

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108754.D
 Acq On : 4 Sep 2018 21:16
 Operator : JU/SJ
 Sample : J4748-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: Sep 05 05:39:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

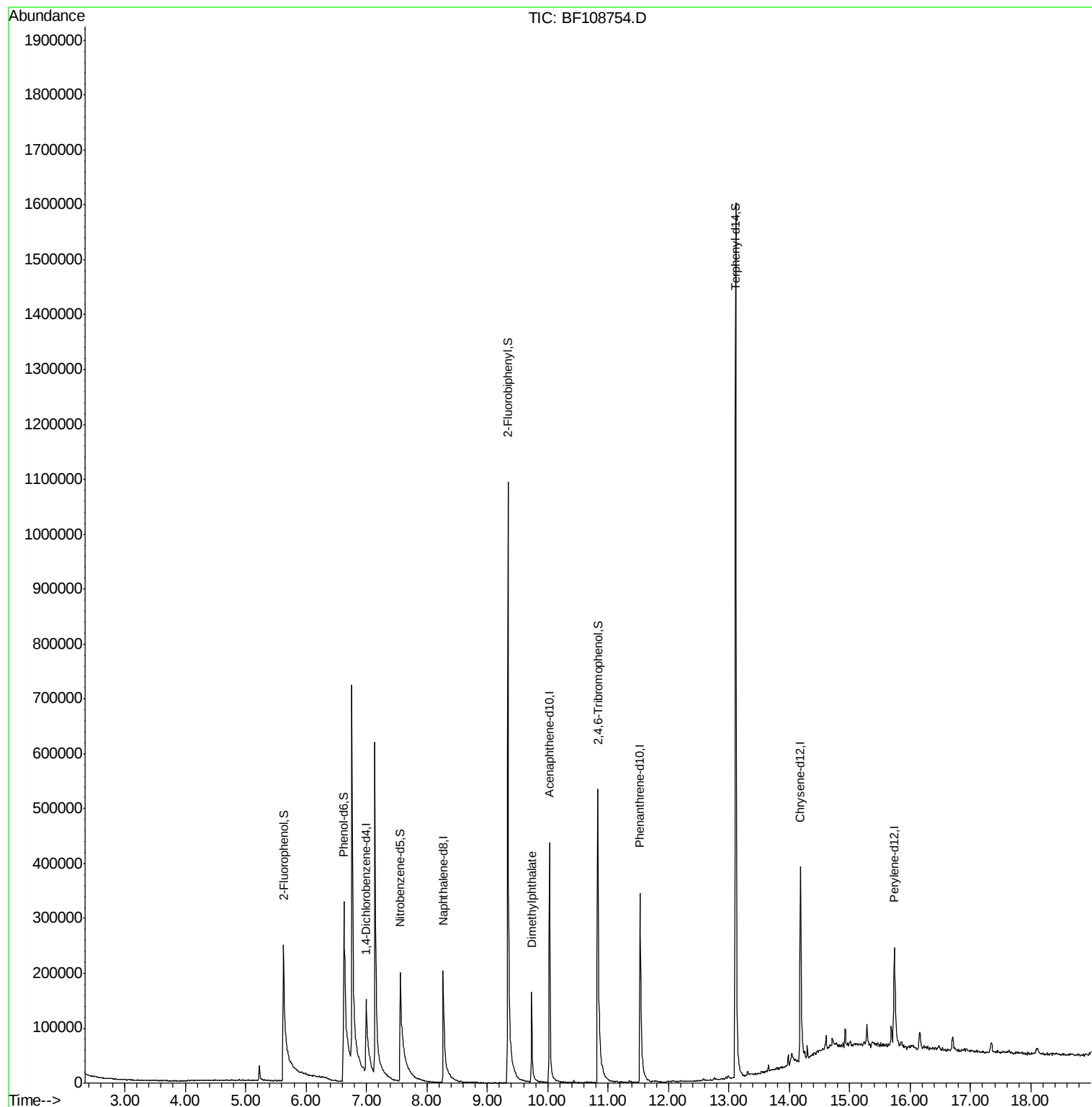
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	58510	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	227081	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	116287	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	247407	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	193824	20.00	ng	-0.02
86) Perylene-d12	15.74	264	133771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	218927	65.00	ng	-0.02
7) Phenol-d6	6.62	99	388462	80.53	ng	-0.02
23) Nitrobenzene-d5	7.56	82	249247	55.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	130915	85.28	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	545291	63.05	ng	-0.02
78) Terphenyl-d14	13.11	244	717350	71.91	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.74	163	102699	11.215	ng	# 99

