

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106382.D
 Acq On : 13 Jun 2018 9:18
 Operator : JU/SJ
 Sample : J3396-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-08

Quant Time: Jun 13 11:00:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126142	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	422409	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174952	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	354566	20.00	ng	0.00
75) Chrysene-d12	14.15	240	369284	20.00	ng	0.00
86) Perylene-d12	15.69	264	261084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	484780	65.04	ng	0.00
7) Phenol-d6	6.63	99	354462	37.64	ng	0.00
23) Nitrobenzene-d5	7.54	82	728537	101.46	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	268182	159.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1136689	140.66	ng	0.00
78) Terphenyl-d14	13.09	244	1386993	93.29	ng	0.00

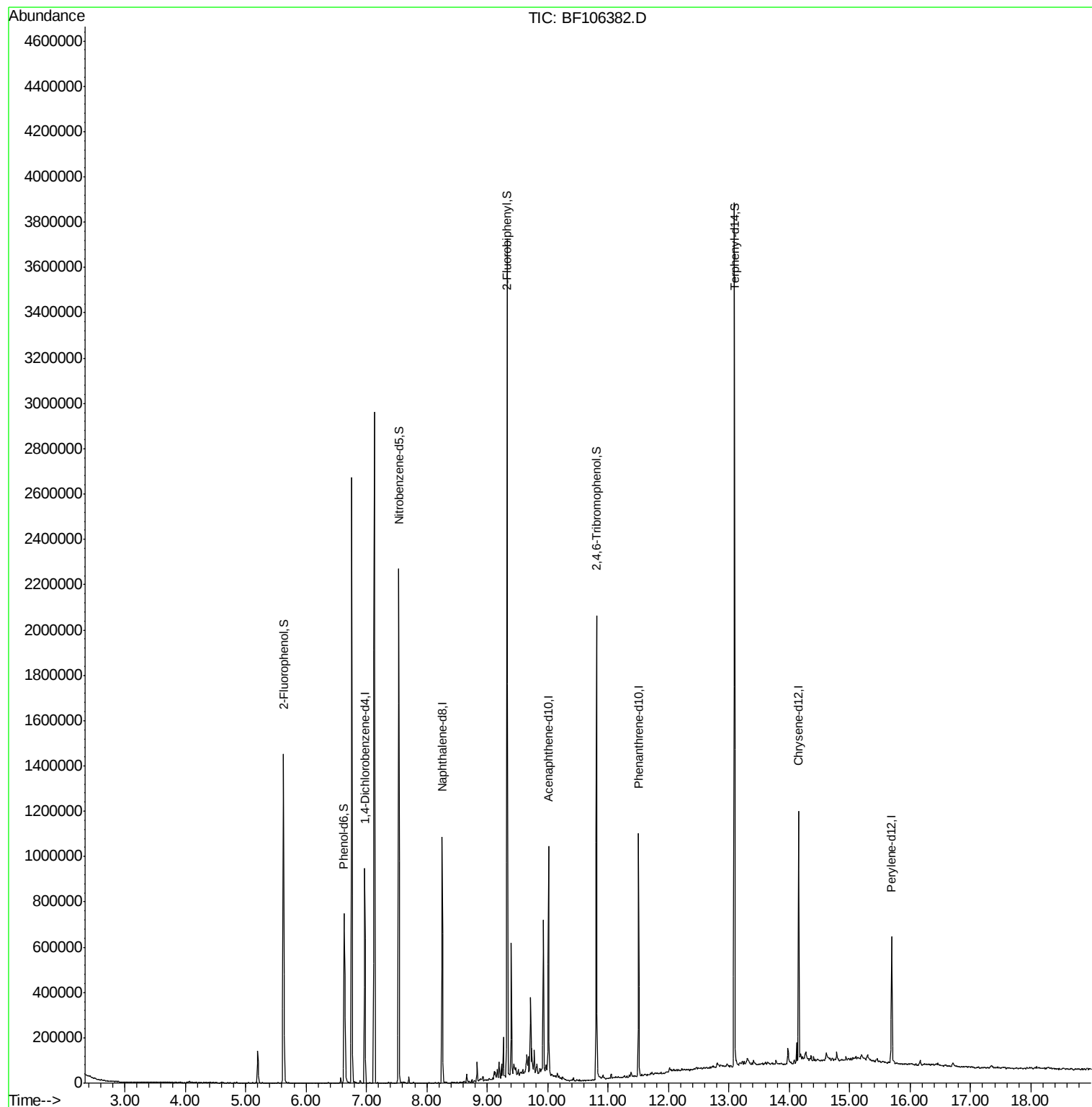
Target Compounds Qvalue

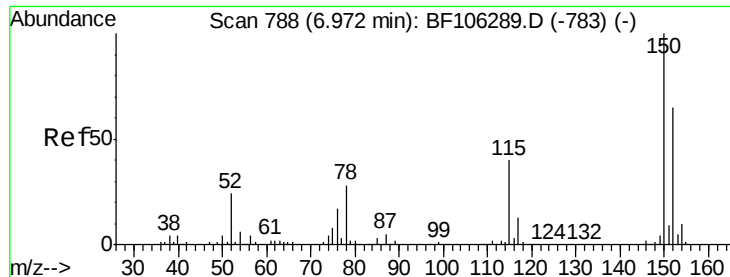
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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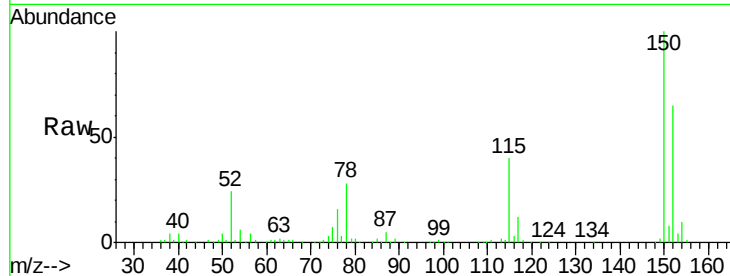


#1

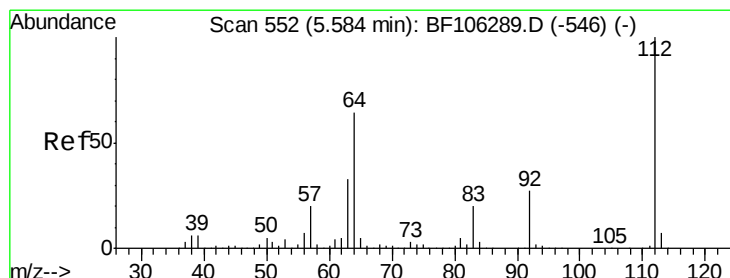
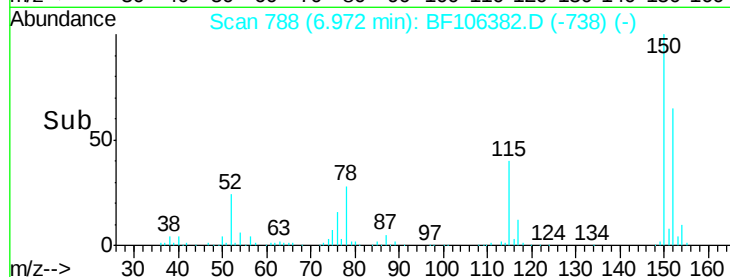
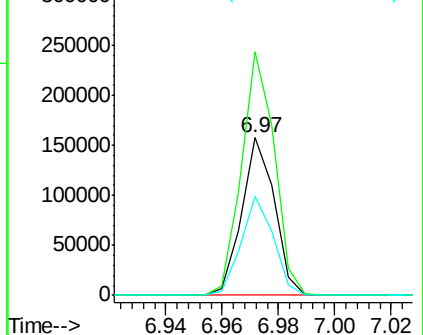
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 126142
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 62.7 50.1 75.1



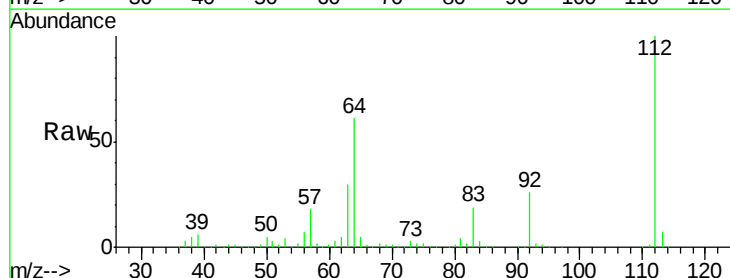
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



