

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109086.D
 Acq On : 18 Sep 2018 9:28
 Operator : JU/SJ
 Sample : J4930-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

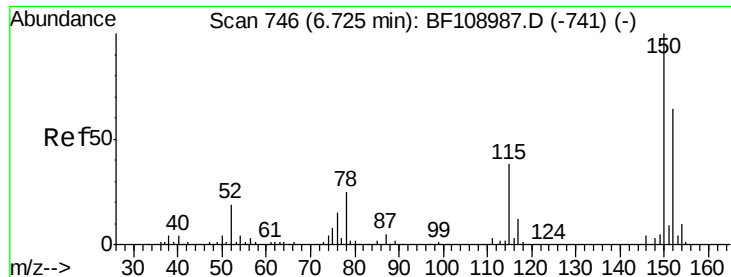
Quant Time: Sep 18 18:11:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140271	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	497795	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212608	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	364135	20.00	ng	0.00
75) Chrysene-d12	13.85	240	311636	20.00	ng	0.00
86) Perylene-d12	15.25	264	260588	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	420276	49.76	ng	0.00
7) Phenol-d6	6.35	99	344305	31.62	ng	-0.01
23) Nitrobenzene-d5	7.28	82	927563	104.51	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	213453	92.51	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1442389	106.29	ng	0.00
78) Terphenyl-d14	12.81	244	1349338	102.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	16476	2.369	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	125502	17.435	ng	# 77
25) Isophorone	7.28	82	922124	60.443	ng	# 64
49) Dimethylphthalate	9.47	163	104401	6.870	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	27126	6.155	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12662	3.084	ng	# 1

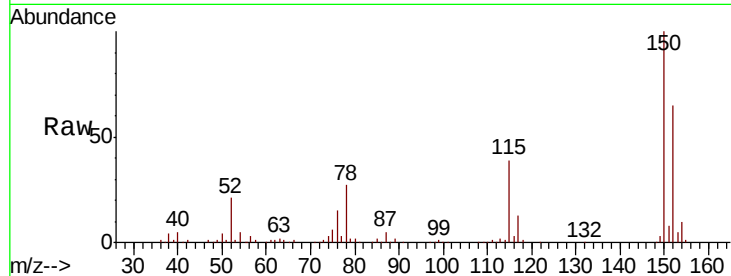
(#) = qualifier out of range (m) = manual integration (+) = signals summed



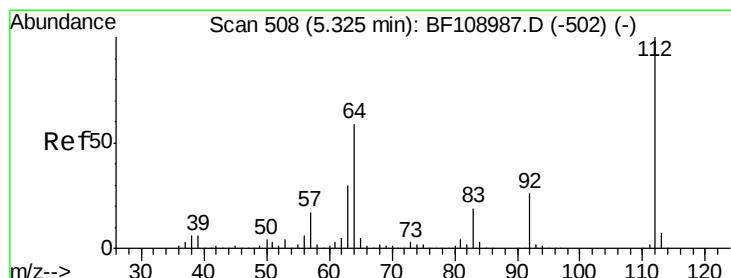
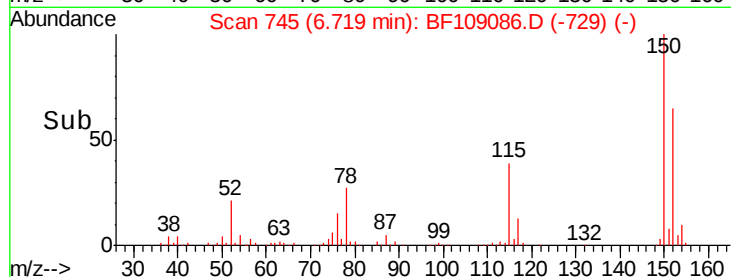
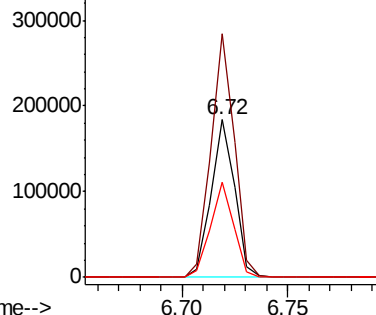
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 140271
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 60.2 50.1 75.1

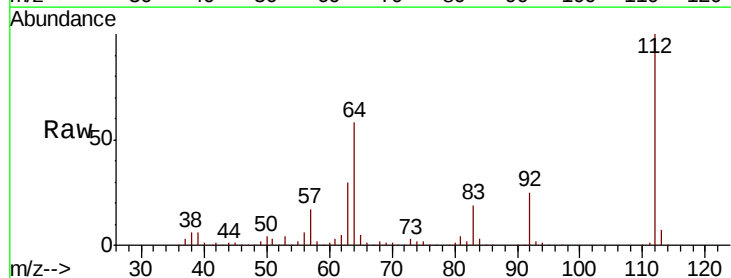


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

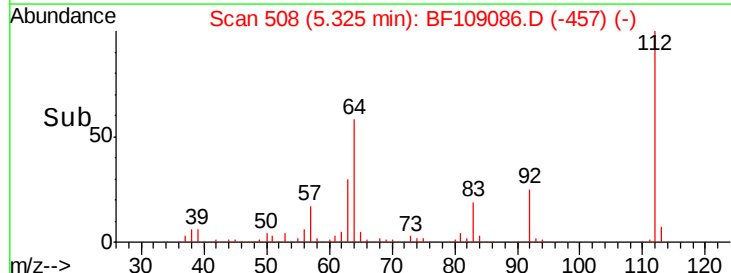
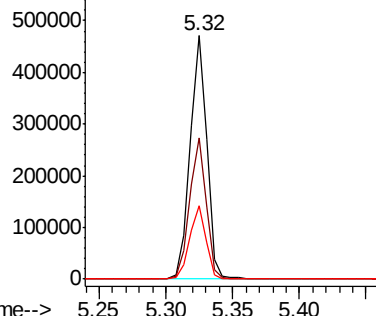


