

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108571.D
 Acq On : 28 Aug 2018 22:23
 Operator : JU/SJ
 Sample : J4556-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180535-AMENDED-COMPOSITE-(

Quant Time: Aug 29 04:13:21 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

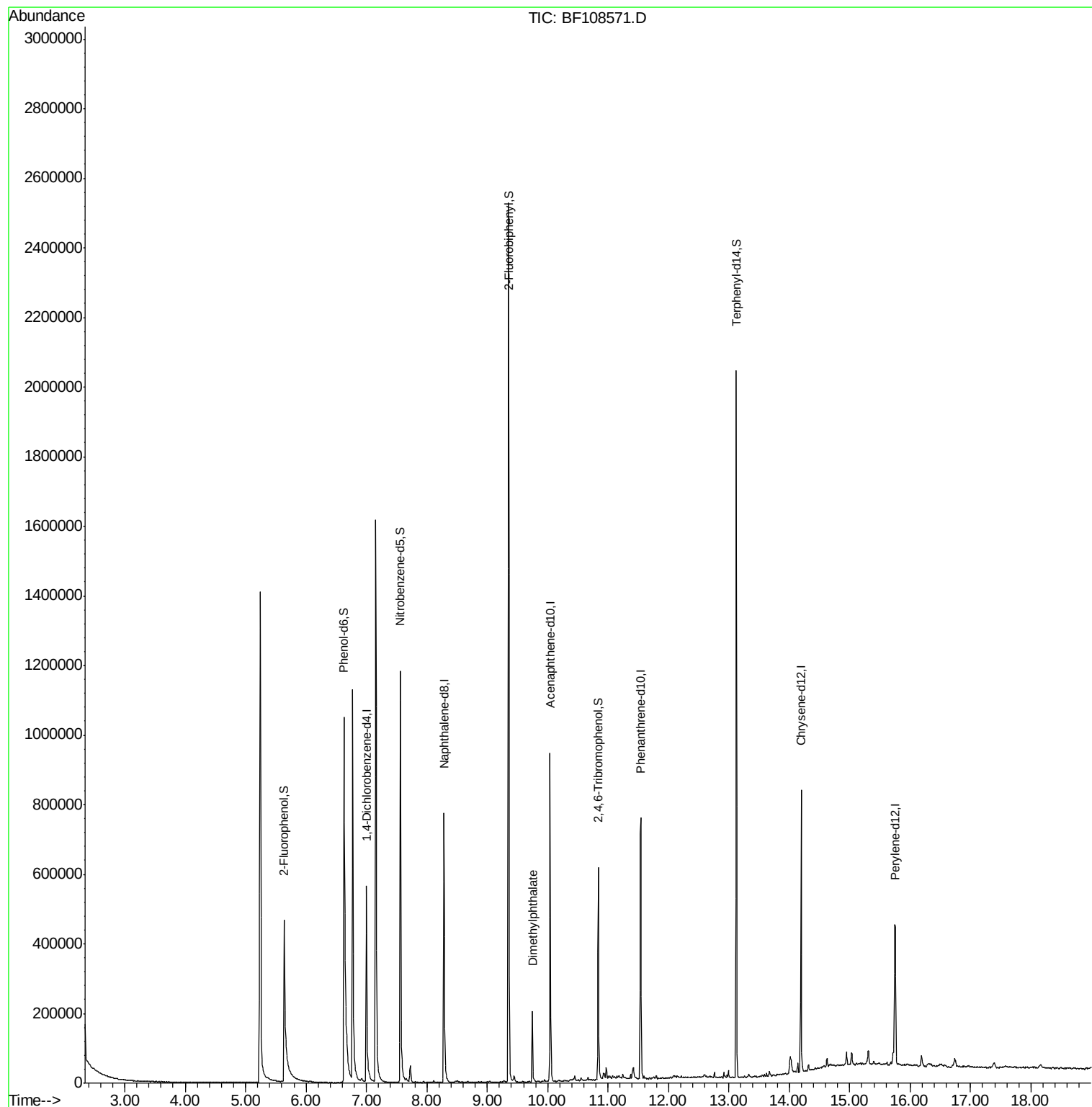
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	106696	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	405962	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	182501	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	298269	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272329	20.00	ng	0.00
86) Perylene-d12	15.75	264	217468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	252118	42.78	ng	0.00
7) Phenol-d6	6.63	99	557091	71.14	ng	0.00
23) Nitrobenzene-d5	7.56	82	460606	63.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	74480	40.91	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	784365	69.00	ng	-0.01
78) Terphenyl-d14	13.12	244	670521	62.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	92963	7.313	ng	Qvalue # 99

