

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
 Data File : BF108556.D
 Acq On : 28 Aug 2018 15:38
 Operator : JU/SJ
 Sample : J4538-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VSS4RE

Quant Time: Aug 28 16:35:30 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

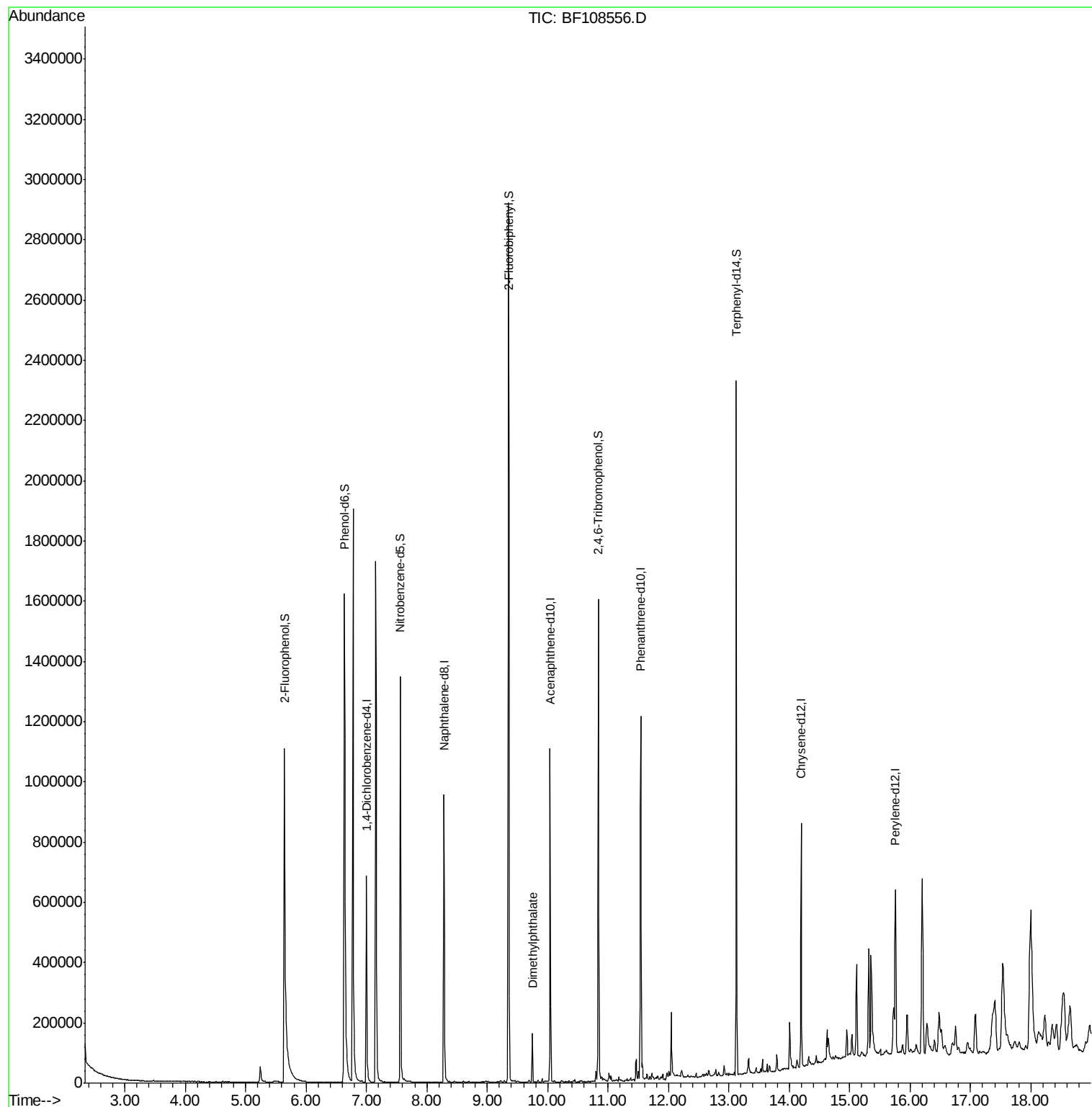
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	114624	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	437525	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	220220	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	405850	20.00	ng	0.00
75) Chrysene-d12	14.19	240	268297	20.00	ng	0.00
86) Perylene-d12	15.75	264	287920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	541946	85.60	ng	0.01
7) Phenol-d6	6.64	99	723522	86.00	ng	0.00
23) Nitrobenzene-d5	7.56	82	465867	59.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	200698	91.37	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	888180	64.75	ng	-0.01
78) Terphenyl-d14	13.12	244	740916	70.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	63876	4.164	ng	Qvalue 100