#5
 2-Fluorophenol
 Concen: 49.763 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Tgt Ion:112 Resp: 420276
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.9 71.9
 63 30.0 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: 31.616 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109086.D

Acq: 18 Sep 2018 9:28

Instrument :

BNA_F

ClientSampleId :

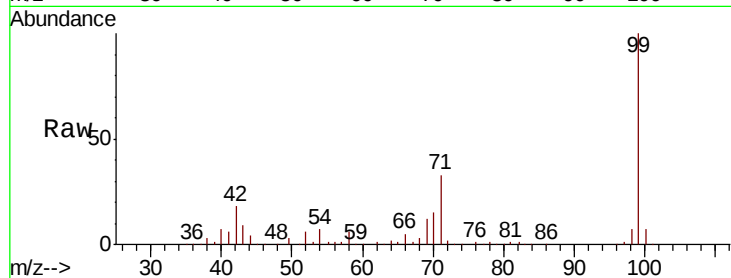
Tot Ion: 99 Resp: 344305

Ion Ratio Lower Upper

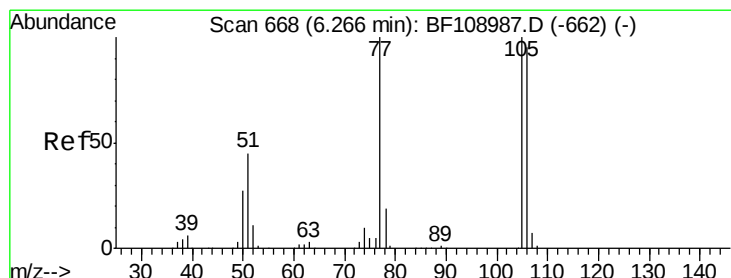
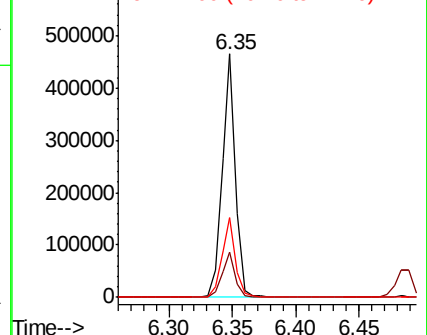
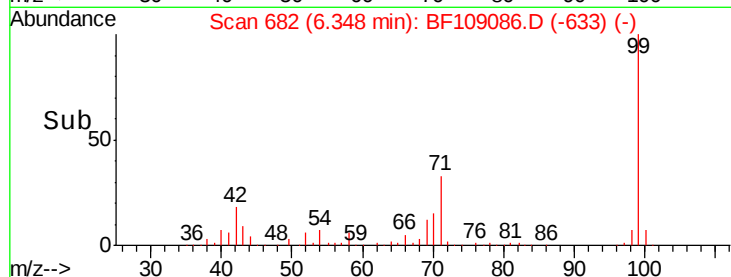
99 100

42 18.5 14.5 21.7

71 32.8 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



#9

Benzaldehyde

Concen: 2.369 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109086.D

Acq: 18 Sep 2018 9:28

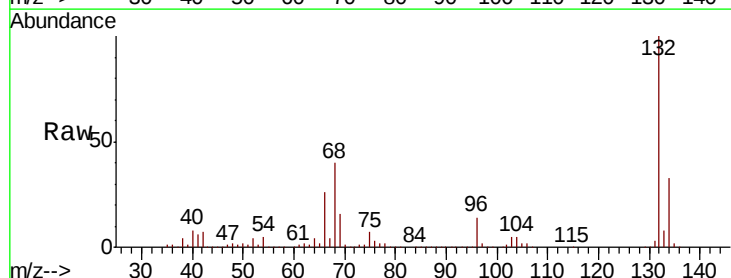
Tgt Ion: 77 Resp: 16476

Ion Ratio Lower Upper

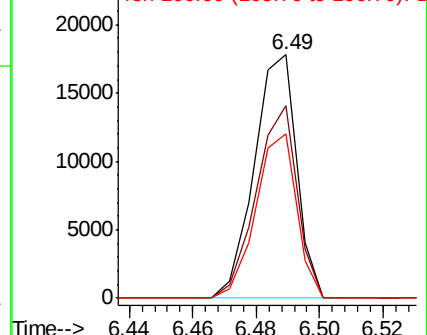
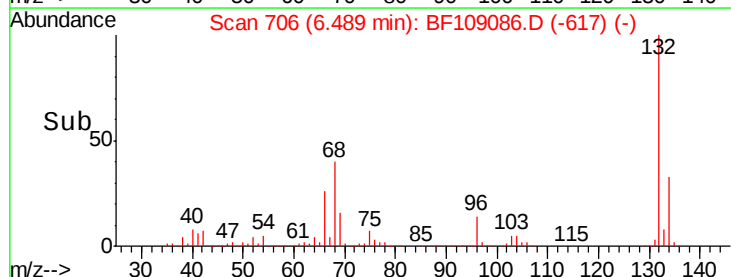
77 100

