

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108644.D
 Acq On : 30 Aug 2018 16:56
 Operator : JU/SJ
 Sample : PB112381BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BL

Quant Time: Aug 30 17:19:17 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	7.01	152	120009	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	489301	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	259623	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	554651	20.00	ng	0.00
75) Chrysene-d12	14.19	240	472310	20.00	ng	0.00
86) Perylene-d12	15.75	264	358723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	760415	110.07	ng	0.00
7) Phenol-d6	6.64	99	1154179	116.65	ng	0.00
23) Nitrobenzene-d5	7.57	82	777625	80.67	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	375037	109.43	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1517668	78.60	ng	0.00
78) Terphenyl-d14	13.12	244	1809139	74.42	ng	0.00

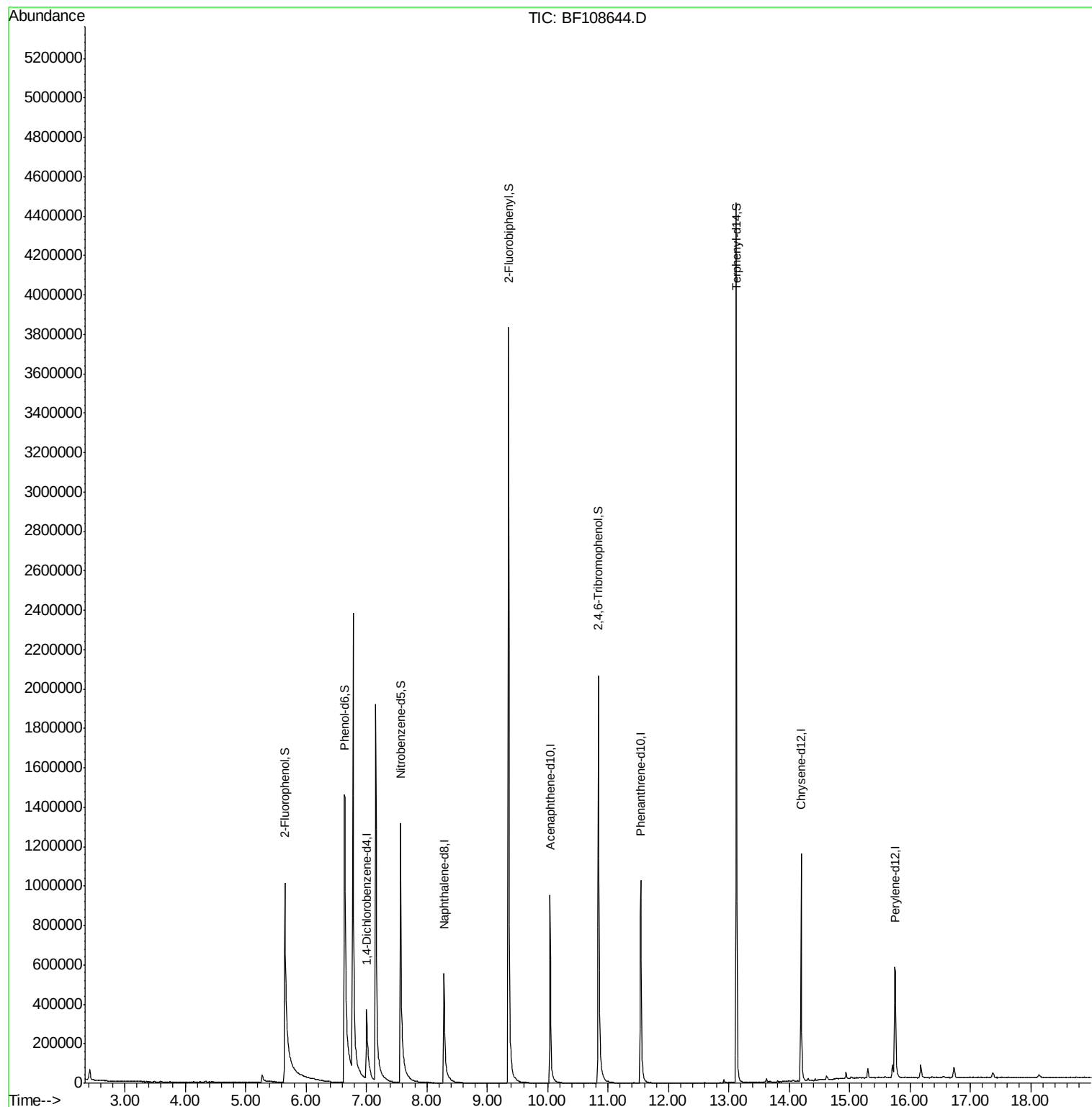
Target Compounds Qvalue

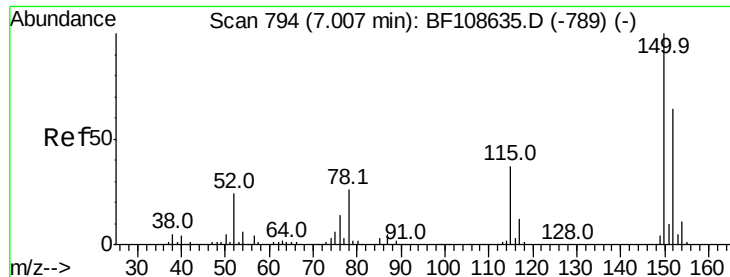
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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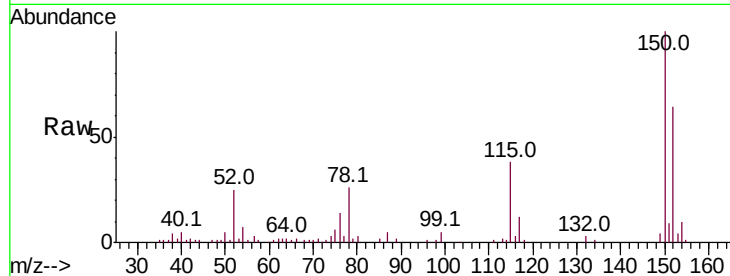


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	58.7	50.1	75.1

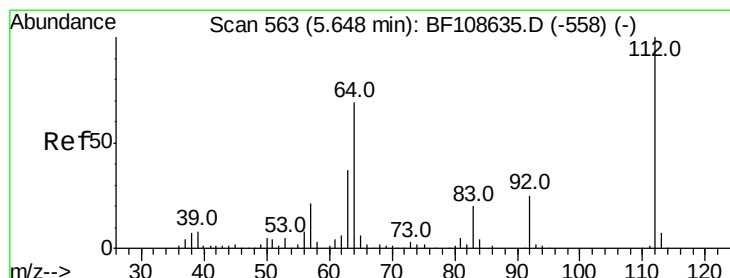
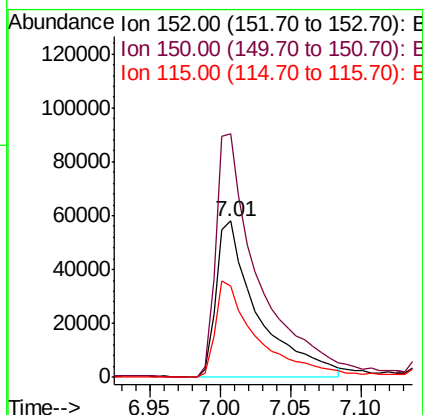
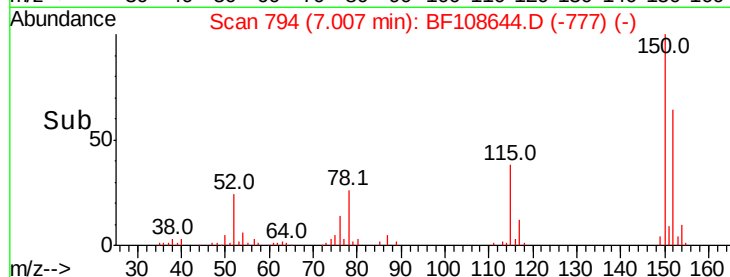


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

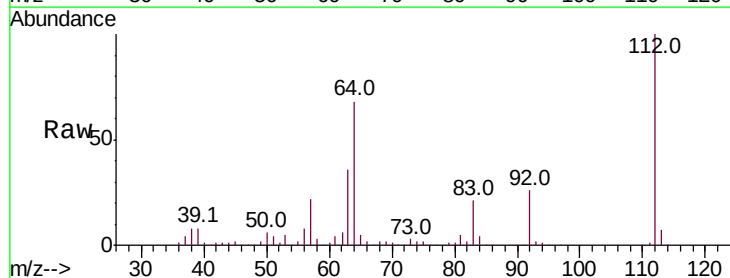
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 110.075 ng
 RT: 5.65 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	36.1	23.7	35.5

