

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106549.D
 Acq On : 18 Jun 2018 20:04
 Operator : JU/SJ
 Sample : J3244-01 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061518

Quant Time: Jun 19 04:48:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

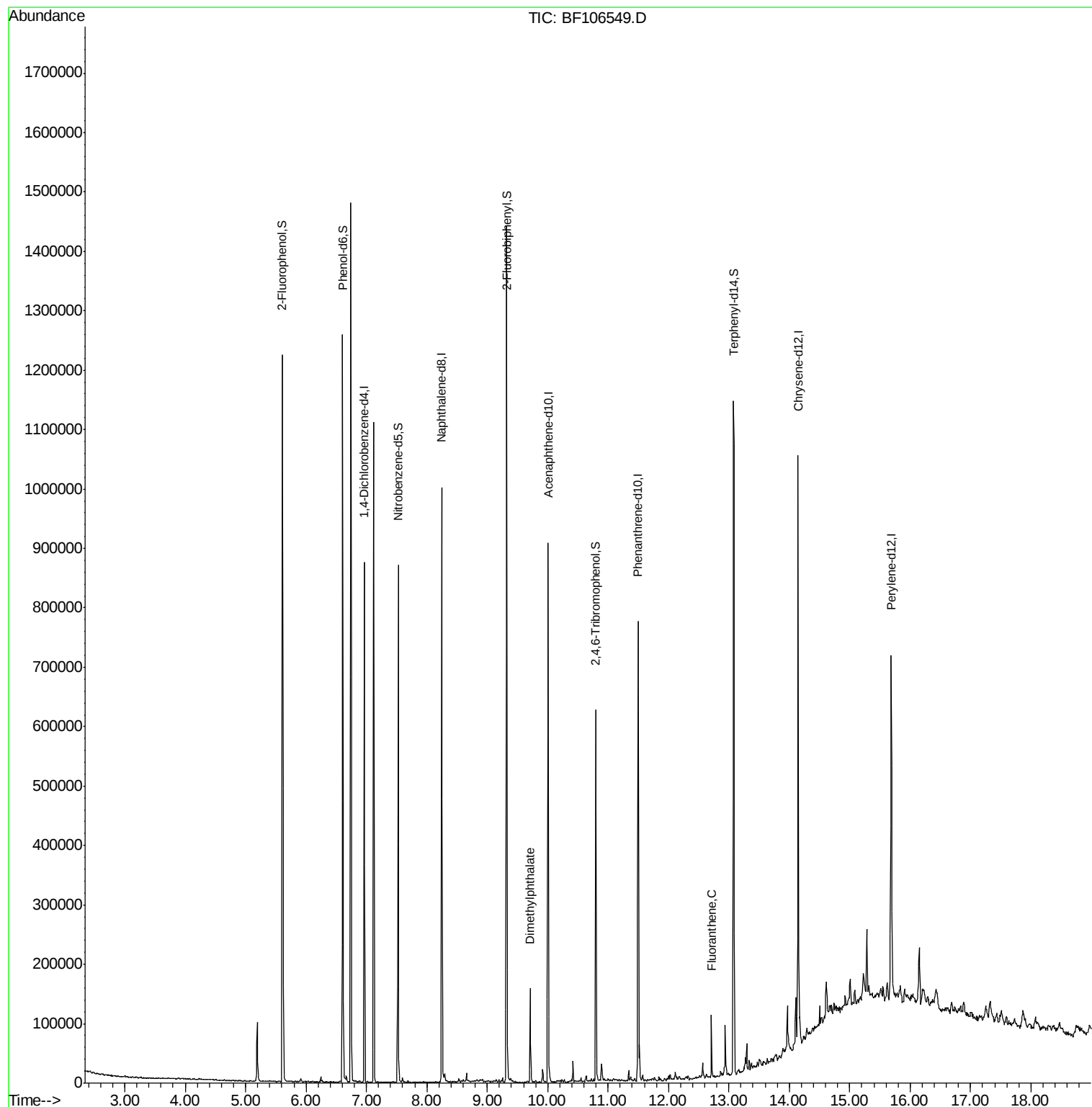
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112695	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	408493	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	169867	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	282311	20.00	ng	0.00
75) Chrysene-d12	14.15	240	317151	20.00	ng	0.00
86) Perylene-d12	15.69	264	273109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	343428	51.58	ng	0.00
7) Phenol-d6	6.61	99	409485	48.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	255445	36.79	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	73301	44.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	436415	36.09	ng	0.00
78) Terphenyl-d14	13.08	244	398375	31.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	62005	5.109	ng	99
74) Fluoranthene	12.71	202	37105	2.517	ng	97

