

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108691.D
 Acq On : 31 Aug 2018 16:13
 Operator : JU/SJ
 Sample : J4712-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06

Quant Time: Aug 31 18:06:01 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

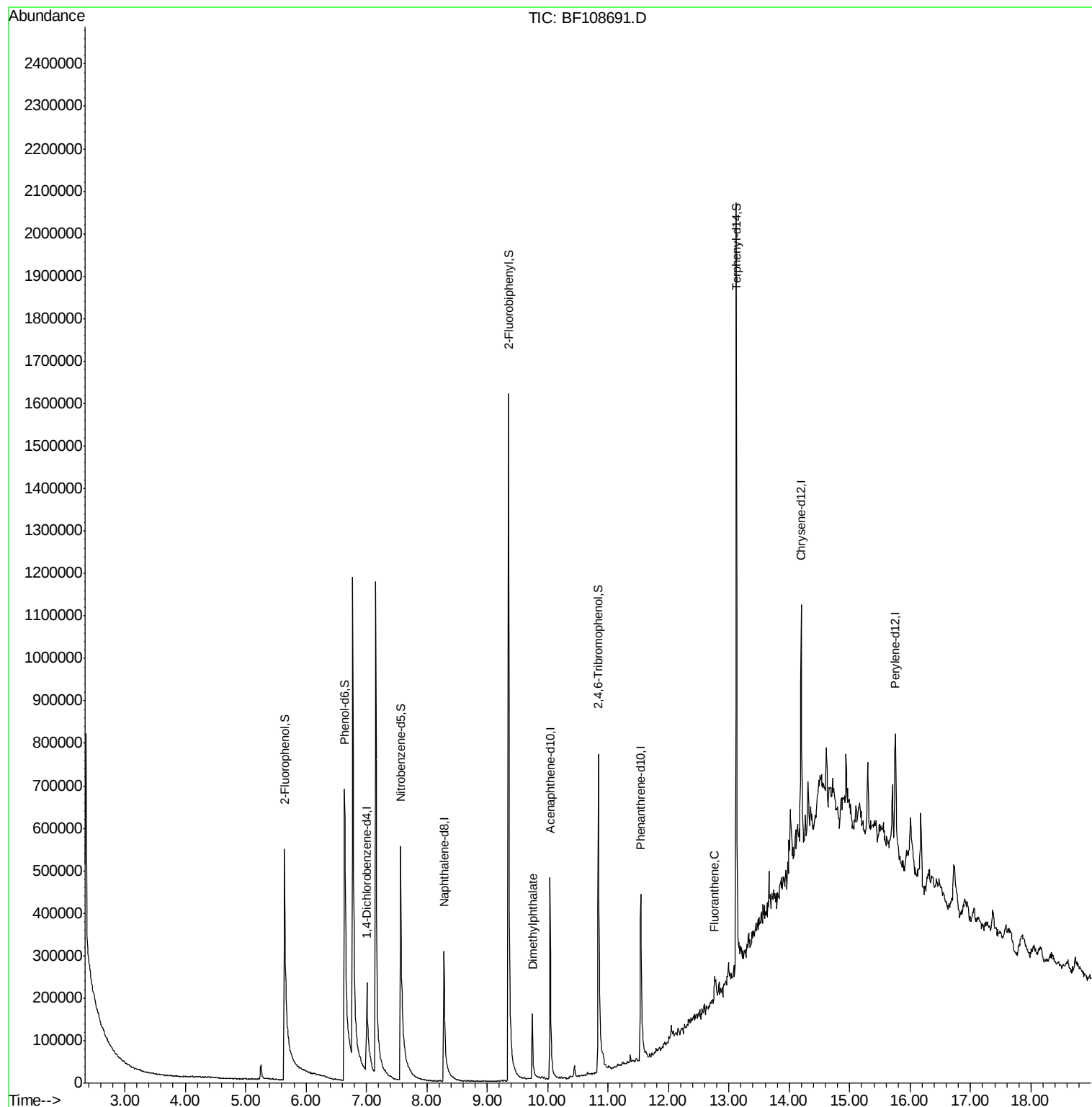
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	79267	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	308976	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	131534	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	244089	20.00	ng	0.00
75) Chrysene-d12	14.19	240	245307	20.00	ng	0.00
86) Perylene-d12	15.75	264	201230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448406	98.27	ng	0.00
7) Phenol-d6	6.64	99	646552	98.93	ng	-0.01
23) Nitrobenzene-d5	7.57	82	456680	75.02	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	161888	93.23	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	775112	79.23	ng	0.00
78) Terphenyl-d14	13.12	244	752728	59.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	109556	10.577	ng	Qvalue # 99
74) Fluoranthene	12.76	202	34558	2.492	ng	91

