

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108179.D
 Acq On : 15 Aug 2018 21:34
 Operator : JU/SJ
 Sample : J4460-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Quant Time: Aug 16 03:50:18 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

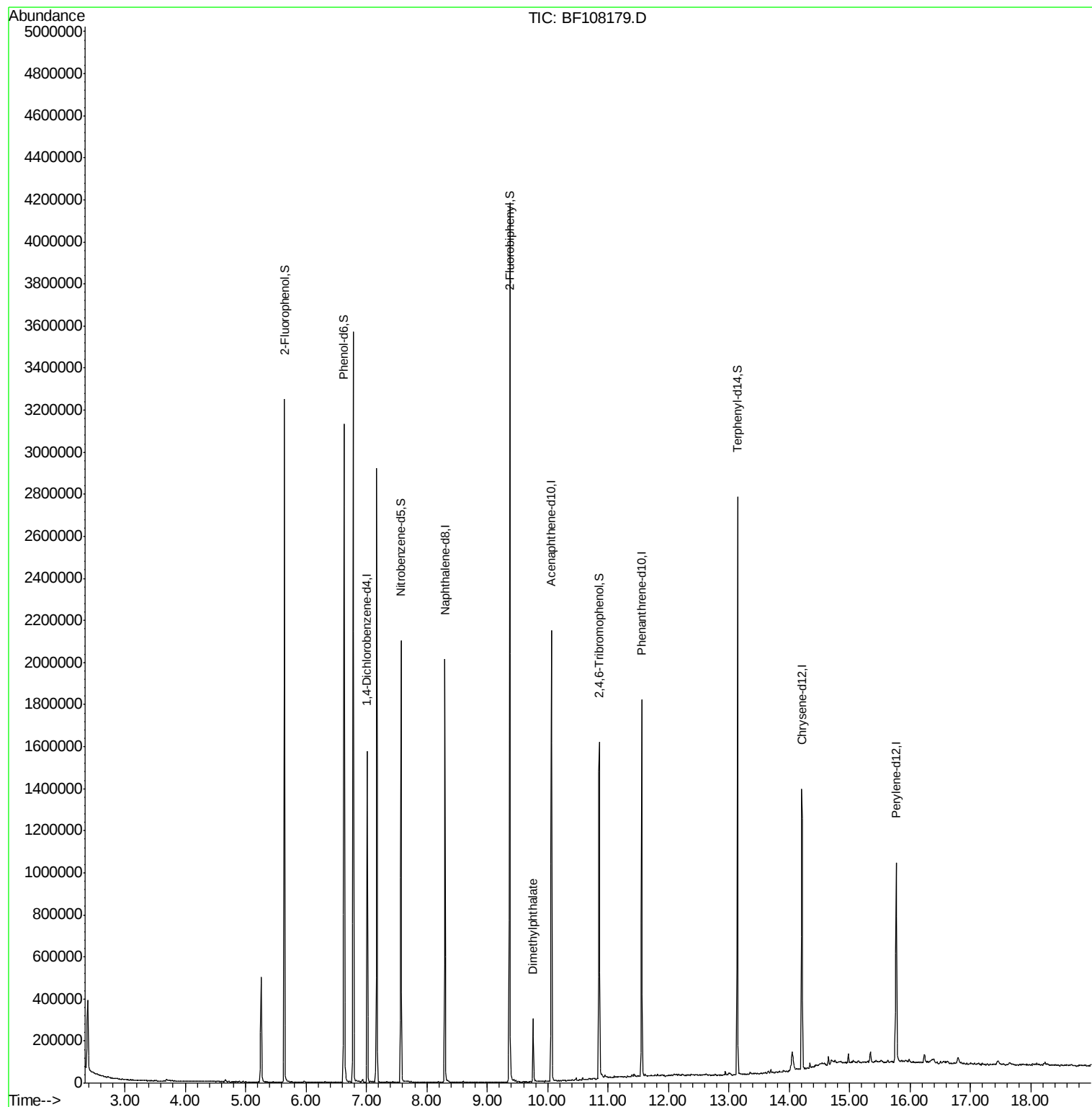
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	224561	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	861580	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	415482	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	662219	20.00	ng	0.00
75) Chrysene-d12	14.21	240	475887	20.00	ng	-0.01
86) Perylene-d12	15.77	264	476508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	784328	63.23	ng	0.01
7) Phenol-d6	6.63	99	1056759	64.11	ng	0.00
23) Nitrobenzene-d5	7.58	82	689122	44.63	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	195751	47.23	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1233998	47.68	ng	0.00
78) Terphenyl-d14	13.14	244	860510	45.98	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.76	163	121086	4.184	ng	99