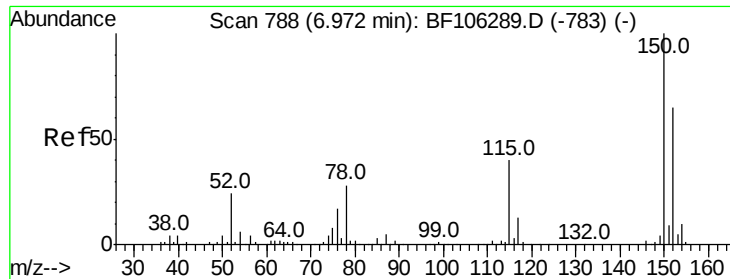
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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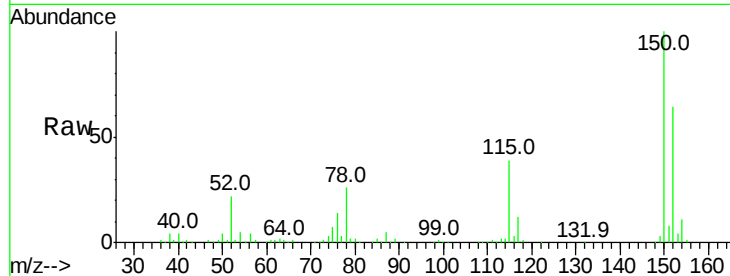


#1

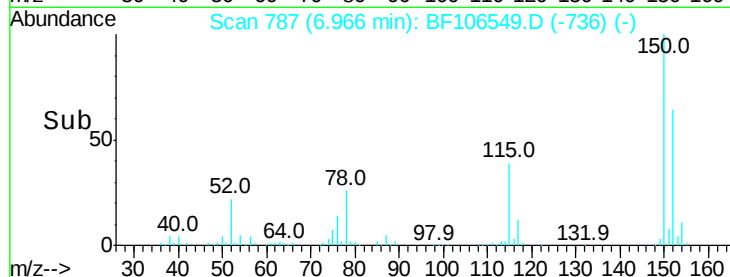
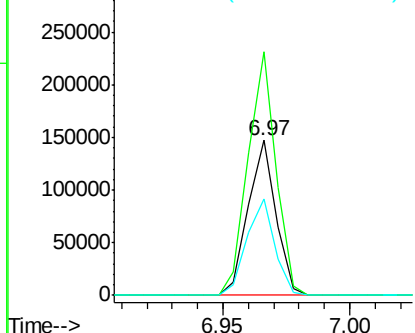
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Instrument :
BNA_F
ClientSampleId :
HD-01-061518

Tot Ion:152 Resp: 112695
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 62.1 50.1 75.1



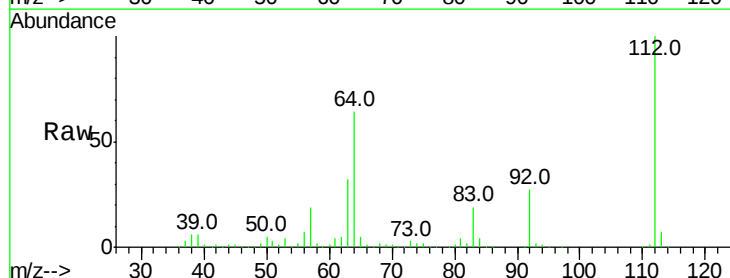
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



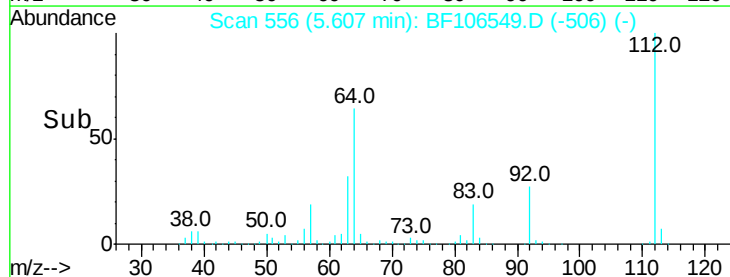
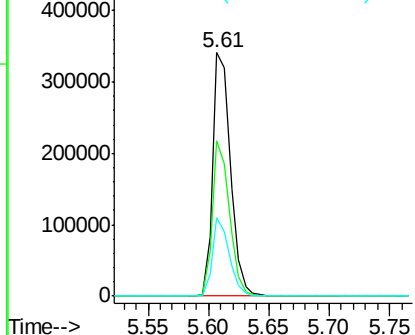
#5

2-Fluorophenol
Concen: 51.577 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion:112 Resp: 343428
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 32.3 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: 48.676 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Instrument :

BNA_F

ClientSampleId :