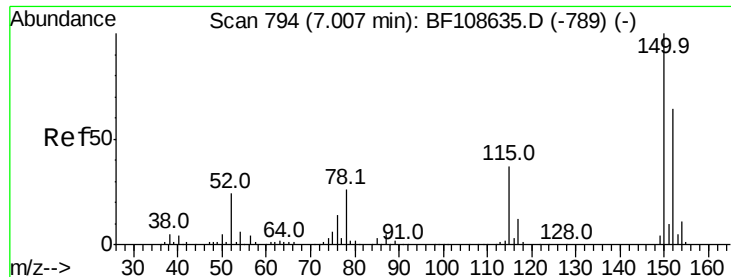
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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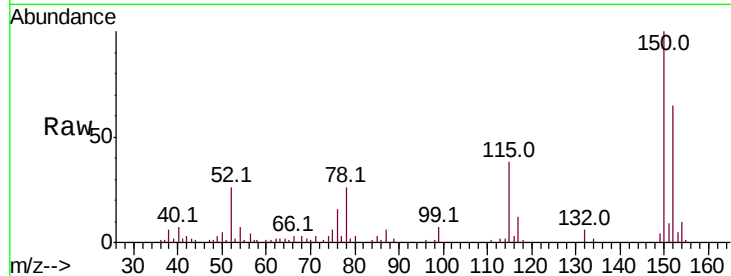


#1

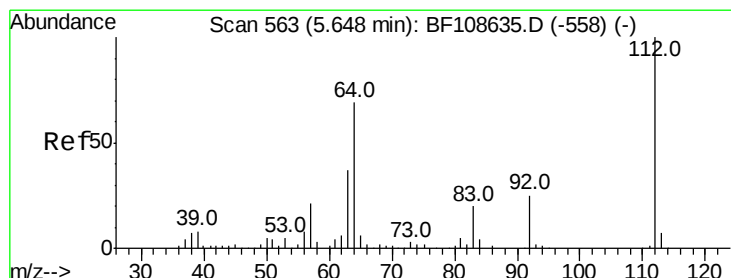
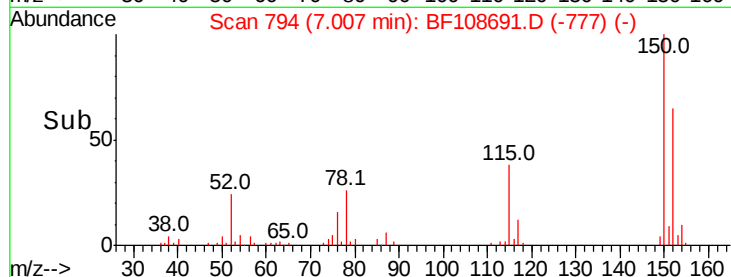
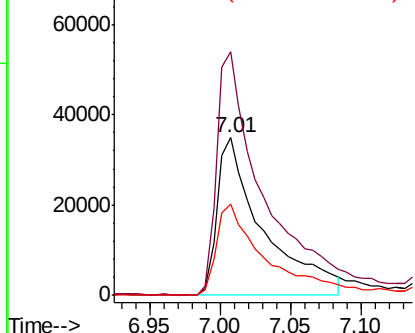
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SB-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	58.2	50.1	75.1



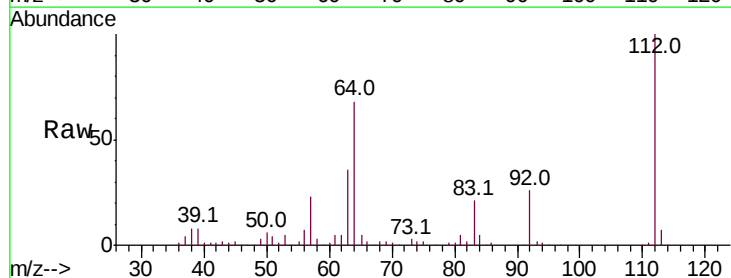
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



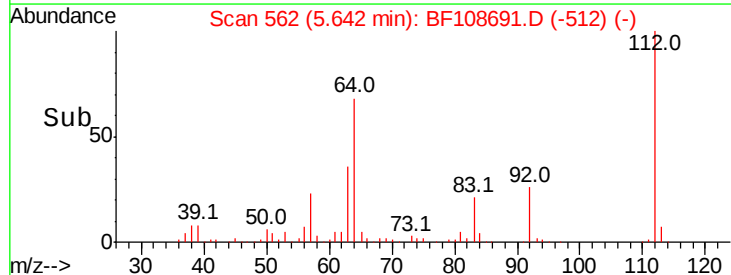
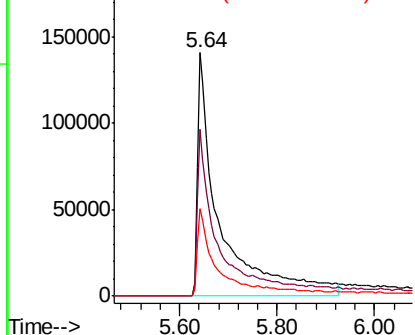
#5

