

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108336.D
 Acq On : 21 Aug 2018 13:57
 Operator : JU/SJ
 Sample : J4521-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11990

Quant Time: Aug 21 14:23:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	157409	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	594921	20.00	ng	-0.02
38) Acenaphthene-d10	10.05	164	307449	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	644091	20.00	ng	-0.02
75) Chrysene-d12	14.20	240	514966	20.00	ng	-0.02
86) Perylene-d12	15.75	264	344739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1111620	127.85	ng	0.02
7) Phenol-d6	6.63	99	1344052	116.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	1111844	104.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.85	330	529944	172.80	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	2009237	104.92	ng	-0.02
78) Terphenyl-d14	13.14	244	2433301	120.14	ng	-0.01

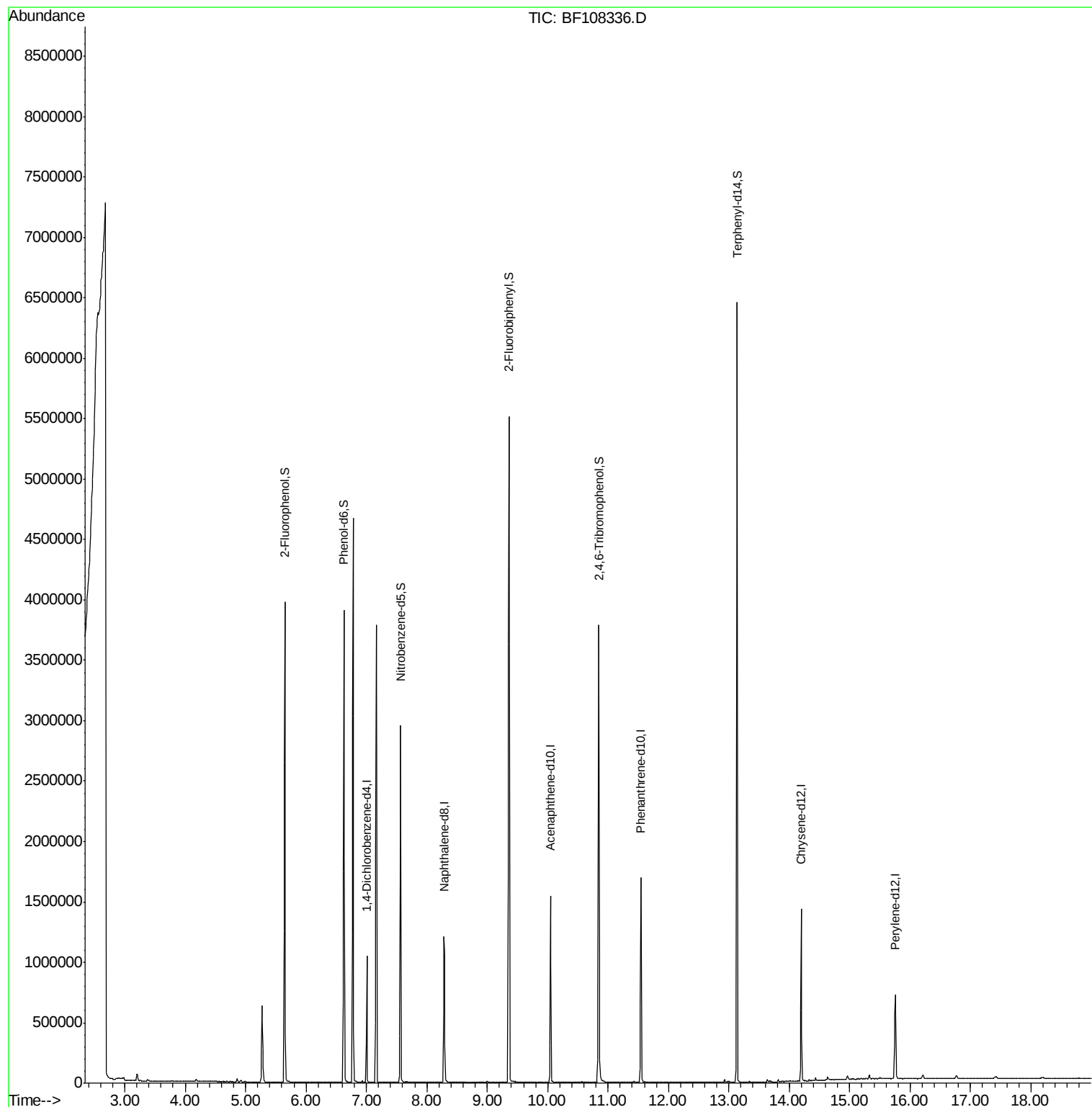
Target Compounds Qvalue

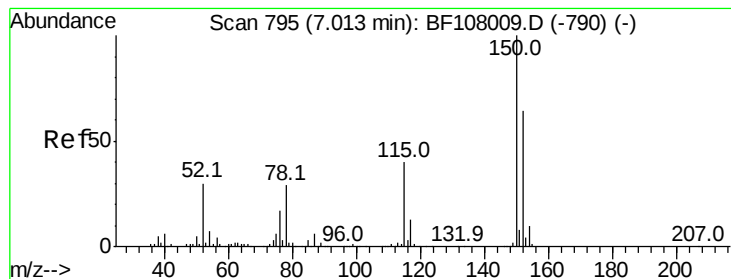
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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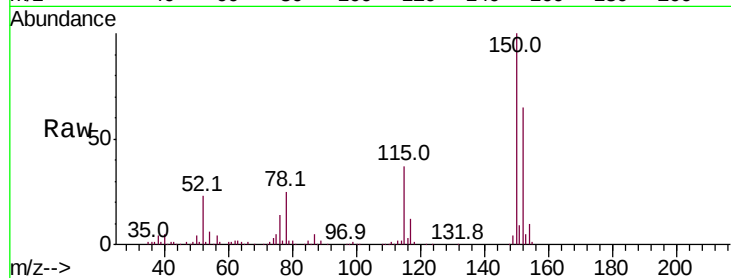


#1

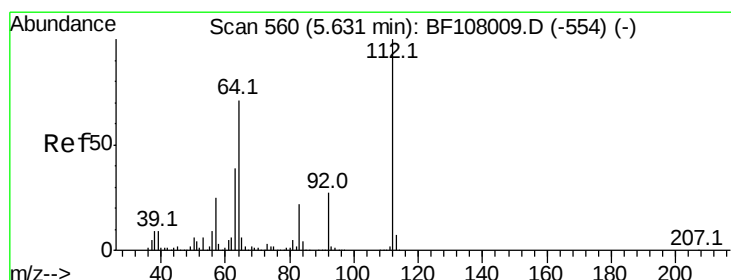
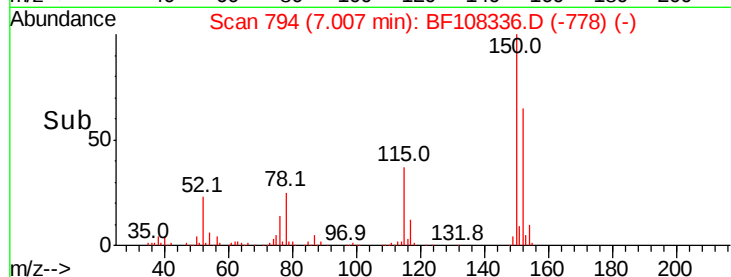
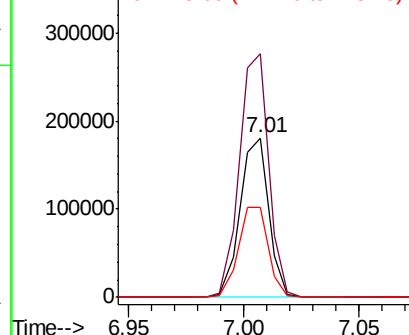
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108336.D
Acq: 21 Aug 2018 13:57

Instrument :
BNA_F
ClientSampleId :
72-11990

Tot Ion:152 Resp: 157409
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 56.1 50.1 75.1



