

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108143.D
 Acq On : 14 Aug 2018 14:33
 Operator : JU/SJ
 Sample : J4447-26
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-9

Quant Time: Aug 14 17:25:45 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

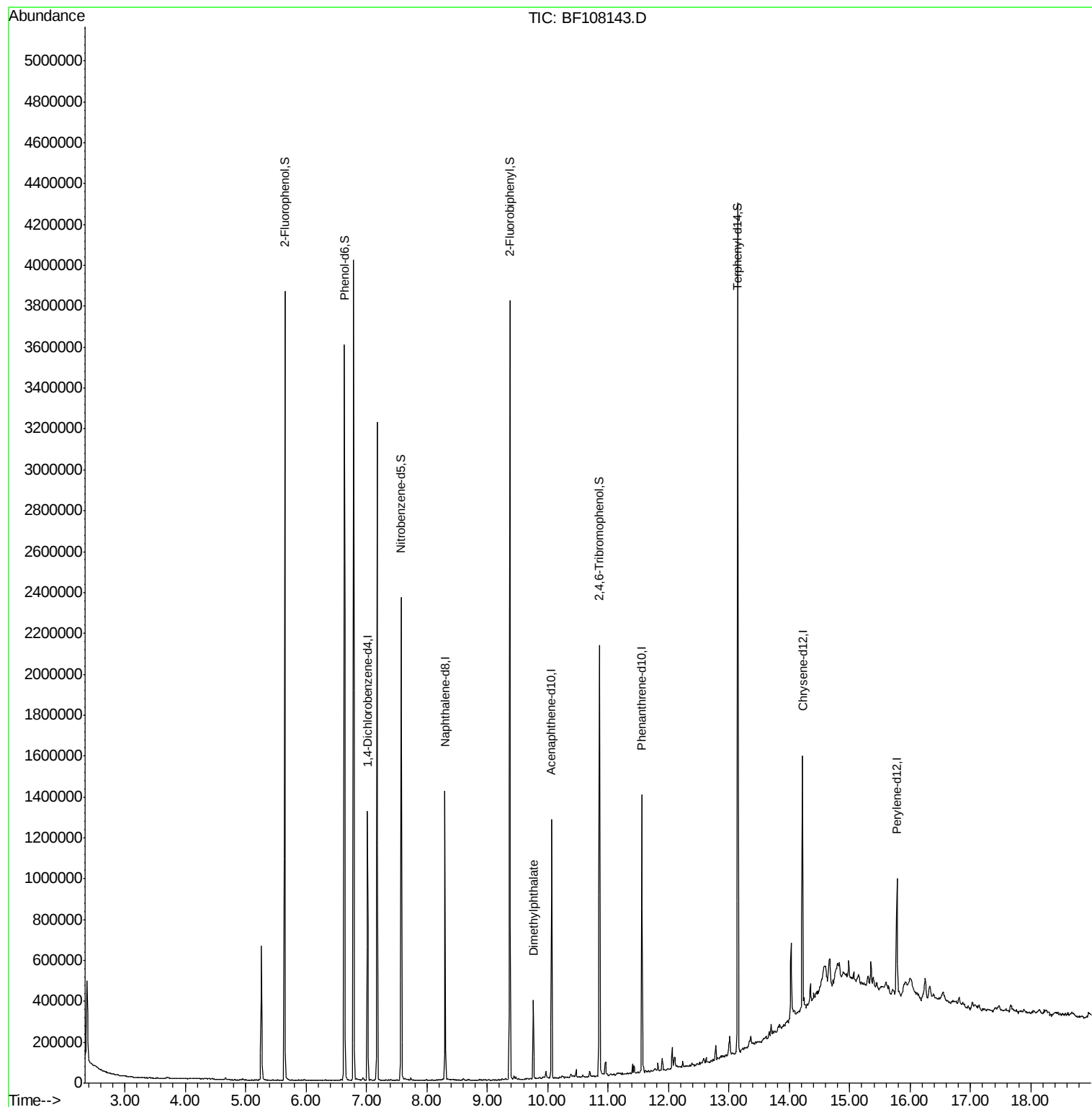
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	171756	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	564520	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	232186	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	457251	20.00	ng	0.00
75) Chrysene-d12	14.22	240	436743	20.00	ng	0.00
86) Perylene-d12	15.78	264	290051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	909056	95.82	ng	0.02
7) Phenol-d6	6.64	99	1172561	93.01	ng	0.00
23) Nitrobenzene-d5	7.58	82	740642	73.21	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	253232	109.34	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1228413	84.94	ng	0.00
78) Terphenyl-d14	13.15	244	1416084	82.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	140494	8.687	ng	99