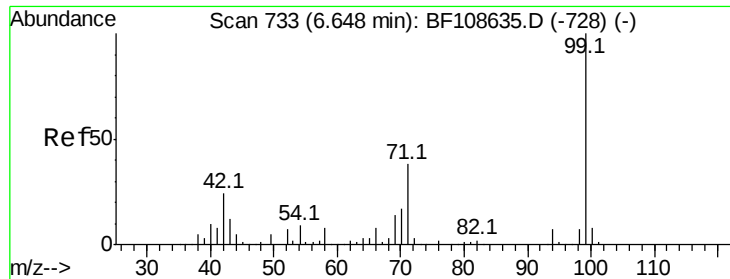
2-Fluorophenol
Concen: 98.272 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	35.9	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: 98.933 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SB-06

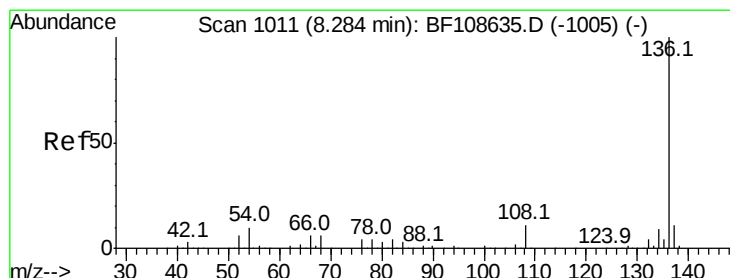
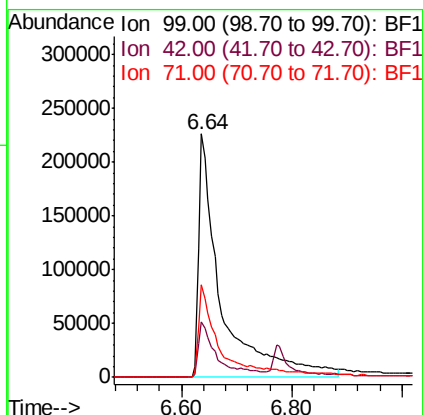
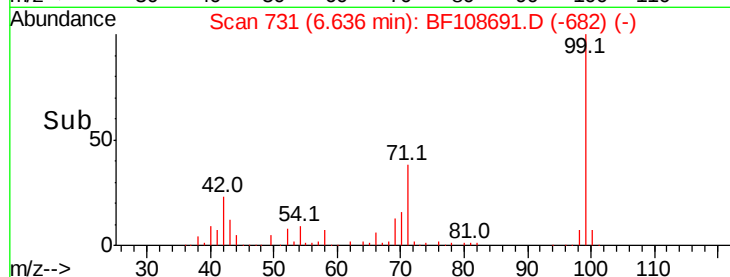
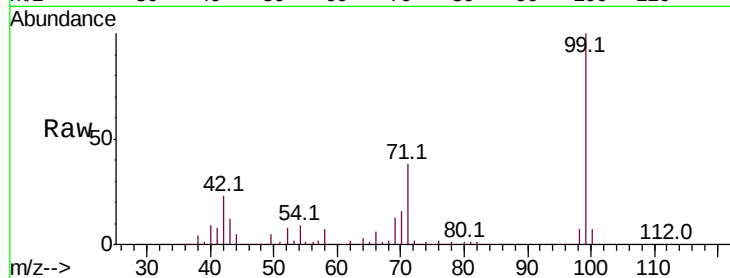
Tot Ion: 99 Resp: 646552

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

71 38.2 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: BF108691.D

Acq: 31 Aug 2018 16:13

Tgt Ion: 136 Resp: 308976

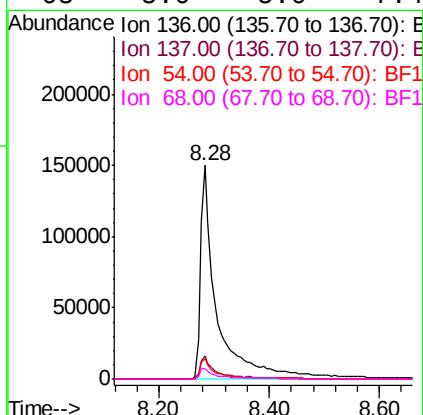
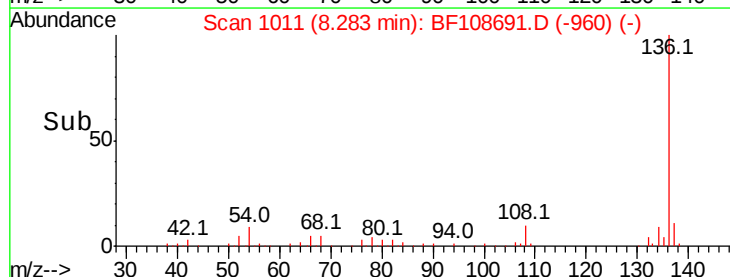
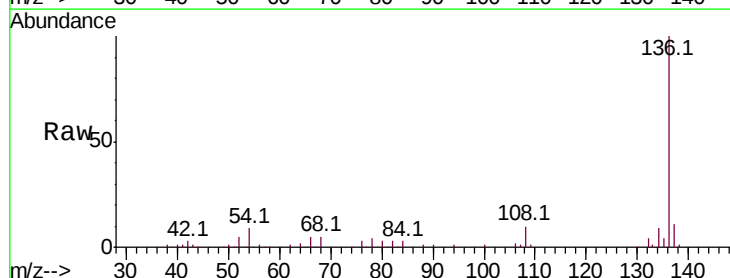
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 5.0 5.0 7.4#