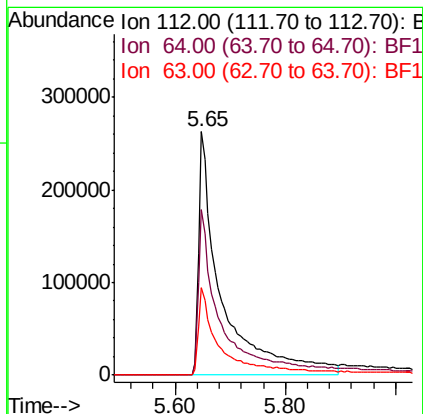
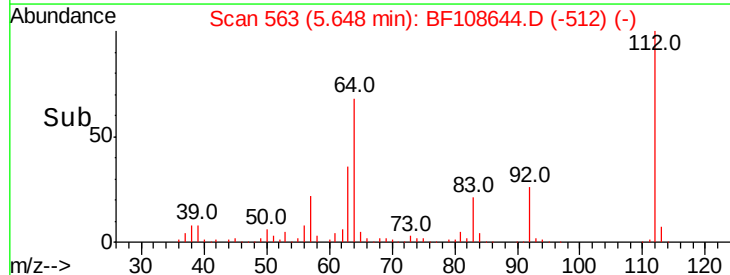


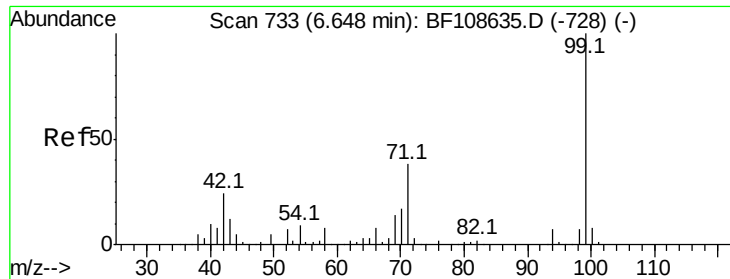
Abundance

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: 116.651 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108644.D

Acq: 30 Aug 2018 16:56

Instrument :

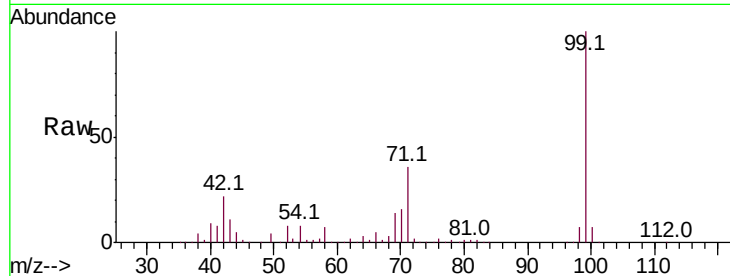
BNA_F

ClientSampleId :

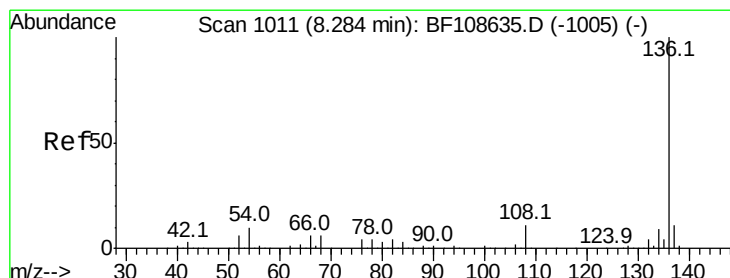
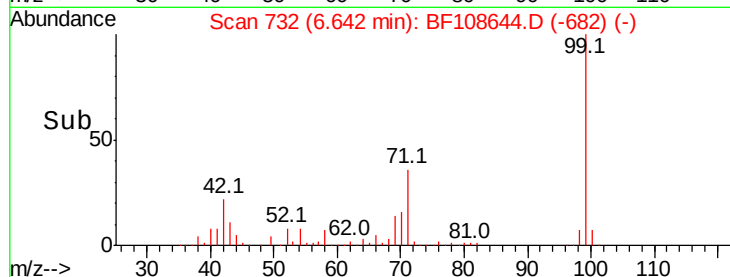
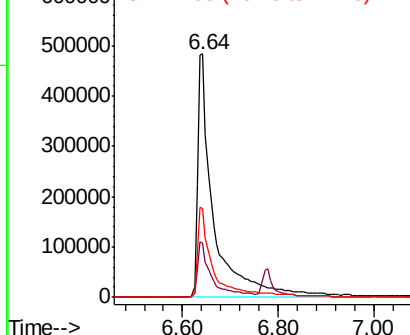
PB112381BL

