

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108645.D
 Acq On : 30 Aug 2018 17:23
 Operator : JU/SJ
 Sample : PB112423BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112423BL

Quant Time: Aug 30 17:46:04 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	139115	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	553582	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	295441	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	622476	20.00	ng	0.00
75) Chrysene-d12	14.19	240	496654	20.00	ng	0.00
86) Perylene-d12	15.75	264	363241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	852299	106.43	ng	0.00
7) Phenol-d6	6.64	99	1265647	110.35	ng	0.00
23) Nitrobenzene-d5	7.57	82	841569	77.16	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	392618	100.67	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1633057	74.32	ng	0.00
78) Terphenyl-d14	13.12	244	1842589	72.08	ng	0.00

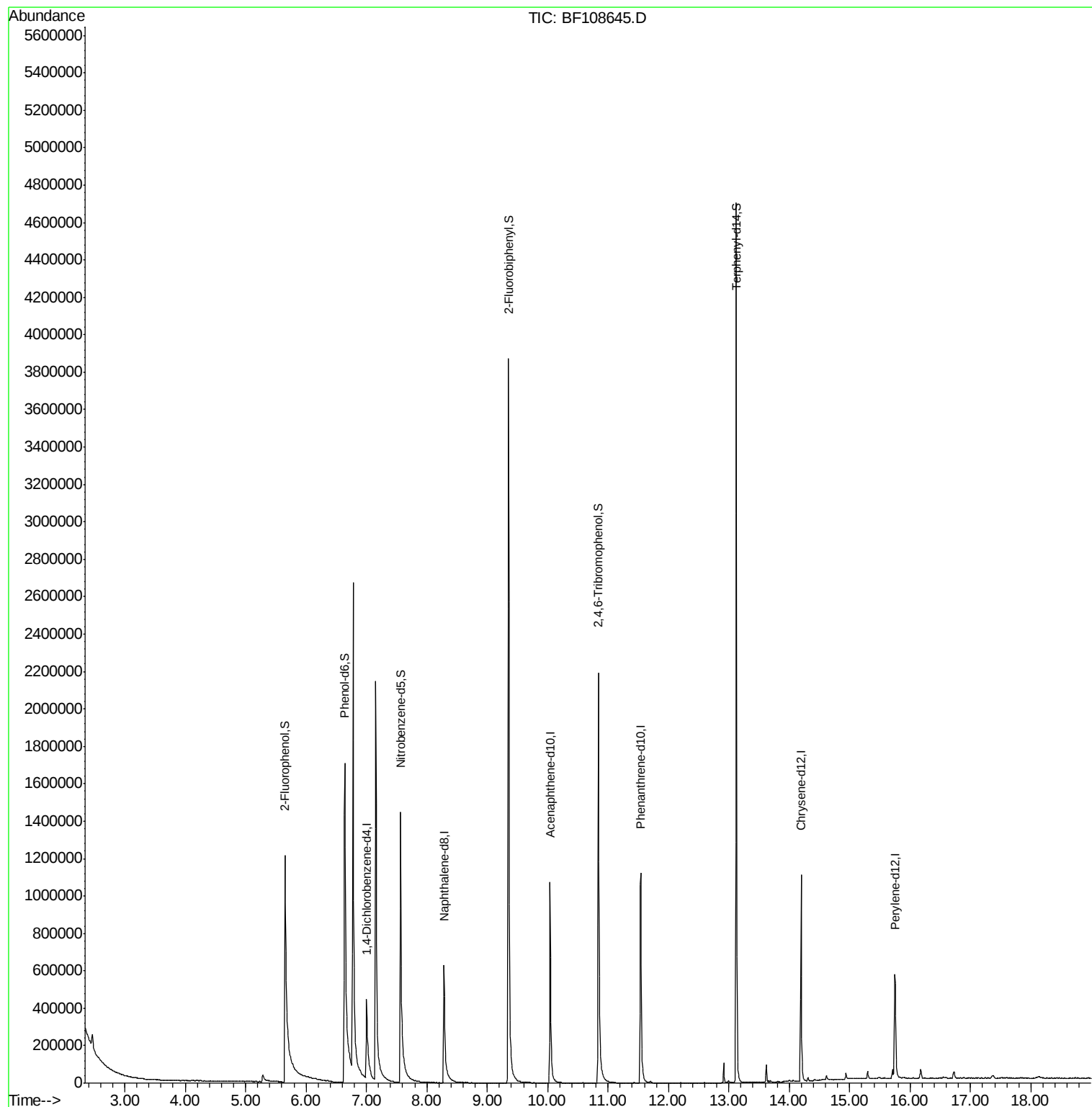
Target Compounds Qvalue

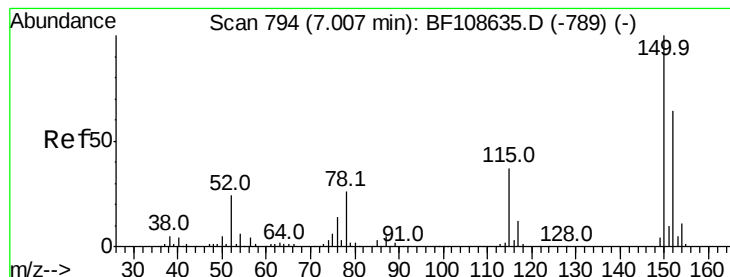
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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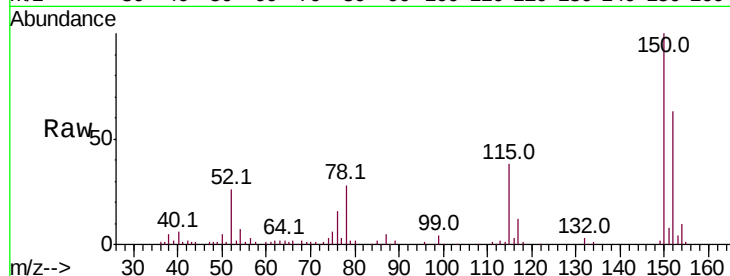


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB112423BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.9	50.1	75.1

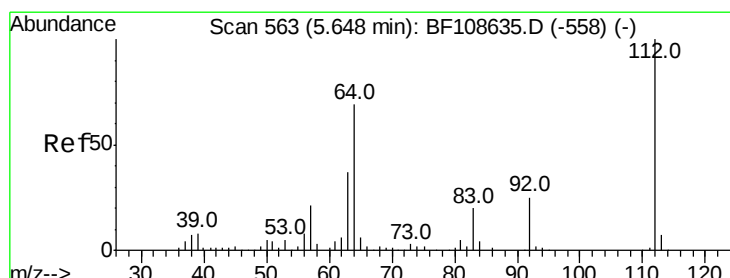
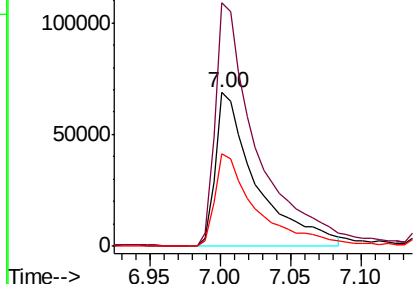
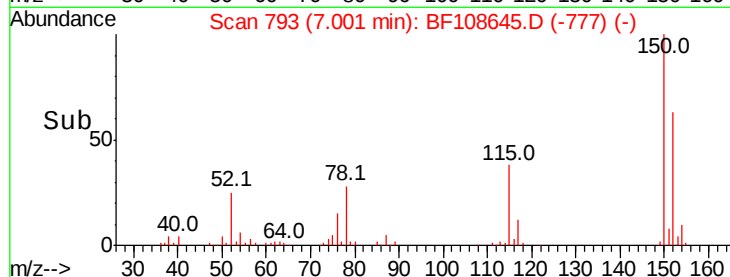


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

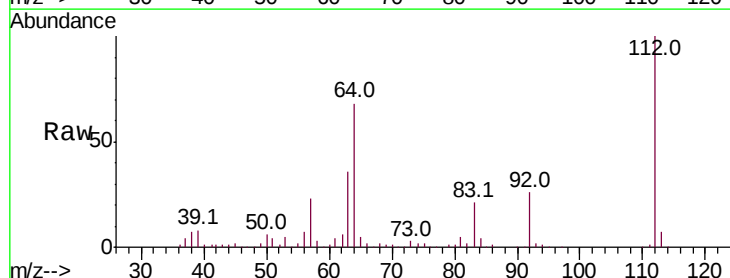
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.431 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	36.2	23.7	35.5