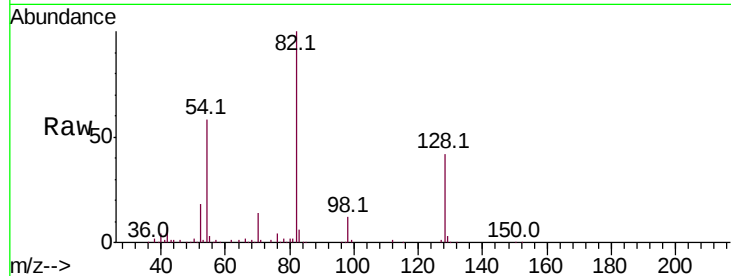




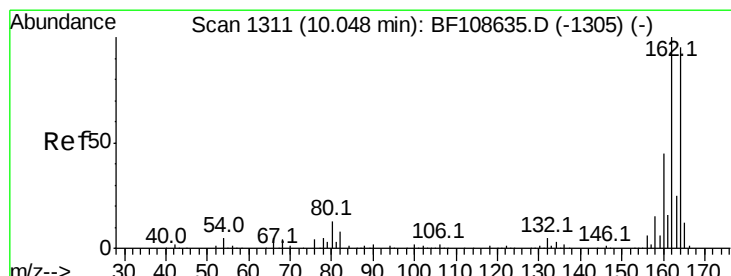
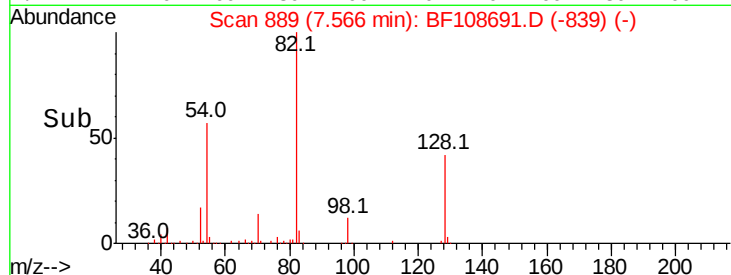
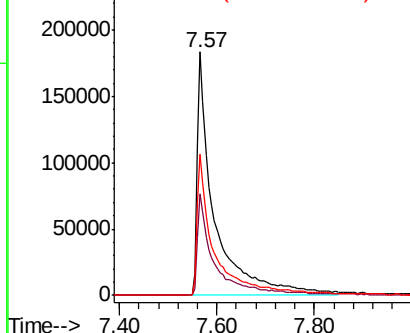
#23
Nitrobenzene-d5
Concen: 75.023 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Instrument :
BNA_F
ClientSampleId :
SB-06

Tot Ion: 82 Resp: 456680
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 57.9 41.4 62.2

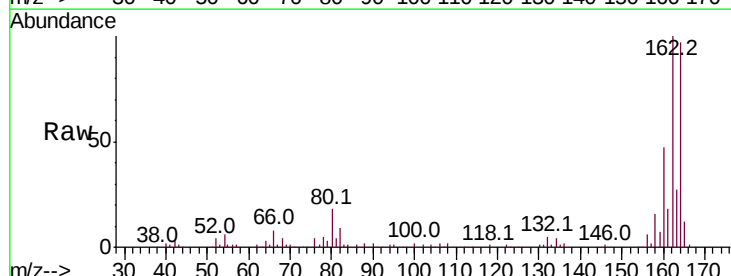


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

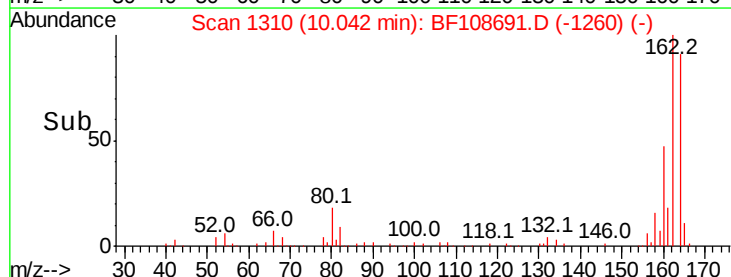
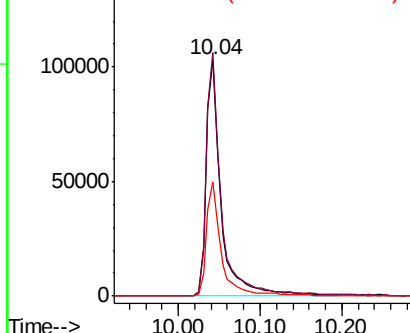