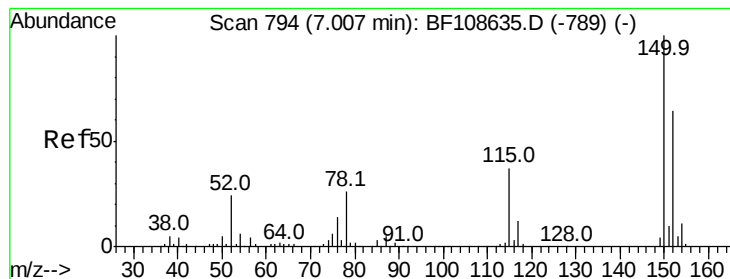
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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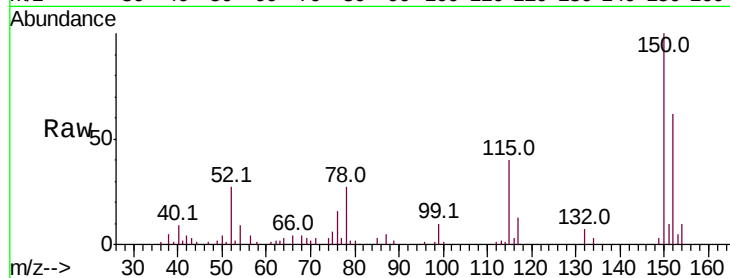


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Instrument :
BNA_F
ClientSampleId :
SB-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	64.0	50.1	75.1

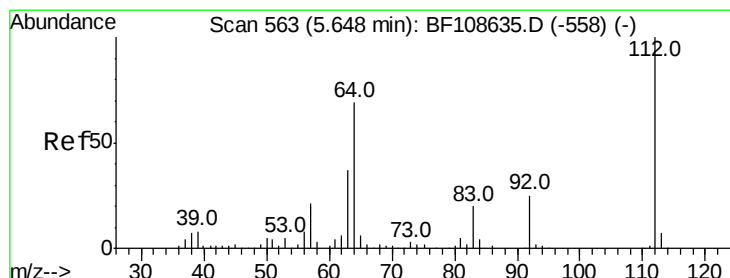
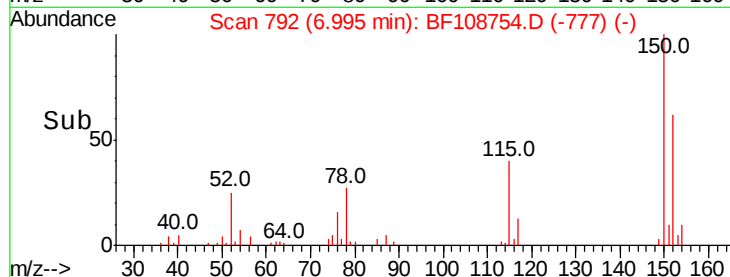
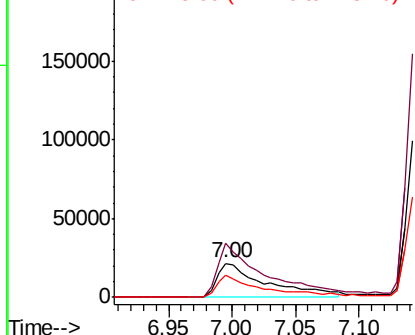


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

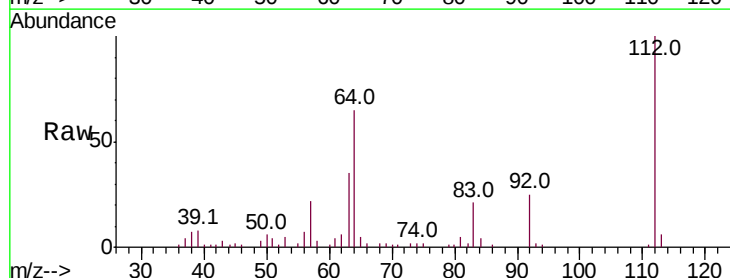
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.001 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	34.6	23.7	35.5

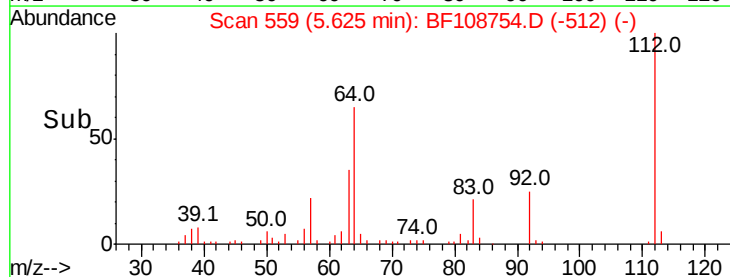
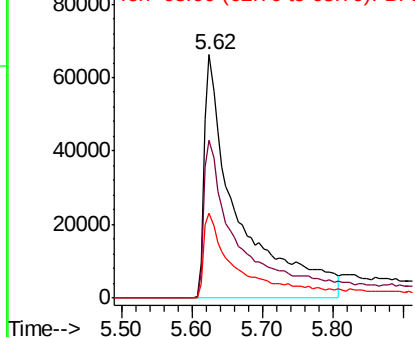