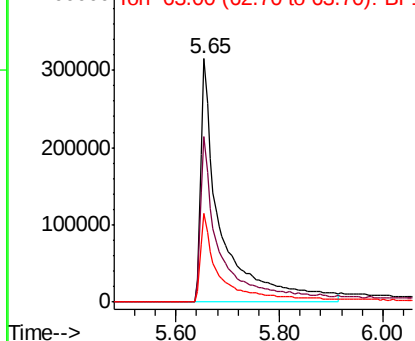
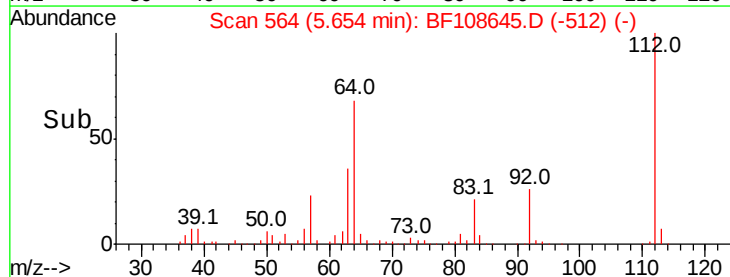


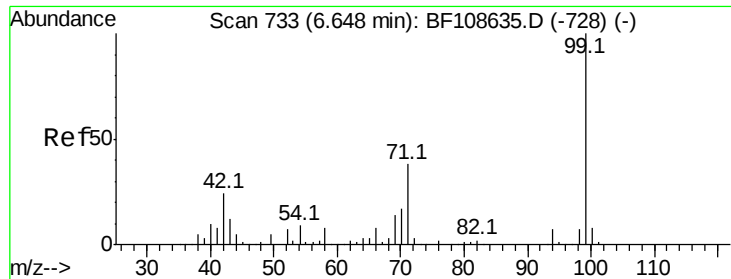
Abundance

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: 110.349 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108645.D

Acq: 30 Aug 2018 17:23

Instrument :

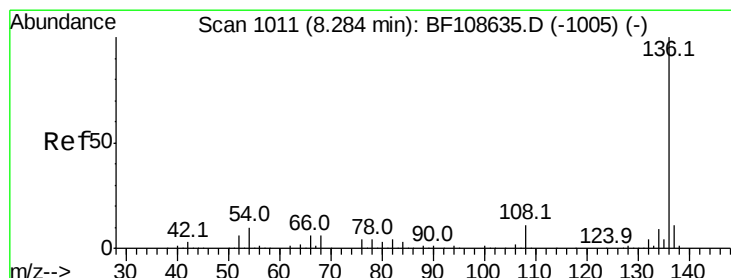
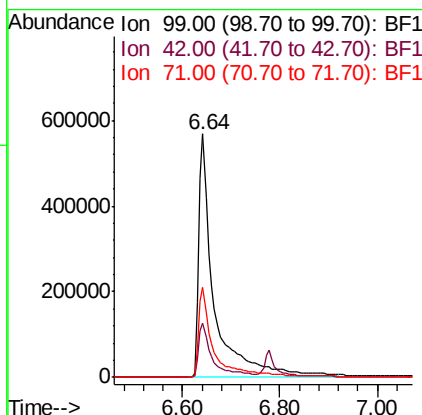
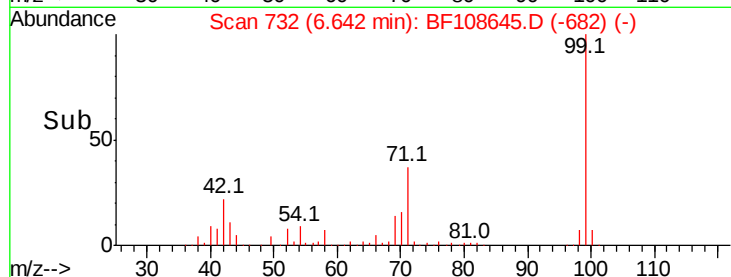
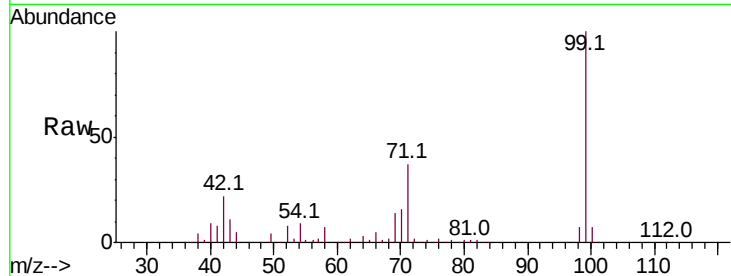
BNA_F

