

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108643.D
 Acq On : 30 Aug 2018 16:29
 Operator : JU/SJ
 Sample : PB112486BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BL

Quant Time: Aug 30 16:54:17 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	119315	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	475684	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	250064	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	539232	20.00	ng	0.00
75) Chrysene-d12	14.19	240	450105	20.00	ng	0.00
86) Perylene-d12	15.75	264	324381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	731746	106.54	ng	0.00
7) Phenol-d6	6.64	99	1116481	113.50	ng	0.00
23) Nitrobenzene-d5	7.57	82	752109	80.26	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	367872	111.44	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1464787	78.76	ng	0.00
78) Terphenyl-d14	13.12	244	1709881	73.81	ng	0.00

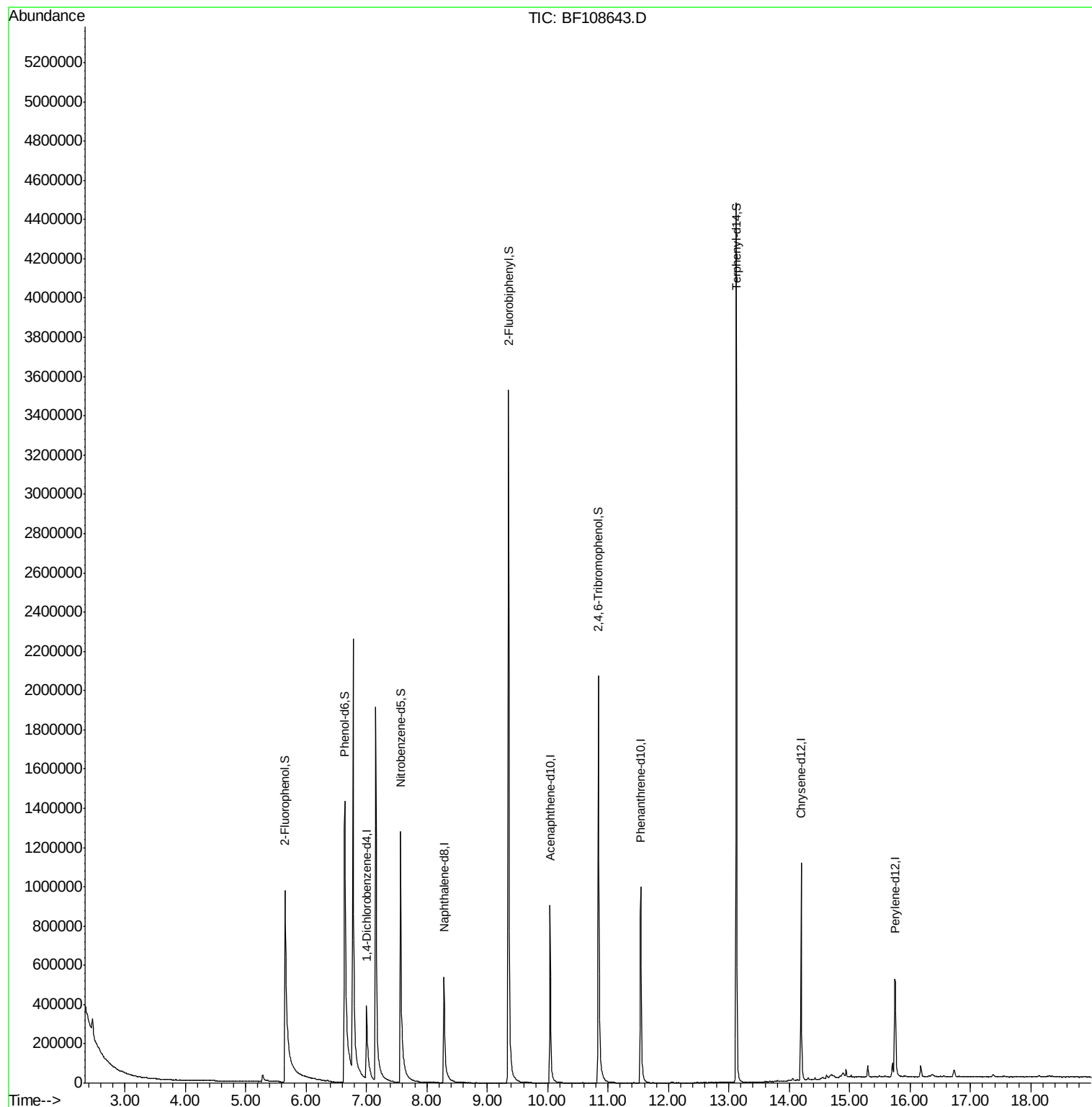
Target Compounds Qvalue

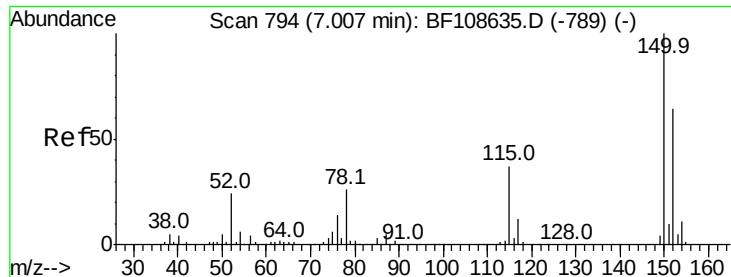
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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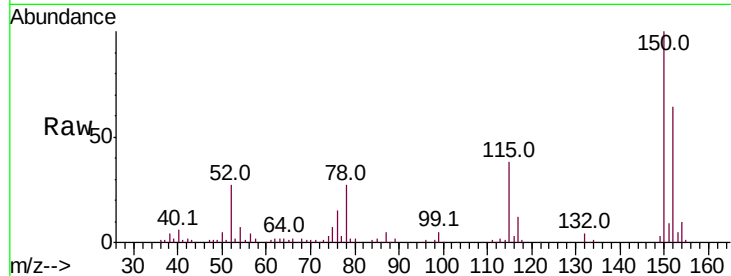


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :
PB112486BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	60.6	50.1	75.1

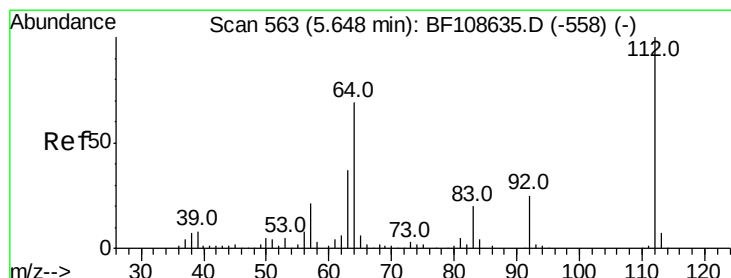
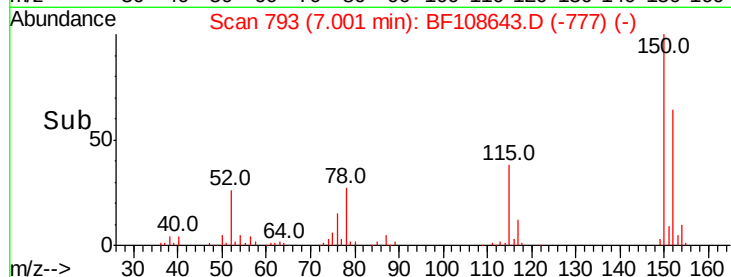
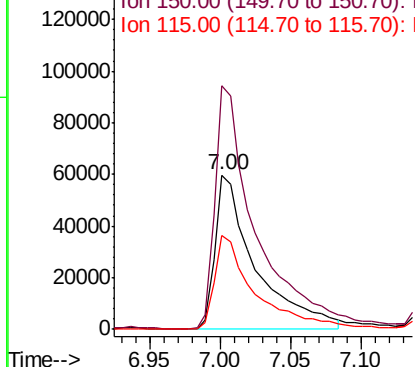


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

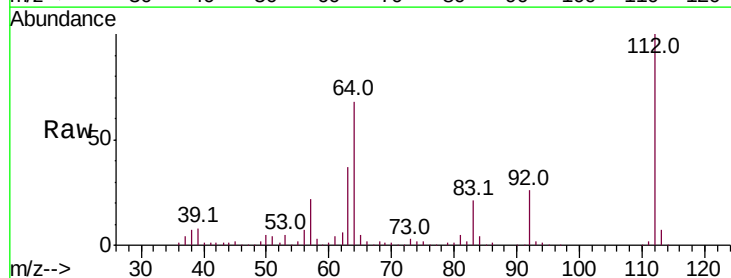
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.541 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	36.6	23.7	35.5