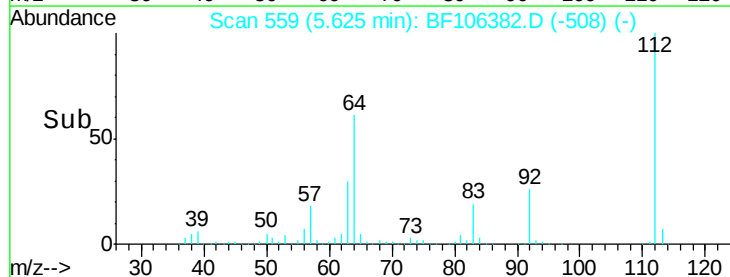
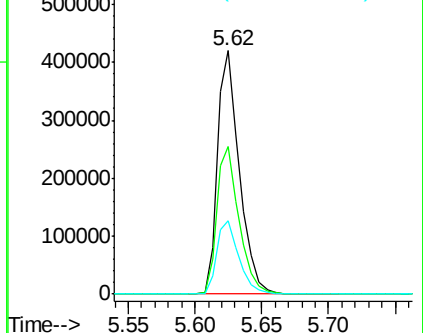
#5

2-Fluorophenol
Concen: 65.045 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion:112 Resp: 484780
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.4 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: 37.644 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

Instrument :

BNA_F

ClientSampleId :

W-08

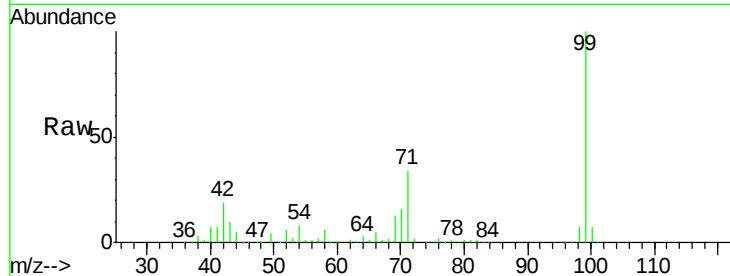
Tot Ion: 99 Resp: 354462

Ion Ratio Lower Upper

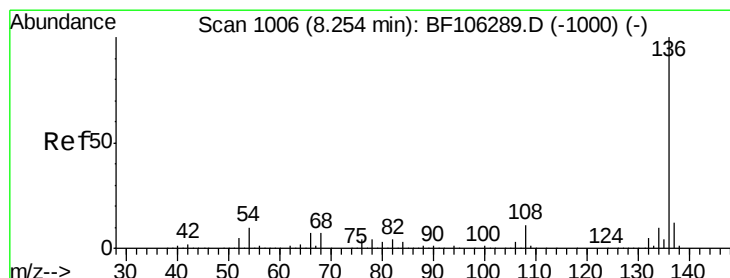
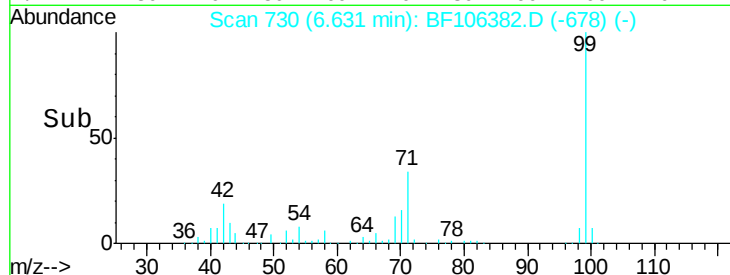
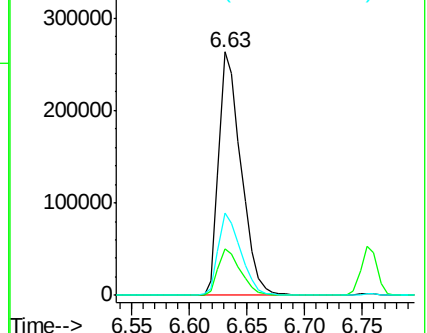
99 100

