

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106984.D
 Acq On : 29 Jun 2018 20:14
 Operator : JU/SJ
 Sample : J3677-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(10-15)

Quant Time: Jun 30 00:08:43 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 29 14:38:29 2018
 Response via : Initial Calibration

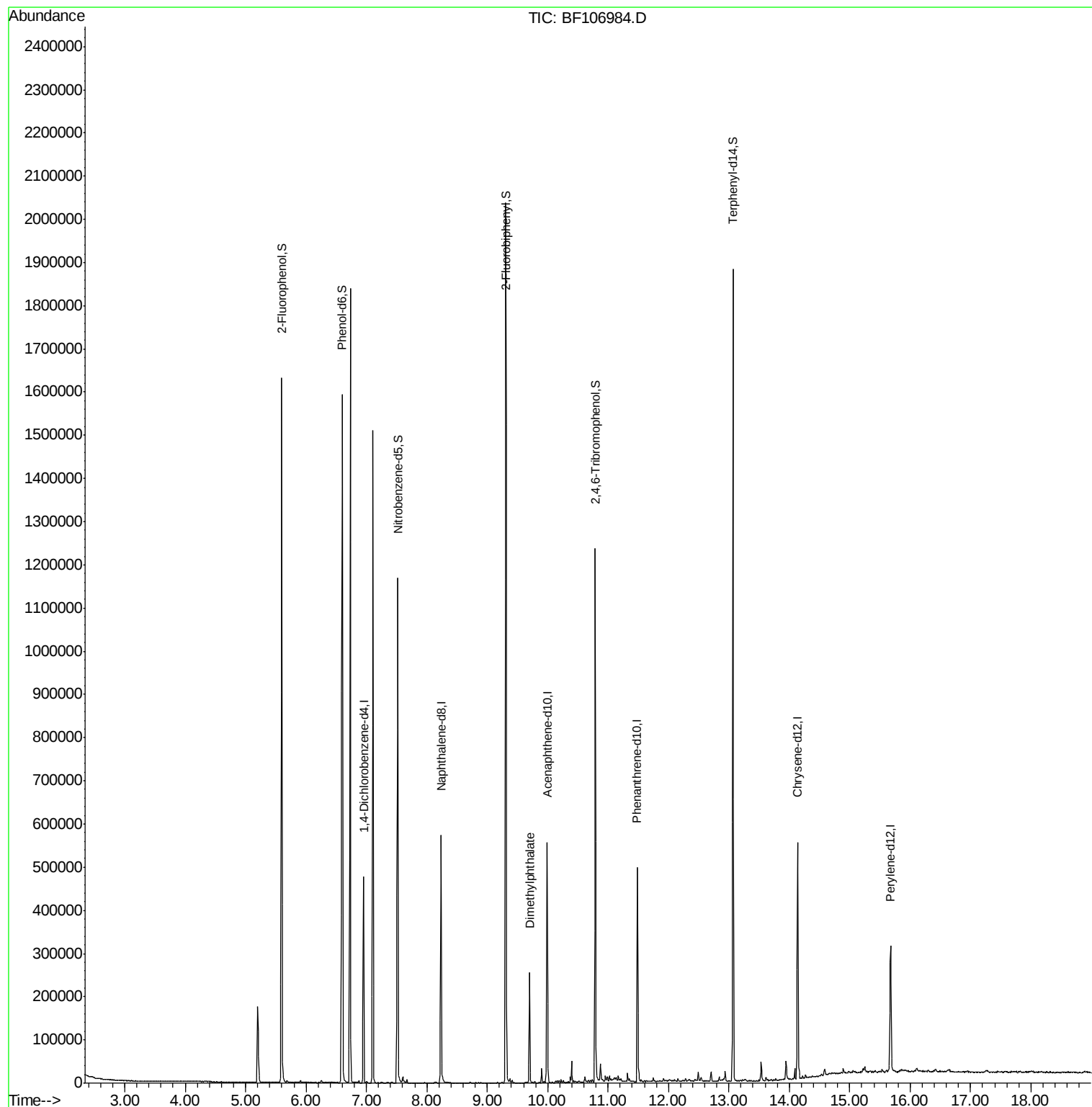
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75492	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	282698	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	127882	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	212957	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	205530	20.00	ng	-0.03
86) Perylene-d12	15.68	264	154444	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	521680	117.02	ng	0.00
7) Phenol-d6	6.60	99	658356	118.25	ng	-0.01
23) Nitrobenzene-d5	7.52	82	416015	81.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	182688	123.26	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	686183	92.04	ng	-0.02
78) Terphenyl-d14	13.07	244	675522	79.61	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	105636	11.014	ng	98

