

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109137.D
 Acq On : 19 Sep 2018 10:31
 Operator : JU/SJ
 Sample : J4931-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 11:42:19 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	121177	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	407402	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162559	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	291535	20.00	ng	0.00
75) Chrysene-d12	13.85	240	336331	20.00	ng	0.00
86) Perylene-d12	15.26	264	274830	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	329108	45.11	ng	0.00
7) Phenol-d6	6.35	99	258168	27.44	ng	-0.01
23) Nitrobenzene-d5	7.28	82	732333	100.82	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	164755	93.39	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1153633	111.19	ng	0.00
78) Terphenyl-d14	12.81	244	1194690	84.19	ng	0.00

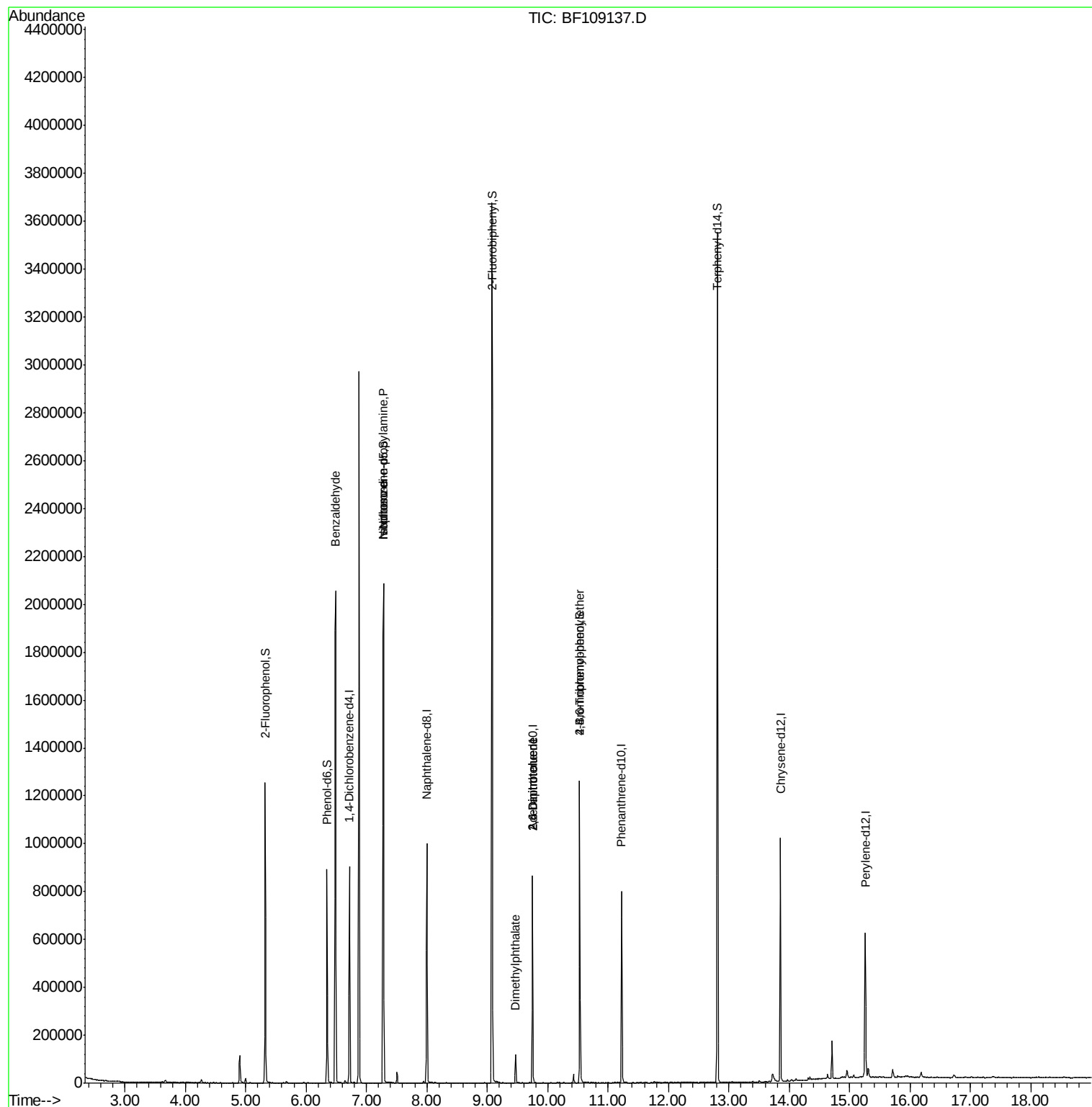
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	12938	2.153	ng	# 79
19) n-Nitroso-di-n-propylamine	7.28	70	98413	15.826	ng	# 76
25) Isophorone	7.28	82	727852	58.294	ng	# 64
49) Dimethylphthalate	9.47	163	51418	4.425	ng	100
50) 2,6-Dinitrotoluene	9.75	165	21049	8.169	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	21049	6.247	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9937	3.023	ng	# 1