42 19.4 14.5 21.7

71 33.9 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF106382.D

Acq: 13 Jun 2018 9:18

Tgt Ion: 136 Resp: 422409

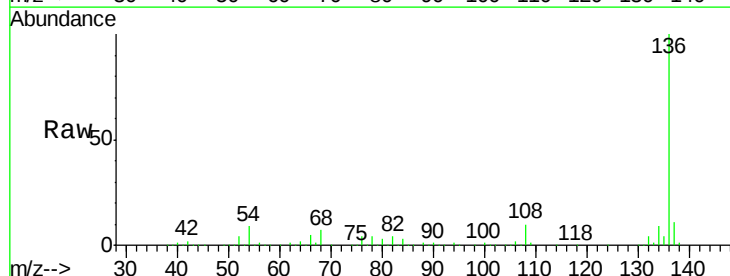
Ion Ratio Lower Upper

136 100

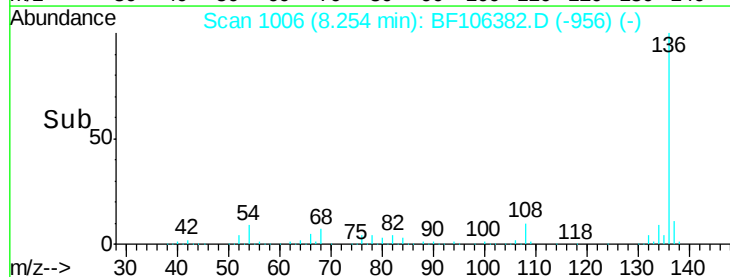
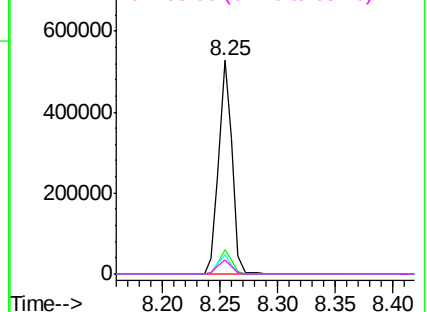
137 11.4 8.9 13.3

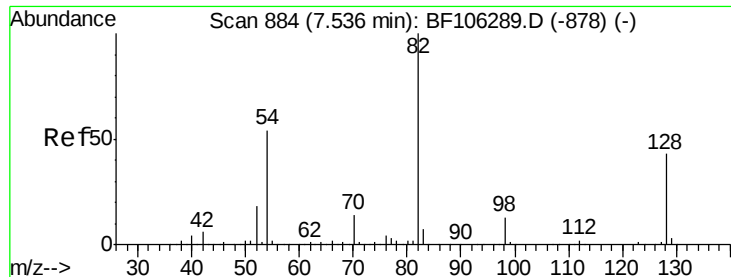
54 9.0 6.6 9.8

68 6.8 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

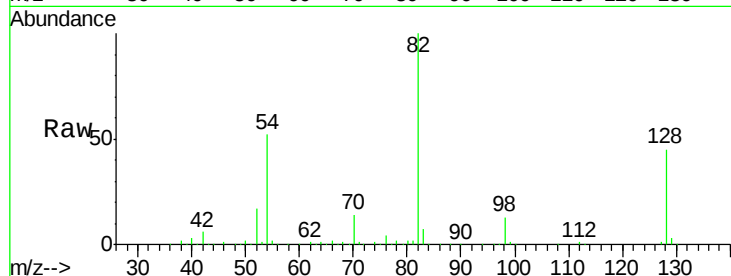




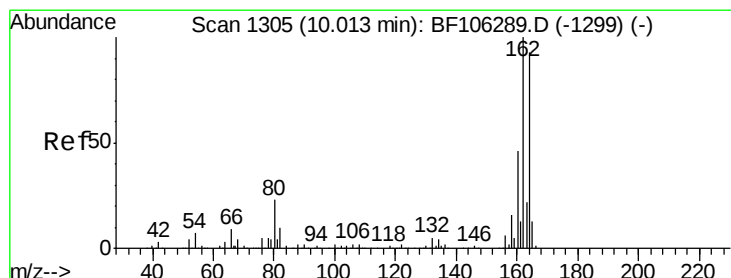
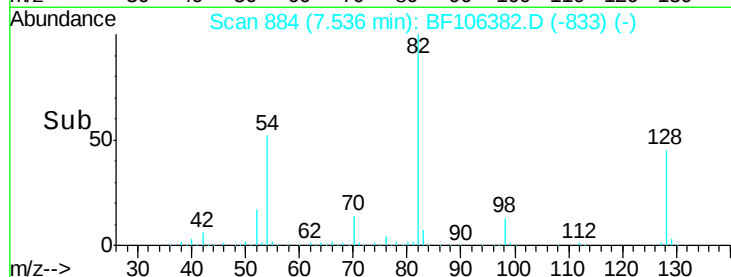
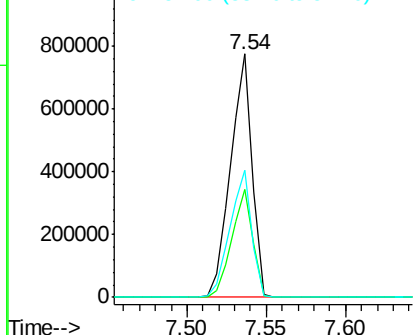
#23
Nitrobenzene-d5
Concen: 101.463 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	82	Resp	728537
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	52.0	41.4	62.2

