

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108422.D
 Acq On : 23 Aug 2018 12:47
 Operator : JU/SJ
 Sample : PB112242BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BL

Quant Time: Aug 23 13:14:39 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	157281	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	594865	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	310927	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	641465	20.00	ng	0.00
75) Chrysene-d12	14.19	240	413238	20.00	ng	0.00
86) Perylene-d12	15.75	264	302105	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1002020	115.34	ng	0.00
7) Phenol-d6	6.62	99	1345584	116.56	ng	0.00
23) Nitrobenzene-d5	7.57	82	915328	85.86	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	424344	136.82	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1772184	91.51	ng	0.00
78) Terphenyl-d14	13.13	244	1915253	117.84	ng	0.00

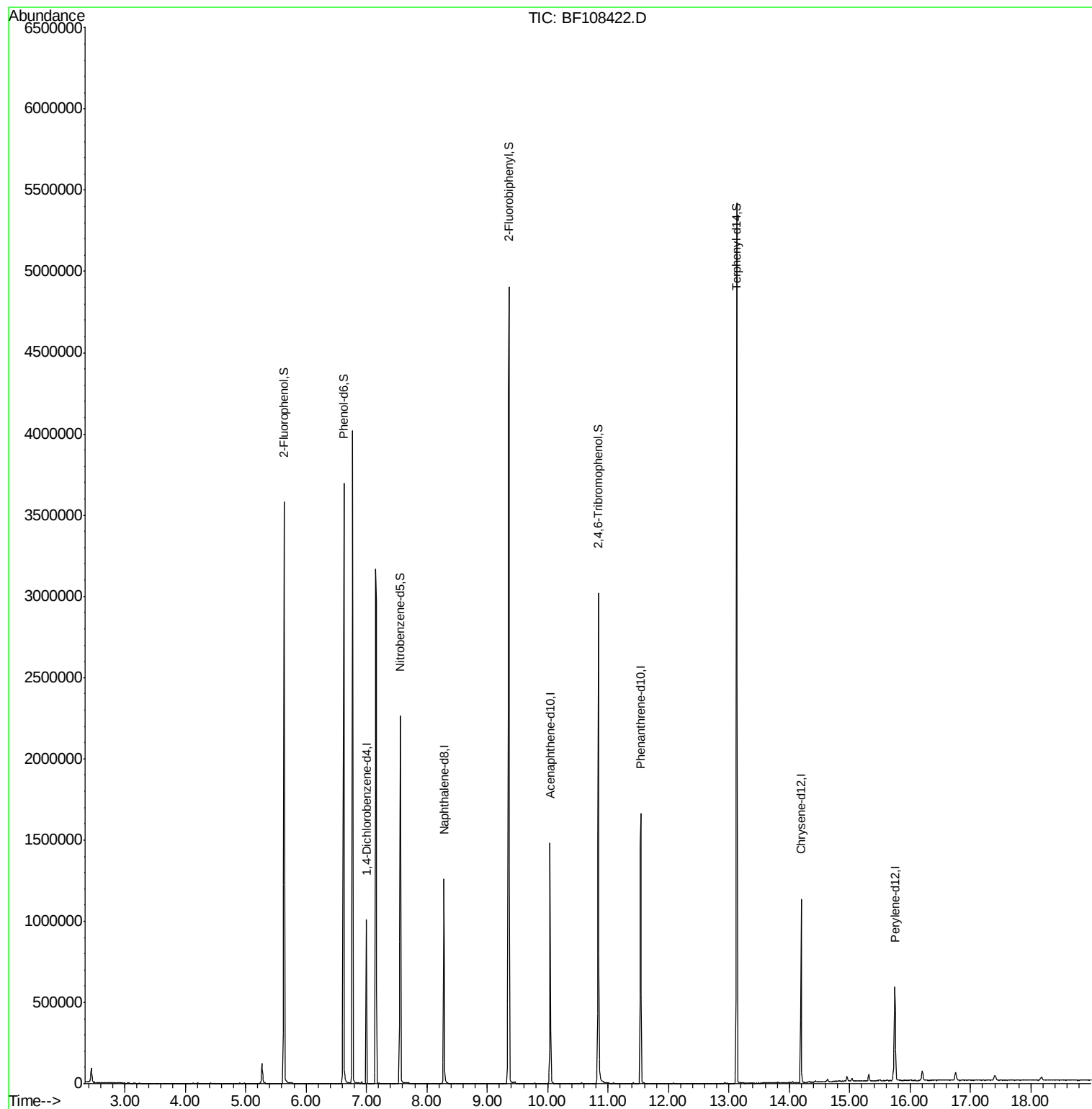
Target Compounds Qvalue

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

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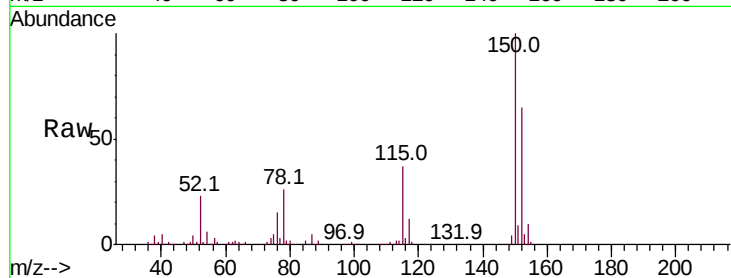


#1

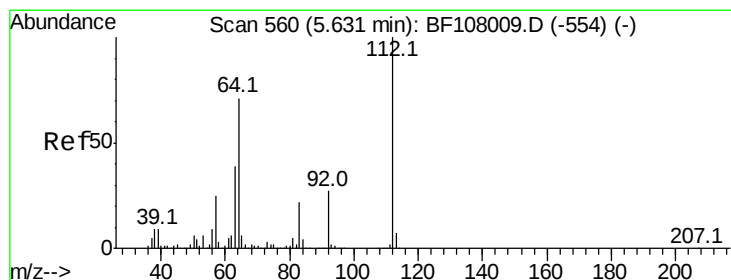
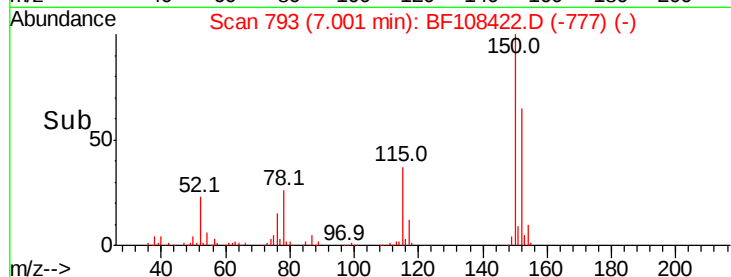
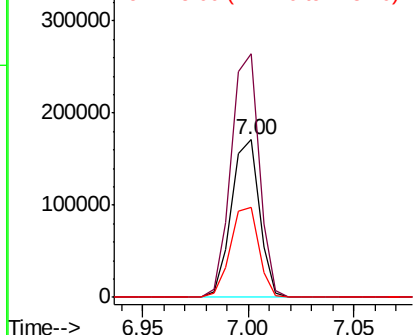
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :
PB112242BL

Tot Ion:152 Resp: 157281
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 57.5 50.1 75.1



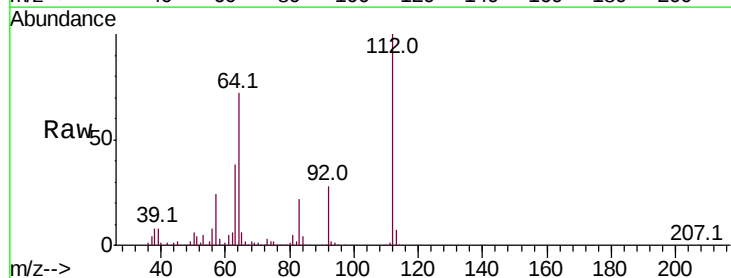
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