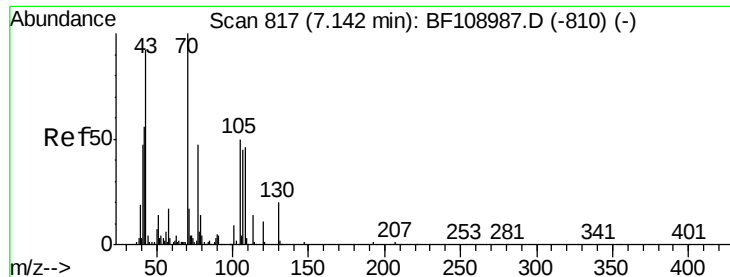
105 79.1 81.1 121.1#

106 67.2 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

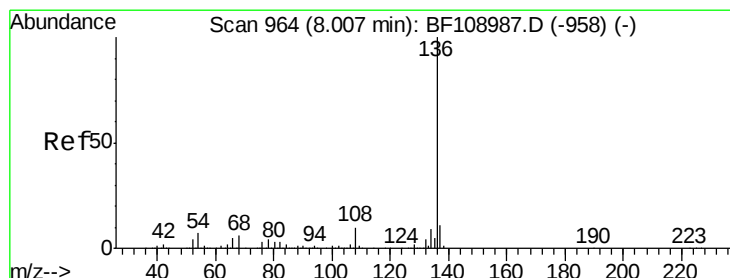
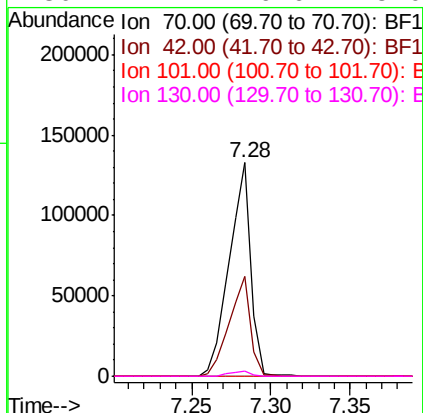
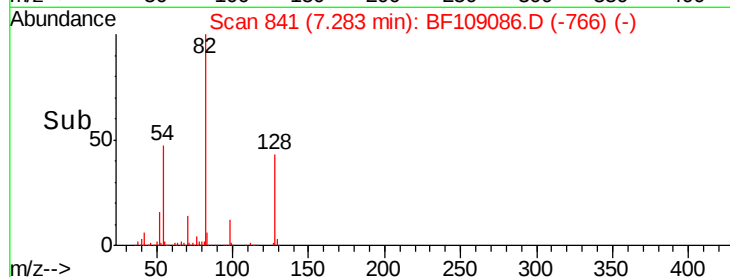
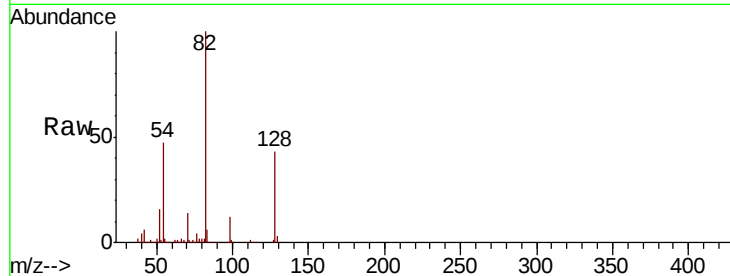




#19
n-Nitroso-di-n-propylamine
Concen: 17.435 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109086.D
Acq: 18 Sep 2018 9:28

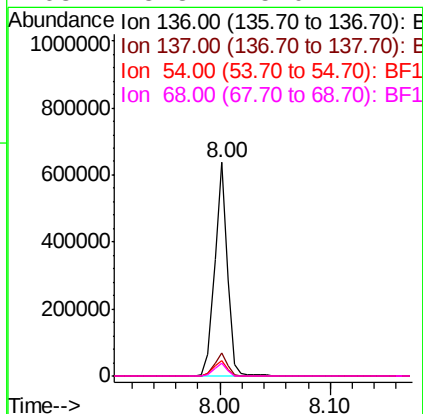
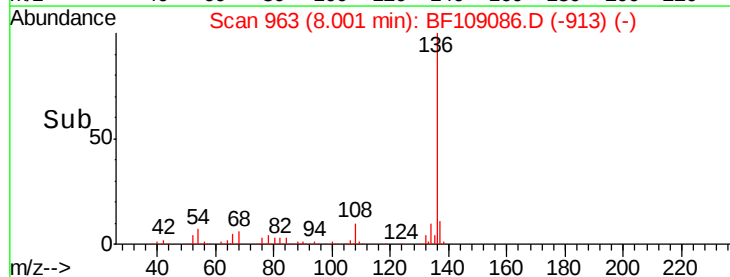
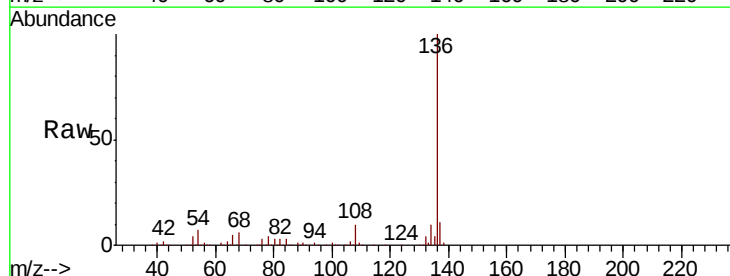
Instrument :
BNA_F
ClientSampleId :

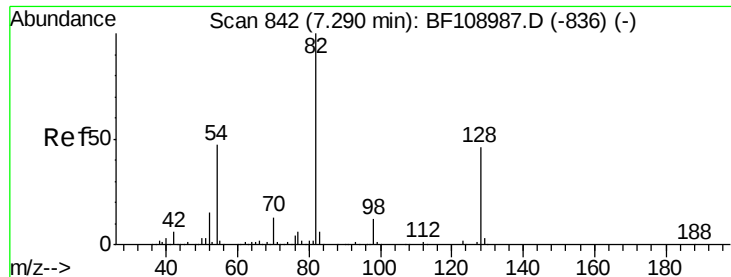
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109086.D
Acq: 18 Sep 2018 9:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4

