

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 :

Quant Time: Aug 31 18:02:15 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

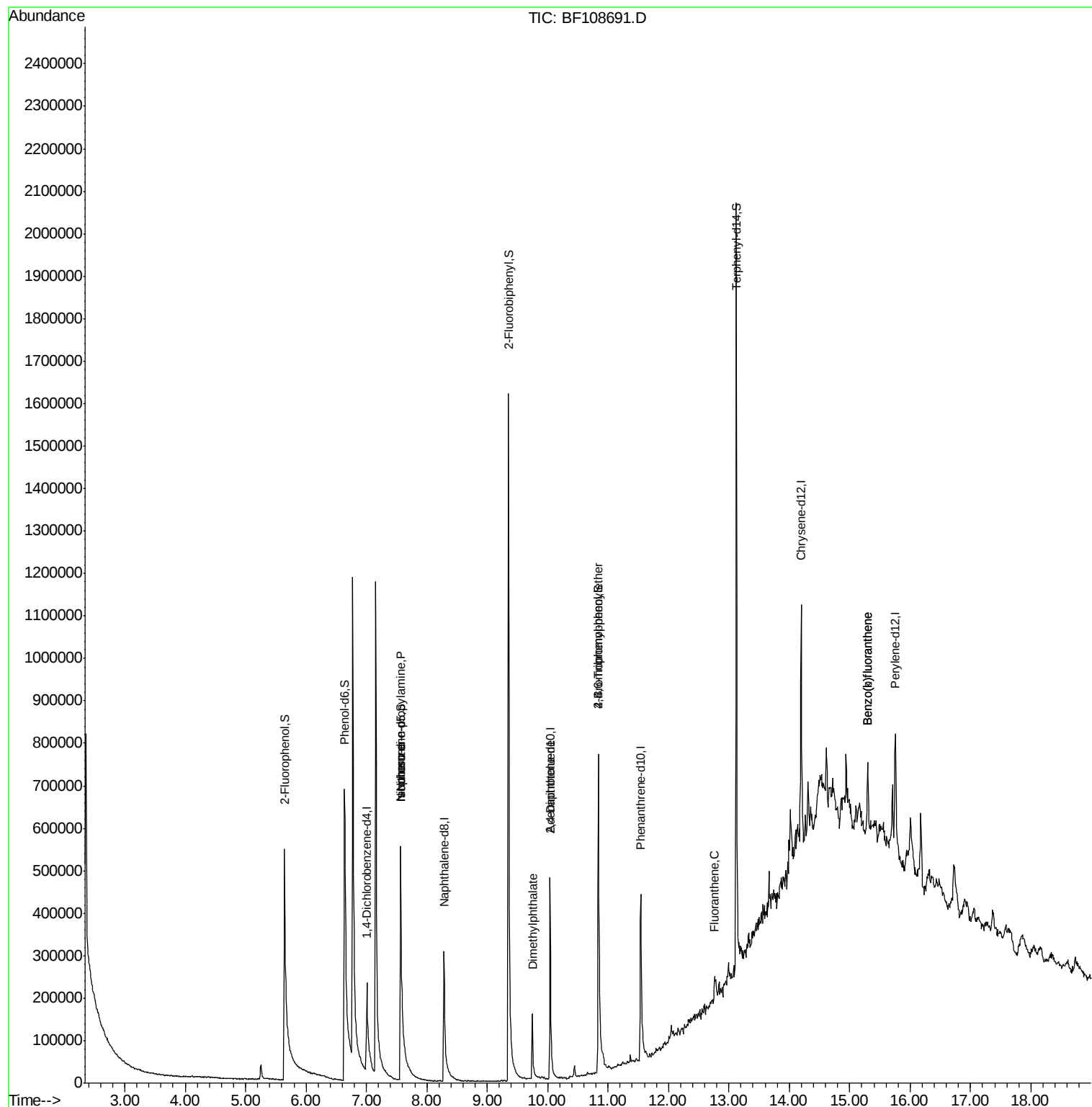
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	79267	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	308976	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	131534	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	244089	20.00	ng	0.00
75) Chrysene-d12	14.19	240	245307	20.00	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						
19) n-Nitroso-di-n-propylamine	7.57	70	55040	12.576	ng	# 80
25) Isophorone	7.57	82	465443	46.029	ng	# 64
49) Dimethylphthalate	9.75	163	109556	10.577	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	16107	5.328	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	9813	3.271	ng	# 1
74) Fluoranthene	12.76	202	34558	2.492	ng	91
87) Benzo(b)fluoranthene	15.29	252	44927	3.634	ng	# 69
88) Benzo(k)fluoranthene	15.29	252	44927	3.669	ng	# 72

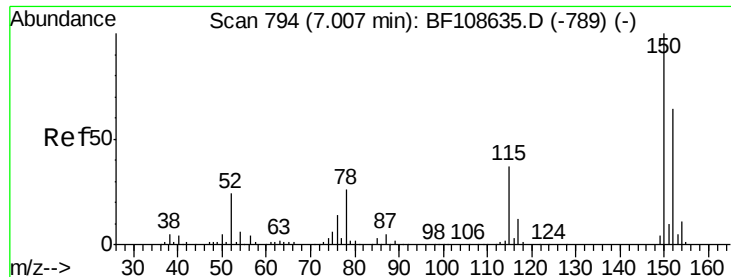
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Aug 31 18:02:15 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



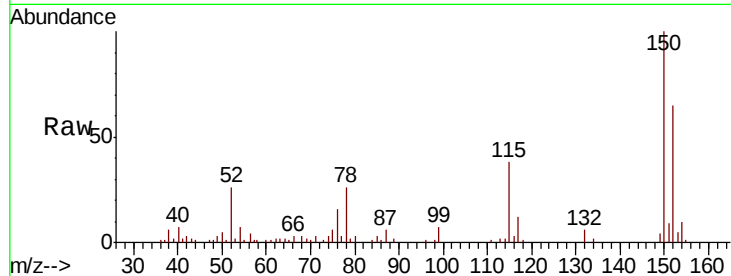


#1

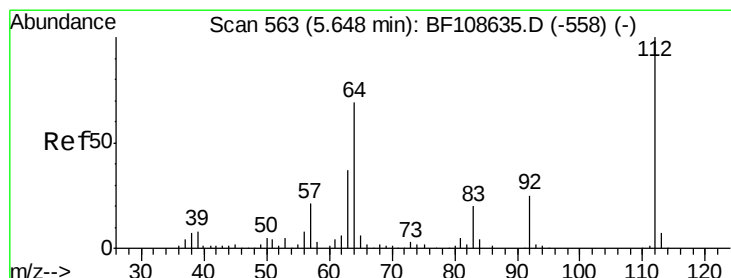
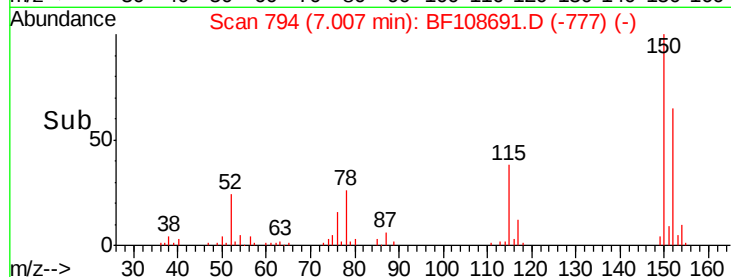
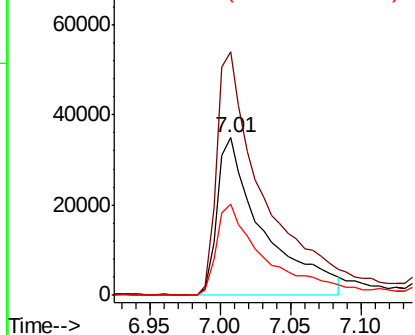
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79267
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.2 50.1 75.1