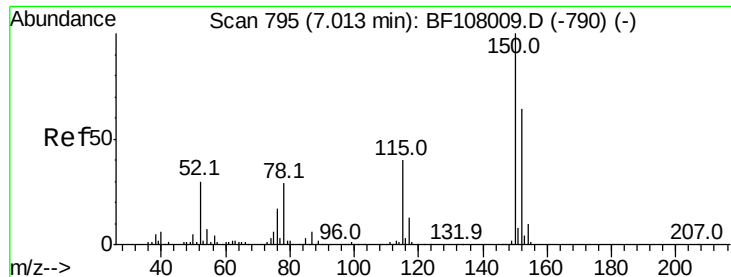
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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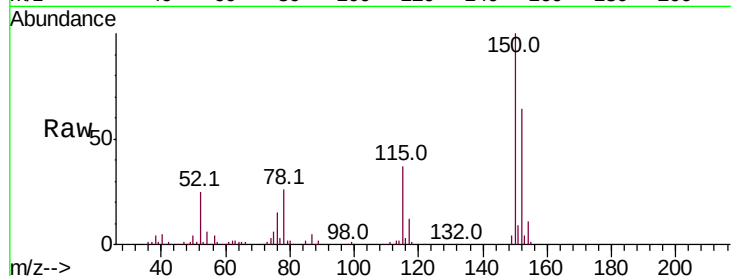


#1

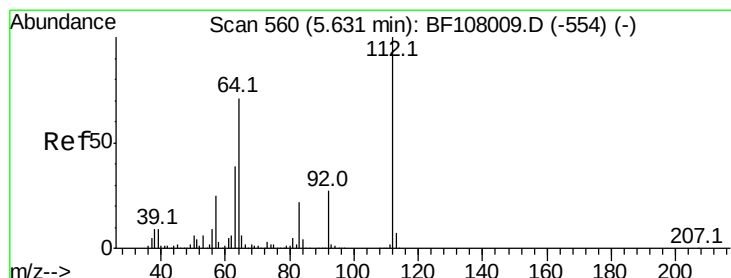
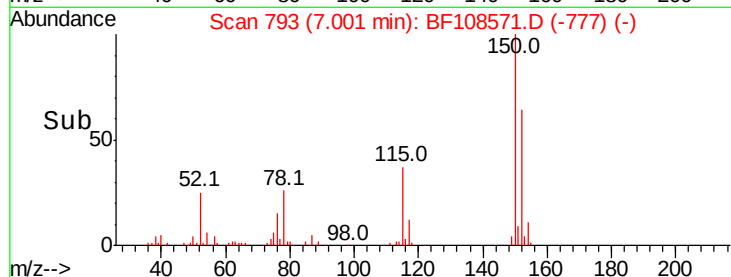
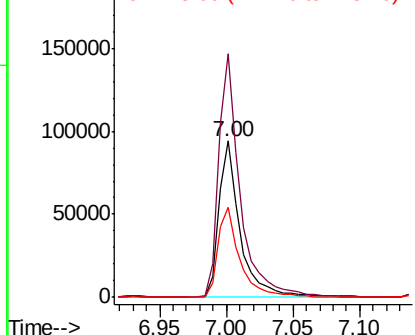
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(

Tot Ion:152 Resp: 106696
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.0 50.1 75.1



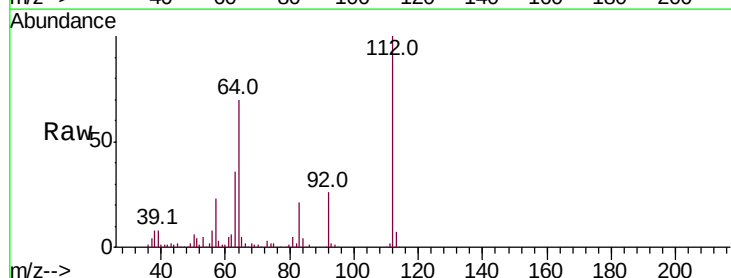
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



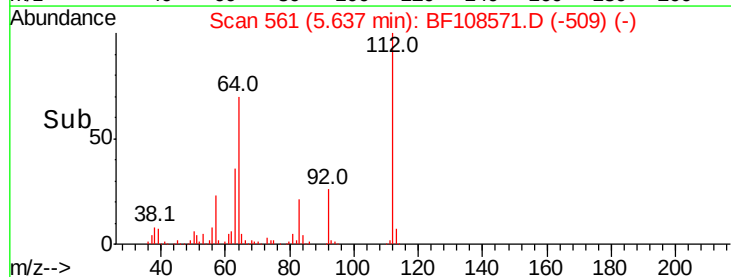
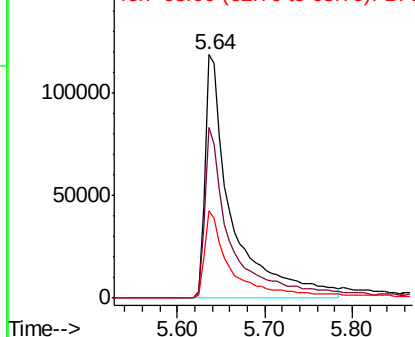
#5

