

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108241.D
 Acq On : 17 Aug 2018 14:20
 Operator : JU/SJ
 Sample : J4500-17 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Aug 17 15:06:00 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	7.01	152	128910	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	512480	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	253823	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	487828	20.00	ng	0.00
75) Chrysene-d12	14.22	240	421395	20.00	ng	0.00
86) Perylene-d12	15.80	264	400977	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	72603	10.20	ng	0.00
7) Phenol-d6	6.62	99	95941	10.14	ng	0.00
23) Nitrobenzene-d5	7.57	82	60102	6.54	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	23112	9.13	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	125784	7.96	ng	-0.01
78) Terphenyl-d14	13.14	244	128360	7.74	ng	-0.01

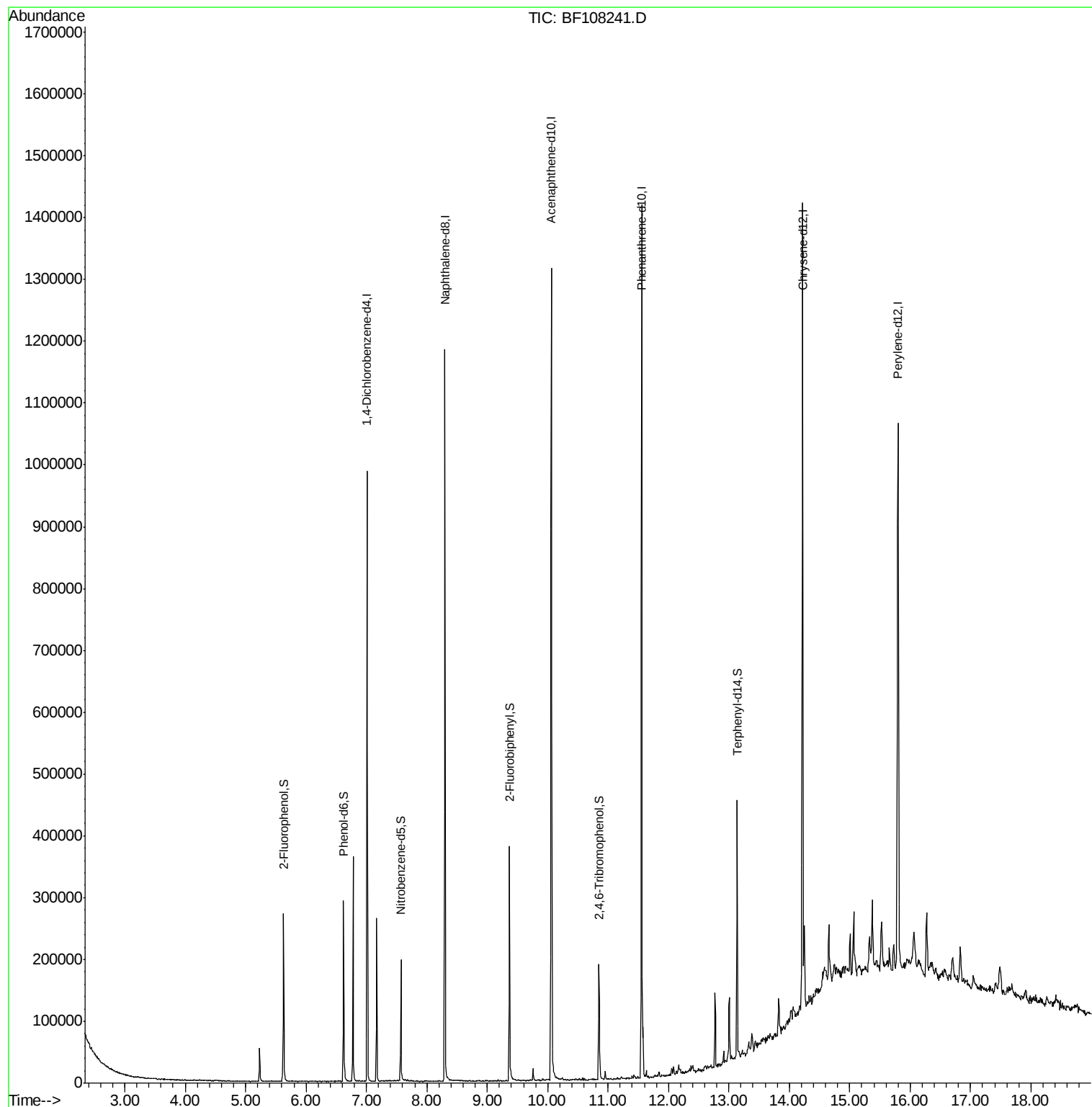
Target Compounds Qvalue

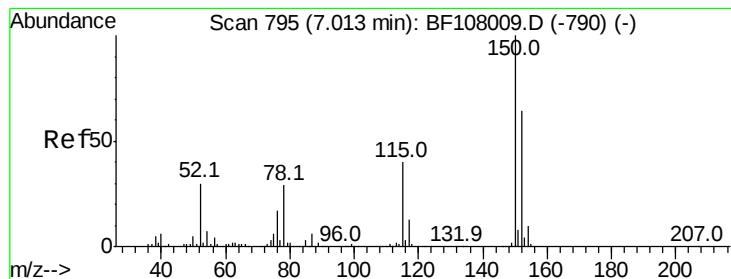
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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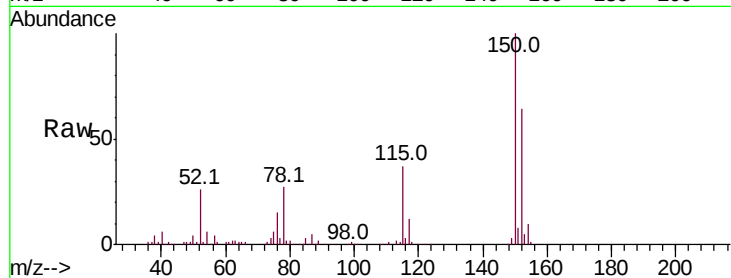


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	57.9	50.1	75.1

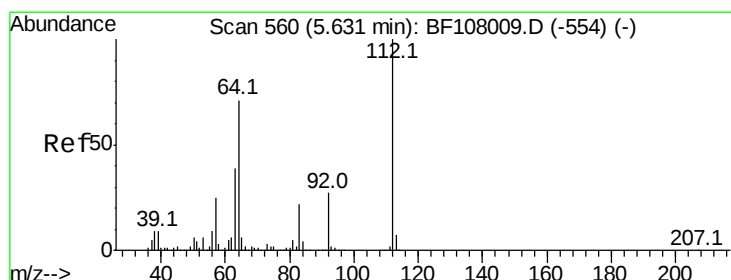
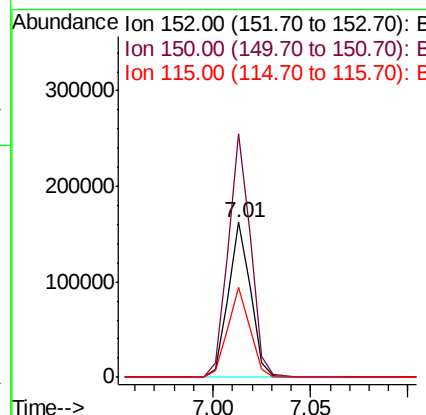
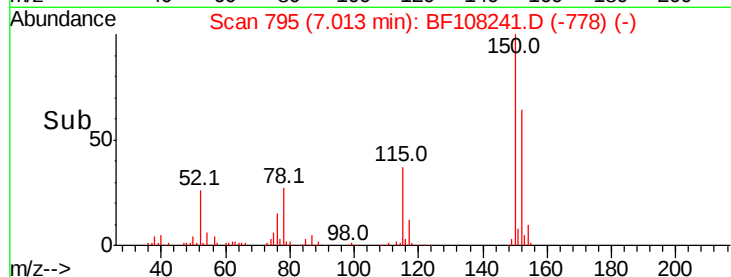


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

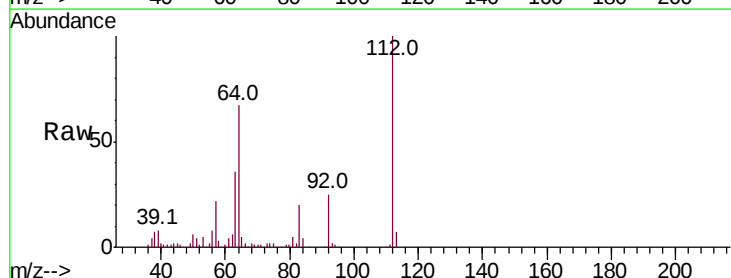
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.197 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	36.3	23.7	35.5#