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

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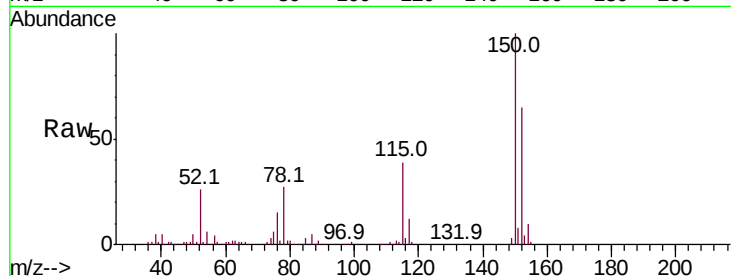


#1

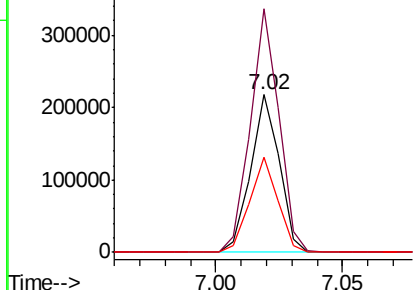
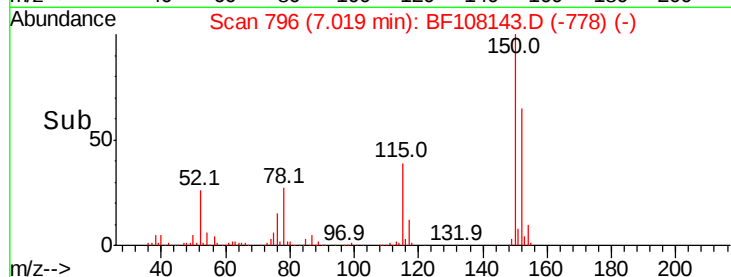
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108143.D
Acq: 14 Aug 2018 14:33

Instrument :
BNA_F
ClientSampleId :
SP-1-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.4	50.1	75.1



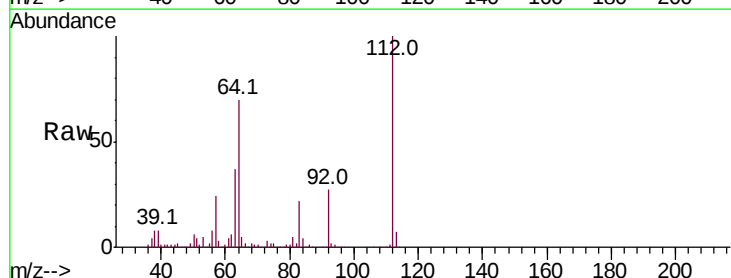
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



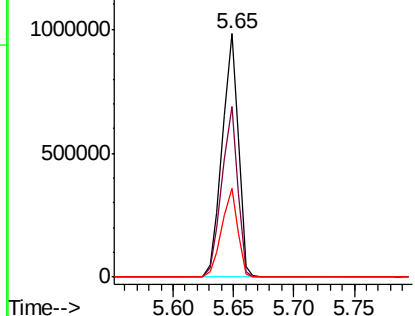
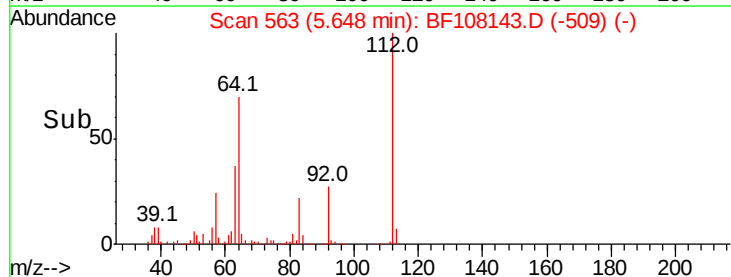
#5

2-Fluorophenol
Concen: 95.822 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108143.D
Acq: 14 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	36.7	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: 93.010 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108143.D

Acq: 14 Aug 2018 14:33

Instrument :

BNA_F

ClientSampleId :