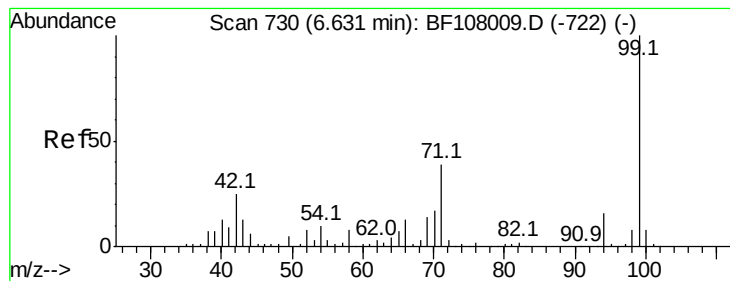
2-Fluorophenol
Concen: 42.780 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Tgt Ion:112 Resp: 252118
Ion Ratio Lower Upper
112 100
64 69.9 47.9 71.9
63 36.2 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: 71.135 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

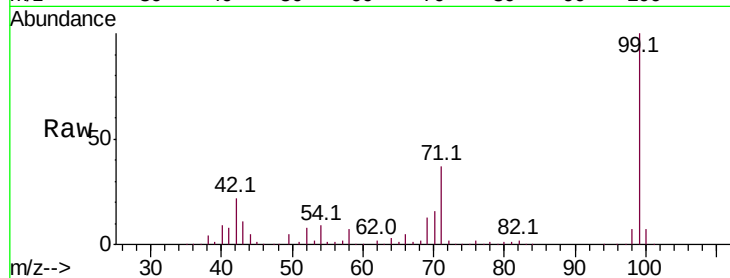
BNA_F

ClientSampleId :

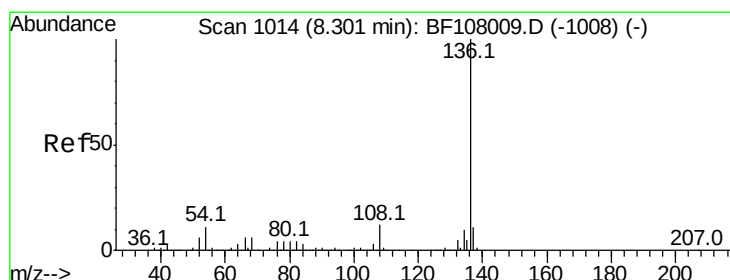
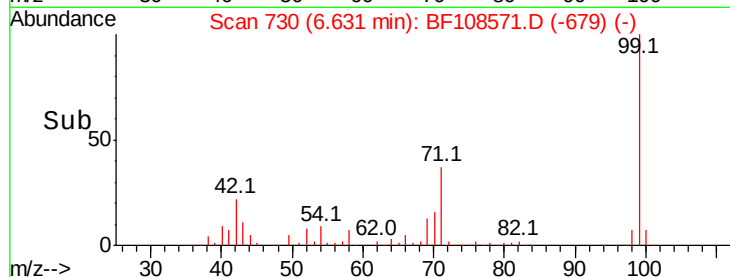
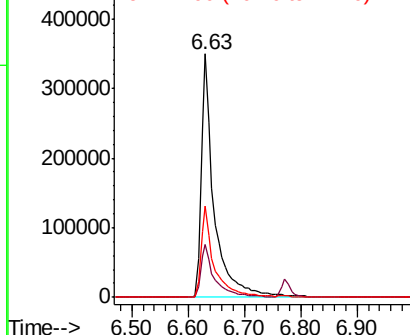
20180535-AMENDED-COMPOSITE-(-)

Tot Ion: 99 Resp: 557091

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	37.4	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