ClientSampleId :

PB112423BL

Tot Ion: 99 Resp: 1265647

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	37.1	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

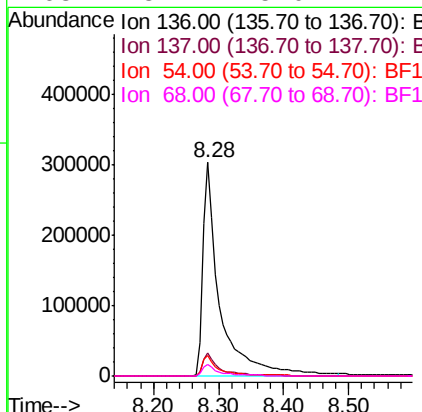
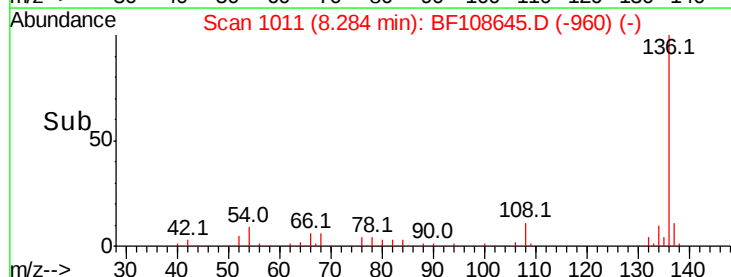
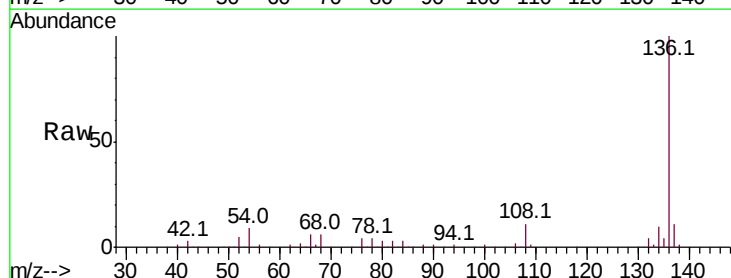
Delta R.T. 0.00 min

Lab File: BF108645.D

Acq: 30 Aug 2018 17:23

Tgt Ion: 136 Resp: 553582

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	5.7	5.0	7.4

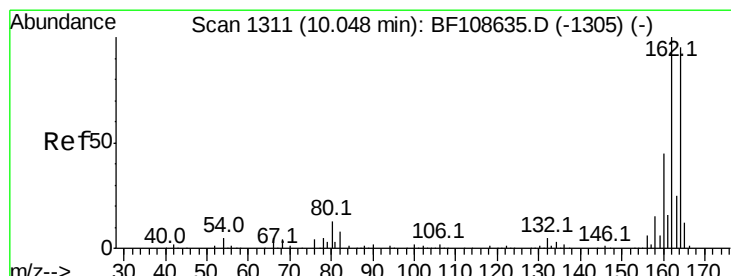
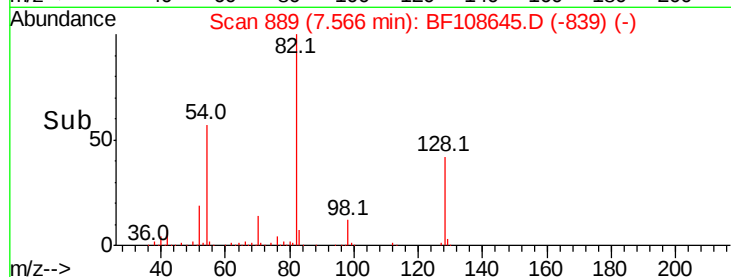
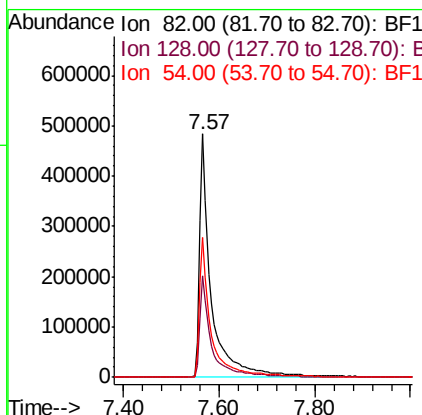
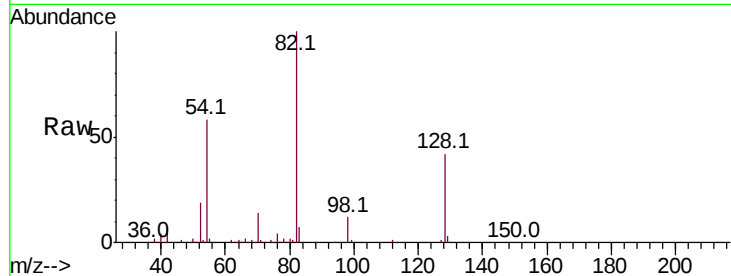