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

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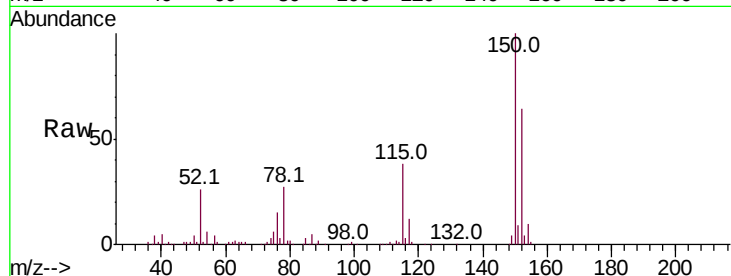


#1

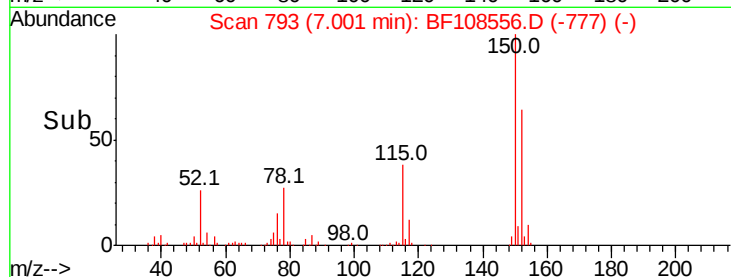
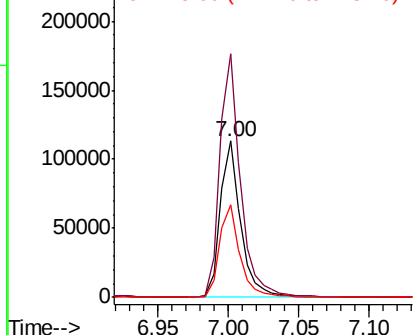
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampled :
VSS4RE

Tot Ion:152 Resp: 114624
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 59.5 50.1 75.1



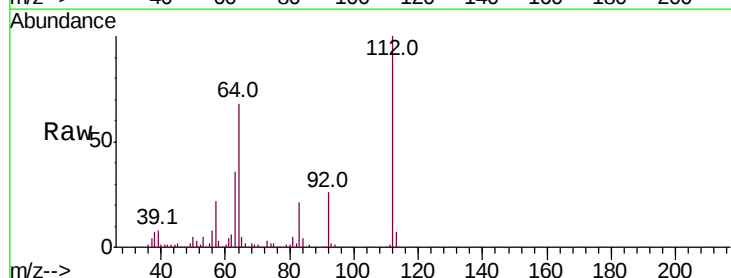
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



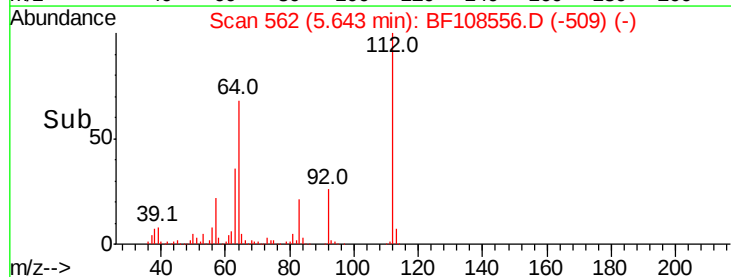
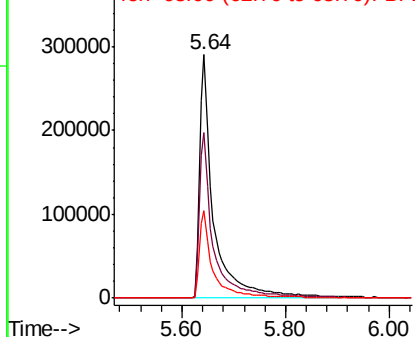
#5

