

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108163.D
 Acq On : 15 Aug 2018 14:04
 Operator : JU/SJ
 Sample : J4447-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-8

Quant Time: Aug 15 16:06:52 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

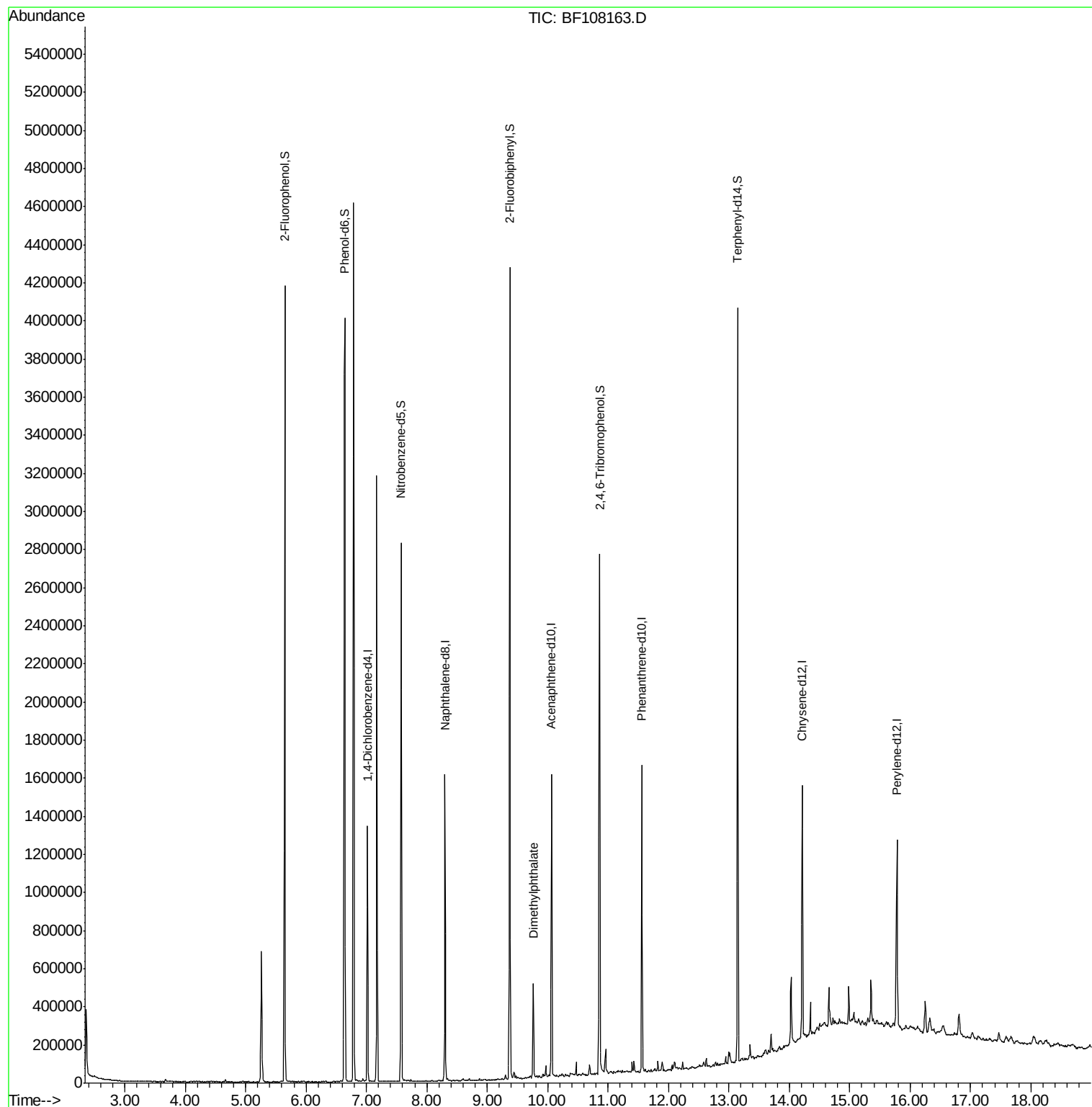
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	173698	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	647712	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	304820	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	542036	20.00	ng	0.00
75) Chrysene-d12	14.21	240	453973	20.00	ng	0.00
86) Perylene-d12	15.78	264	485829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1046146	109.04	ng	0.02
7) Phenol-d6	6.64	99	1378580	108.13	ng	0.01
23) Nitrobenzene-d5	7.58	82	914294	78.77	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	358954	118.06	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1392719	73.35	ng	0.00
78) Terphenyl-d14	13.15	244	1253813	70.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	185750	8.748	ng	Qvalue # 98