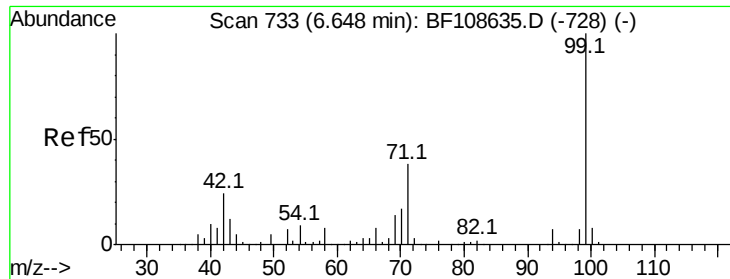
Abundance

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: 80.528 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Instrument :

BNA_F

ClientSampled :

SB-10

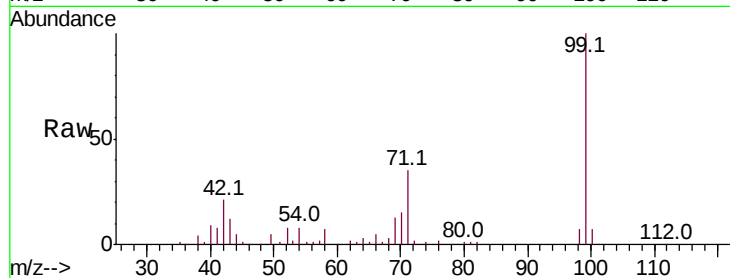
Tot Ion: 99 Resp: 388462

Ion Ratio Lower Upper

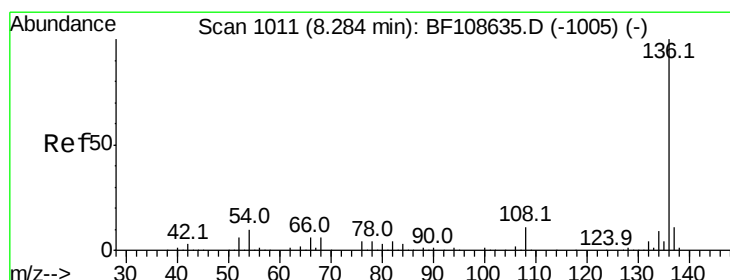
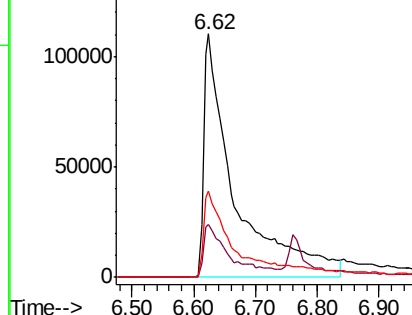
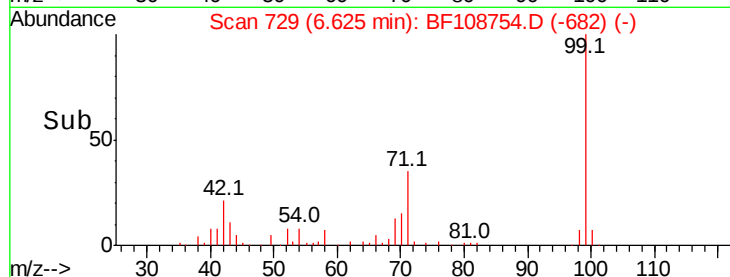
99 100

42 21.5 14.5 21.7

71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
150000
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: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Tgt Ion: 136 Resp: 227081

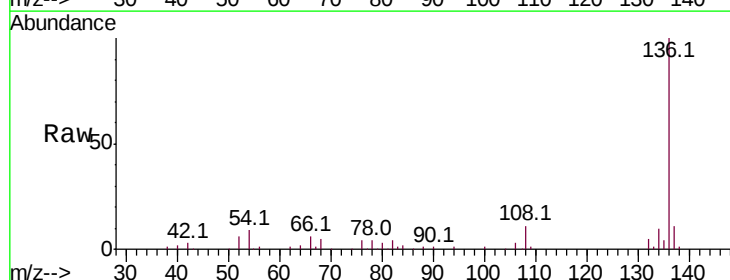
Ion Ratio Lower Upper

136 100

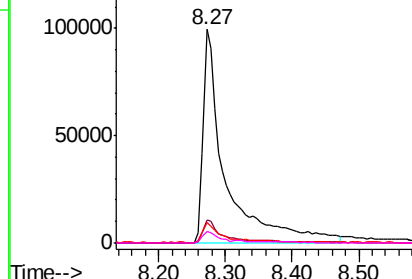
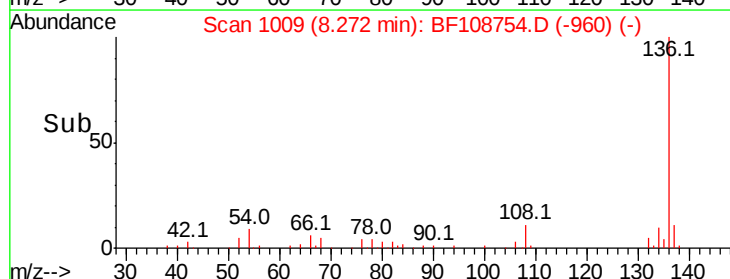
137 10.7 8.9 13.3