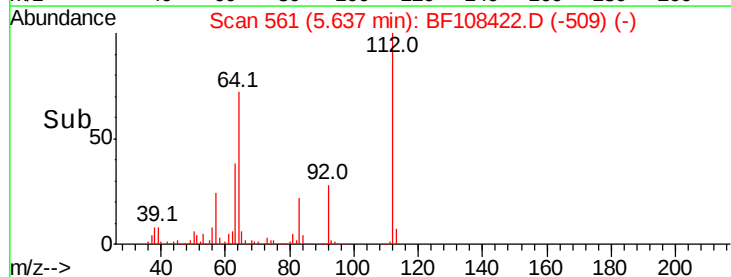
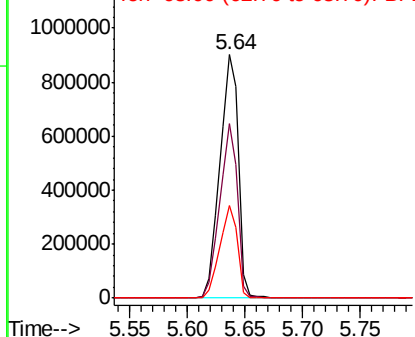
#5

2-Fluorophenol
Concen: 115.342 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:112 Resp: 1002020
Ion Ratio Lower Upper
112 100
64 71.6 47.9 71.9
63 37.8 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: 116.558 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108422.D

Acq: 23 Aug 2018 12:47

Instrument :

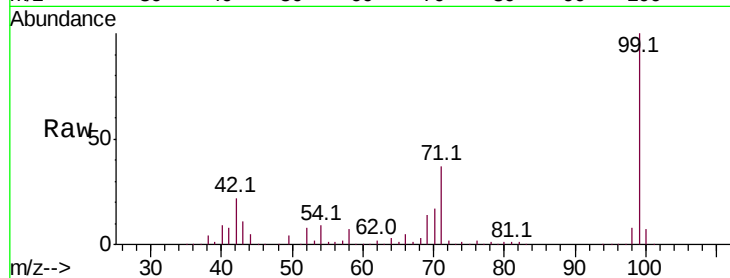
BNA_F

ClientSampleId :

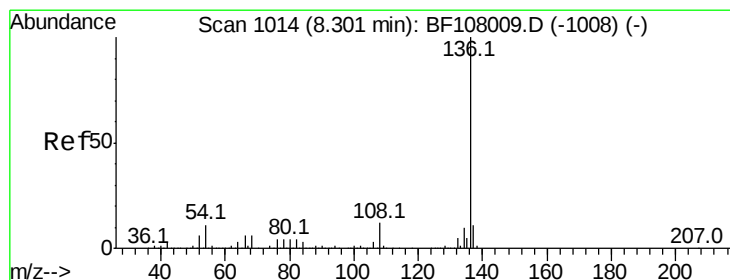
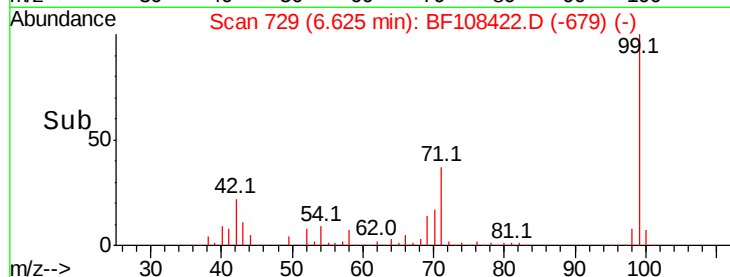
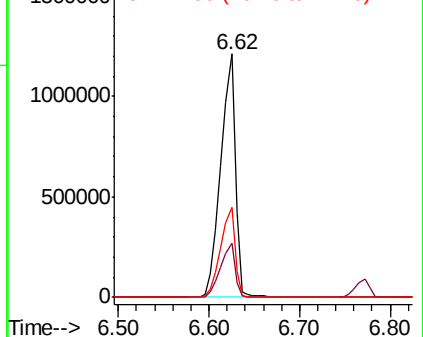
PB112242BL