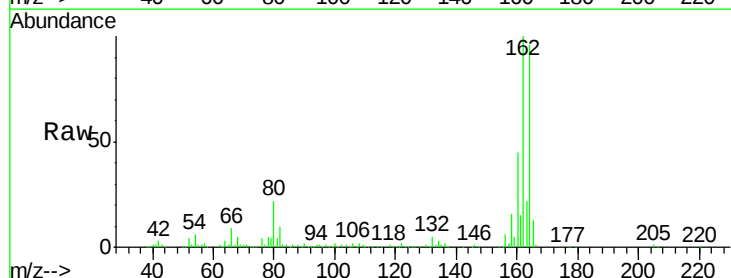


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

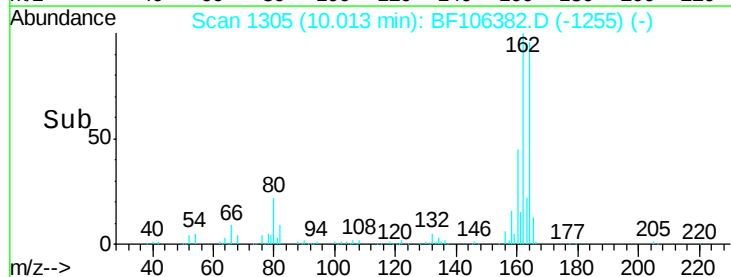
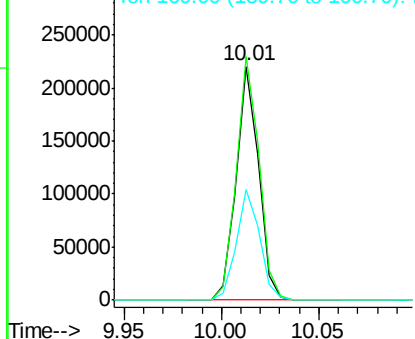


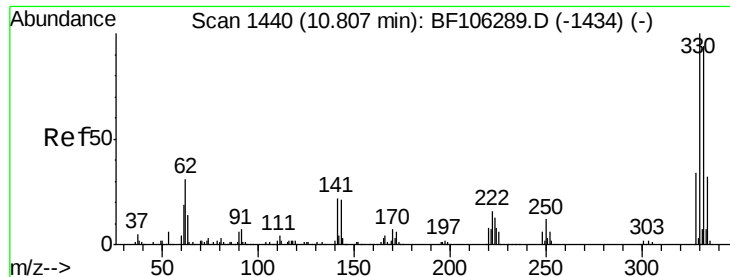
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion	164	Resp	174952
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	47.3	38.3	57.5