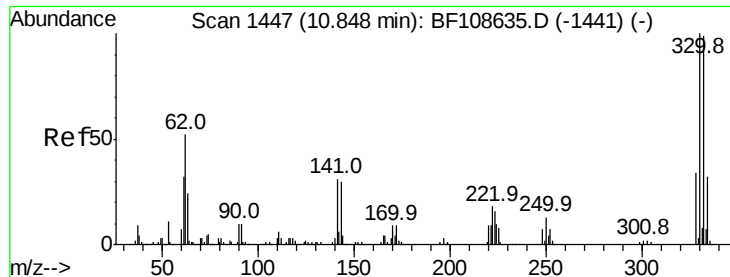
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Tgt Ion:164 Resp: 131534
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 48.5 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

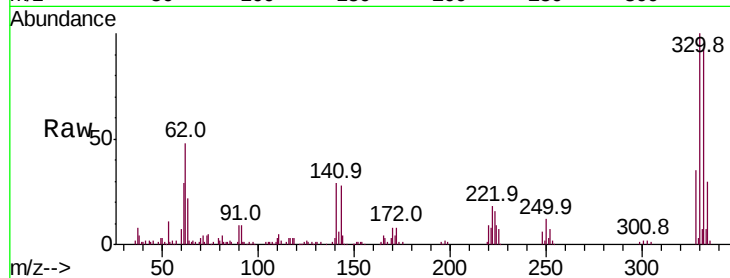




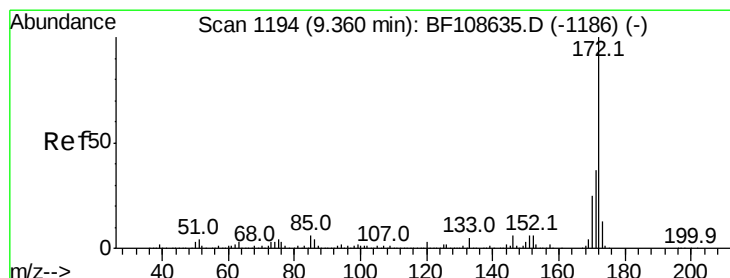
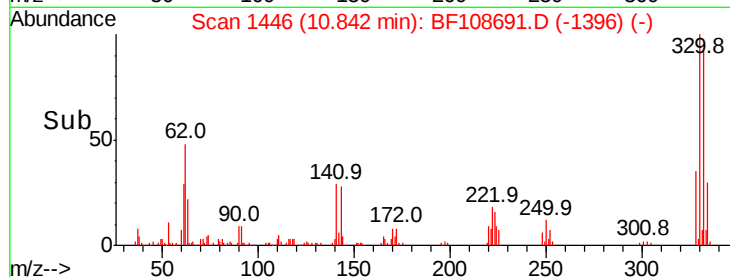
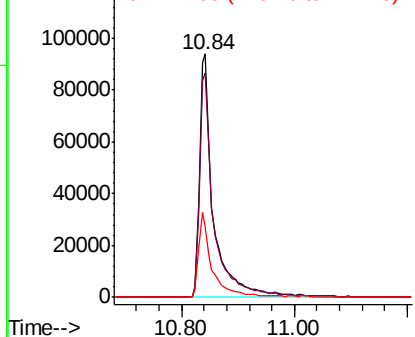
#41
 2,4,6-Tribromophenol
 Concen: 93.231 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108691.D
 Acq: 31 Aug 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-06

Tot Ion:330 Resp: 161888
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 33.0 29.9 44.9

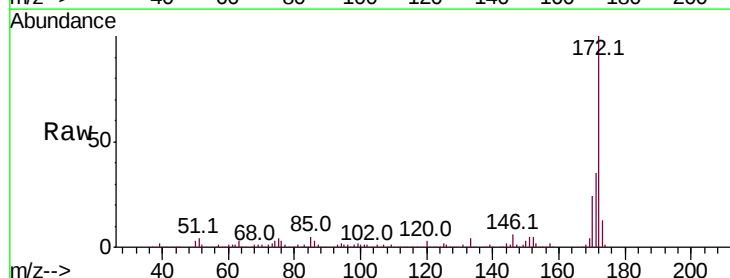


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

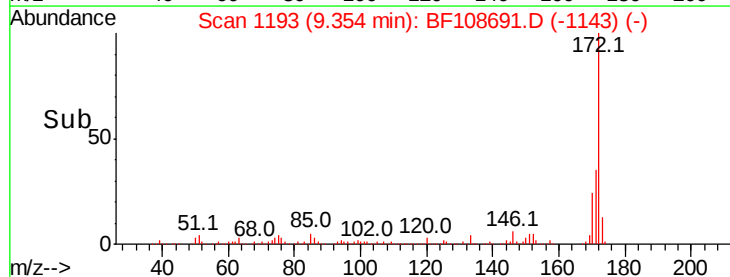
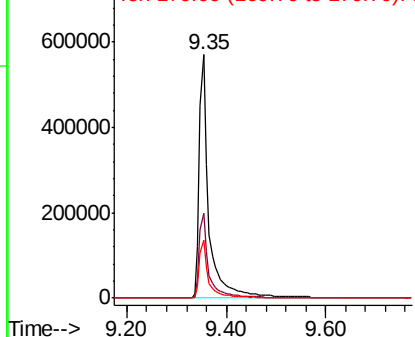