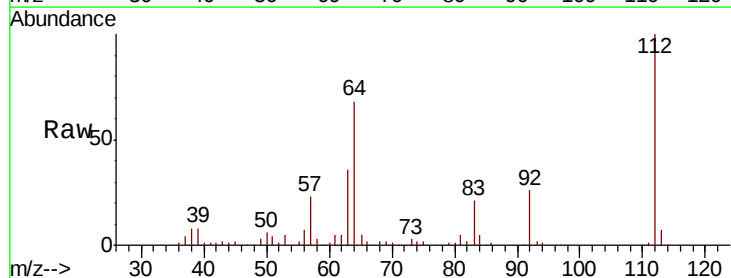
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



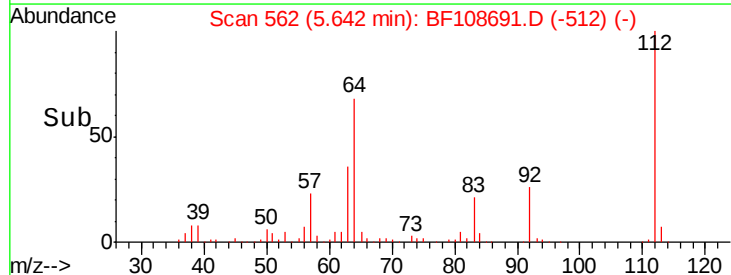
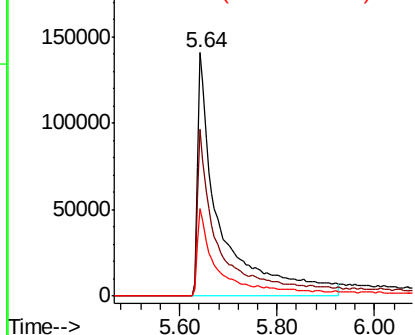
#5

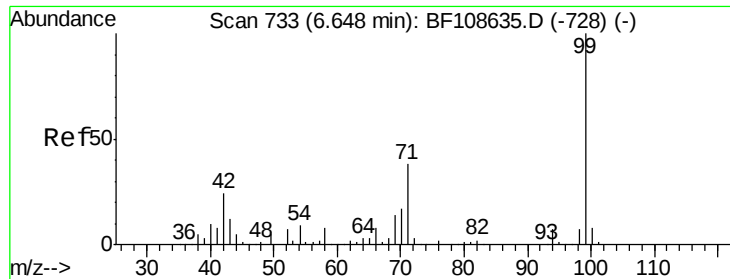
2-Fluorophenol
Concen: 98.272 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Tgt Ion:112 Resp: 448406
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 :

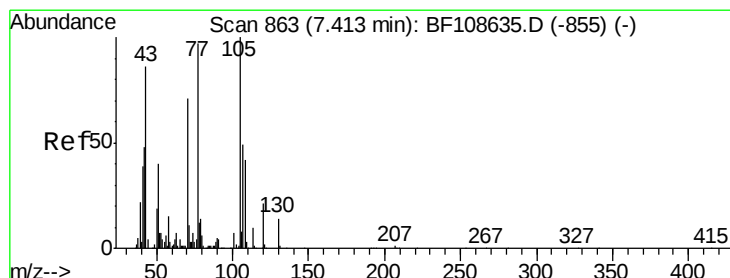
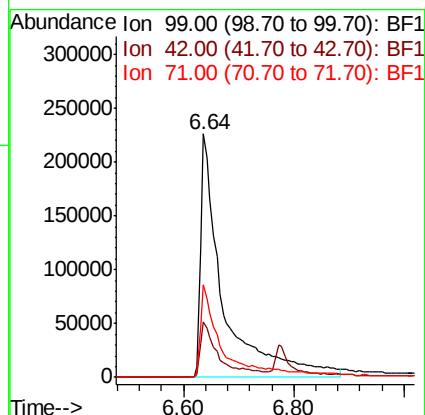
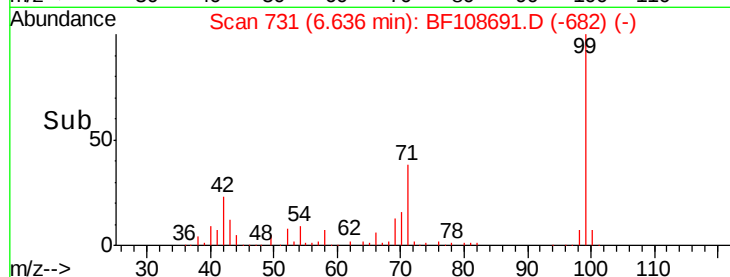
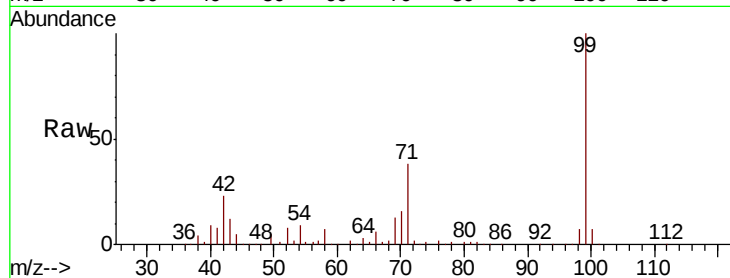
Tot Ion: 99 Resp: 646552

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

71 38.2 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.576 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

