

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108162.D
 Acq On : 15 Aug 2018 13:37
 Operator : JU/SJ
 Sample : J4447-36
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-10

Quant Time: Aug 15 14:17:42 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

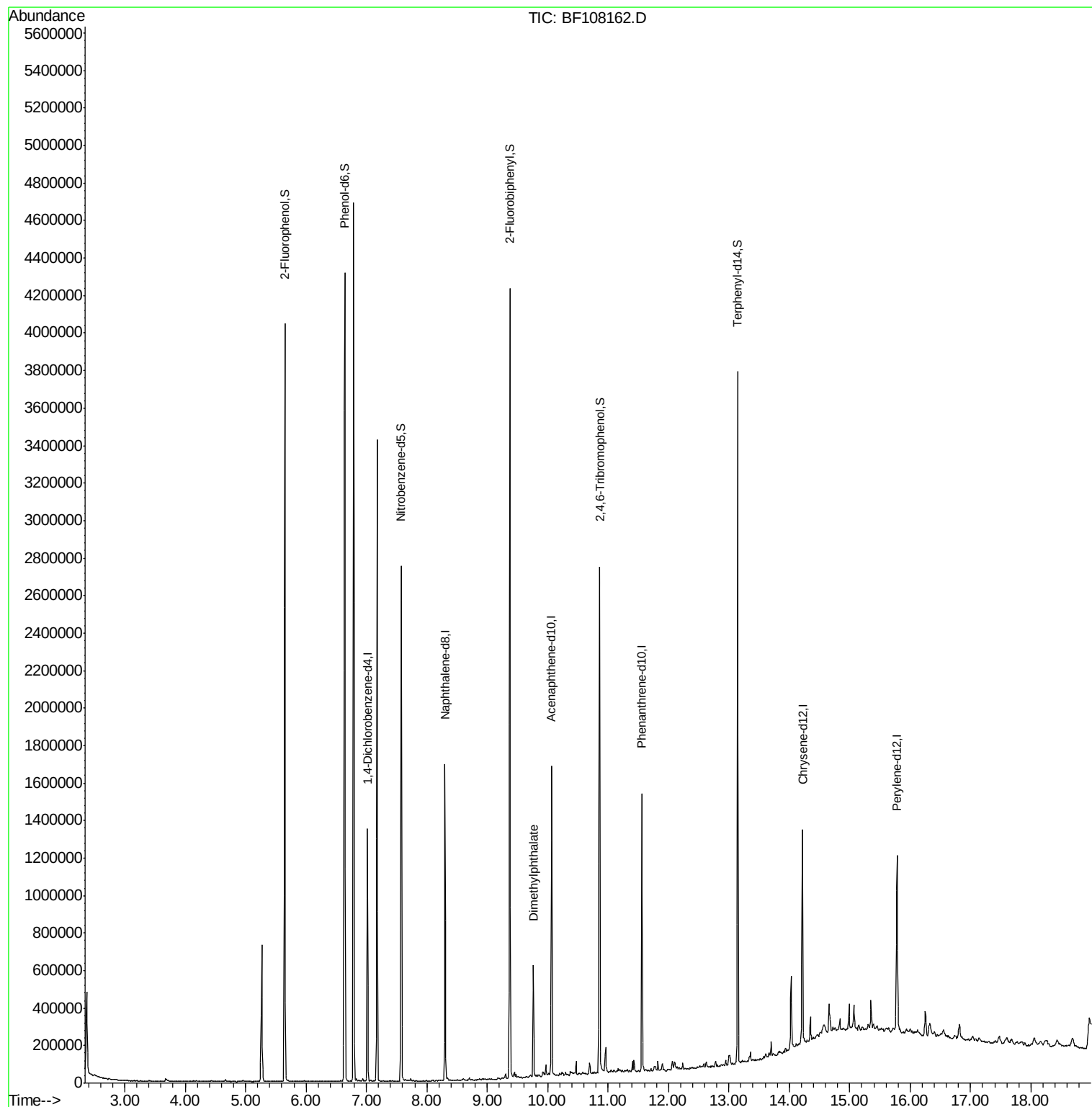
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	179467	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	645348	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	308915	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	503296	20.00	ng	0.00
75) Chrysene-d12	14.22	240	415951	20.00	ng	0.00
86) Perylene-d12	15.78	264	463153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1068029	107.74	ng	0.02
7) Phenol-d6	6.64	99	1423310	108.05	ng	0.01
23) Nitrobenzene-d5	7.58	82	942969	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	338643	109.90	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1417723	73.68	ng	0.00
78) Terphenyl-d14	13.15	244	1154792	70.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	201105	9.346	ng	Qvalue # 98