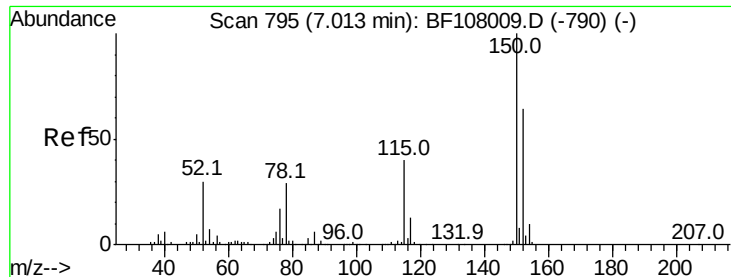
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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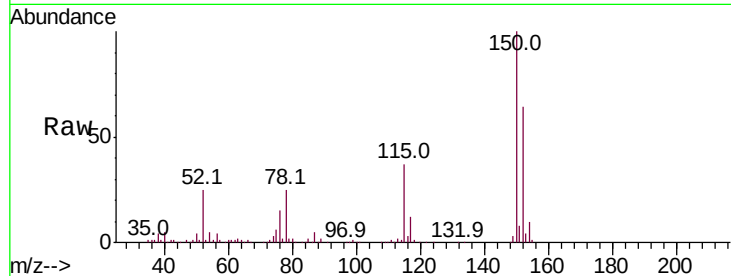


#1

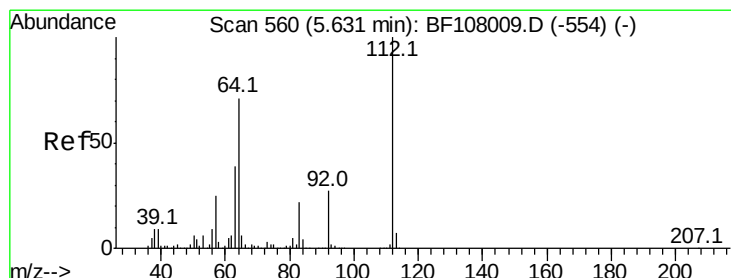
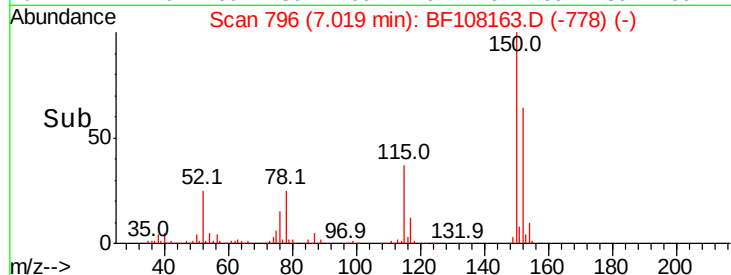
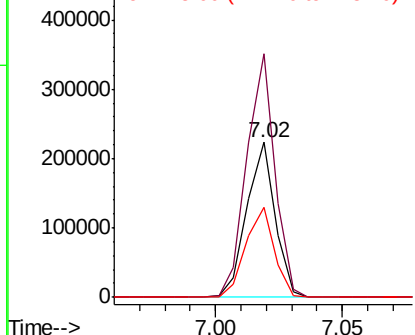
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108163.D
Acq: 15 Aug 2018 14:04

Instrument :
BNA_F
ClientSampleId :
SP-1-8

Tot Ion:152 Resp: 173698
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 58.0 50.1 75.1



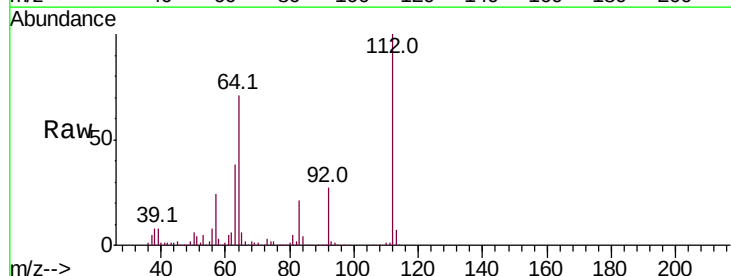
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



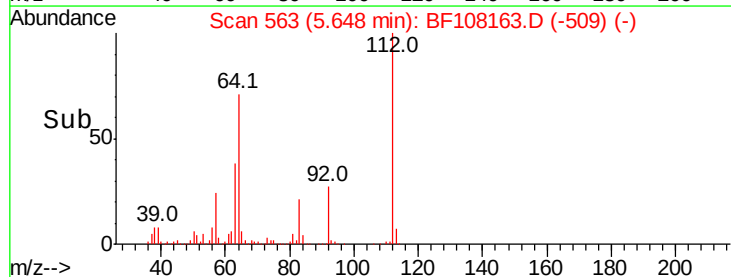
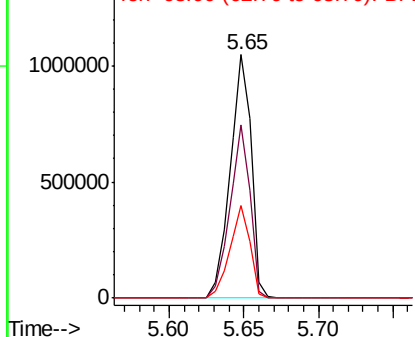
#5

