

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 :

Quant Time: Aug 30 17:18:07 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

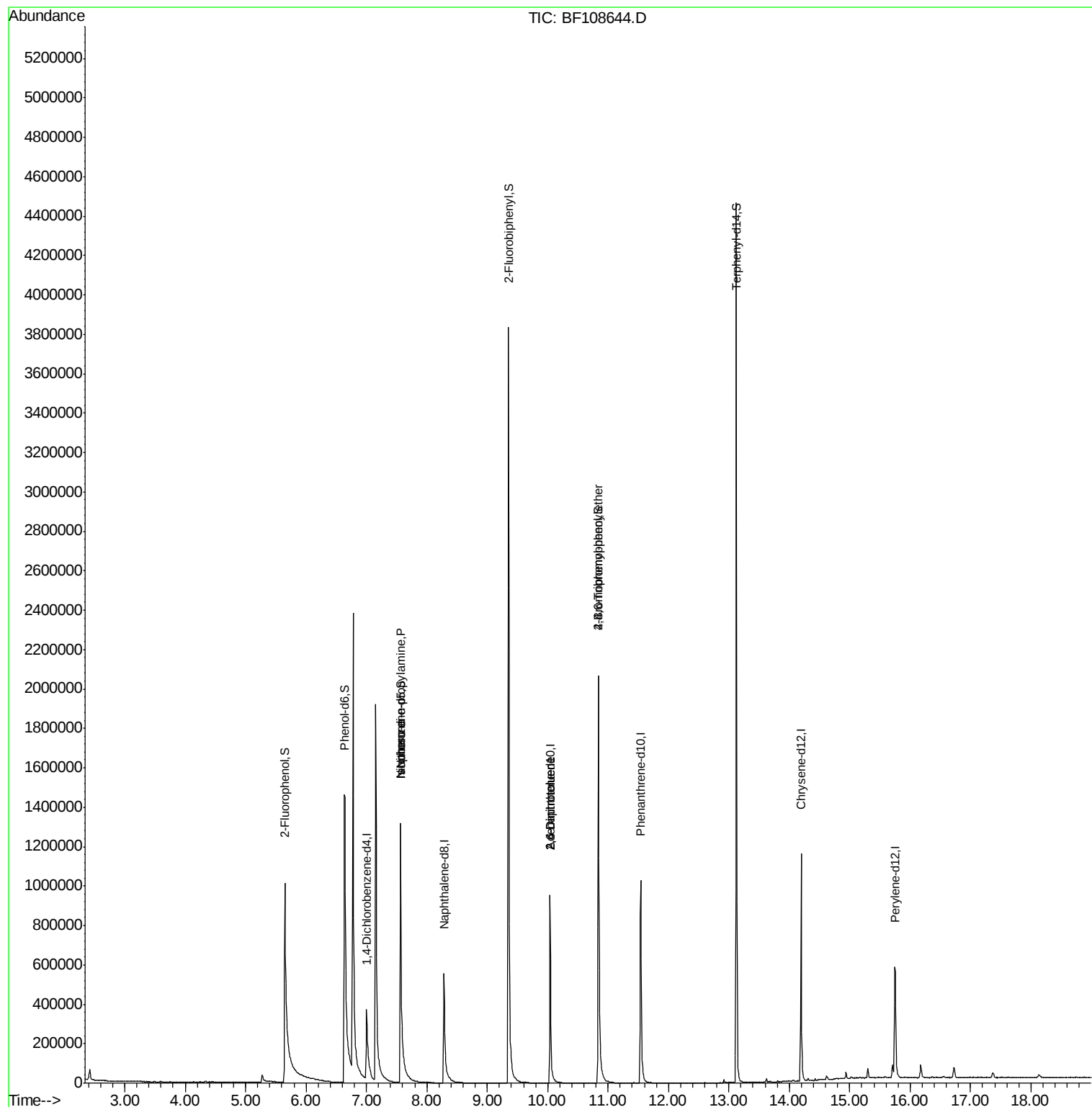
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	120009	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	489301	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	259623	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	554651	20.00	ng	0.00
75) Chrysene-d12	14.19	240	472310	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						
19) n-Nitroso-di-n-propylamine	7.57	70	97884	14.773	ng	# 84
25) Isophorone	7.57	82	777625	48.561	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	32056	7.113	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	32864	5.508	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	23999	3.521	ng	# 1

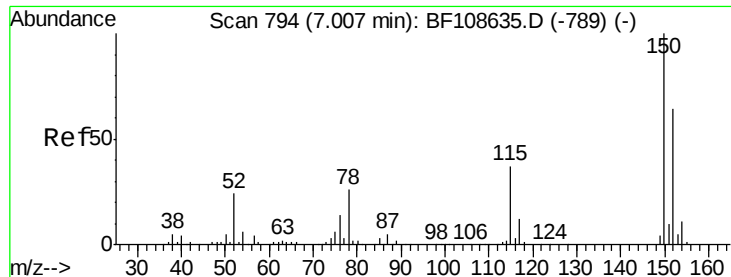
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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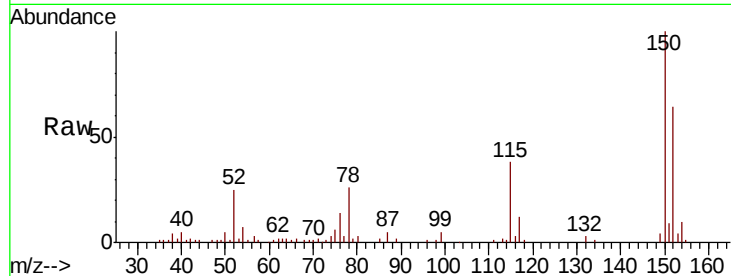


#1

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
ClientSampled :