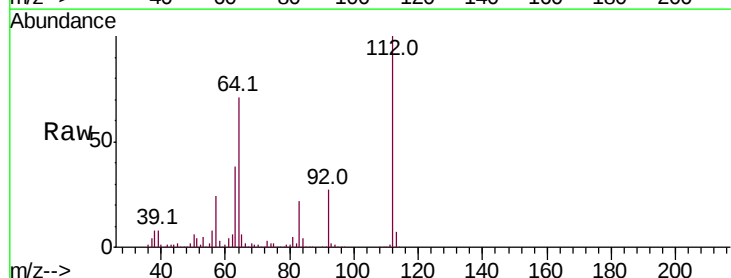
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



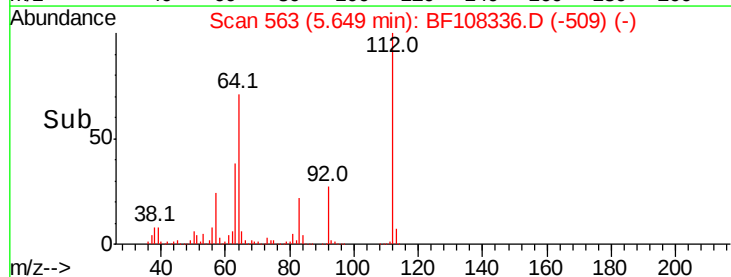
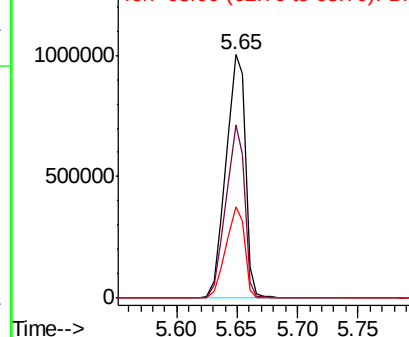
#5

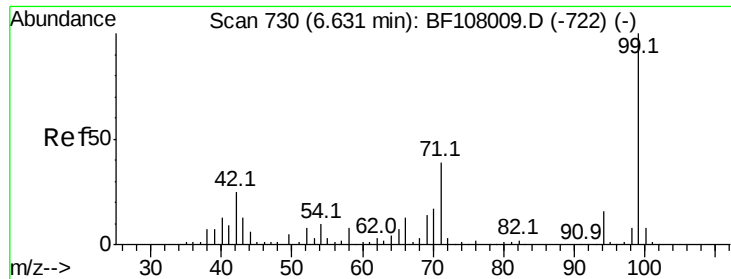
2-Fluorophenol
Concen: 127.854 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108336.D
Acq: 21 Aug 2018 13:57

Tgt Ion:112 Resp: 1111620
Ion Ratio Lower Upper
112 100
64 71.3 47.9 71.9
63 37.7 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: 116.330 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Instrument :

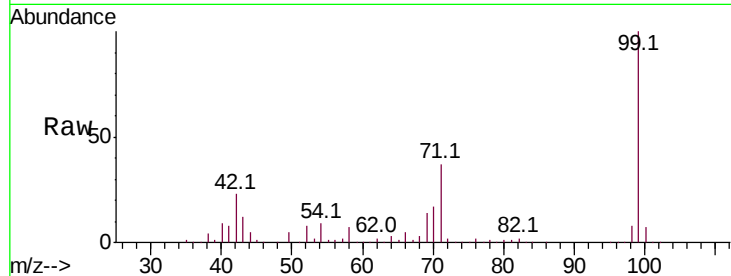
BNA_F

ClientSampleId :