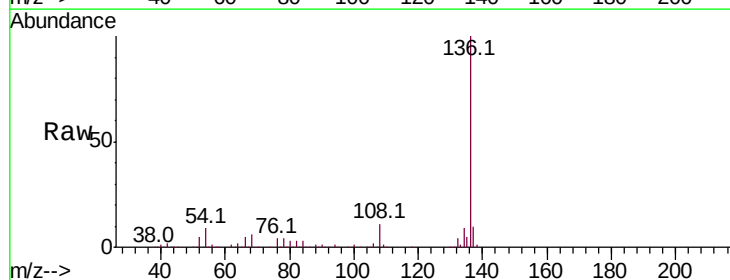
Delta R.T. -0.01 min

Lab File: BF108571.D

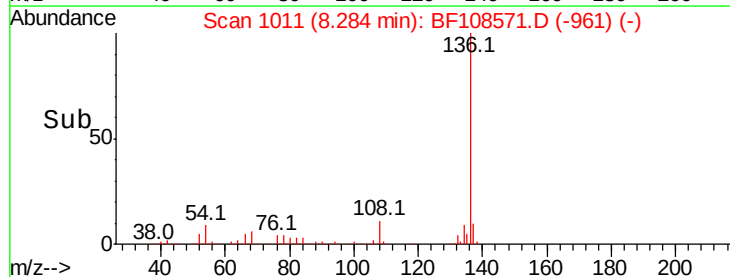
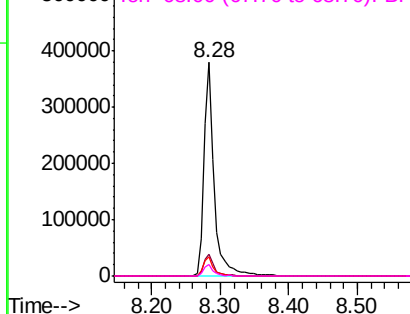
Acq: 28 Aug 2018 22:23

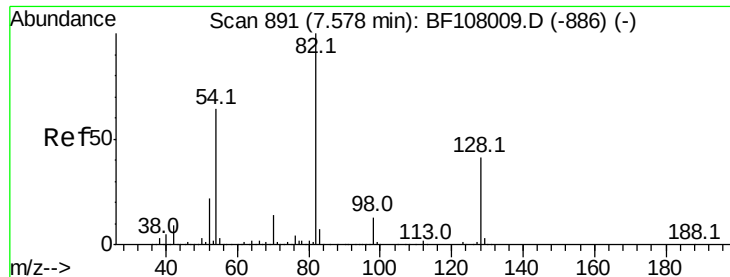
Tgt Ion: 136 Resp: 405962

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	8.8	6.6	9.8
68	5.6	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

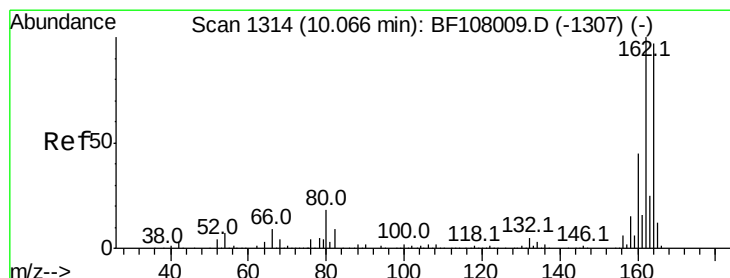
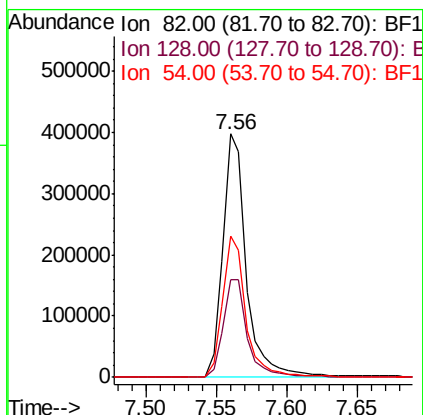
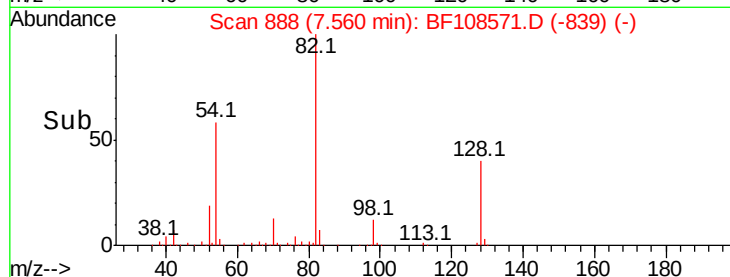
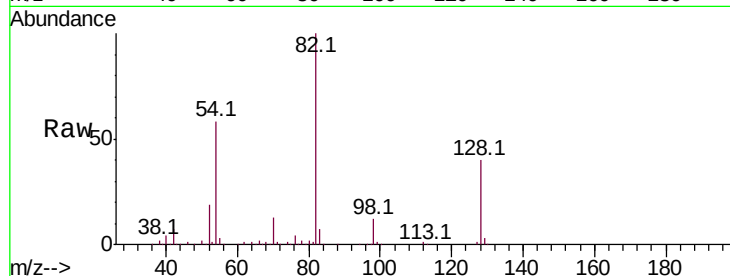