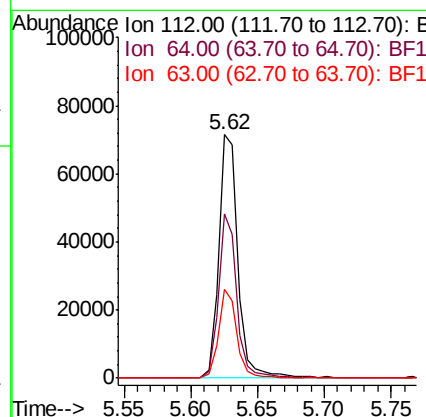
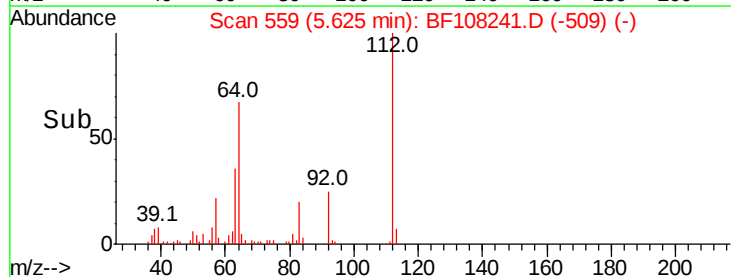


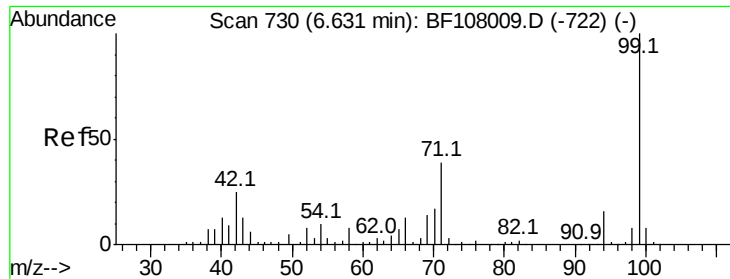
Abundance

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: 10.140 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

Instrument :

BNA_F

ClientSampled :

TP-12

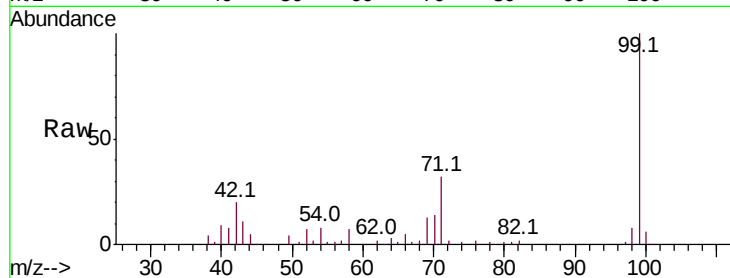
Tot Ion: 99 Resp: 95941

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

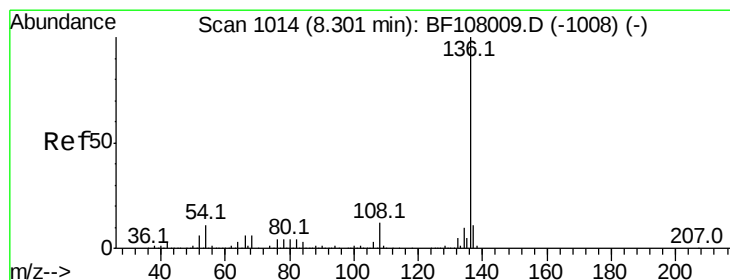
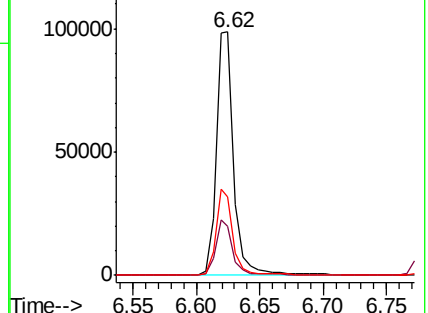
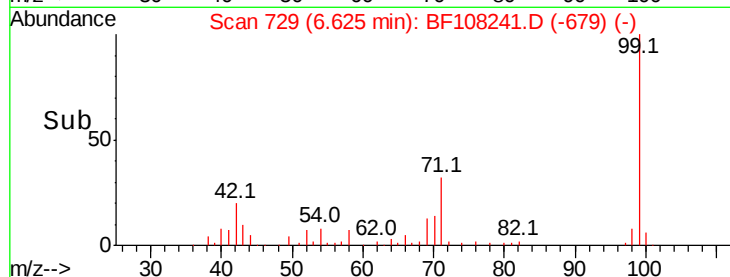
71 32.4 25.4 38.0



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: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