Tot Ion: 99 Resp: 1345584

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	36.9	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: 8.28 min Scan# 1011

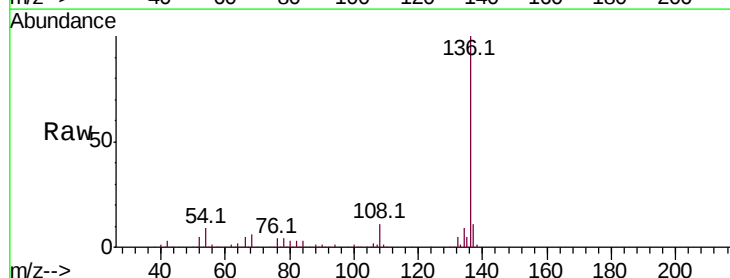
Delta R.T. -0.01 min

Lab File: BF108422.D

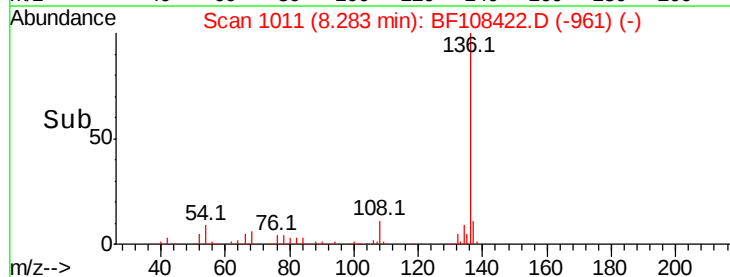
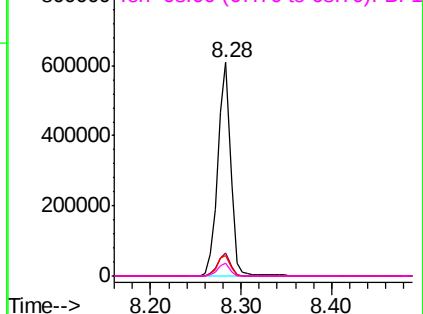
Acq: 23 Aug 2018 12:47

Tgt Ion: 136 Resp: 594865

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	5.8	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

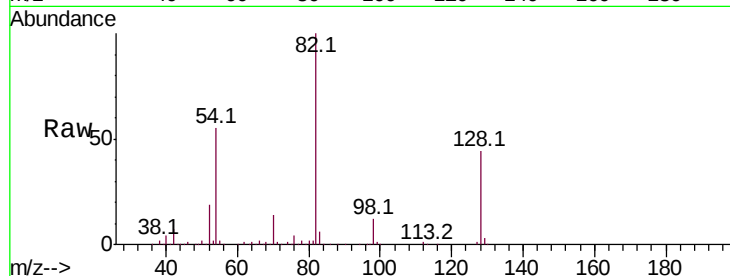




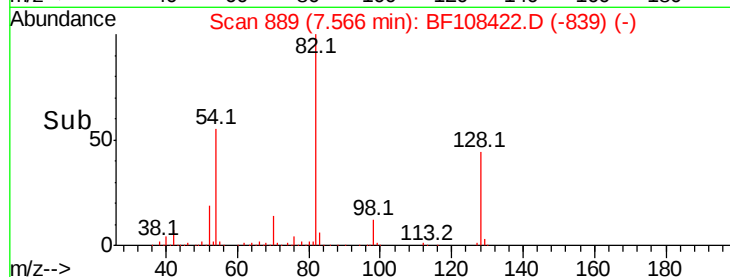
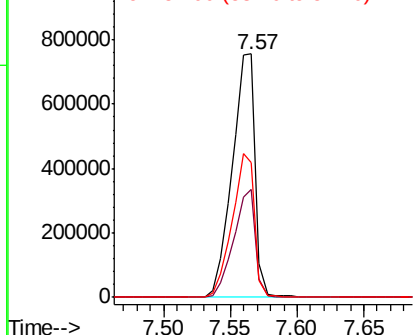
#23
Nitrobenzene-d5
Concen: 85.863 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :
PB112242BL

