

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108247.D
 Acq On : 17 Aug 2018 17:04
 Operator : JU/SJ
 Sample : J4531-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 18:06:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

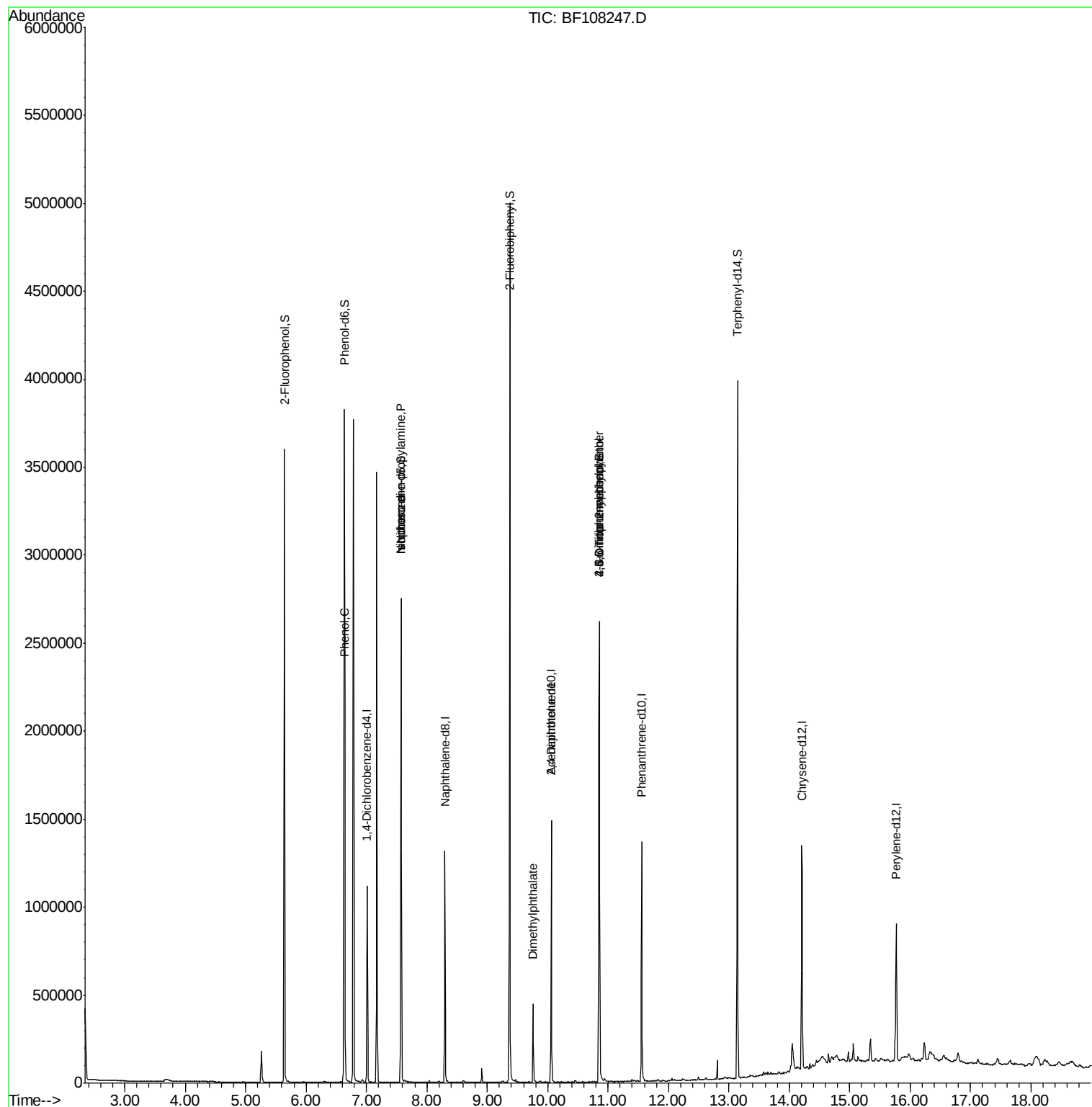
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	155932	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	586589	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271704	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	494208	20.00	ng	0.00
75) Chrysene-d12	14.21	240	437500	20.00	ng	-0.01
86) Perylene-d12	15.77	264	387423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	937289	108.82	ng	0.01
7) Phenol-d6	6.64	99	1247285	108.98	ng	0.00
23) Nitrobenzene-d5	7.58	82	827330	78.70	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	311254	114.85	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1460944	86.33	ng	0.00
78) Terphenyl-d14	13.14	244	1358871	78.97	ng	0.00
Target Compounds						
10) Phenol	6.65	94	28197	2.382	ng	96
19) n-Nitroso-di-n-propylamine	7.58	70	113515	14.667	ng	# 84
25) Isophorone	7.58	82	825285	41.189	ng	# 64
49) Dimethylphthalate	9.76	163	156562	8.272	ng	# 99
56) 2,4-Dinitrotoluene	10.06	165	34886	6.844	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	583	5.638	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	20360	3.791	ng	# 1

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

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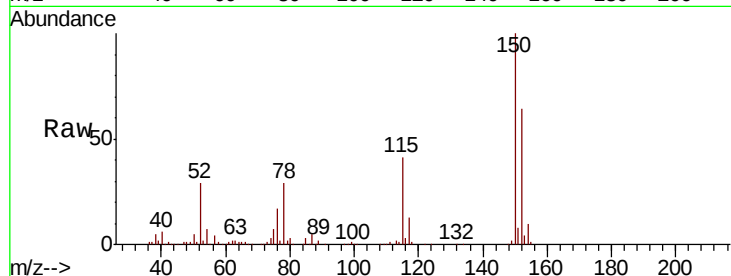


#1

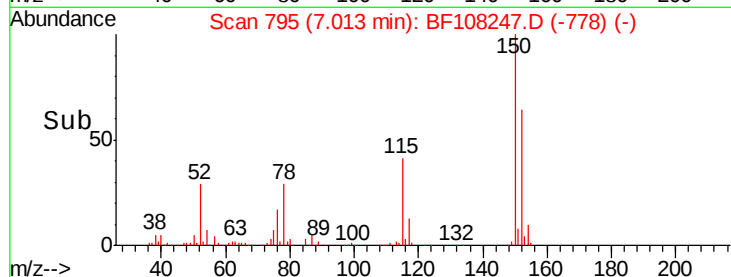
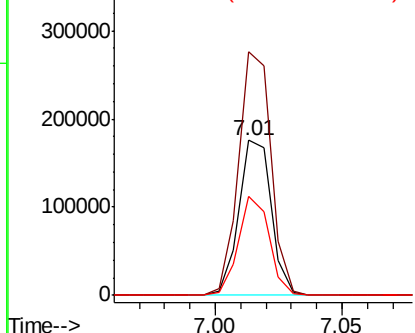
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.8	50.1	75.1



