

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108242.D
 Acq On : 17 Aug 2018 14:47
 Operator : JU/SJ
 Sample : J4497-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 15:09:59 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

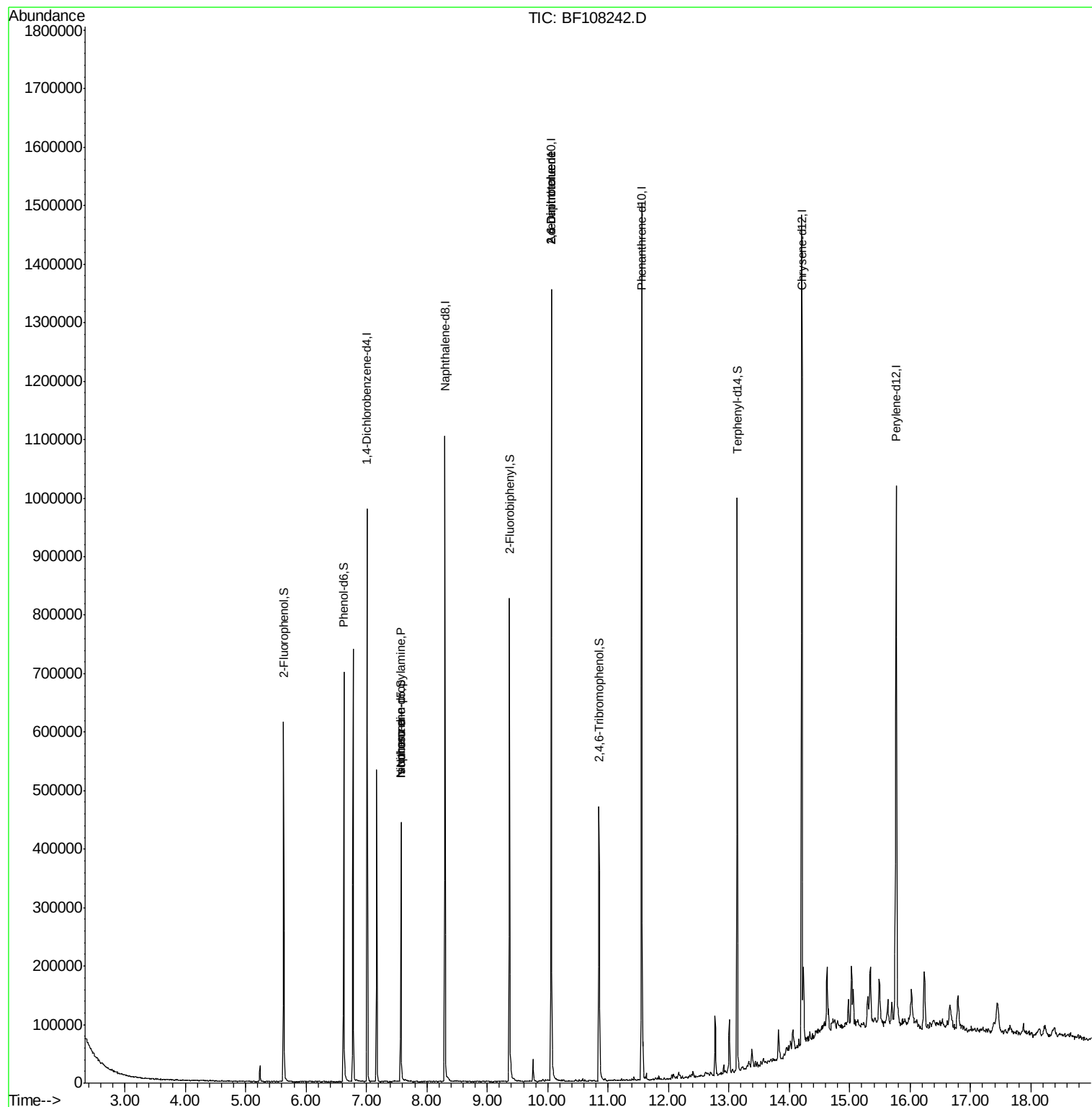
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	127721	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	496920	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	257112	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	544123	20.00	ng	0.00
75) Chrysene-d12	14.21	240	474250	20.00	ng	-0.01
86) Perylene-d12	15.77	264	446711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	151251	21.44	ng	0.00
7) Phenol-d6	6.62	99	204927	21.86	ng	0.00
23) Nitrobenzene-d5	7.57	82	129185	14.51	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	59552	23.22	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	277709	17.34	ng	-0.01
78) Terphenyl-d14	13.14	244	339833	18.22	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	16680	2.631	ng	# 88
25) Isophorone	7.57	82	129183	7.611	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	33896	9.046	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	34004	7.050	ng	# 24