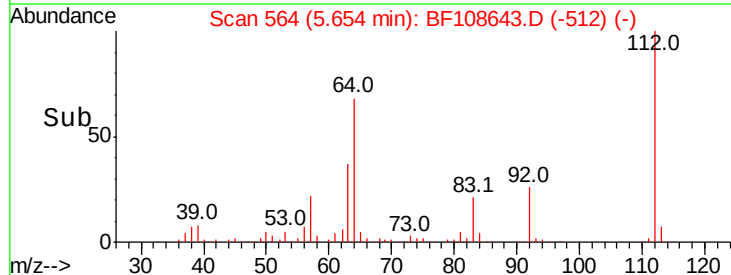
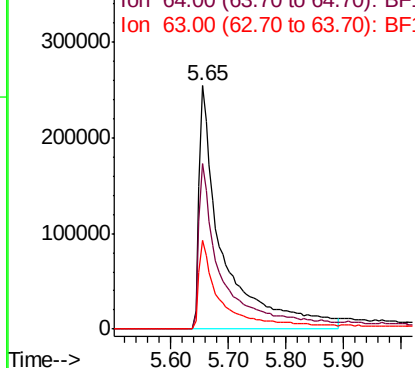


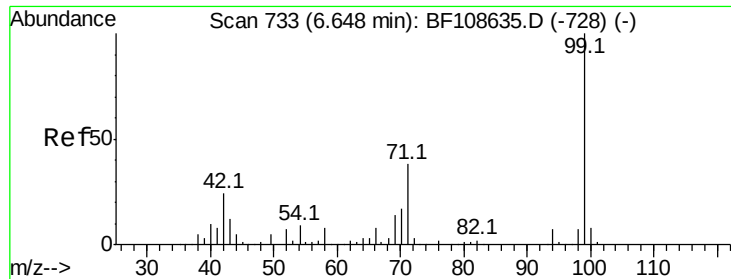
Abundance

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: 113.497 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampleId :

PB112486BL

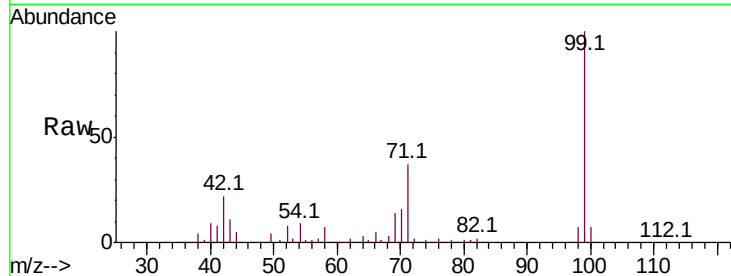
Tot Ion: 99 Resp: 1116481

Ion Ratio Lower Upper

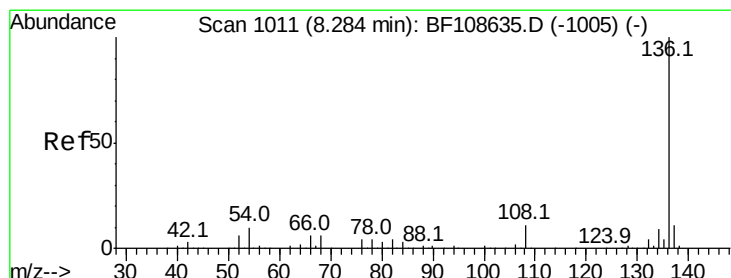
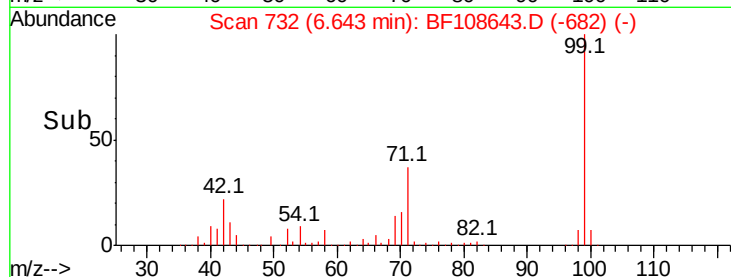
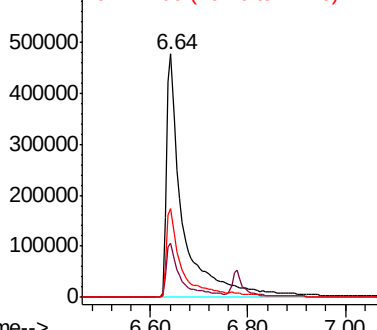
99 100