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

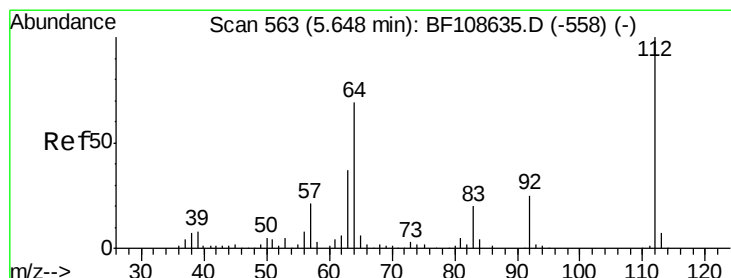
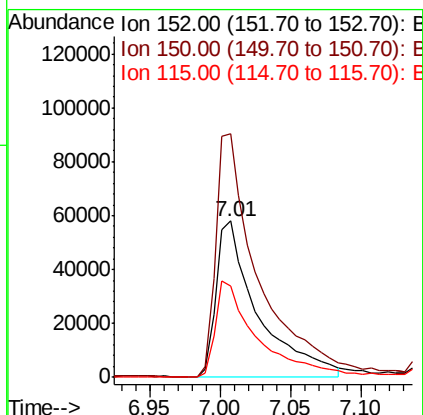
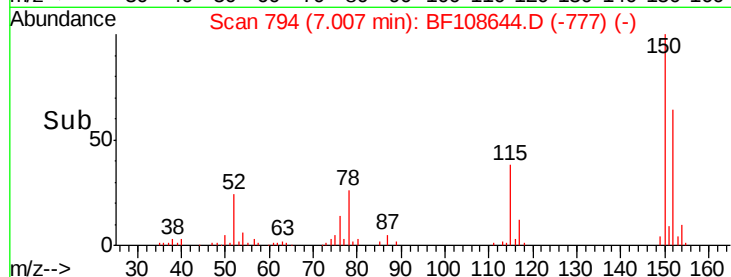


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

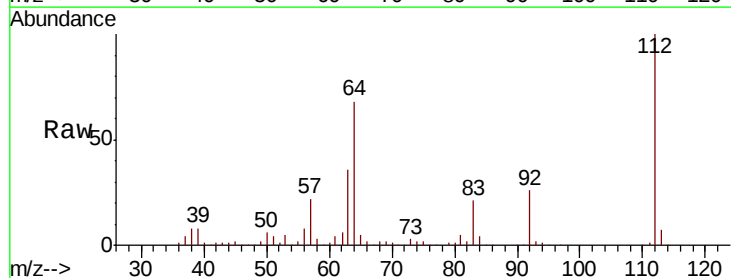
Ion 115.00 (114.70 to 115.70): E



#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

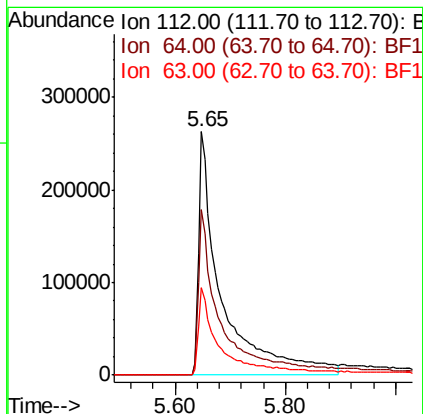
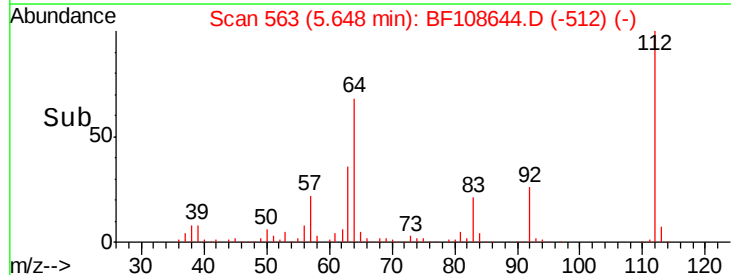


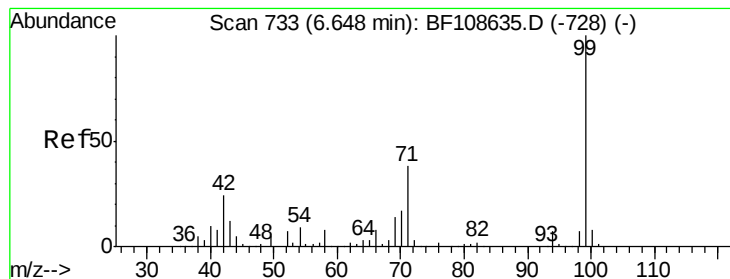
Abundance

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

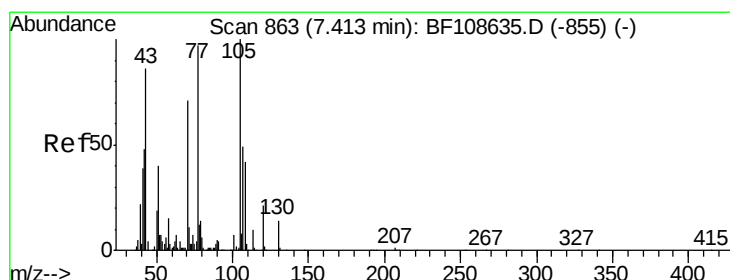
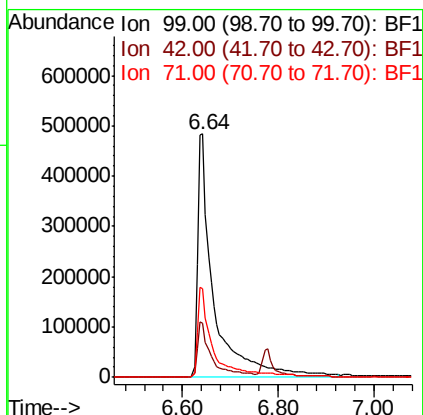
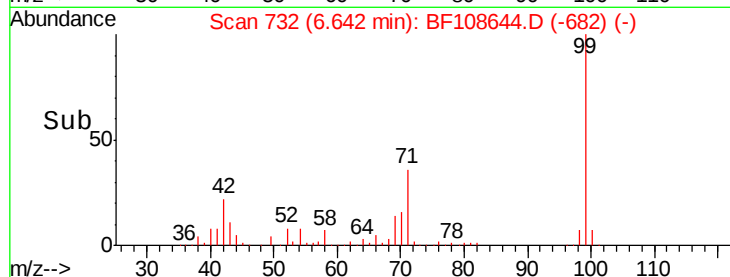
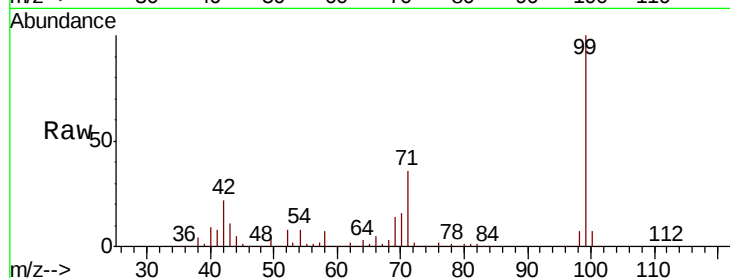
Instrument :