SP-1-9

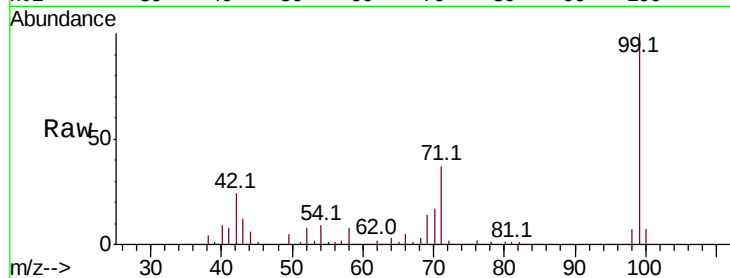
Tot Ion: 99 Resp: 1172561

Ion Ratio Lower Upper

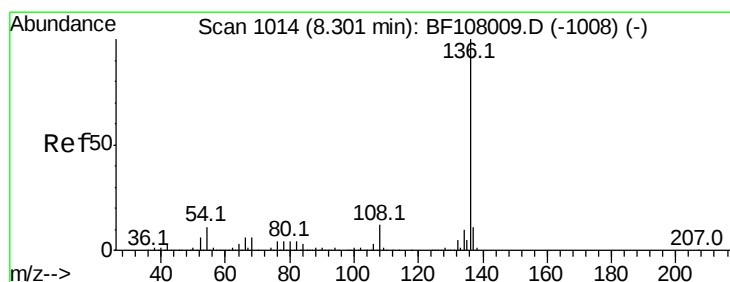
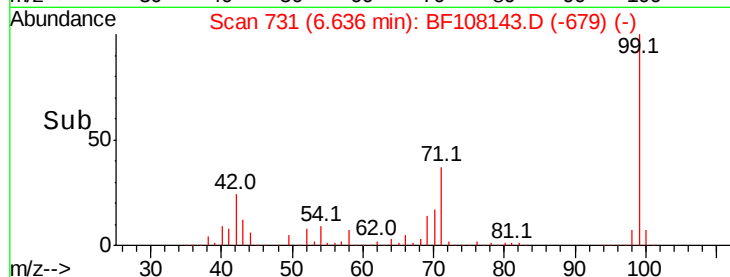
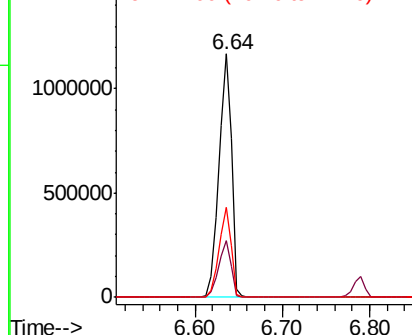
99 100

42 23.6 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: BF108143.D

Acq: 14 Aug 2018 14:33

Tgt Ion: 136 Resp: 564520

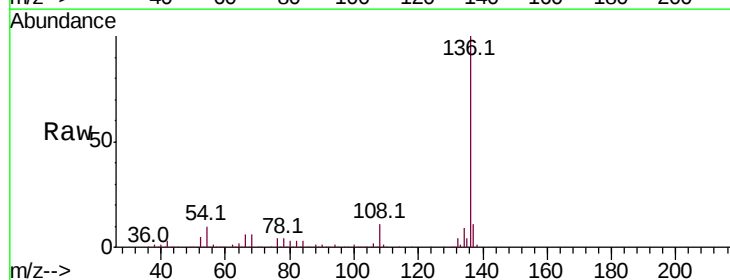
Ion Ratio Lower Upper

136 100

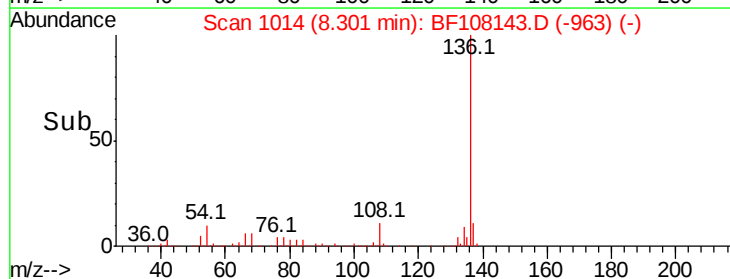
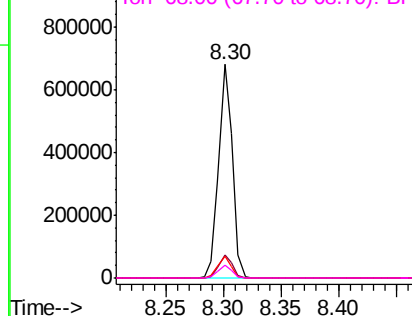
137 10.8 8.9 13.3