#23
Nitrobenzene-d5
Concen: 63.313 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

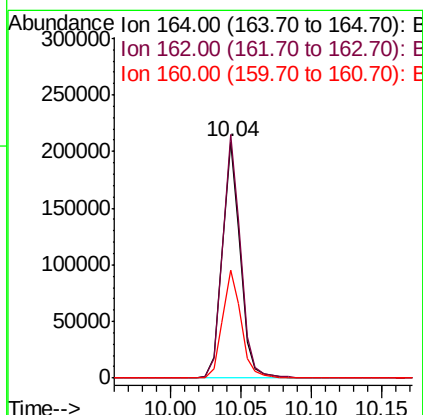
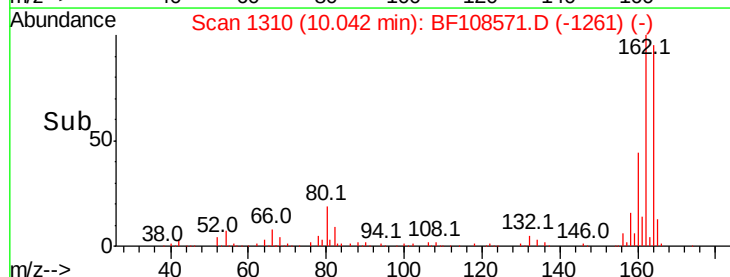
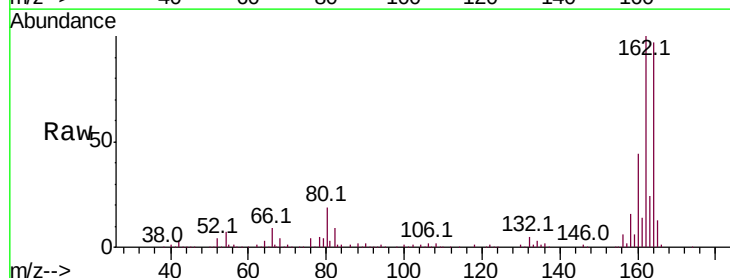
Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(-)

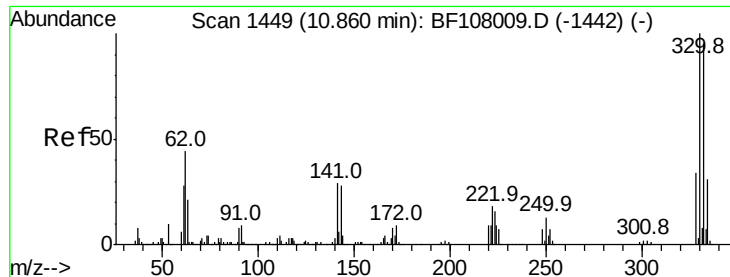
Tot Ion: 82 Resp: 460606
Ion Ratio Lower Upper
82 100
128 40.2 36.1 54.1
54 58.0 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Tgt Ion:164 Resp: 182501
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 40.914 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

BNA_F

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-

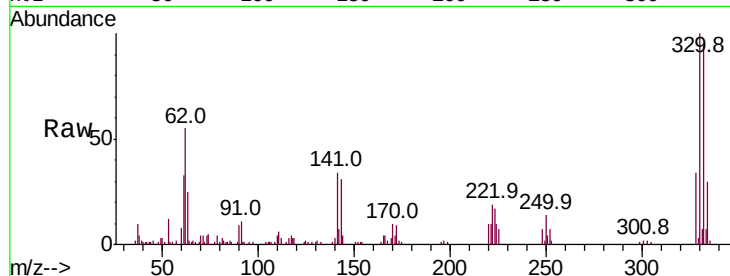
Tot Ion:330 Resp: 74480

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

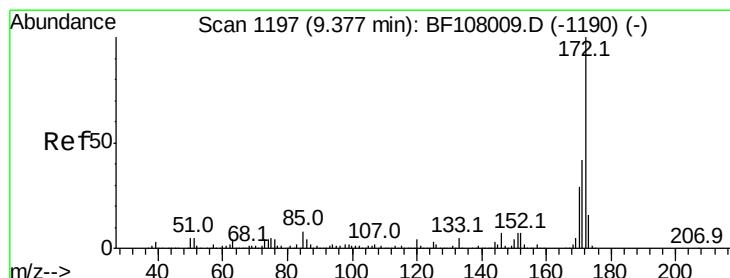
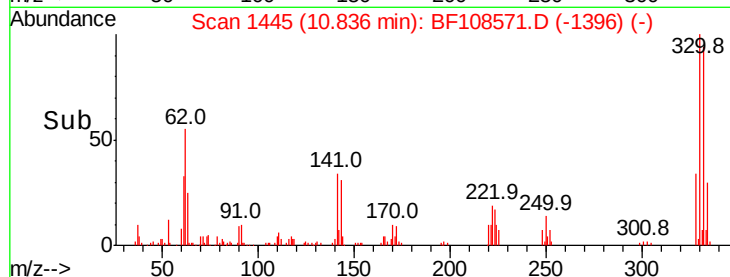
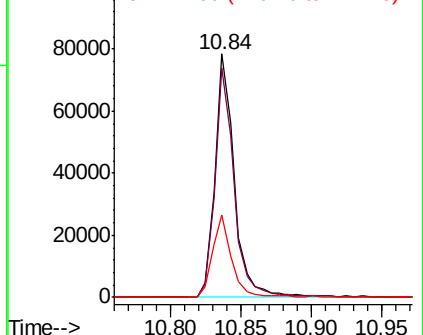
141 33.2 29.9 44.9