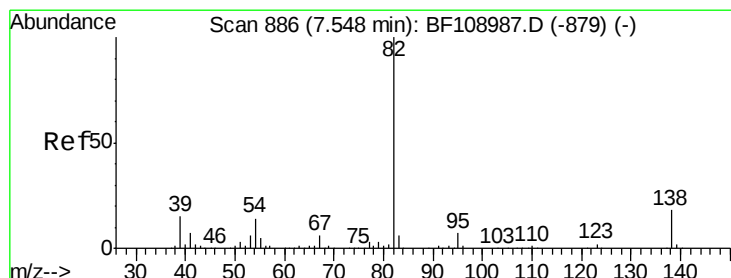
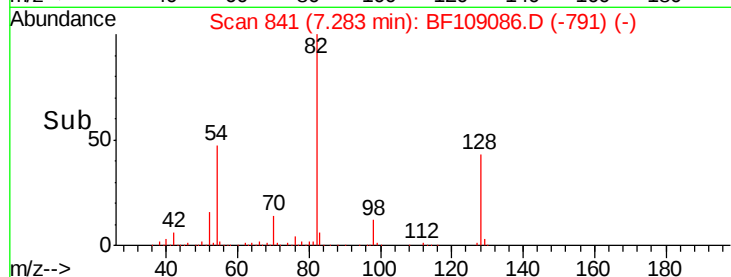
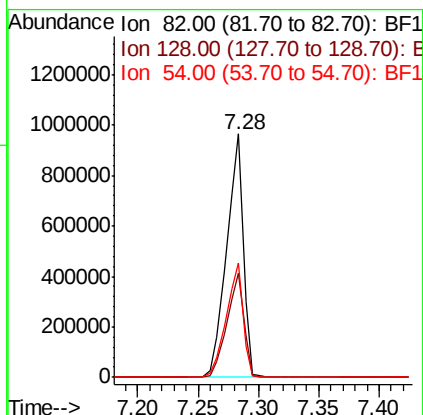
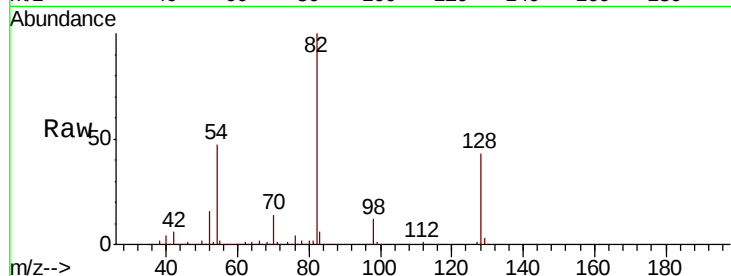




#23
Nitrobenzene-d5
Concen: 104.512 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109086.D
Acq: 18 Sep 2018 9:28

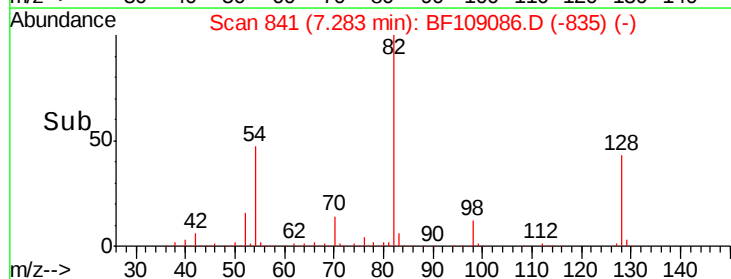
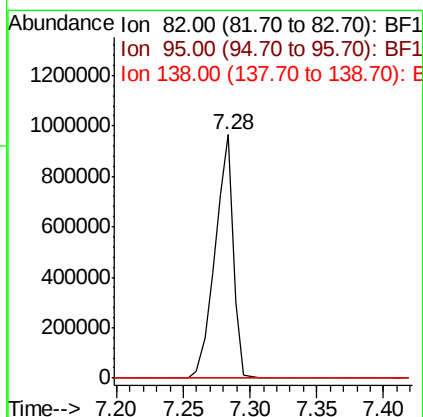
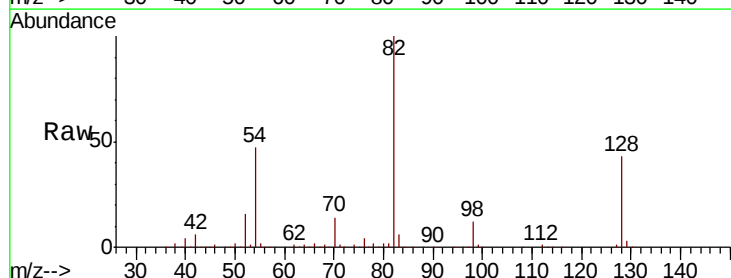
Instrument :
BNA_F
ClientSampleId :

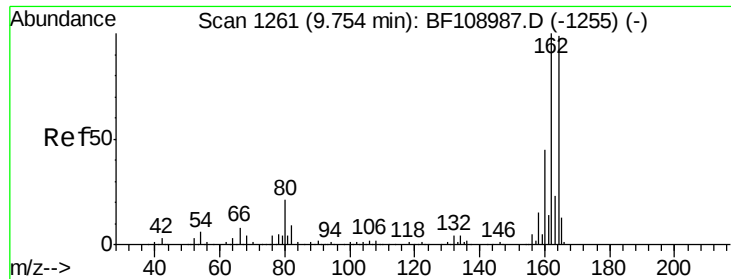
Tot Ion	82	Resp	927563
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	47.0	41.4	62.2



#25
Isophorone
Concen: 60.443 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109086.D
Acq: 18 Sep 2018 9:28