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

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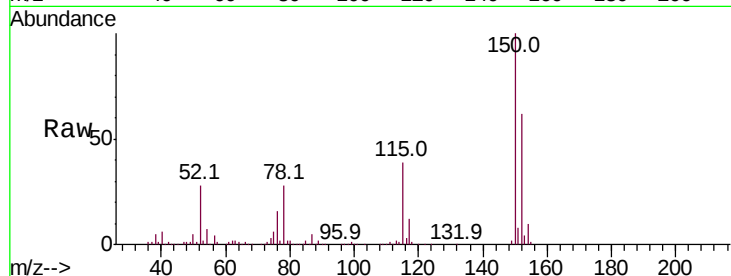


#1

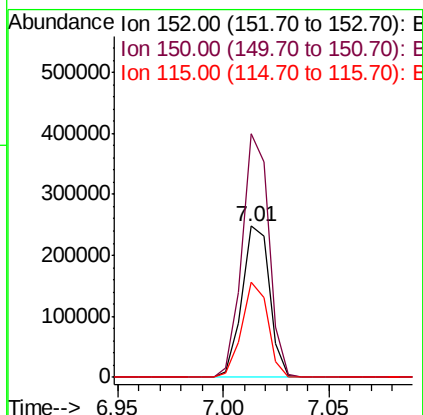
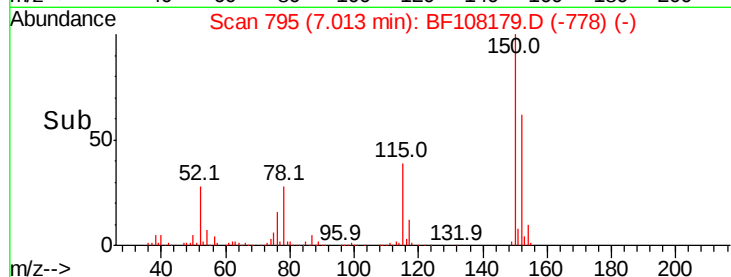
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	62.9	50.1	75.1



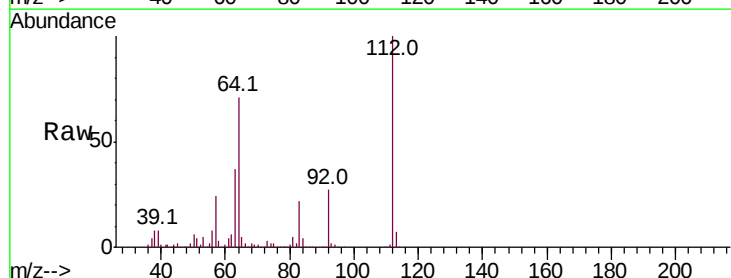
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



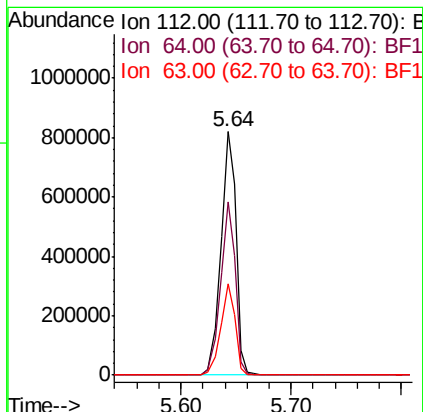
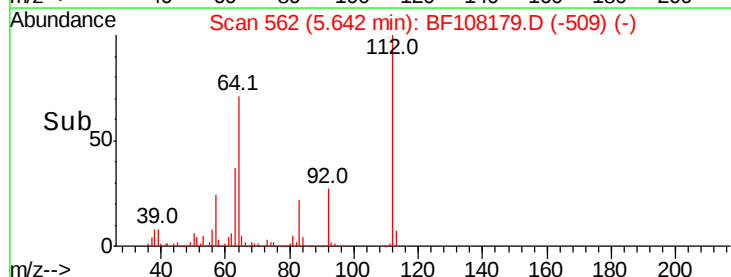
#5