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: 69.001 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

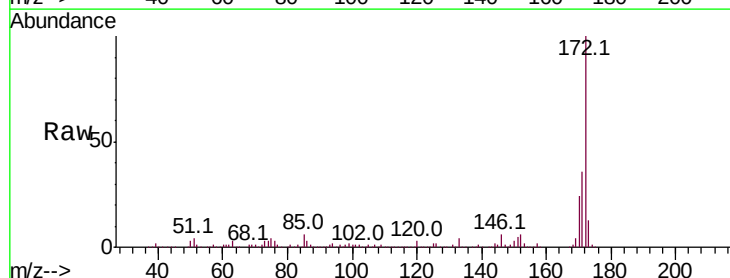
Tgt Ion:172 Resp: 784365

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

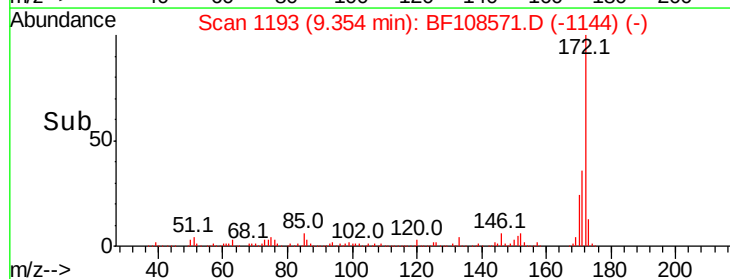
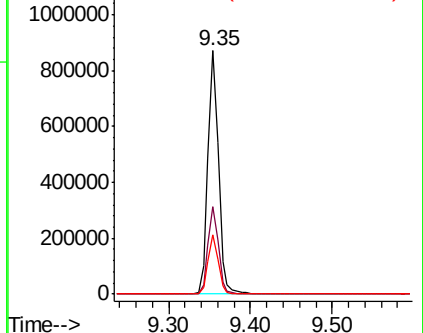
170 24.2 19.6 29.4