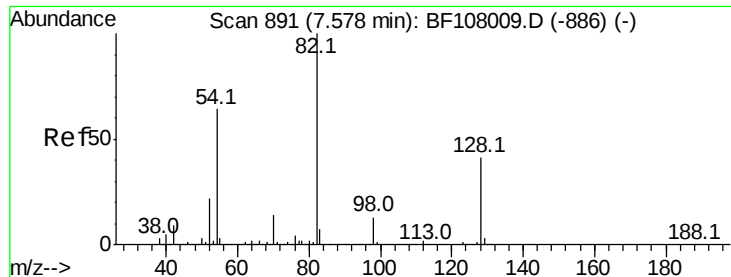
54 10.0 6.6 9.8#

68 6.2 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

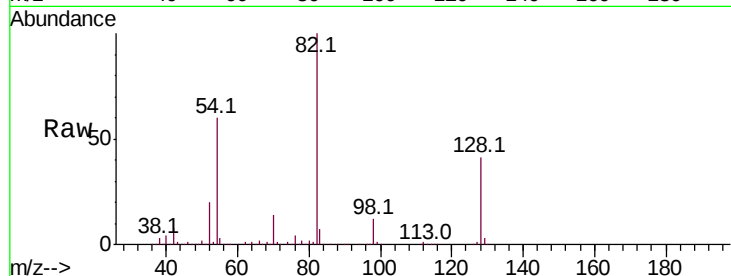




#23
 Nitrobenzene-d5
 Concen: 73.211 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108143.D
 Acq: 14 Aug 2018 14:33

Instrument :
 BNA_F
 ClientSampled :
 SP-1-9

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	59.7	41.4	62.2

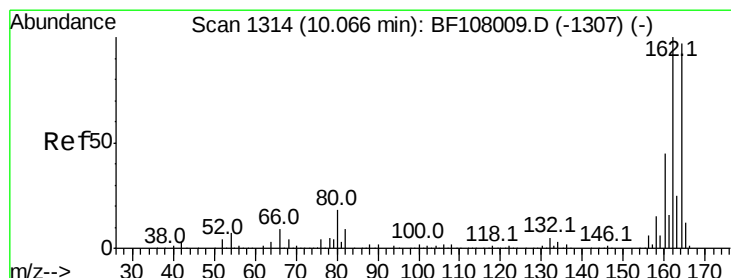
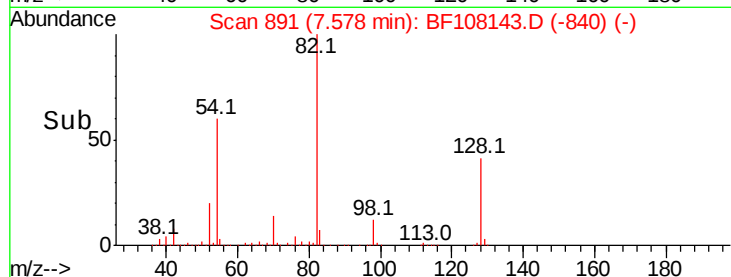
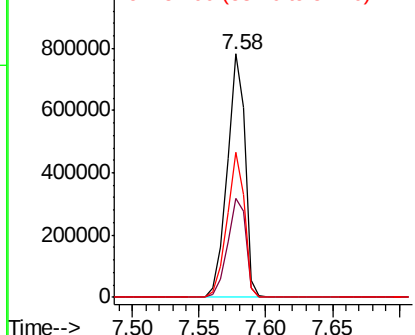


Abundance

Ion 82.00 (81.70 to 82.70): BF1

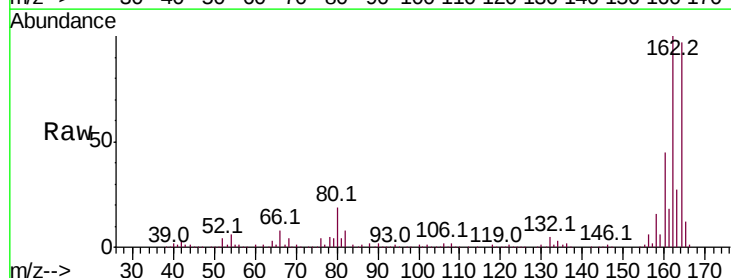
Ion 128.00 (127.70 to 128.70): BF1

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: BF108143.D
 Acq: 14 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.7	38.3	57.5