Tot Ion: 99 Resp: 1154179

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	36.4	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

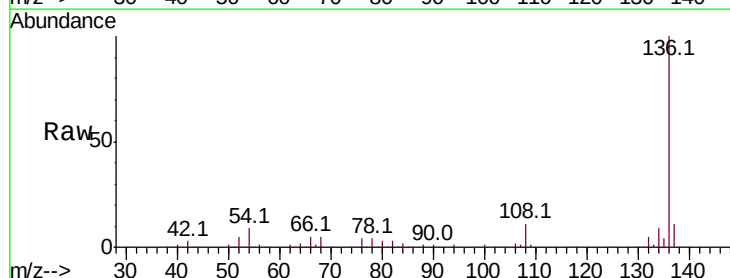
Delta R.T. -0.00 min

Lab File: BF108644.D

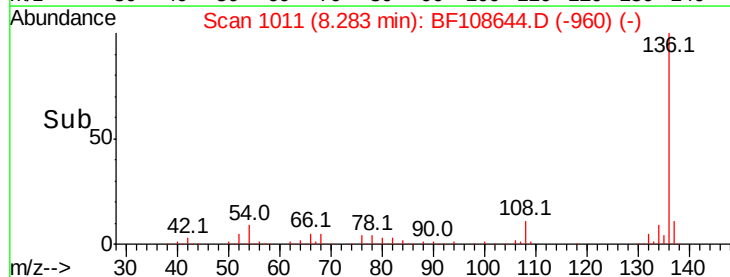
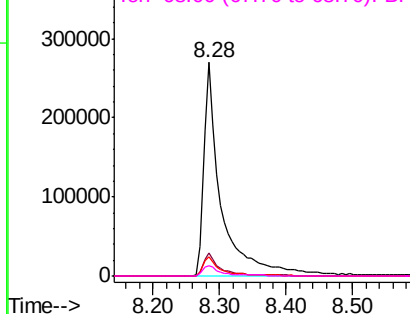
Acq: 30 Aug 2018 16:56

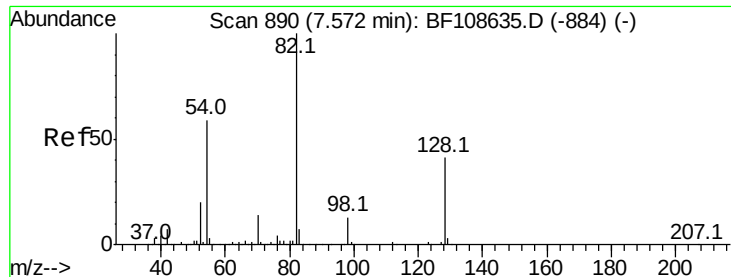
Tgt Ion: 136 Resp: 489301

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	5.1	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

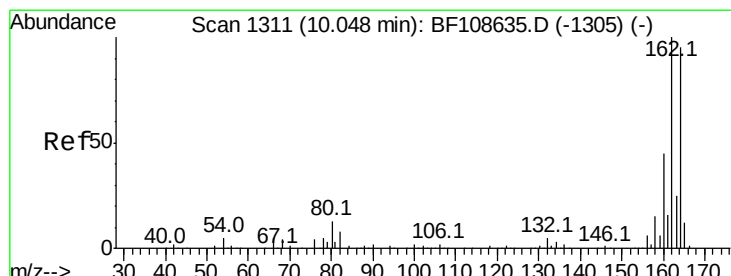
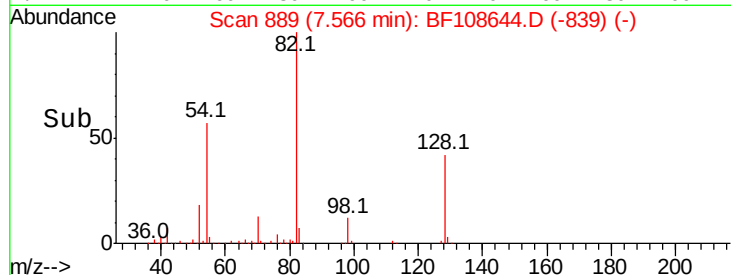
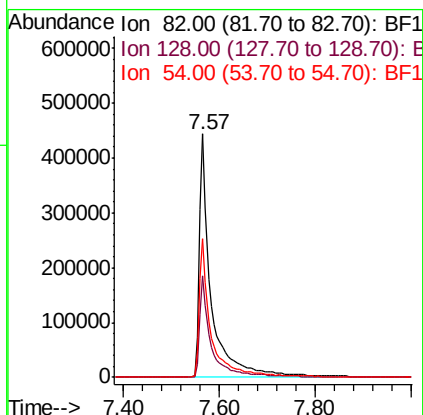
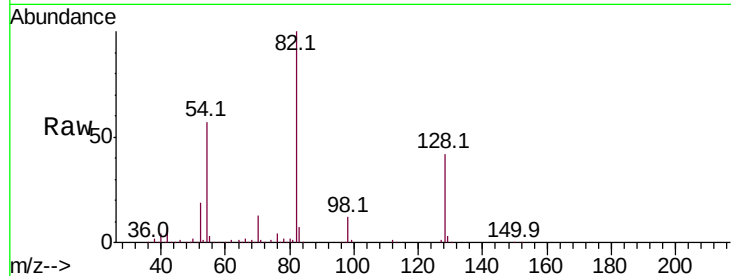