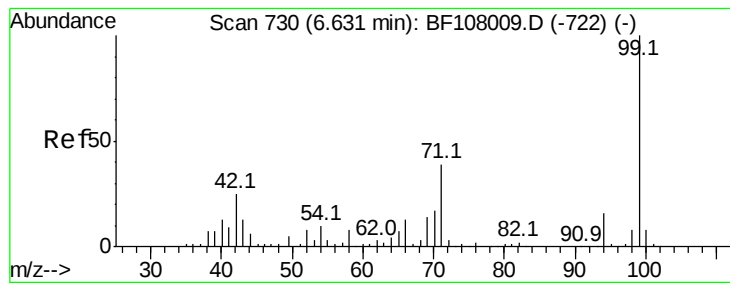
2-Fluorophenol
Concen: 63.234 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108179.D
Acq: 15 Aug 2018 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	47.9	71.9
63	37.5	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: 64.113 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Instrument :

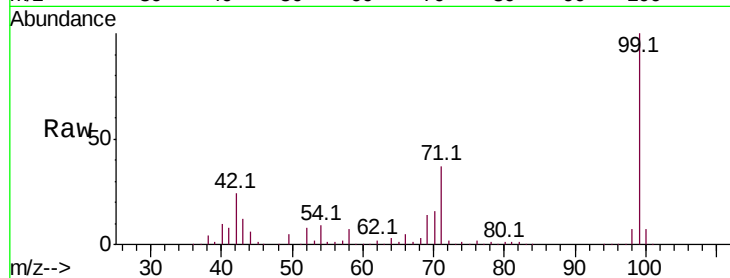
BNA_F

ClientSampleId :

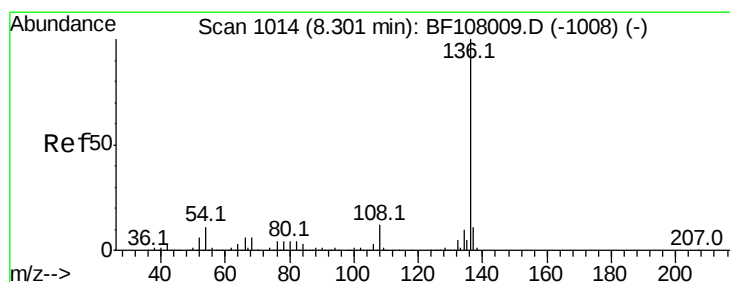
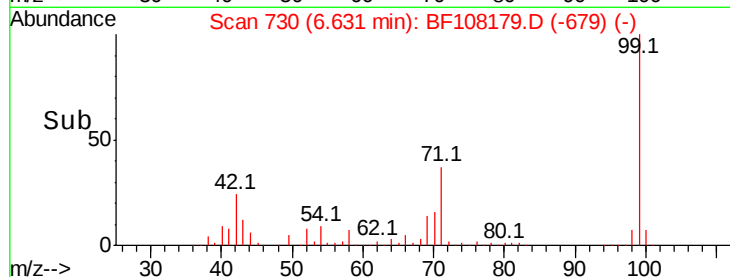
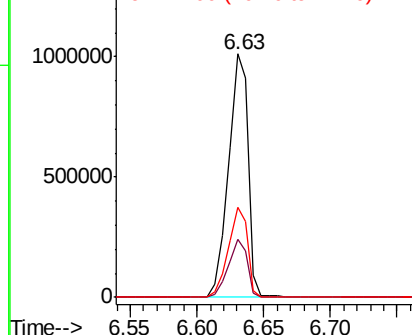
RA-080918-FL-001

Tot Ion: 99 Resp: 1056759

Ion	Ratio	Lower	Upper
99	100		
42	24.1	14.5	21.7#
71	37.0	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: 8.30 min Scan# 1014