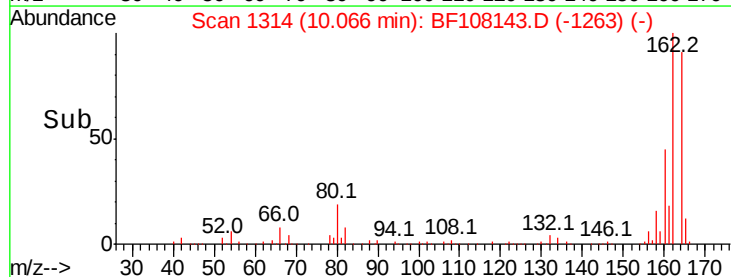
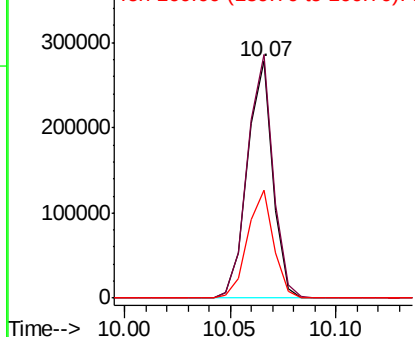


Abundance

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

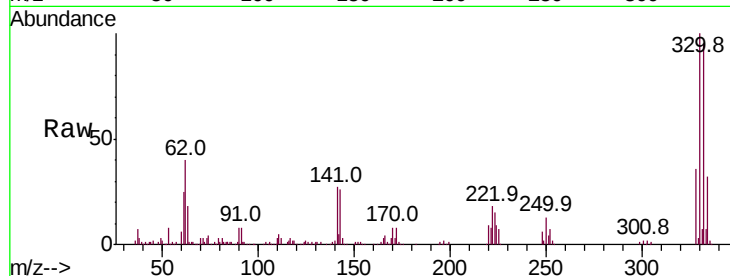




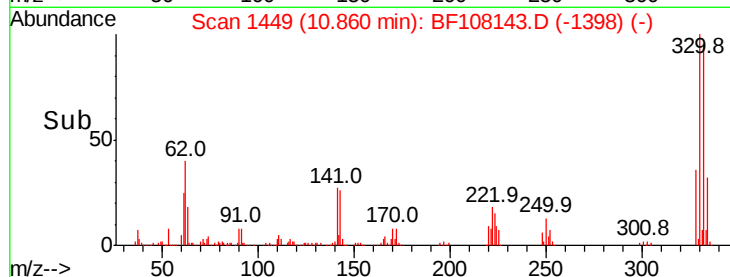
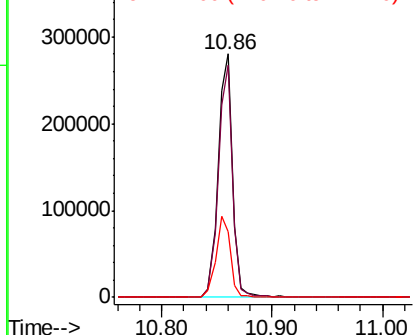
#41
 2,4,6-Tribromophenol
 Concen: 109.340 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108143.D
 Acq: 14 Aug 2018 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	33.4	29.9	44.9

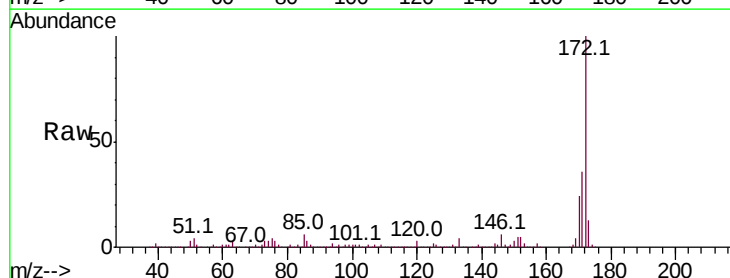


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

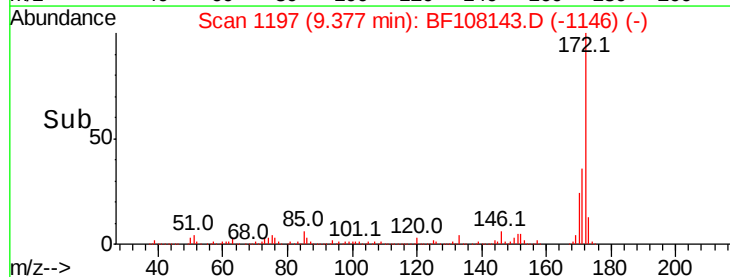
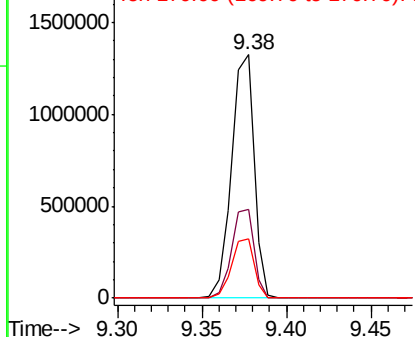


