

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108456.D
 Acq On : 24 Aug 2018 8:13
 Operator : JU/SJ
 Sample : J4582-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082018-TIPC-E-D-M

Quant Time: Aug 24 08:47:11 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

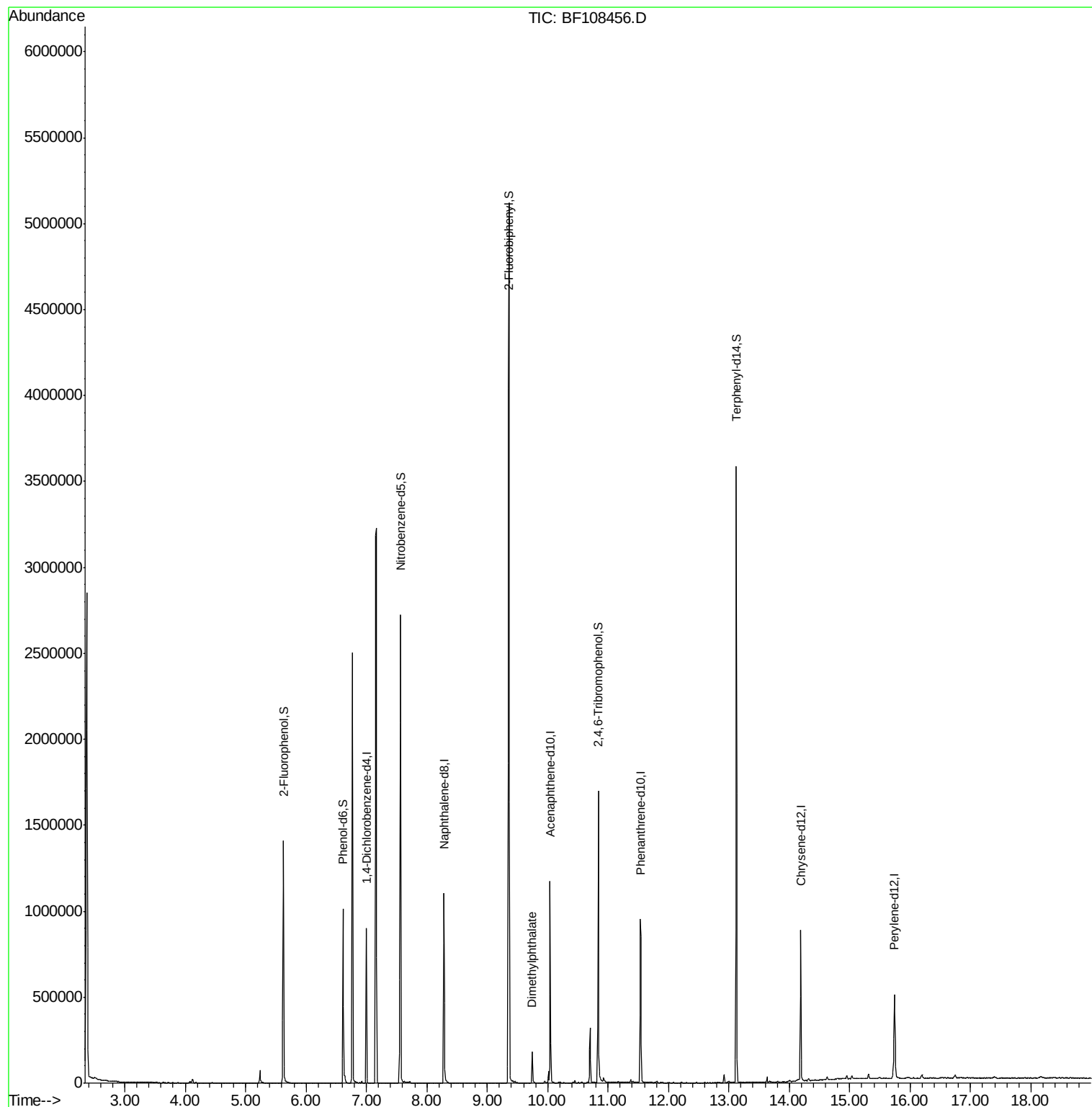
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	134800	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	495548	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	228999	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	370367	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	289342	20.00	ng	-0.01
86) Perylene-d12	15.74	264	259826	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	344605	46.28	ng	0.00
7) Phenol-d6	6.61	99	288501	29.16	ng	-0.02
23) Nitrobenzene-d5	7.57	82	925561	104.22	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	194741	85.26	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1626652	114.04	ng	0.00
78) Terphenyl-d14	13.12	244	1180860	103.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	81270	5.095	ng	Qvalue 99