2-Fluorophenol
Concen: 85.599 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:112 Resp: 541946
Ion Ratio Lower Upper
112 100
64 68.0 47.9 71.9
63 35.8 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: 85.997 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108556.D

Acq: 28 Aug 2018 15:38

Instrument :

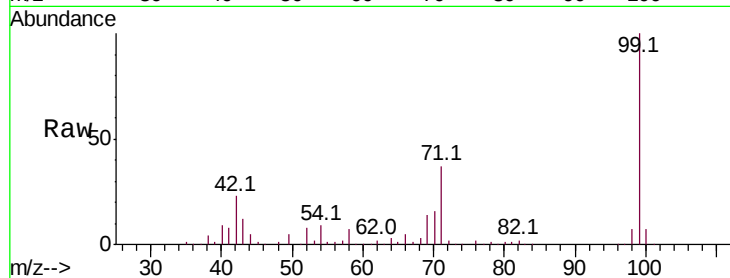
BNA_F

ClientSampleId :

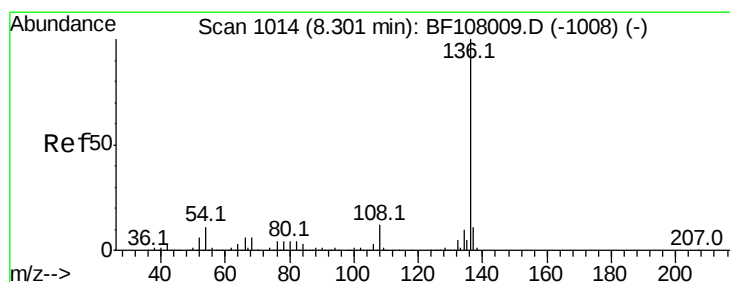
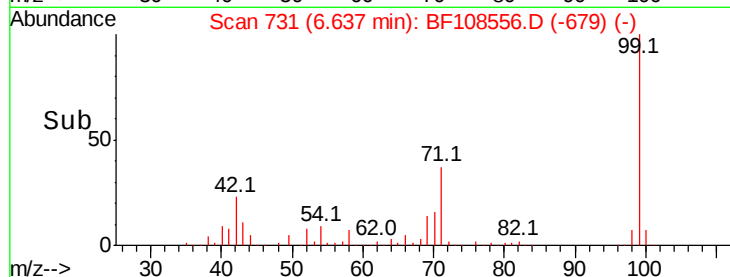
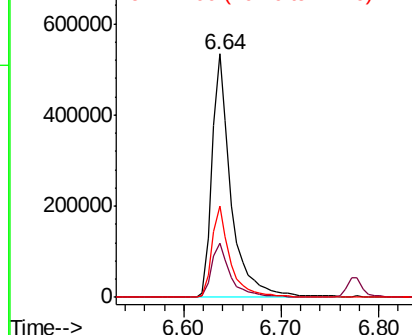
VSS4RE

Tot Ion: 99 Resp: 723522

Ion	Ratio	Lower	Upper
99	100		
42	22.5	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