#23
 Nitrobenzene-d5
 Concen: 80.668 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

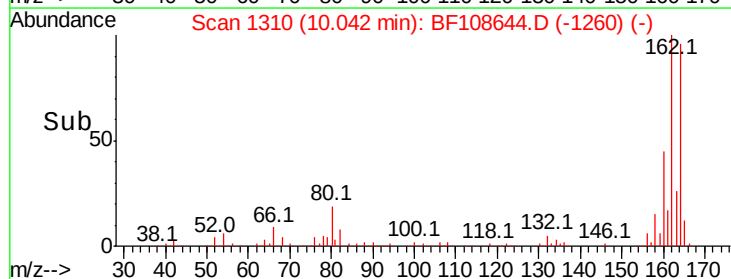
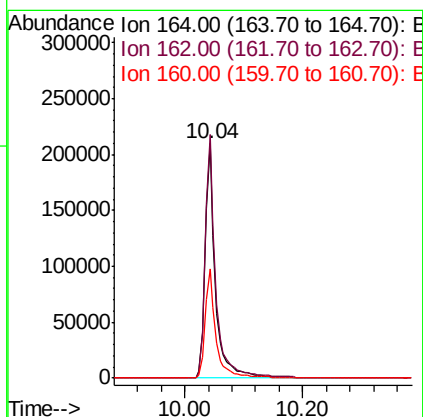
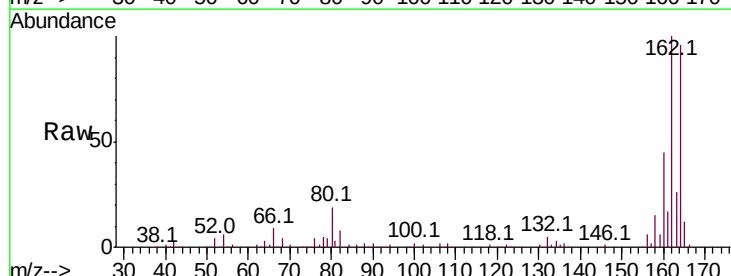
Instrument :
 BNA_F
 ClientSampleId :
 PB112381BL

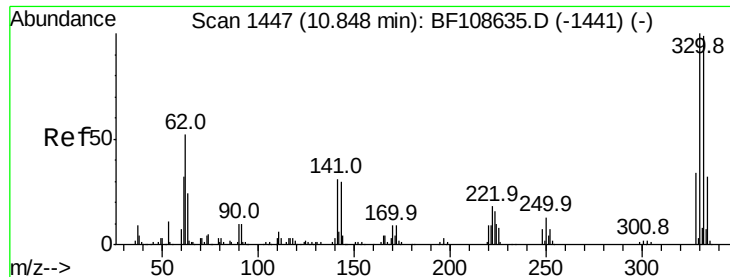
Tot Ion: 82 Resp: 777625
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 56.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

Tgt Ion: 164 Resp: 259623
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.9 38.3 57.5