Tgt Ion: 70 Resp: 55040

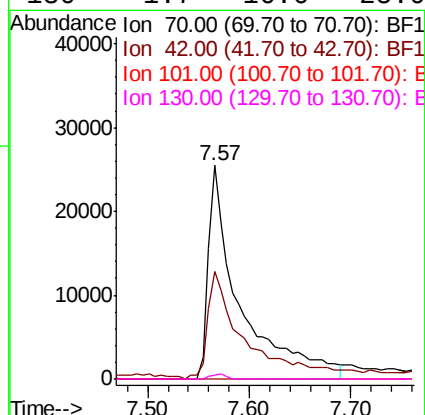
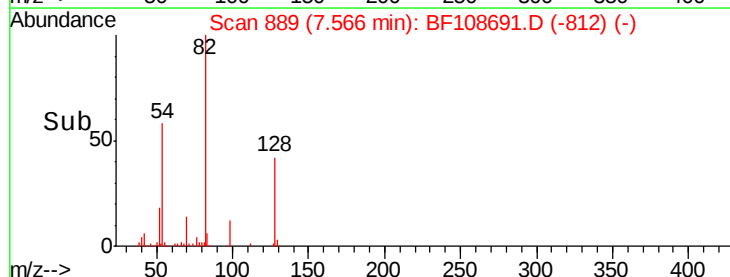
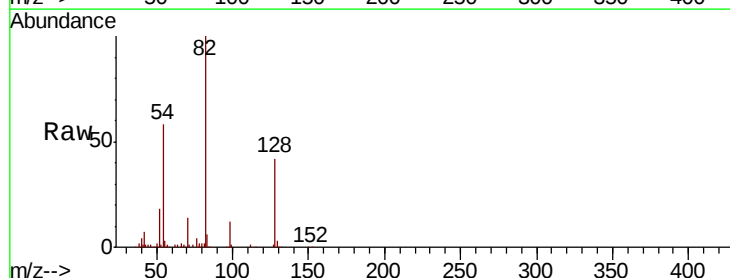
Ion Ratio Lower Upper

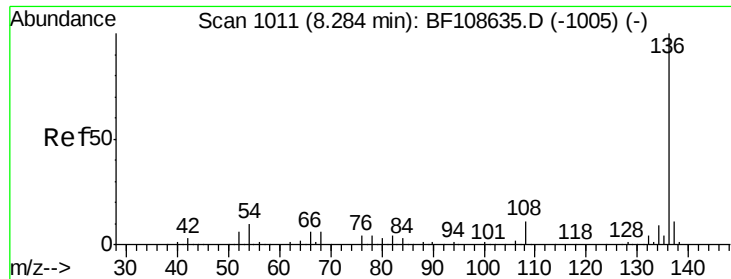
70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

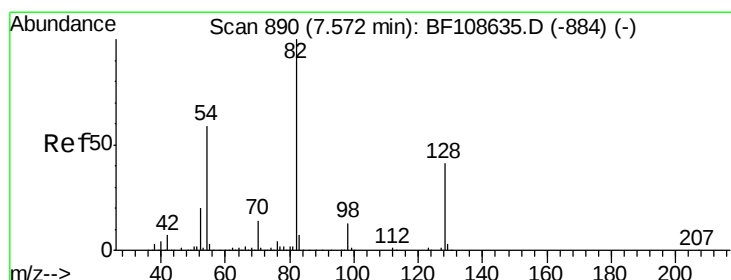
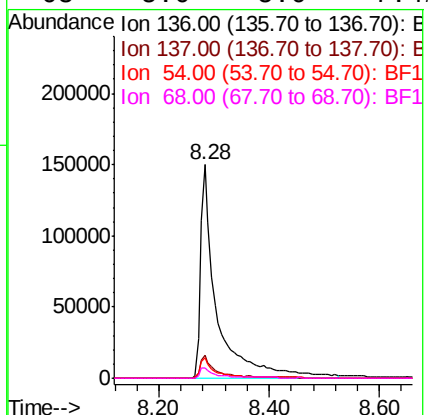
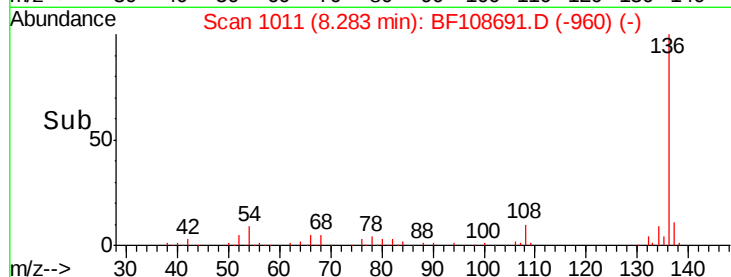
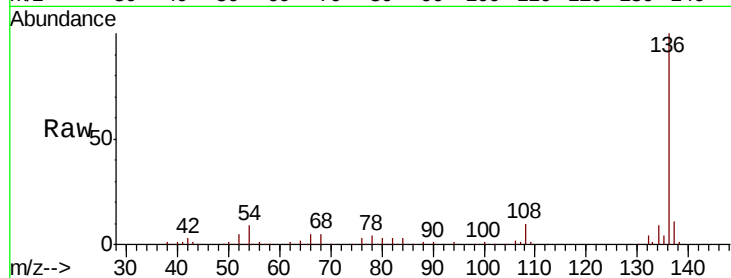




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

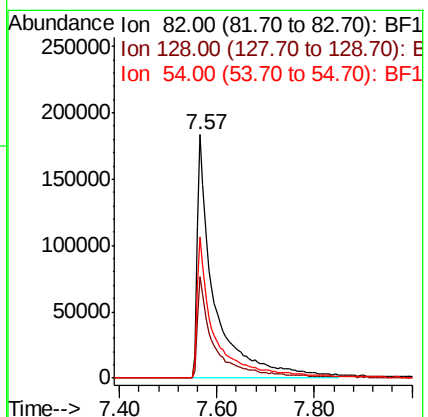
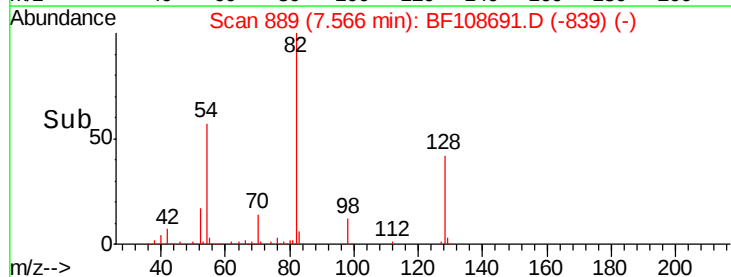
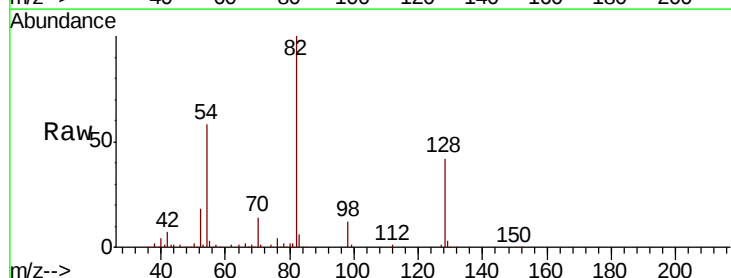
Instrument :
BNA_F
ClientSampleId :

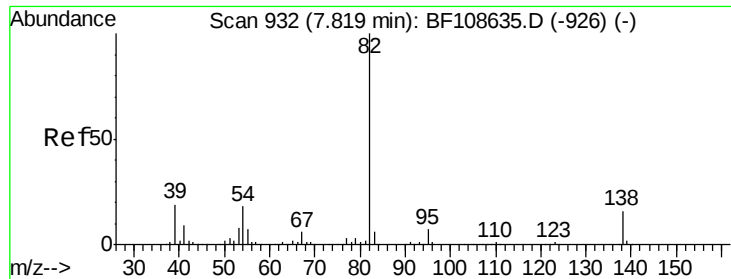
Tot Ion:136	Resp:	308976
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.4	6.6 9.8
68	5.0	5.0 7.4#