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

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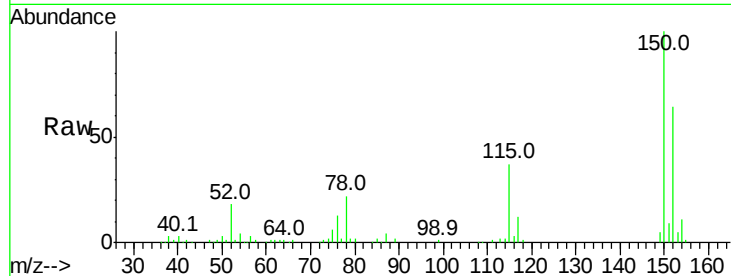


#1

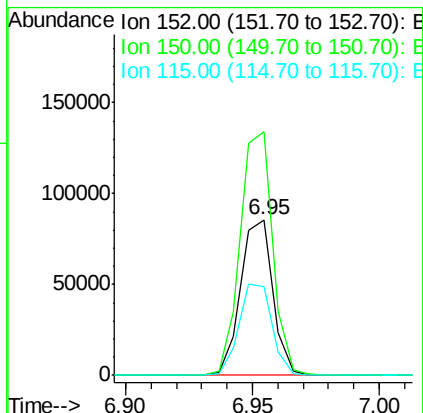
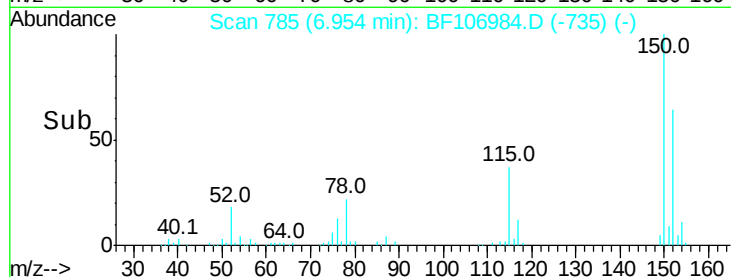
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tot Ion:152 Resp: 75492
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.3 50.1 75.1



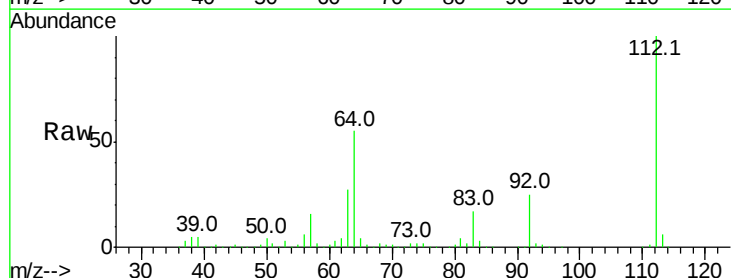
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



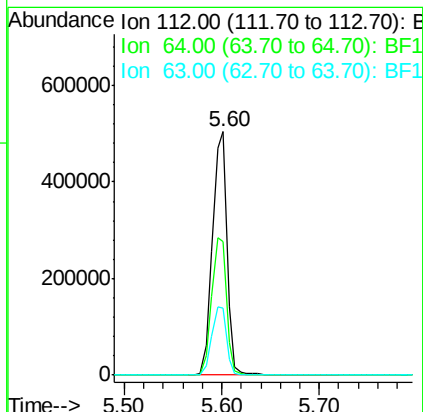
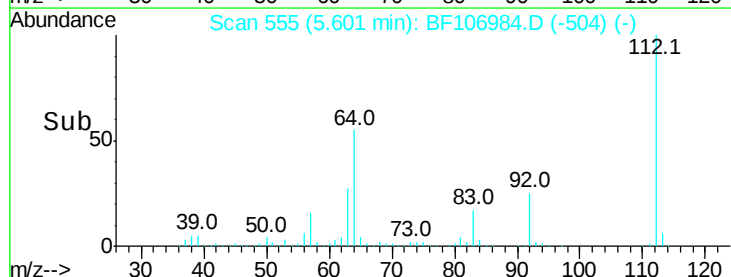
#5