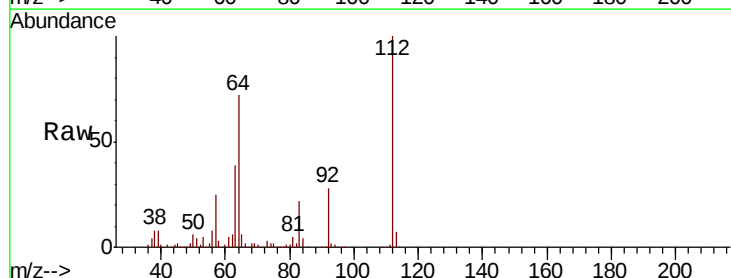
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



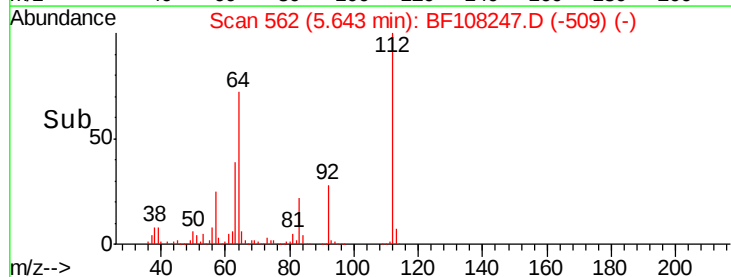
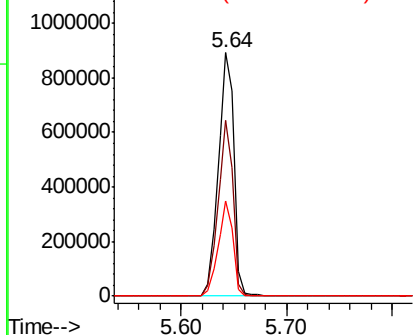
#5

2-Fluorophenol
Concen: 108.824 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	39.0	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: 108.978 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

Instrument :

BNA_F

ClientSampleId :

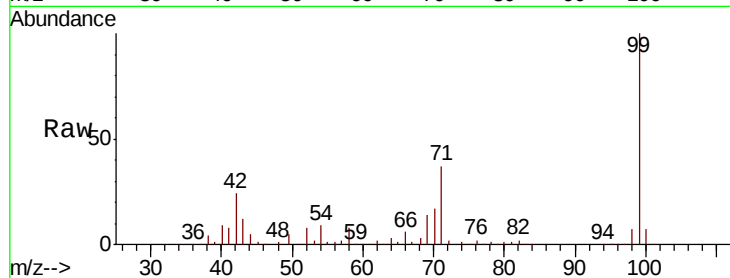
Tot Ion: 99 Resp: 1247285

Ion Ratio Lower Upper

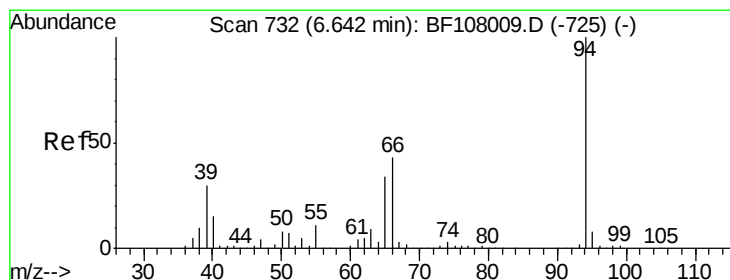
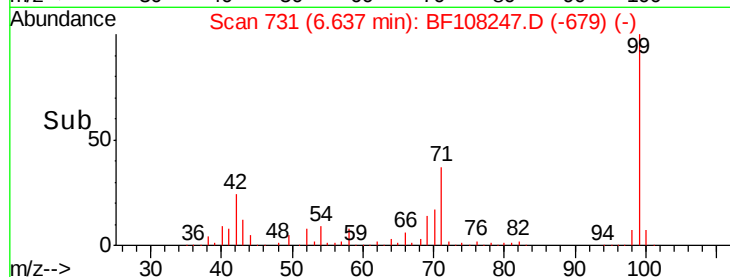
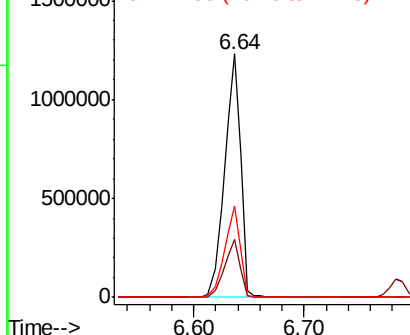
99 100

42 23.7 14.5 21.7#

71 37.3 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



#10

Phenol

Concen: 2.382 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

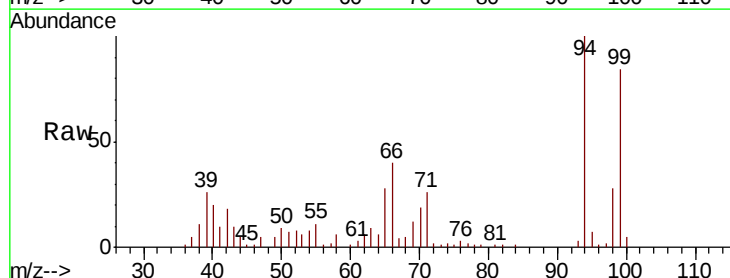
Tgt Ion: 94 Resp: 28197

Ion Ratio Lower Upper

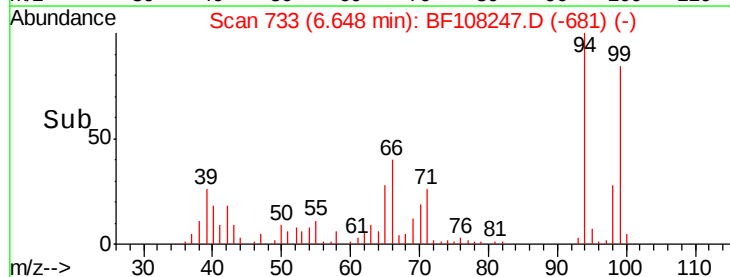
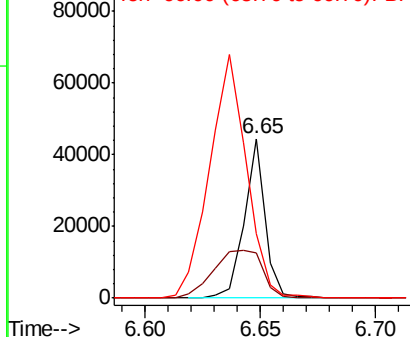
94 100