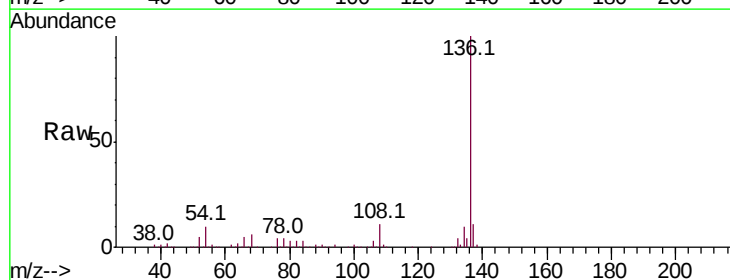
Delta R.T. -0.01 min

Lab File: BF108556.D

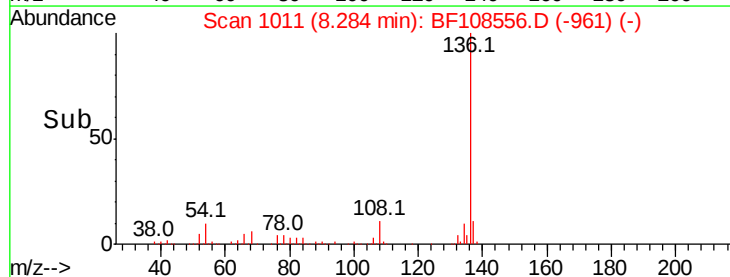
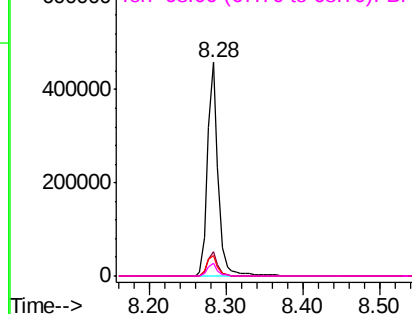
Acq: 28 Aug 2018 15:38

Tgt Ion: 136 Resp: 437525

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.8	6.6	9.8
68	5.7	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

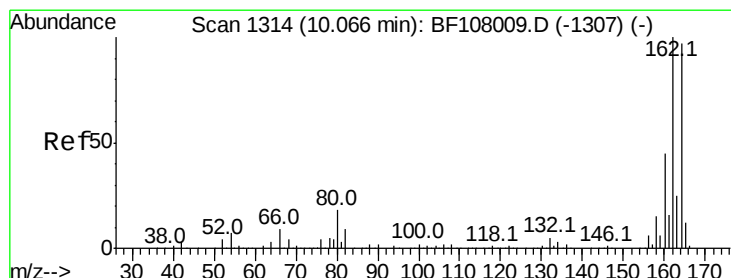
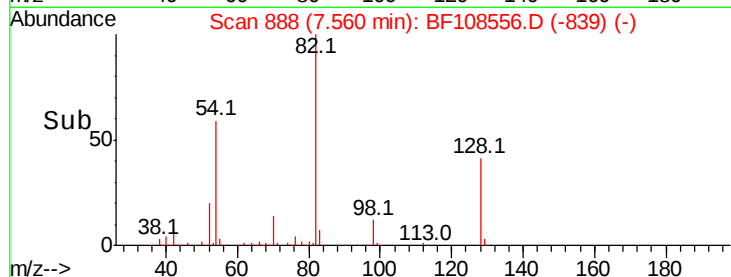
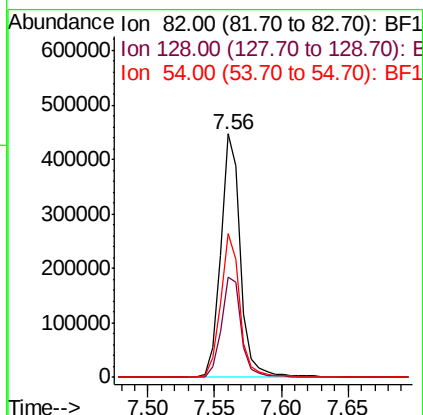
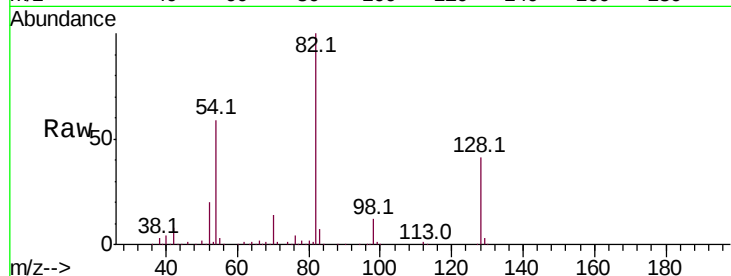




#23
 Nitrobenzene-d5
 Concen: 59.416 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108556.D
 Acq: 28 Aug 2018 15:38