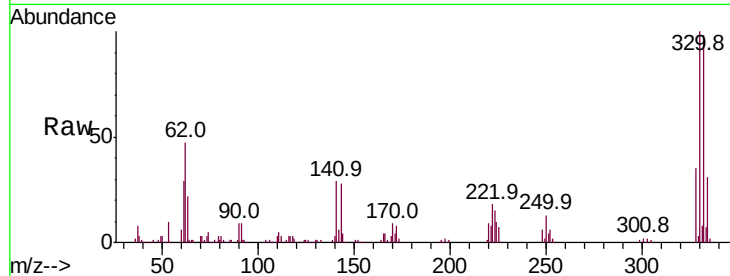




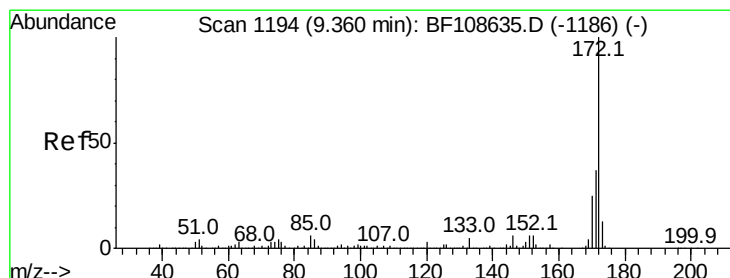
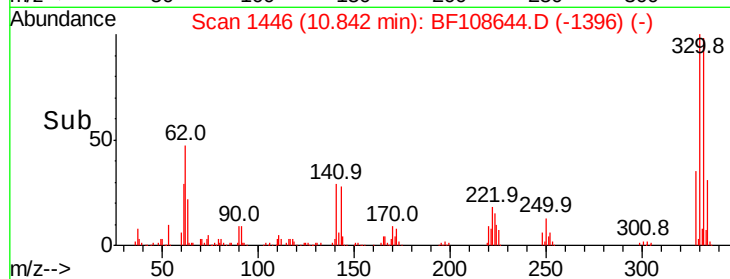
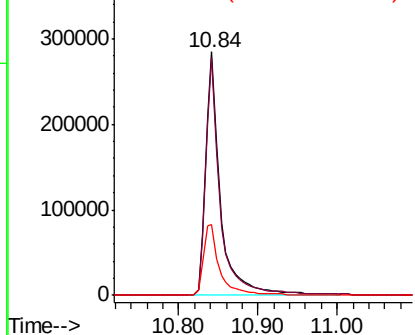
#41
 2,4,6-Tribromophenol
 Concen: 109.425 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.3	29.9	44.9

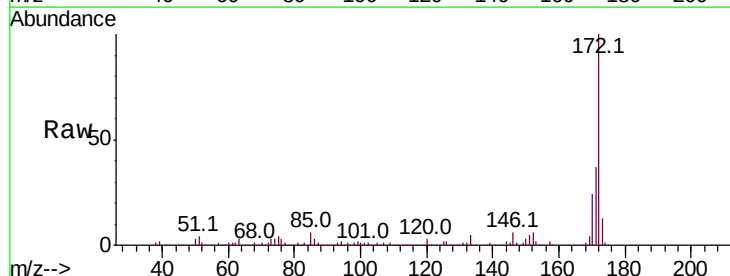


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

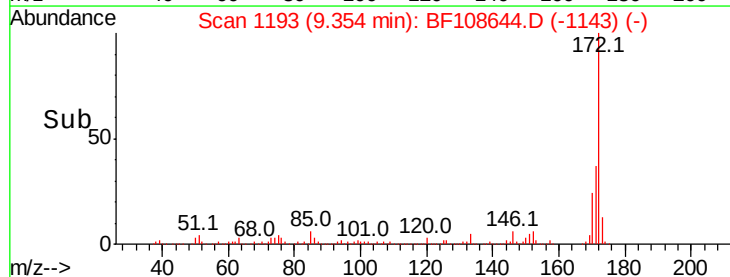
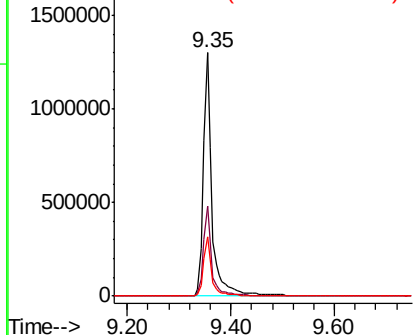