BNA_F

ClientSampleId :

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



#19

n-Nitroso-di-n-propylamine

Concen: 14.773 ng

RT: 7.57 min Scan# 889

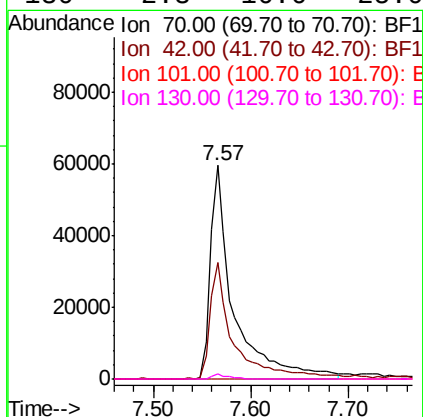
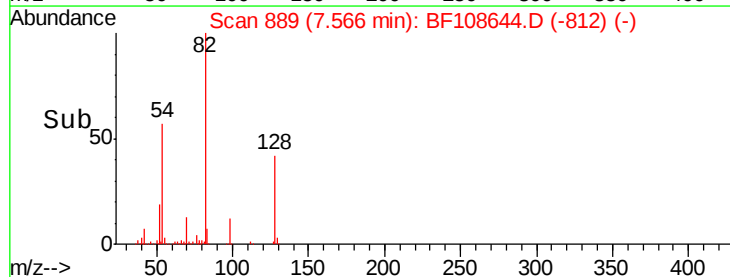
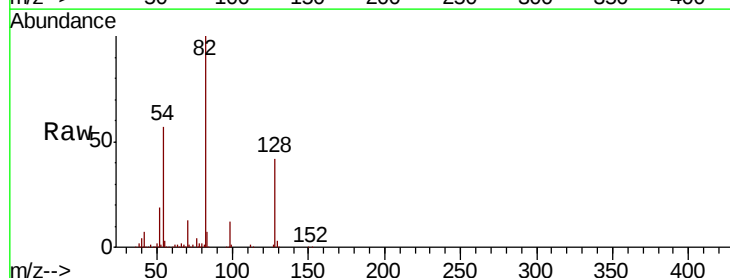
Delta R.T. 0.15 min

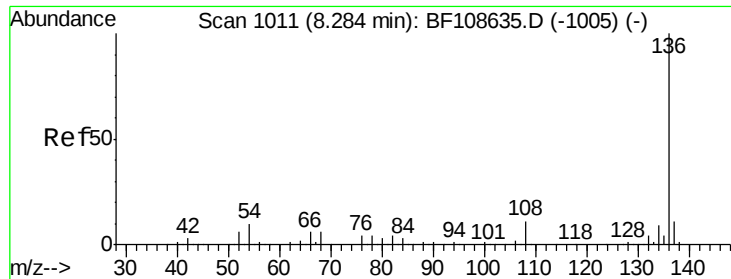
Lab File: BF108644.D

Acq: 30 Aug 2018 16:56

Tgt Ion: 70 Resp: 97884

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

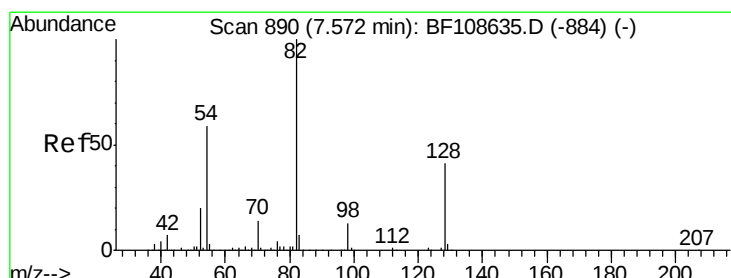
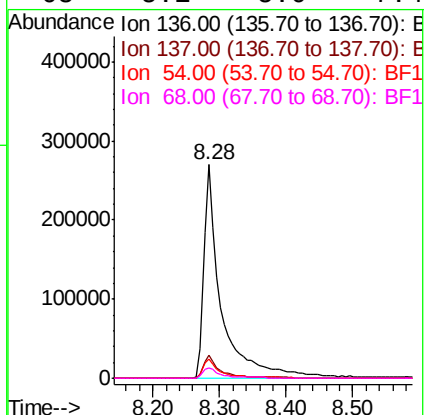
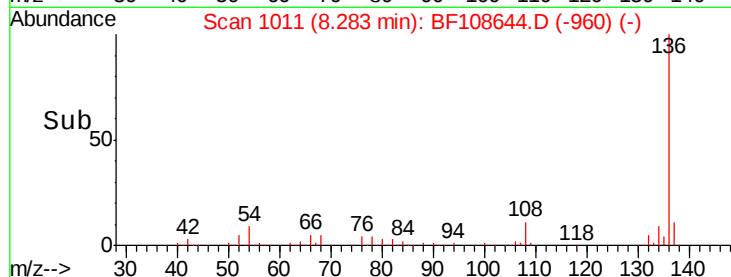
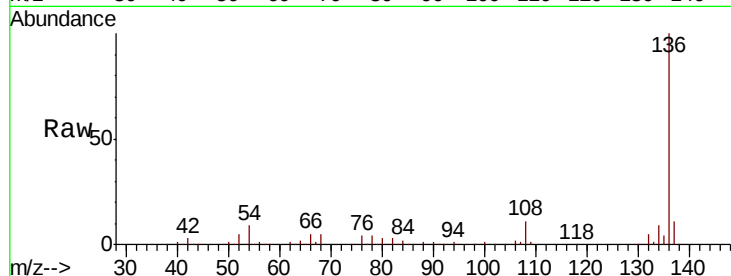