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

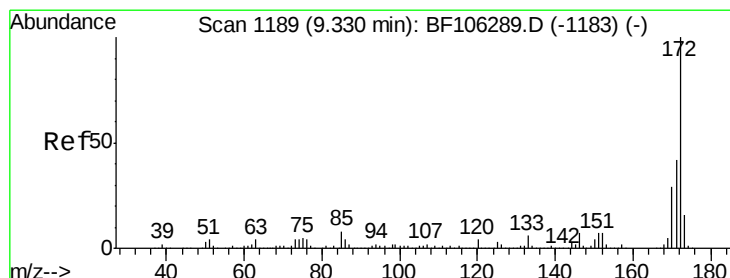
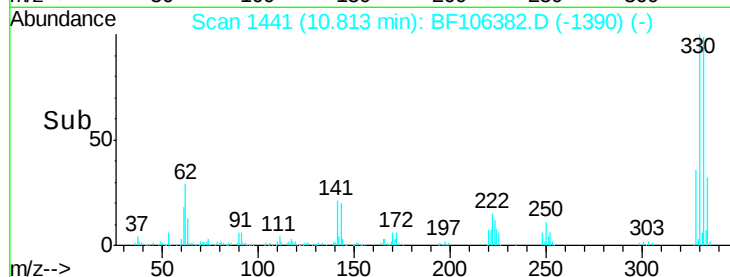
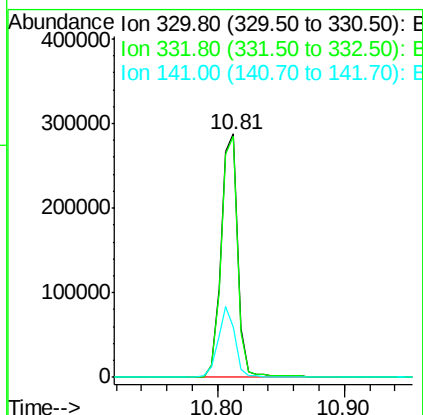
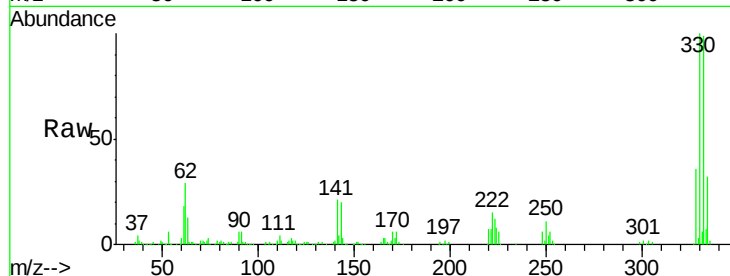




#41
 2,4,6-Tribromophenol
 Concen: 159.315 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF106382.D
 Acq: 13 Jun 2018 9:18

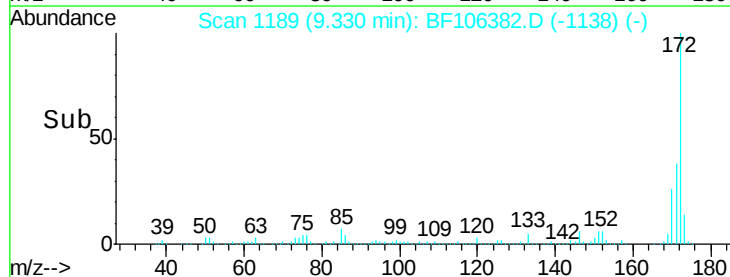
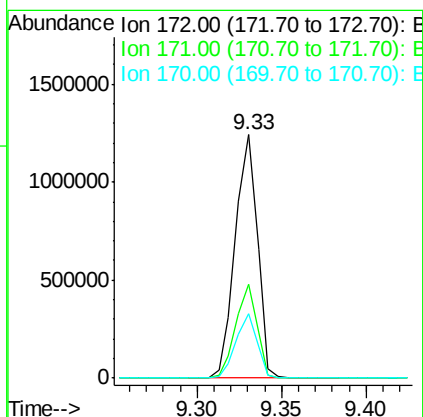
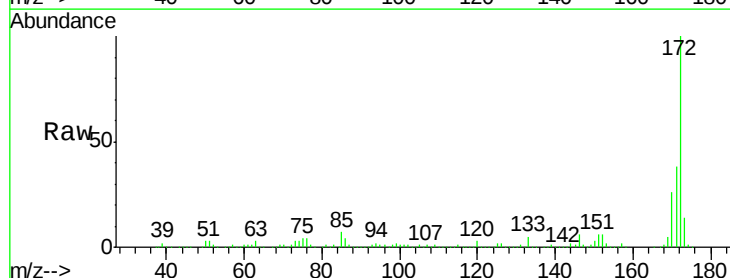
Instrument :
 BNA_F
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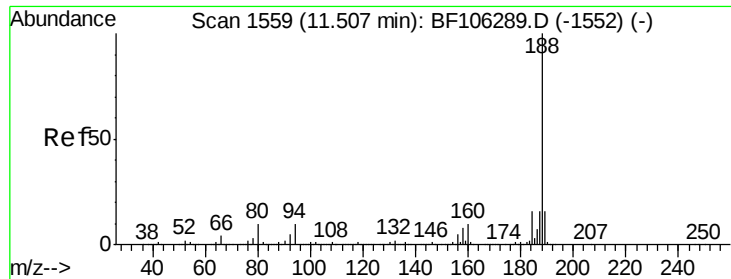
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	29.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 140.657 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF106382.D
 Acq: 13 Jun 2018 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	26.2	19.6	29.4