Tot Ion: 82 Resp: 915328
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 55.3 41.4 62.2

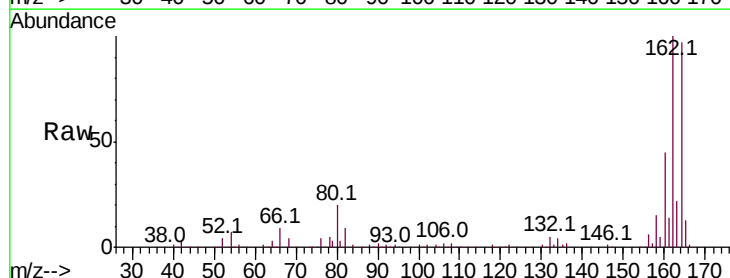


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

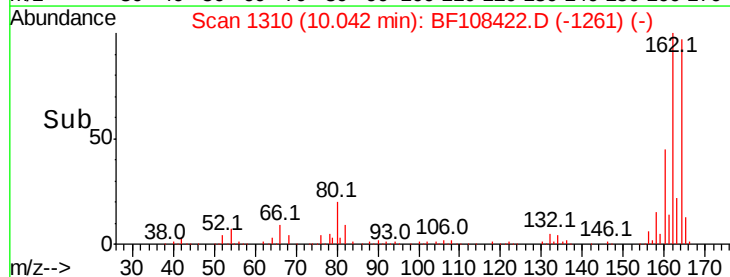
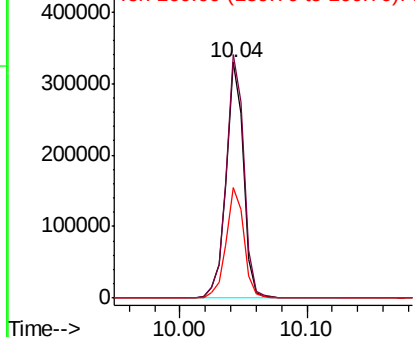


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:164 Resp: 310927
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.9 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

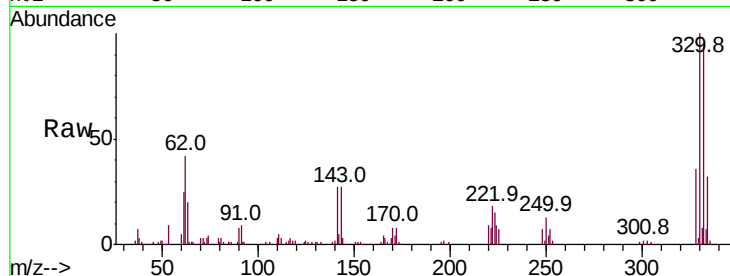




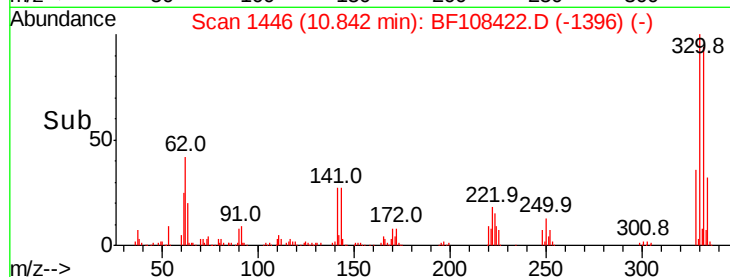
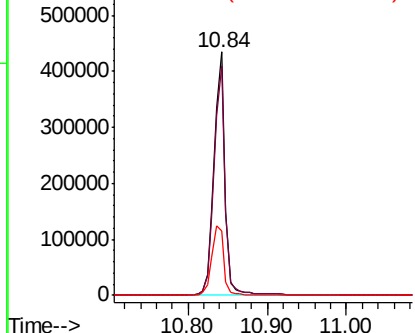
#41
 2,4,6-Tribromophenol
 Concen: 136.823 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BL