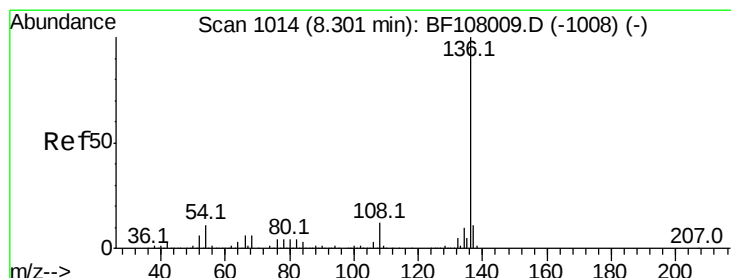
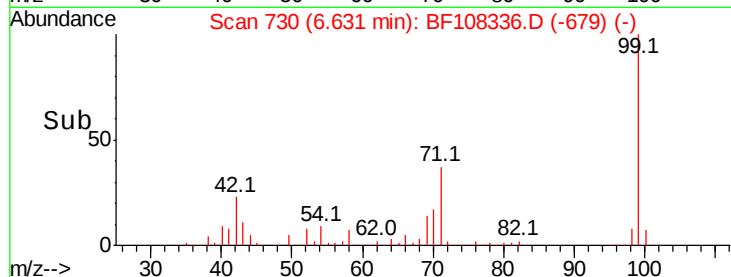
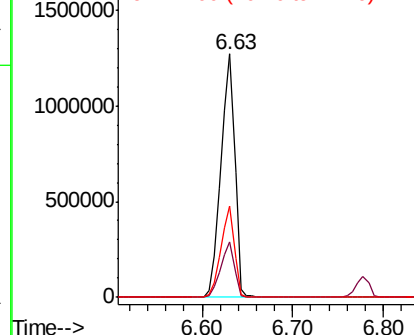
72-11990

Tot Ion: 99 Resp: 1344052

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.4	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: 8.28 min Scan# 1011

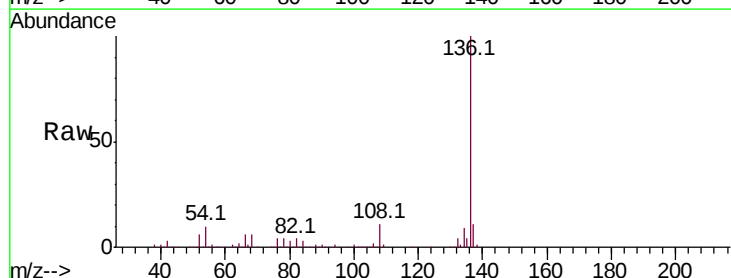
Delta R.T. -0.02 min

Lab File: BF108336.D

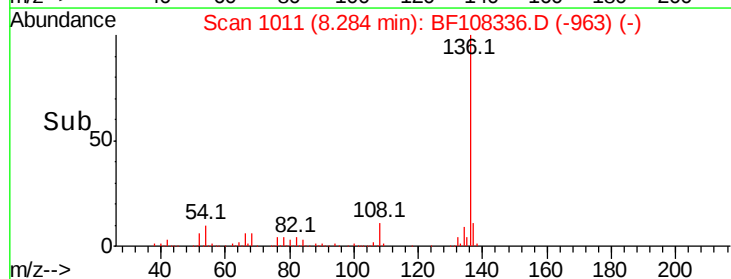
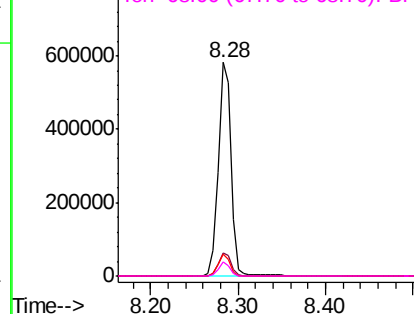
Acq: 21 Aug 2018 13:57

Tgt Ion: 136 Resp: 594921

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.3	6.6	9.8#
68	6.3	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