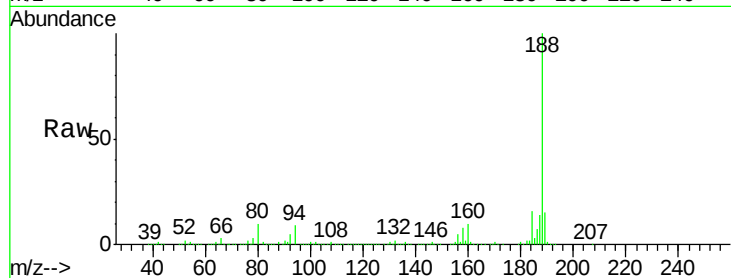




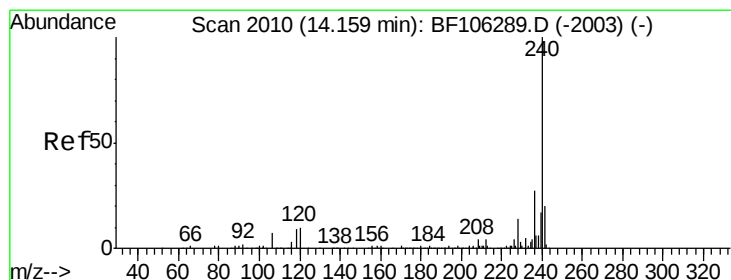
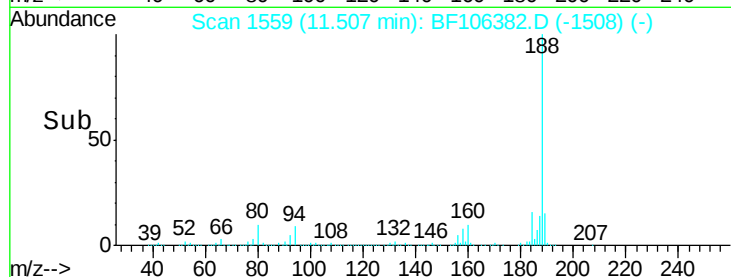
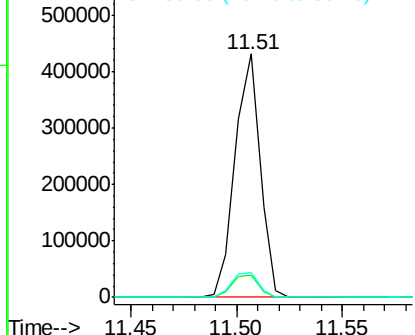
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Instrument :
BNA_F
ClientSampleId :
W-08

Tot Ion:188 Resp: 354566
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.2 9.2 13.8

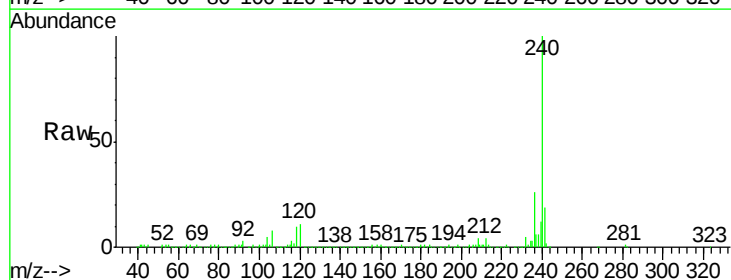


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

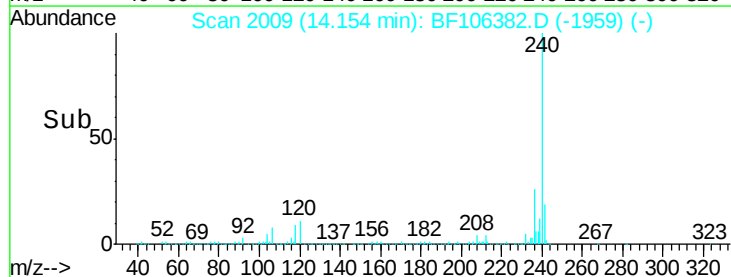
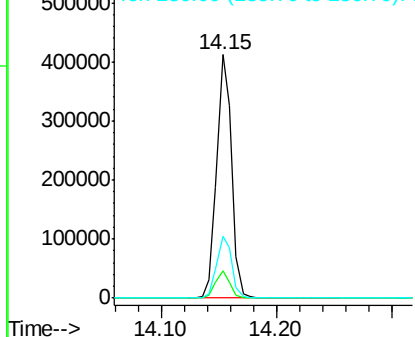