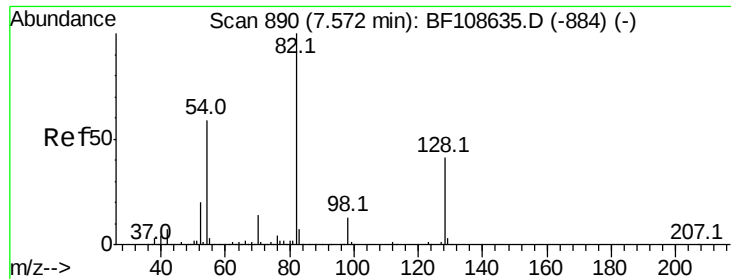
54 9.5 6.6 9.8

68 5.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
150000
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

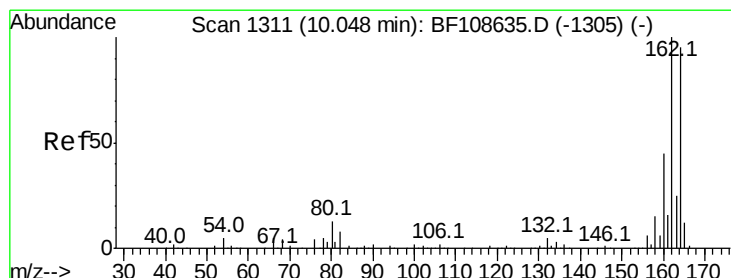
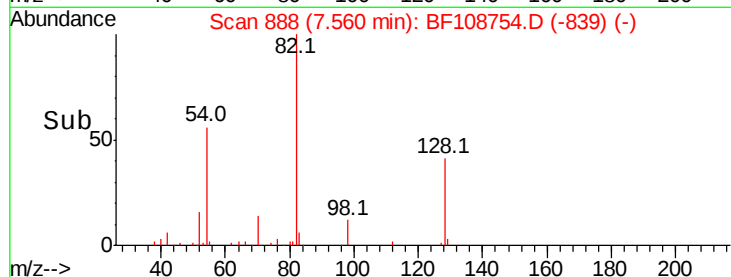
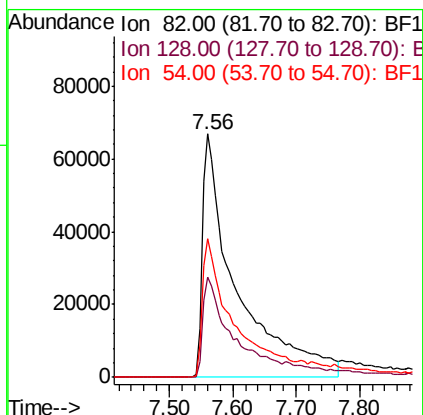
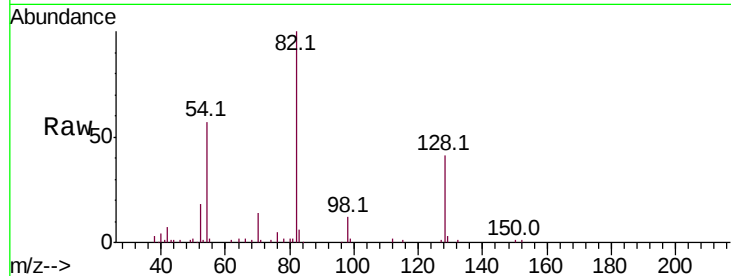




#23
 Nitrobenzene-d5
 Concen: 55.713 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