Tgt Ion: 136 Resp: 512480

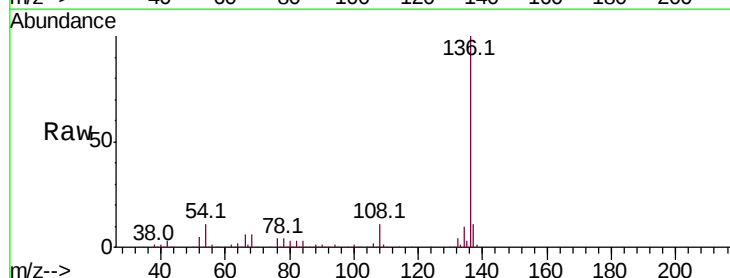
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.6 6.6 9.8#

68 6.4 5.0 7.4

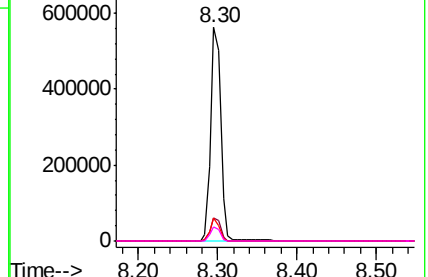
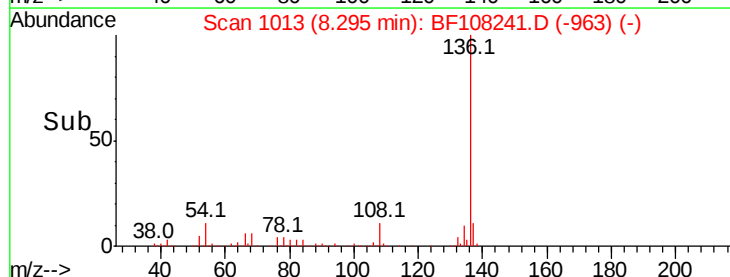


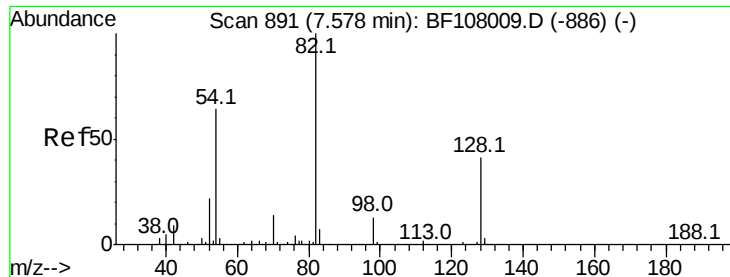
Abundance Ion 136.00 (135.70 to 136.70): E

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

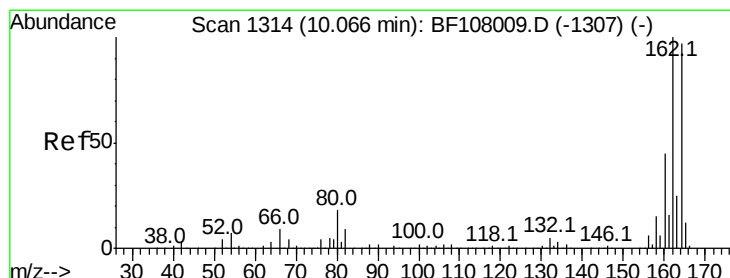
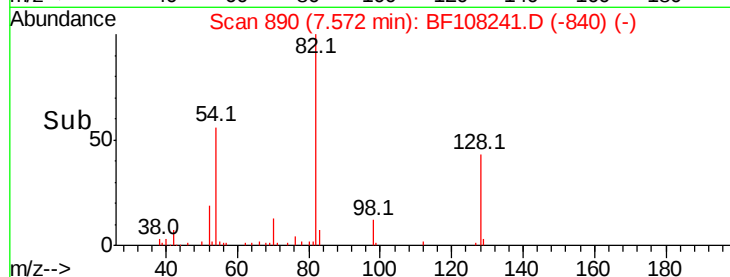
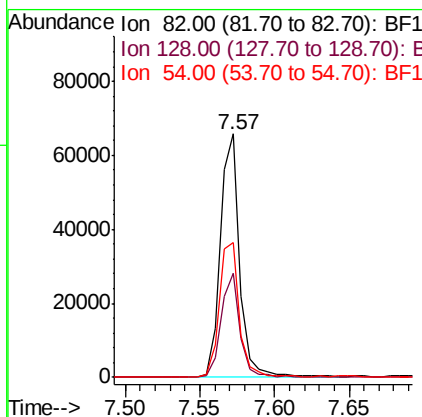
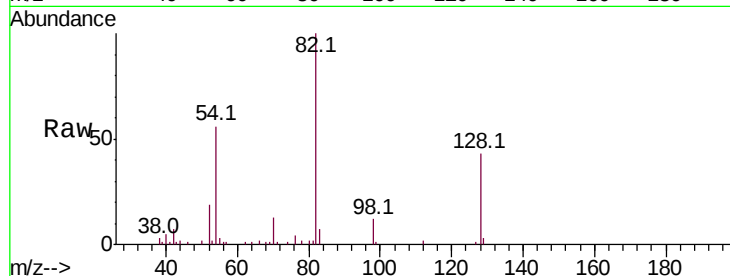