#23
 Nitrobenzene-d5
 Concen: 77.165 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

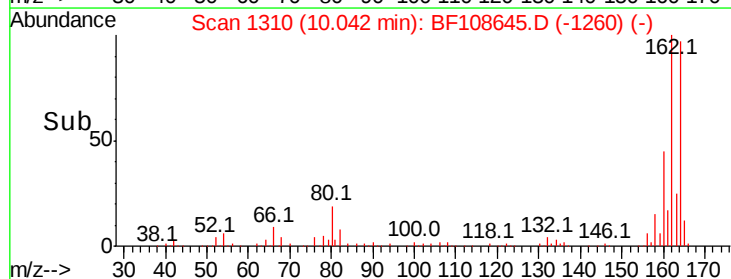
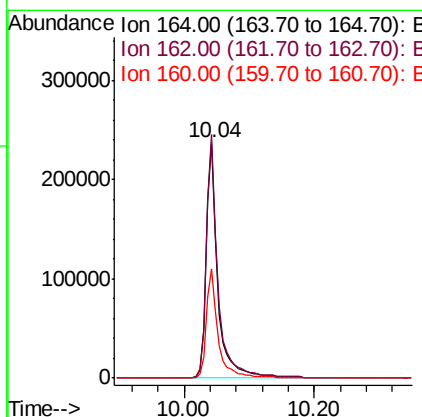
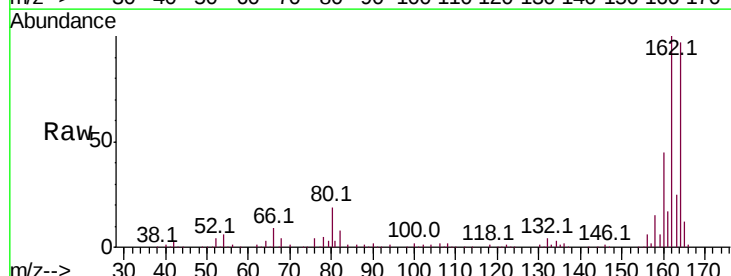
Instrument :
 BNA_F
 ClientSampleId :
 PB112423BL

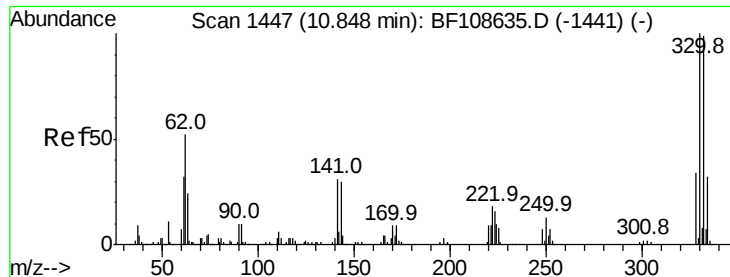
Tot Ion: 82 Resp: 841569
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.1 54.1
 54 57.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Tgt Ion: 164 Resp: 295441
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.3 38.3 57.5