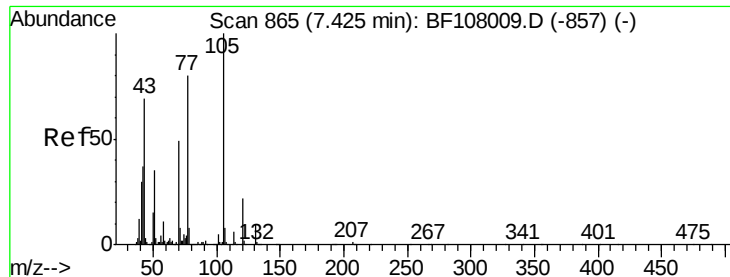
65 28.5 7.9 47.9

66 40.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

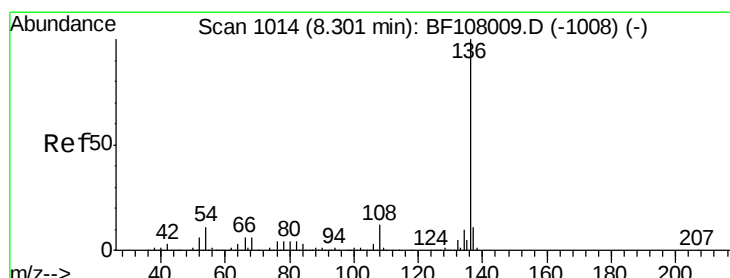
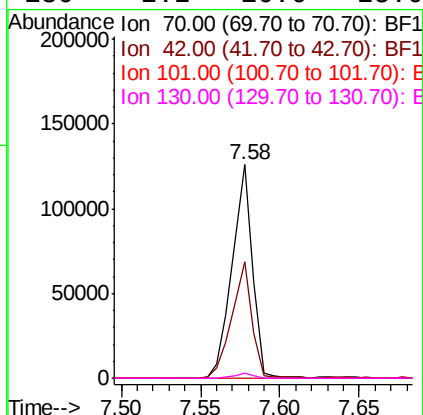
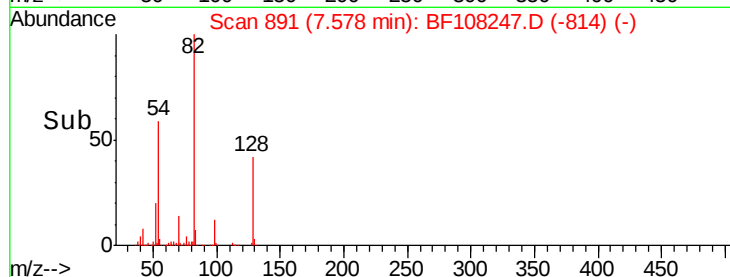
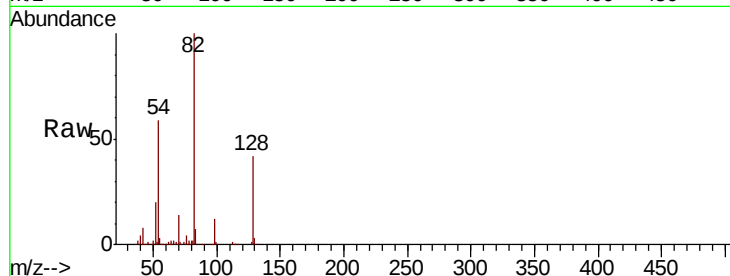




#19
n-Nitroso-di-n-propylamine
Concen: 14.667 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

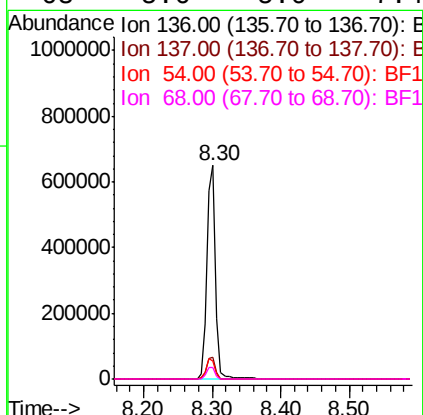
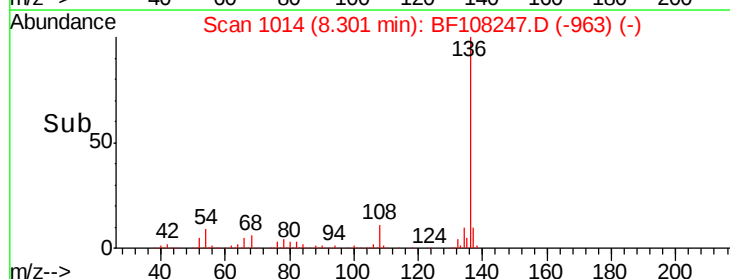
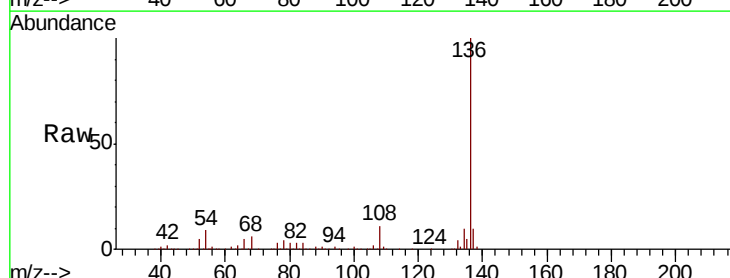
Instrument :
BNA_F
ClientSampleId :