#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

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





#25

Isophorone

Concen: 46.029 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

Instrument :

BNA_F

ClientSampleId :

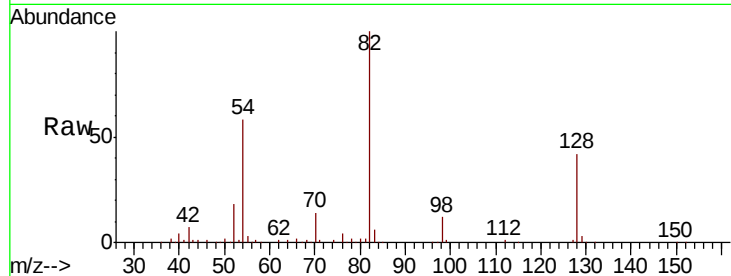
Tot Ion: 82 Resp: 465443

Ion Ratio Lower Upper

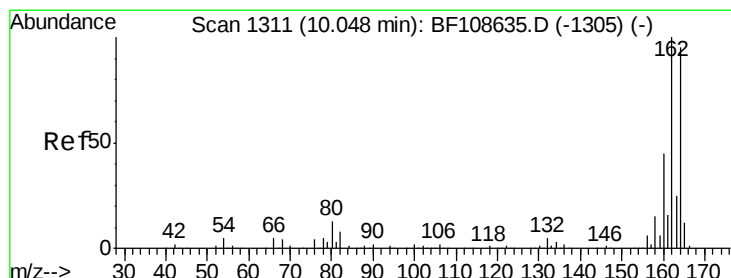
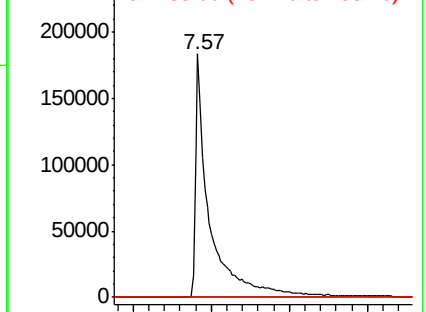
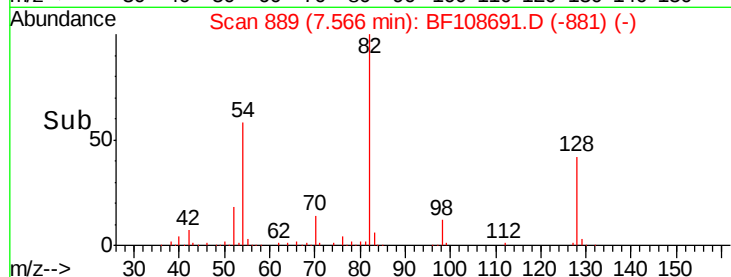
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): 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

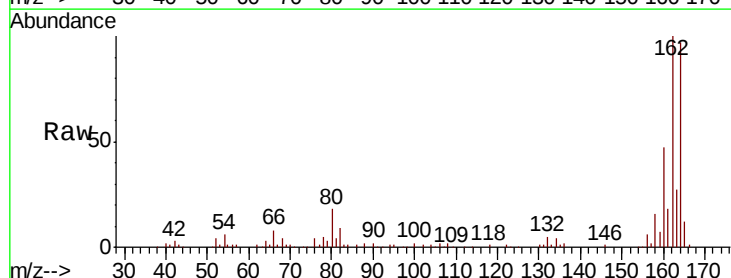
Tgt Ion:164 Resp: 131534

Ion Ratio Lower Upper

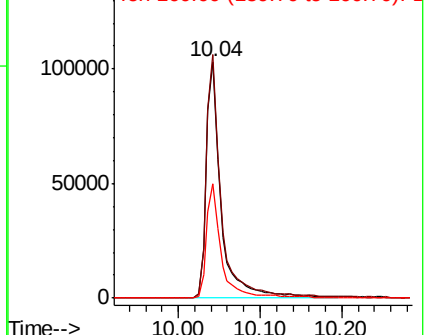
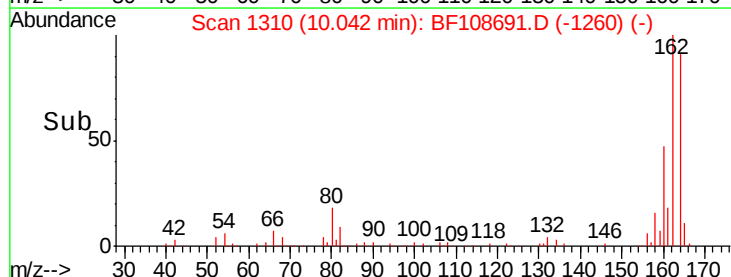
164 100

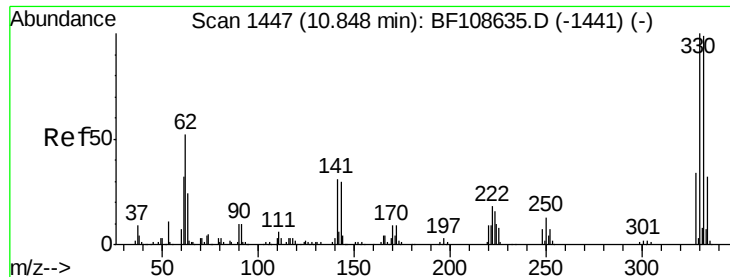
162 103.1 86.1 129.1

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

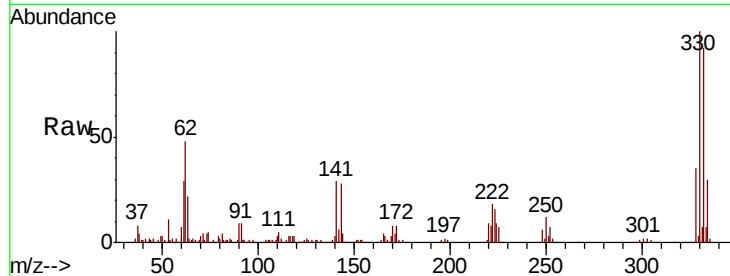




#41
 2,4,6-Tribromophenol
 Concen: 93.231 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108691.D
 Acq: 31 Aug 2018 16:13

Instrument :
 BNA_F
 ClientSampleId :