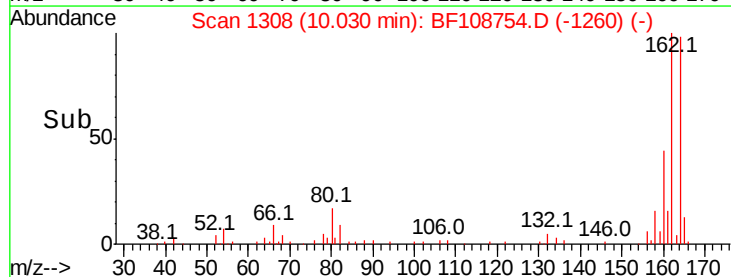
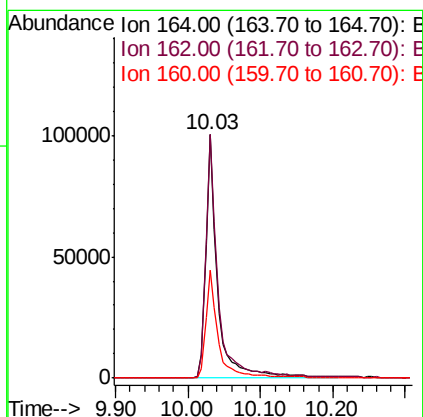
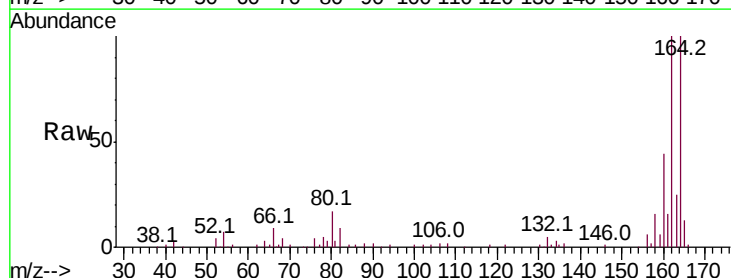
Instrument :
 BNA_F
 ClientSampleId :
 SB-10

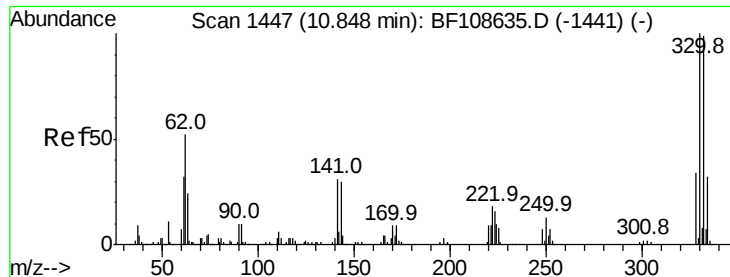
Tot Ion: 82 Resp: 249247
 Ion Ratio Lower Upper
 82 100
 128 41.1 36.1 54.1
 54 56.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

Tgt Ion: 164 Resp: 116287
 Ion Ratio Lower Upper
 164 100
 162 100.1 86.1 129.1
 160 44.4 38.3 57.5

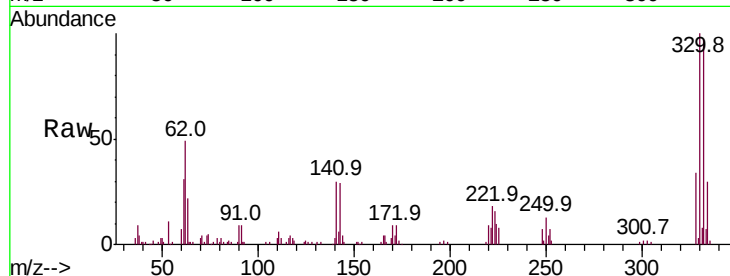




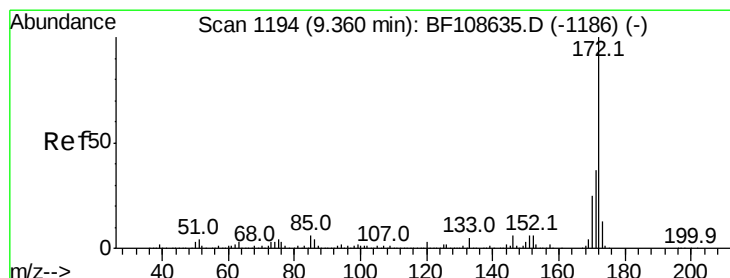
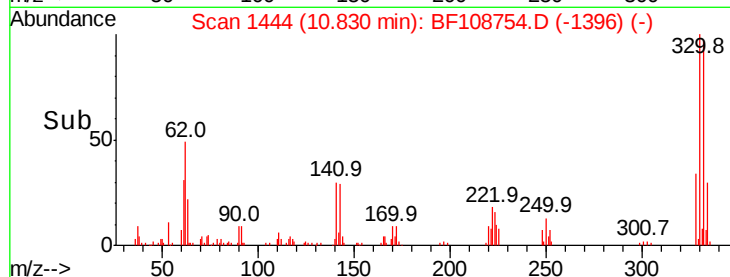
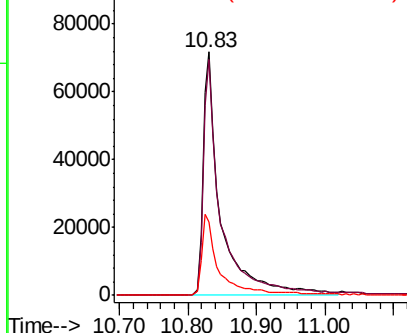
#41
 2,4,6-Tribromophenol
 Concen: 85.279 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion:330 Resp: 130915
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 30.9 29.9 44.9