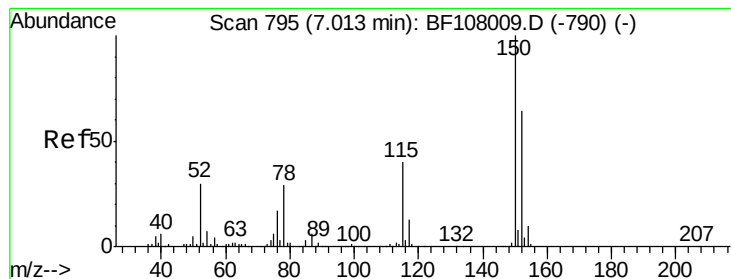
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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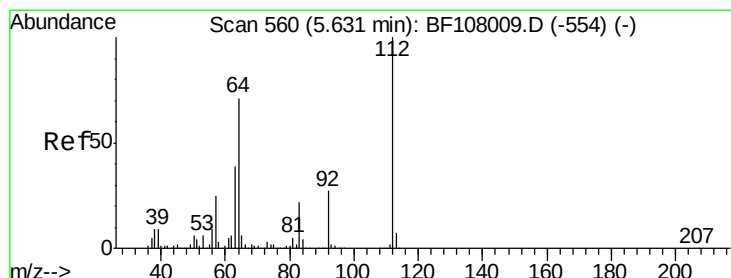
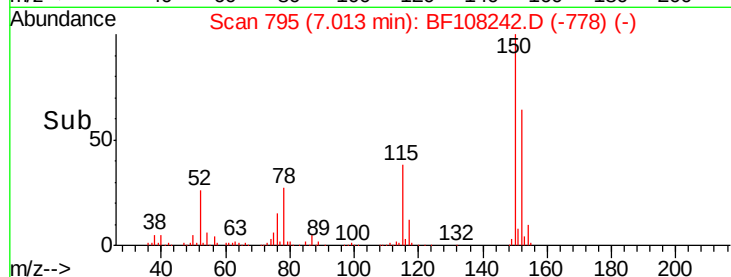
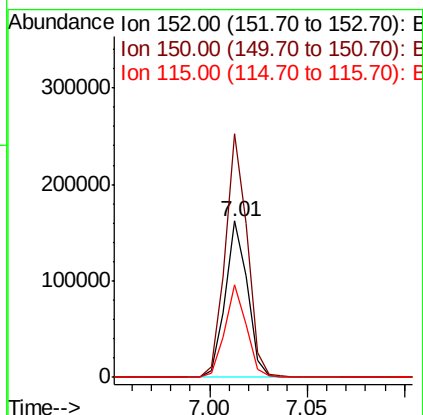
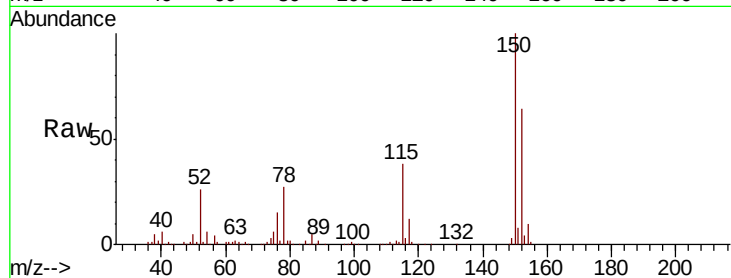


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Instrument :
BNA_F
ClientSampleId :

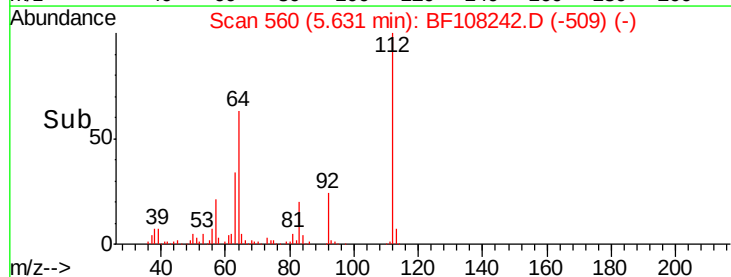
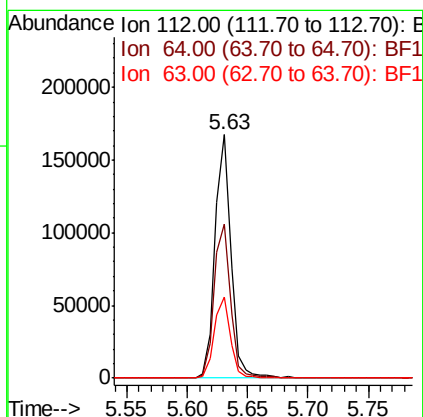
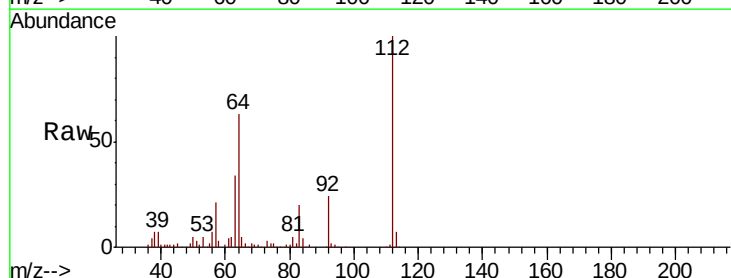
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.2	50.1	75.1

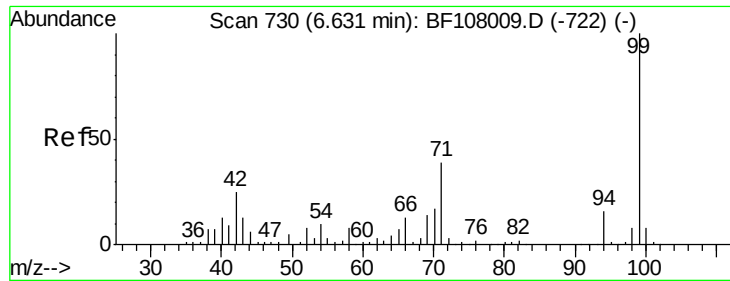


#5

2-Fluorophenol
Concen: 21.440 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 21.860 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Instrument :

BNA_F

ClientSampleId :