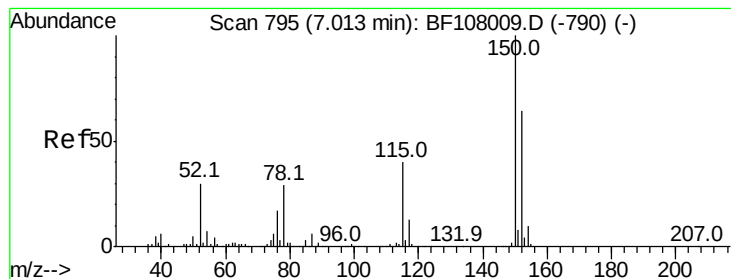
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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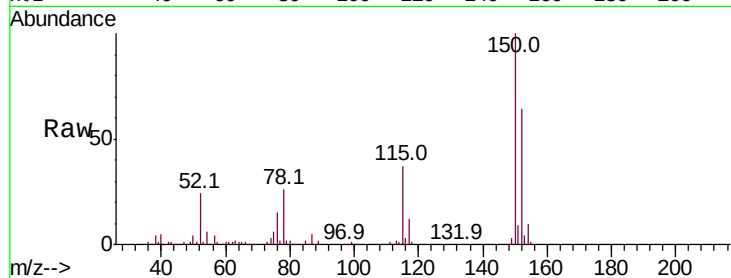


#1

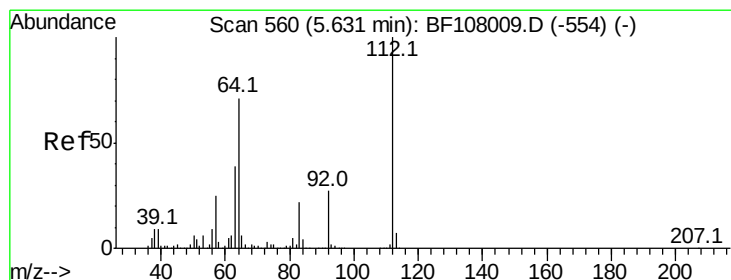
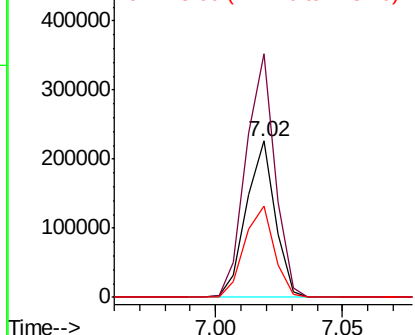
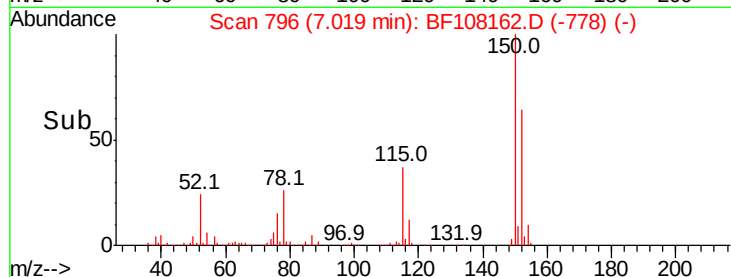
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Instrument :
BNA_F
ClientSampleId :
SP-1-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.3	50.1	75.1



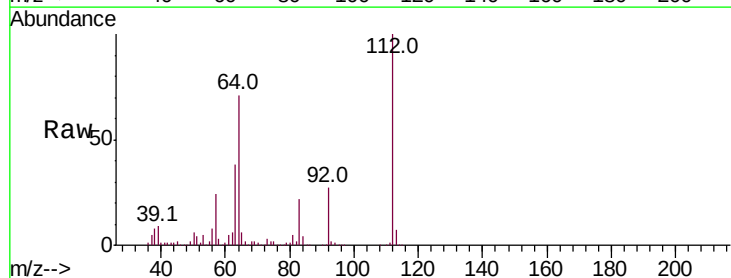
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



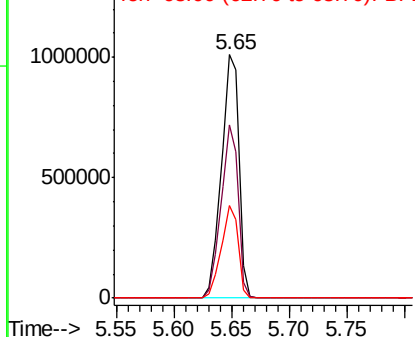
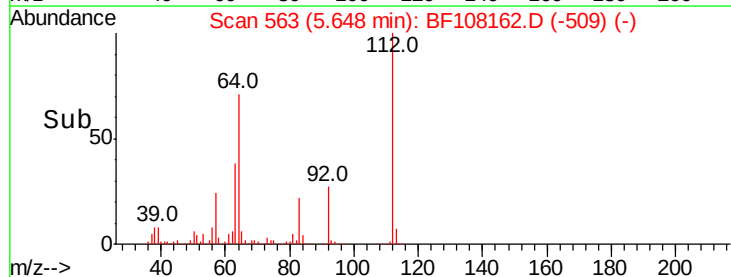
#5