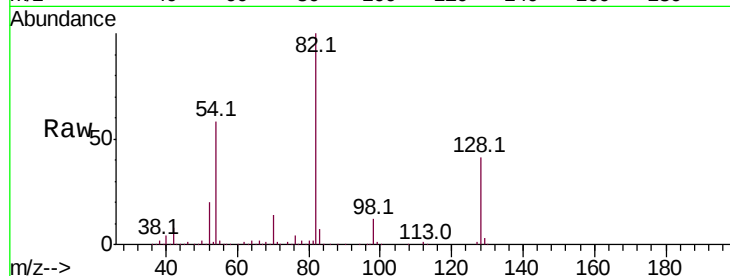




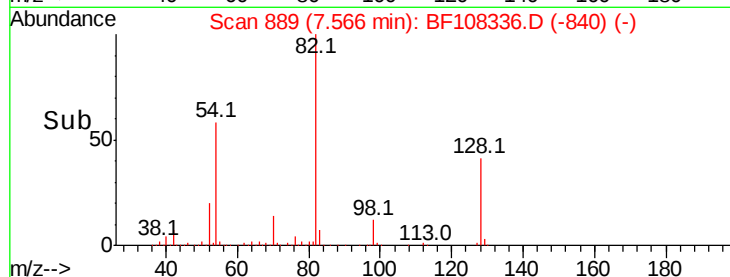
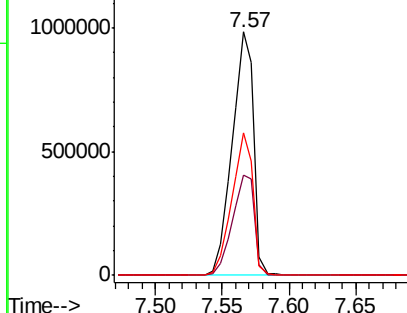
#23
 Nitrobenzene-d5
 Concen: 104.287 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11990

Tot Ion: 82 Resp: 1111844
 Ion Ratio Lower Upper
 82 100
 128 40.9 36.1 54.1
 54 58.4 41.4 62.2

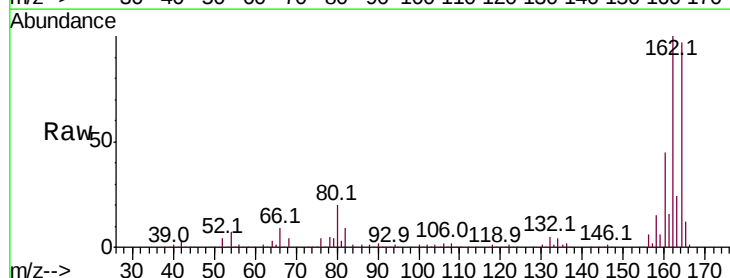


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

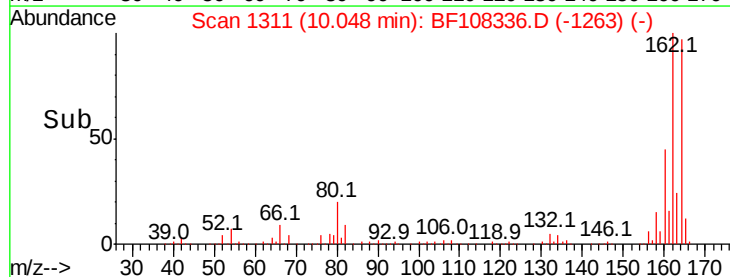
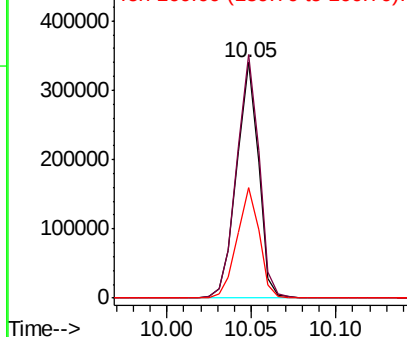


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion:164 Resp: 307449
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.8 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

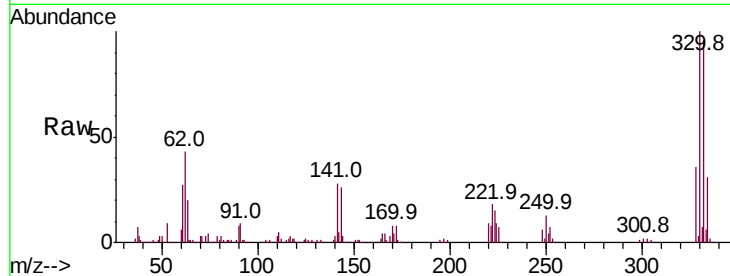




#41
 2,4,6-Tribromophenol
 Concen: 172.805 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Instrument :
 BNA_F
 ClientSampled :
 72-11990