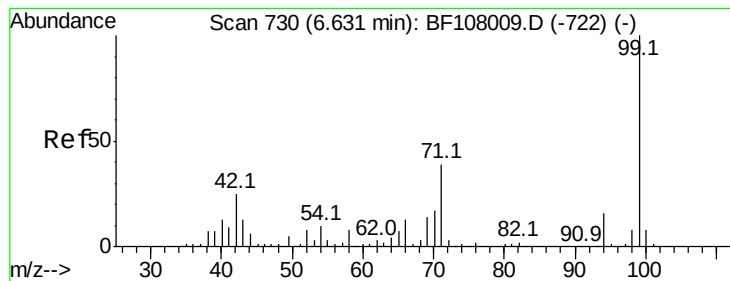
2-Fluorophenol
Concen: 109.040 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108163.D
Acq: 15 Aug 2018 14:04

Tgt Ion:112 Resp: 1046146
Ion Ratio Lower Upper
112 100
64 71.3 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: 108.129 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108163.D

Acq: 15 Aug 2018 14:04

Instrument :

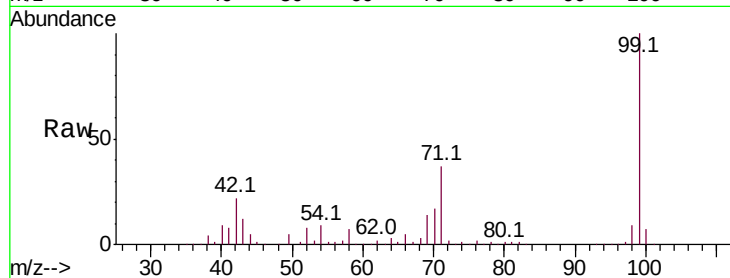
BNA_F

ClientSampleId :

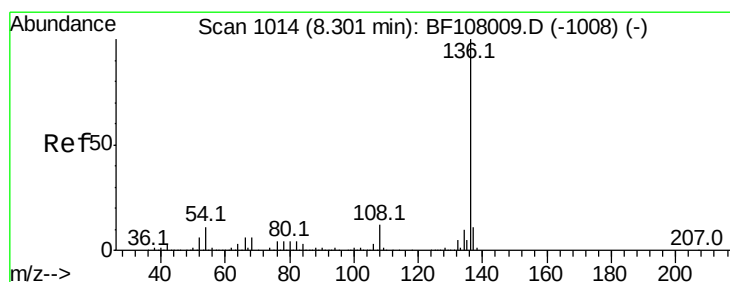
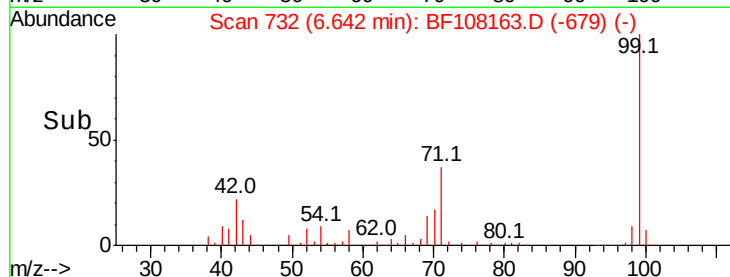
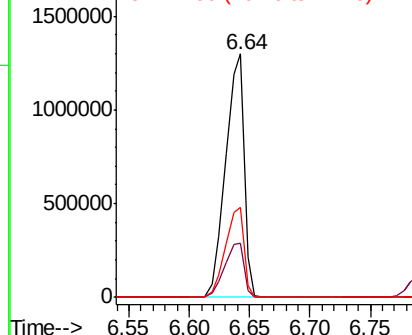
SP-1-8

Tot Ion: 99 Resp: 1378580

Ion	Ratio	Lower	Upper
99	100		
42	22.4	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