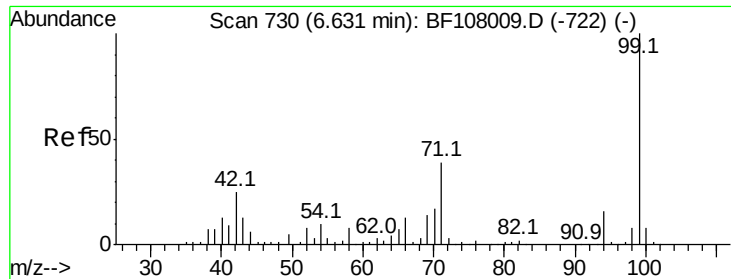
2-Fluorophenol
Concen: 107.742 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	47.9	71.9
63	38.0	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: 108.049 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108162.D

Acq: 15 Aug 2018 13:37

Instrument :

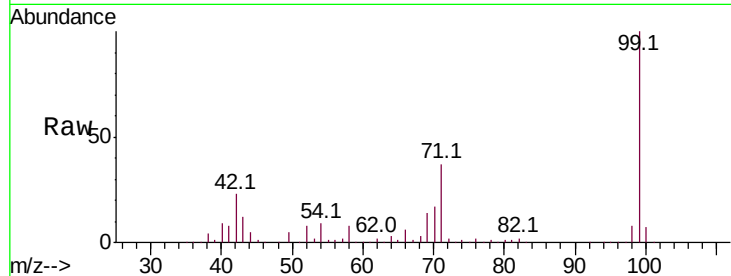
BNA_F

ClientSampleId :

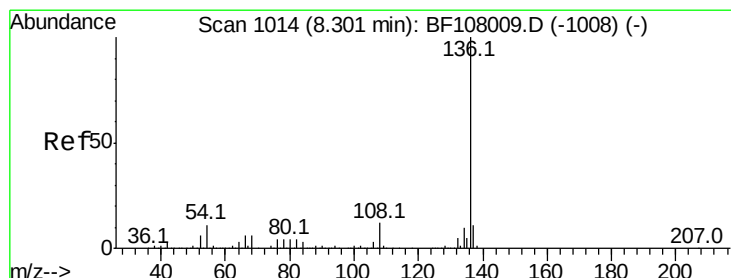
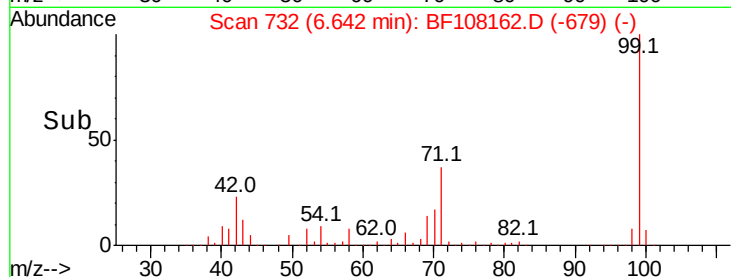
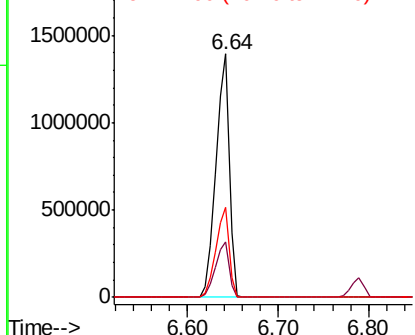
SP-1-10

Tot Ion: 99 Resp: 1423310

Ion	Ratio	Lower	Upper
99	100		
42	22.8	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: 8.30 min Scan# 1014