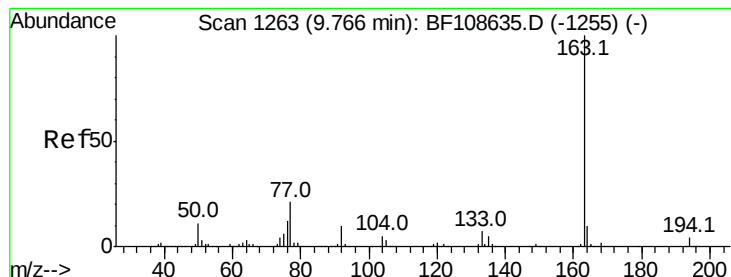
#44
 2-Fluorobiphenyl
 Concen: 79.234 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108691.D
 Acq: 31 Aug 2018 16:13

Tgt Ion:172 Resp: 775112
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.8 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: 10.577 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

Instrument :

BNA_F

ClientSampleId :

SB-06

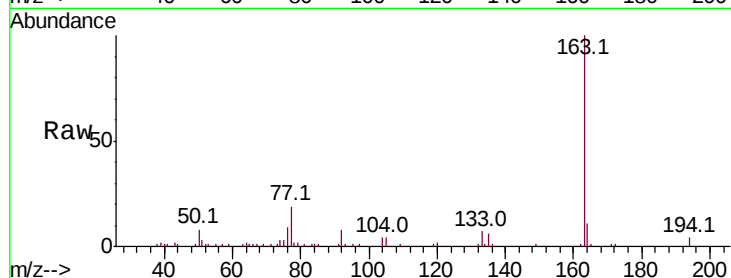
Tot Ion:163 Resp: 109556

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

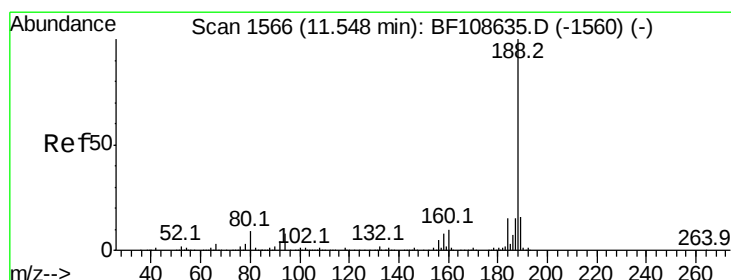
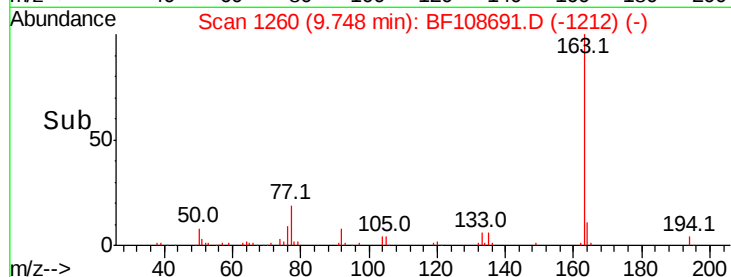
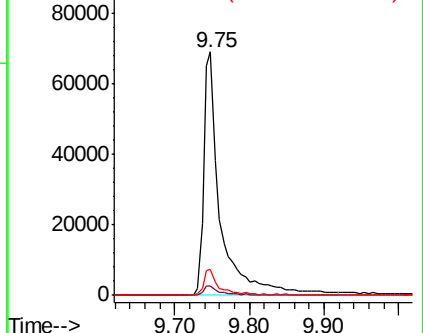
164 10.5 8.2 12.2