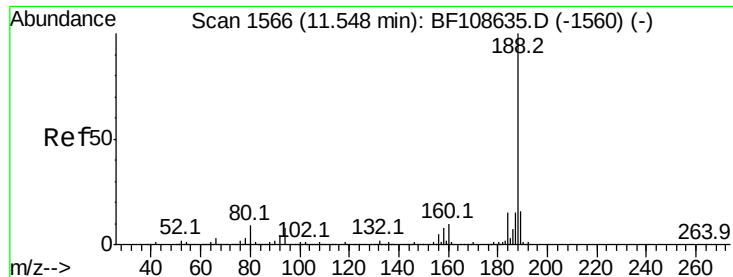
#44
 2-Fluorobiphenyl
 Concen: 78.599 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.2	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: BF108644.D

Acq: 30 Aug 2018 16:56

Instrument :

BNA_F

ClientSampleId :

PB112381BL

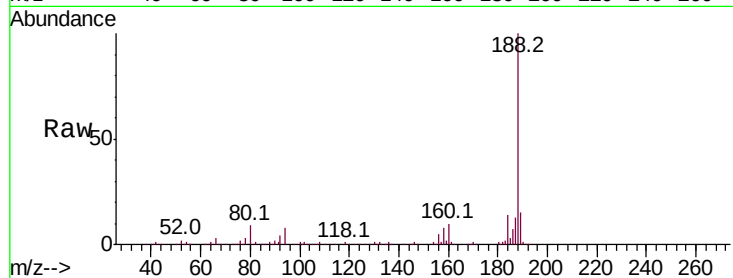
Tot Ion:188 Resp: 554651

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

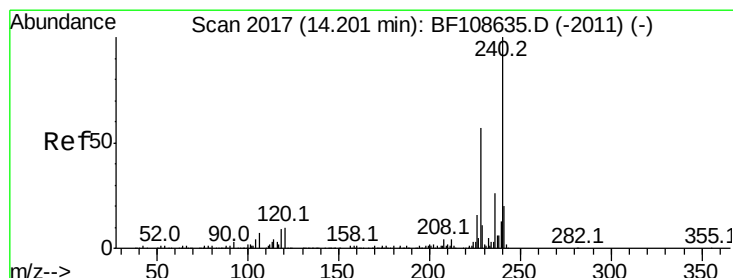
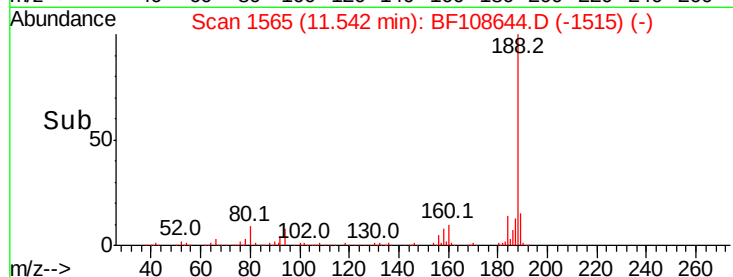
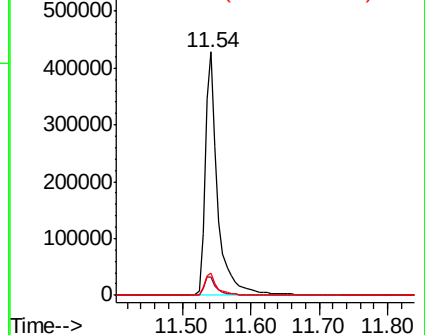
80 8.9 9.2 13.8#