HD-01-061518

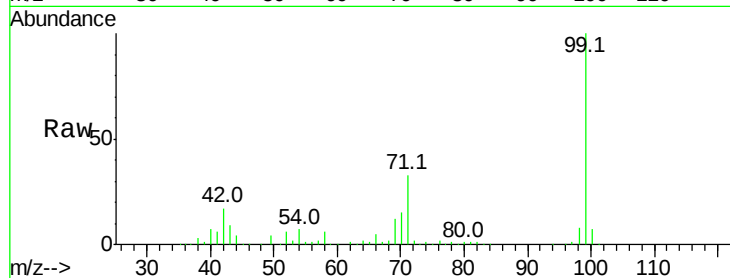
Tot Ion: 99 Resp: 409485

Ion Ratio Lower Upper

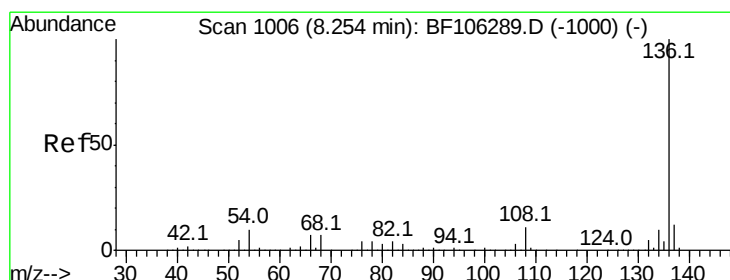
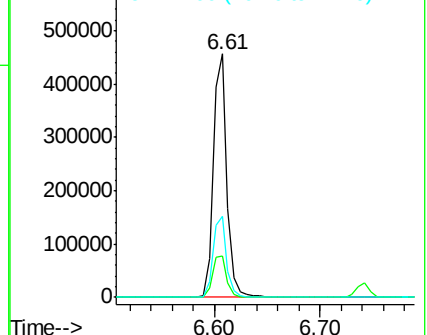
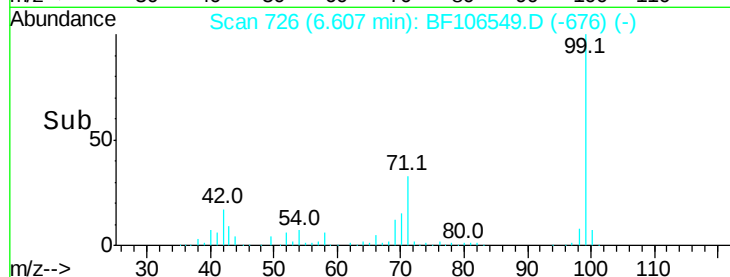
99 100

42 17.1 14.5 21.7

71 33.3 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: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Tgt Ion: 136 Resp: 408493

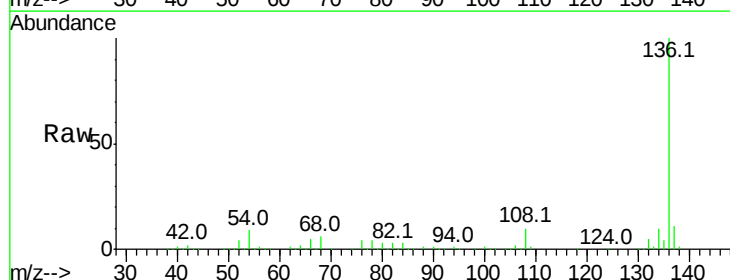
Ion Ratio Lower Upper

136 100

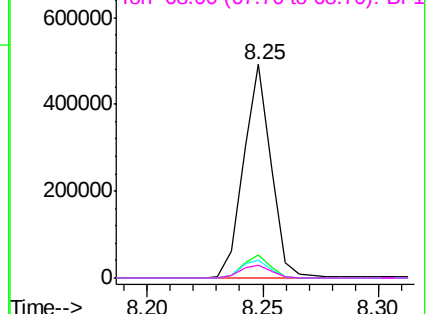
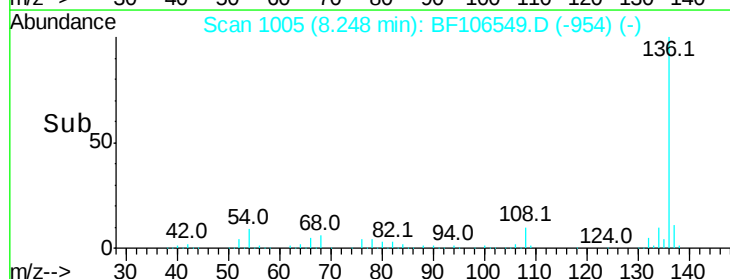
137 10.9 8.9 13.3