#23
 Nitrobenzene-d5
 Concen: 6.544 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108241.D
 Acq: 17 Aug 2018 14:20

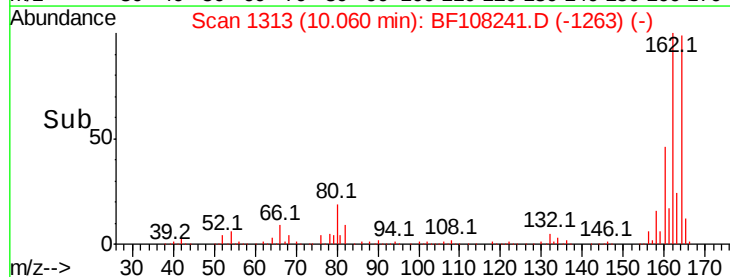
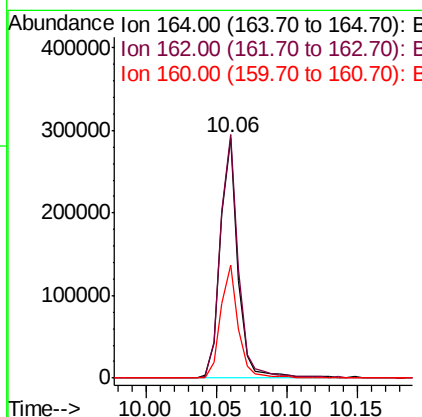
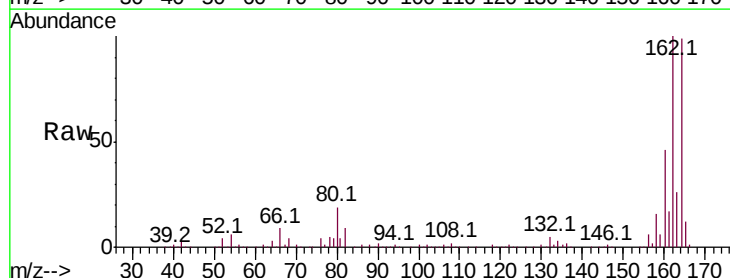
Instrument :
 BNA_F
 ClientSampled :
 TP-12

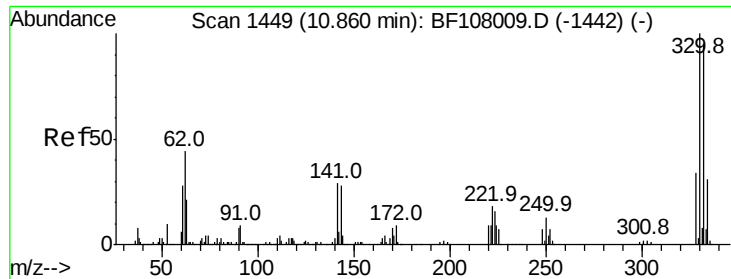
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	55.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108241.D
 Acq: 17 Aug 2018 14:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	47.0	38.3	57.5