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108644.D
Acq: 30 Aug 2018 16:56

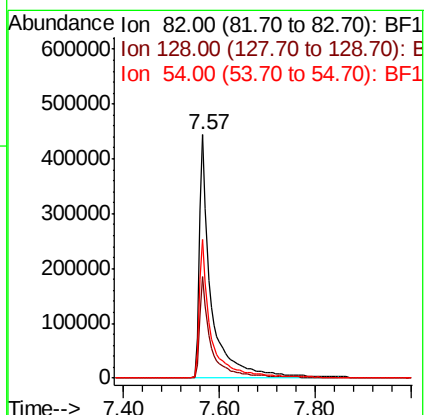
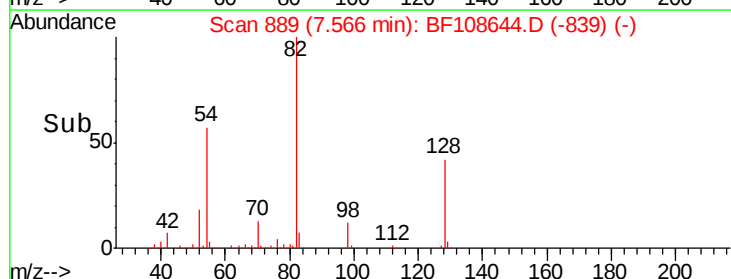
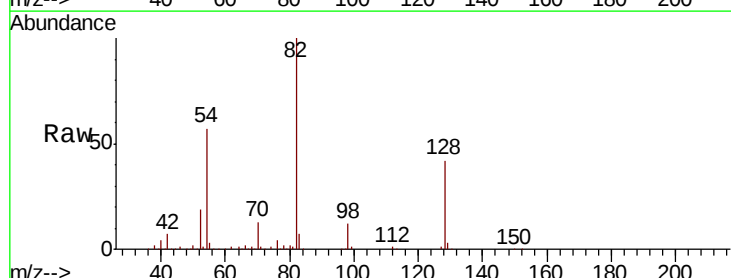
Instrument :
BNA_F
ClientSampleId :

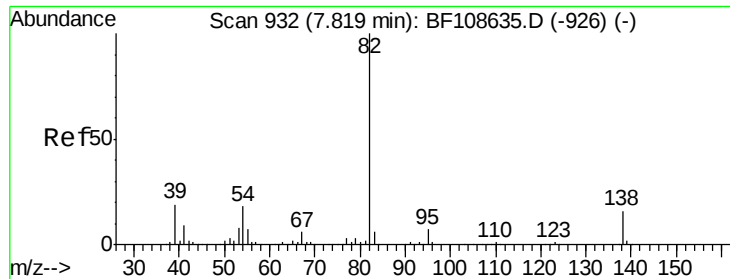
Tot Ion:136	Resp:	489301
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.3	6.6 9.8
68	5.1	5.0 7.4



#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

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





#25

Isophorone

Concen: 48.561 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108644.D

Acq: 30 Aug 2018 16:56

Instrument :

BNA_F

ClientSampled :

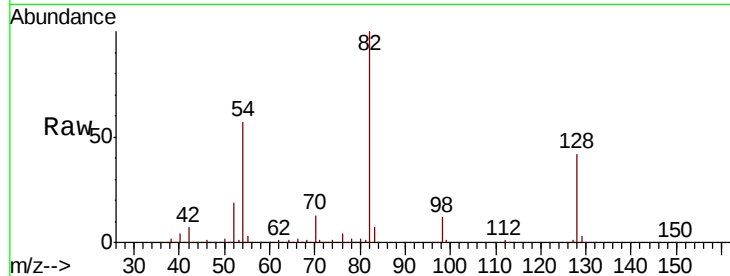
Tot Ion: 82 Resp: 777625

Ion Ratio Lower Upper

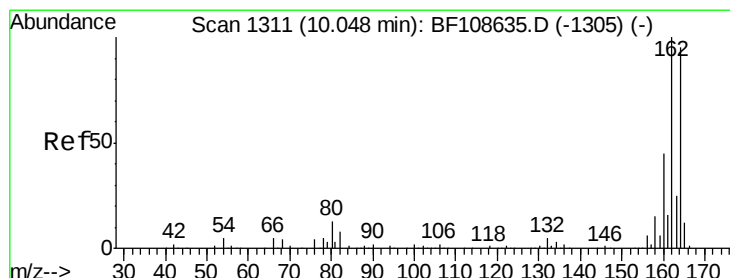
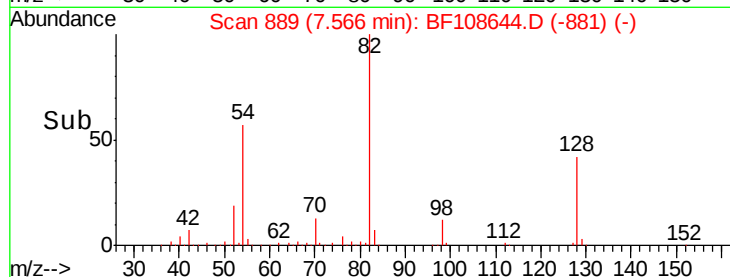
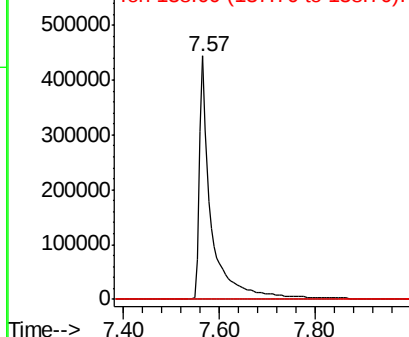
82 100