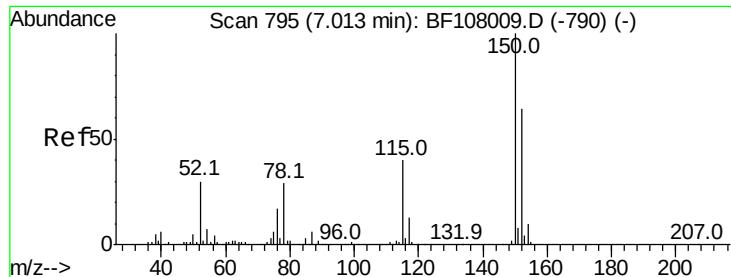
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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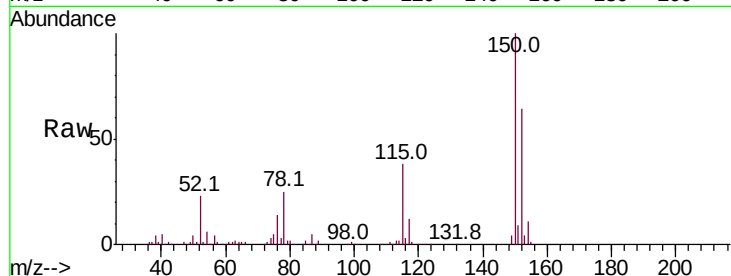


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Instrument :
BNA_F
ClientSampleId :
082018-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	58.9	50.1	75.1

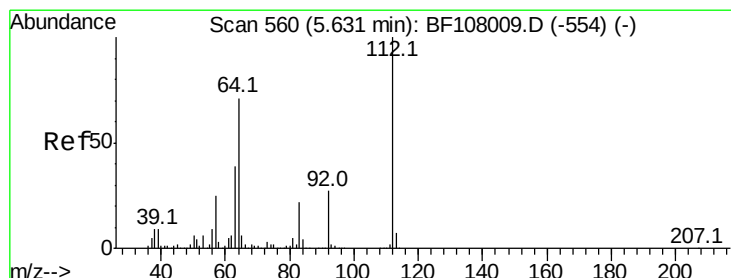
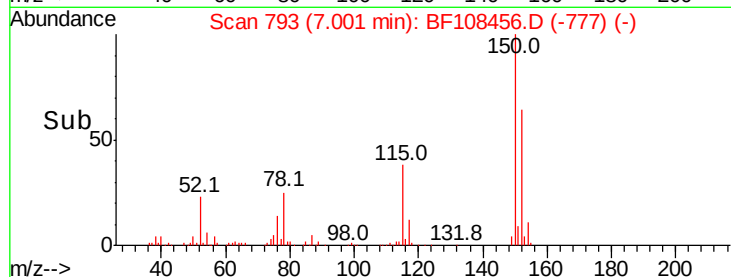
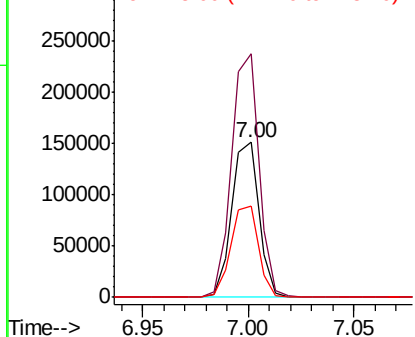


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

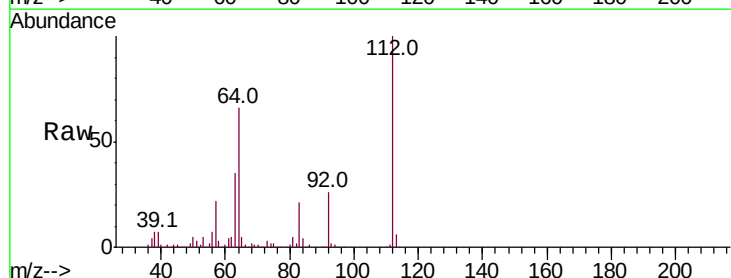
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.283 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	35.0	23.7	35.5

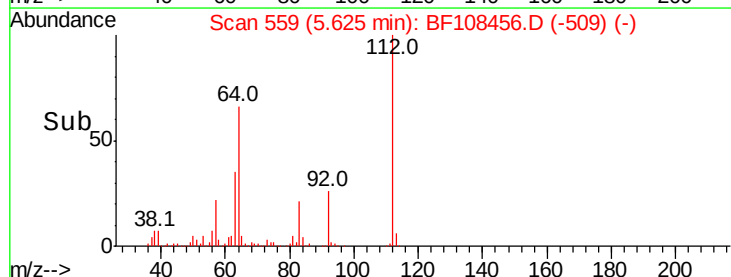
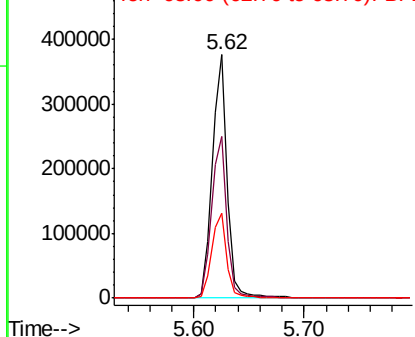