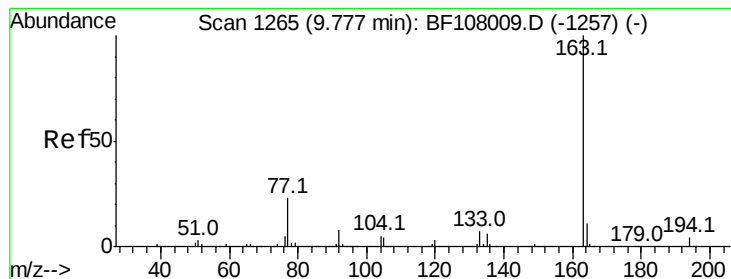
#44
 2-Fluorobiphenyl
 Concen: 84.940 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108143.D
 Acq: 14 Aug 2018 14:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	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: 8.687 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108143.D

Acq: 14 Aug 2018 14:33

Instrument :

BNA_F

ClientSampleId :

SP-1-9

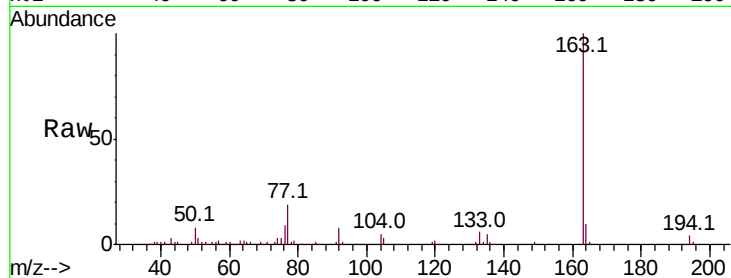
Tot Ion:163 Resp: 140494

Ion Ratio Lower Upper

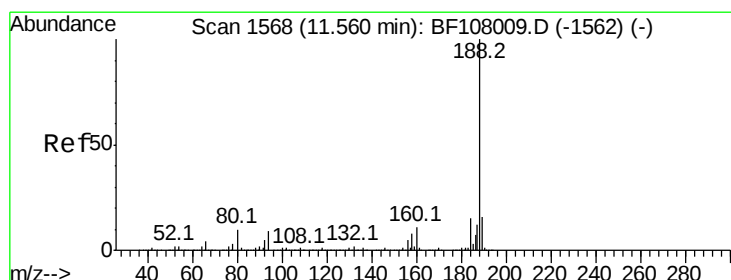
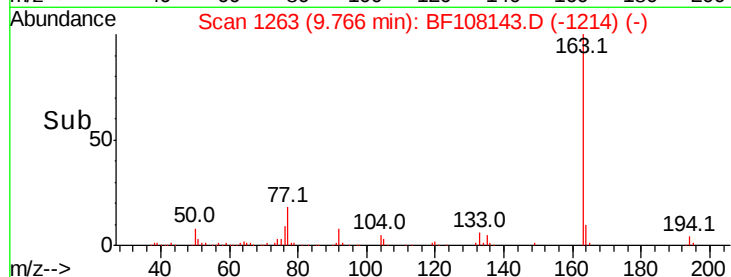
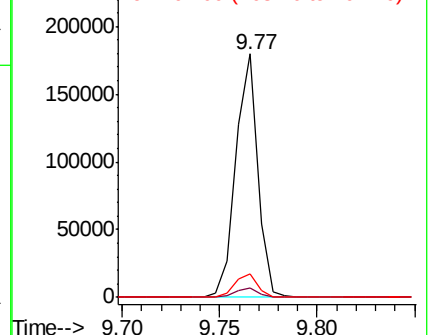
163 100