42 22.3 14.5 21.7#

71 36.6 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. 0.00 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Tgt Ion: 136 Resp: 475684

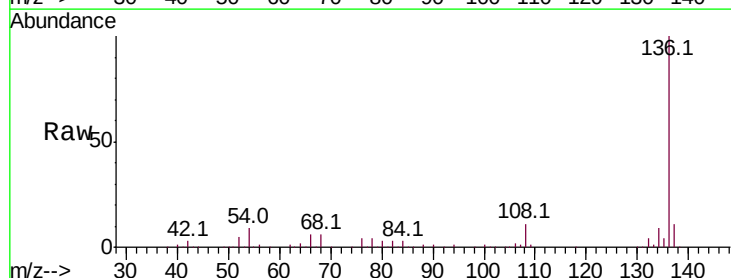
Ion Ratio Lower Upper

136 100

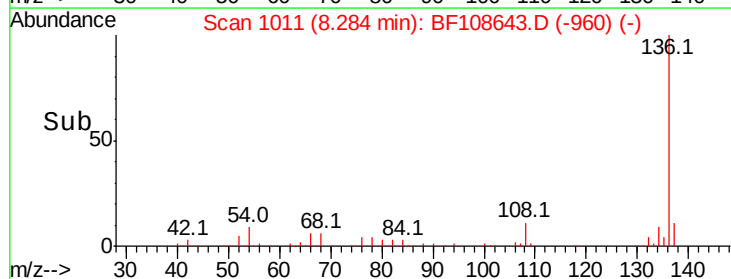
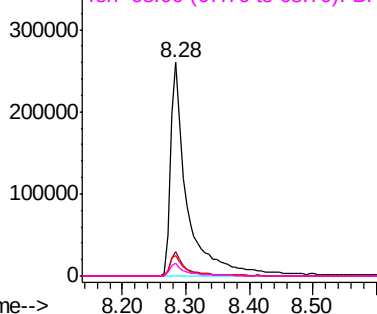
137 11.1 8.9 13.3

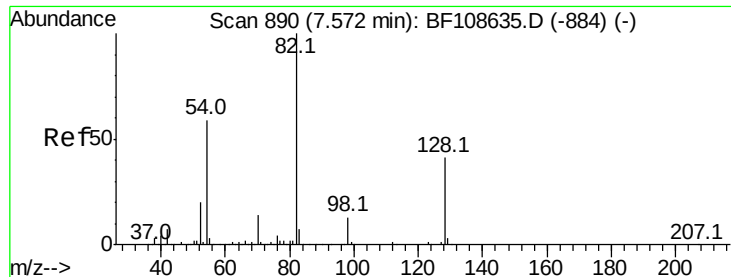
54 9.4 6.6 9.8

68 5.8 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

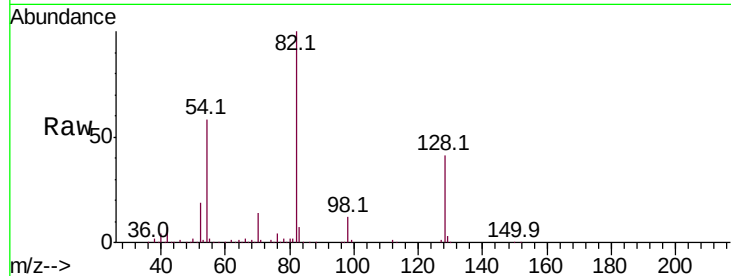




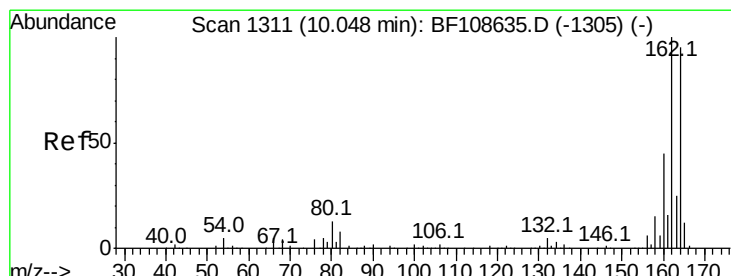
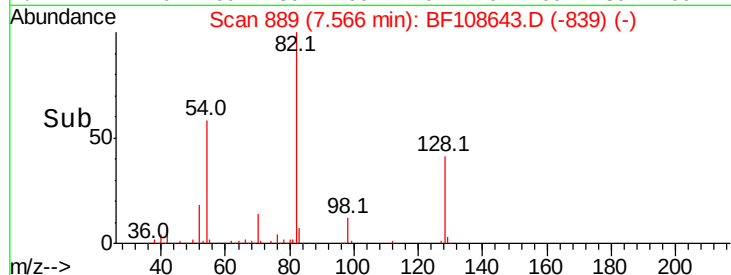
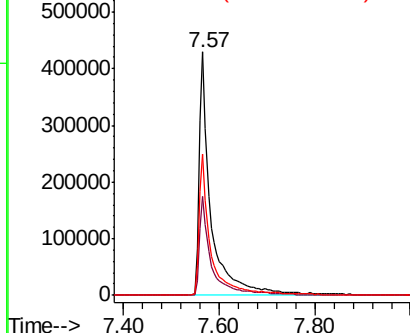
#23
Nitrobenzene-d5
Concen: 80.255 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Instrument :
BNA_F
ClientSampleId :
PB112486BL