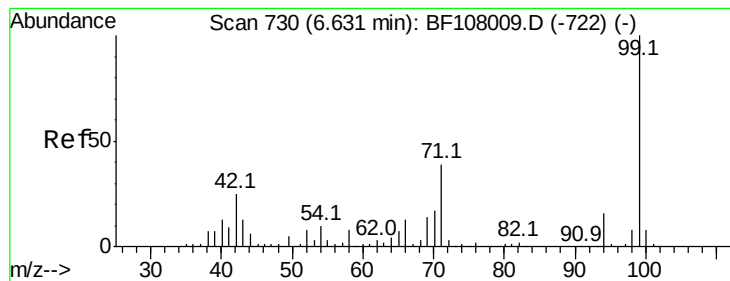
Abundance

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: 29.158 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

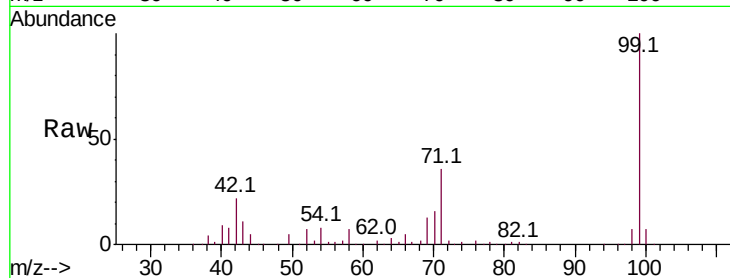
Tot Ion: 99 Resp: 288501

Ion Ratio Lower Upper

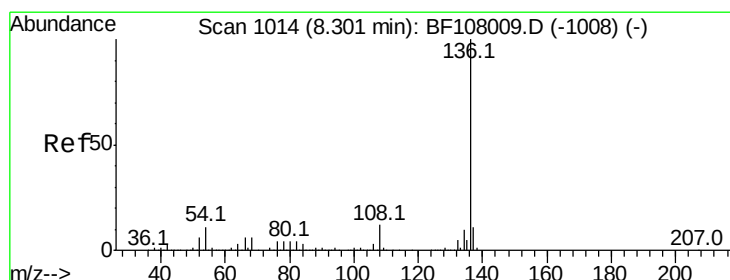
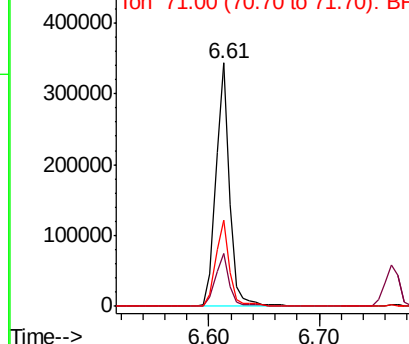
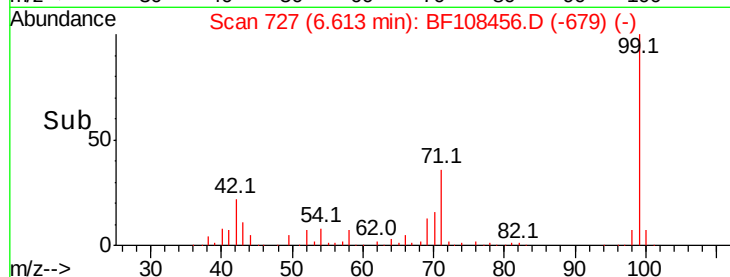
99 100