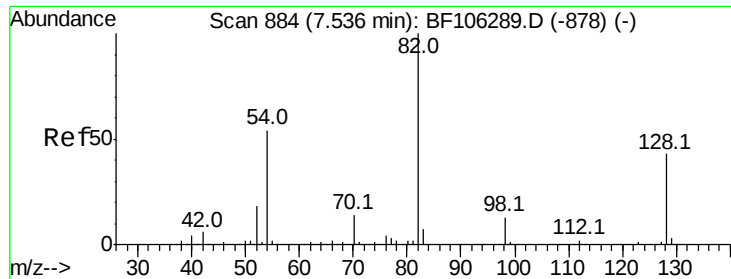
54 8.6 6.6 9.8

68 6.2 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

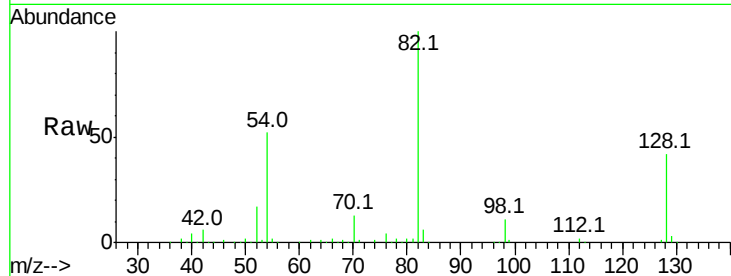




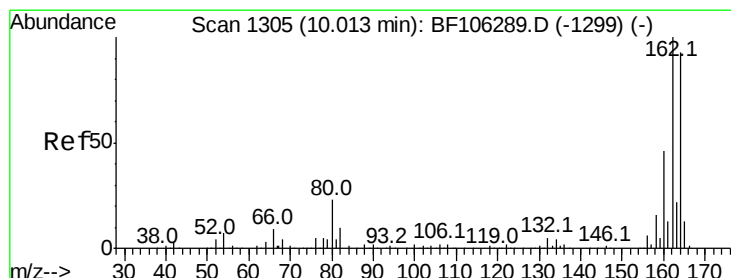
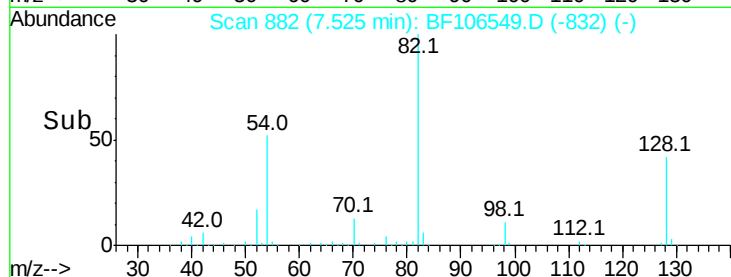
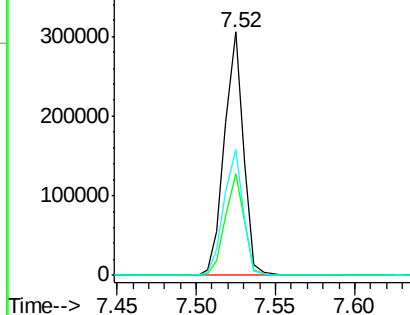
#23
Nitrobenzene-d5
Concen: 36.788 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Instrument :
BNA_F
ClientSampleId :
HD-01-061518

Tot Ion: 82 Resp: 255445
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 51.7 41.4 62.2

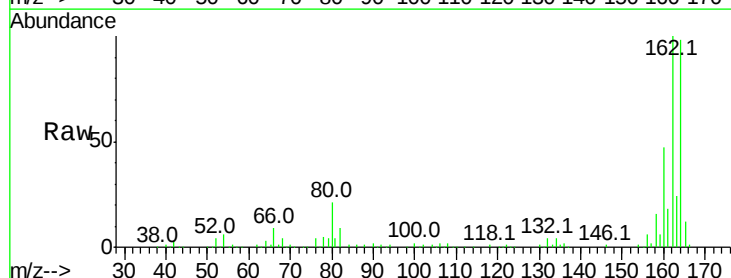


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

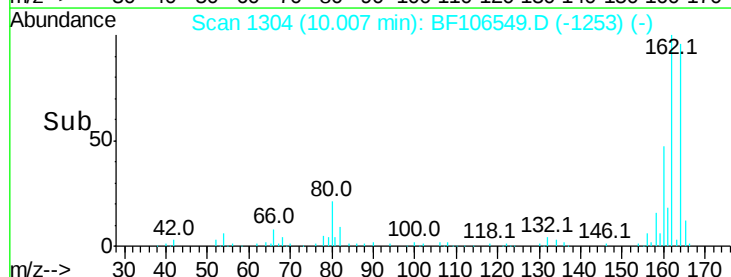
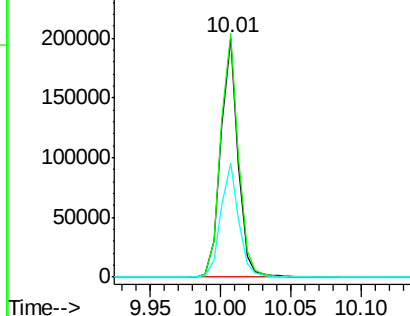


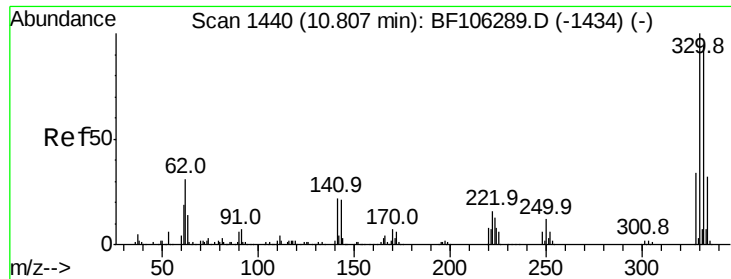
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion:164 Resp: 169867
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.7 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