Tot Ion	82	Resp	752109
Ion Ratio	Lower	Upper	
82	100		
128	40.9	36.1	54.1
54	58.0	41.4	62.2

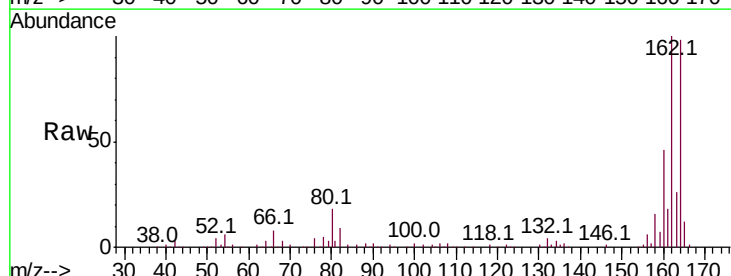


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

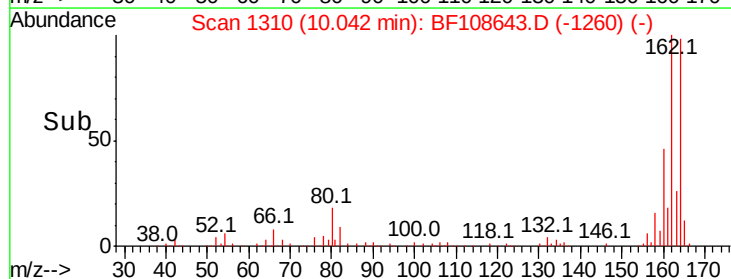
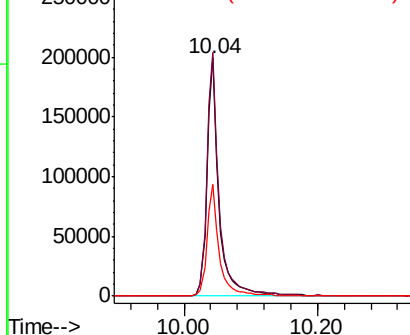


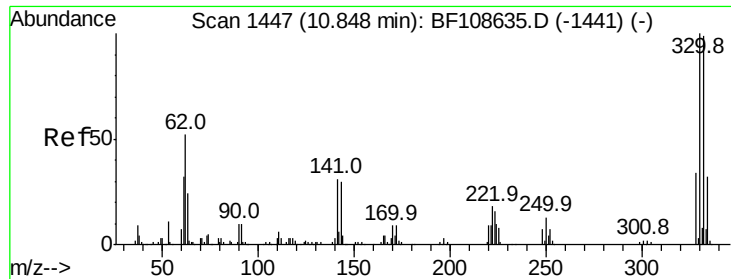
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion	164	Resp	250064
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.1	129.1
160	47.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