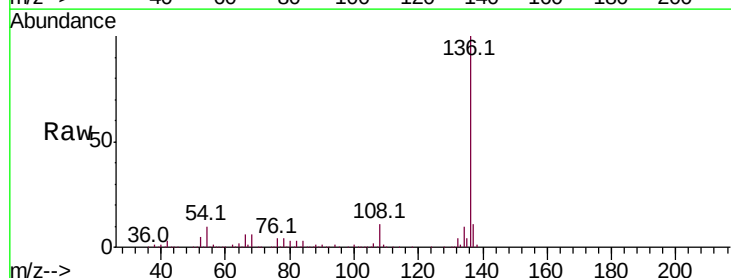
Delta R.T. 0.00 min

Lab File: BF108162.D

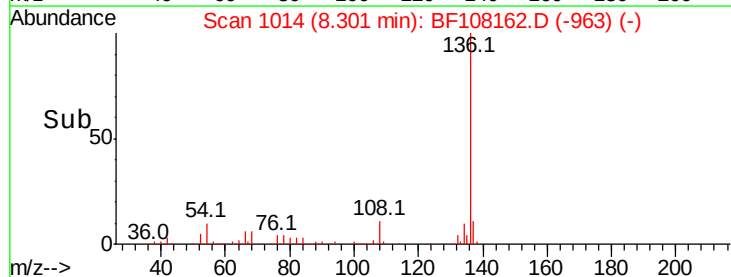
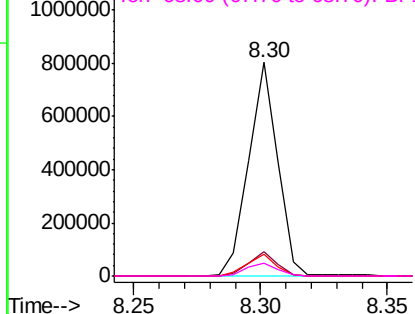
Acq: 15 Aug 2018 13:37

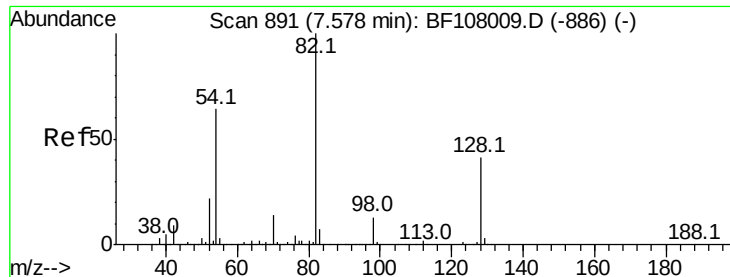
Tgt Ion: 136 Resp: 645348

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	6.6	9.8#
68	6.1	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

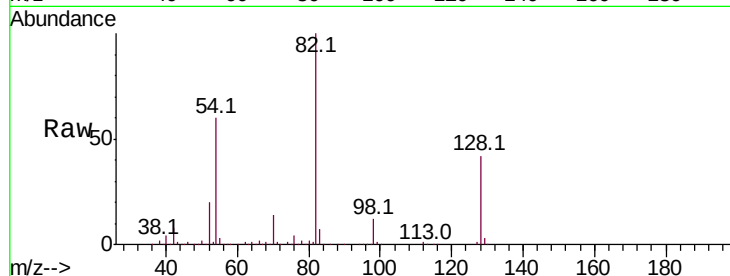




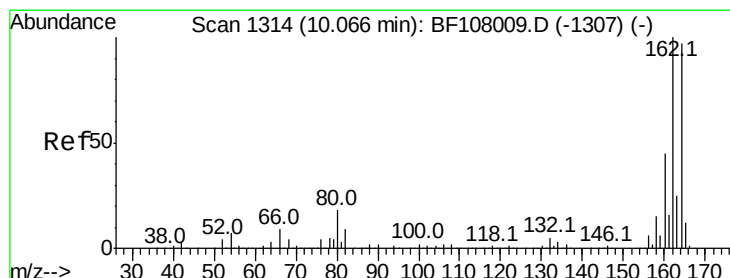
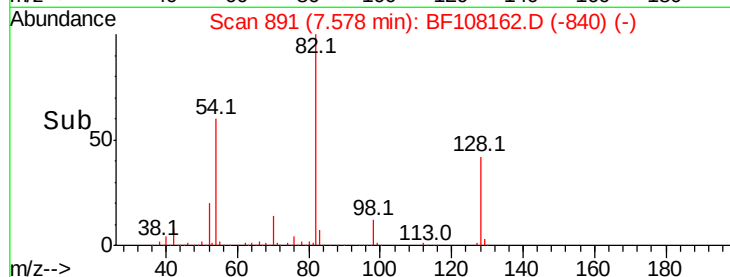
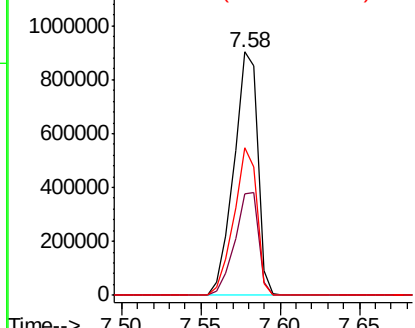
#23
 Nitrobenzene-d5
 Concen: 81.536 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-10

Tot Ion	82	Resp	942969
Ion Ratio	Lower	Upper	
82	100		
128	41.9	36.1	54.1
54	60.4	41.4	62.2