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

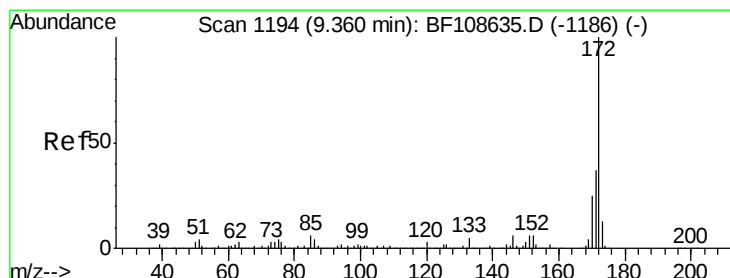
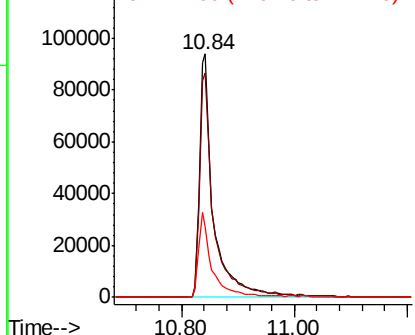
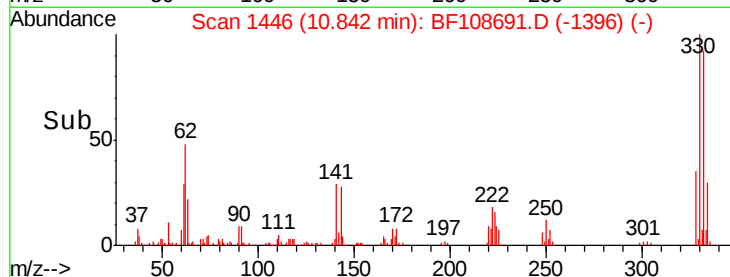


Abundance

Ion 329.80 (329.50 to 330.50): E

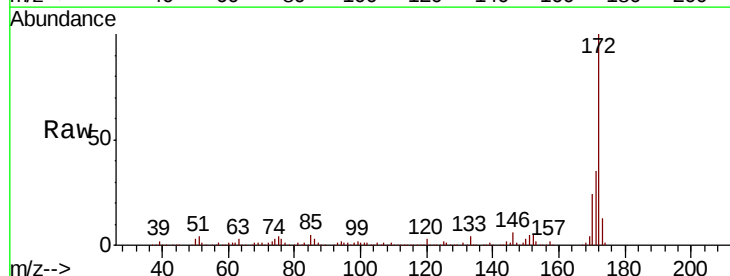
Ion 331.80 (331.50 to 332.50): E

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	171	170
Resp:	775112		
Ion Ratio	100	35.1	23.8
Lower		29.7	19.6
Upper		44.5	29.4

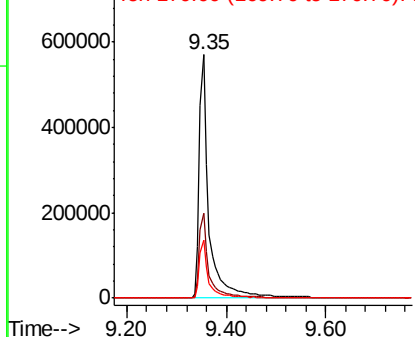
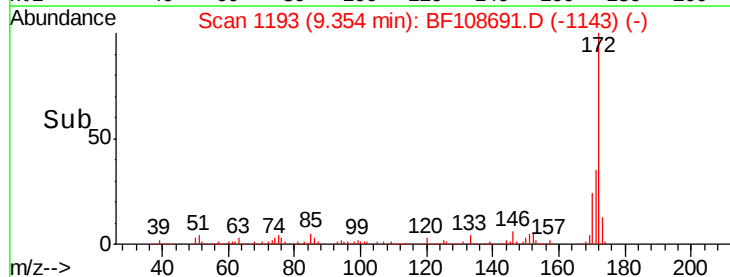


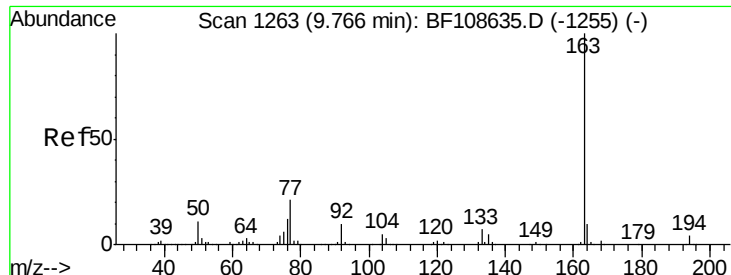
Abundance

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

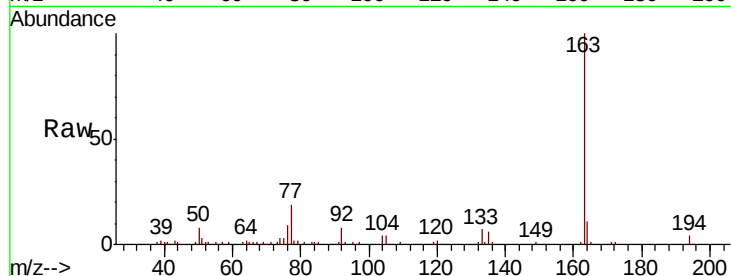




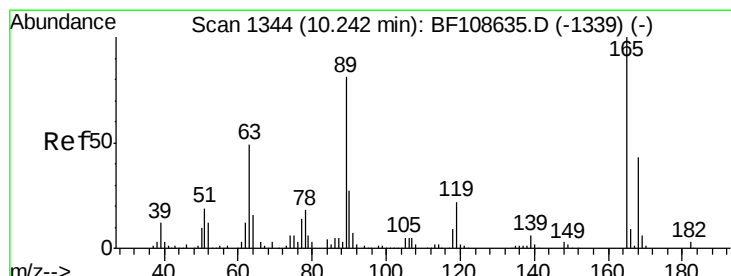
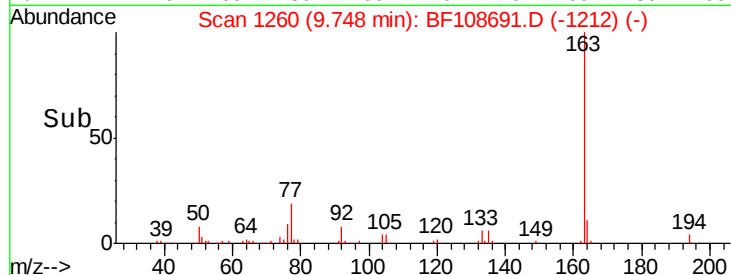
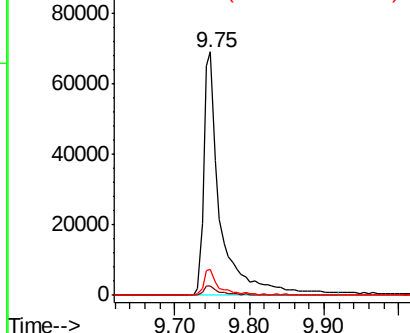
#49
Dimethylphthalate
Concen: 10.577 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Instrument :
BNA_F
ClientSampleId :