Tgt Ion	82	Resp	922124
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

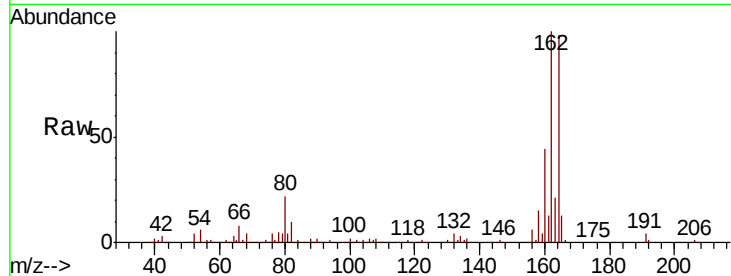




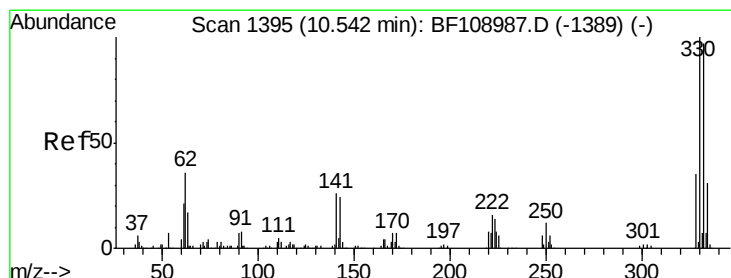
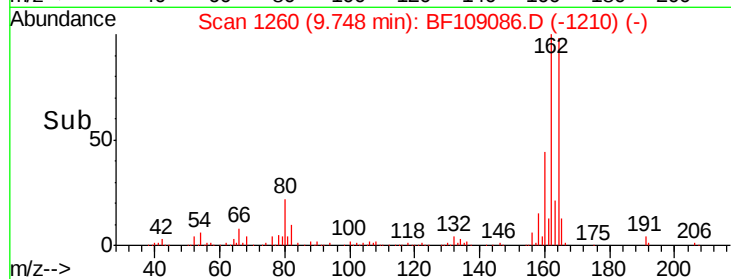
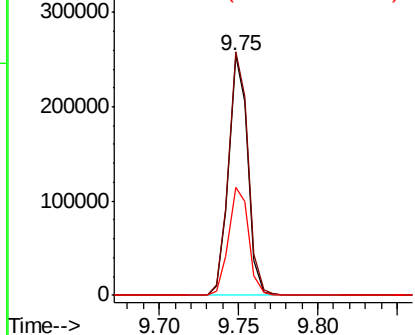
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.2	38.3	57.5

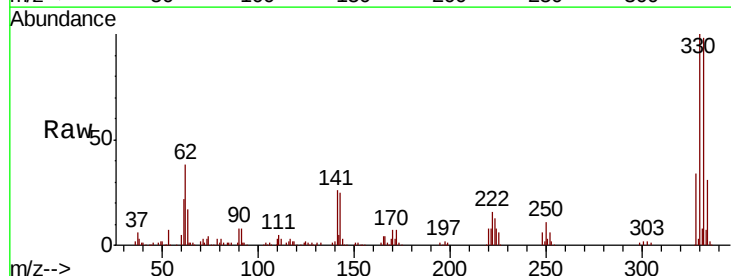


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

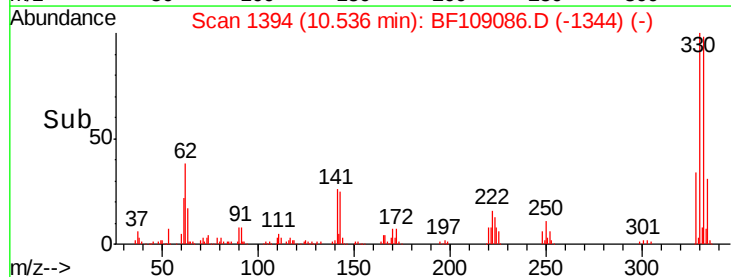
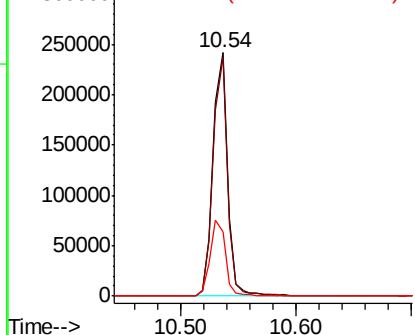


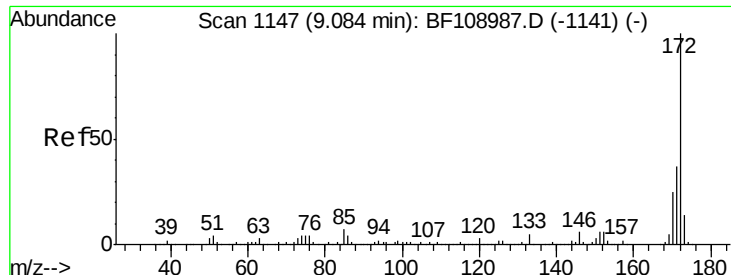
#41
 2,4,6-Tribromophenol
 Concen: 92.509 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.5	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

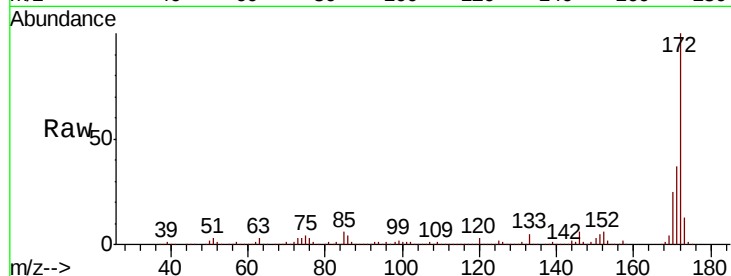




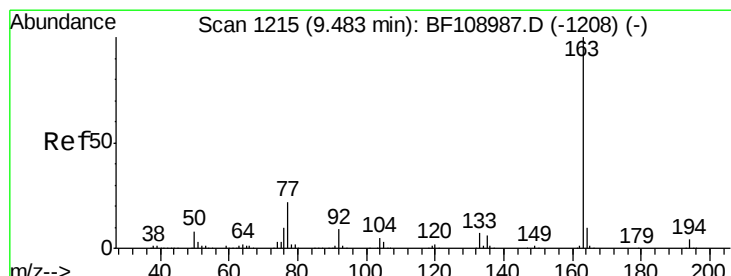
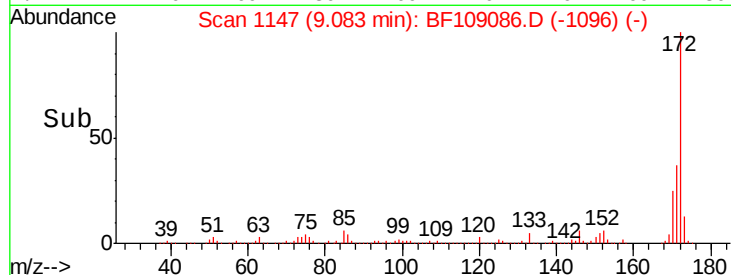
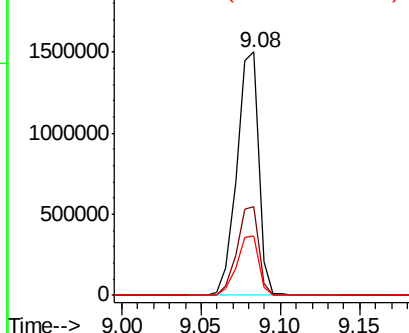
#44
2-Fluorobiphenyl
Concen: 106.291 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109086.D
Acq: 18 Sep 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1442389
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.6 29.4