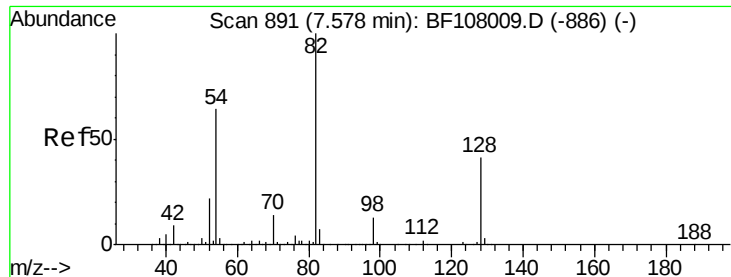
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2
130	2.2	16.6	25.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.6	6.6	9.8
68	5.6	5.0	7.4

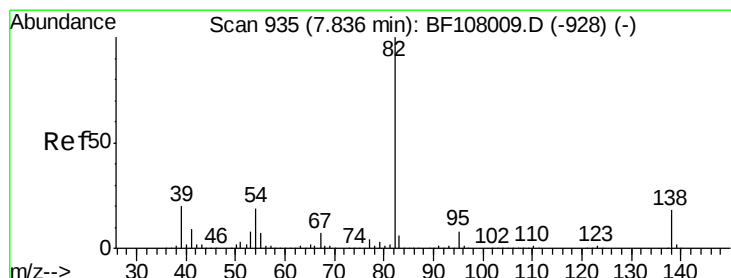
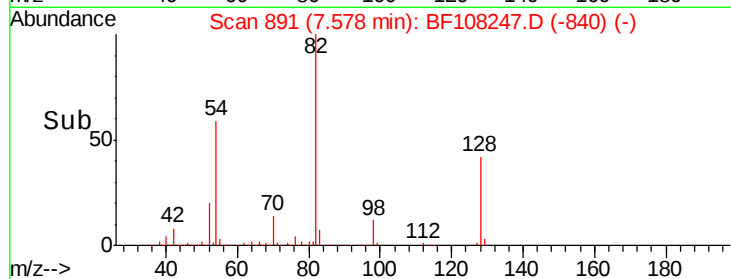
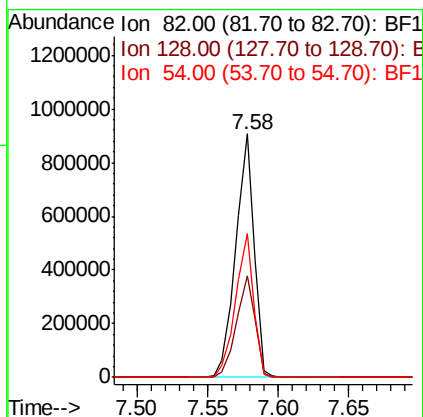
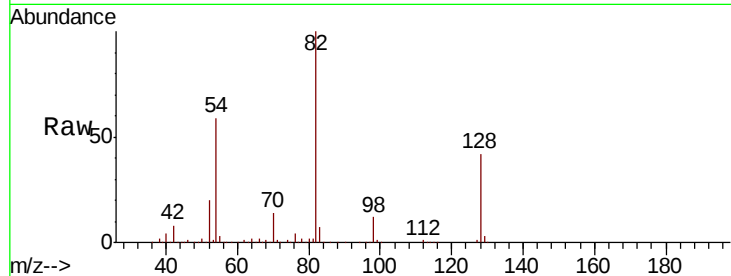




#23
 Nitrobenzene-d5
 Concen: 78.703 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

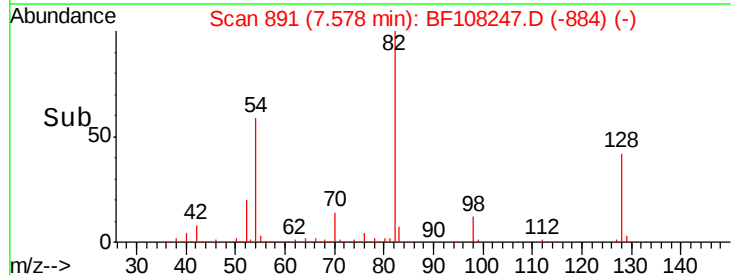
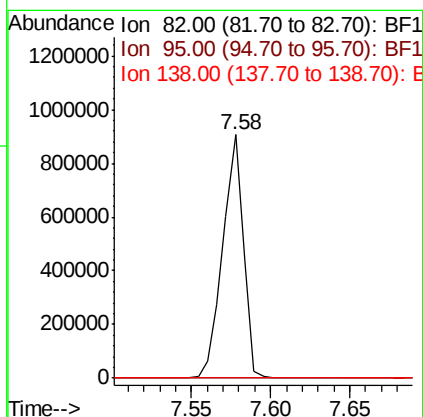
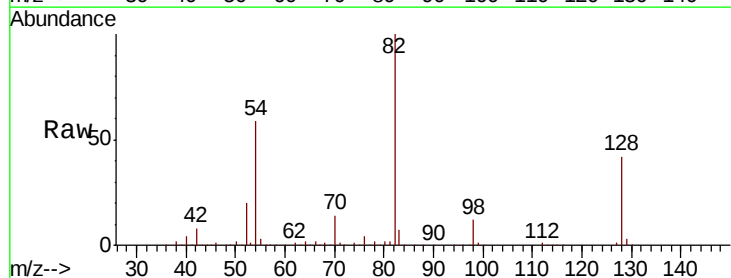
Instrument :
 BNA_F
 ClientSampleID :

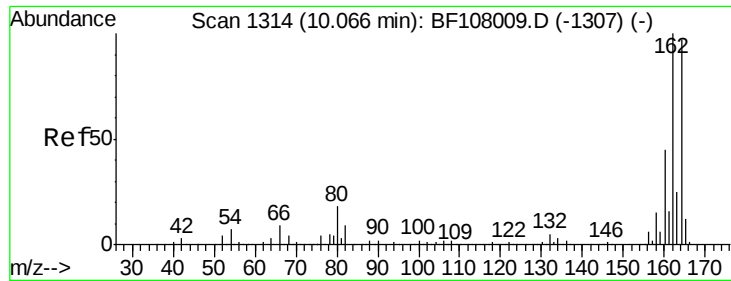
Tot Ion	82	Resp	827330
Ion Ratio	Lower	Upper	
82	100		
128	41.8	36.1	54.1
54	59.3	41.4	62.2



#25
 Isophorone
 Concen: 41.189 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