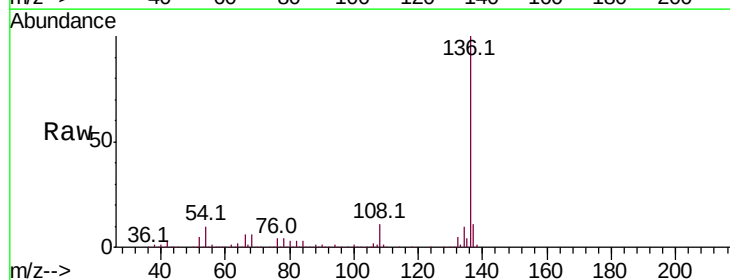
Delta R.T. 0.00 min

Lab File: BF108163.D

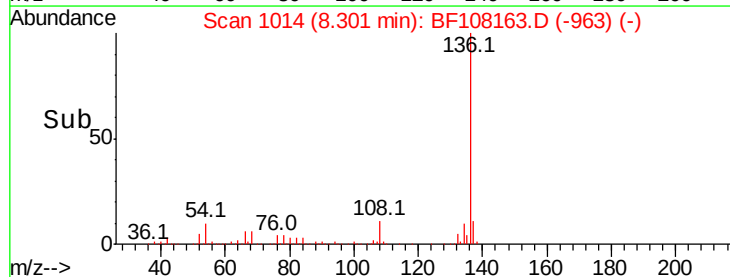
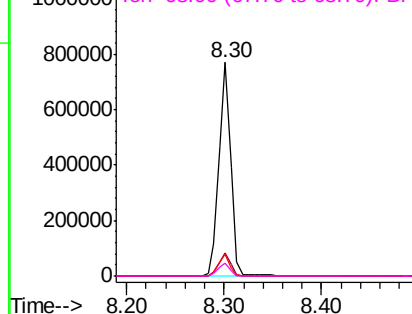
Acq: 15 Aug 2018 14:04

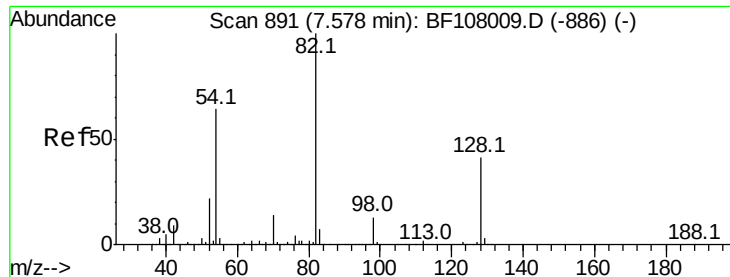
Tgt Ion: 136 Resp: 647712

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	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

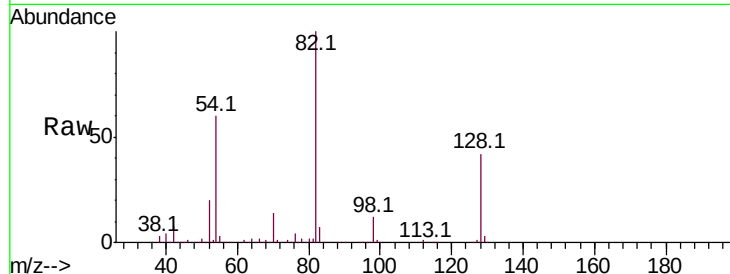




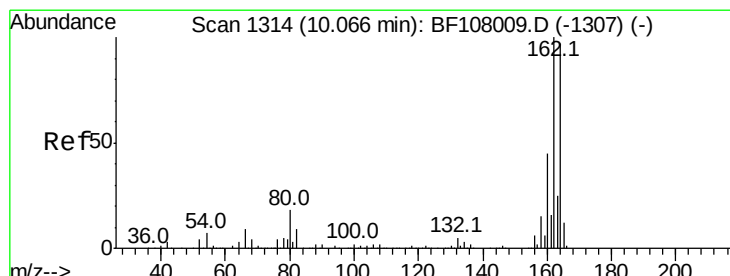
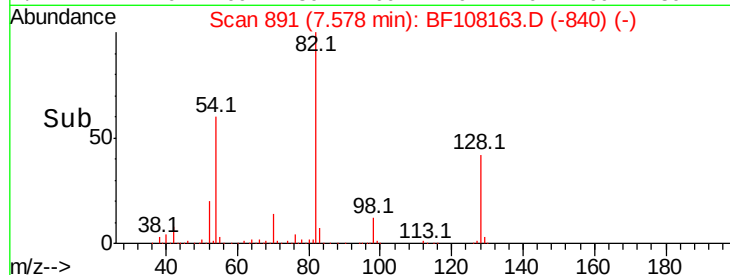
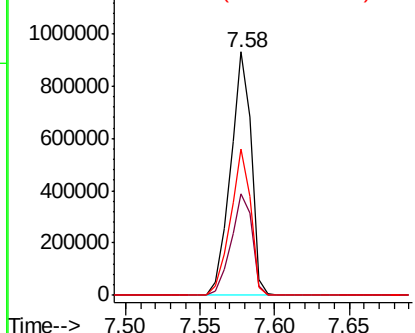
#23
 Nitrobenzene-d5
 Concen: 78.768 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108163.D
 Acq: 15 Aug 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	60.1	41.4	62.2