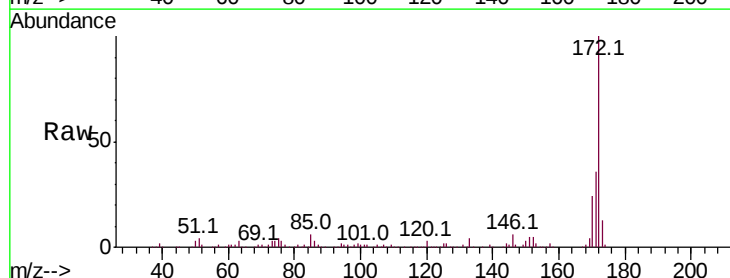


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

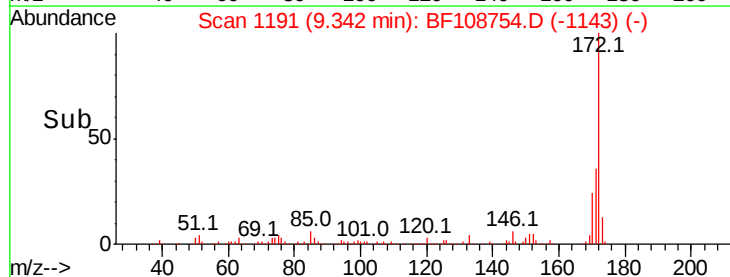
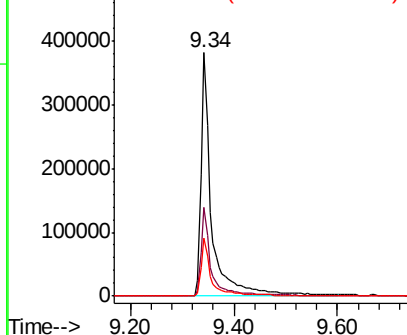


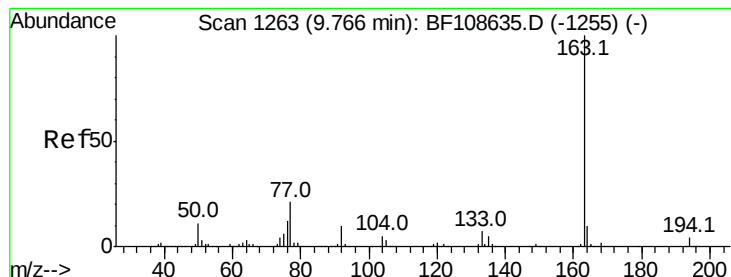
#44
 2-Fluorobiphenyl
 Concen: 63.050 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

Tgt Ion:172 Resp: 545291
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 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: 11.215 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Instrument :

BNA_F

ClientSampleId :

SB-10

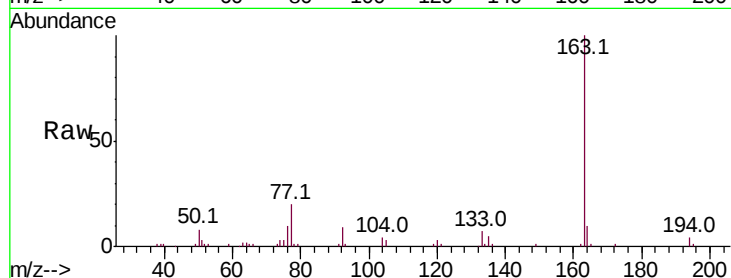
Tot Ion:163 Resp: 102699

Ion Ratio Lower Upper

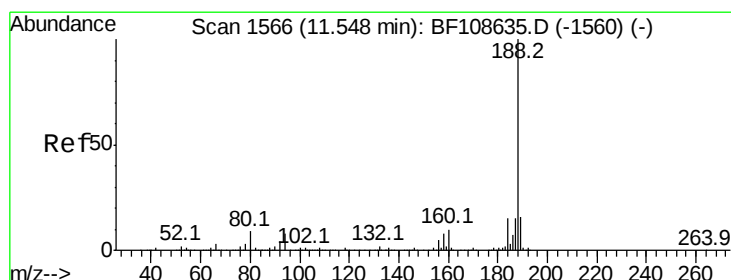
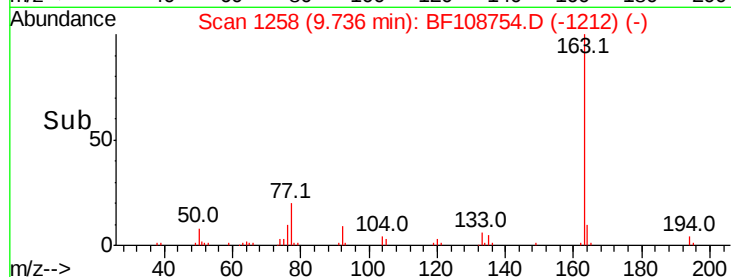
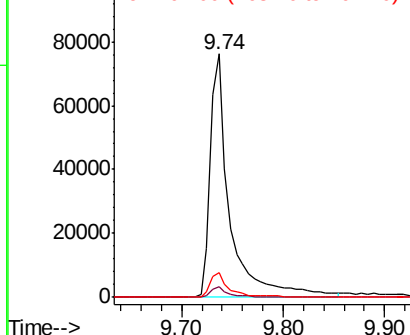
163 100