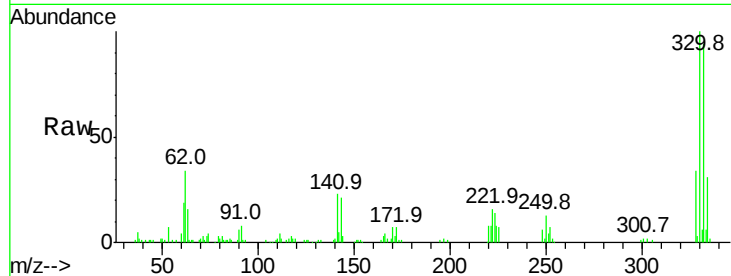




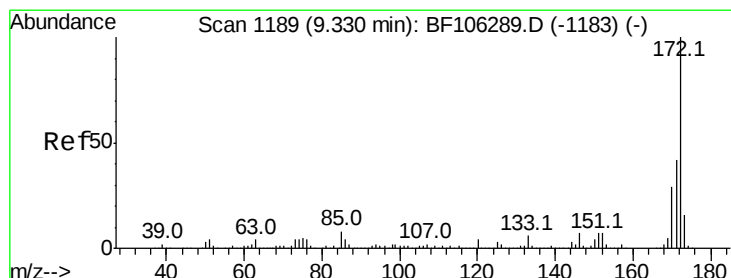
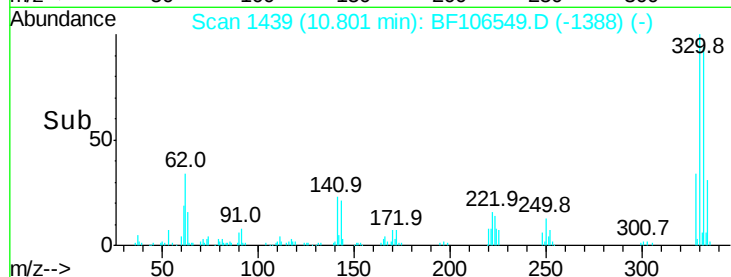
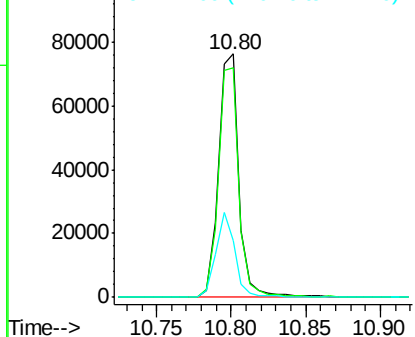
#41
 2,4,6-Tribromophenol
 Concen: 44.848 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-061518

Tot Ion:330 Resp: 73301
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 31.9 29.9 44.9

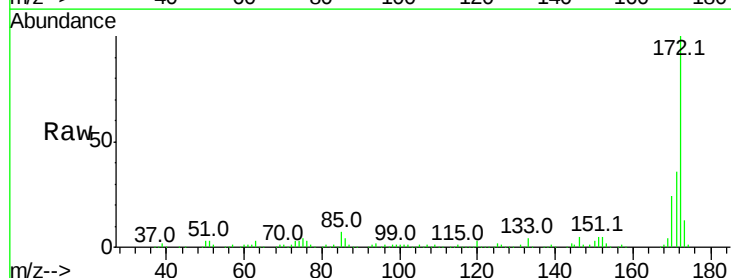


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

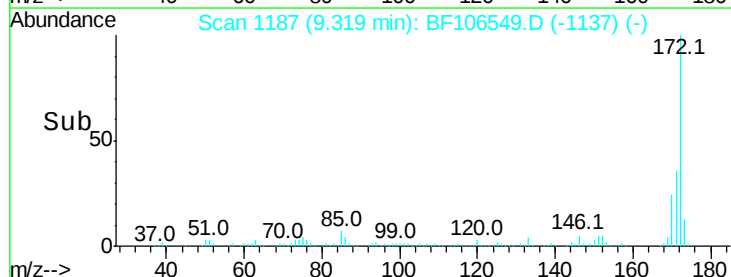
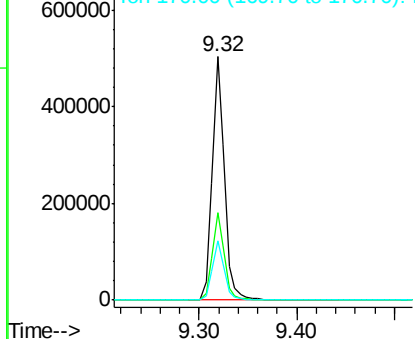