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.8	29.9	44.9

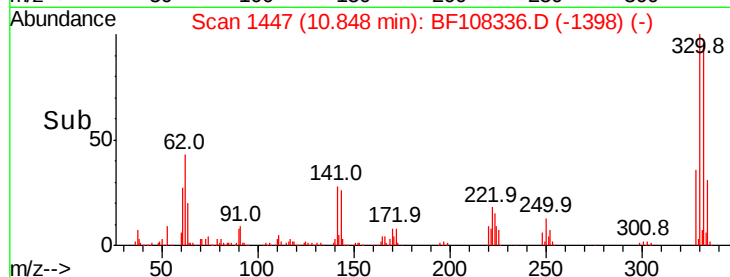
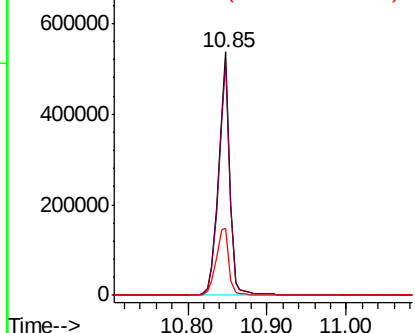


Abundance

Ion 329.80 (329.50 to 330.50): E

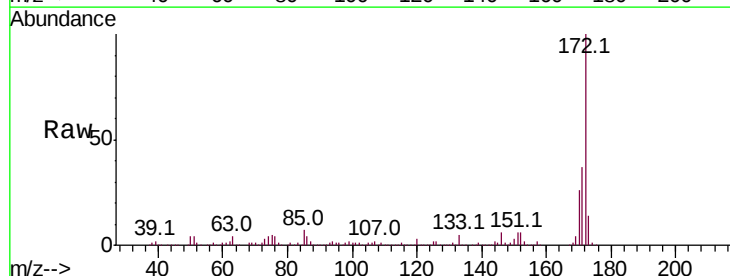
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.920 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.5	19.6	29.4

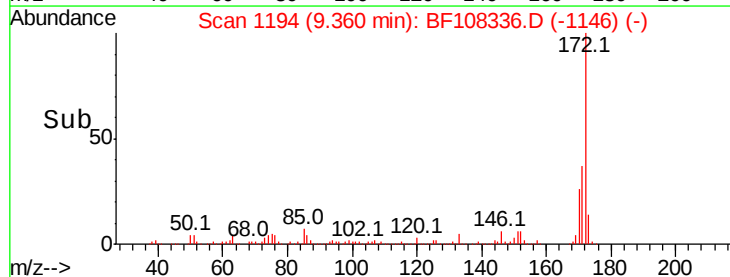
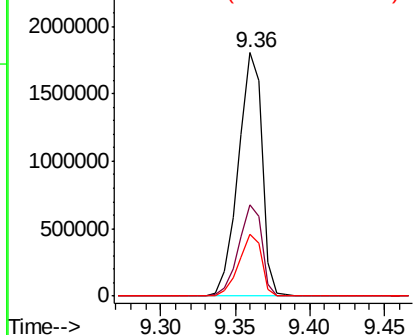