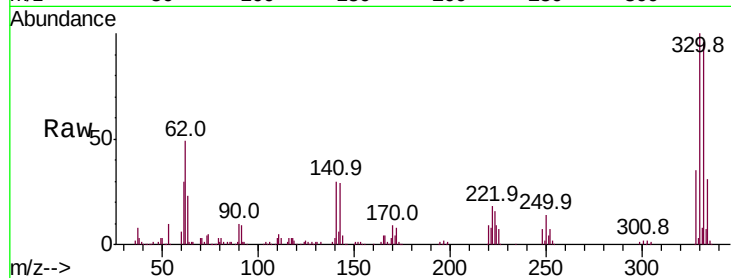




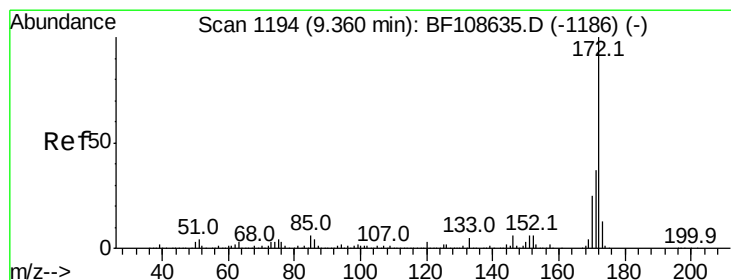
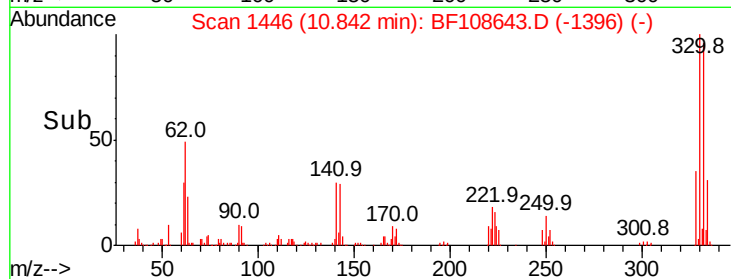
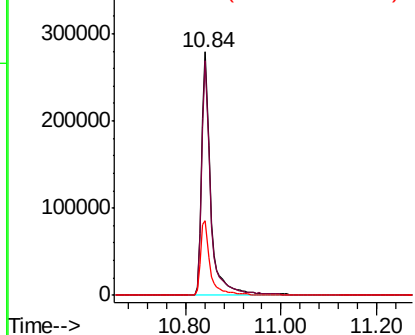
#41
 2,4,6-Tribromophenol
 Concen: 111.437 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB112486BL

Tot Ion:330 Resp: 367872
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 31.8 29.9 44.9

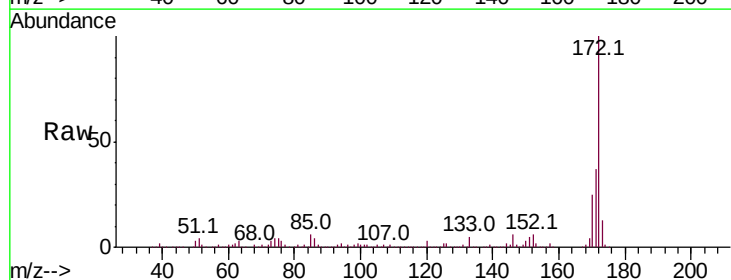


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

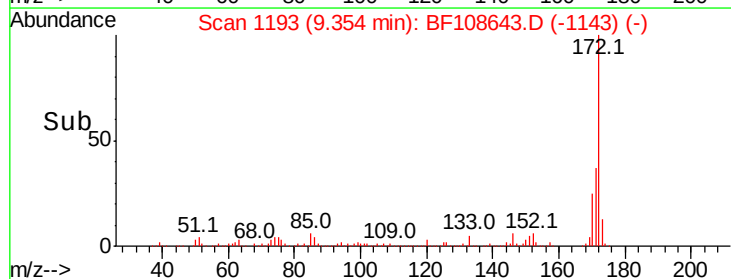
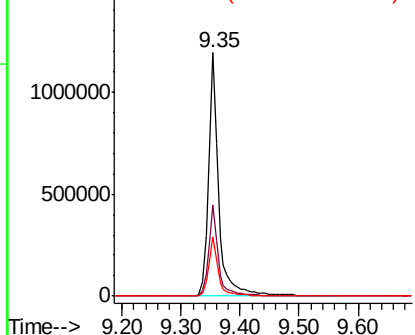


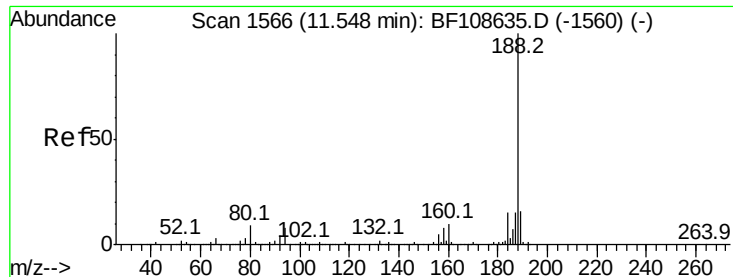
#44
 2-Fluorobiphenyl
 Concen: 78.761 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108643.D
 Acq: 30 Aug 2018 16:29

