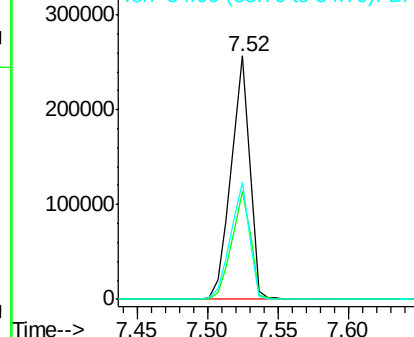
82 100

128 44.2 36.1 54.1

54 48.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
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: BF106745.D

Acq: 23 Jun 2018 8:12

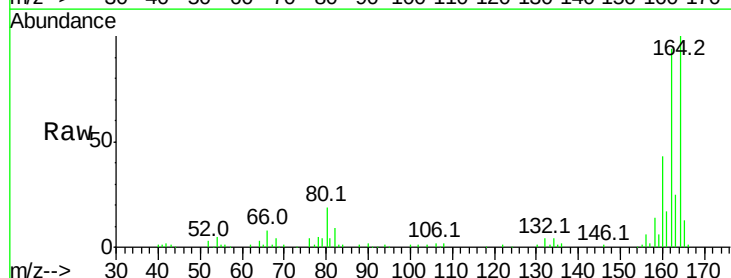
Tgt Ion:164 Resp: 63300

Ion Ratio Lower Upper

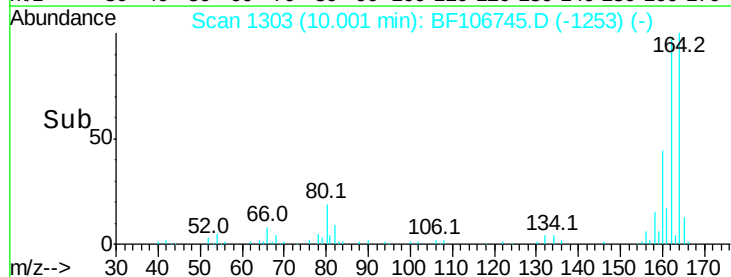
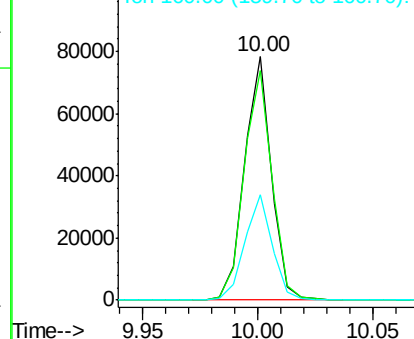
164 100