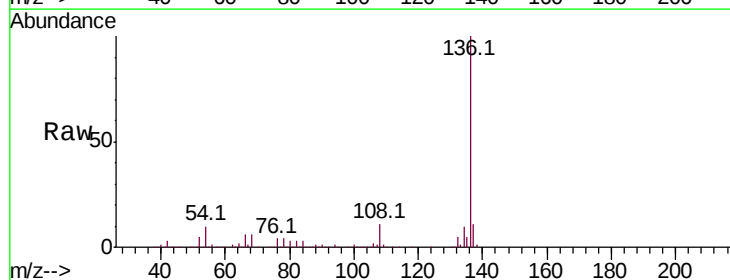
Delta R.T. 0.00 min

Lab File: BF108179.D

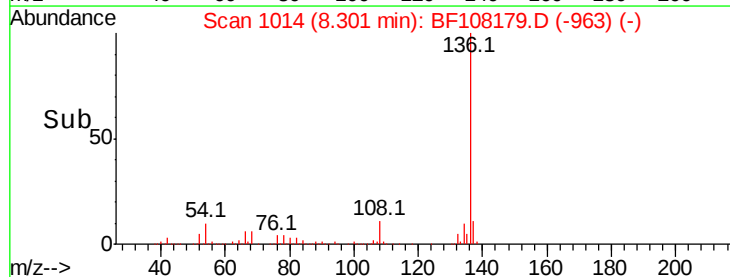
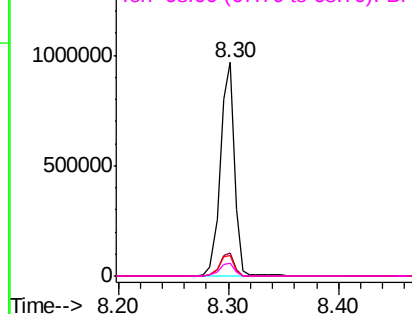
Acq: 15 Aug 2018 21:34

Tgt Ion: 136 Resp: 861580

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	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

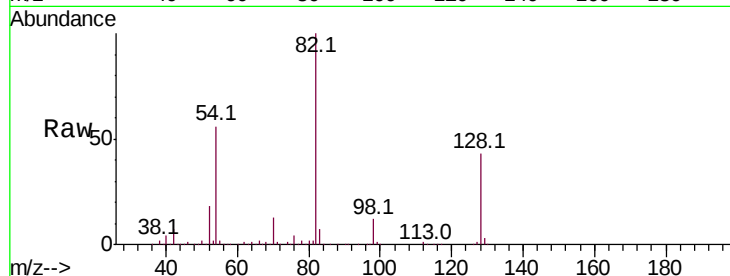




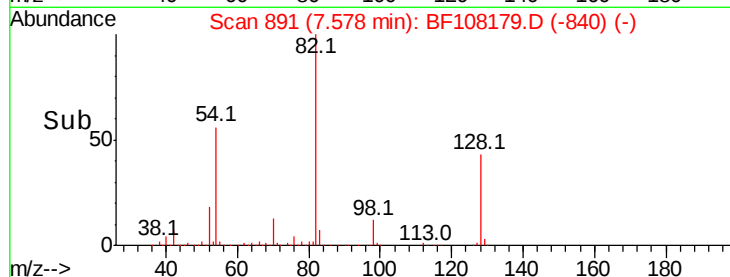
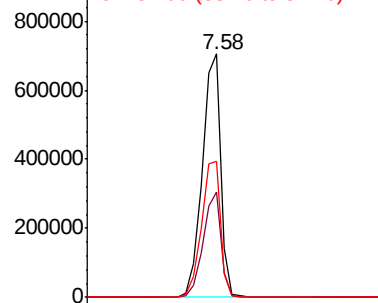
#23
 Nitrobenzene-d5
 Concen: 44.632 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Tot Ion: 82 Resp: 689122
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 56.0 41.4 62.2