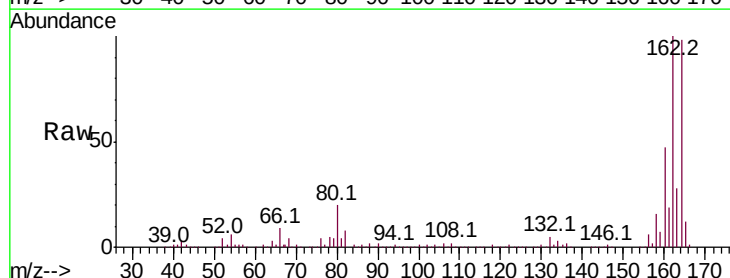


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

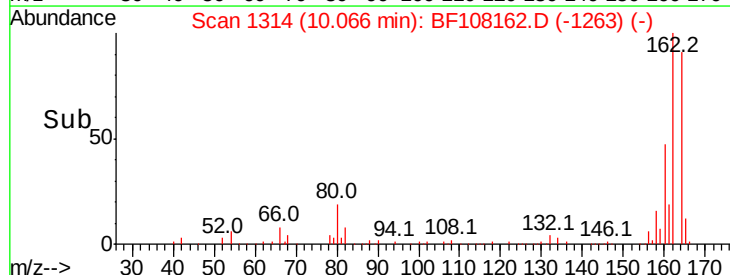
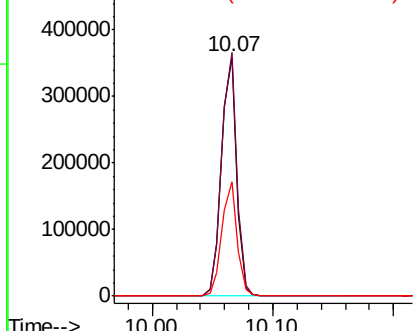


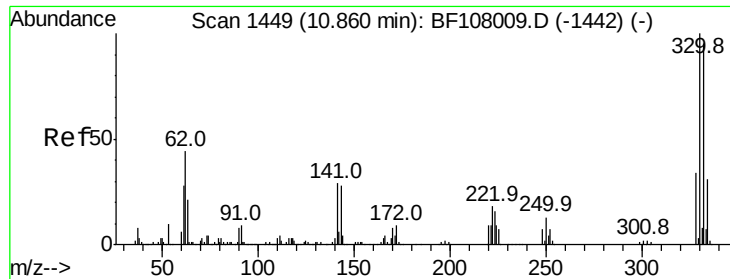
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Tgt Ion	164	Resp	308915
Ion Ratio	Lower	Upper	
164	100		
162	101.8	86.1	129.1
160	47.9	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

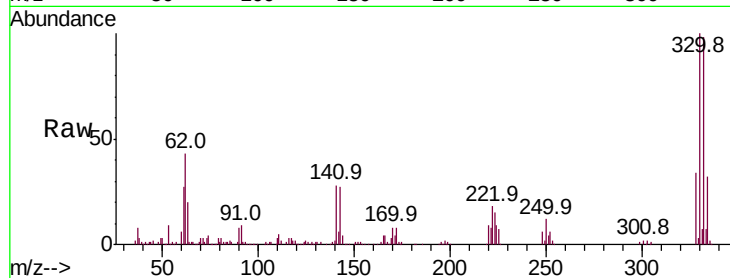




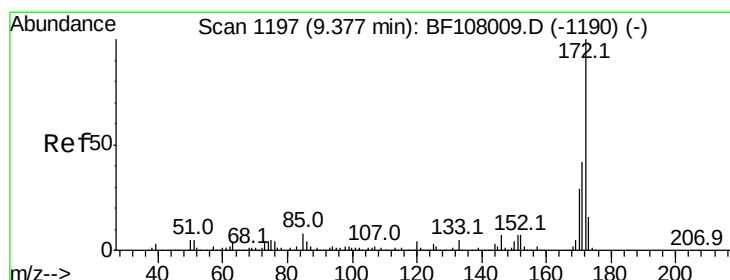
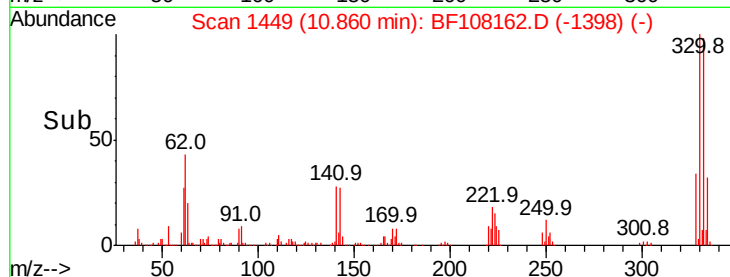
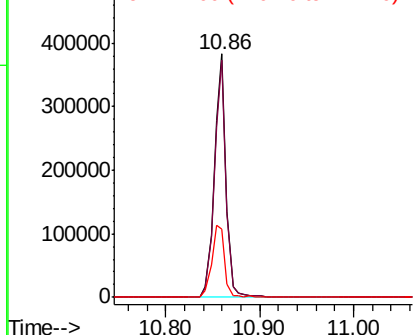
#41
 2,4,6-Tribromophenol
 Concen: 109.901 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Instrument :
 BNA_F
 ClientSampled :
 SP-1-10