Tgt Ion	82	Resp	825285
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

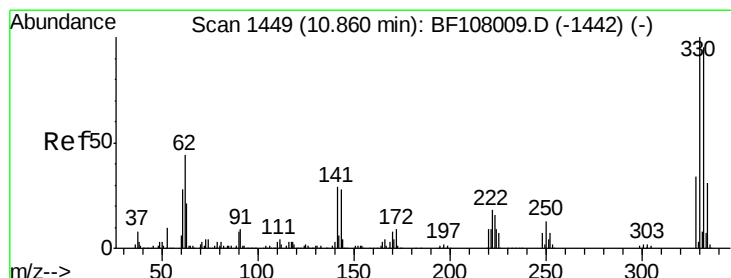
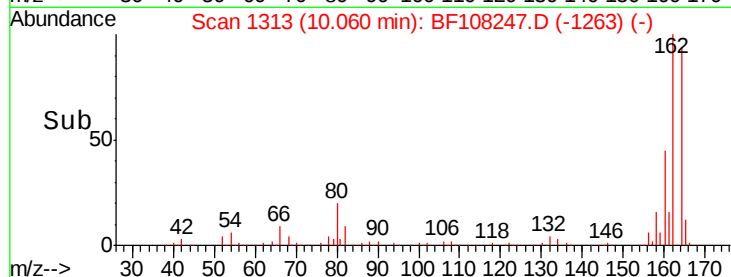
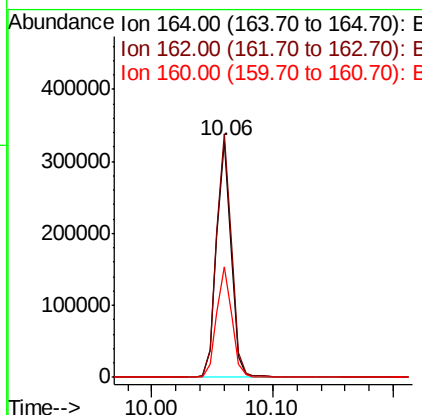
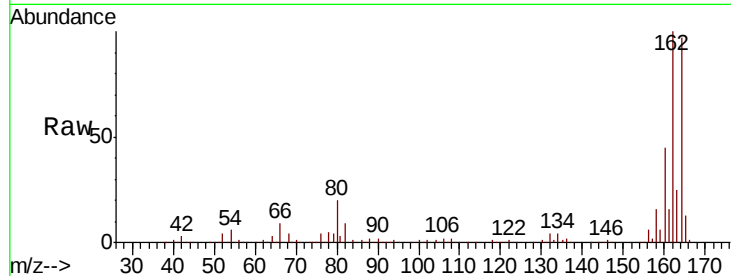




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

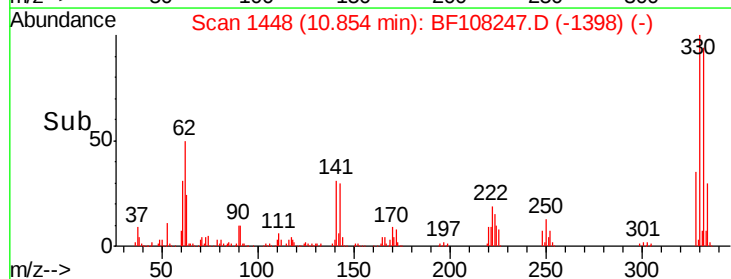
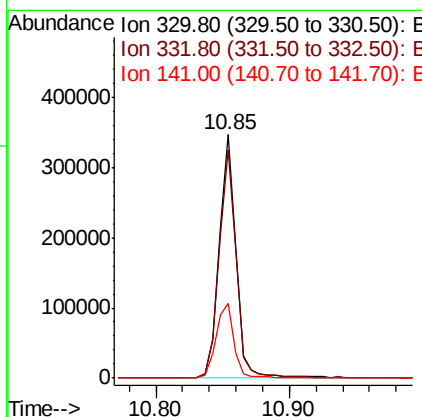
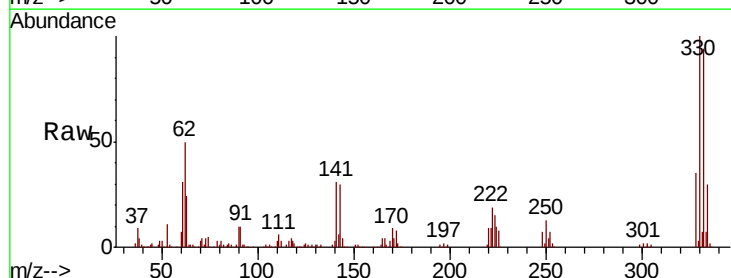
Instrument :
 BNA_F
 ClientSampleId :

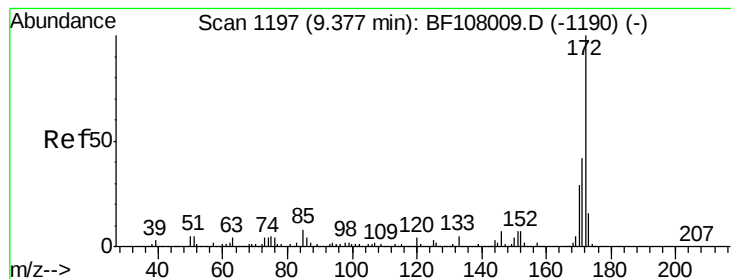
Tot Ion:164 Resp: 271704
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.846 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

Tgt Ion:330 Resp: 311254
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.9 29.9 44.9