2-Fluorophenol
Concen: 117.015 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Tgt Ion:112 Resp: 521680
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.4 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: 118.251 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

Instrument :

BNA_F

ClientSampleId :

93-95-B2(10-15)

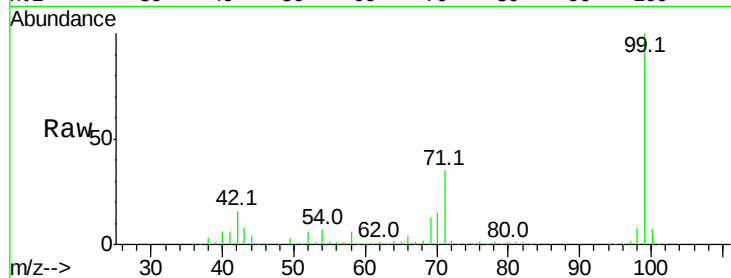
Tot Ion: 99 Resp: 658356

Ion Ratio Lower Upper

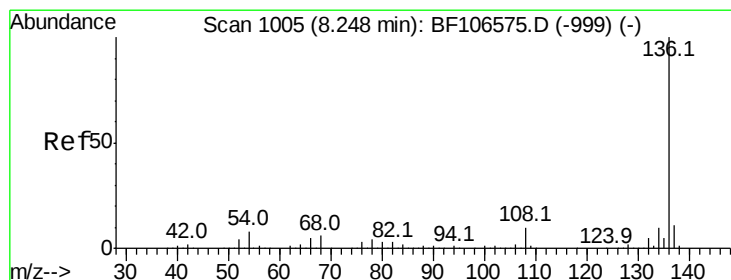
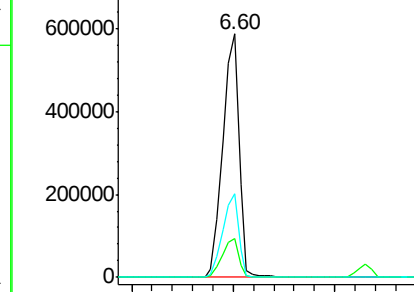
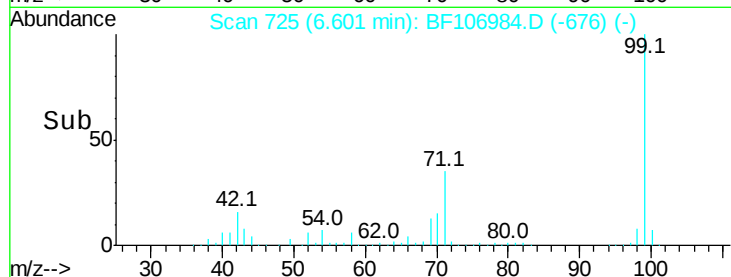
99 100