42 21.6 14.5 21.7

71 35.6 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: BF108456.D

Acq: 24 Aug 2018 8:13

Tgt Ion: 136 Resp: 495548

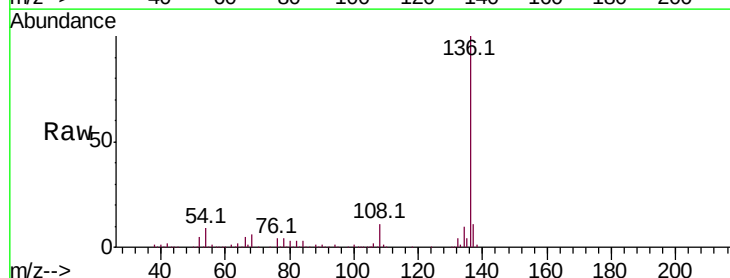
Ion Ratio Lower Upper

136 100

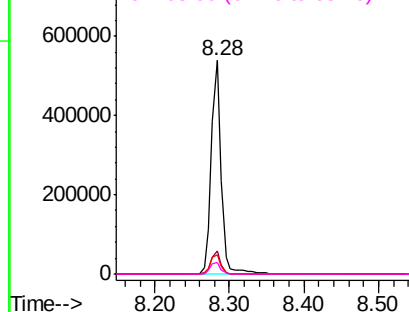
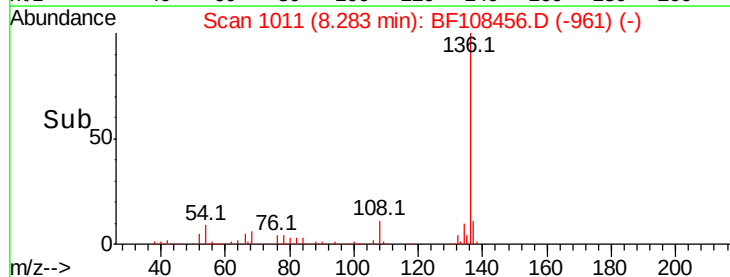
137 10.8 8.9 13.3

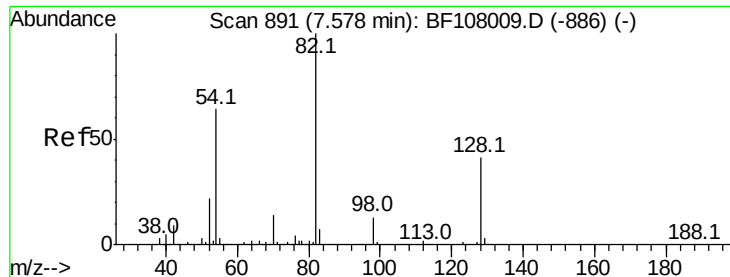
54 8.9 6.6 9.8

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: 104.223 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

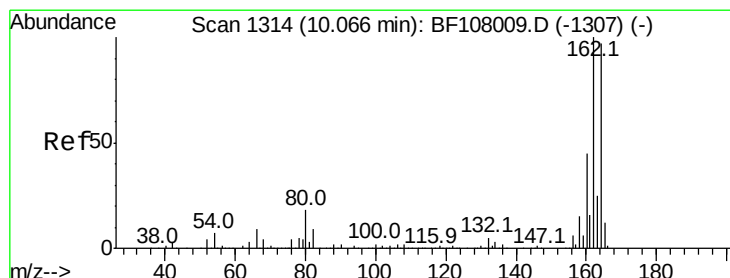
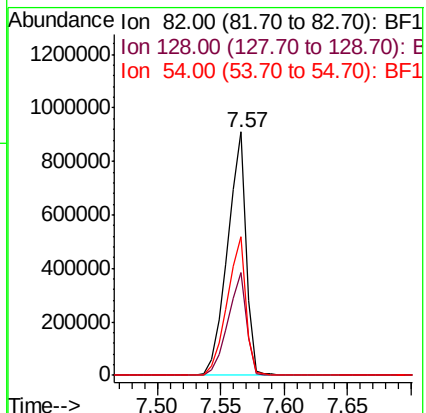
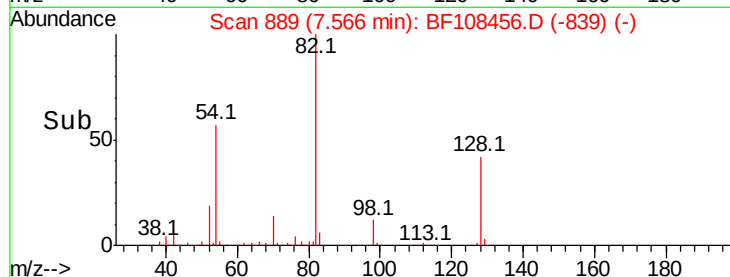
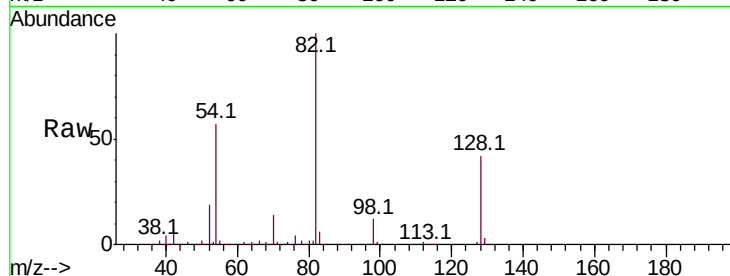
Tot Ion: 82 Resp: 925561