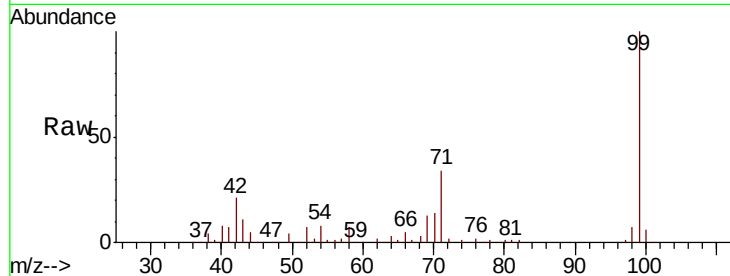
Tot Ion: 99 Resp: 204927

Ion Ratio Lower Upper

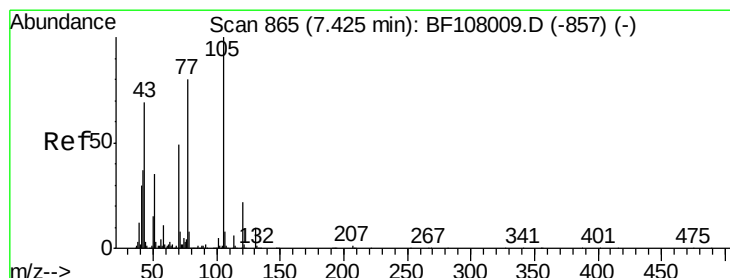
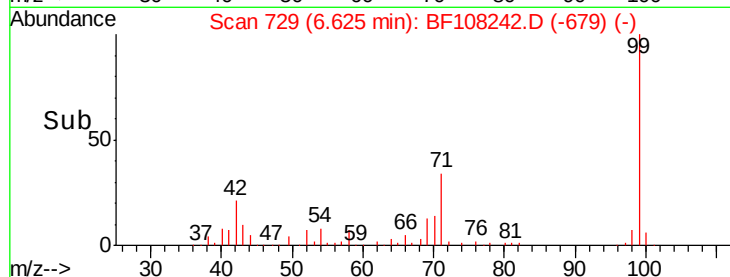
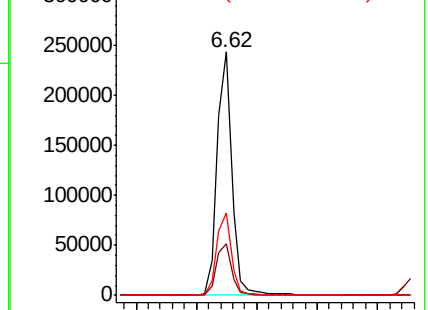
99 100

42 21.2 14.5 21.7

71 33.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.631 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Tgt Ion: 70 Resp: 16680

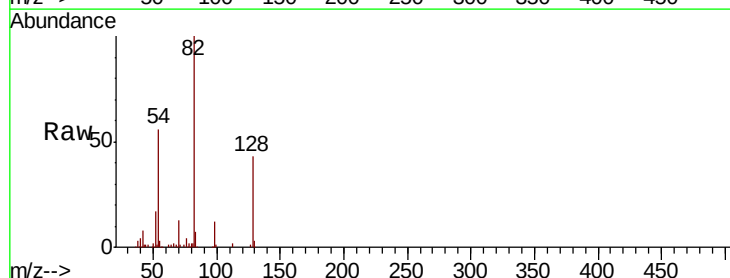
Ion Ratio Lower Upper

70 100

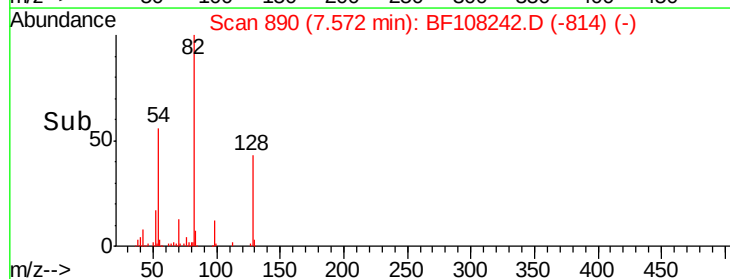
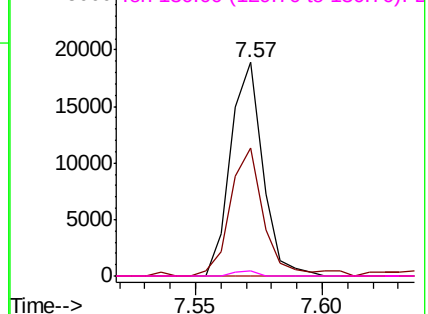
42 59.9 47.5 71.3

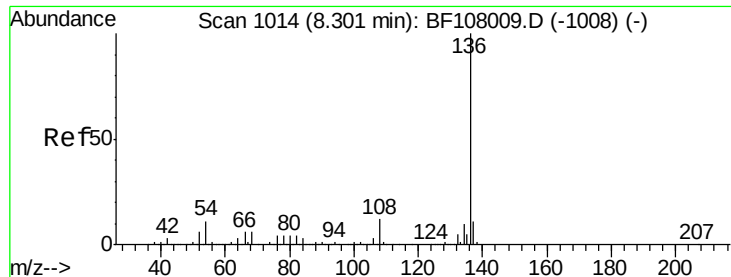
101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