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): E



#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

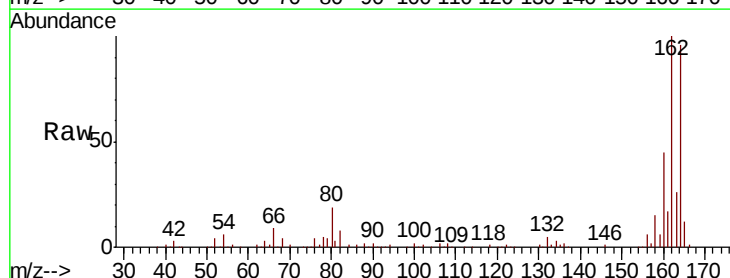
Tgt Ion:164 Resp: 259623

Ion Ratio Lower Upper

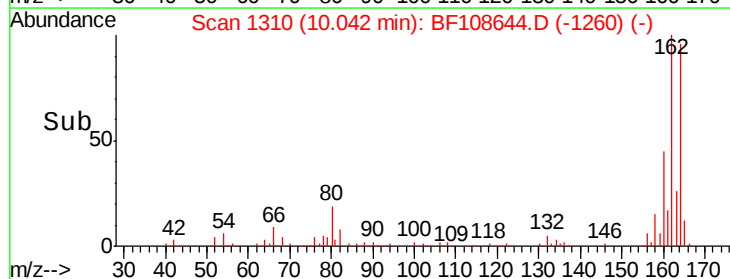
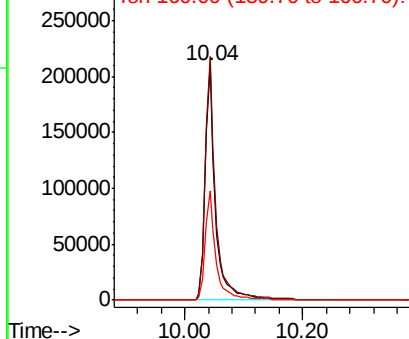
164 100

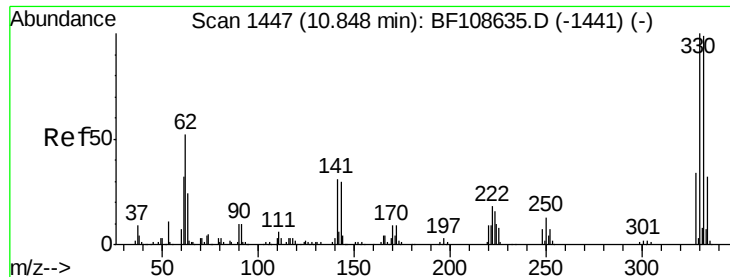
162 104.0 86.1 129.1

160 46.9 38.3 57.5



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

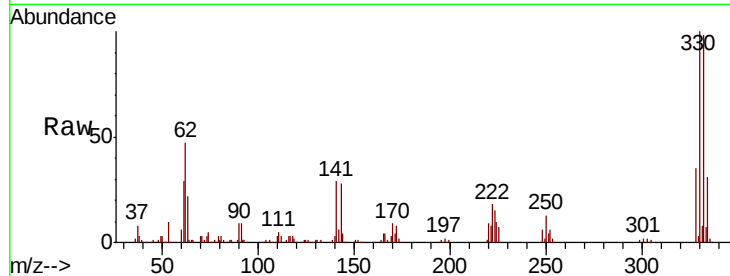




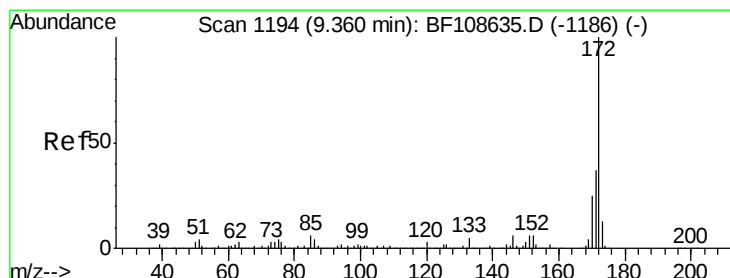
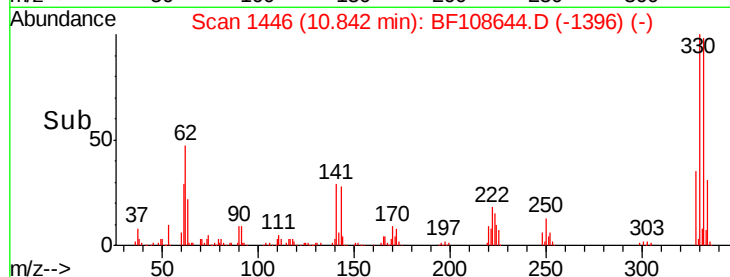
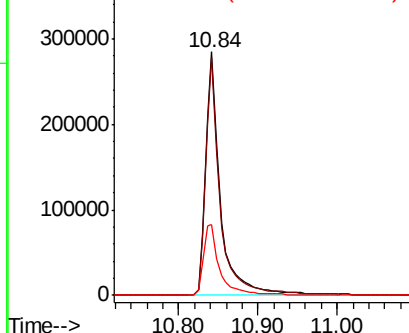
#41
 2,4,6-Tribromophenol
 Concen: 109.425 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :

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

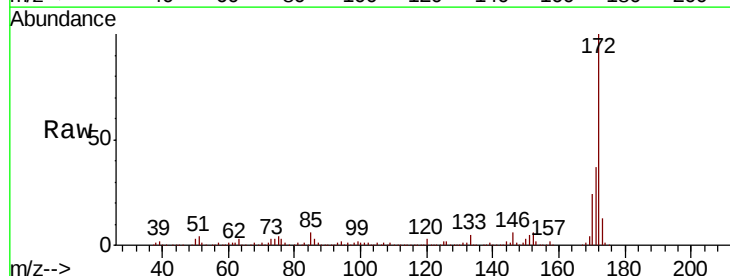


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

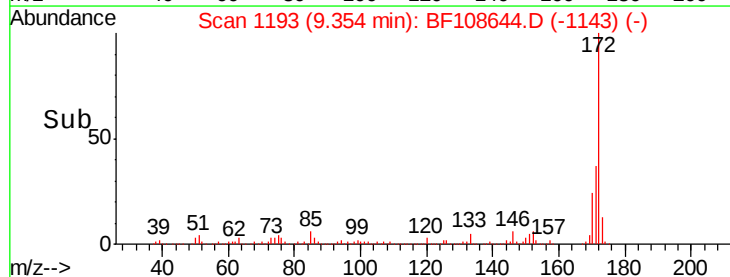
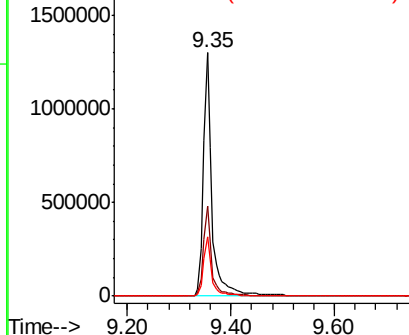