42 16.2 14.5 21.7

71 34.5 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# 1003

Delta R.T. -0.01 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

Tgt Ion: 136 Resp: 282698

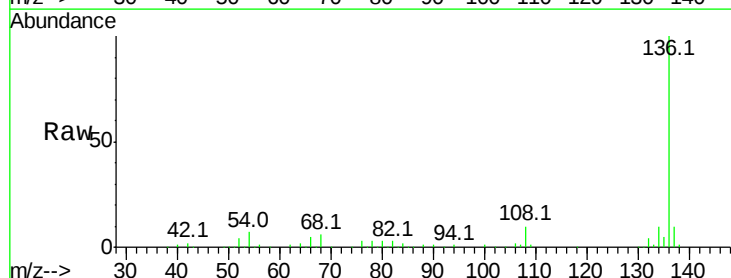
Ion Ratio Lower Upper

136 100

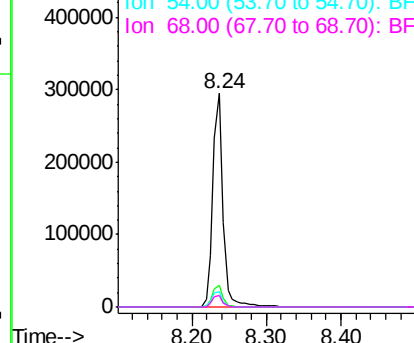
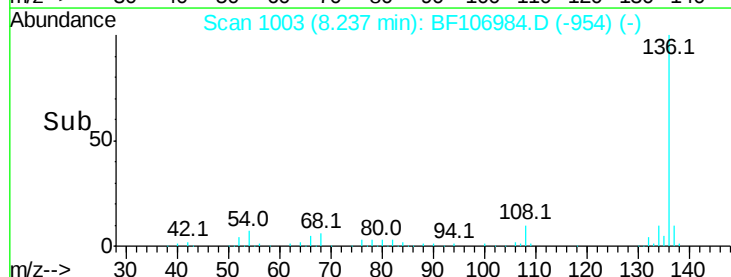
137 10.5 8.9 13.3

54 7.3 6.6 9.8

68 5.6 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

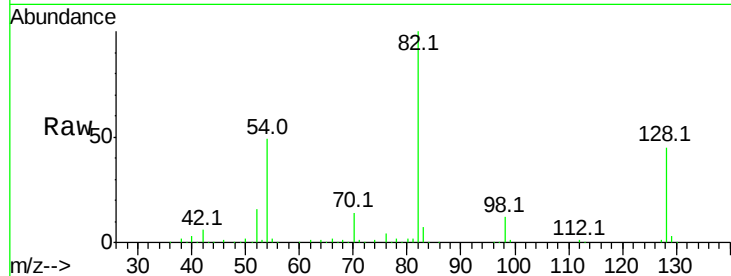




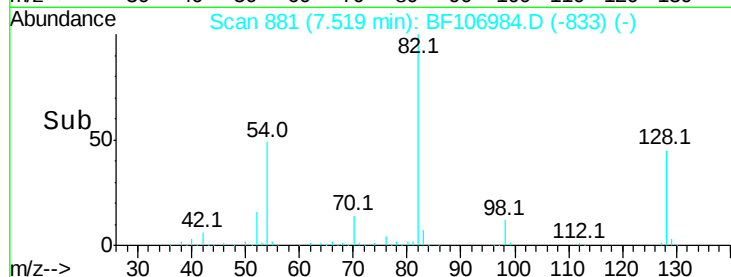
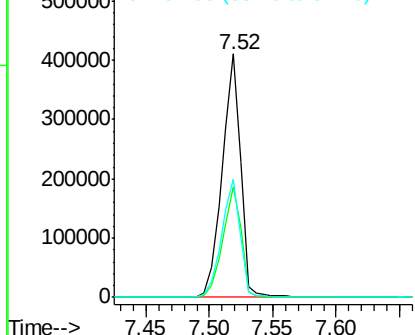
#23
 Nitrobenzene-d5
 Concen: 81.781 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(10-15)

Tot Ion	82	Resp	416015
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.1	54.1
54	48.6	41.4	62.2