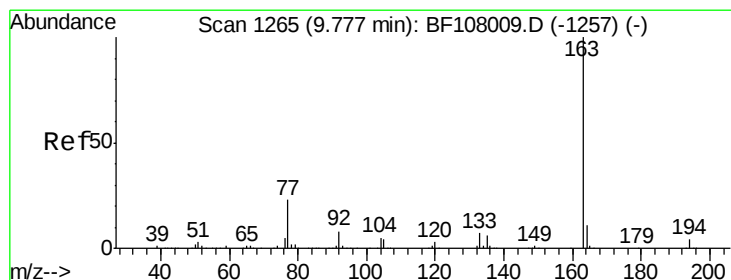
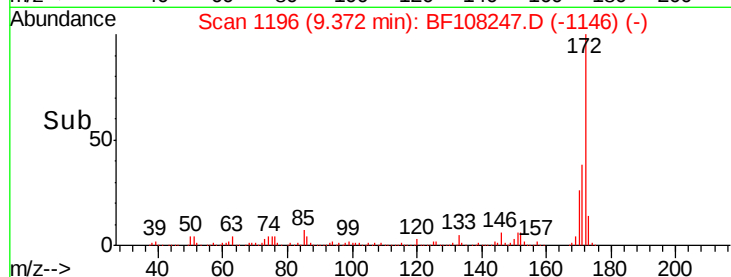
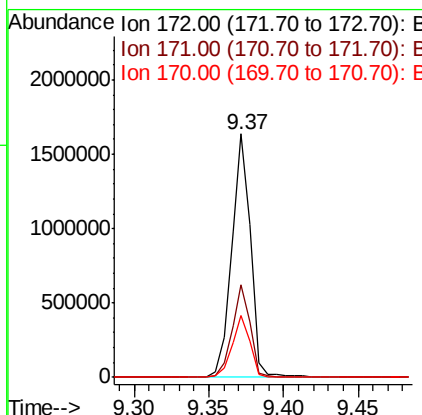
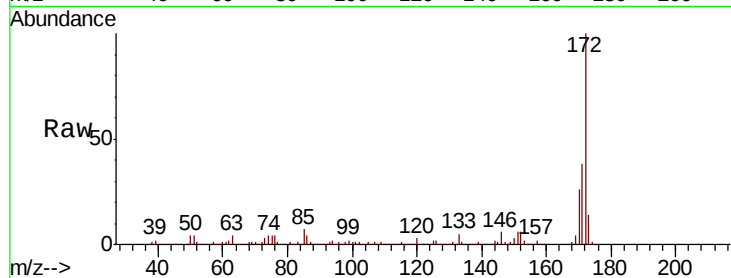


#44
 2-Fluorobiphenyl
 Concen: 86.326 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1460944

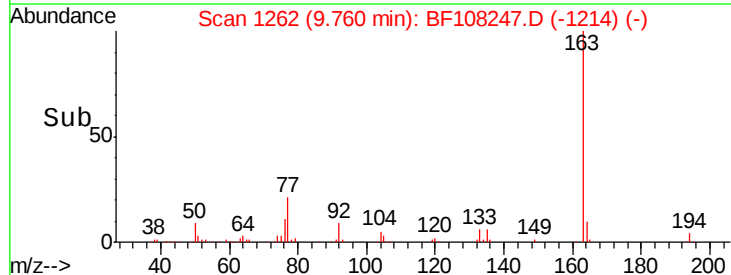
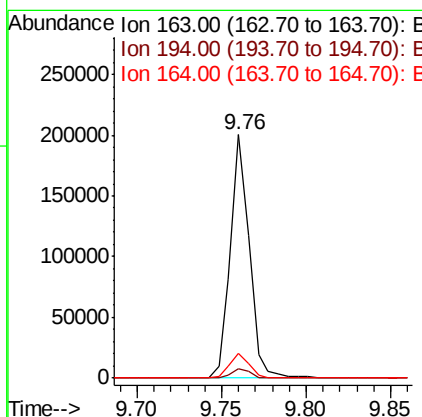
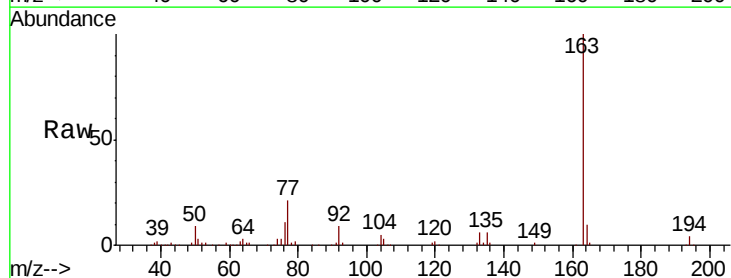
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.5	19.6	29.4



#49
 Dimethylphthalate
 Concen: 8.272 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

Tgt Ion:163 Resp: 156562

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.1	8.2	12.2

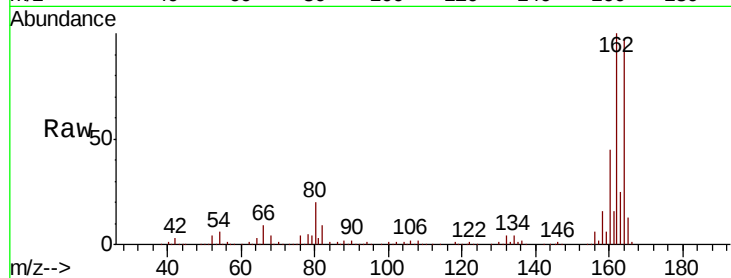




#56
 2,4-Dinitrotoluene
 Concen: 6.844 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

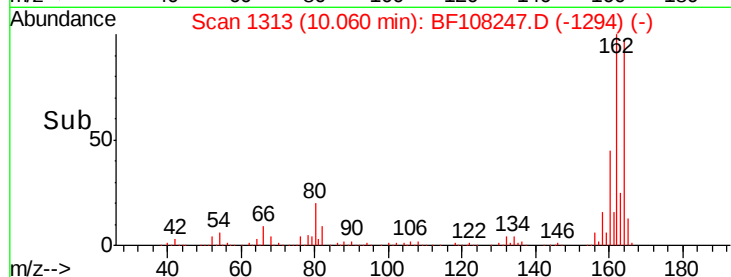
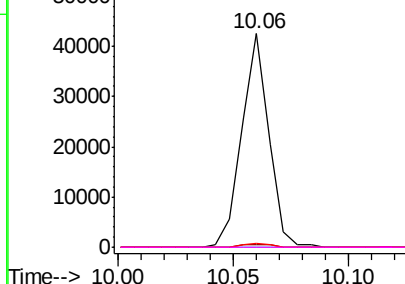