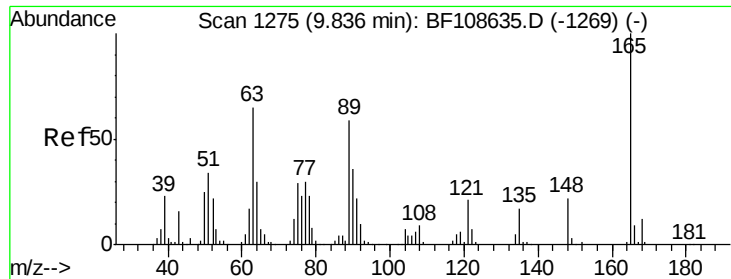
#44
 2-Fluorobiphenyl
 Concen: 78.599 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108644.D
 Acq: 30 Aug 2018 16:56

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

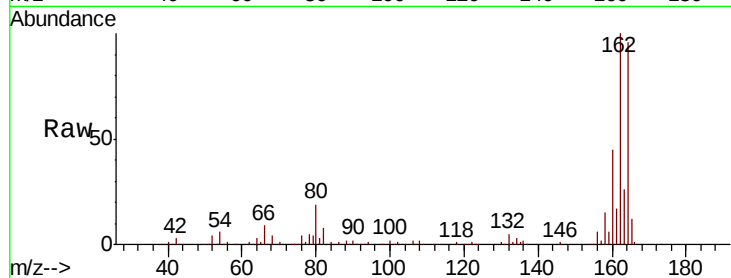




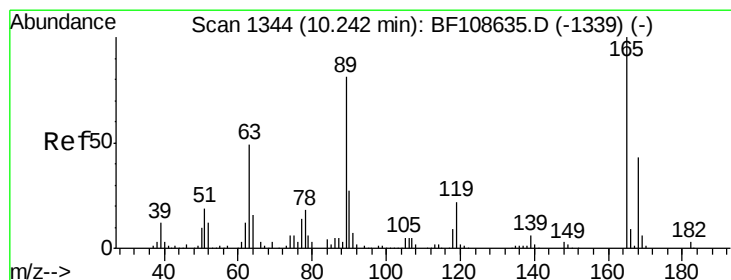
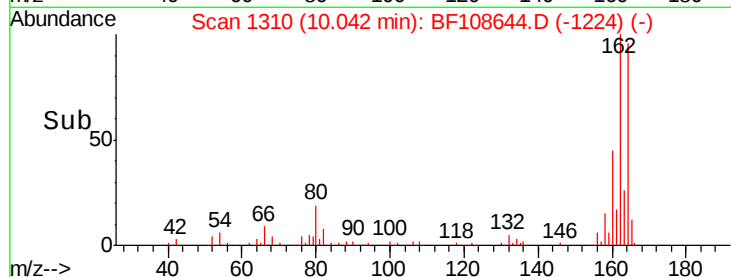
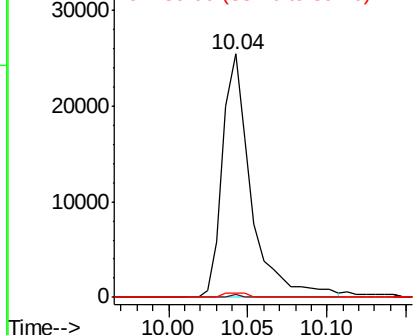
#50
2,6-Dinitrotoluene
Concen: 7.113 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108644.D
Acq: 30 Aug 2018 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

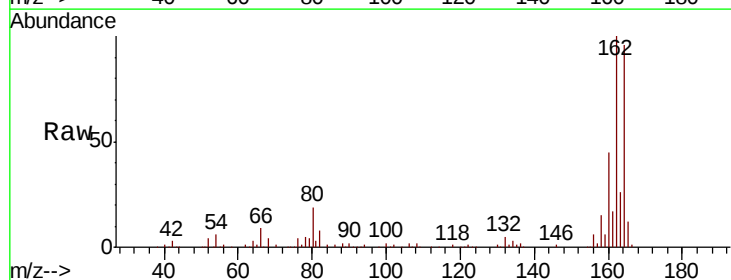


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

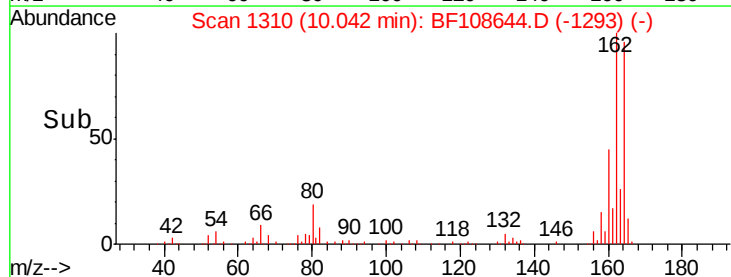
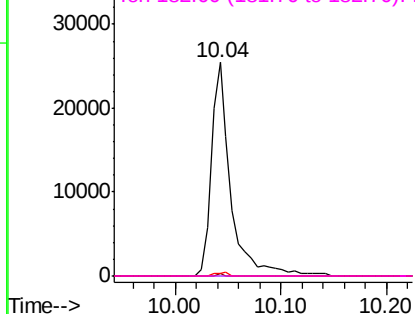