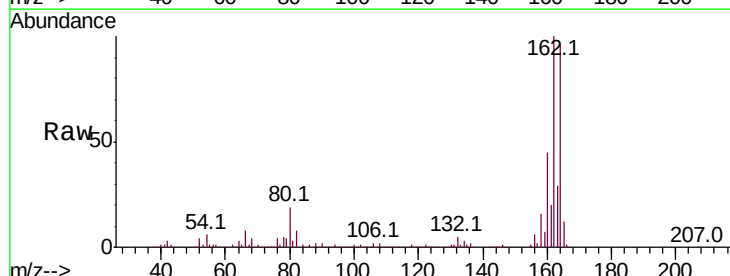


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

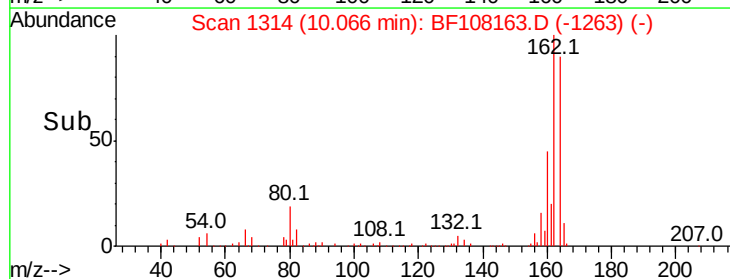
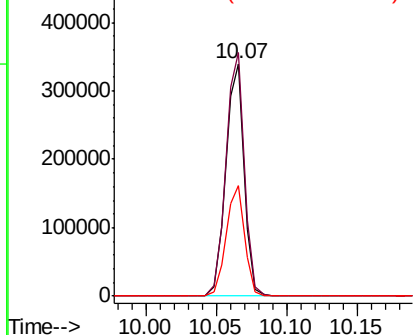


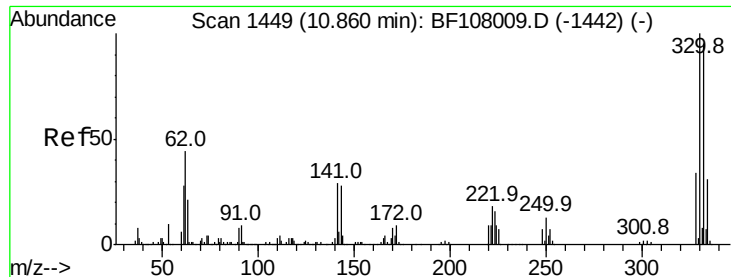
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108163.D
 Acq: 15 Aug 2018 14:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.2	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

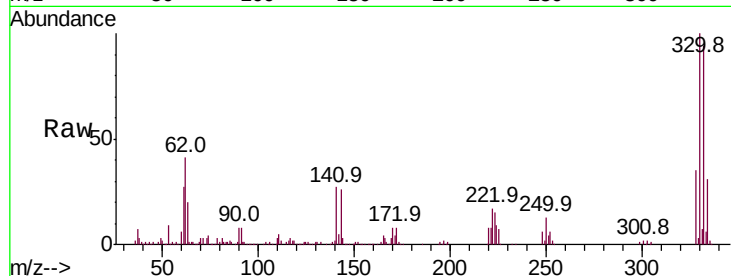




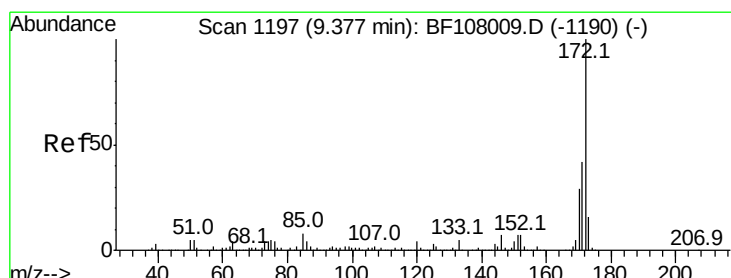
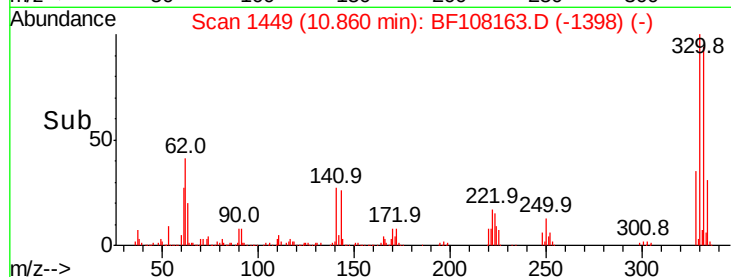
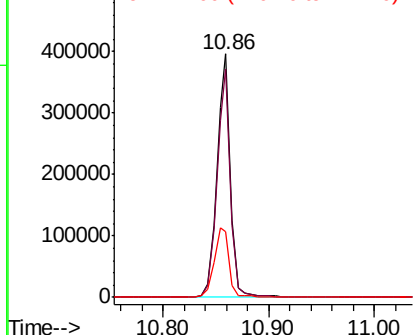
#41
 2,4,6-Tribromophenol
 Concen: 118.057 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108163.D
 Acq: 15 Aug 2018 14:04