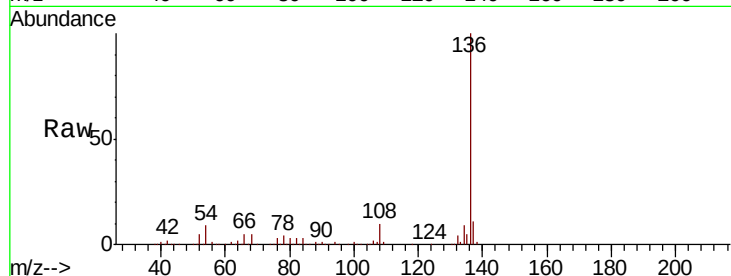




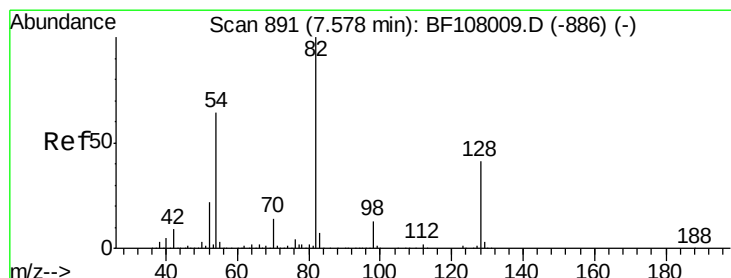
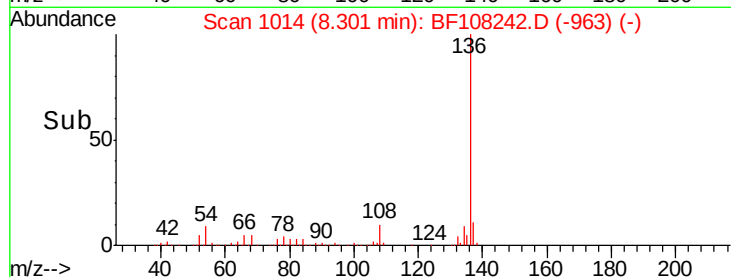
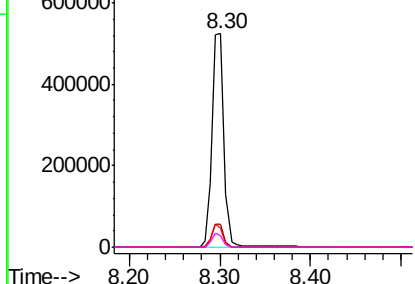
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	496920
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.7	6.6	9.8
68 5.3	5.0	7.4

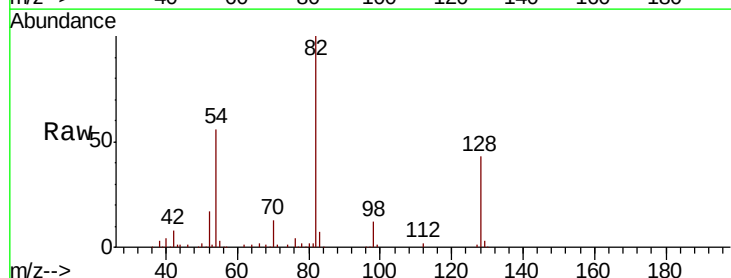


Abundance Ion 136.00 (135.70 to 136.70): E
800000 Ion 137.00 (136.70 to 137.70): E
600000 Ion 54.00 (53.70 to 54.70): BF1
400000 Ion 68.00 (67.70 to 68.70): BF1
200000
0

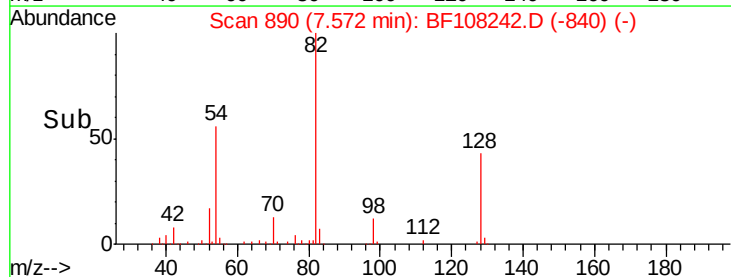
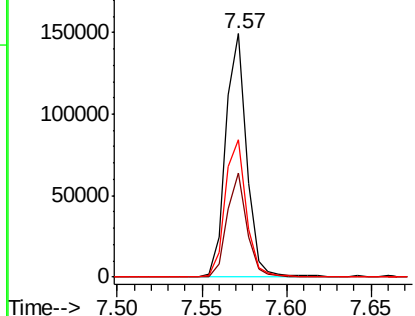


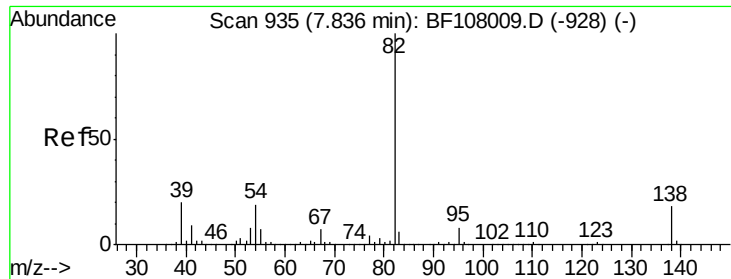
#23
Nitrobenzene-d5
Concen: 14.507 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Tgt	Ion: 82	Resp:	129185
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	56.3	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
200000 Ion 128.00 (127.70 to 128.70): E
150000 Ion 54.00 (53.70 to 54.70): BF1
100000
50000
0





#25

Isophorone

Concen: 7.611 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

Instrument :

BNA_F

ClientSampleId :