Tgt Ion:172 Resp: 1464787
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.5 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

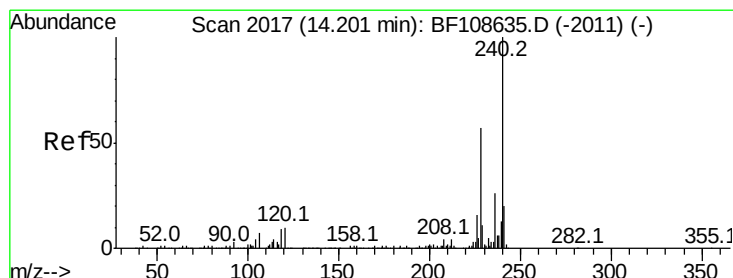
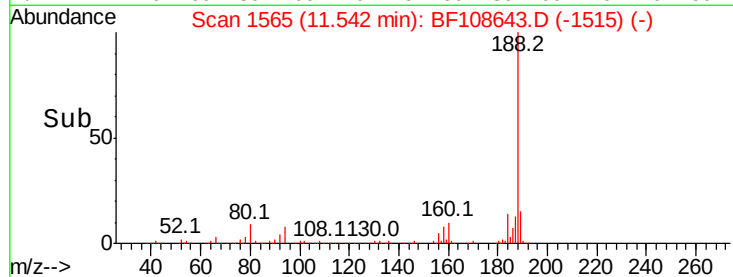
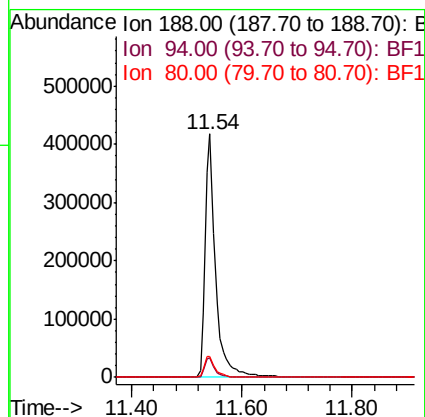
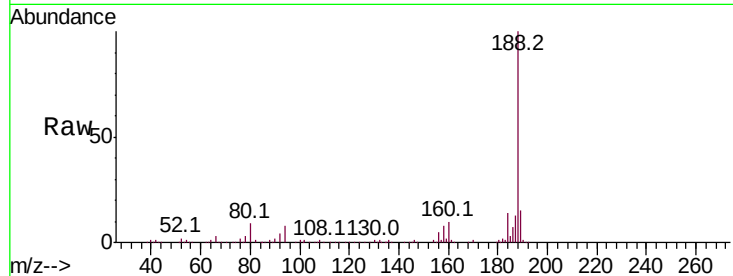




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

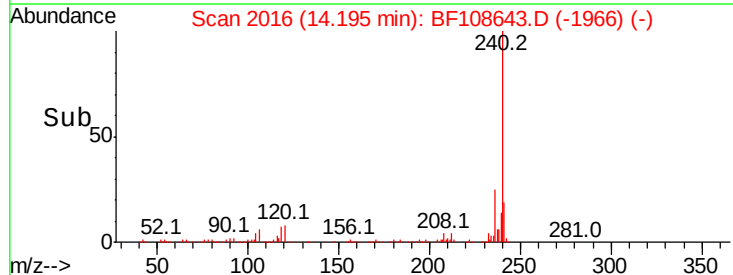
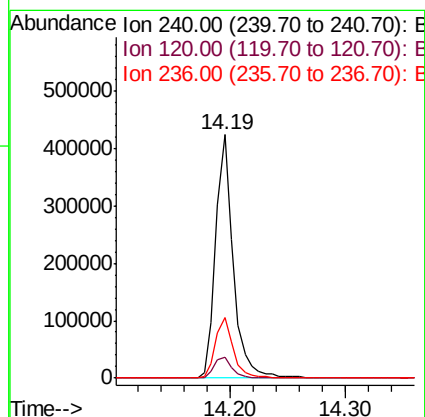
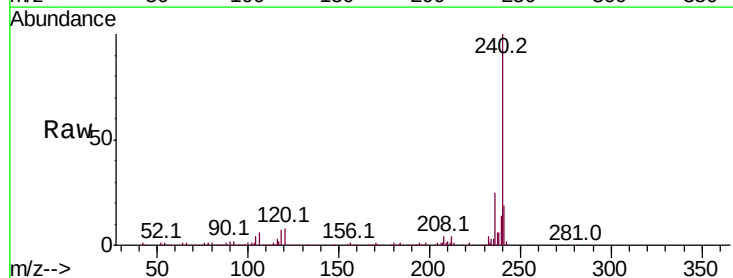
Instrument :
BNA_F
ClientSampleId :
PB112486BL