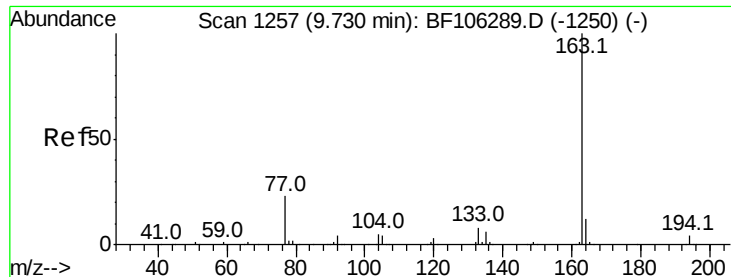
#44
 2-Fluorobiphenyl
 Concen: 36.095 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106549.D
 Acq: 18 Jun 2018 20:04

Tgt Ion:172 Resp: 436415
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.3 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

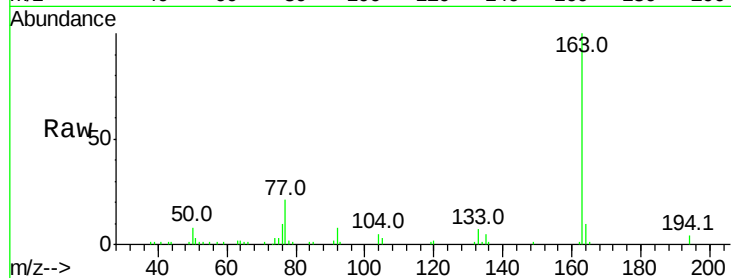




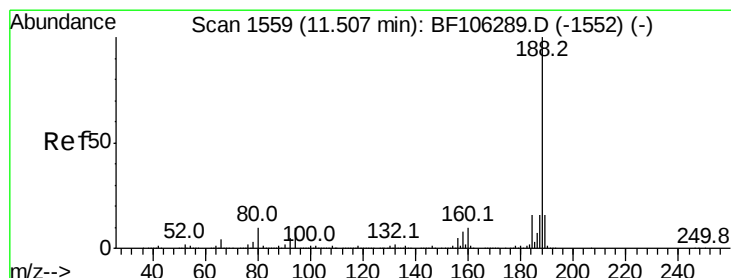
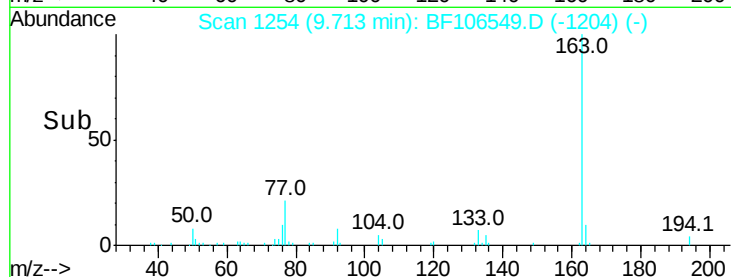
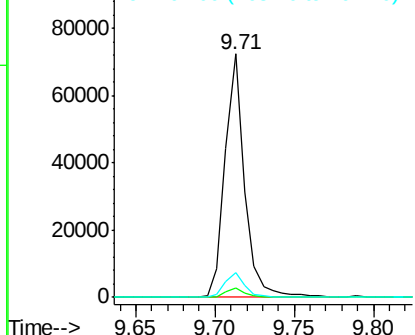
#49
Dimethylphthalate
Concen: 5.109 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Instrument :
BNA_F
ClientSampleId :
HD-01-061518

Tot Ion:163 Resp: 62005
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

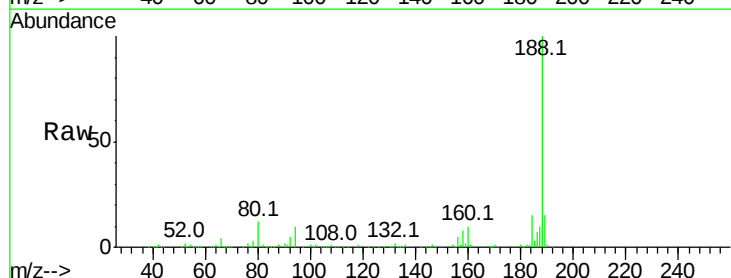


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

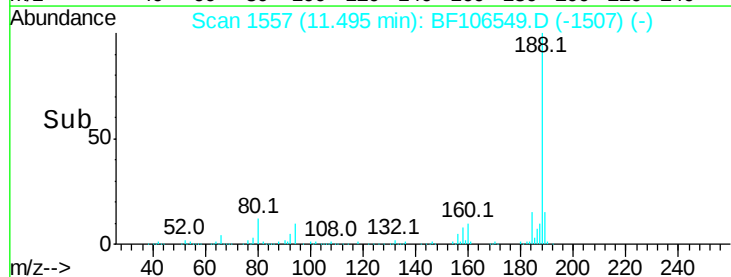
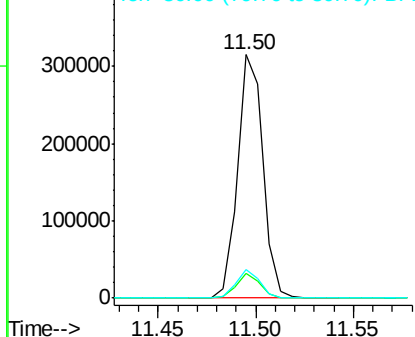