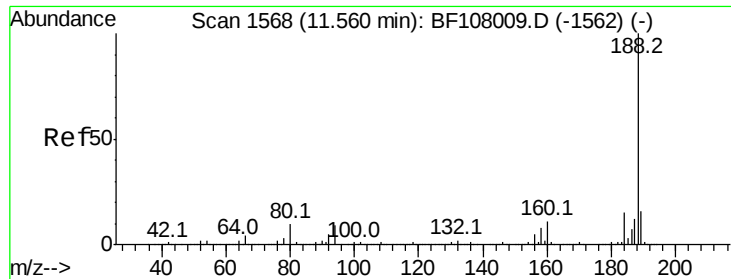
Abundance

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

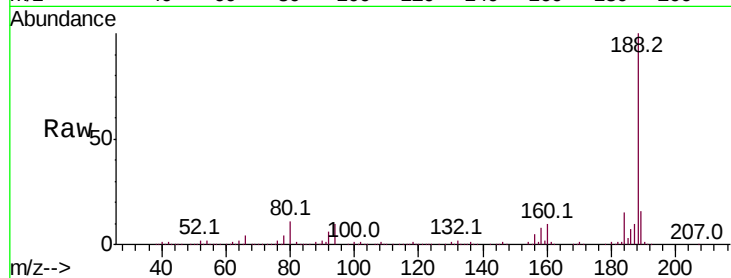




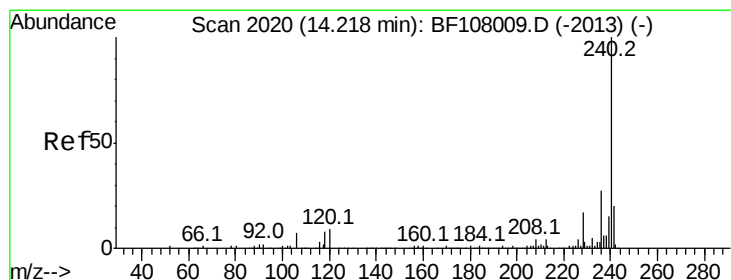
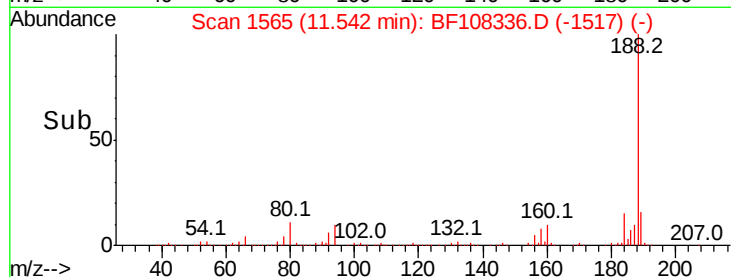
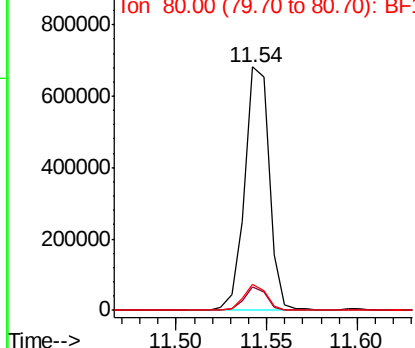
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF108336.D
Acq: 21 Aug 2018 13:57

Instrument :
BNA_F
ClientSampleId :
72-11990

Tot Ion:188 Resp: 644091
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.9 9.2 13.8

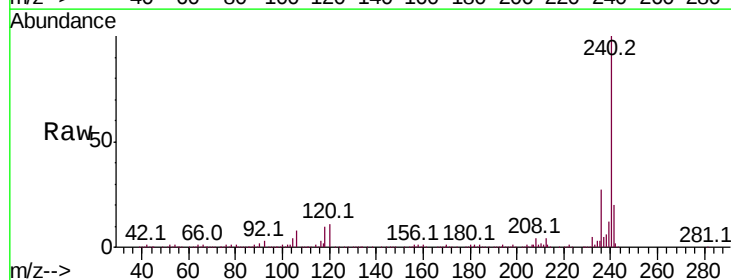


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

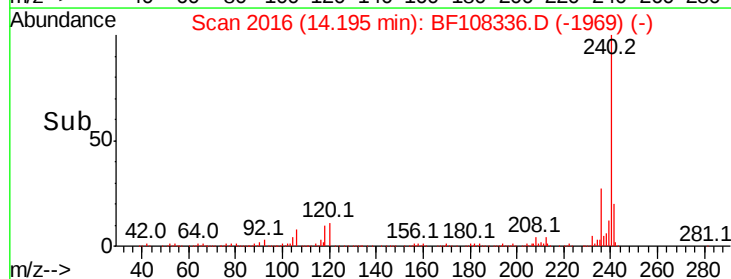
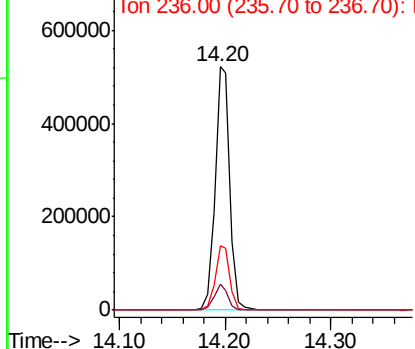