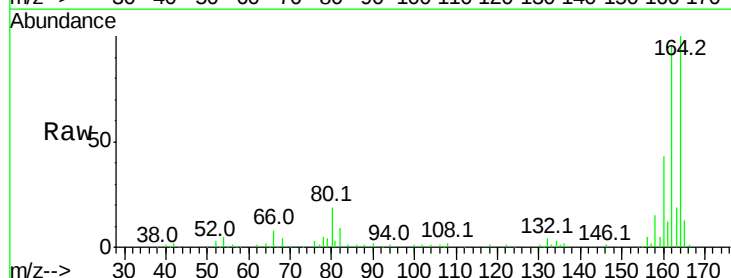


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

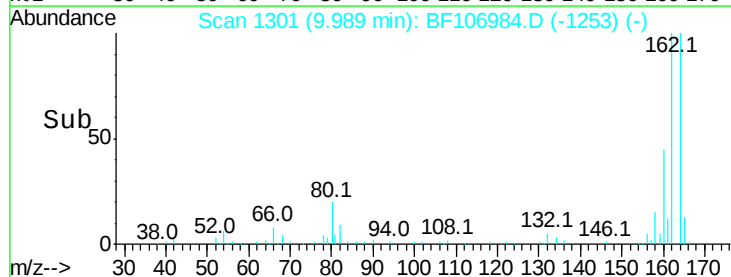
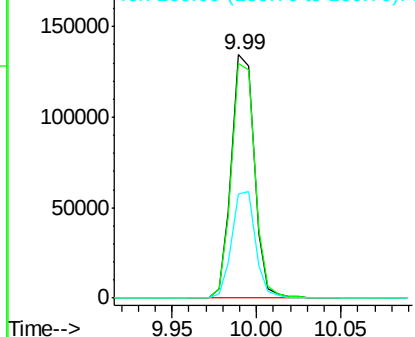


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

Tgt Ion	164	Resp	127882
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	42.9	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: 123.256 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

Instrument :

BNA_F

ClientSampleId :

93-95-B2(10-15)

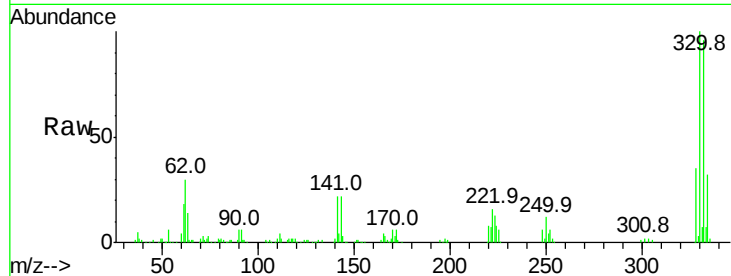
Tot Ion:330 Resp: 182688

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

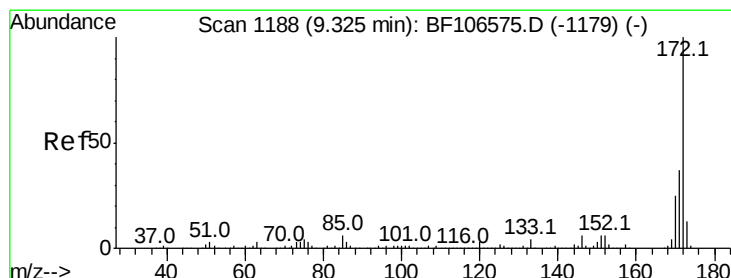
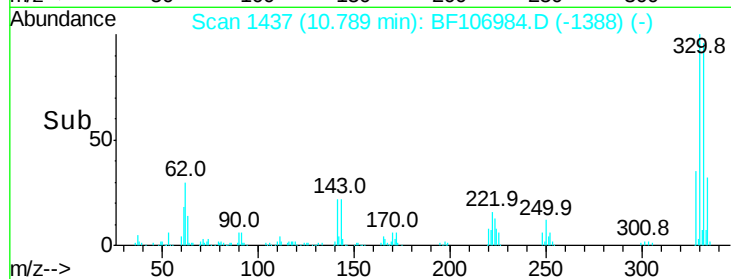
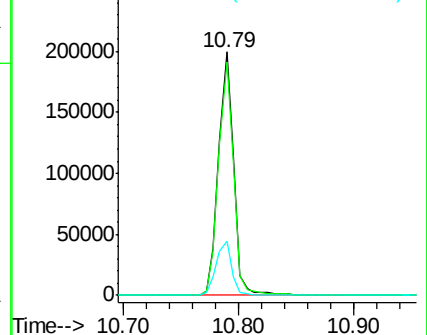
141 22.9 29.9 44.9#