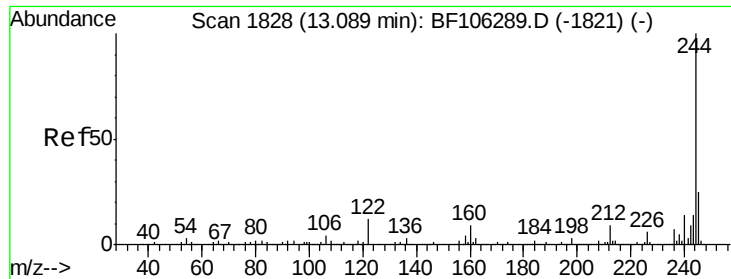
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106382.D
Acq: 13 Jun 2018 9:18

Tgt Ion:240 Resp: 369284
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.6 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

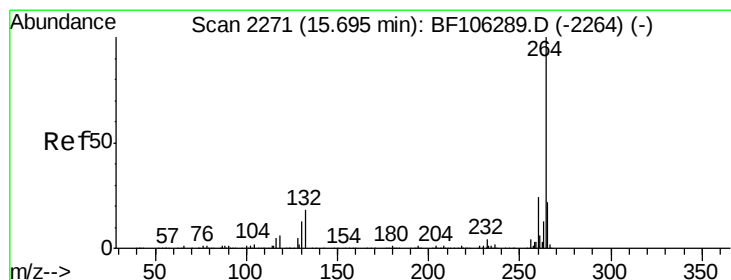
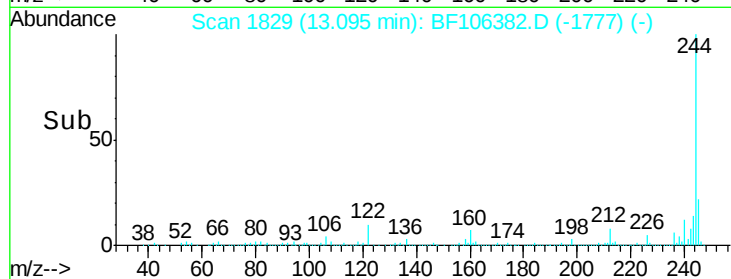
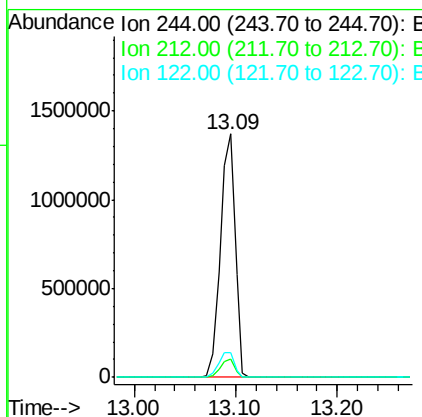
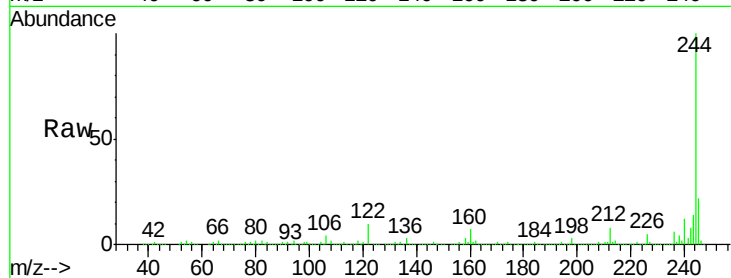




#78
 Terphenyl-d14
 Concen: 93.288 ng
 RT: 13.09 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF106382.D
 Acq: 13 Jun 2018 9:18

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1386993
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106382.D
 Acq: 13 Jun 2018 9:18

Tgt Ion:264 Resp: 261084
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.5 26.3