Tot Ion:330 Resp: 424344
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 31.5 29.9 44.9

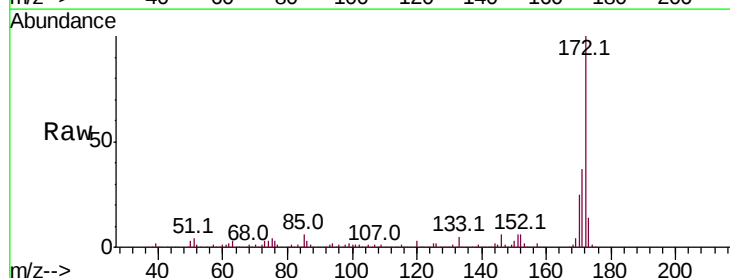


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

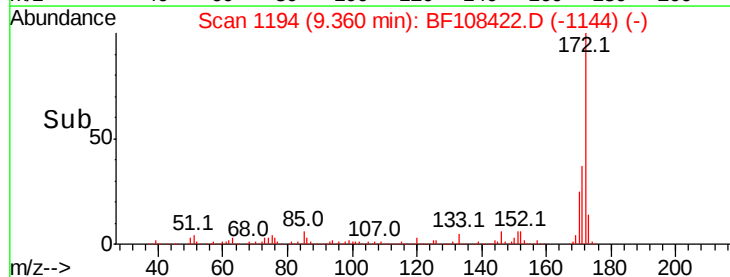
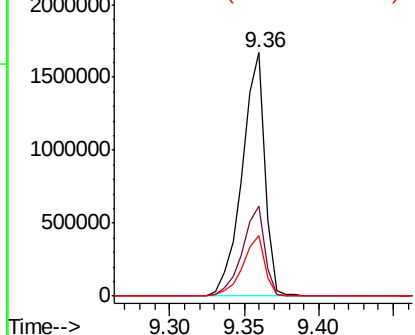


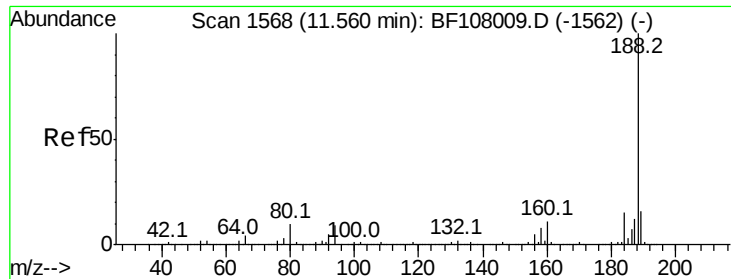
#44
 2-Fluorobiphenyl
 Concen: 91.507 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Tgt Ion:172 Resp: 1772184
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.9 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