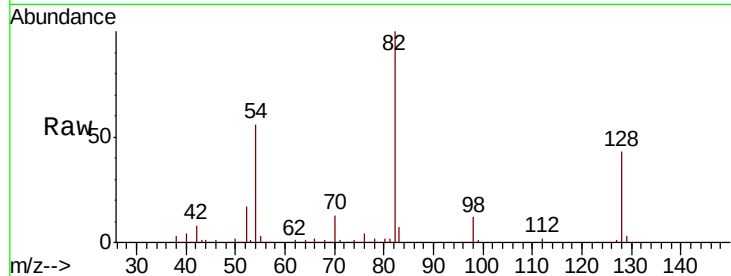
Tot Ion: 82 Resp: 129183

Ion Ratio Lower Upper

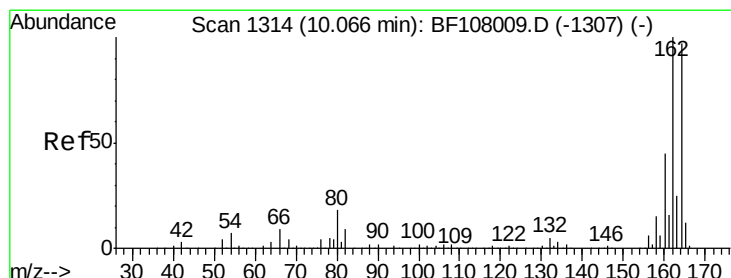
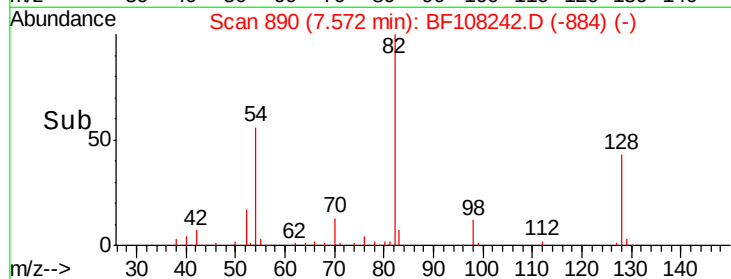
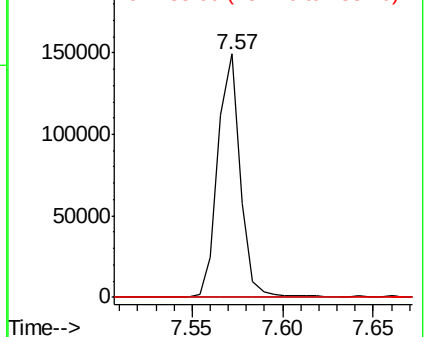
82 100

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: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108242.D

Acq: 17 Aug 2018 14:47

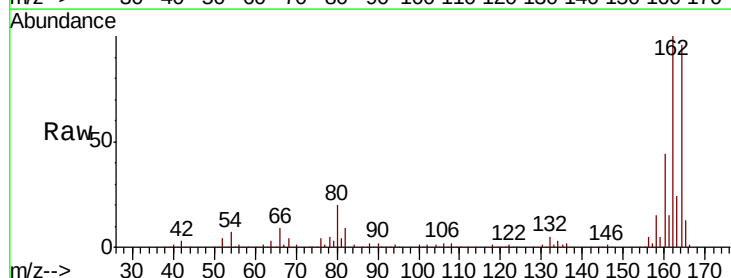
Tgt Ion:164 Resp: 257112

Ion Ratio Lower Upper

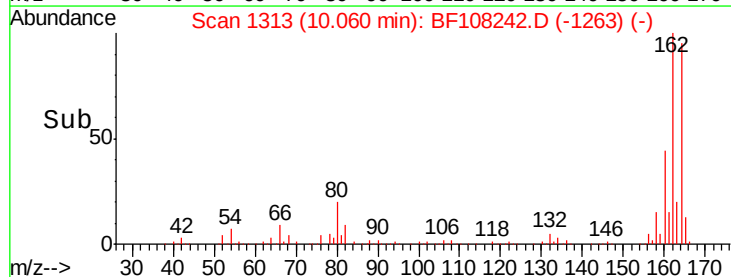
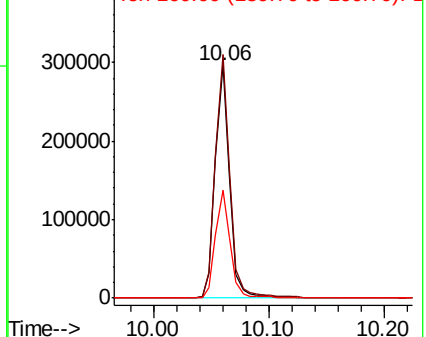
164 100

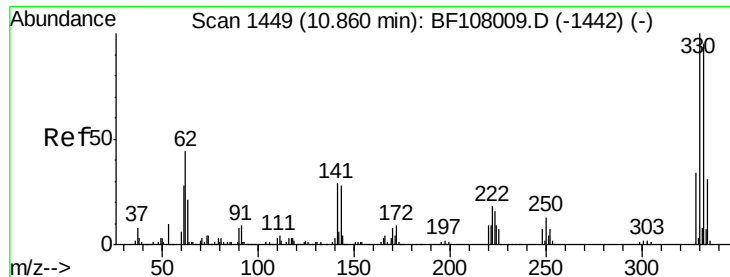
162 104.4 86.1 129.1

160 46.4 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

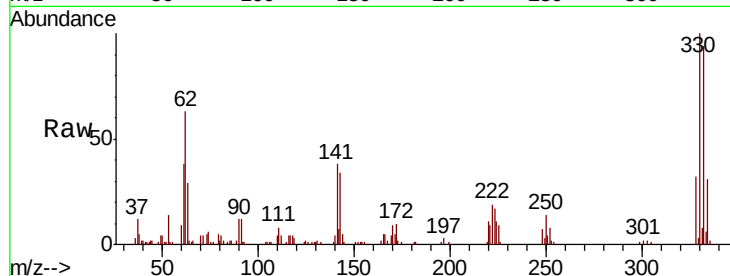




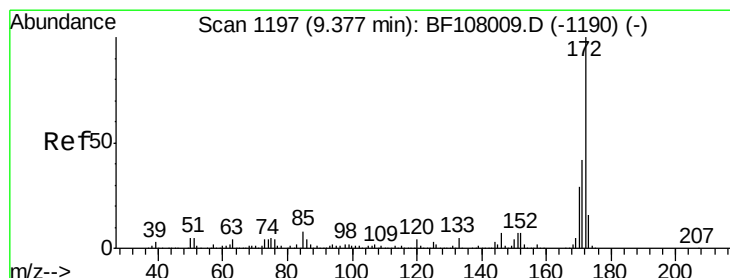
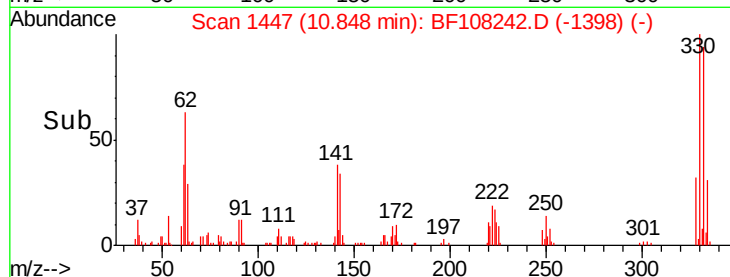
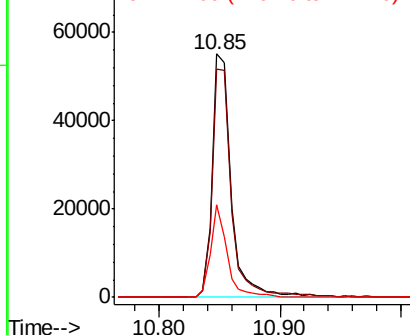
#41
 2,4,6-Tribromophenol
 Concen: 23.221 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.7	29.9	44.9