Tot Ion:330 Resp: 338643
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.5 29.9 44.9

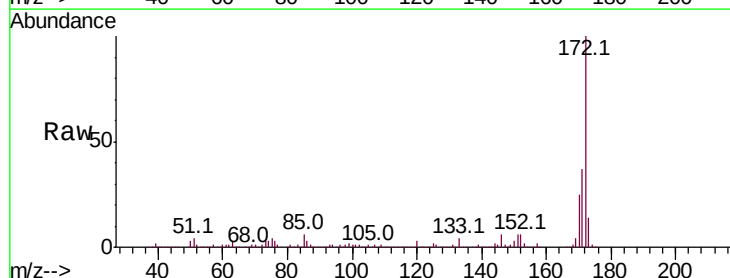


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

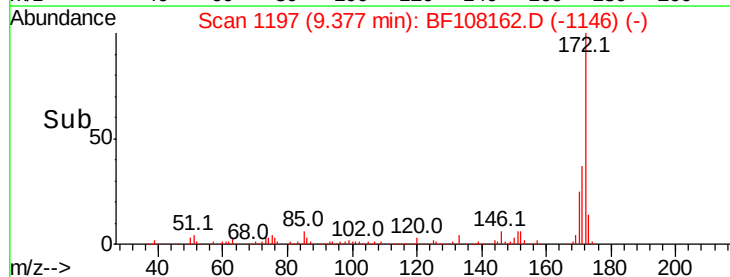
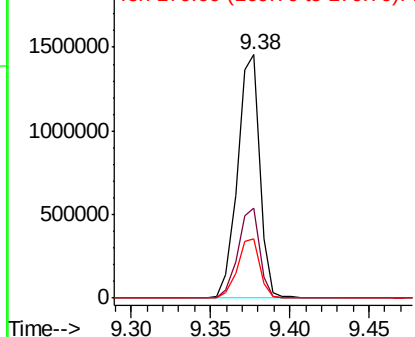


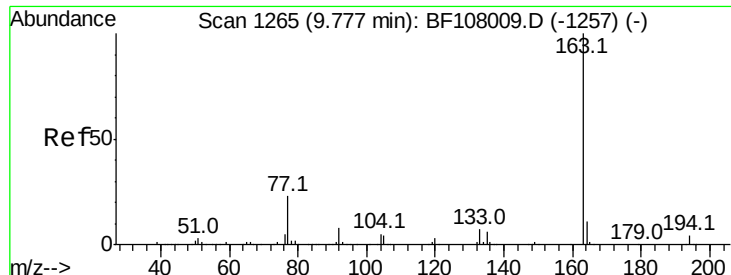
#44
 2-Fluorobiphenyl
 Concen: 73.681 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Tgt Ion:172 Resp: 1417723
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 9.346 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108162.D

Acq: 15 Aug 2018 13:37

Instrument :

BNA_F

ClientSampleId :