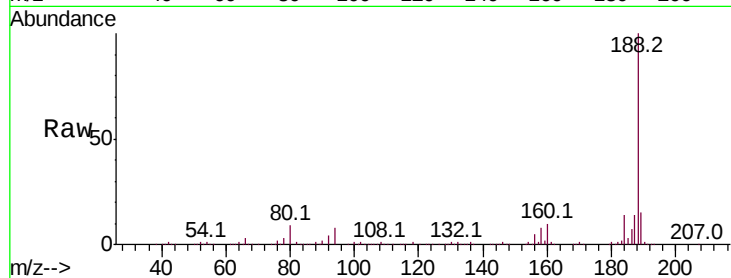




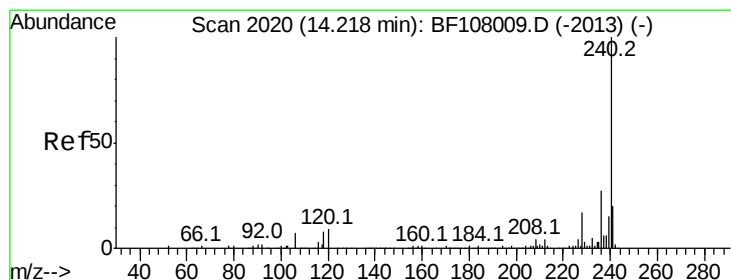
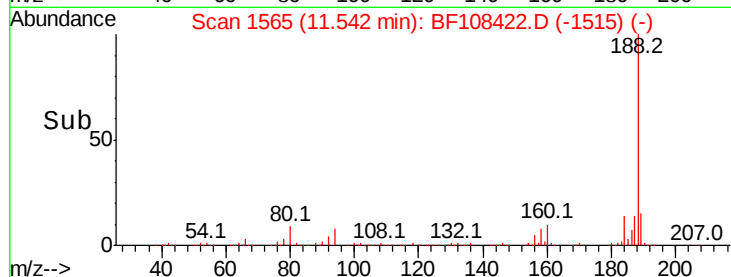
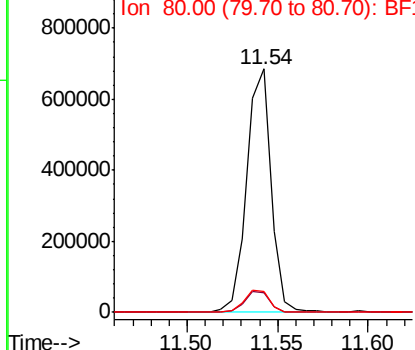
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Instrument :
BNA_F
ClientSampleId :
PB112242BL

Tot Ion:188 Resp: 641465
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.8 9.2 13.8#

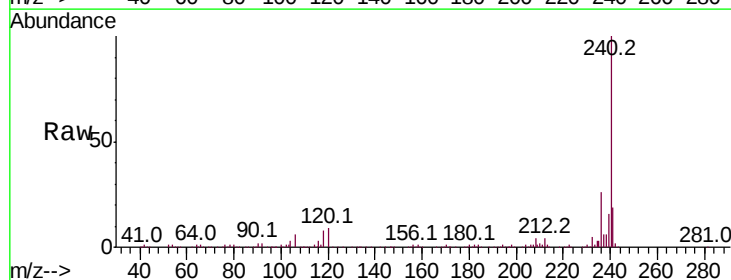


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

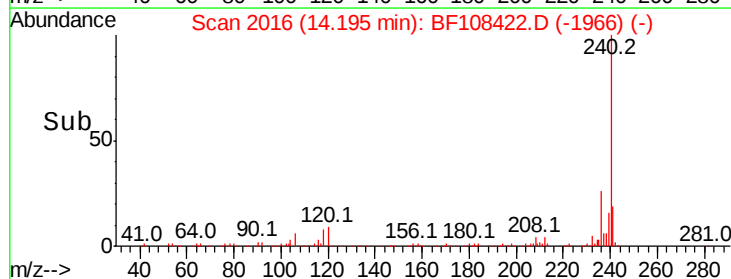
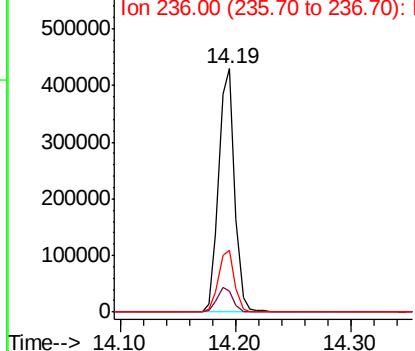


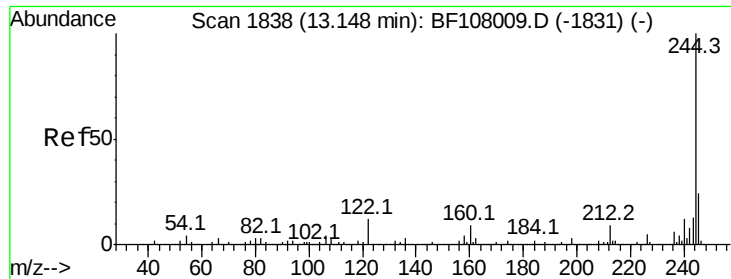
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108422.D
Acq: 23 Aug 2018 12:47