194 4.0 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: BF108143.D

Acq: 14 Aug 2018 14:33

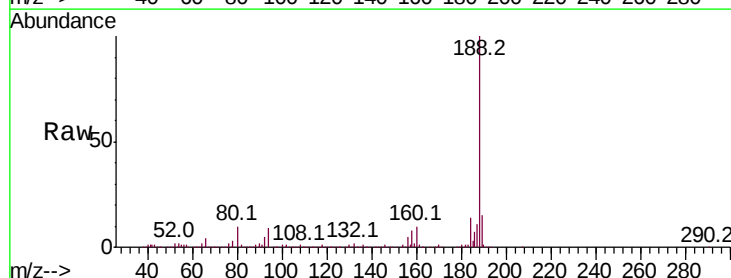
Tgt Ion:188 Resp: 457251

Ion Ratio Lower Upper

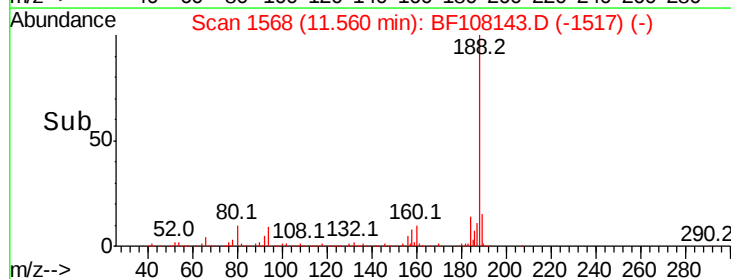
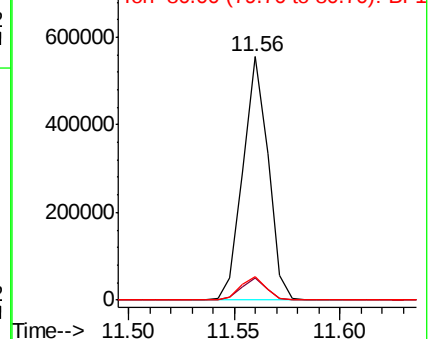
188 100

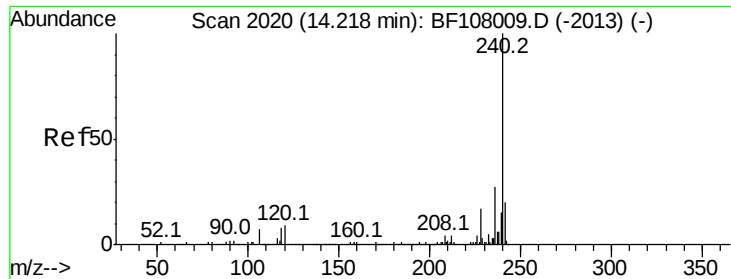
94 9.0 8.5 12.7

80 9.6 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: BF108143.D

Acq: 14 Aug 2018 14:33

Instrument :

BNA_F

ClientSampleId :

SP-1-9

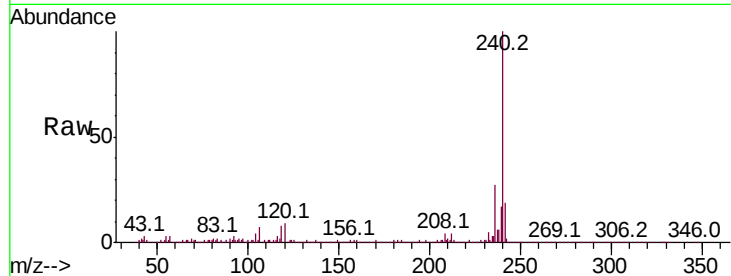
Tot Ion:240 Resp: 436743

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

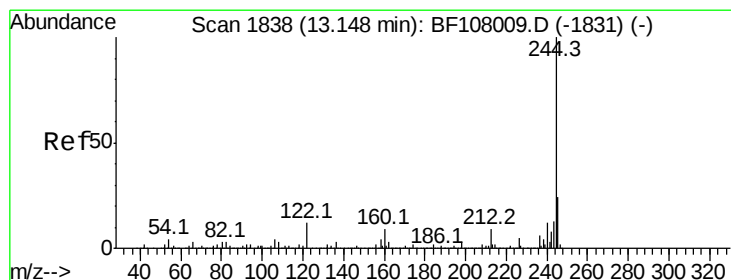
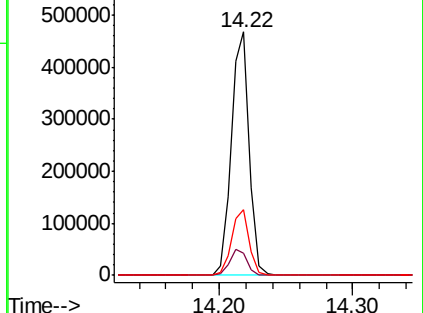
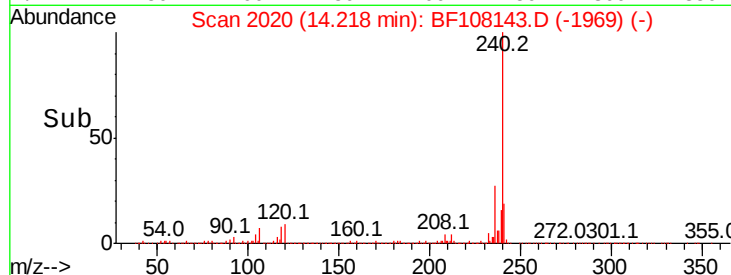
236 27.1 20.7 31.1