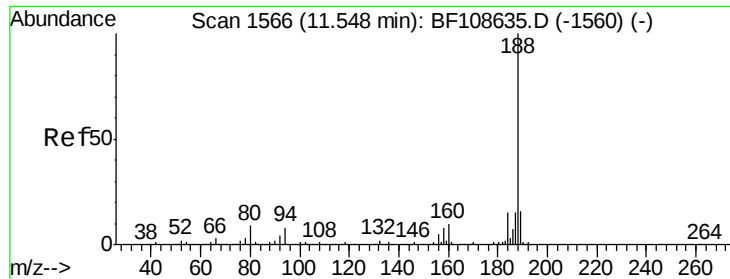
#56
2,4-Dinitrotoluene
Concen: 5.508 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108644.D
Acq: 30 Aug 2018 16:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	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

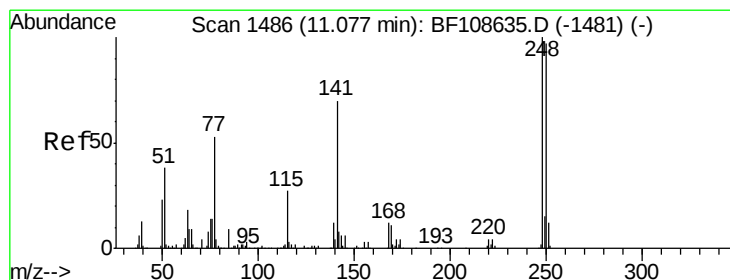
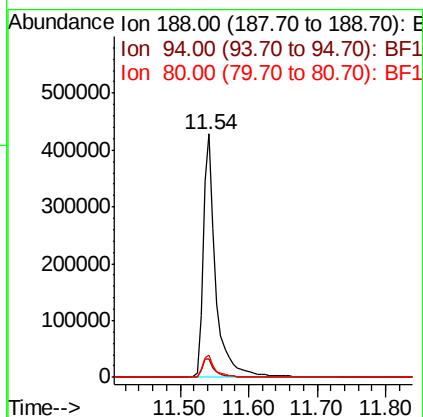
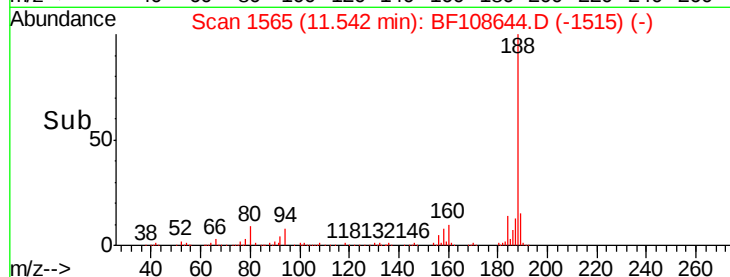
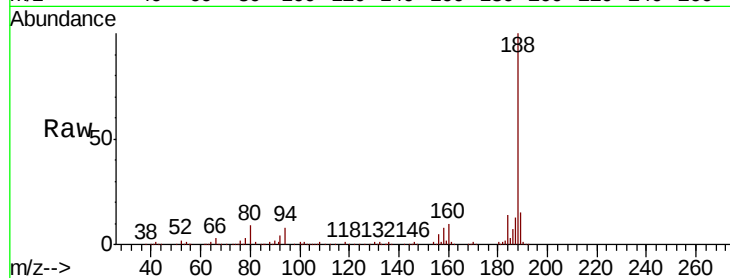




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108644.D
Acq: 30 Aug 2018 16:56

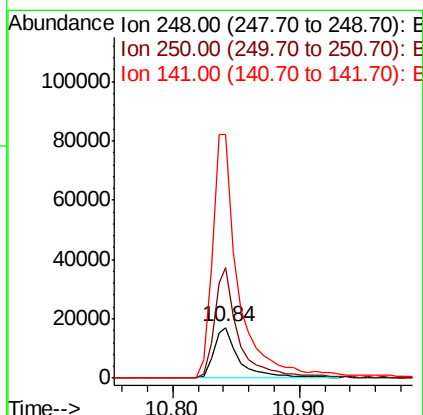
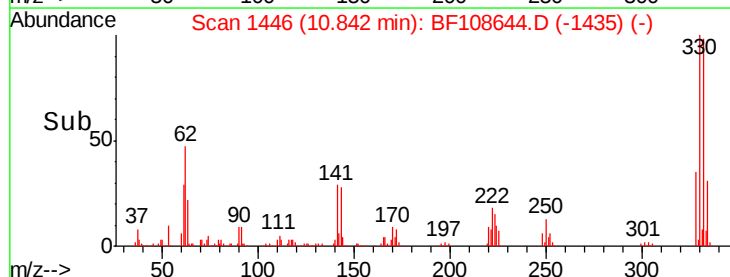
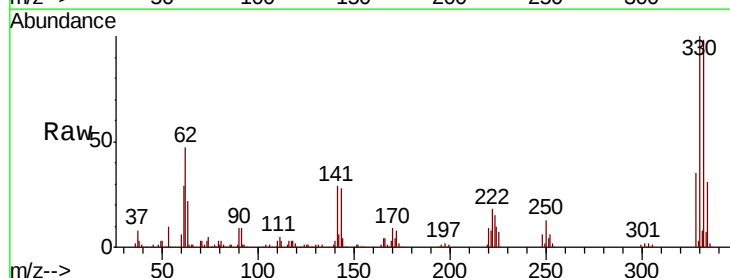
Instrument :
BNA_F
ClientSampled :

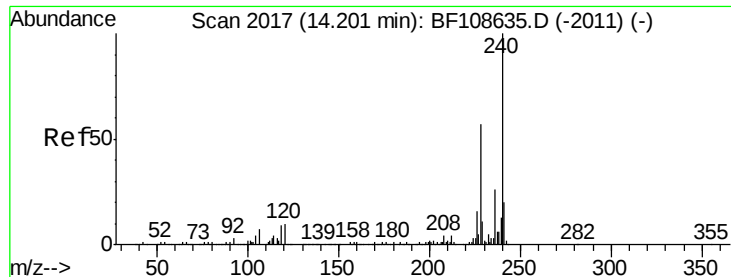
Tot Ion:188 Resp: 554651
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.521 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF108644.D
Acq: 30 Aug 2018 16:56