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

54 57.2 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: BF108456.D

Acq: 24 Aug 2018 8:13

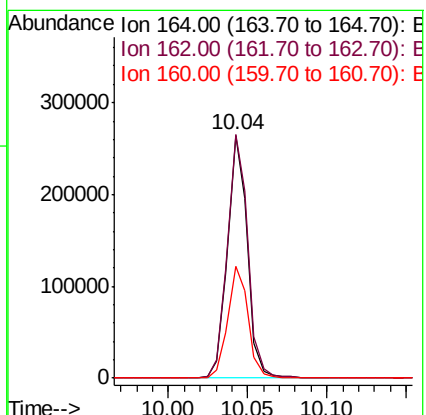
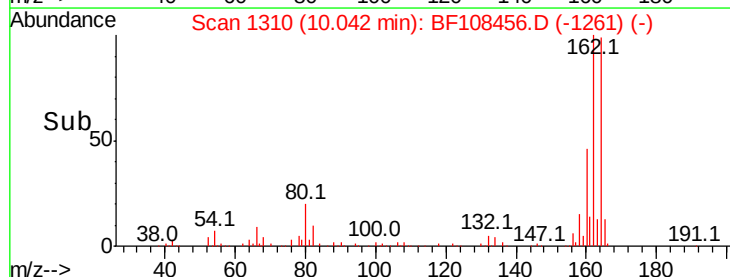
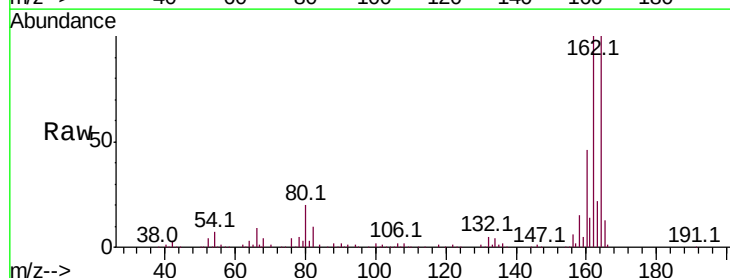
Tgt Ion: 164 Resp: 228999

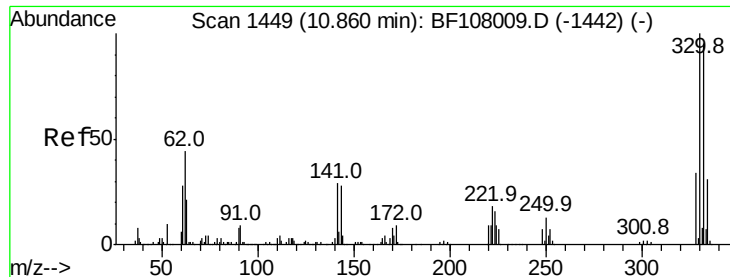
Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

160 46.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 85.255 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

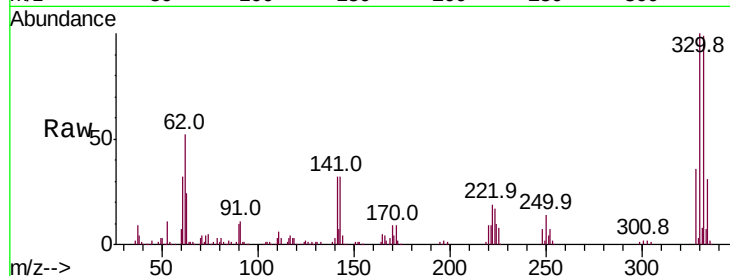
Tot Ion:330 Resp: 194741

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

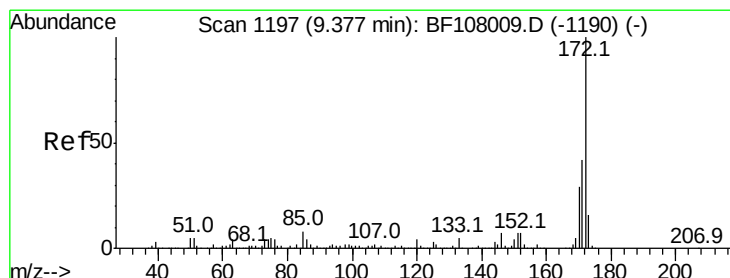
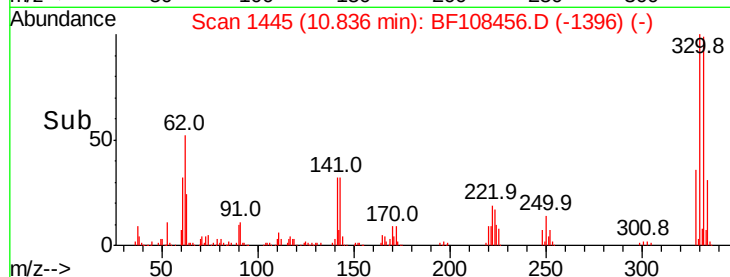
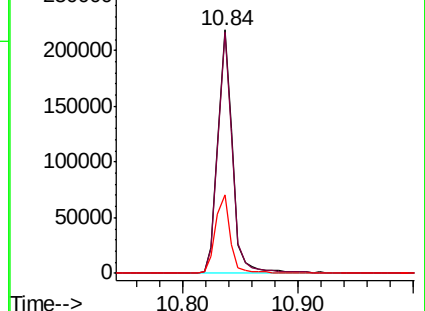
141 33.2 29.9 44.9