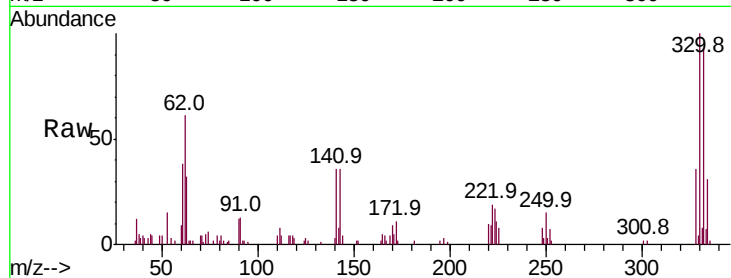




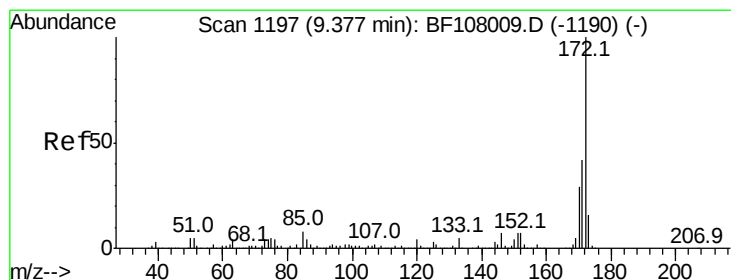
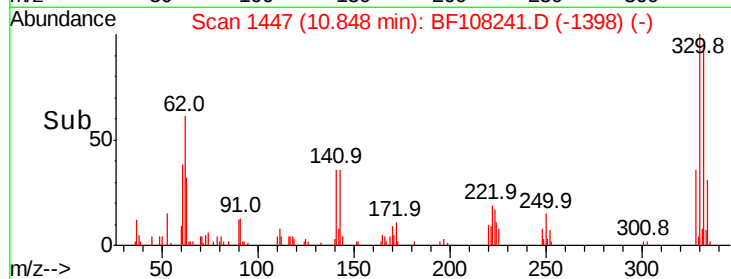
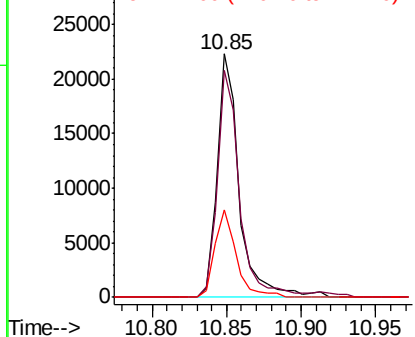
#41
 2,4,6-Tribromophenol
 Concen: 9.129 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108241.D
 Acq: 17 Aug 2018 14:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:330 Resp: 23112
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.0 115.6
 141 34.9 29.9 44.9

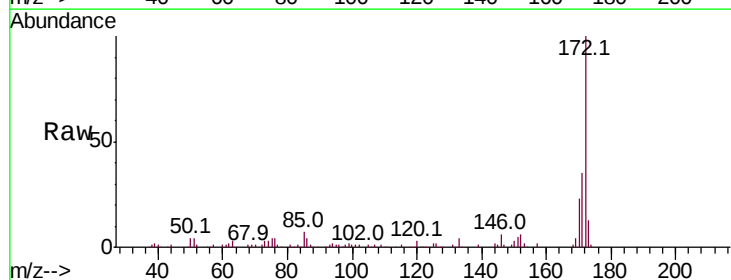


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

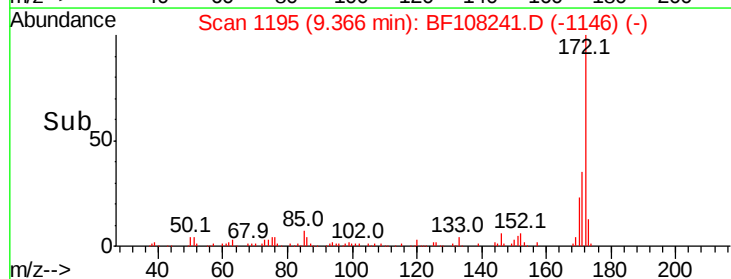
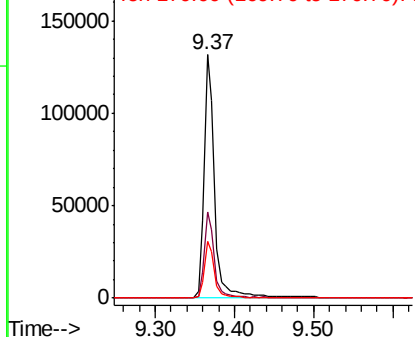


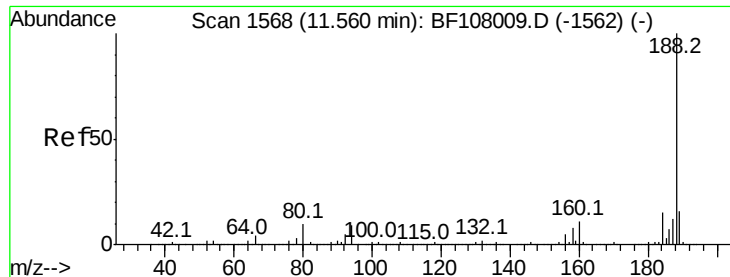
#44
 2-Fluorobiphenyl
 Concen: 7.956 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108241.D
 Acq: 17 Aug 2018 14:20