Tgt Ion:248 Resp: 23999
Ion Ratio Lower Upper
248 100
250 216.4 76.9 115.3#
141 478.4 74.4 111.6#





#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

Instrument :

BNA_F

ClientSampled :

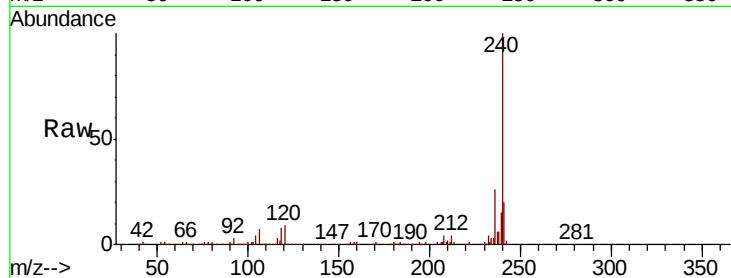
Tot Ion:240 Resp: 472310

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

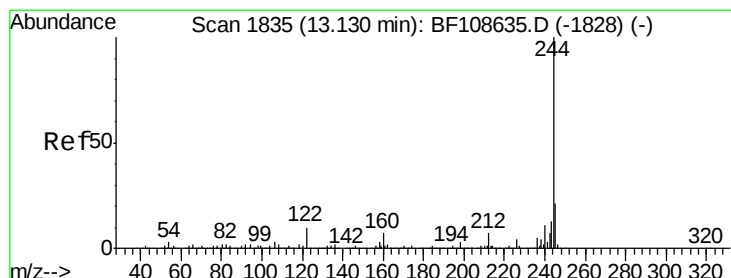
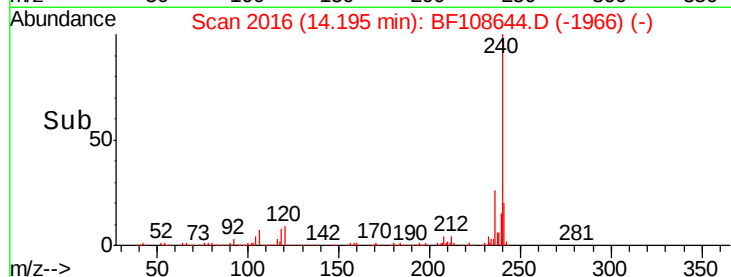
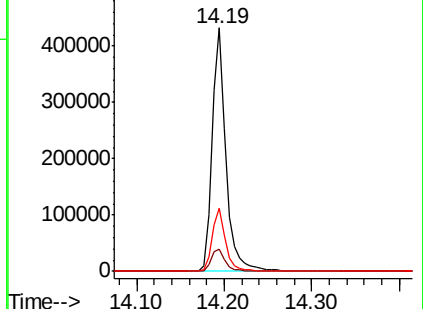
236 26.2 20.7 31.1



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

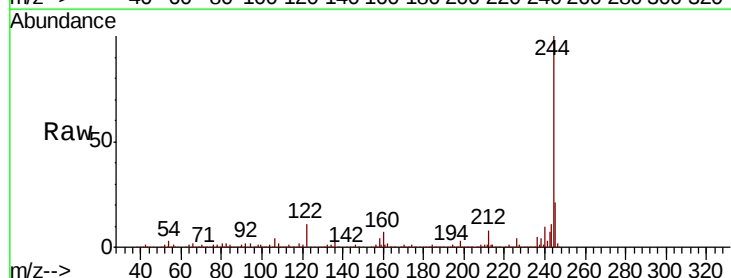
Tgt Ion:244 Resp: 1809139

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

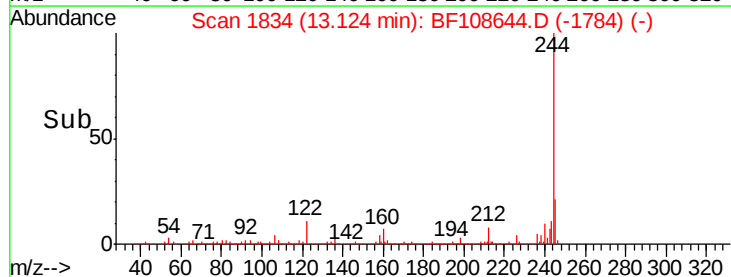
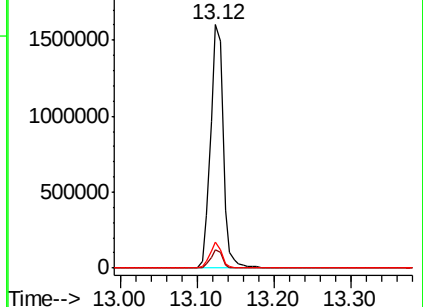
122 10.7 11.0 16.4#

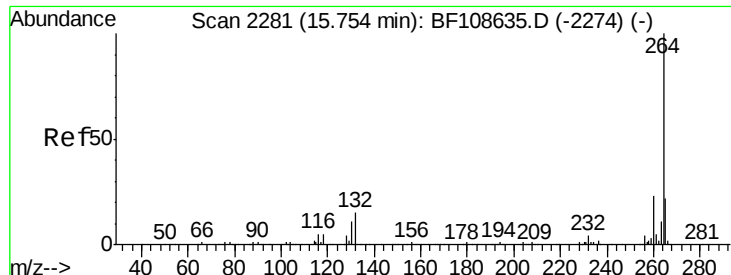


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

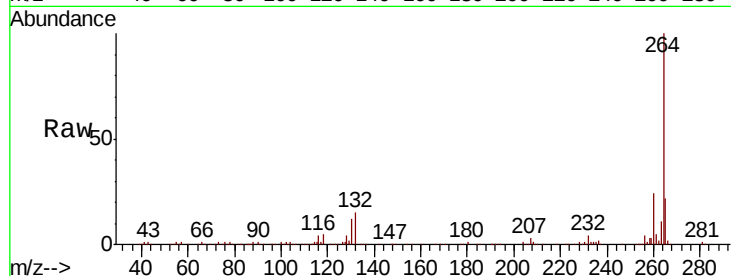




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108644.D
Acq: 30 Aug 2018 16:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	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