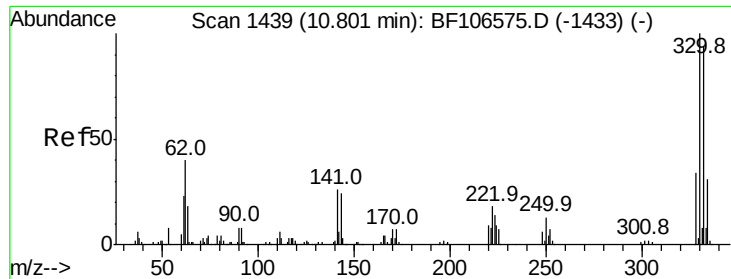
162 94.4 86.1 129.1

160 43.2 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

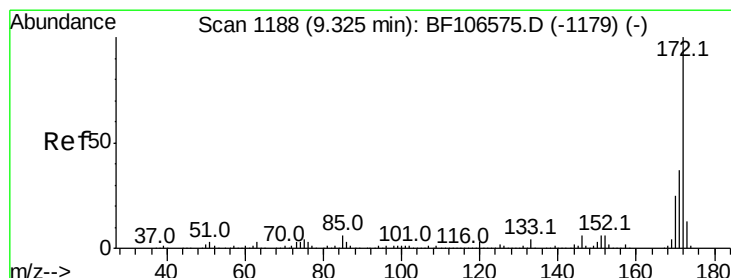
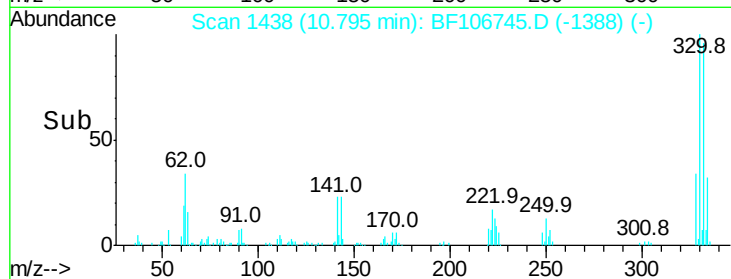
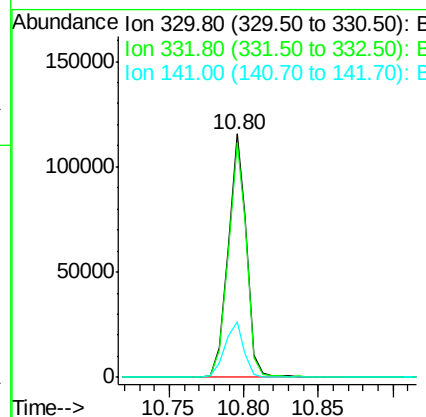
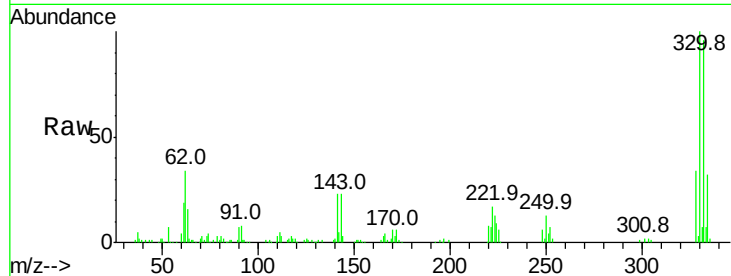




#41
 2,4,6-Tribromophenol
 Concen: 137.207 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106745.D
 Acq: 23 Jun 2018 8:12

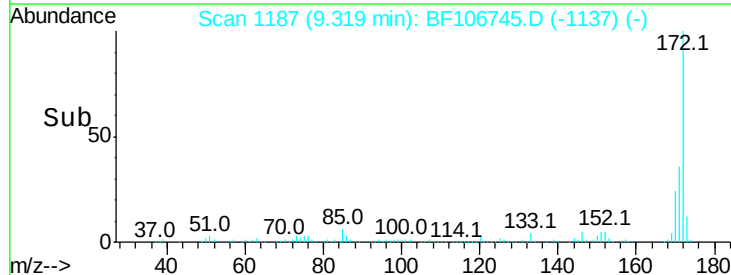
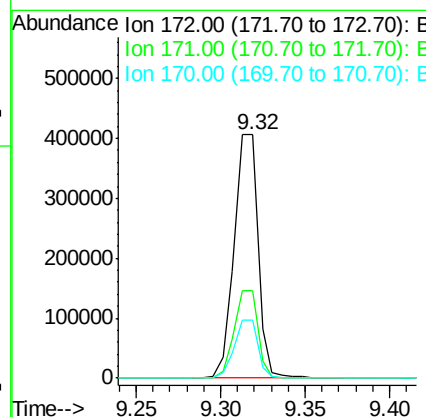
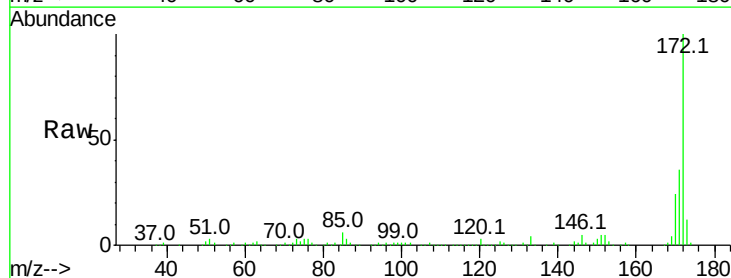
Instrument :
 BNA_F
 ClientSampleId :
 W-22