Tgt Ion:172 Resp: 125784
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.3 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

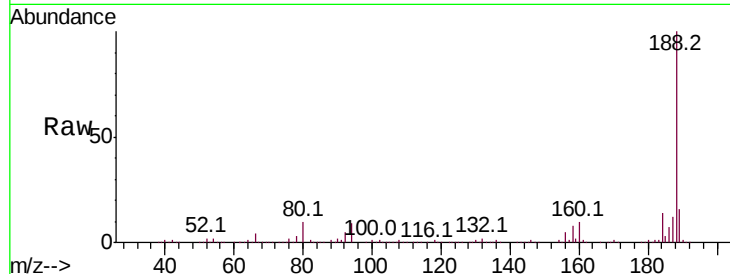




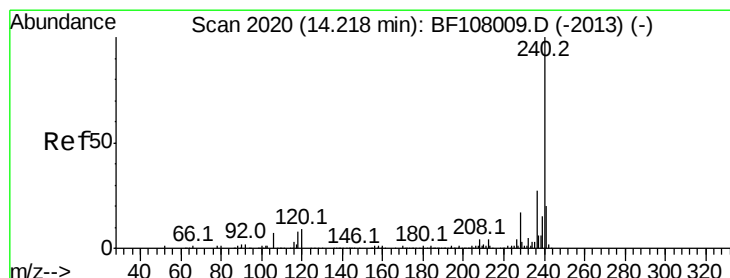
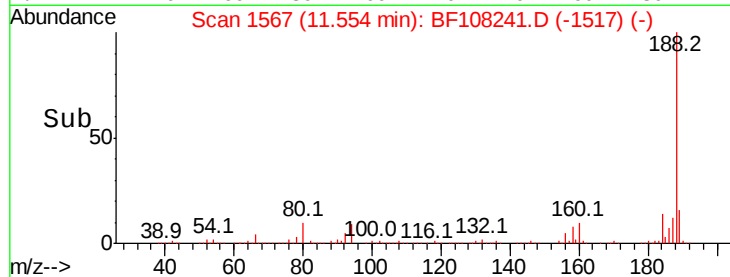
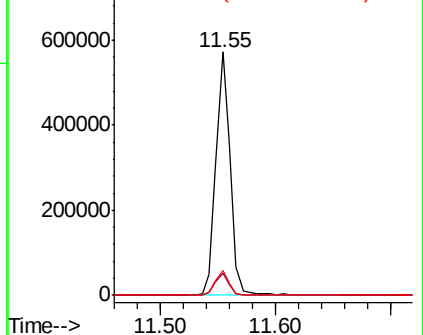
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:188 Resp: 487828
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8

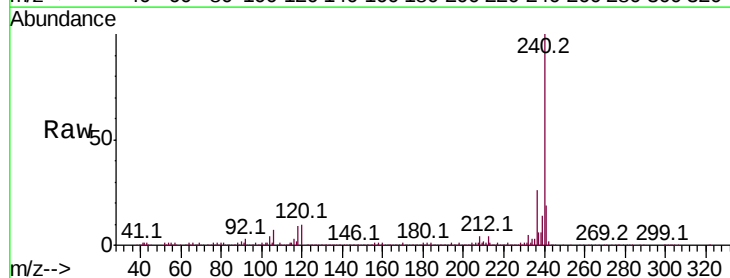


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

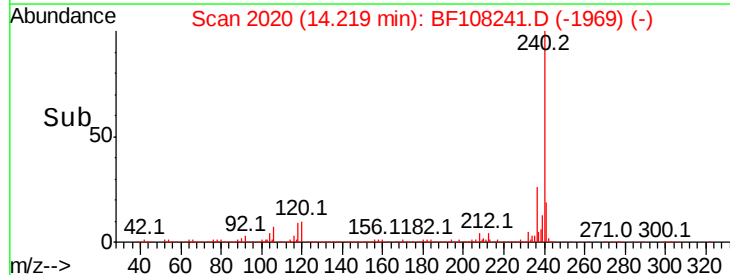
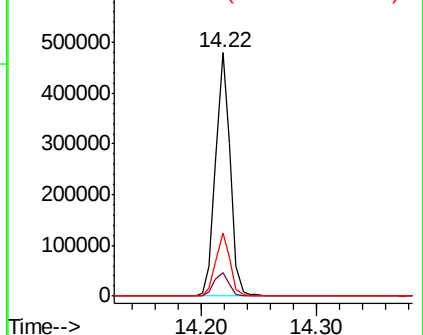