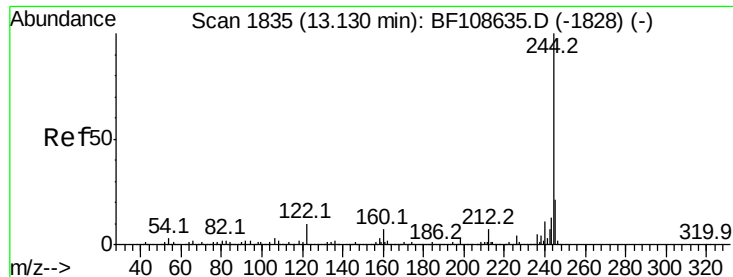
Tot Ion:188 Resp: 539232
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108643.D
Acq: 30 Aug 2018 16:29

Tgt Ion:240 Resp: 450105
Ion Ratio Lower Upper
240 100
120 8.4 9.5 14.3#
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 73.810 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Instrument :

BNA_F

ClientSampleId :

PB112486BL

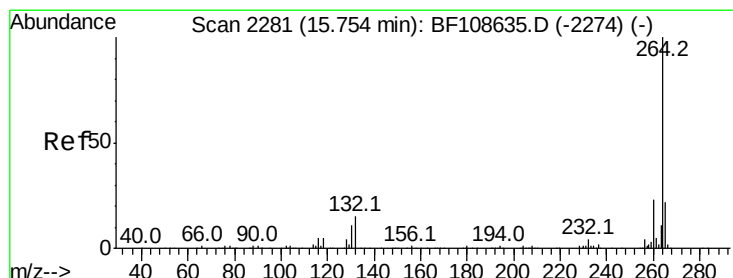
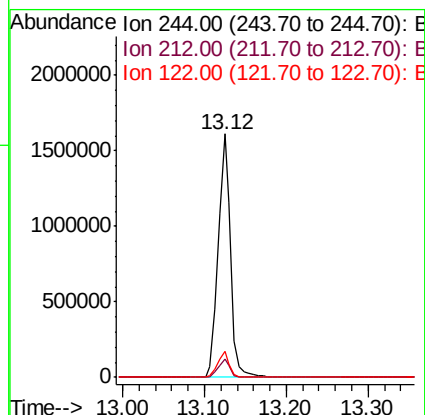
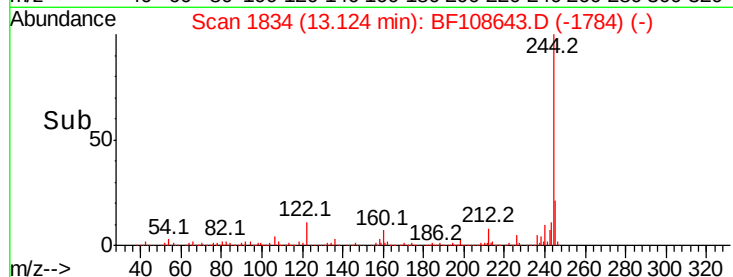
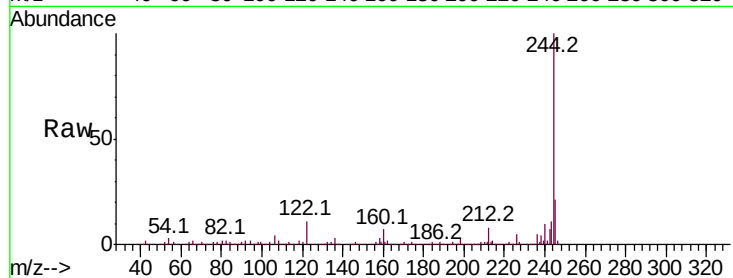
Tot Ion:244 Resp: 1709881

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 10.8 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF108643.D

Acq: 30 Aug 2018 16:29

Tgt Ion:264 Resp: 324381

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.2 17.5 26.3