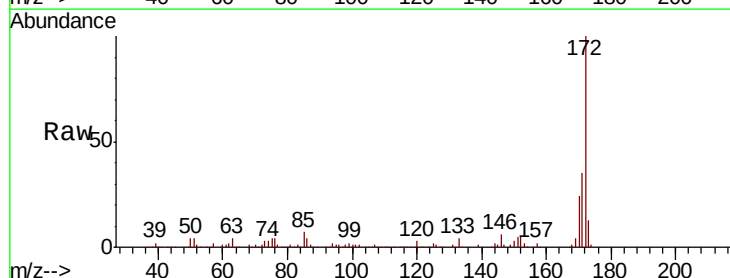


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

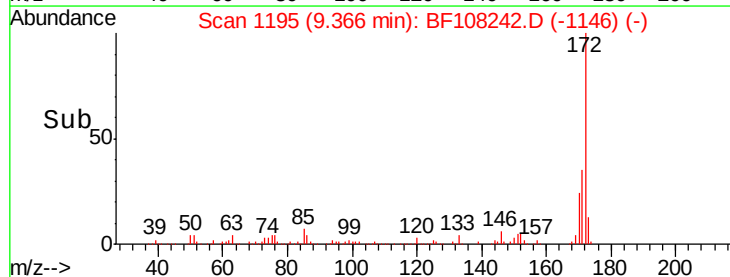
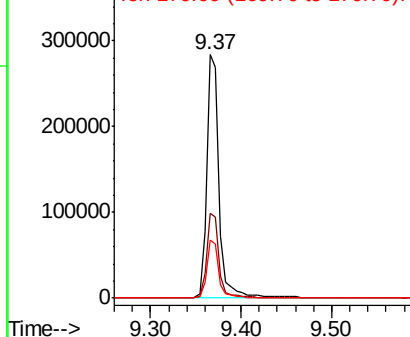


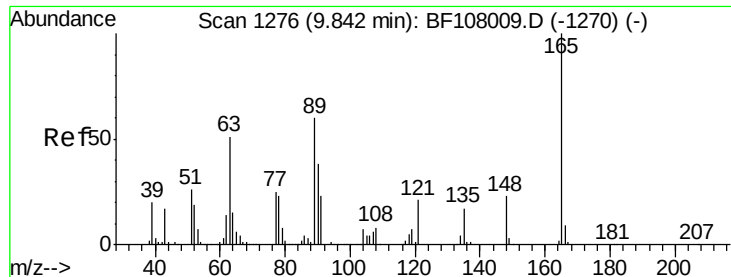
#44
 2-Fluorobiphenyl
 Concen: 17.341 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.6	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

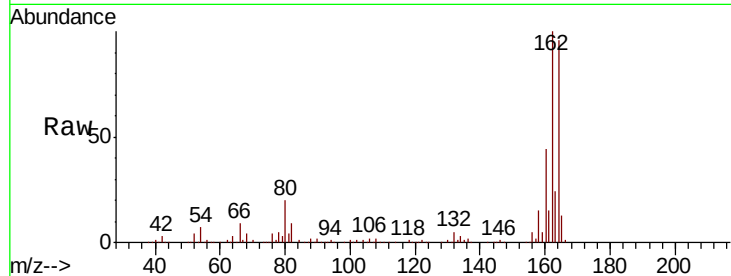




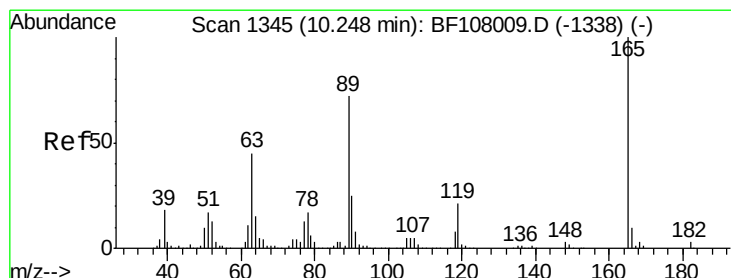
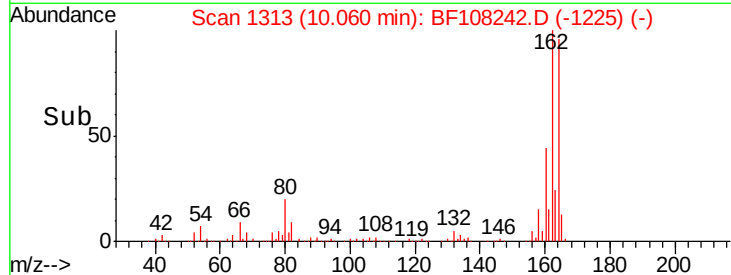
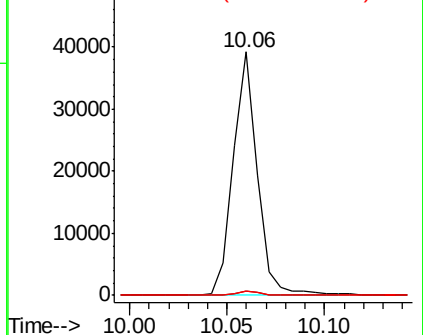
#50
 2,6-Dinitrotoluene
 Concen: 9.046 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#