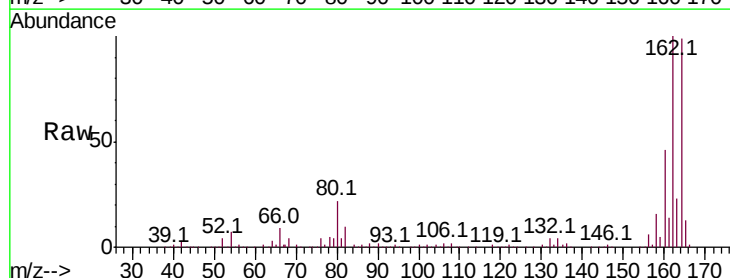


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

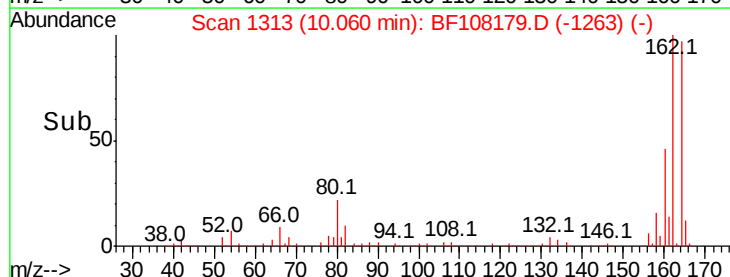
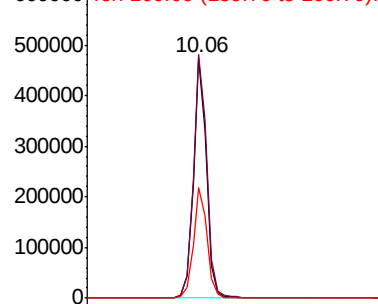


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Tgt Ion: 164 Resp: 415482
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 46.2 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

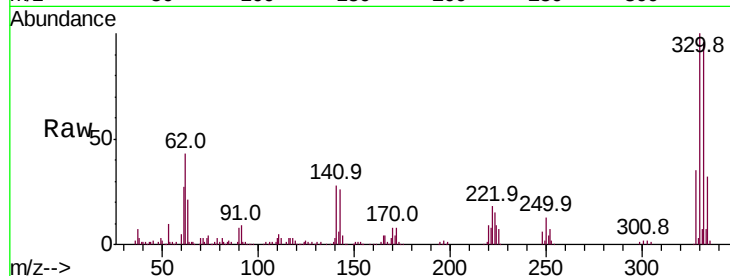




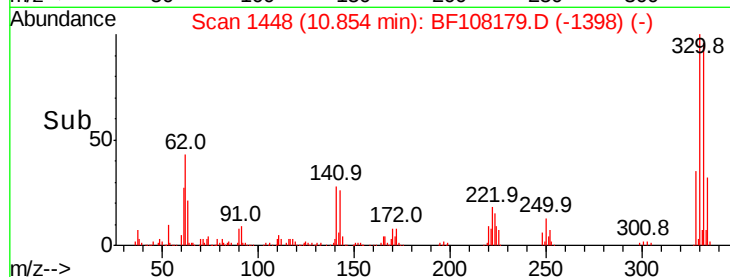
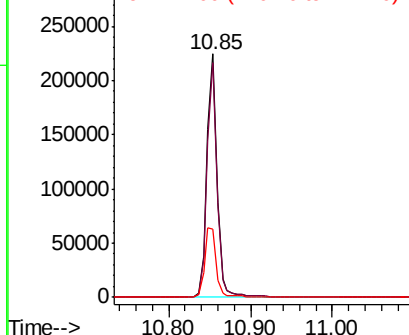
#41
 2,4,6-Tribromophenol
 Concen: 47.233 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Tot Ion:330 Resp: 195751
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 32.4 29.9 44.9