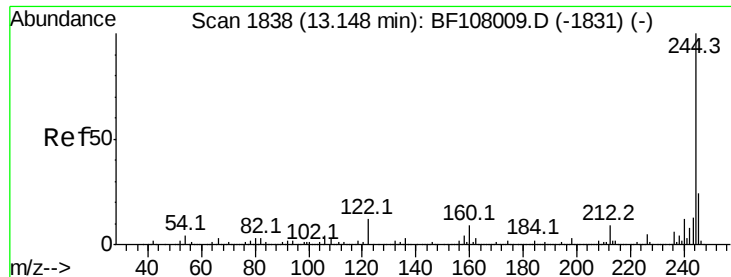
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF108336.D
Acq: 21 Aug 2018 13:57

Tgt Ion:240 Resp: 514966
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.5 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: 120.141 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Instrument :

BNA_F

ClientSampleId :

72-11990

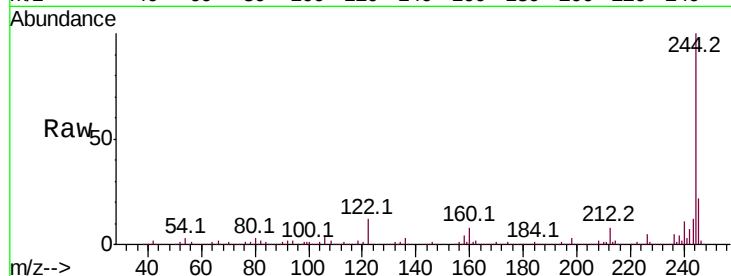
Tot Ion:244 Resp: 2433301

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

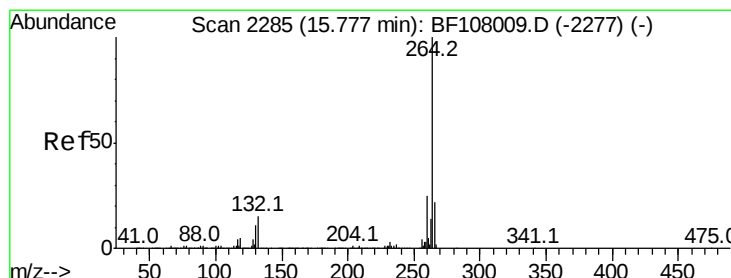
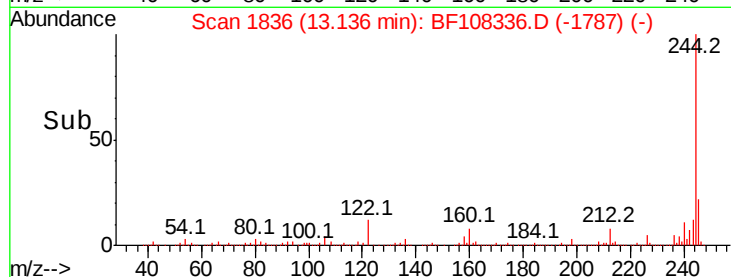
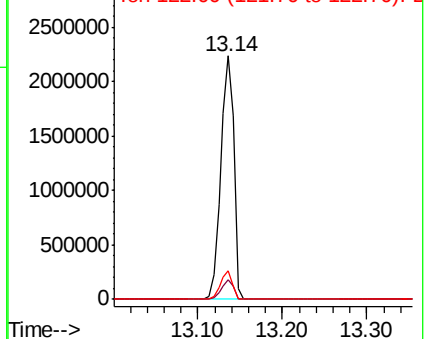
122 11.9 11.0 16.4



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: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

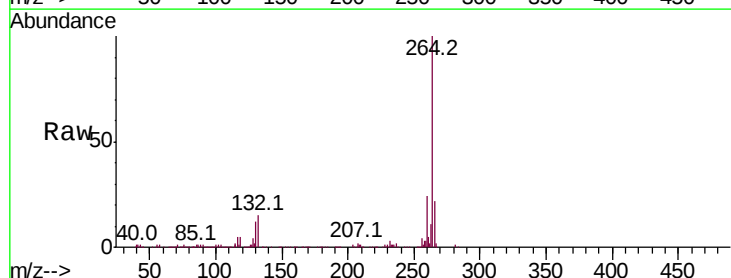
Tgt Ion:264 Resp: 344739

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 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