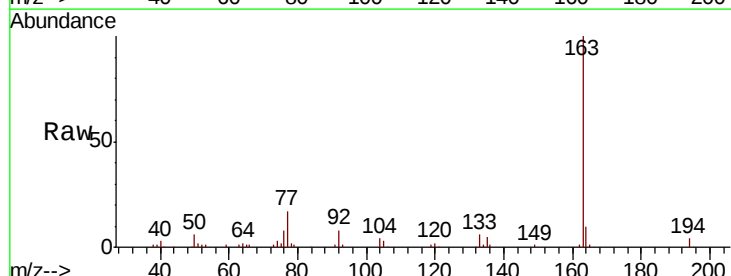


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

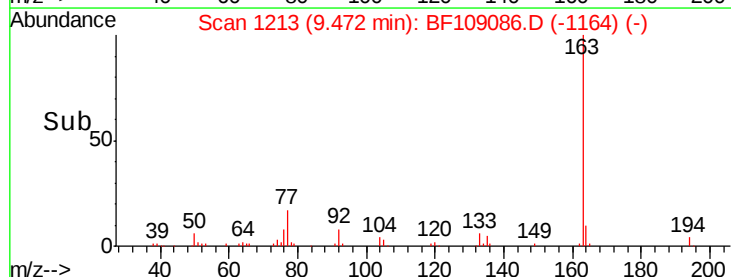
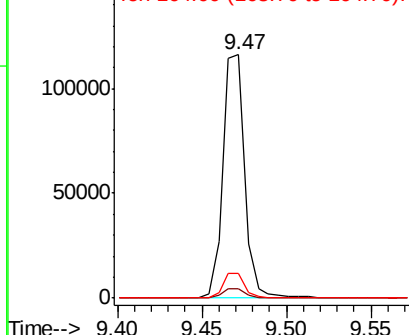


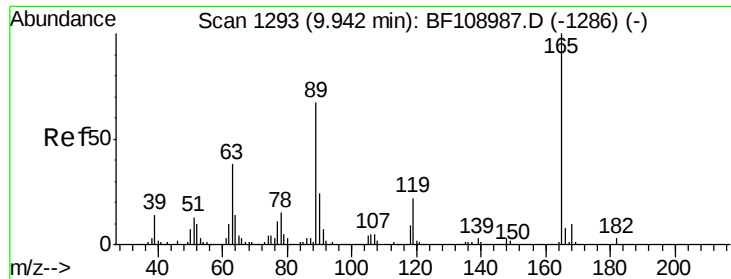
#49
Dimethylphthalate
Concen: 6.870 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109086.D
Acq: 18 Sep 2018 9:28

Tgt Ion:163 Resp: 104401
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 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

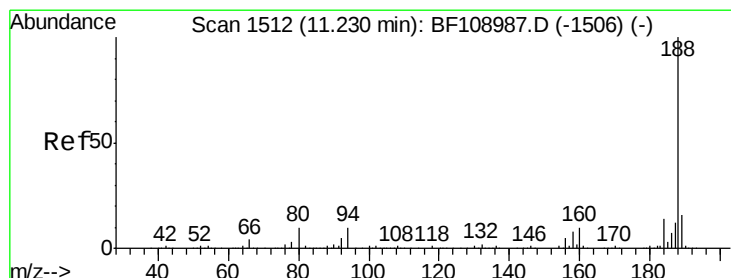
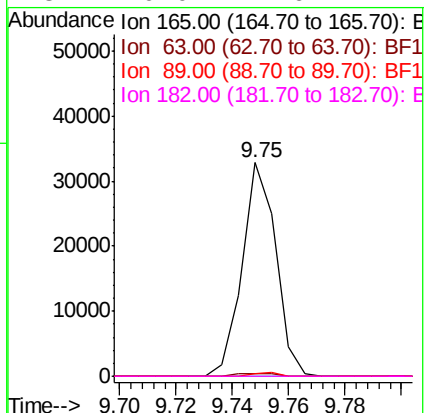
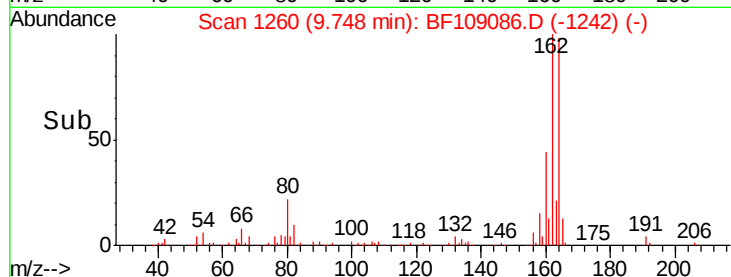
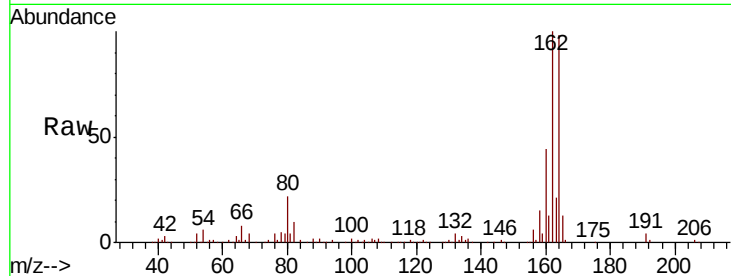