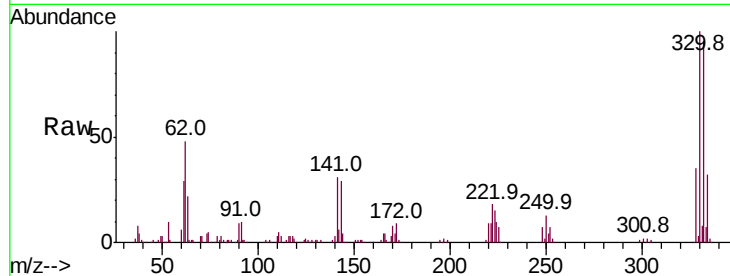




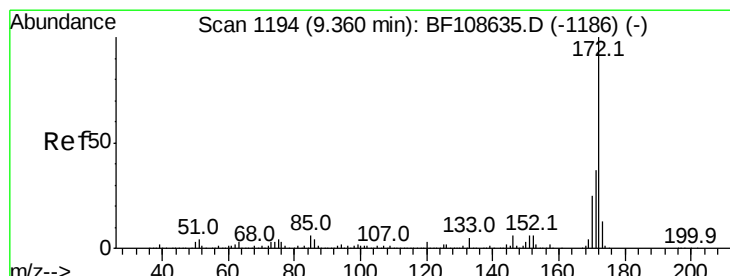
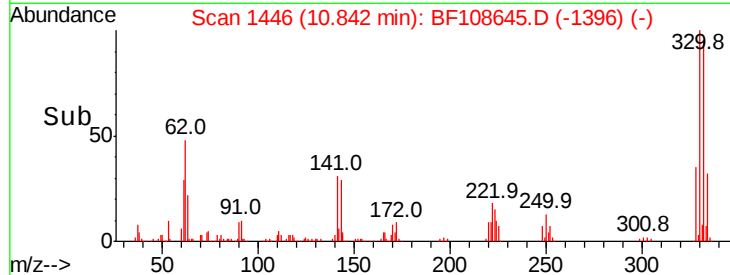
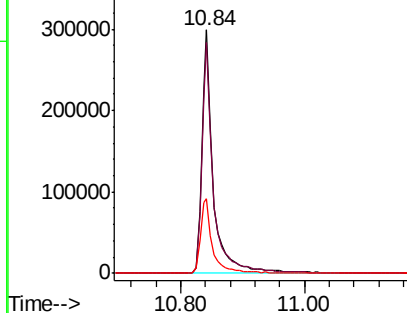
#41
 2,4,6-Tribromophenol
 Concen: 100.667 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112423BL

Tot Ion:330 Resp: 392618
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.0 29.9 44.9

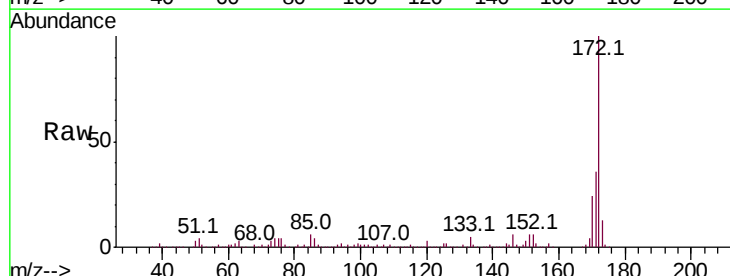


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

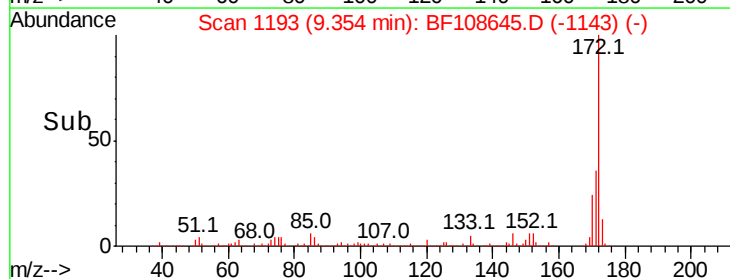
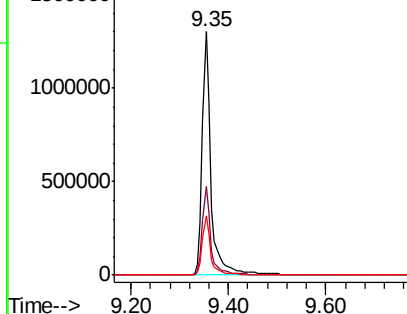


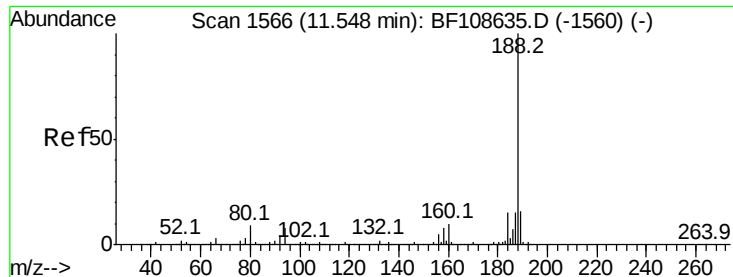
#44
 2-Fluorobiphenyl
 Concen: 74.322 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108645.D
 Acq: 30 Aug 2018 17:23