Tgt Ion:240 Resp: 413238
Ion Ratio Lower Upper
240 100
120 8.8 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

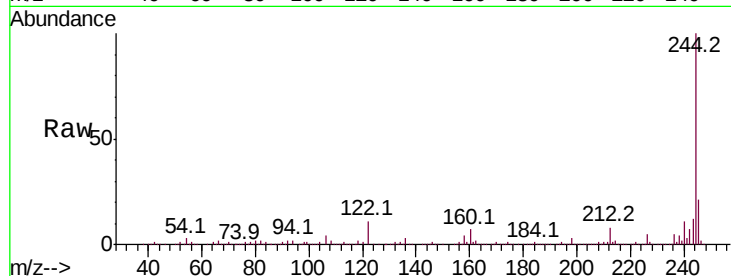




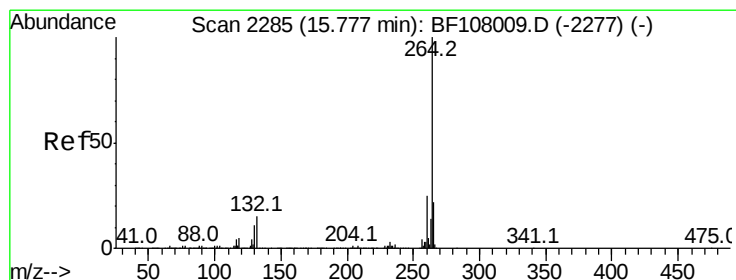
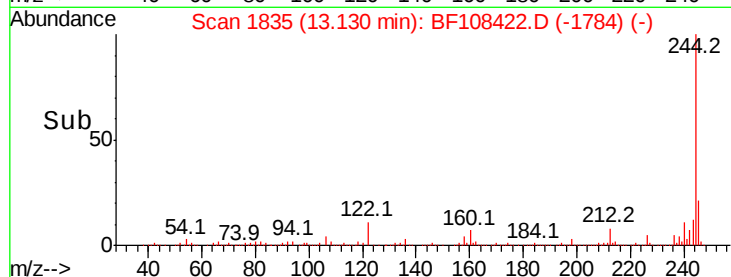
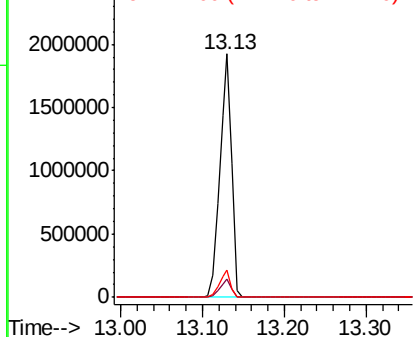
#78
 Terphenyl-d14
 Concen: 117.842 ng
 RT: 13.13 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB112242BL

Tot Ion:244 Resp: 1915253
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 11.1 11.0 16.4

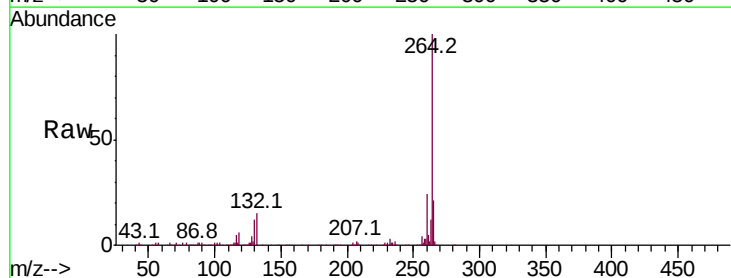


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108422.D
 Acq: 23 Aug 2018 12:47

Tgt Ion:264 Resp: 302105
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.7 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