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

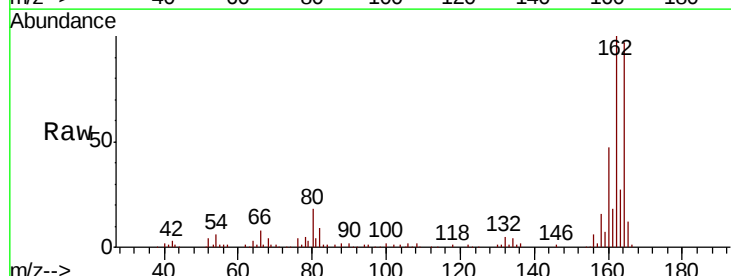


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

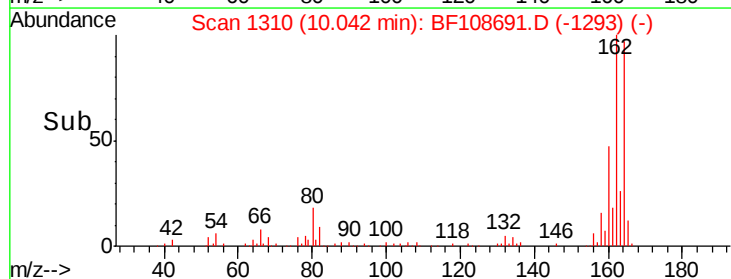
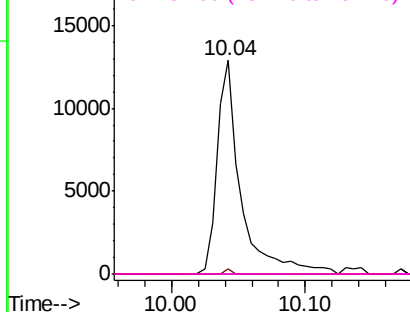


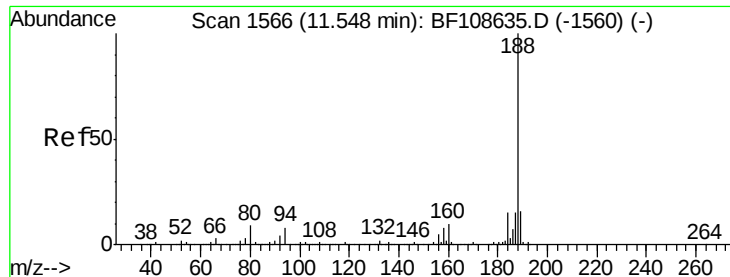
#56
2,4-Dinitrotoluene
Concen: 5.328 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Tgt Ion:165 Resp: 16107
Ion Ratio Lower Upper
165 100
63 2.4 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

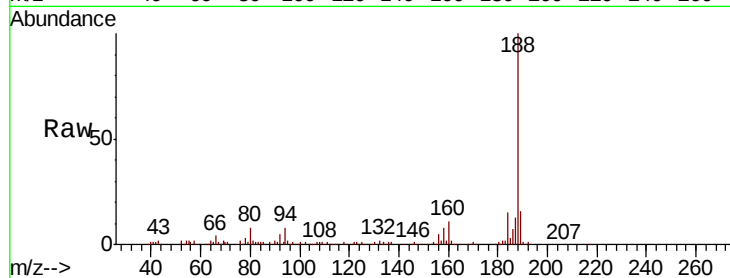




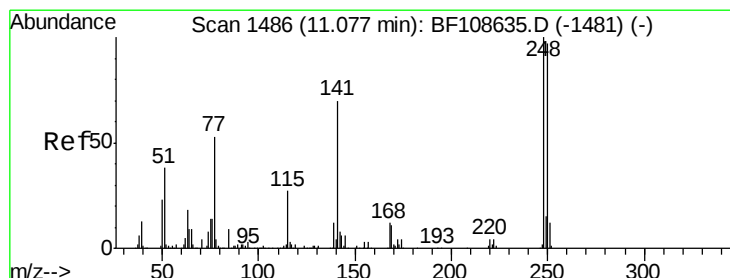
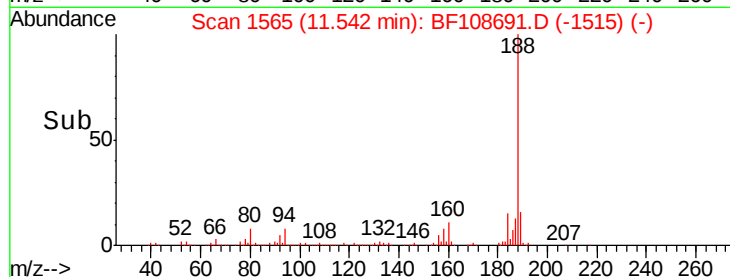
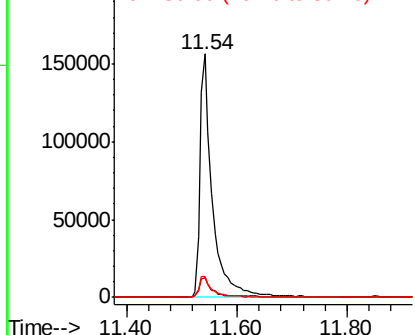
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 244089
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.5 9.2 13.8#

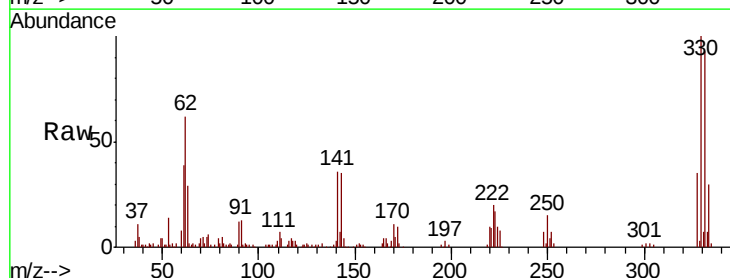


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

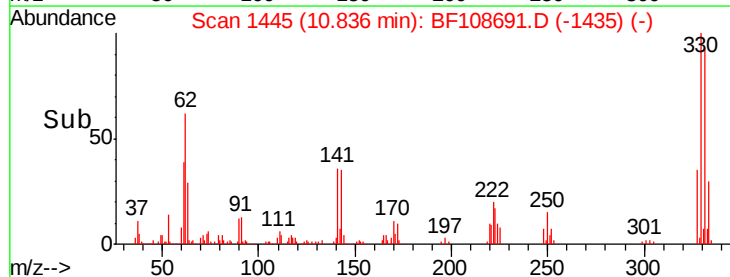
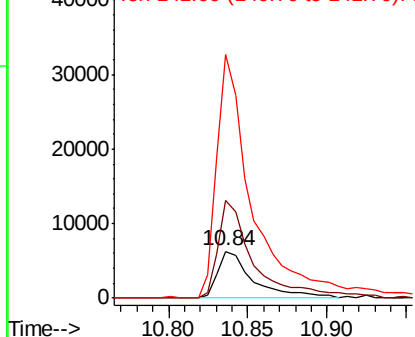


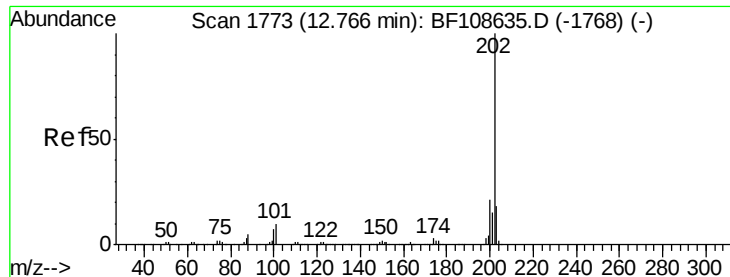
#66
4-Bromophenyl-phenylether
Concen: 3.271 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108691.D
Acq: 31 Aug 2018 16:13