Tgt Ion:172 Resp: 1633057
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

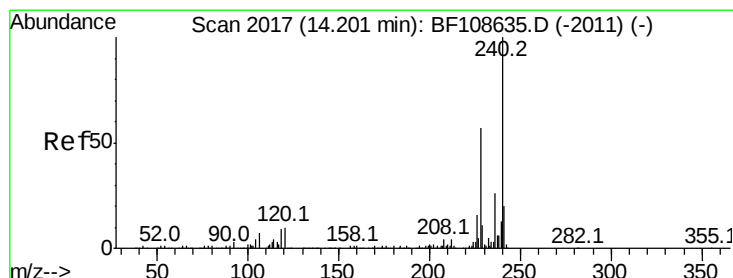
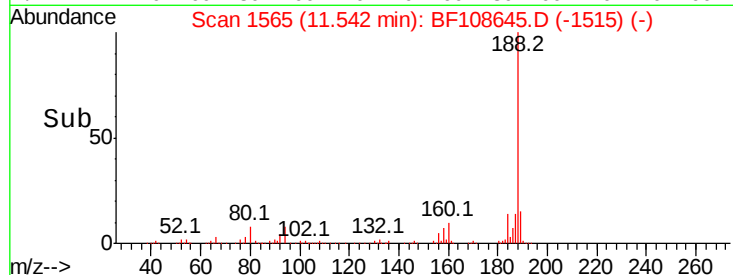
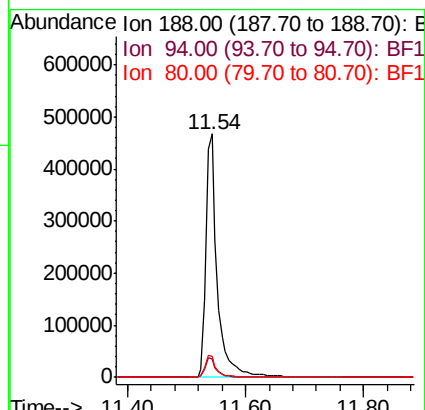
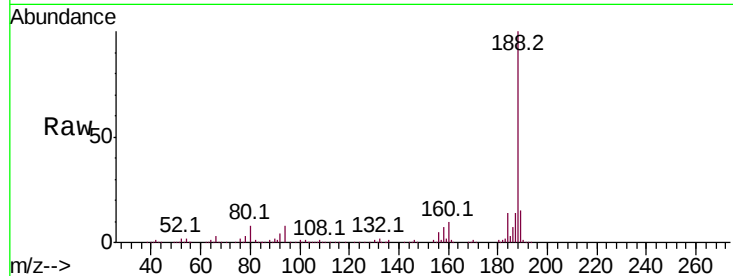




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

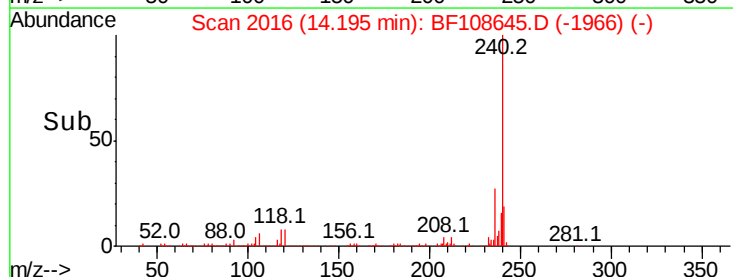
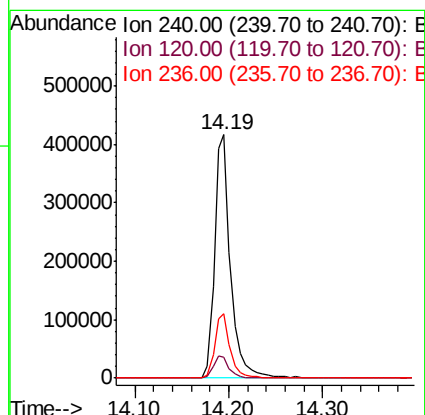
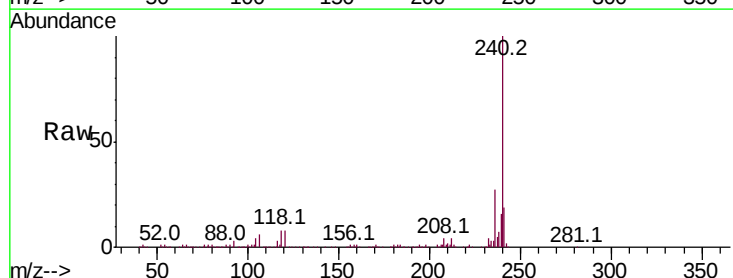
Instrument :
BNA_F
ClientSampleId :
PB112423BL