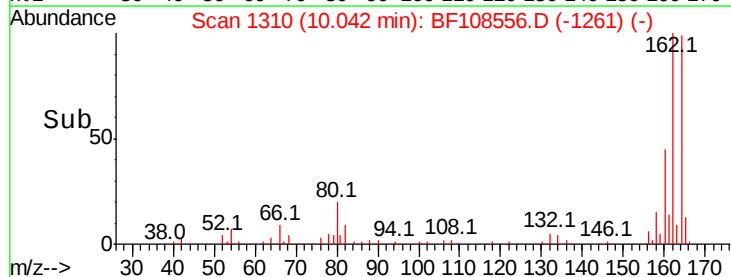
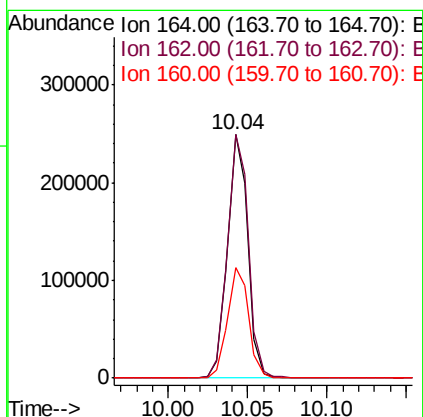
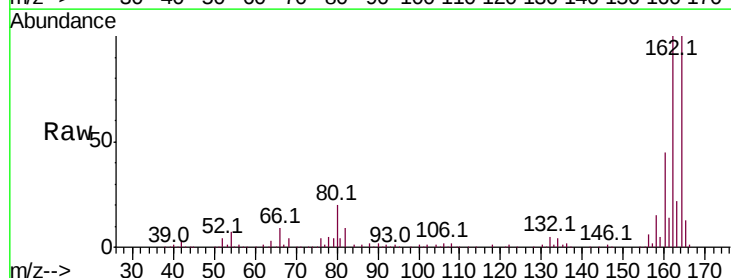
Instrument :
 BNA_F
 ClientSampled :
 VSS4RE

Tot Ion: 82 Resp: 465867
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.1 54.1
 54 59.3 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: BF108556.D
 Acq: 28 Aug 2018 15:38

Tgt Ion: 164 Resp: 220220
 Ion Ratio Lower Upper
 164 100
 162 100.1 86.1 129.1
 160 45.2 38.3 57.5

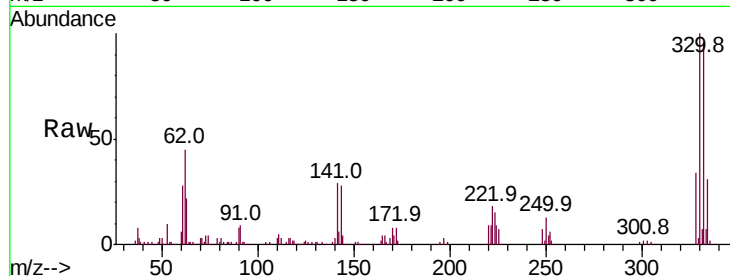




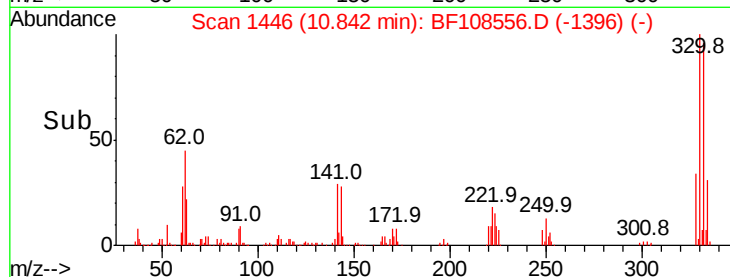
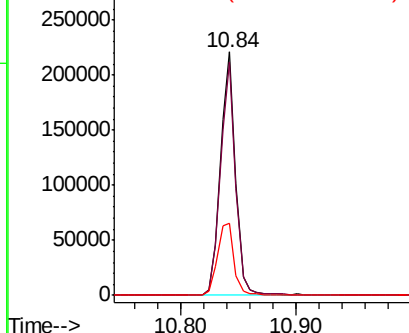
#41
 2,4,6-Tribromophenol
 Concen: 91.366 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108556.D
 Acq: 28 Aug 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 VSS4RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.5	29.9	44.9