Tgt Ion:248 Resp: 9813
Ion Ratio Lower Upper
248 100
250 209.5 76.9 115.3#
141 520.5 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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 :

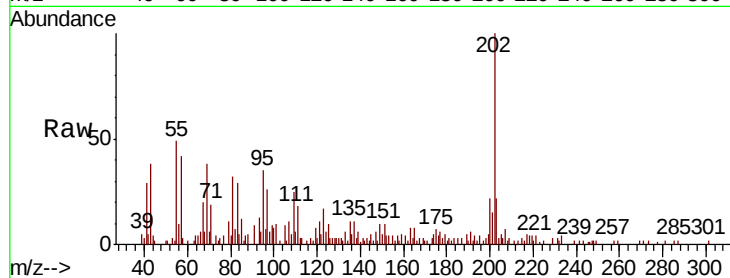
Tot Ion:202 Resp: 34558

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

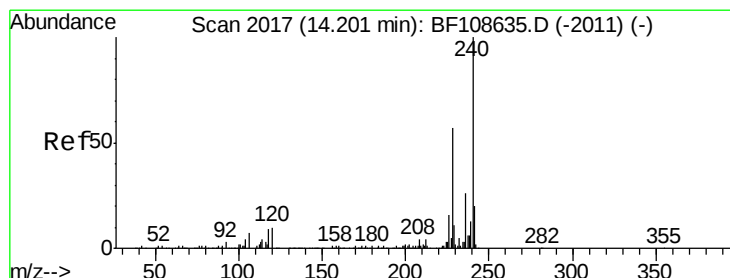
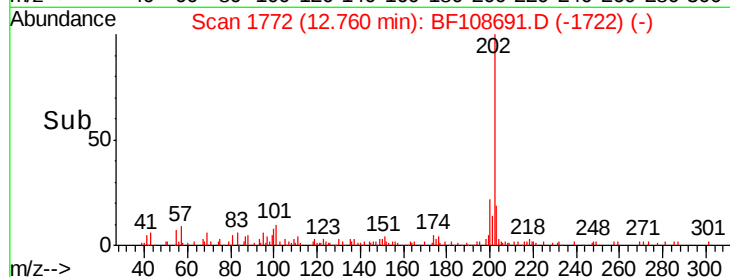
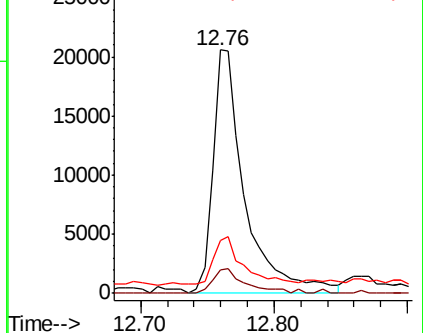
203 21.8 0.0 38.1



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

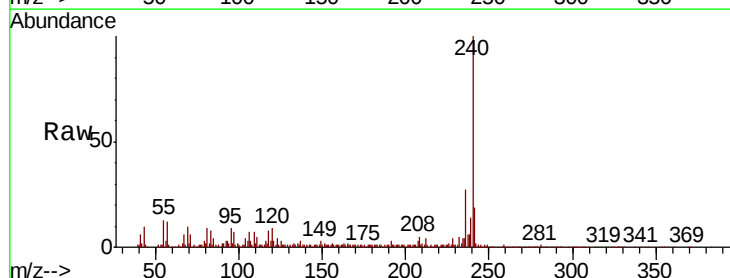
Tgt Ion:240 Resp: 245307

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

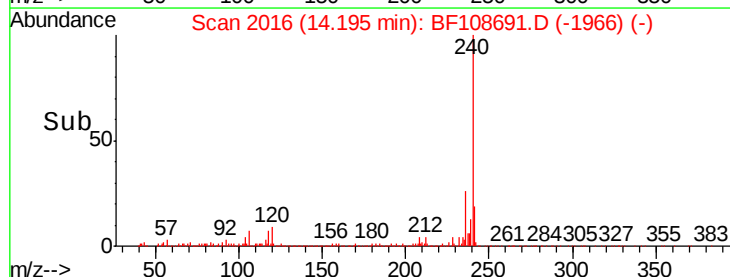
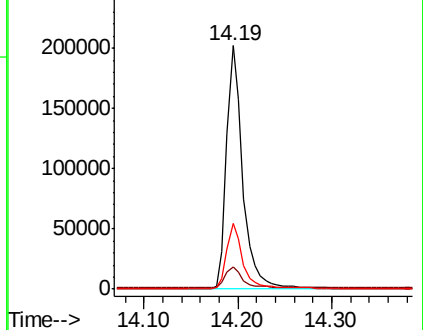
236 26.8 20.7 31.1

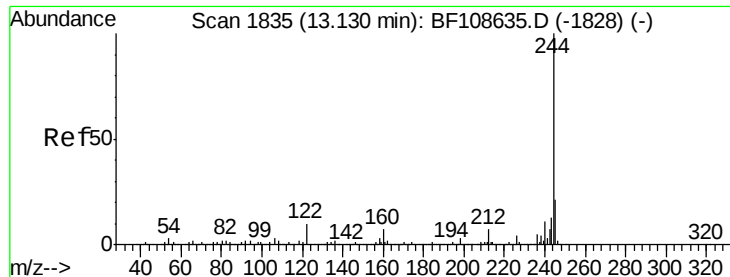


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

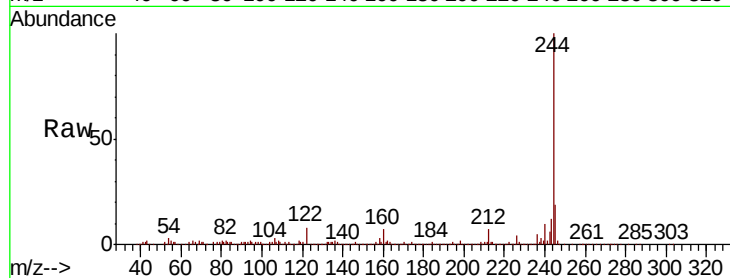
Tot Ion:244 Resp: 752728

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

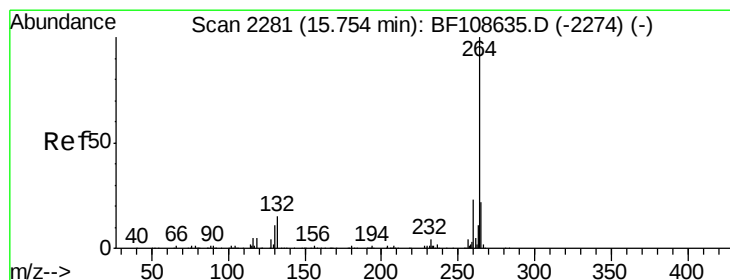
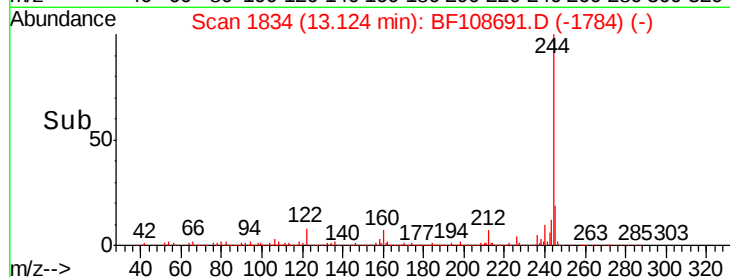
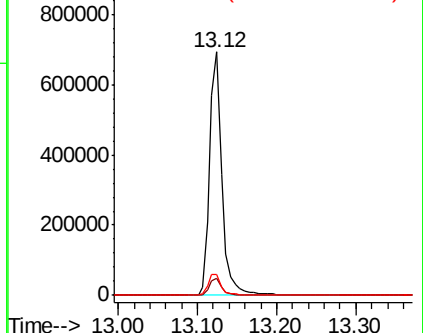
122 8.4 11.0 16.4#