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: 114.042 ng

RT: 9.36 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

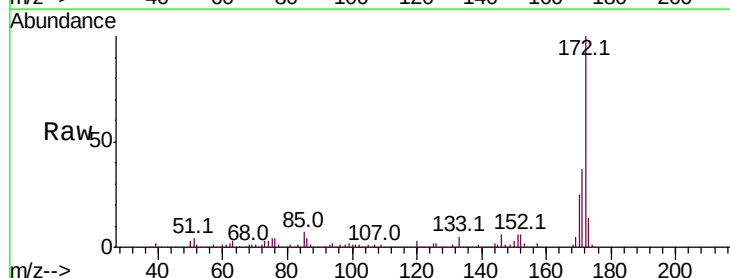
Tgt Ion:172 Resp: 1626652

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

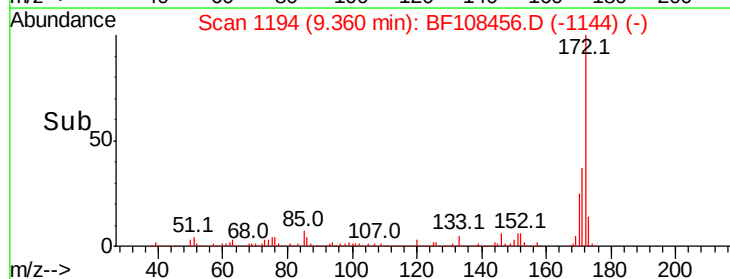
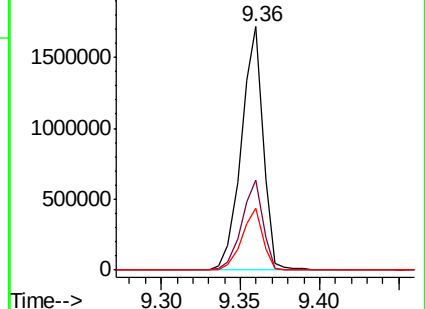
170 25.4 19.6 29.4