#56
 2,4-Dinitrotoluene
 Concen: 6.155 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

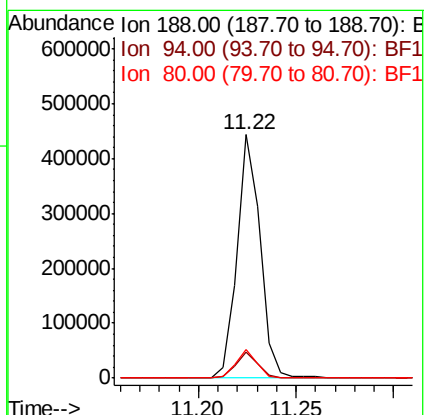
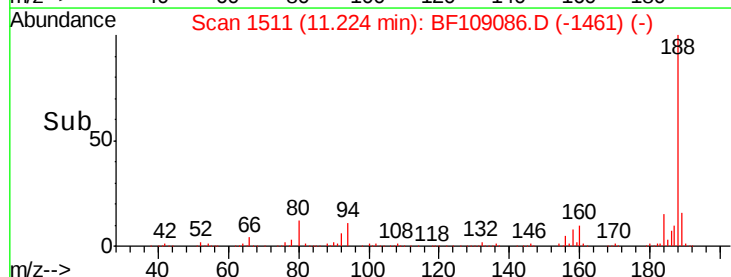
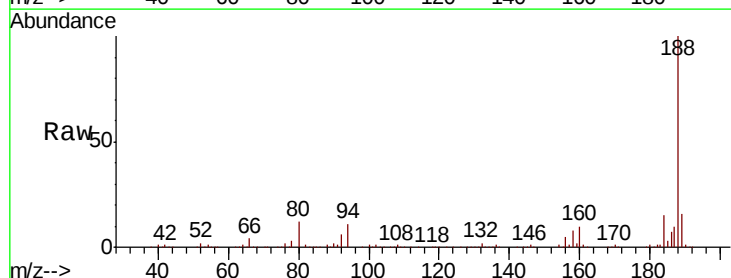
Instrument :
 BNA_F
 ClientSampled :

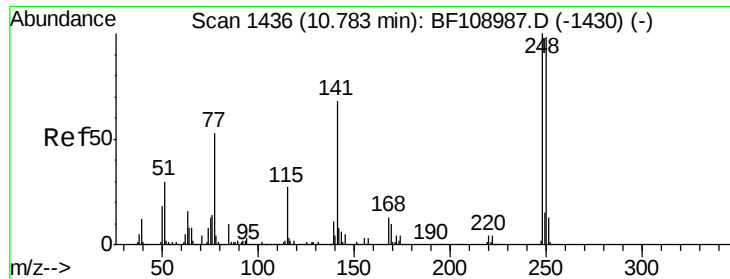
Tot Ion:165	Resp:	27126
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Tgt Ion:188	Resp:	364135
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.5 12.7
80	11.6	9.2 13.8

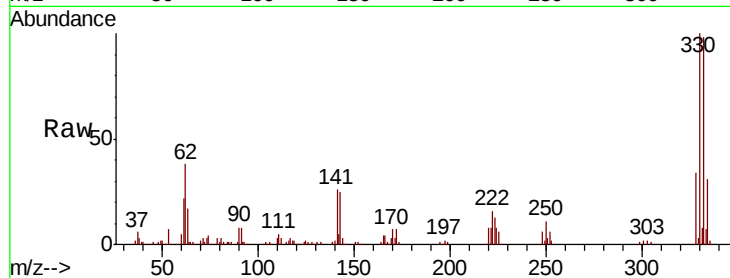




#66
 4-Bromophenyl-phenylether
 Concen: 3.084 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.4	76.9	115.3#
141	452.4	74.4	111.6#

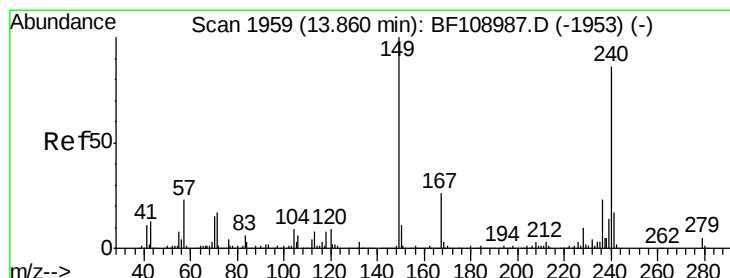
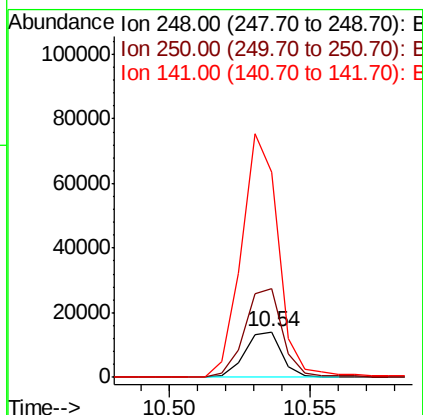
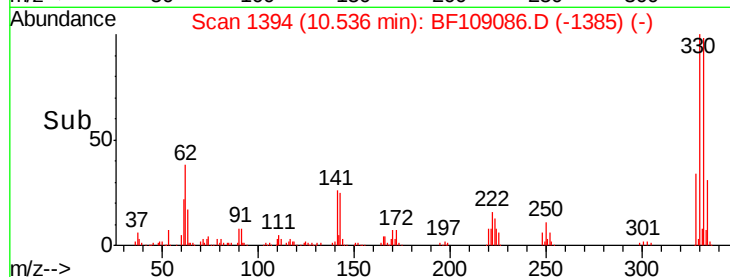