SP-1-10

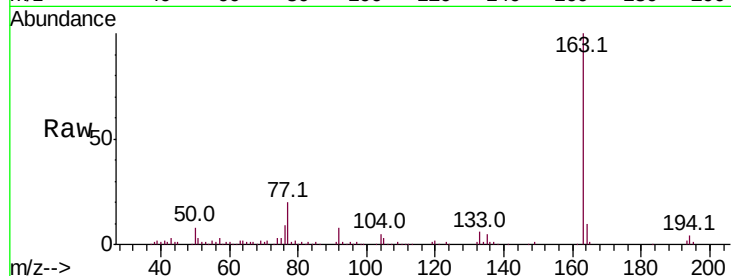
Tot Ion:163 Resp: 201105

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

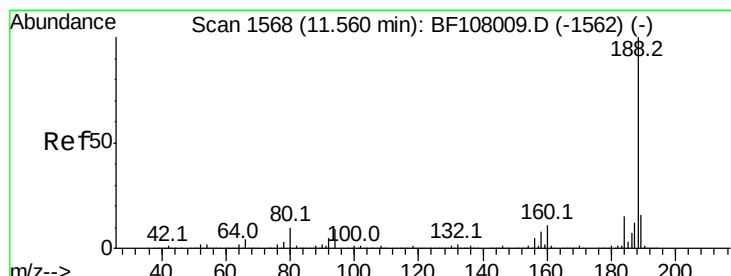
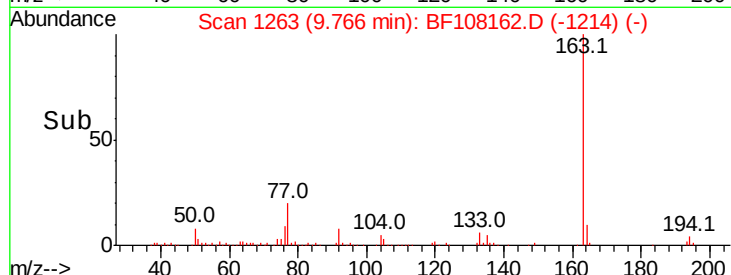
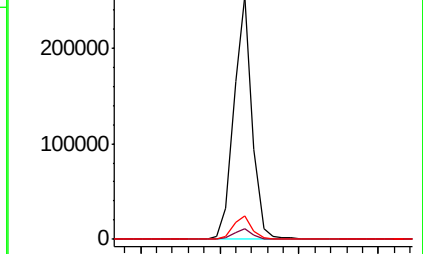
164 9.7 8.2 12.2



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: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108162.D

Acq: 15 Aug 2018 13:37

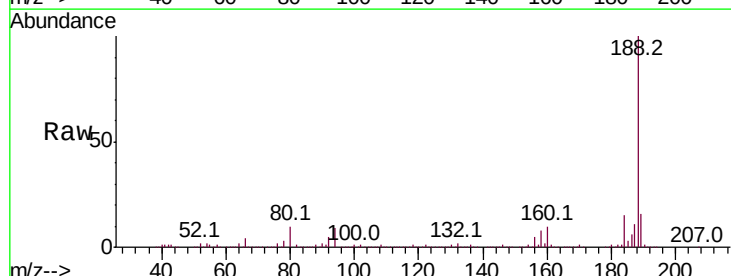
Tgt Ion:188 Resp: 503296

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

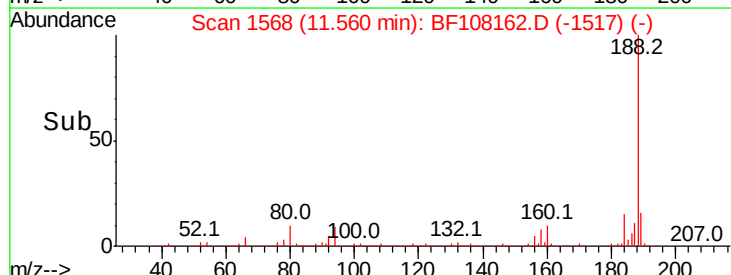
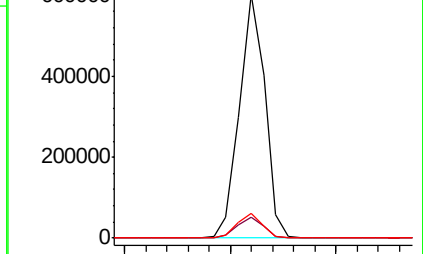
80 10.2 9.2 13.8