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: 82.440 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108143.D

Acq: 14 Aug 2018 14:33

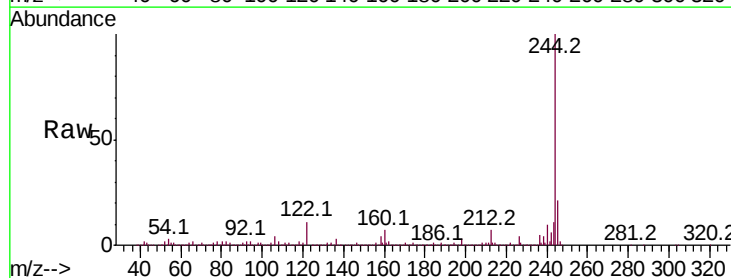
Tgt Ion:244 Resp: 1416084

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

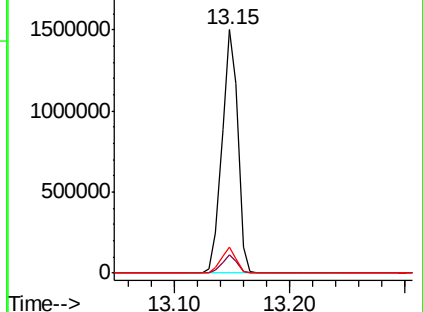
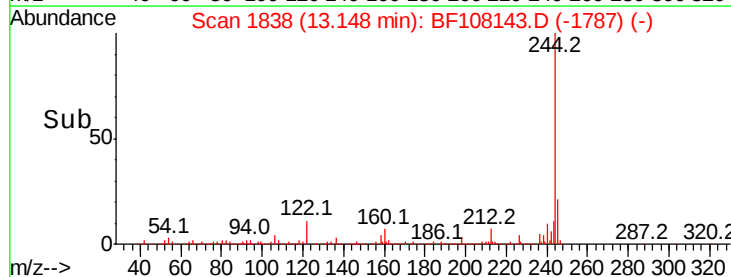
122 10.8 11.0 16.4#

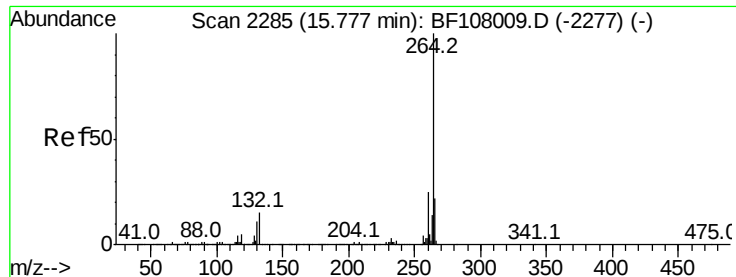


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

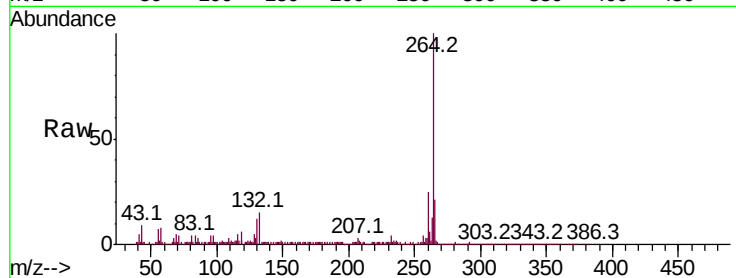




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108143.D
Acq: 14 Aug 2018 14:33

Instrument :
BNA_F
ClientSampleId :
SP-1-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	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