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: BF108644.D

Acq: 30 Aug 2018 16:56

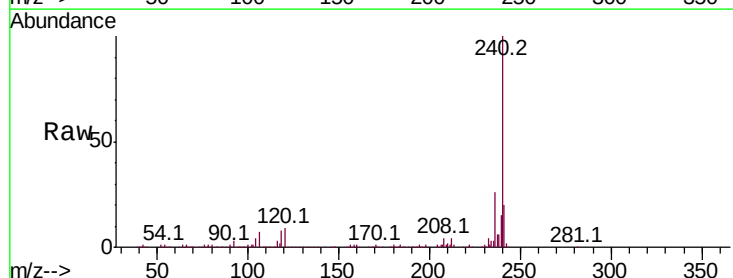
Tgt Ion:240 Resp: 472310

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

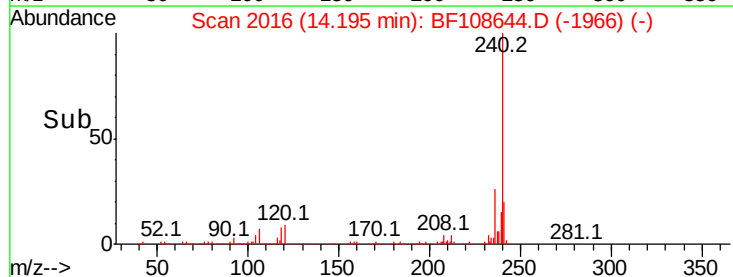
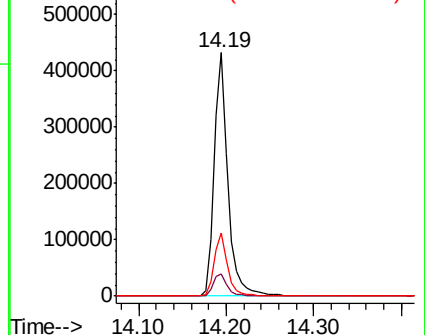
236 26.2 20.7 31.1

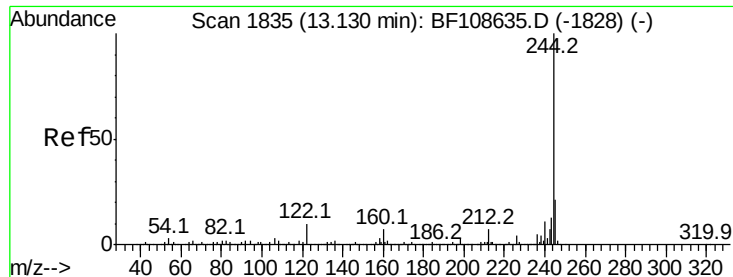


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.423 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108644.D

Acq: 30 Aug 2018 16:56

Instrument :

BNA_F

ClientSampleId :

PB112381BL

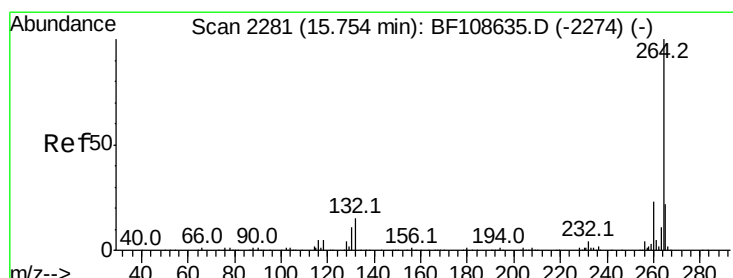
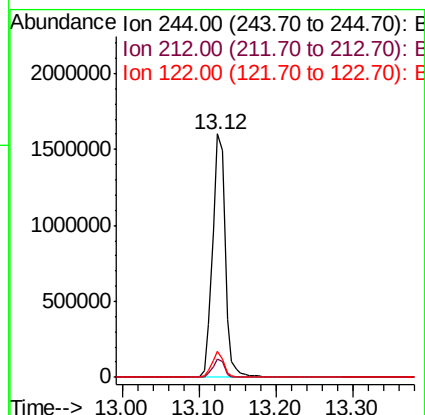
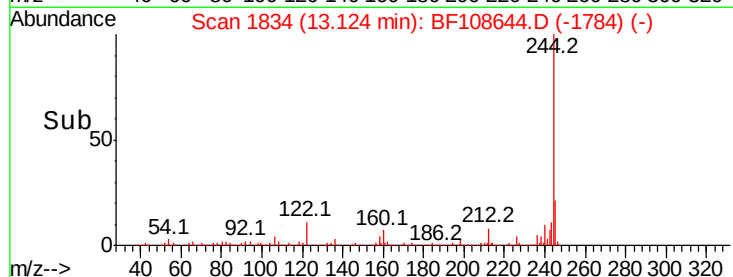
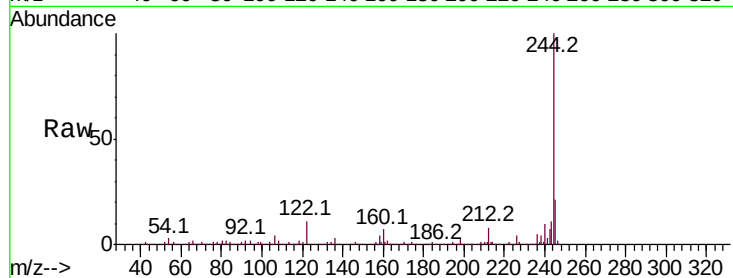
Tot Ion:244 Resp: 1809139

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 10.7 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108644.D

Acq: 30 Aug 2018 16:56

Tgt Ion:264 Resp: 358723

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 17.5 26.3