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: 15.75 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

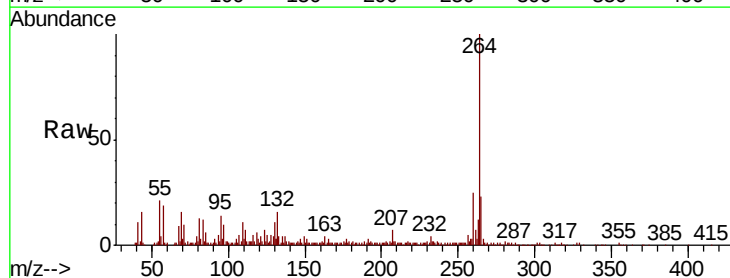
Tgt Ion:264 Resp: 201230

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

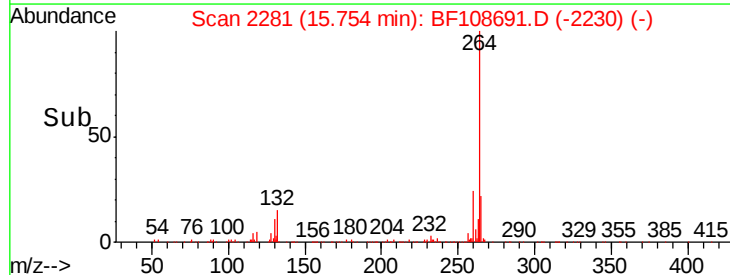
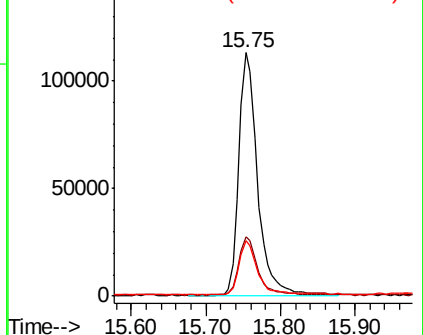
265 22.9 17.5 26.3

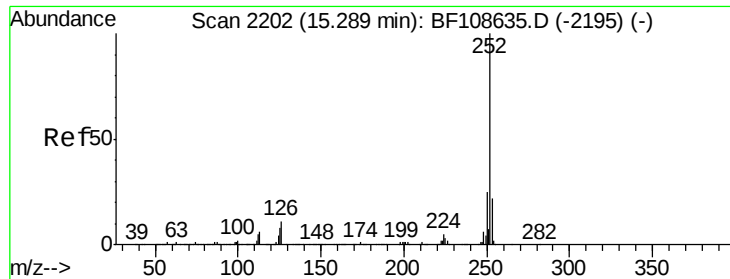


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.634 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108691.D

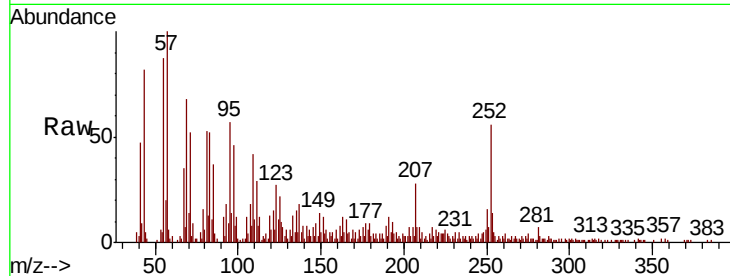
Acq: 31 Aug 2018 16:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:	252	Resp:	44927
Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	38.7	9.0	13.6#

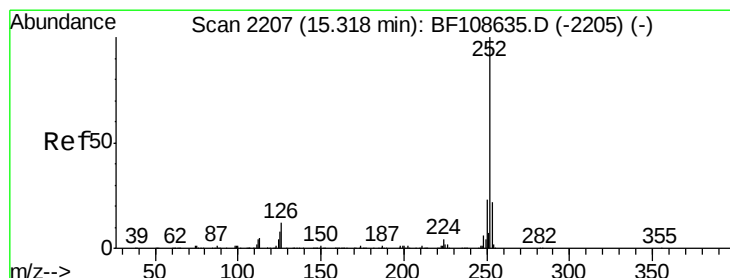
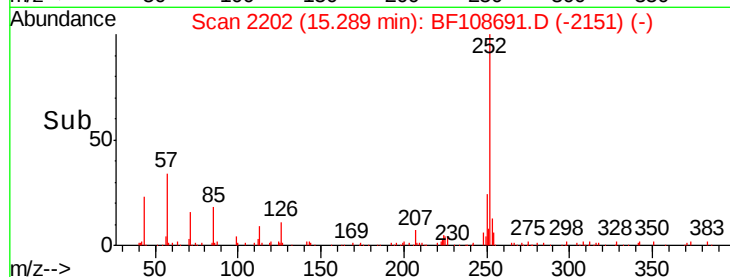
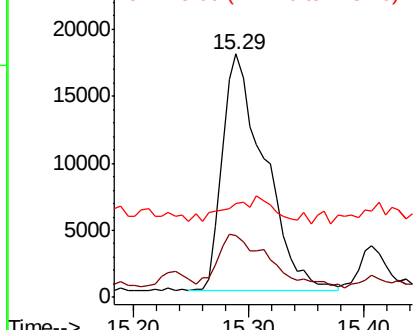


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.669 ng

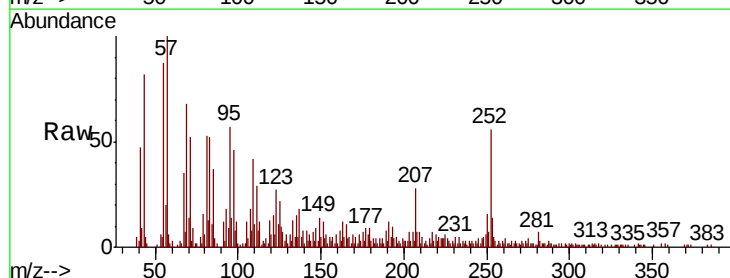
RT: 15.29 min Scan# 2202

Delta R.T. -0.03 min

Lab File: BF108691.D

Acq: 31 Aug 2018 16:13

Tgt Ion:	252	Resp:	44927
Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	38.7	10.2	15.2#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