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# 1565

Delta R.T. -0.01 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

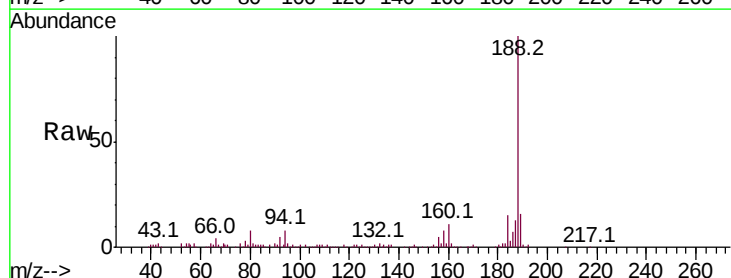
Tgt Ion:188 Resp: 244089

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

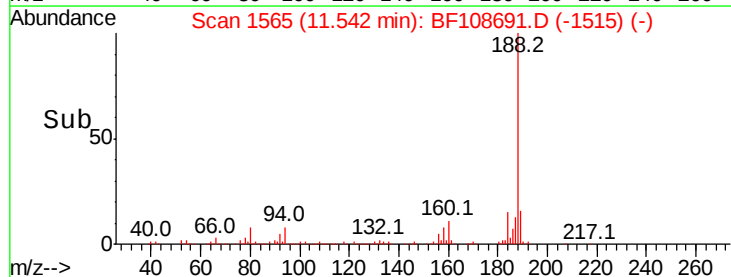
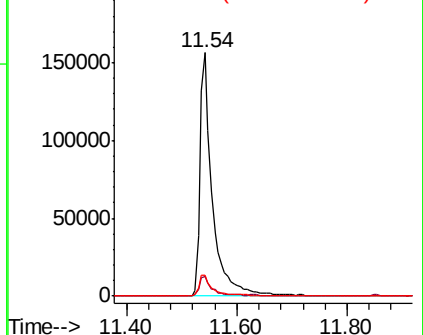
80 8.5 9.2 13.8#

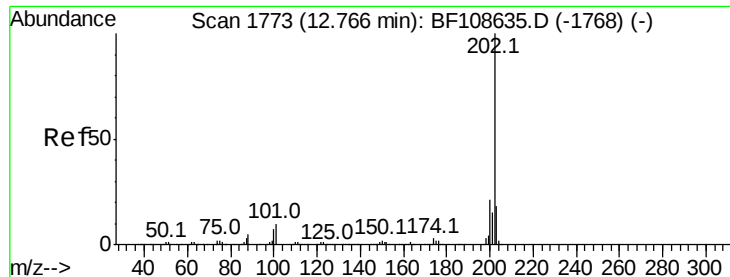


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.492 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

Instrument :

BNA_F

ClientSampled :

SB-06

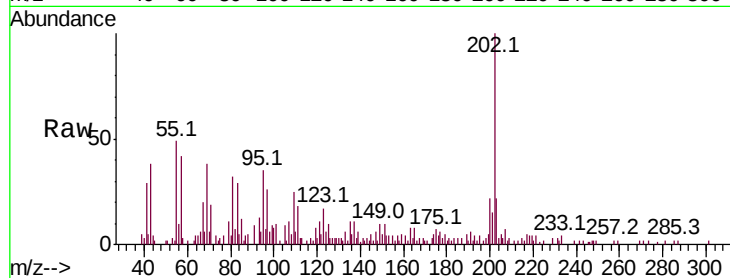
Tot Ion:202 Resp: 34558

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

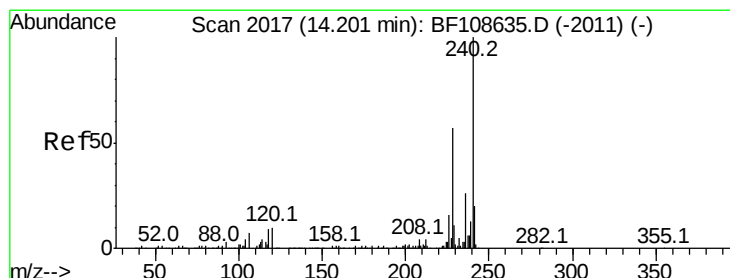
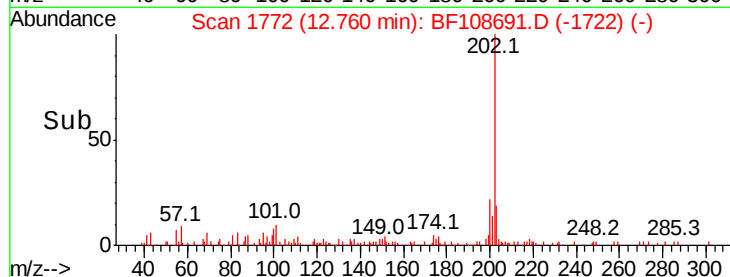
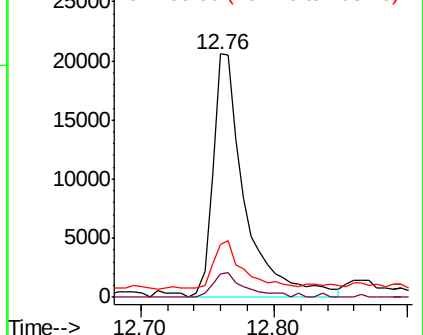
203 21.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