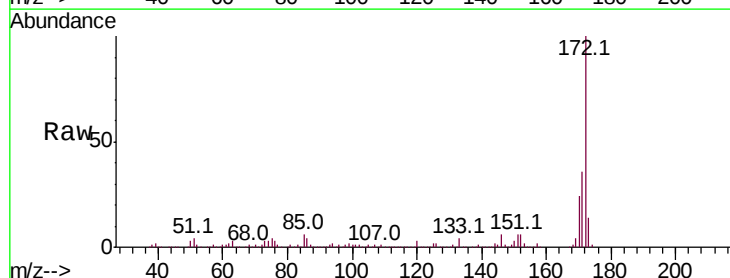


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

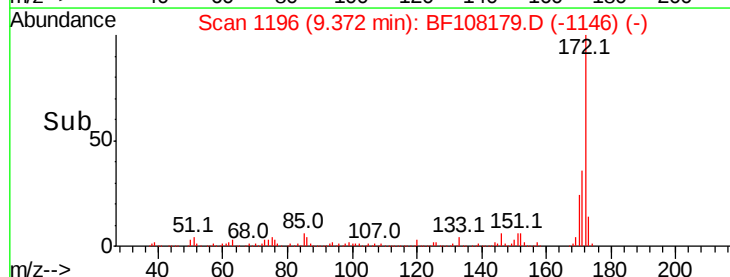
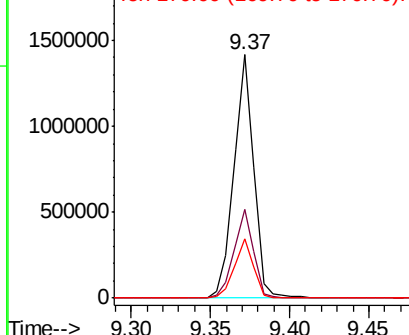


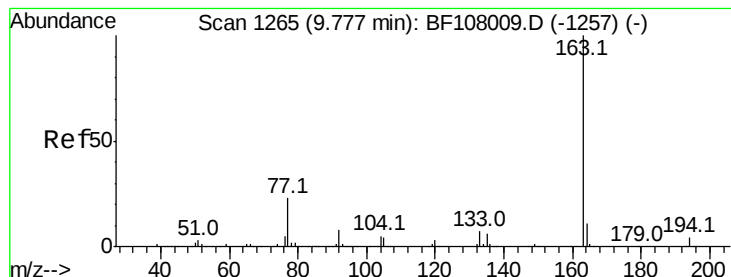
#44
 2-Fluorobiphenyl
 Concen: 47.683 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Tgt Ion:172 Resp: 1233998
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 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





#49

Dimethylphthalate

Concen: 4.184 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

Instrument :

BNA_F

ClientSampleId :

RA-080918-FL-001

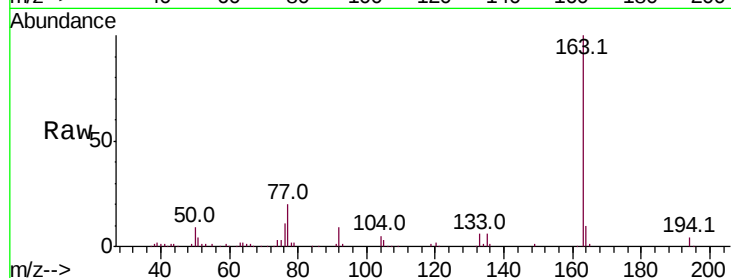
Tot Ion:163 Resp: 121086

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

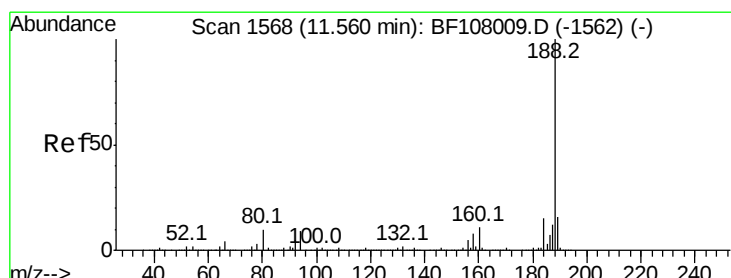
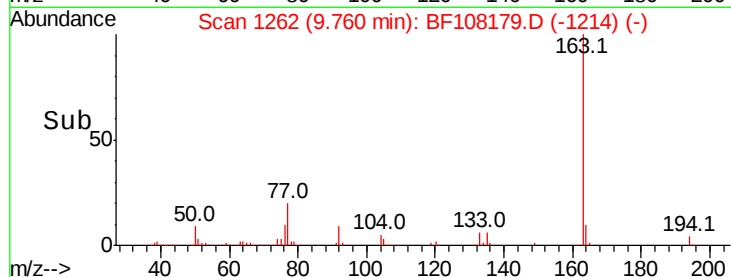
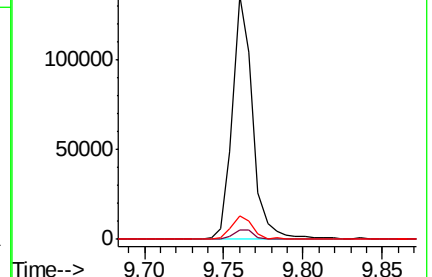
164 9.7 8.2 12.2