Instrument :
 BNA_F
 ClientSampled :
 SP-1-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	32.4	29.9	44.9

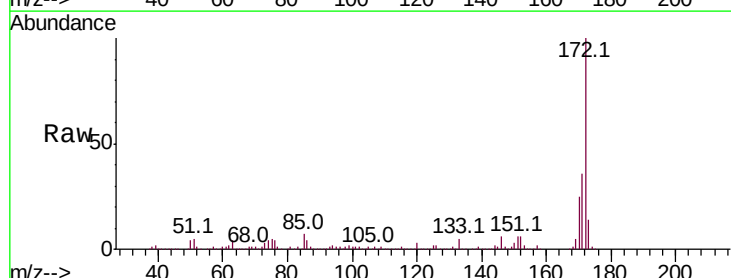


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

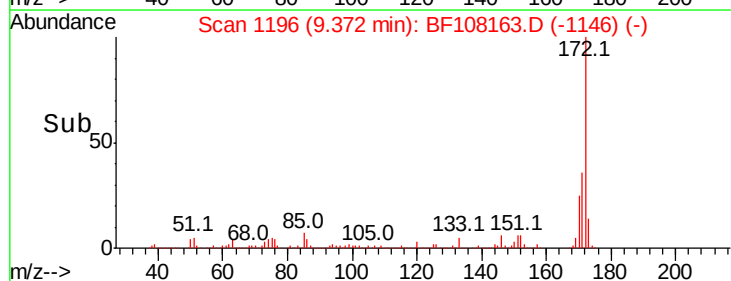
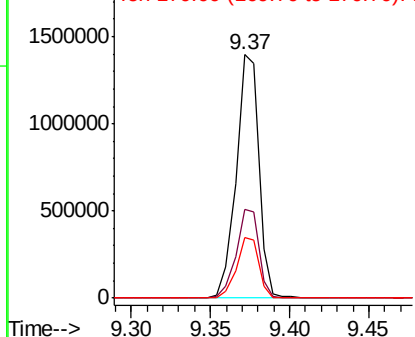


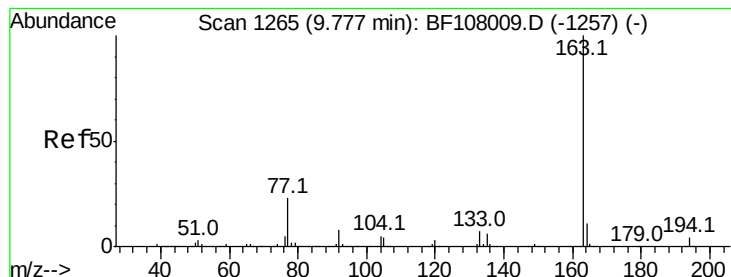
#44
 2-Fluorobiphenyl
 Concen: 73.354 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108163.D
 Acq: 15 Aug 2018 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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





#49

Dimethylphthalate

Concen: 8.748 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108163.D

Acq: 15 Aug 2018 14:04

Instrument :

BNA_F

ClientSampled :