Abundance

Ion 248.00 (247.70 to 248.70): E

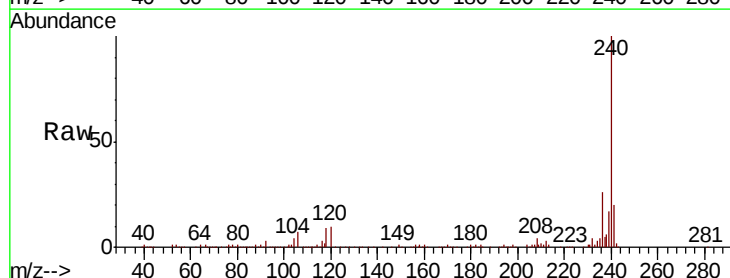
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.0	20.7	31.1

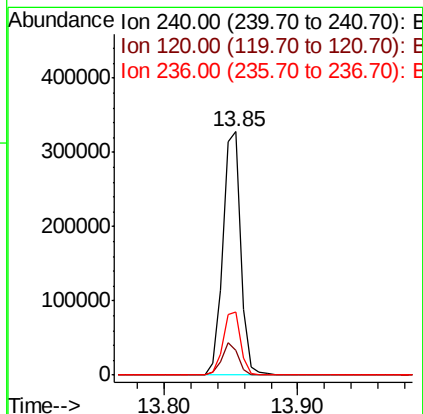
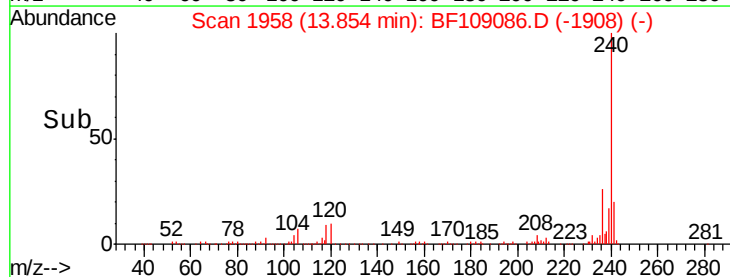


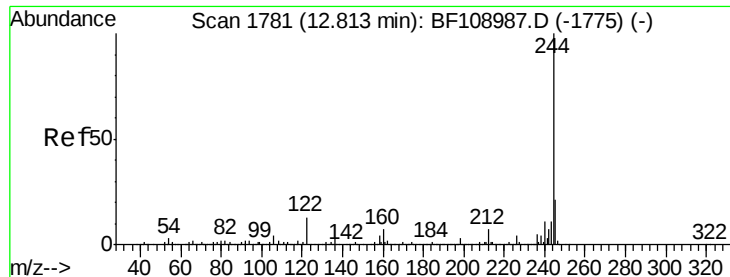
Abundance

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

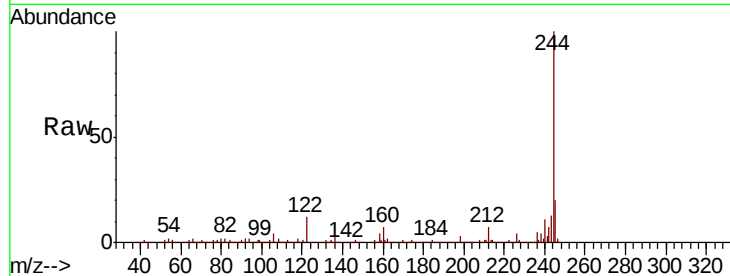




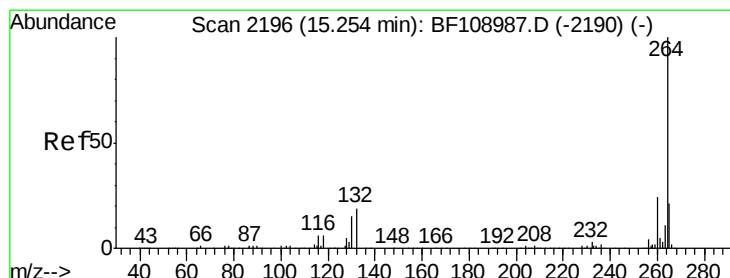
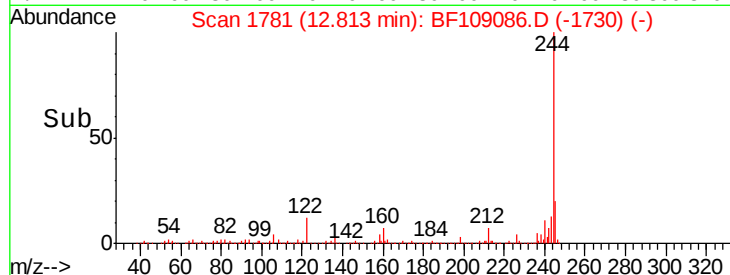
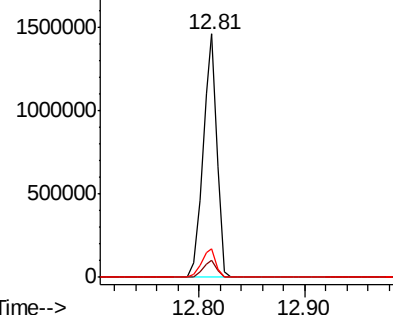
#78
 Terphenyl-d14
 Concen: 102.629 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1349338
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.6 11.0 16.4

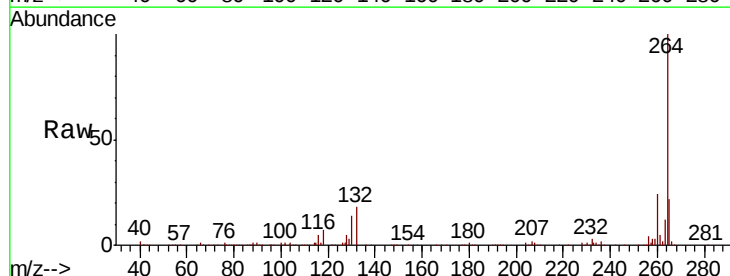


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109086.D
 Acq: 18 Sep 2018 9:28

Tgt Ion:264 Resp: 260588
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