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: 92.045 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

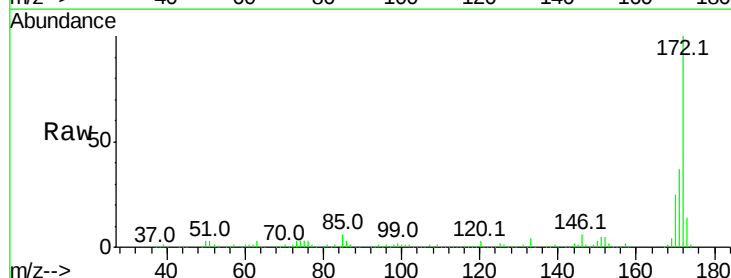
Tgt Ion:172 Resp: 686183

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

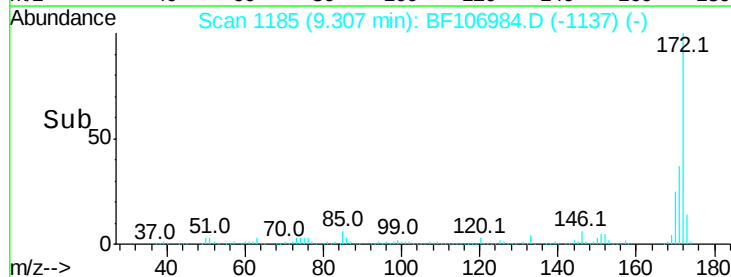
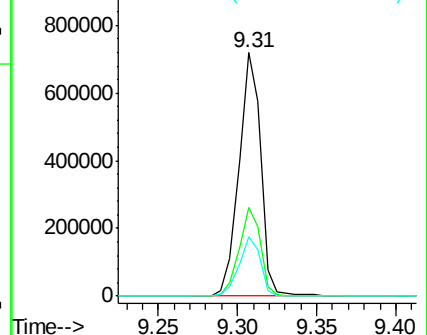
170 24.6 19.6 29.4



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

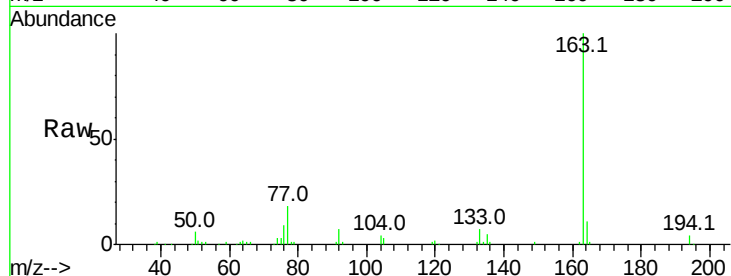




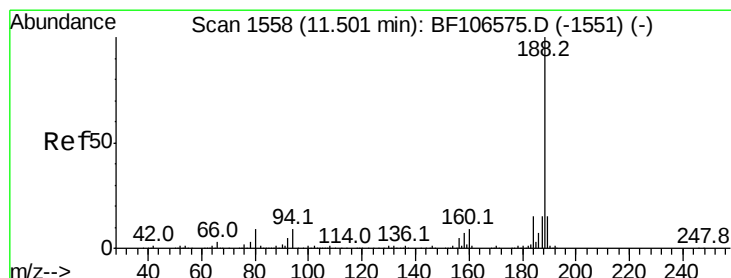
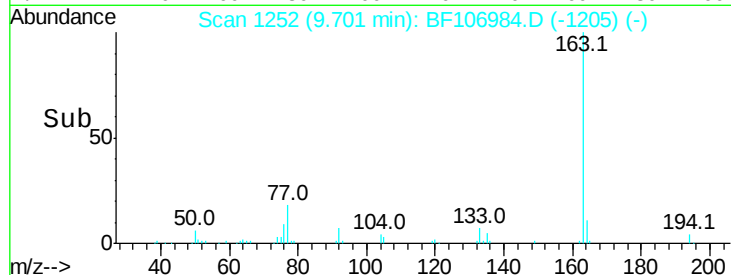
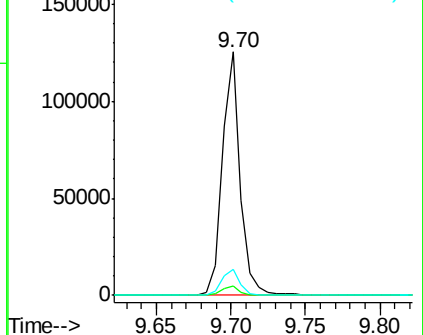
#49
Dimethylphthalate
Concen: 11.014 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
93-95-B2(10-15)