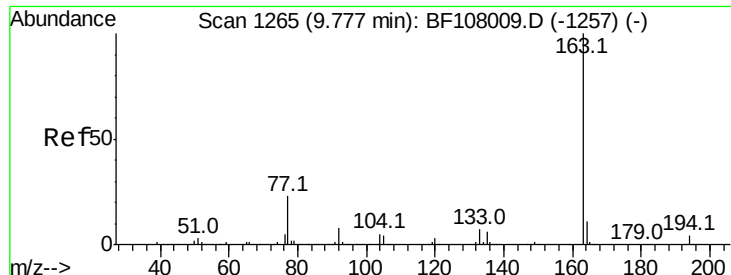


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

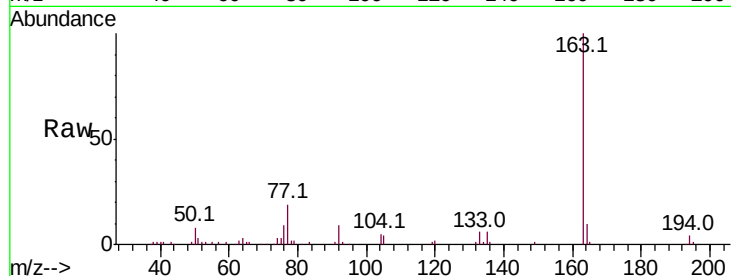




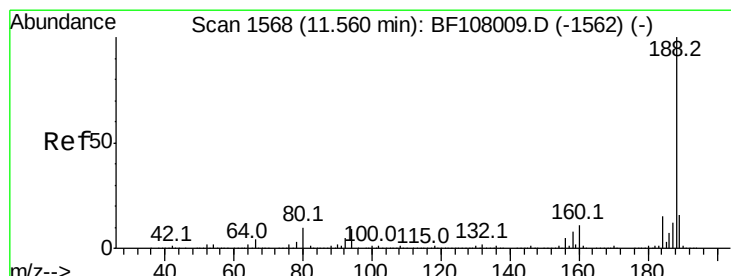
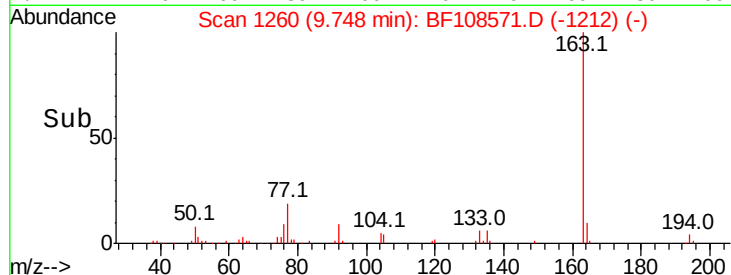
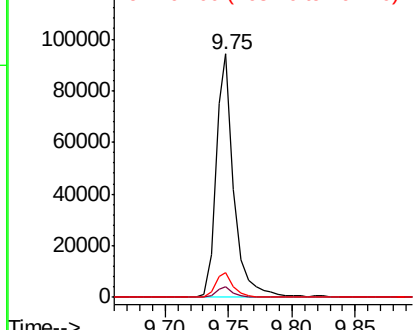
#49
Dimethylphthalate
Concen: 7.313 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(-)

Tot Ion:163 Resp: 92963
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2

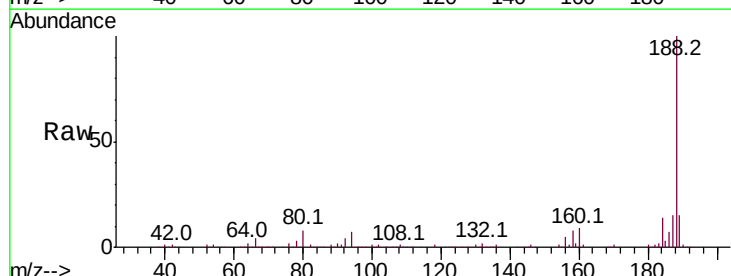


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

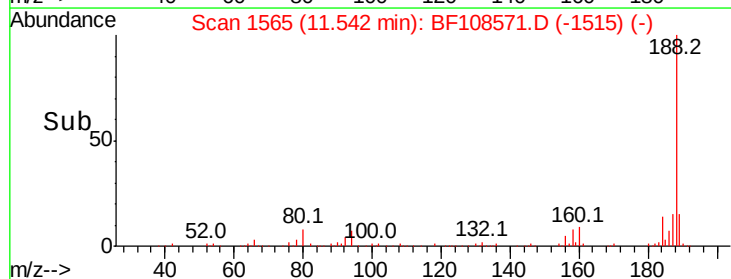
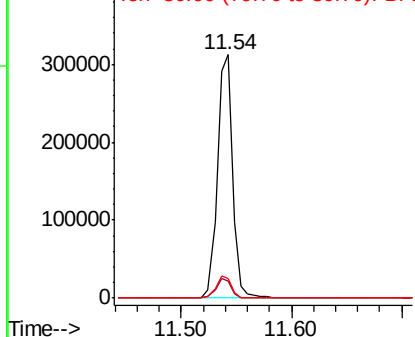


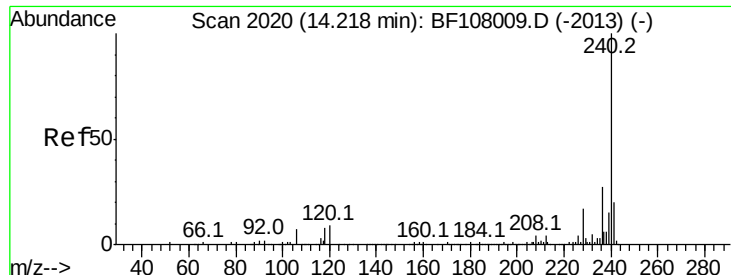
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Tgt Ion:188 Resp: 298269
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 8.0 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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