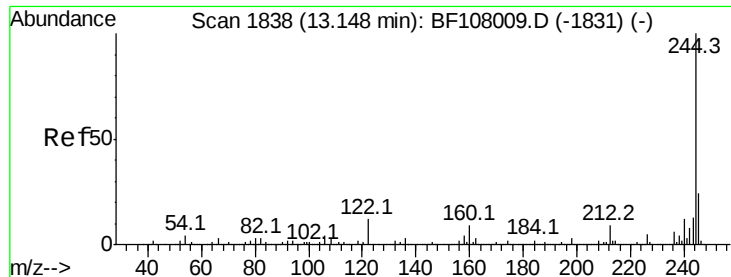
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108241.D
Acq: 17 Aug 2018 14:20

Tgt Ion:240 Resp: 421395
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 26.0 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: 7.745 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

Instrument :

BNA_F

ClientSampleId :

TP-12

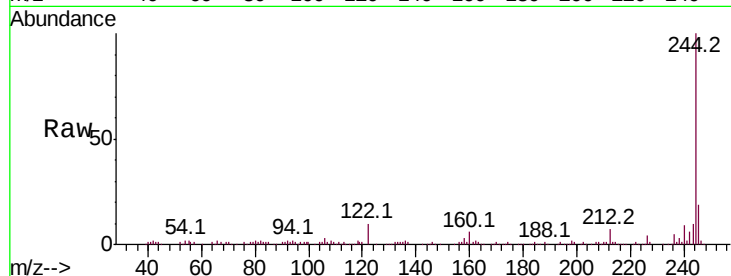
Tot Ion:244 Resp: 128360

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

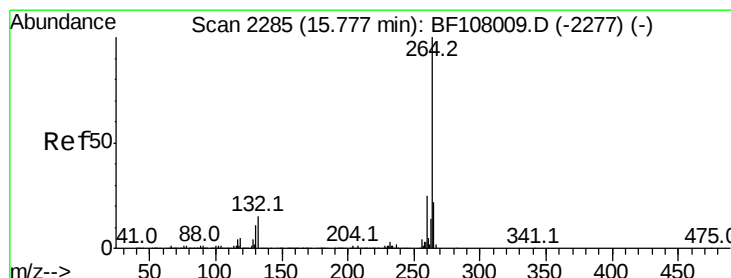
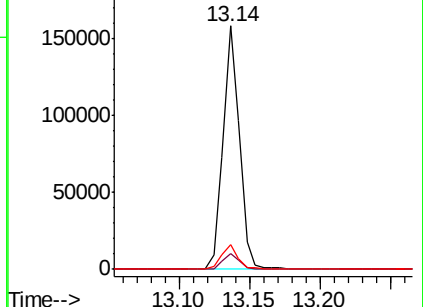
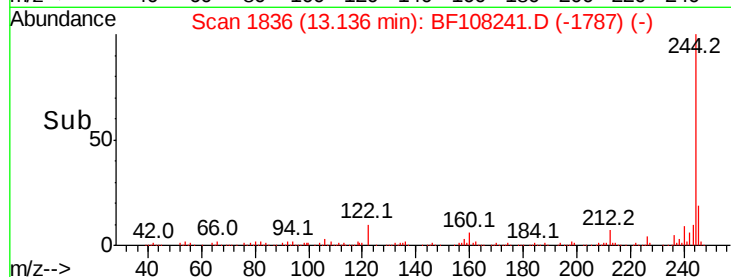
122 9.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.80 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF108241.D

Acq: 17 Aug 2018 14:20

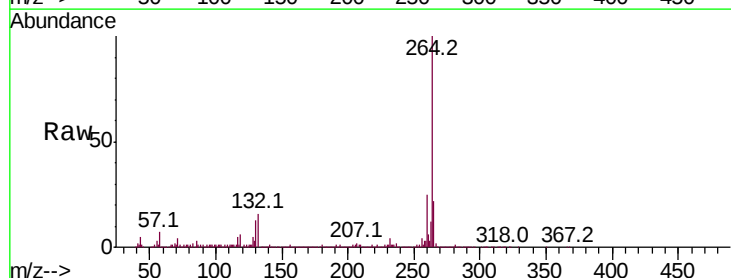
Tgt Ion:264 Resp: 400977

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.3 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