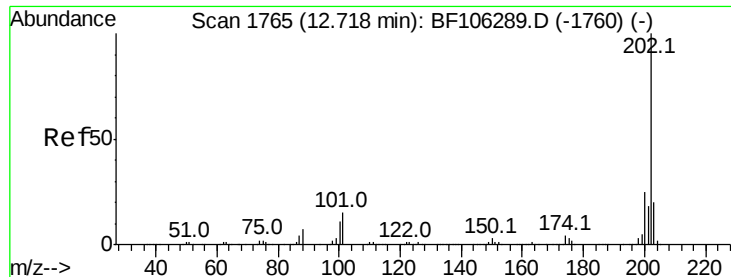
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106549.D
Acq: 18 Jun 2018 20:04

Tgt Ion:188 Resp: 282311
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.7 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





#74

Fluoranthene

Concen: 2.517 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Instrument :

BNA_F

ClientSampleId :

HD-01-061518

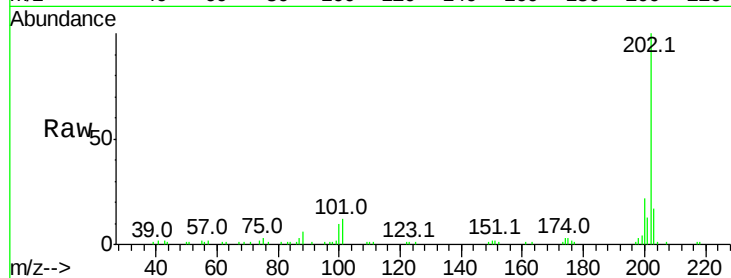
Tot Ion:202 Resp: 37105

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

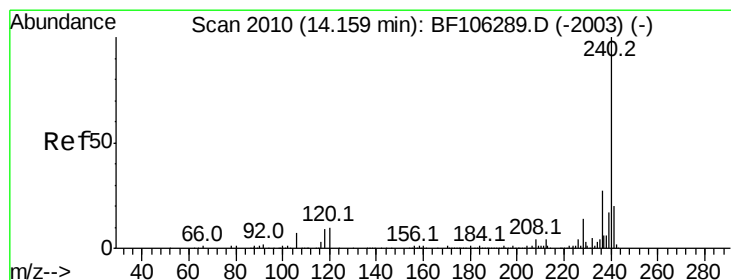
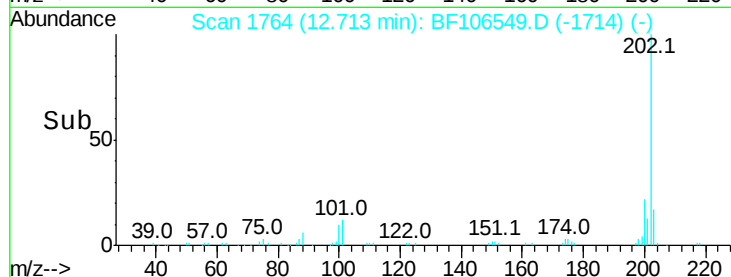
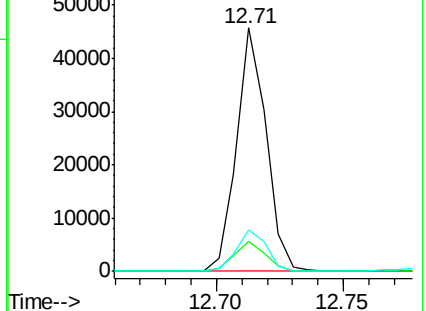
203 17.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

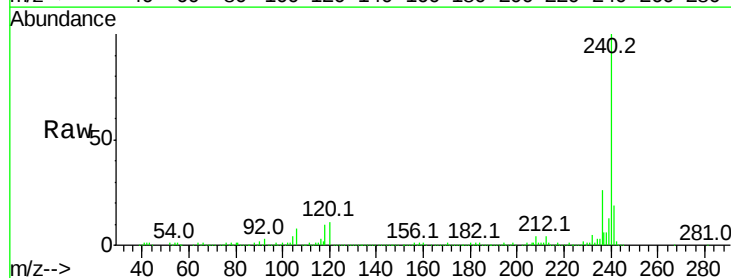
Tgt Ion:240 Resp: 317151

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

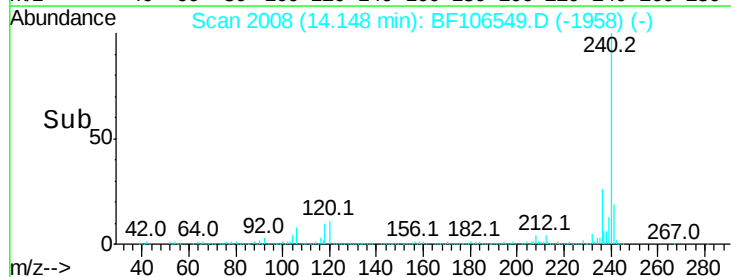
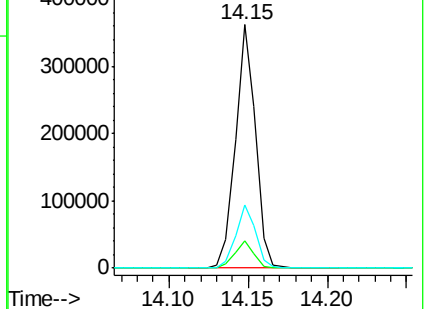
236 26.1 20.7 31.1