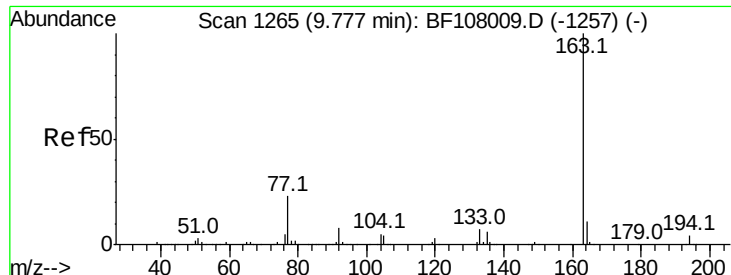


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

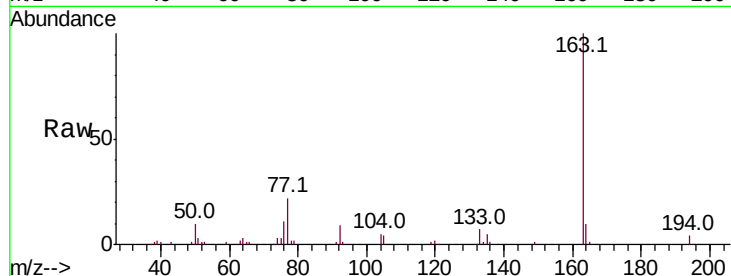




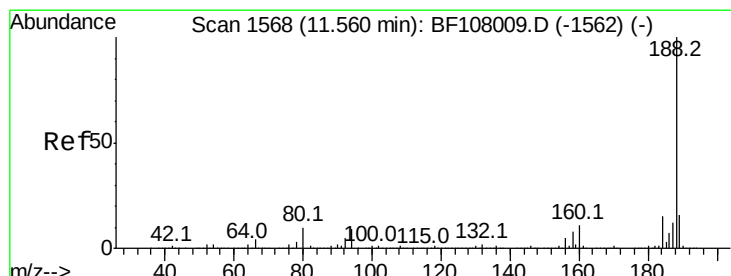
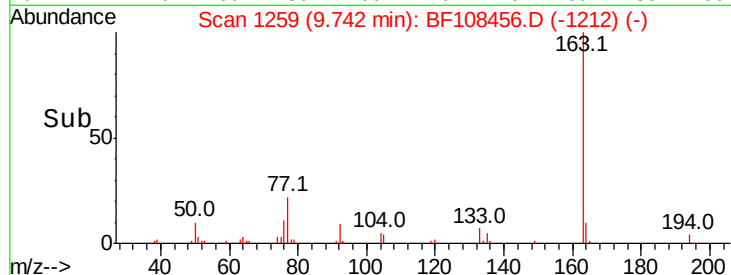
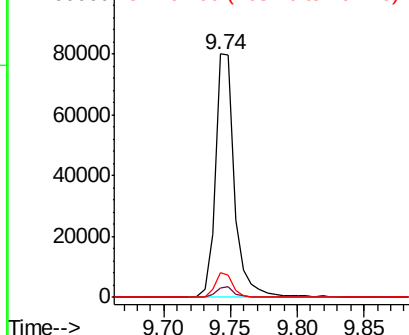
#49
 Dimethylphthalate
 Concen: 5.095 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :
 082018-TIPC-E-D-M

Tot Ion:163 Resp: 81270
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.3 8.2 12.2

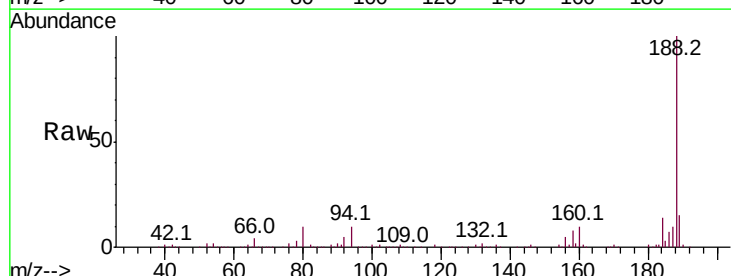


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

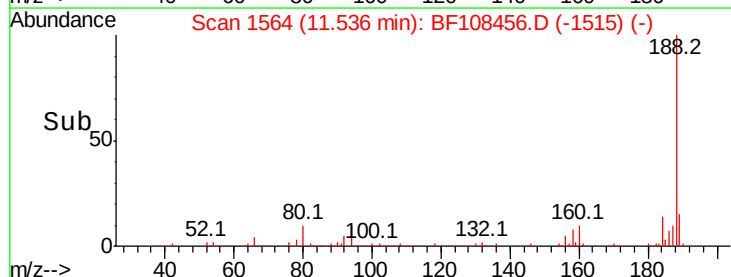
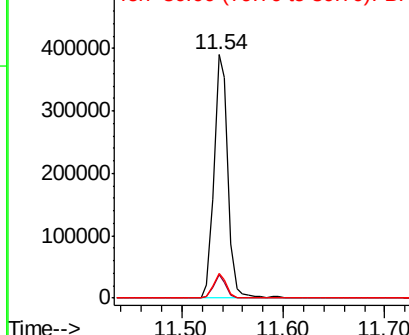


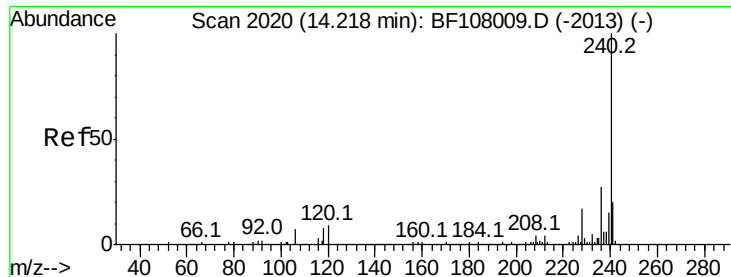
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Tgt Ion:188 Resp: 370367
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.1 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# 2015