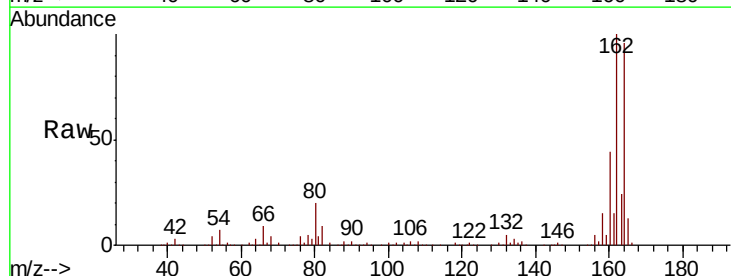


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

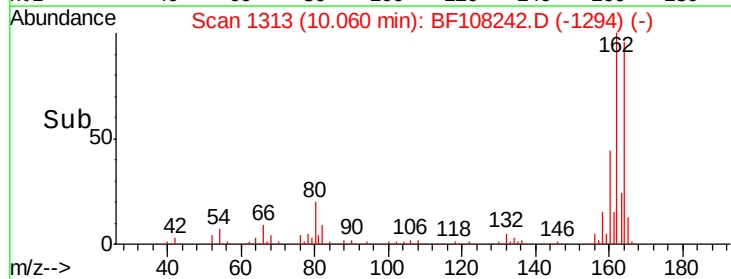
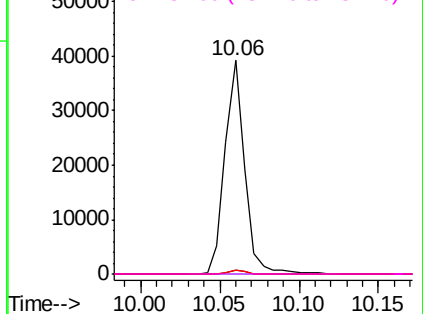


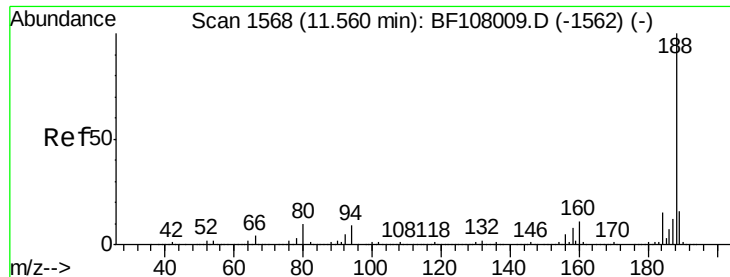
#56
 2,4-Dinitrotoluene
 Concen: 7.050 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	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

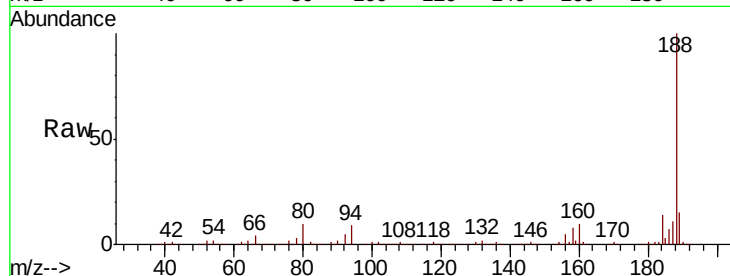




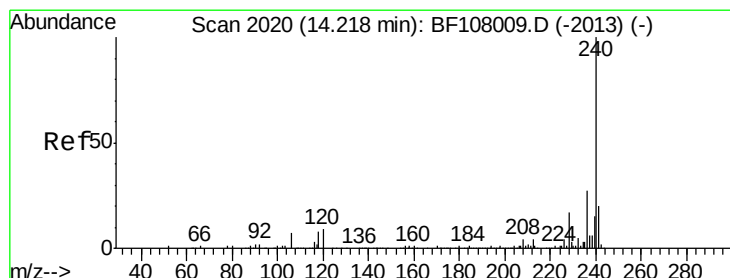
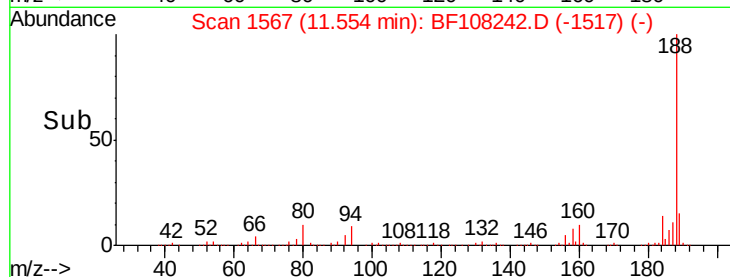
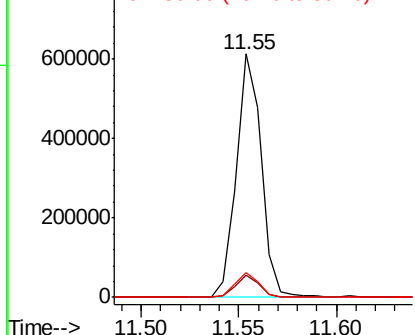
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 544123
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.0 9.2 13.8