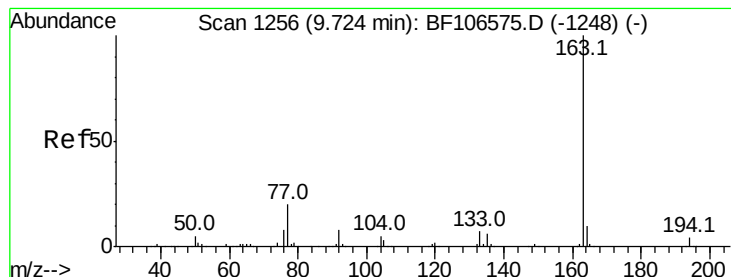
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	23.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 111.437 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106745.D
 Acq: 23 Jun 2018 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.9	19.6	29.4





#49

Dimethylphthalate

Concen: 2.681 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106745.D

Acq: 23 Jun 2018 8:12

Instrument :

BNA_F

ClientSampleId :

W-22

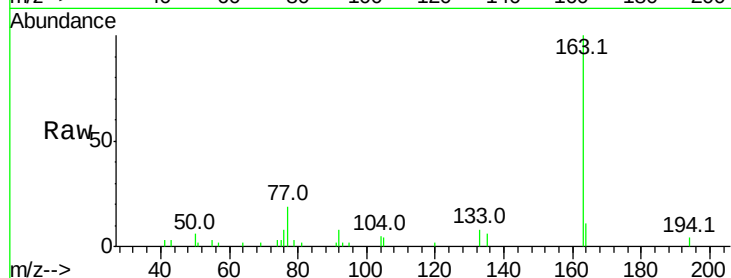
Tot Ion:163 Resp: 12730

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

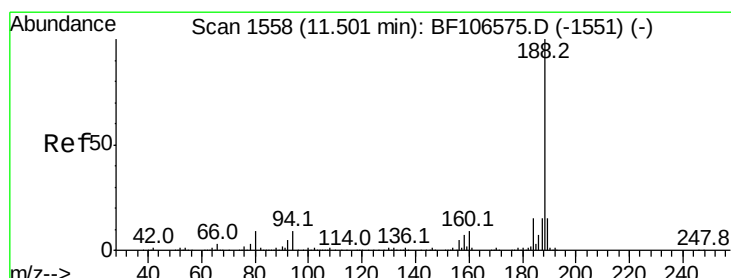
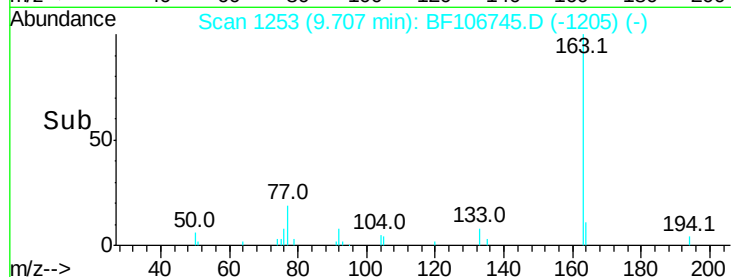
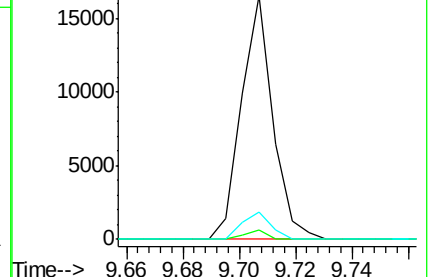
164 11.0 8.2 12.2



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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106745.D