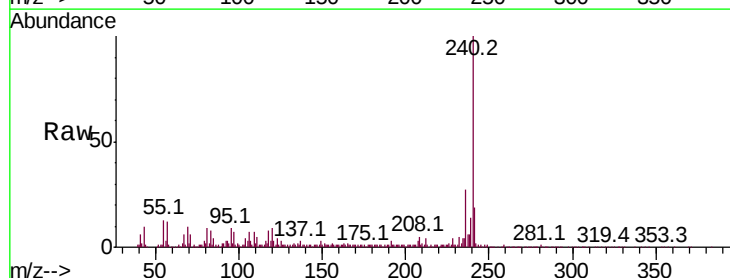
Tgt Ion:240 Resp: 245307

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

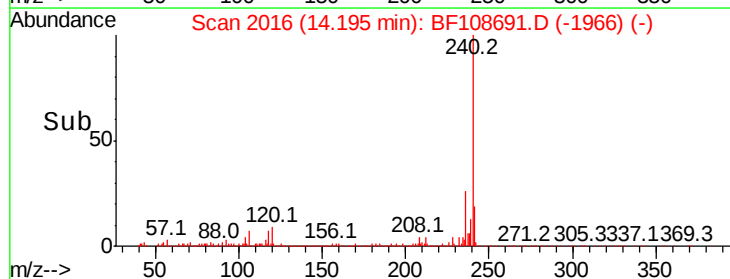
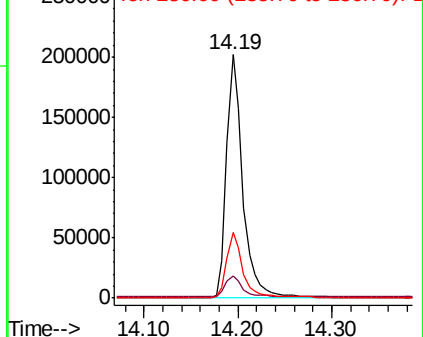
236 26.8 20.7 31.1

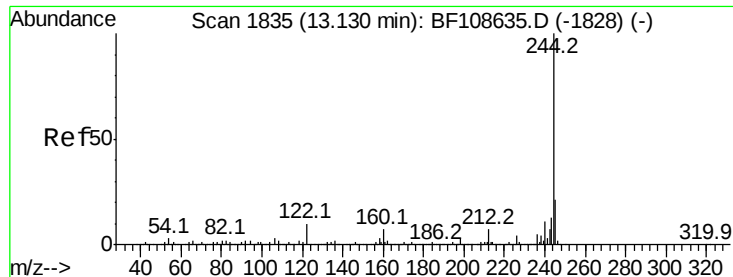


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

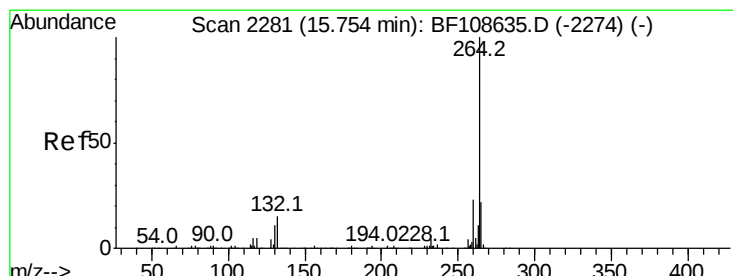
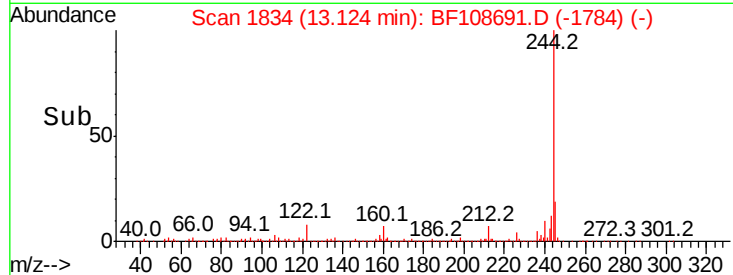
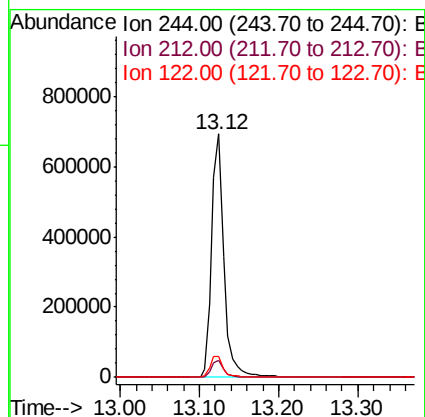
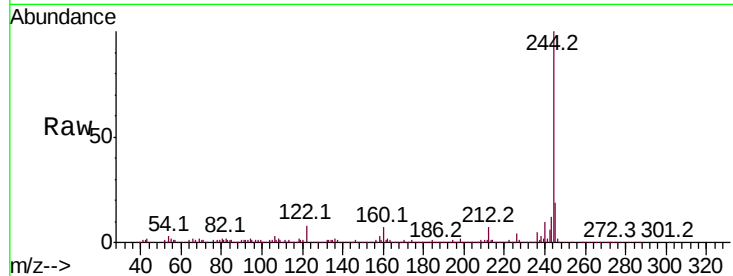




#78
 Terphenyl-d14
 Concen: 59.620 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108691.D
 Acq: 31 Aug 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-06

Tot Ion:244 Resp: 752728
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.4 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: BF108691.D
 Acq: 31 Aug 2018 16:13

Tgt Ion:264 Resp: 201230
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.9 17.5 26.3