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: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

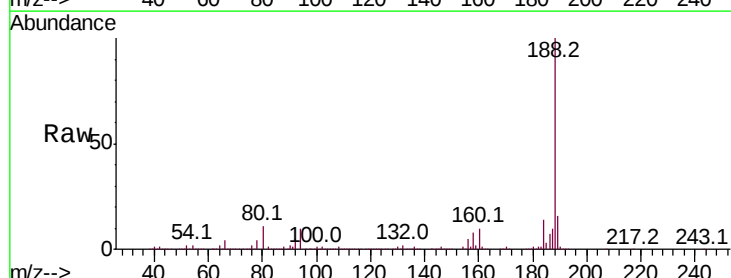
Tgt Ion:188 Resp: 662219

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

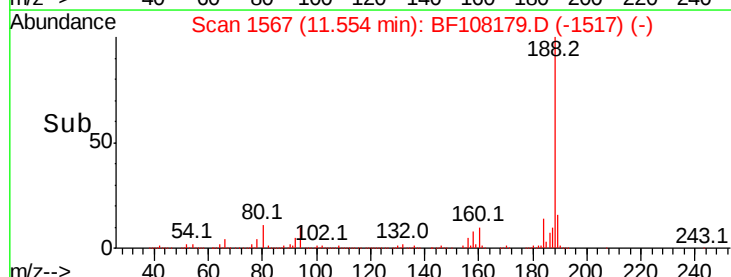
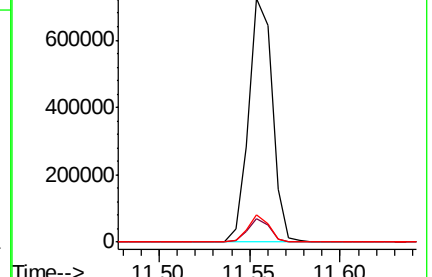
80 11.0 9.2 13.8