Acq: 23 Jun 2018 8:12

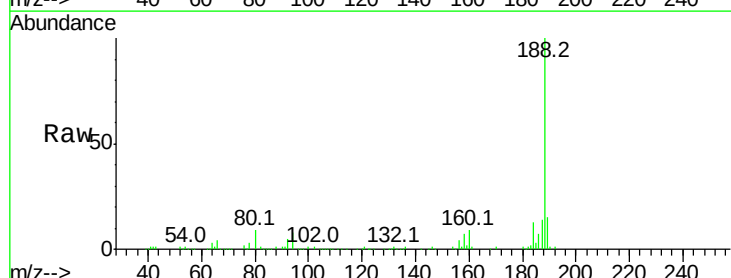
Tgt Ion:188 Resp: 128100

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

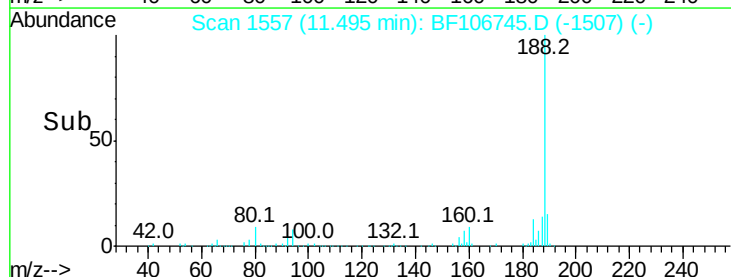
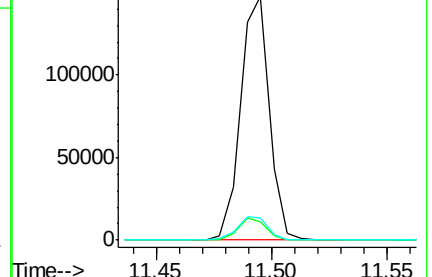
80 9.0 9.2 13.8#

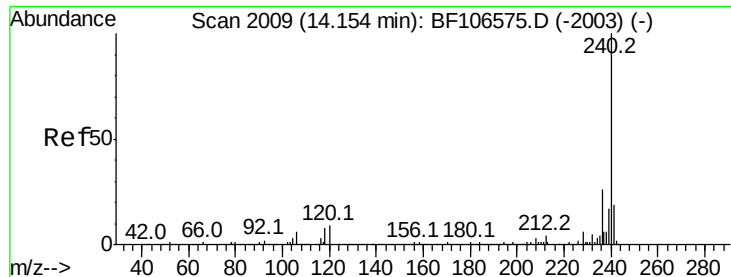


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BF106745.D

Acq: 23 Jun 2018 8:12

Instrument :

BNA_F

ClientSampleId :

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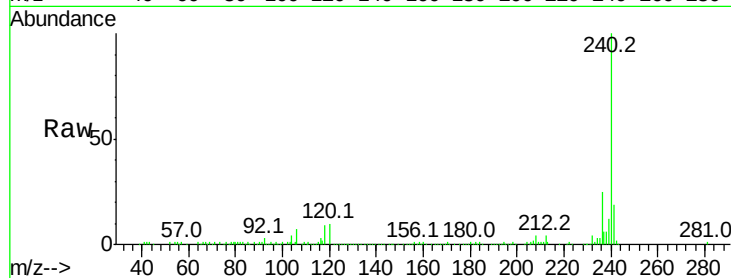
Tot Ion:240 Resp: 139173