194 4.4 2.7 4.1#

164 10.3 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: 11.53 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

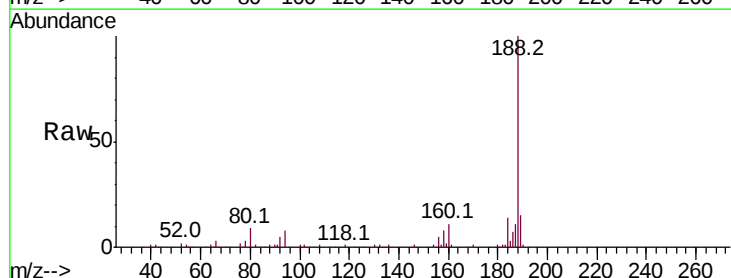
Tgt Ion:188 Resp: 247407

Ion Ratio Lower Upper

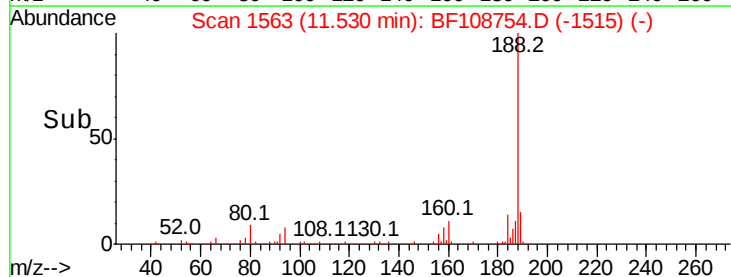
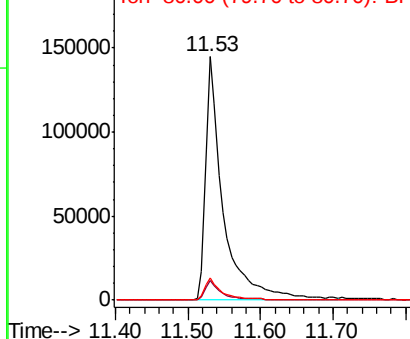
188 100

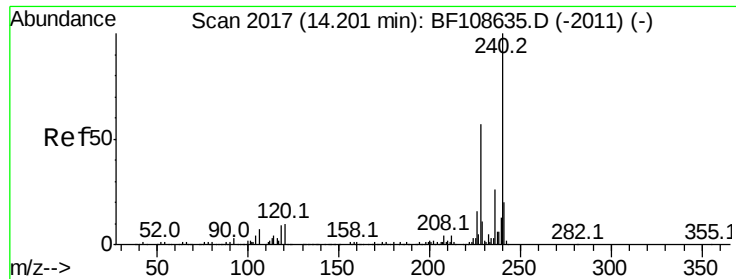
94 7.9 8.5 12.7#

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: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Instrument :

BNA_F

ClientSampleId :