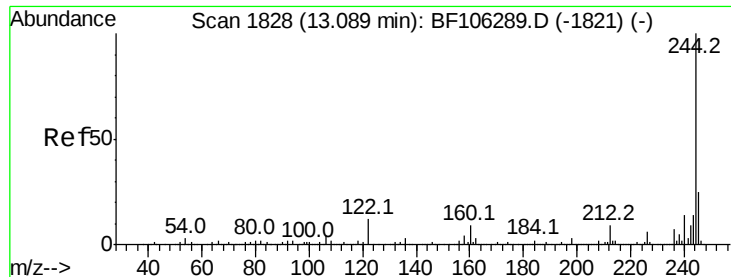


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 31.199 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106549.D

Acq: 18 Jun 2018 20:04

Instrument :

BNA_F

ClientSampleId :

HD-01-061518

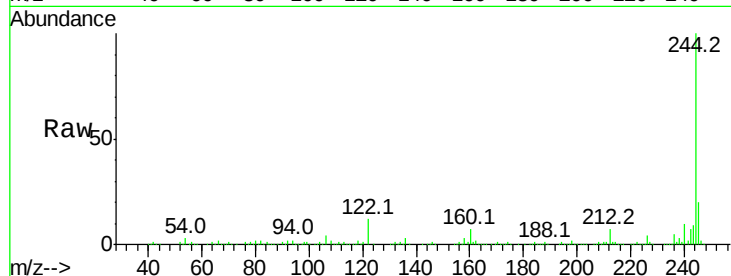
Tot Ion:244 Resp: 398375

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

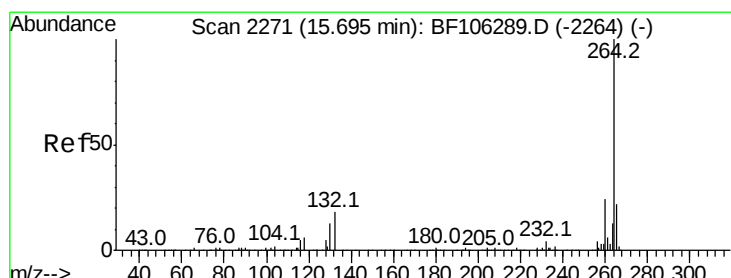
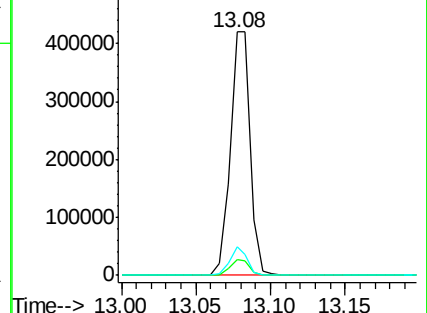
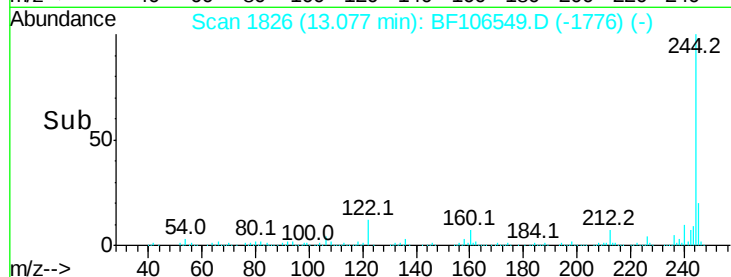
122 11.7 11.0 16.4



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: BF106549.D

Acq: 18 Jun 2018 20:04

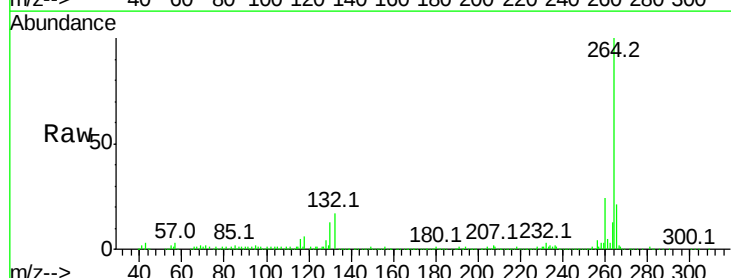
Tgt Ion:264 Resp: 273109

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