Abundance Ion 165.00 (164.70 to 165.70): E

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



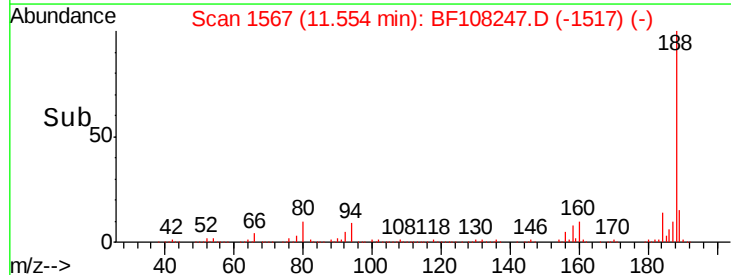
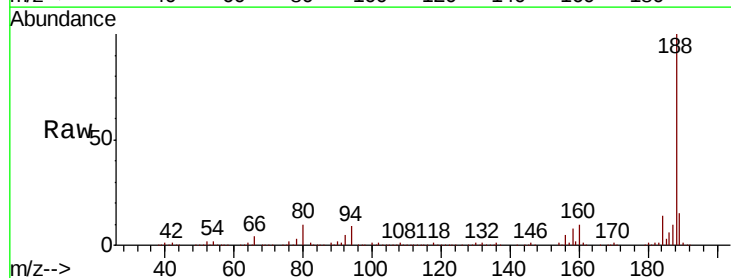
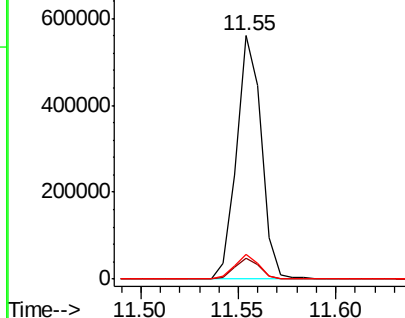
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108247.D
 Acq: 17 Aug 2018 17:04

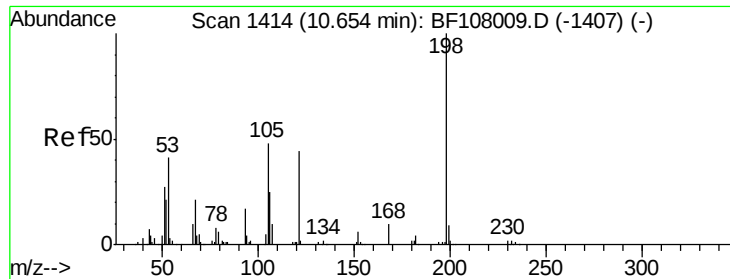
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	10.3	9.2	13.8

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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.638 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.20 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

Instrument :

BNA_F

ClientSampleId :

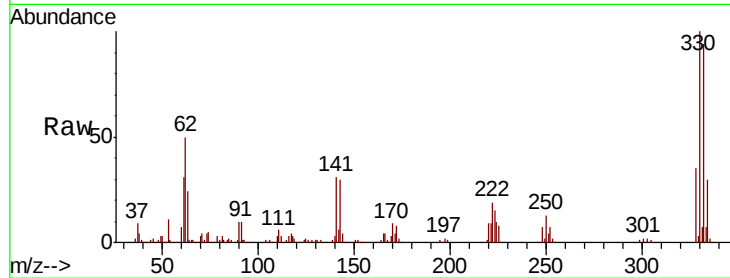
Tot Ion:198 Resp: 583

Ion Ratio Lower Upper

198 100

51 230.5 37.7 77.7#

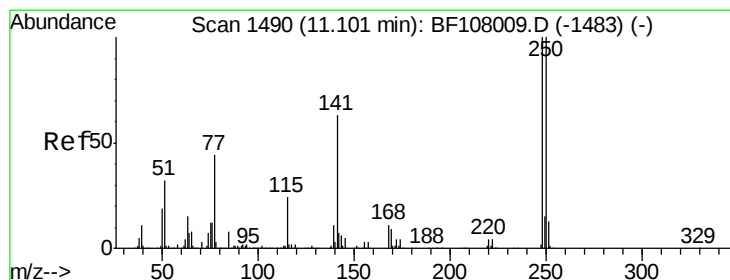
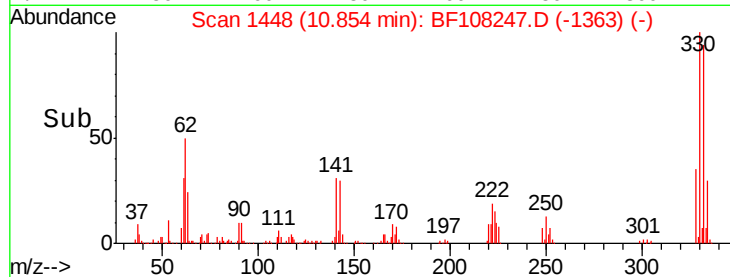
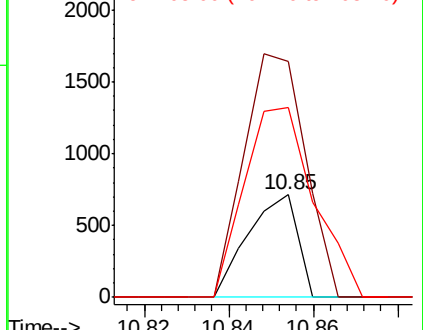
105 185.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.791 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

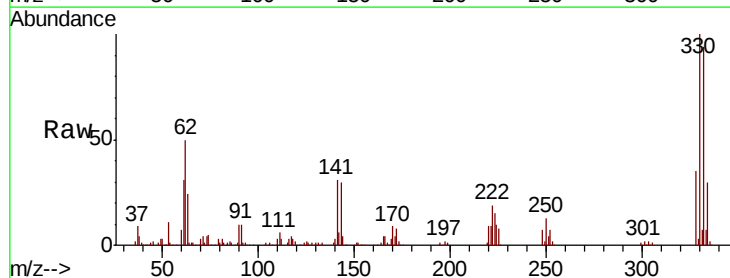
Tgt Ion:248 Resp: 20360

Ion Ratio Lower Upper

248 100

250 198.8 76.9 115.3#

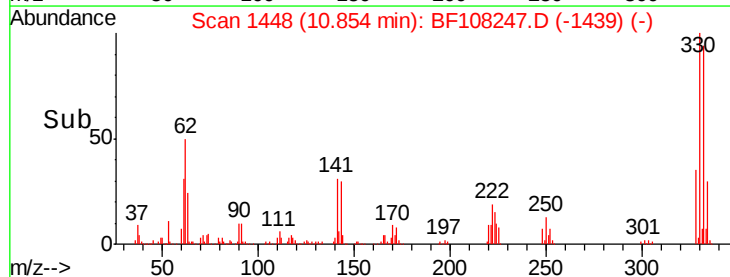
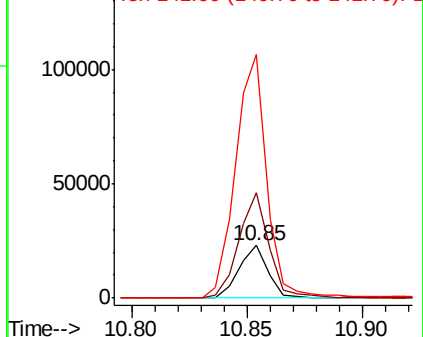
141 461.1 74.4 111.6#