SB-10

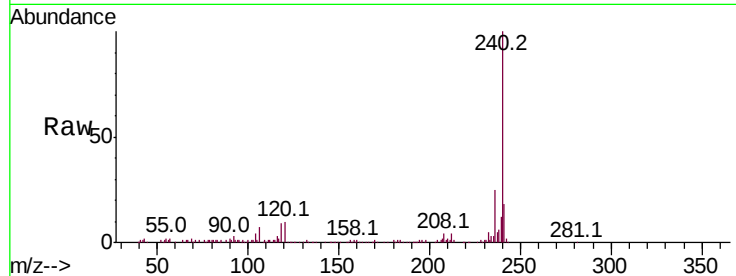
Tot Ion:240 Resp: 193824

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

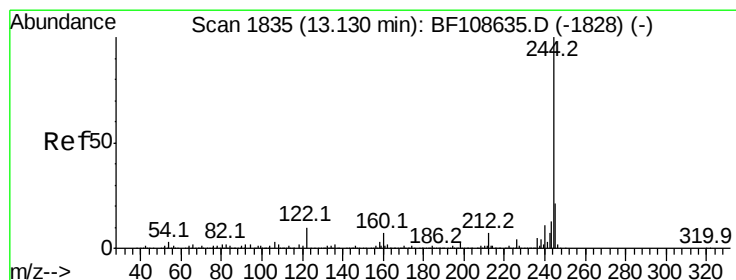
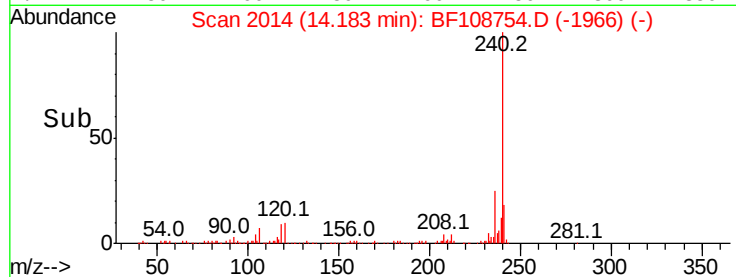
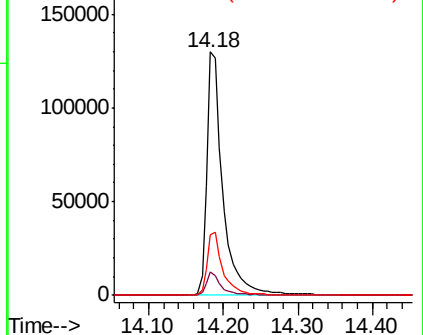
236 24.7 20.7 31.1



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: 71.909 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

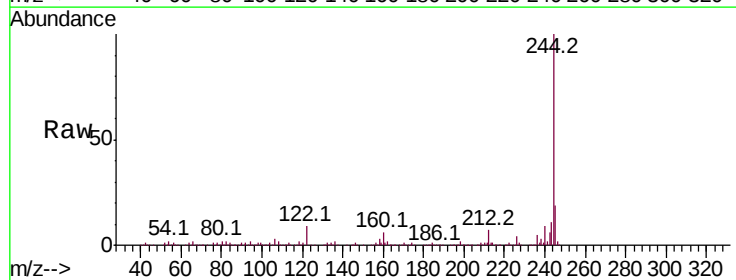
Tgt Ion:244 Resp: 717350

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

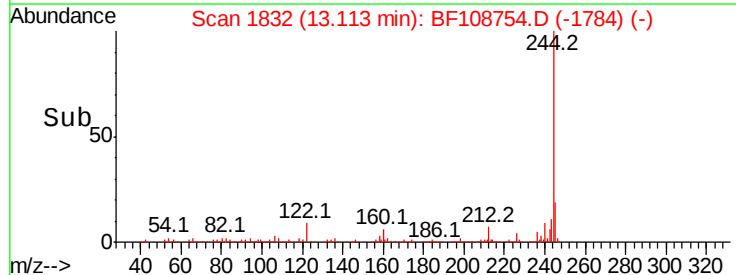
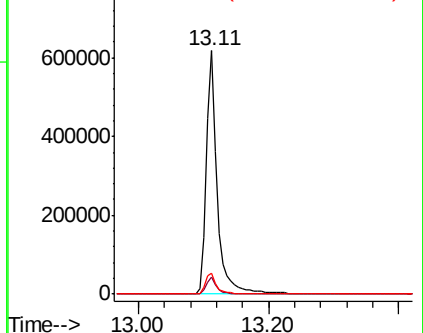
122 8.6 11.0 16.4#

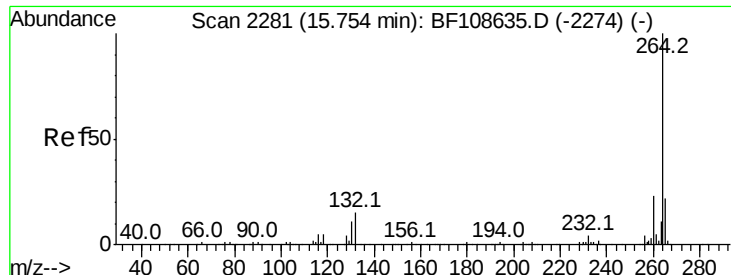


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

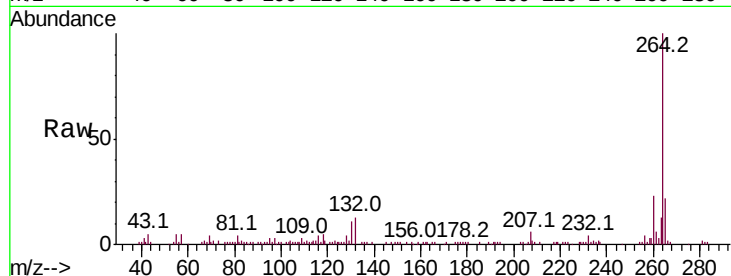




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.6	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