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

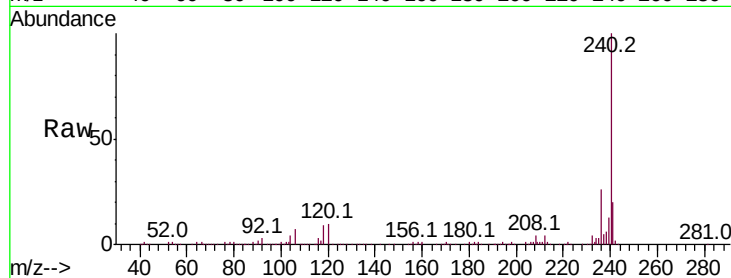
Tot Ion:240 Resp: 289342

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

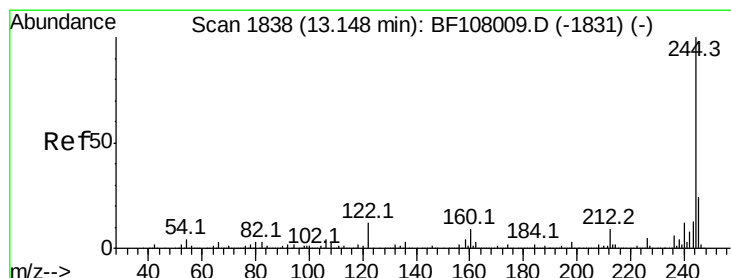
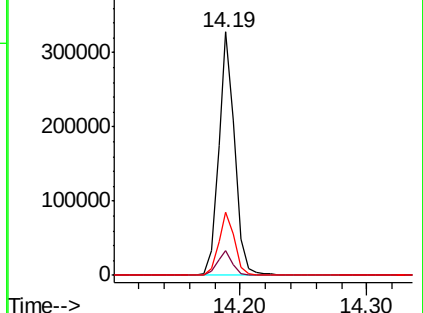
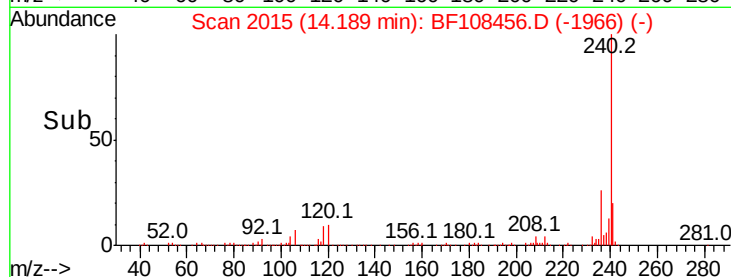
236 26.1 20.7 31.1



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: 103.767 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

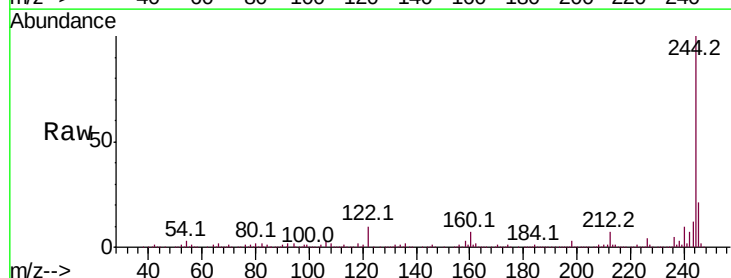
Tgt Ion:244 Resp: 1180860

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

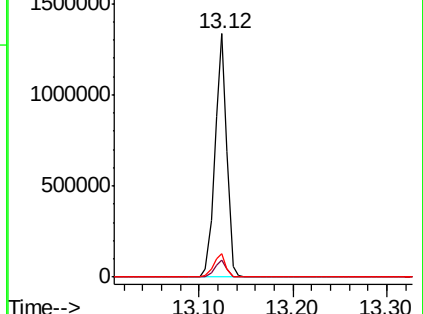
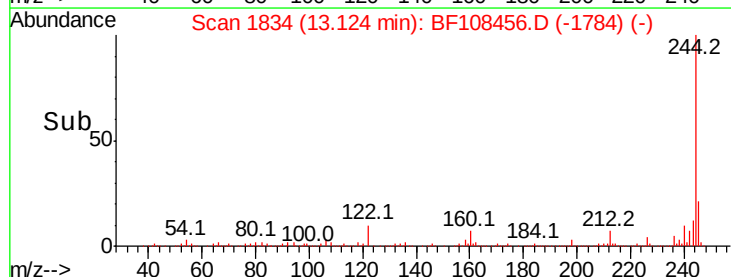
122 9.8 11.0 16.4#

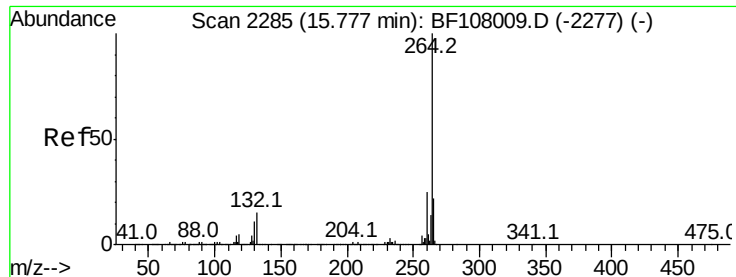


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Instrument :
BNA_F
ClientSampleId :
082018-TIPC-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