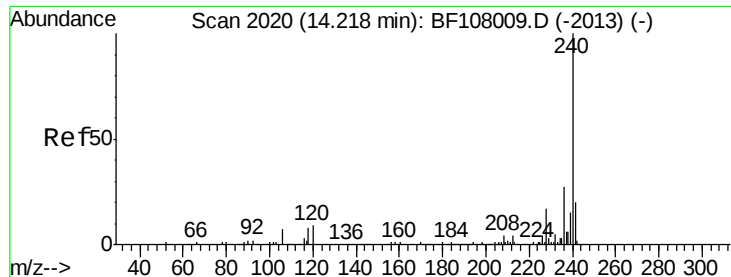


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

Instrument :

BNA_F

ClientSampleId :

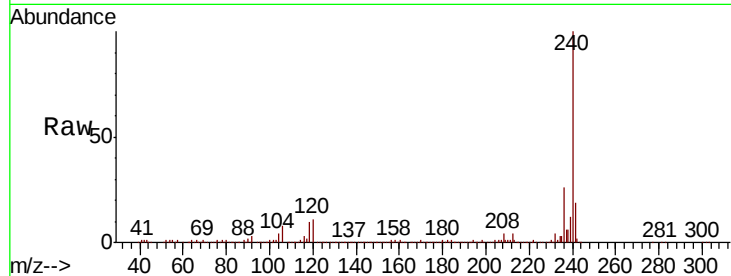
Tot Ion:240 Resp: 437500

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

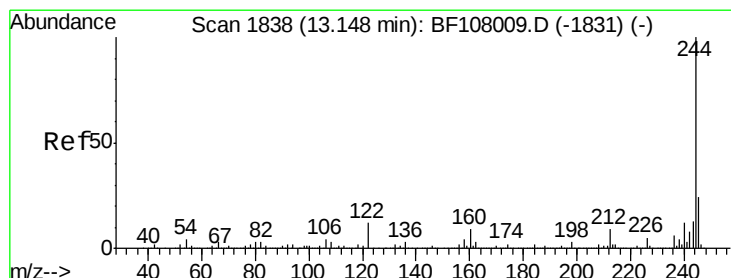
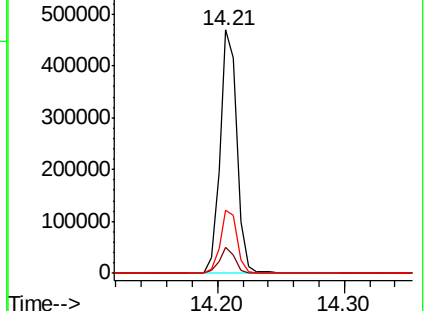
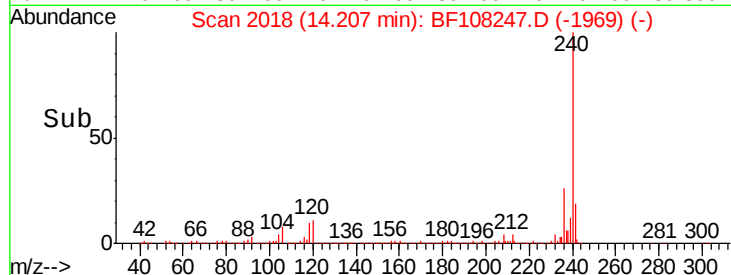
236 25.8 20.7 31.1



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: 78.972 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108247.D

Acq: 17 Aug 2018 17:04

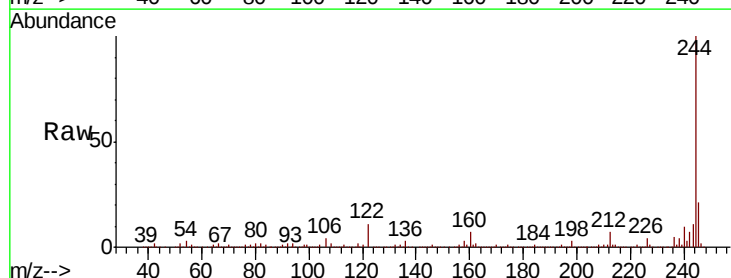
Tgt Ion:244 Resp: 1358871

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

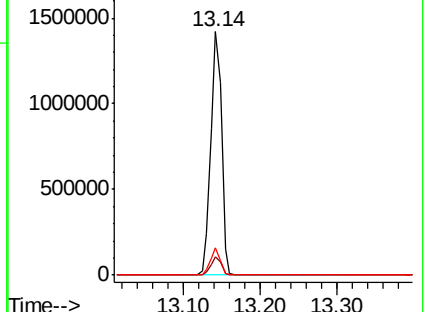
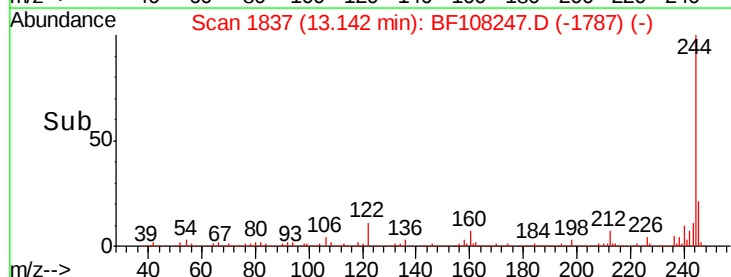
122 11.0 11.0 16.4

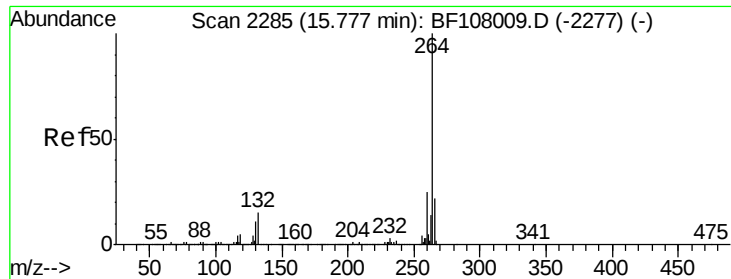


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108247.D
Acq: 17 Aug 2018 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	387423
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