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

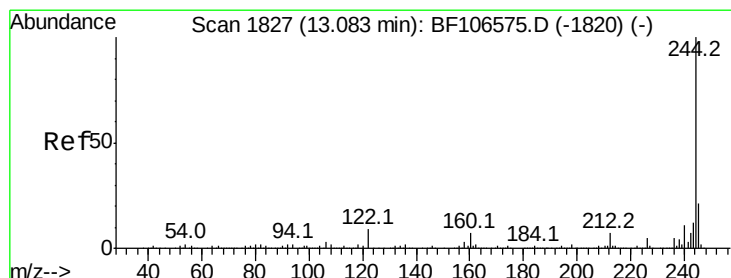
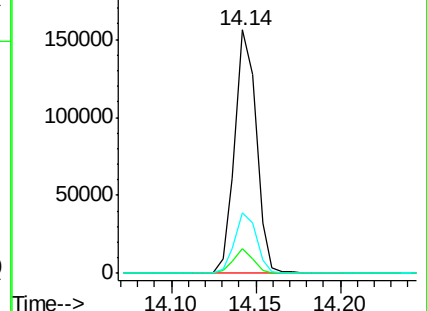
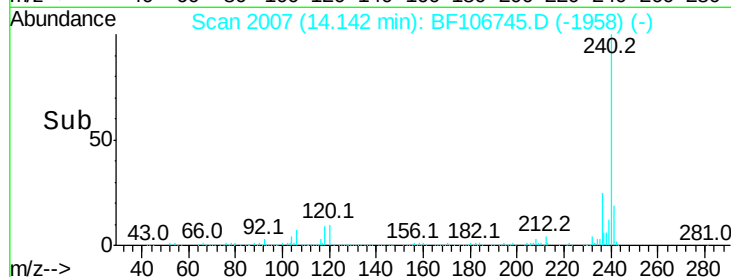
236 25.1 20.7 31.1



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: 86.677 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106745.D

Acq: 23 Jun 2018 8:12

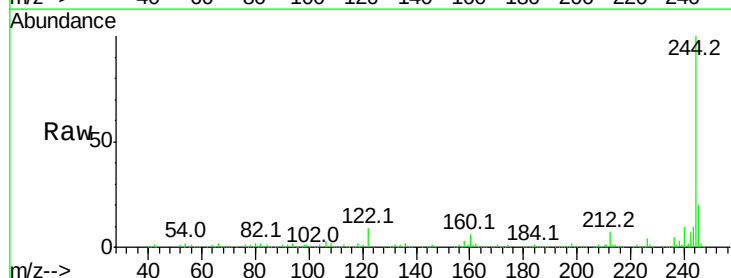
Tgt Ion:244 Resp: 498002

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

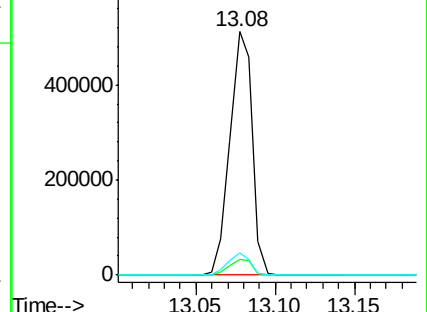
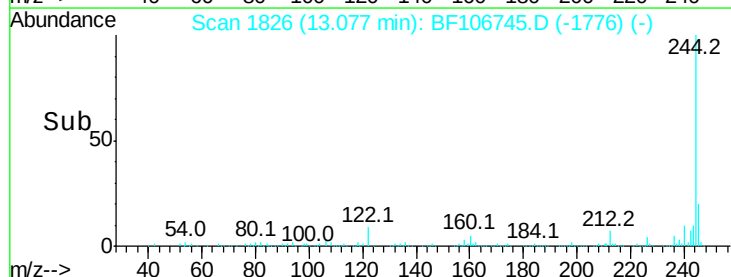
122 9.2 11.0 16.4#

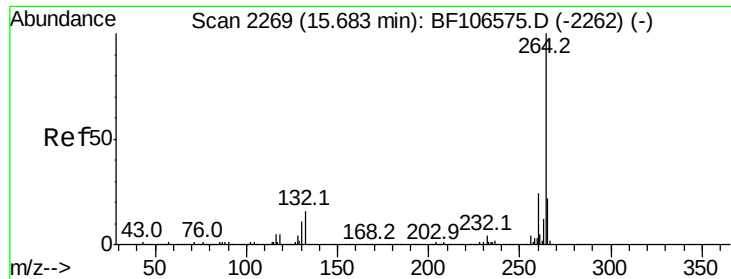


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2269
Delta R.T. -0.01 min
Lab File: BF106745.D
Acq: 23 Jun 2018 8:12

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.7	17.5	26.3