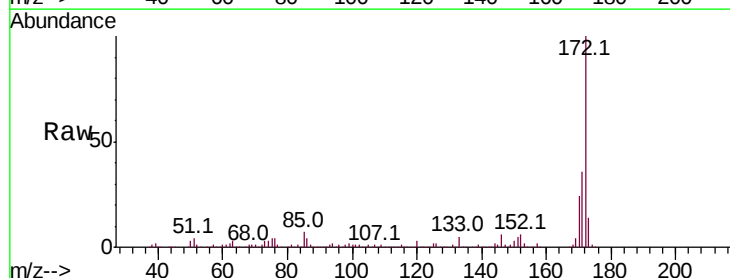


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

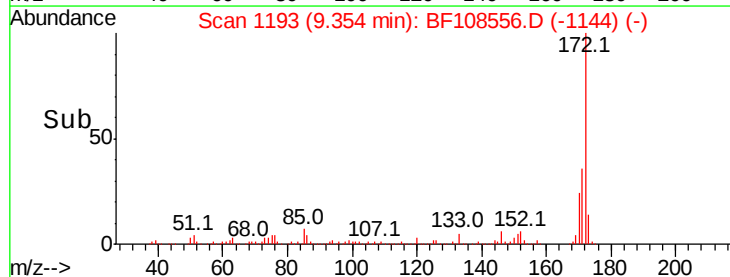
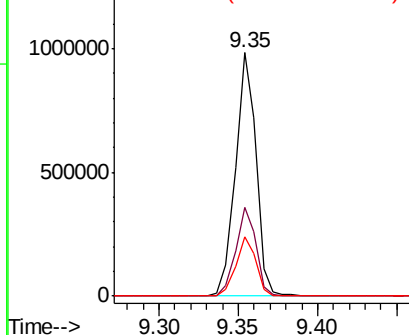


#44
 2-Fluorobiphenyl
 Concen: 64.751 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108556.D
 Acq: 28 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	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

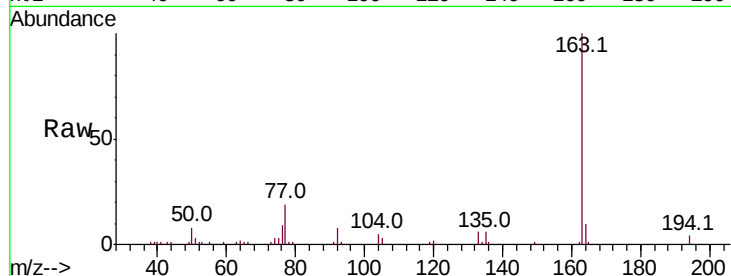




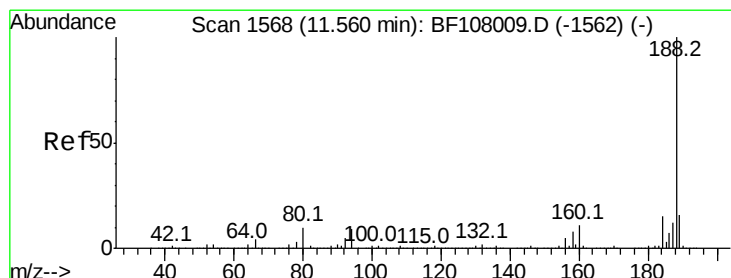
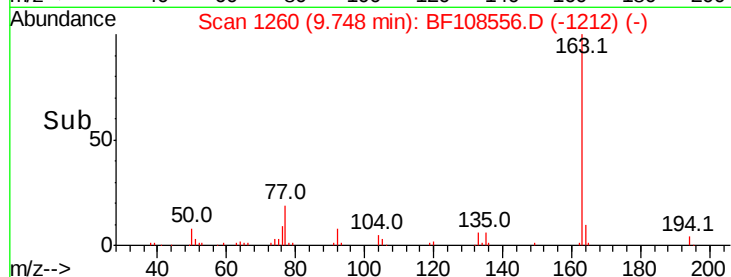
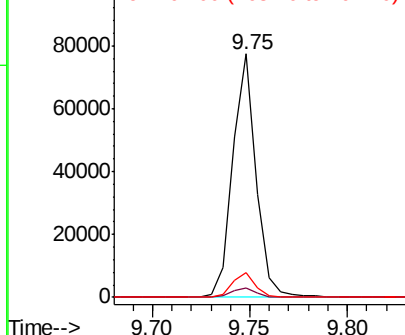
#49
Dimethylphthalate
Concen: 4.164 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Instrument :
BNA_F
ClientSampled :
VSS4RE