SP-1-8

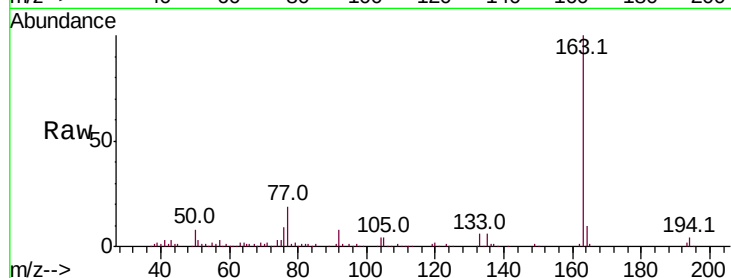
Tot Ion:163 Resp: 185750

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

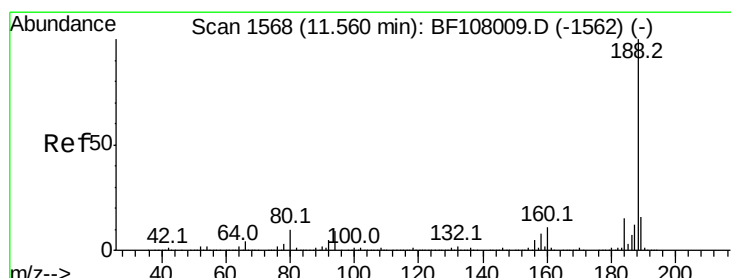
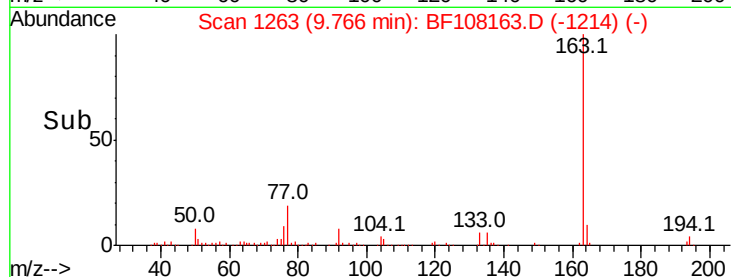
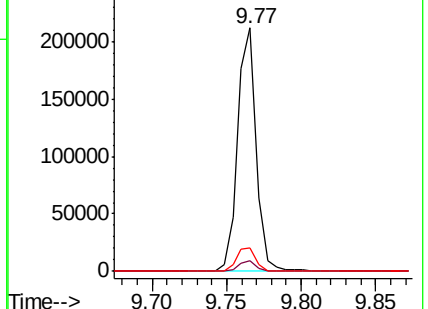
164 9.7 8.2 12.2



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: BF108163.D

Acq: 15 Aug 2018 14:04

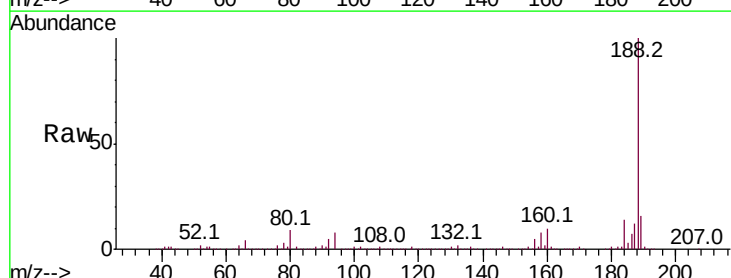
Tgt Ion:188 Resp: 542036

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7#

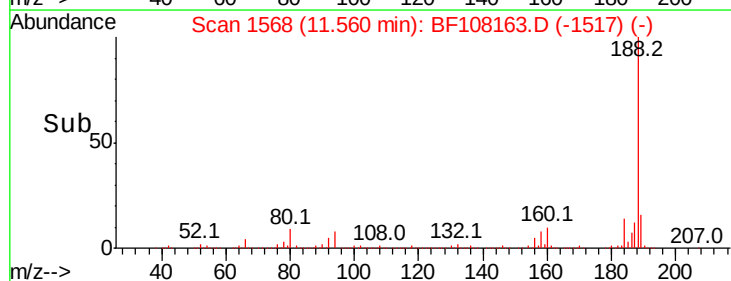
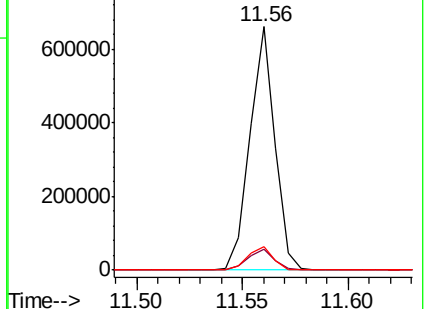
80 9.4 9.2 13.8