Tot Ion:163 Resp: 105636
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.8 8.2 12.2

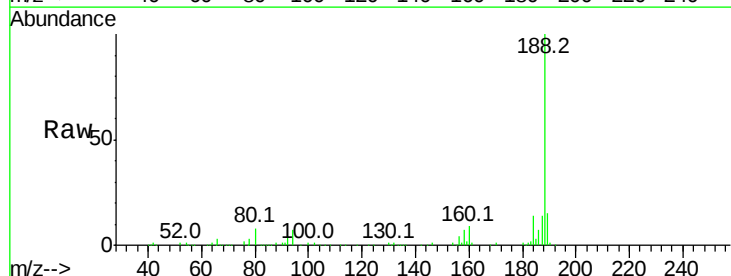


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

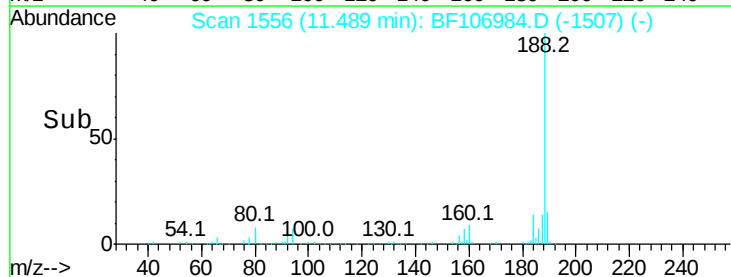
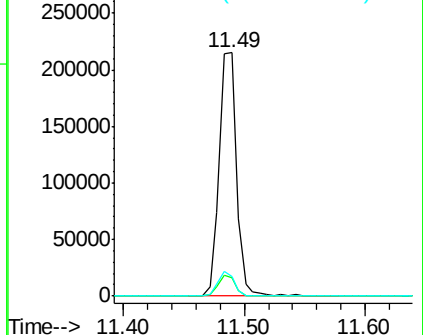


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106984.D
Acq: 29 Jun 2018 20:14

Tgt Ion:188 Resp: 212957
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 7.9 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# 2006

Delta R.T. -0.03 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

Instrument :

BNA_F

ClientSampleId :

93-95-B2(10-15)

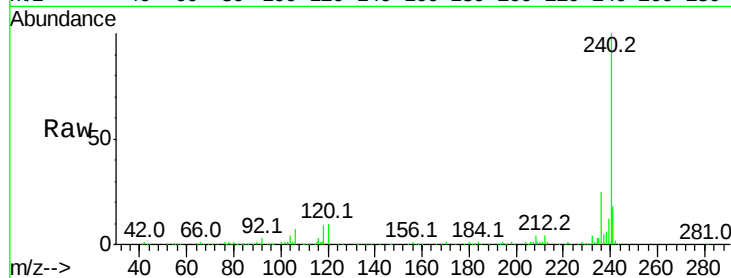
Tot Ion:240 Resp: 205530

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

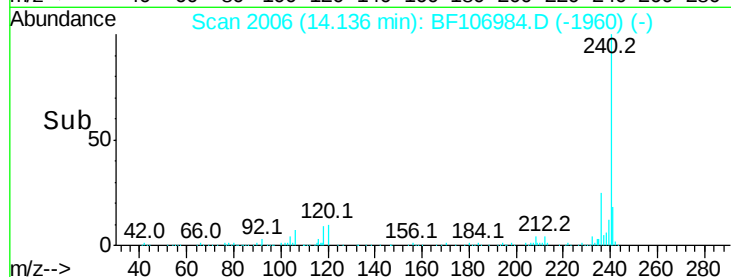
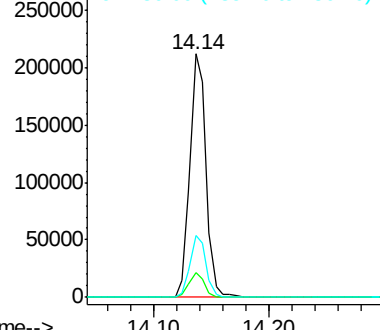
236 25.4 20.7 31.1