BNA_F

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-

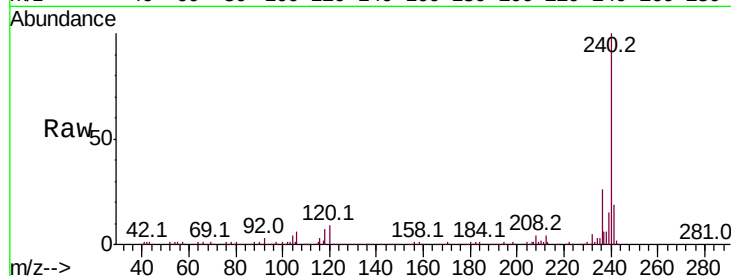
Tot Ion:240 Resp: 272329

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

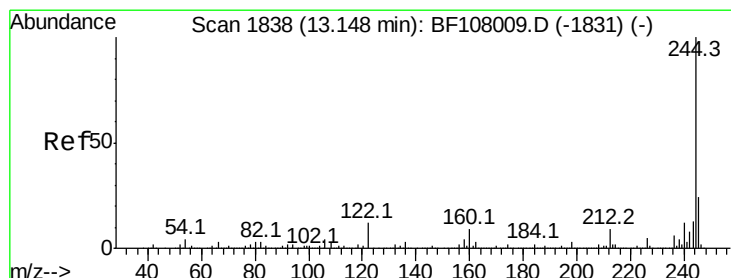
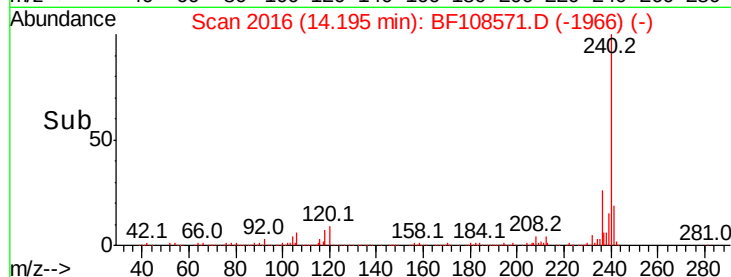
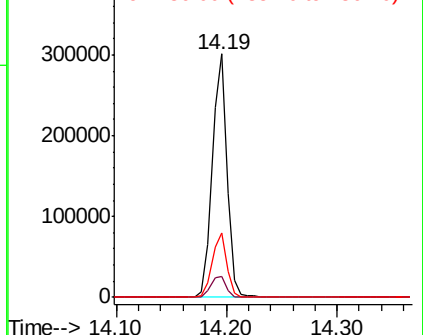
236 26.3 20.7 31.1



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: 62.602 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

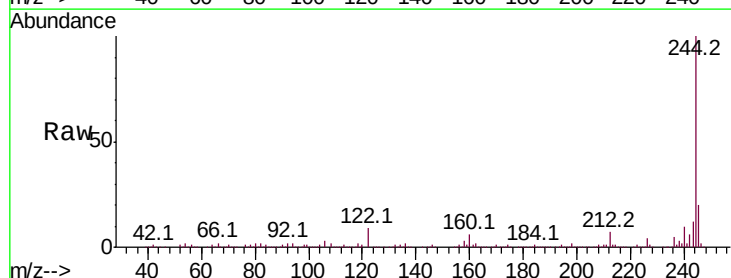
Tgt Ion:244 Resp: 670521

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

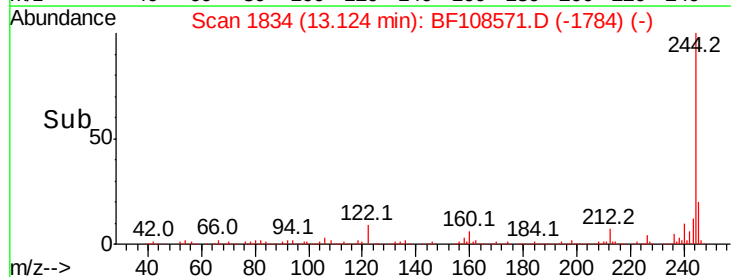
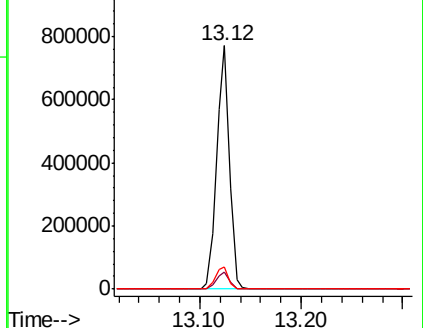
122 9.2 11.0 16.4#

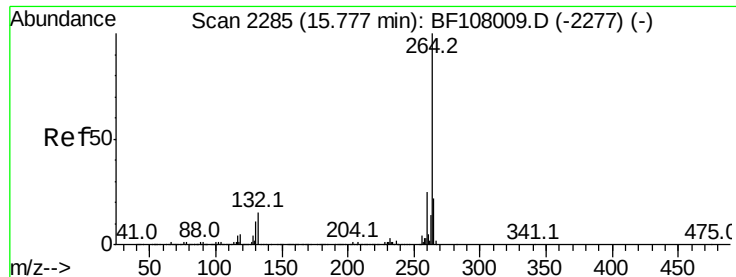


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