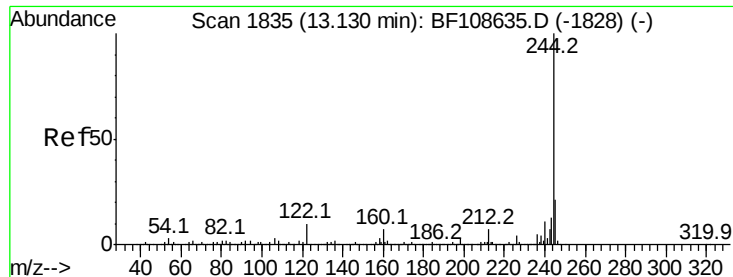
Tot Ion:188 Resp: 622476
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108645.D
Acq: 30 Aug 2018 17:23

Tgt Ion:240 Resp: 496654
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 72.084 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108645.D

Acq: 30 Aug 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB112423BL

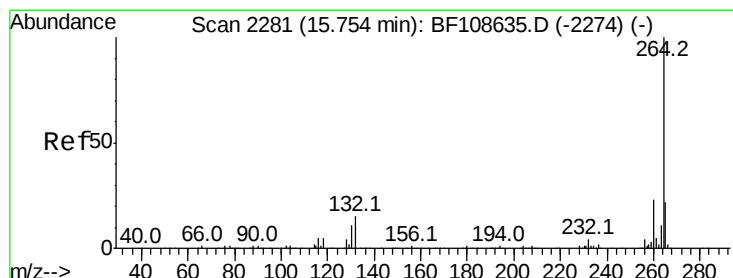
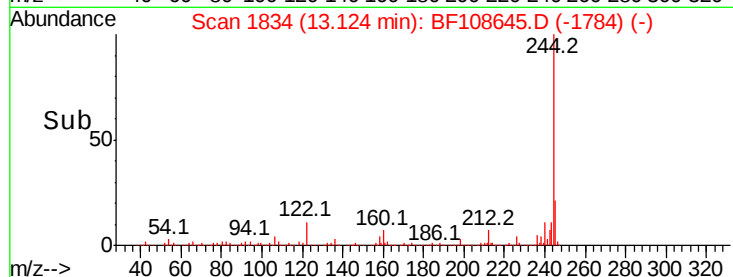
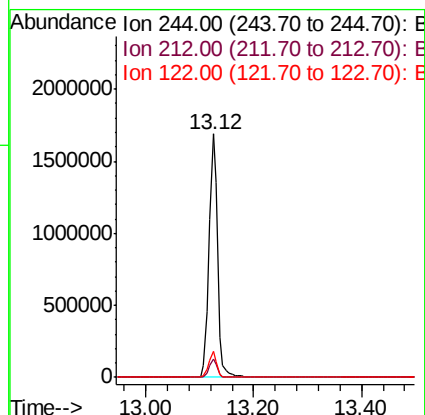
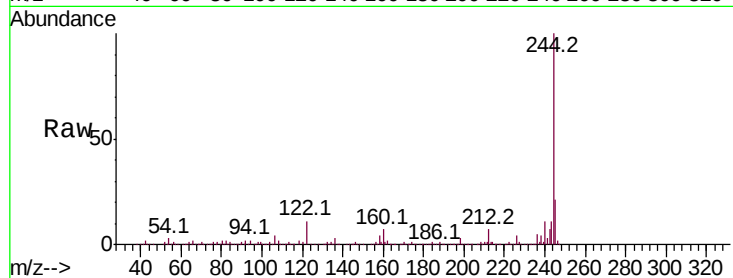
Tot Ion:244 Resp: 1842589

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 10.9 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: BF108645.D

Acq: 30 Aug 2018 17:23

Tgt Ion:264 Resp: 363241

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 17.5 26.3