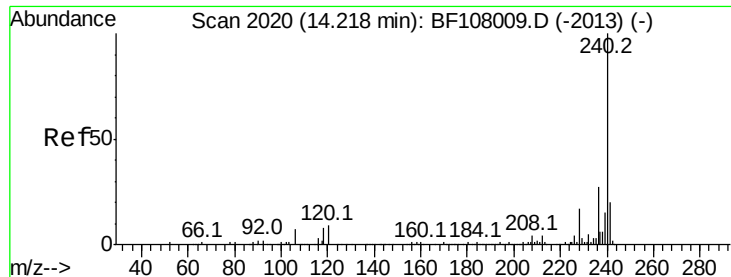


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

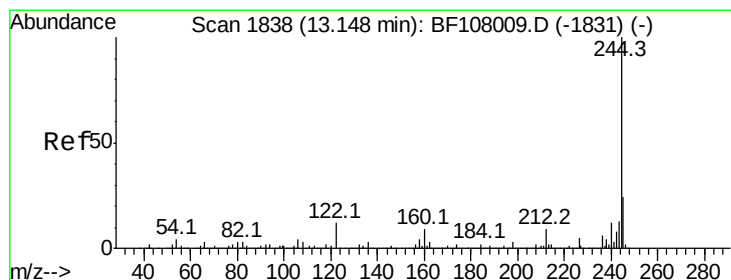
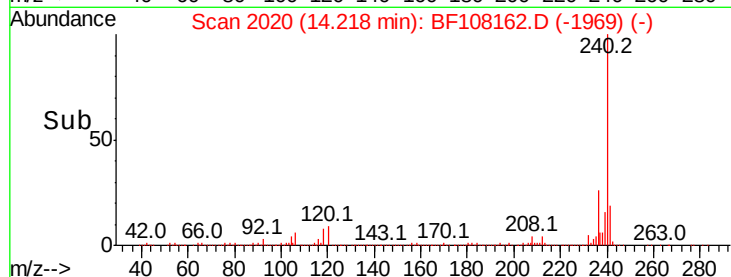
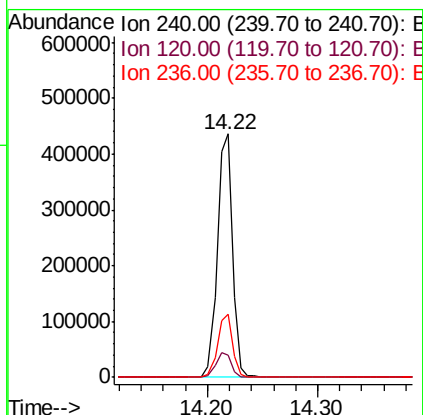
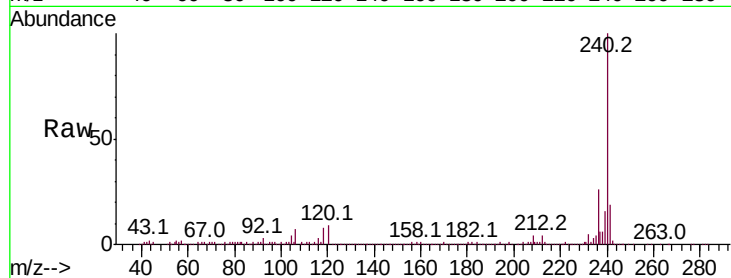




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

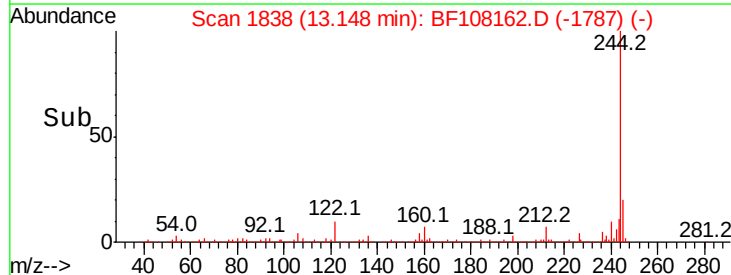
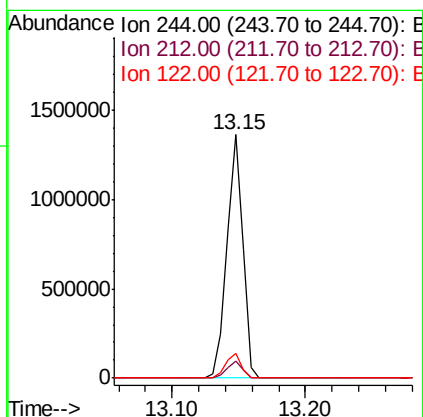
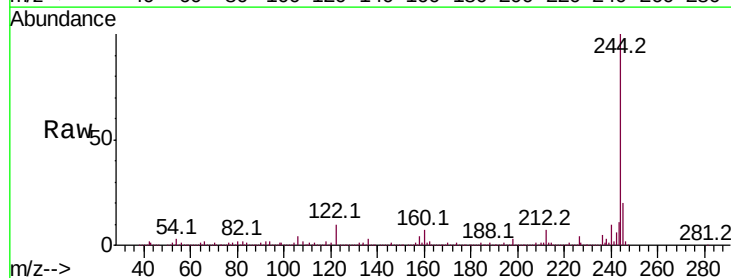
Instrument :
 BNA_F
 ClientSampleID :
 SP-1-10

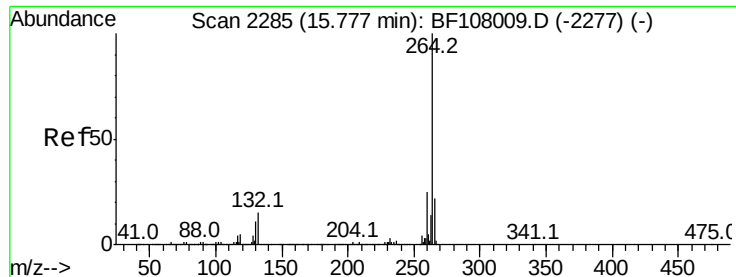
Tot Ion:240 Resp: 415951
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.5 14.3#
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 70.589 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Tgt Ion:244 Resp: 1154792
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.0 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Instrument :
BNA_F
ClientSampleId :
SP-1-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.7	17.5	26.3