Tot Ion:163 Resp: 63876
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

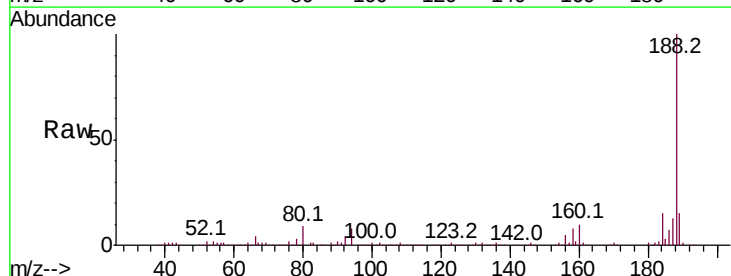


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

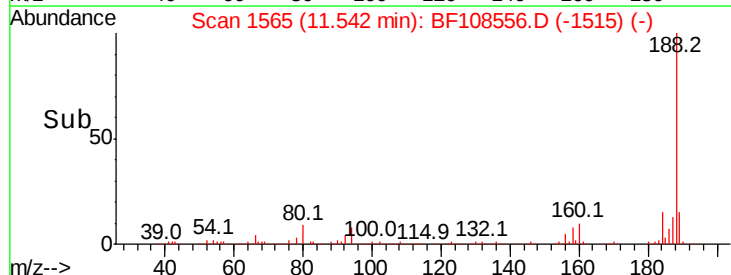
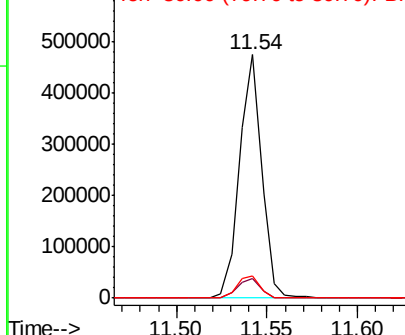


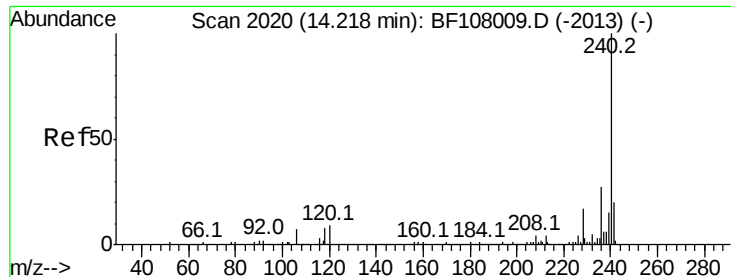
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108556.D
Acq: 28 Aug 2018 15:38

Tgt Ion:188 Resp: 405850
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.3 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: BF108556.D

Acq: 28 Aug 2018 15:38

Instrument :

BNA_F

ClientSampleId :