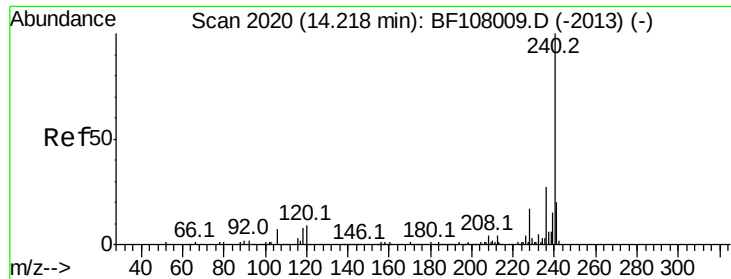


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

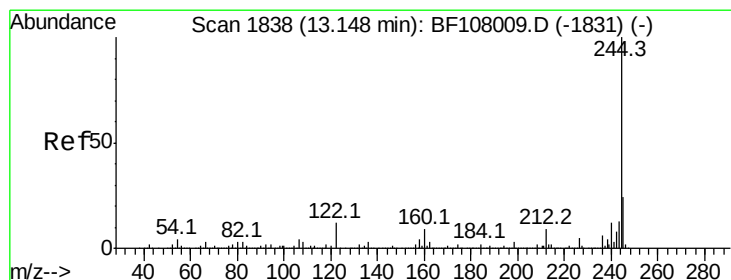
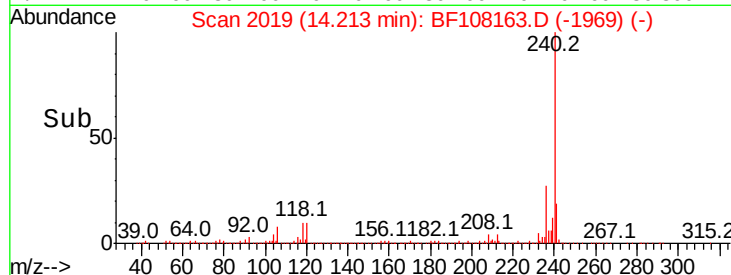
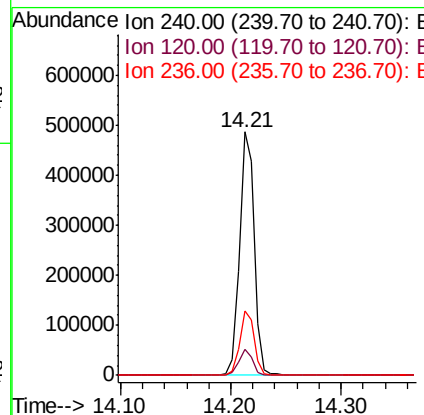
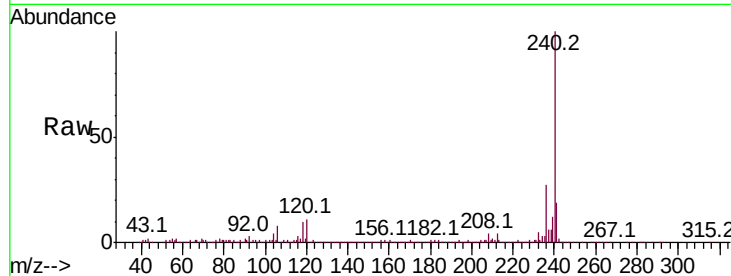




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF108163.D
 Acq: 15 Aug 2018 14:04

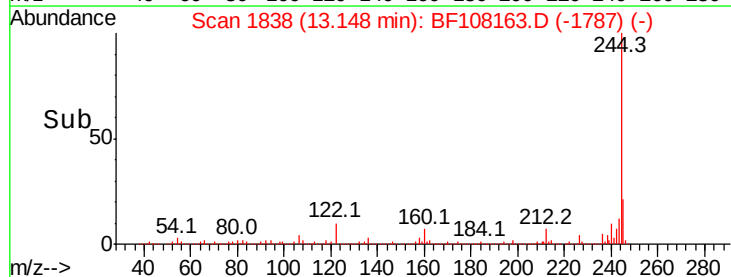
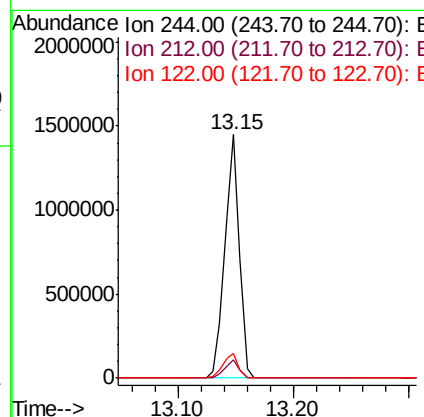
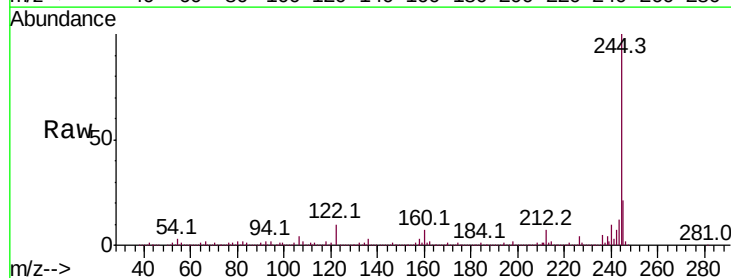
Instrument :
 BNA_F
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 SP-1-8

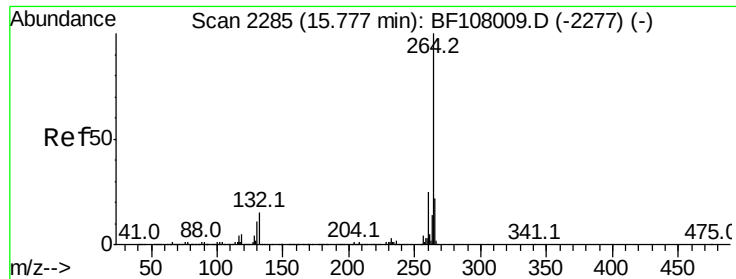
Tot Ion:240 Resp: 453973
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 26.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 70.222 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108163.D
 Acq: 15 Aug 2018 14:04

Tgt Ion:244 Resp: 1253813
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.1 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: BF108163.D
Acq: 15 Aug 2018 14:04

Instrument :
BNA_F
ClientSampleId :
SP-1-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