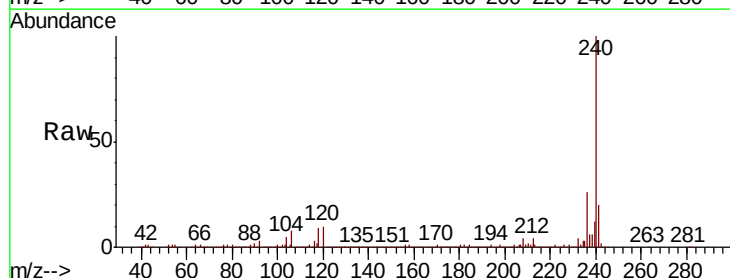


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

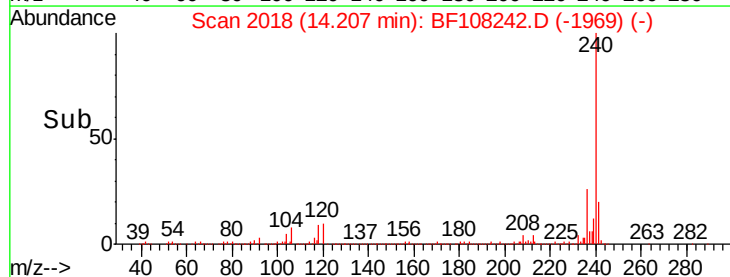
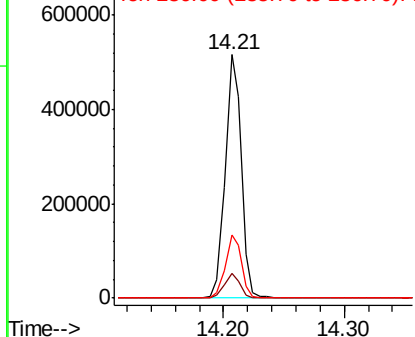


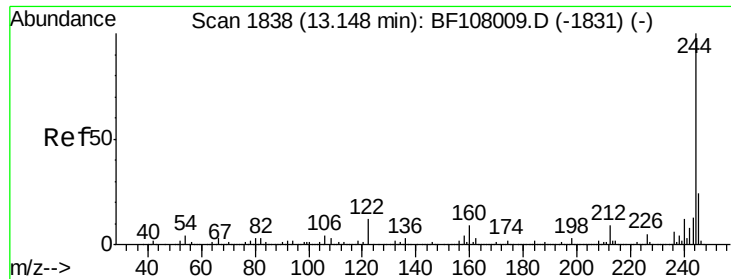
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108242.D
Acq: 17 Aug 2018 14:47

Tgt Ion:240 Resp: 474250
Ion Ratio Lower Upper
240 100
120 10.4 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

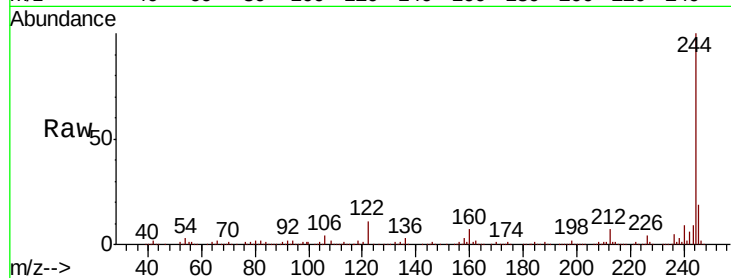




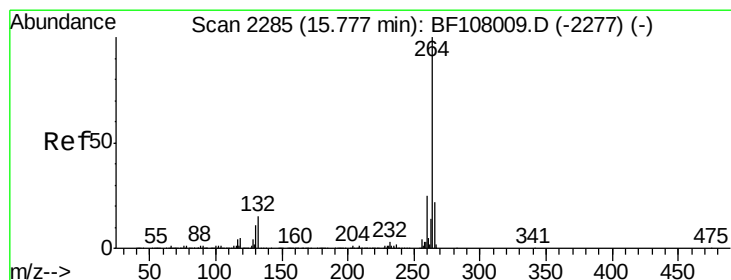
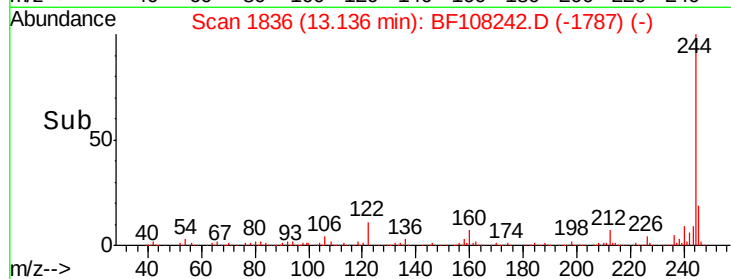
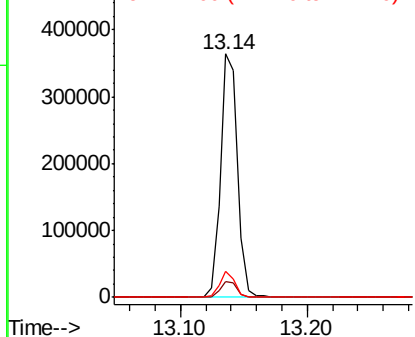
#78
 Terphenyl-d14
 Concen: 18.219 ng
 RT: 13.14 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 339833
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 11.0 16.4#

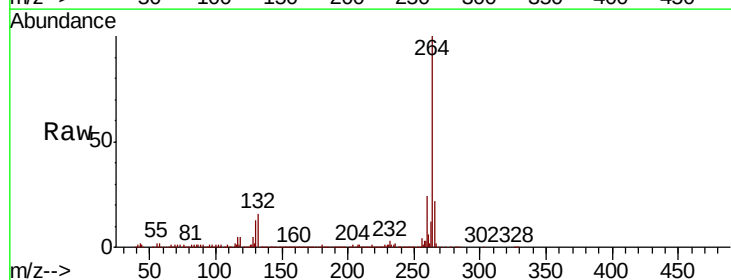


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108242.D
 Acq: 17 Aug 2018 14:47

Tgt Ion:264 Resp: 446711
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 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