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: 79.614 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106984.D

Acq: 29 Jun 2018 20:14

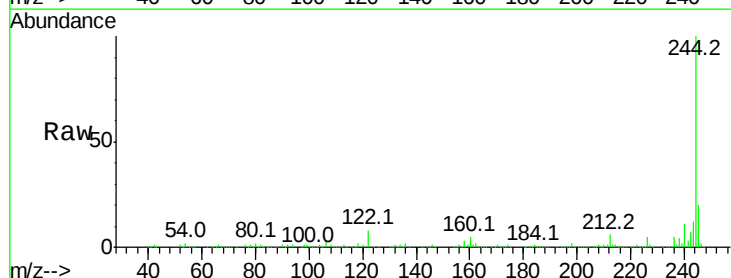
Tgt Ion:244 Resp: 675522

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

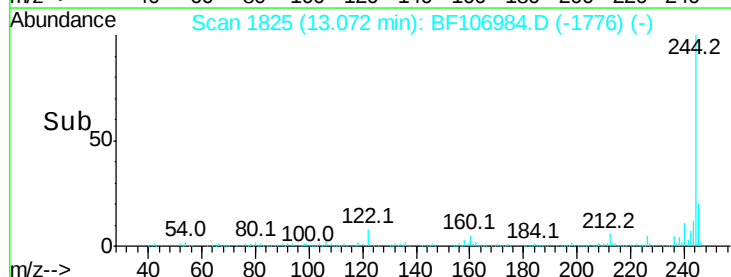
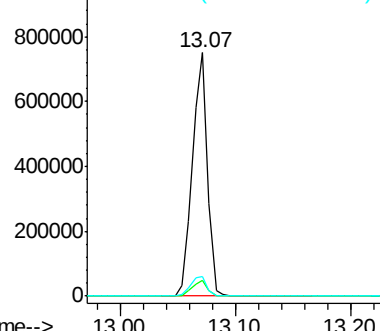
122 8.1 11.0 16.4#

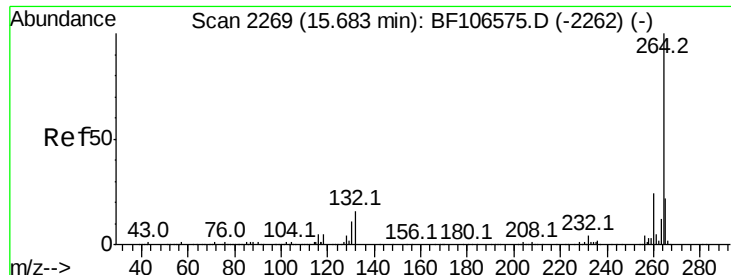


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

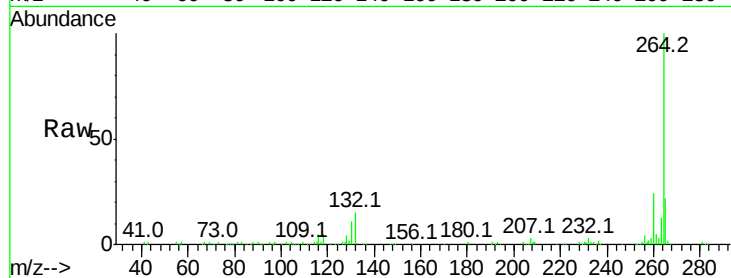




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106984.D
 Acq: 29 Jun 2018 20:14

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(10-15)

Tot Ion:	264	Resp:	154444
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	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