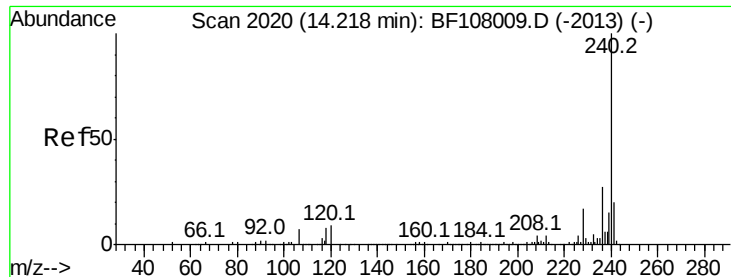


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108179.D

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RA-080918-FL-001

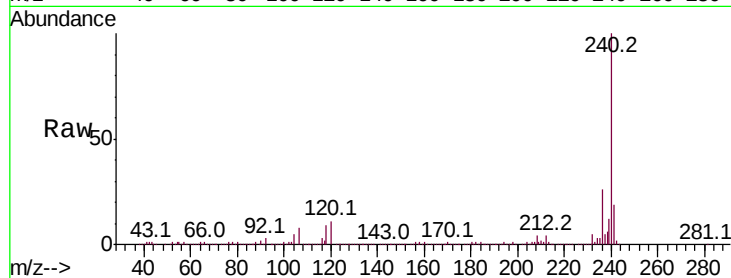
Tot Ion:240 Resp: 475887

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

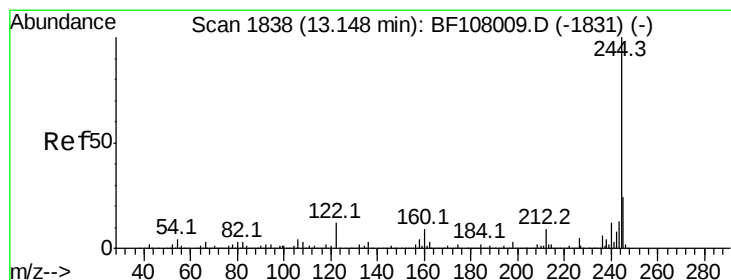
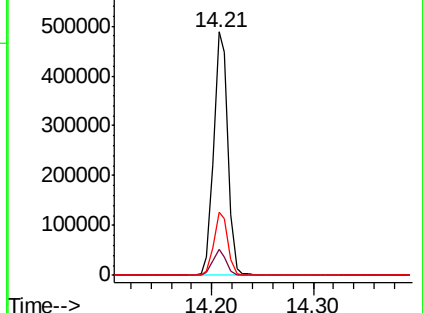
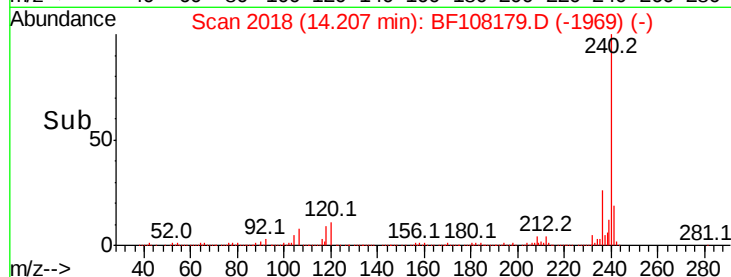
236 25.8 20.7 31.1



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: 45.975 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108179.D

Acq: 15 Aug 2018 21:34

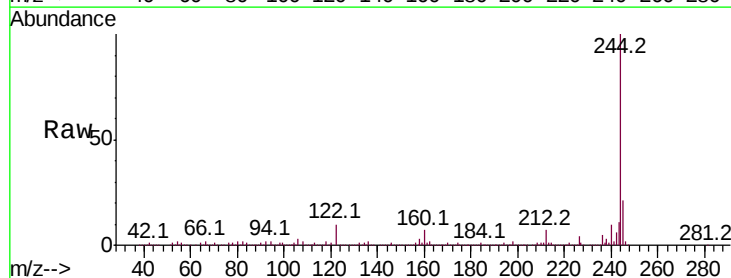
Tgt Ion:244 Resp: 860510

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

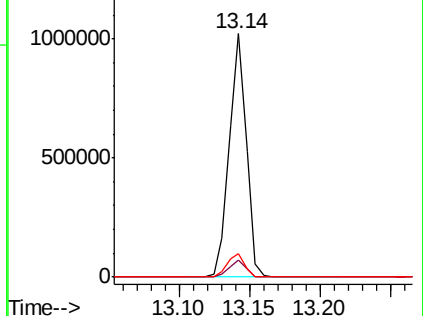
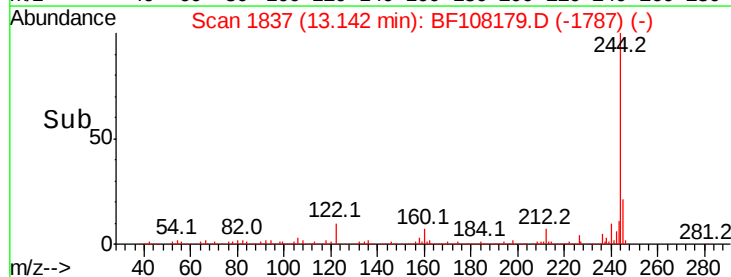
122 9.8 11.0 16.4#



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

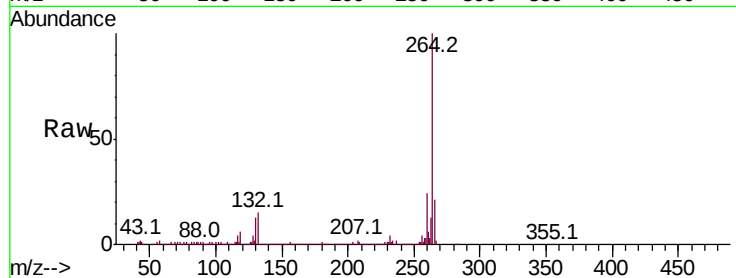




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108179.D
 Acq: 15 Aug 2018 21:34

Instrument :
 BNA_F
 ClientSampleId :
 RA-080918-FL-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	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