VSS4RE

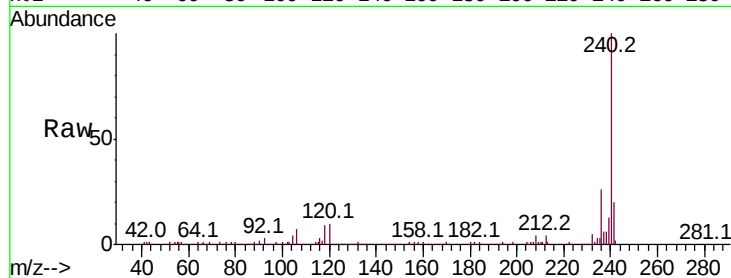
Tot Ion:240 Resp: 268297

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

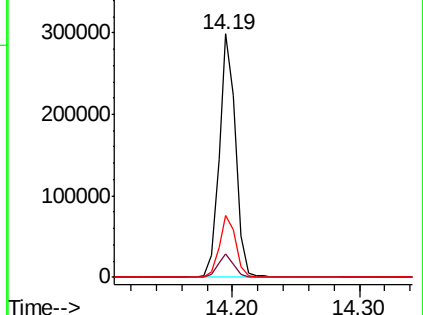
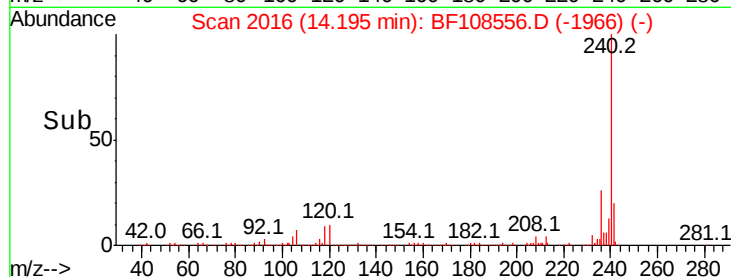
236 25.6 20.7 31.1



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: 70.214 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108556.D

Acq: 28 Aug 2018 15:38

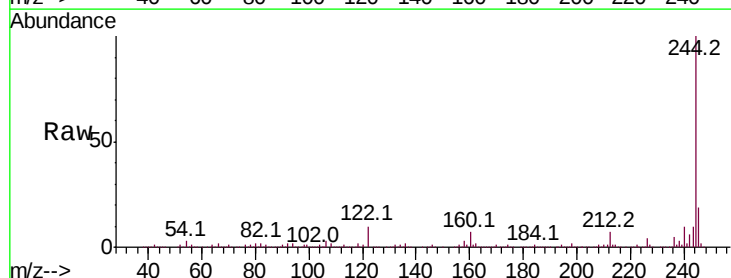
Tgt Ion:244 Resp: 740916

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

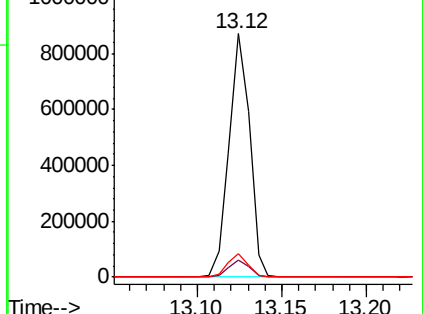
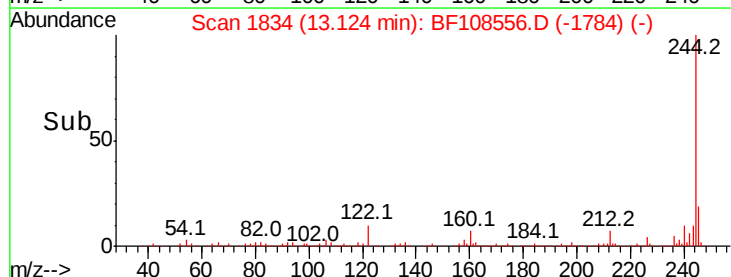
122 9.5 11.0 16.4#

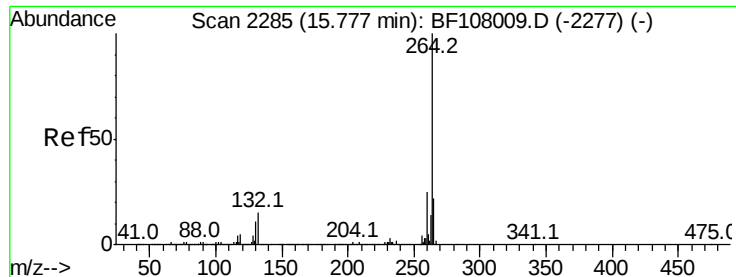


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108556.D
 Acq: 28 Aug 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 VSS4RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.9	17.5	26.3