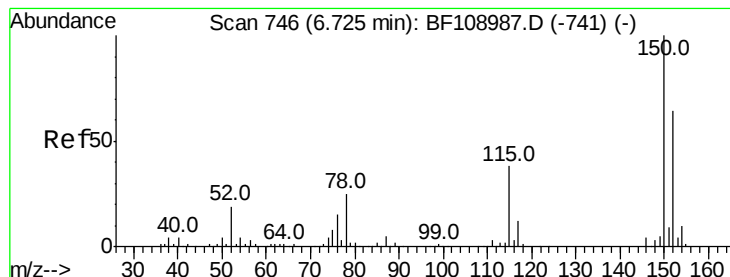
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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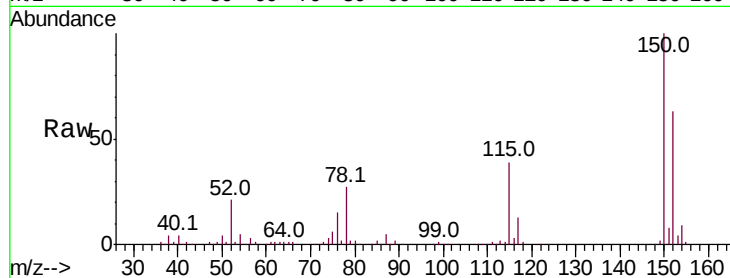


#1

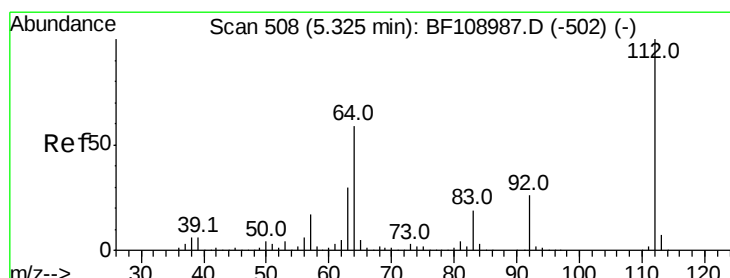
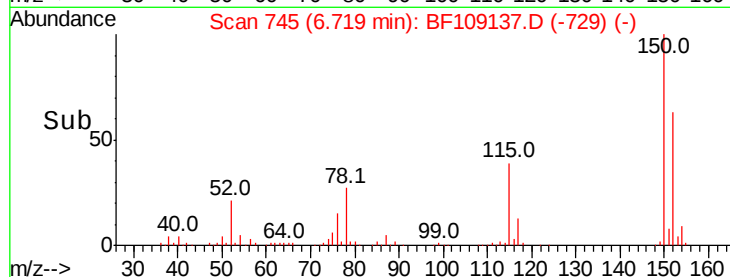
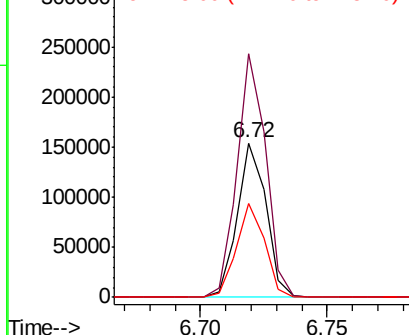
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121177
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.2 50.1 75.1



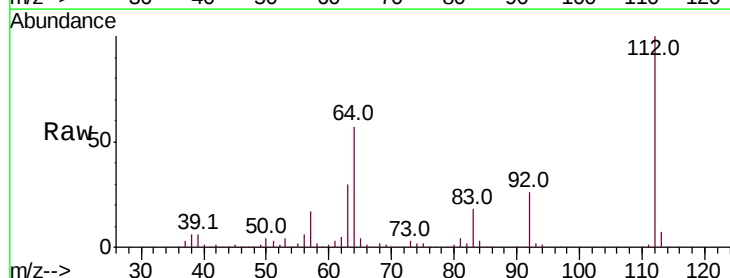
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



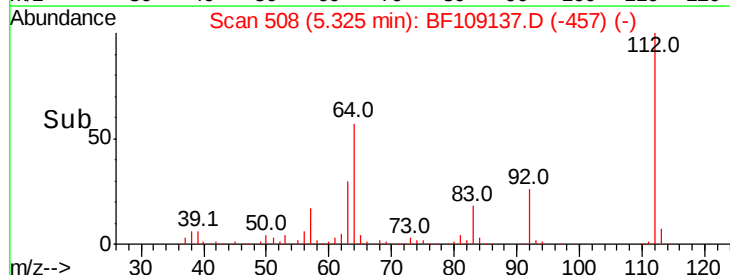
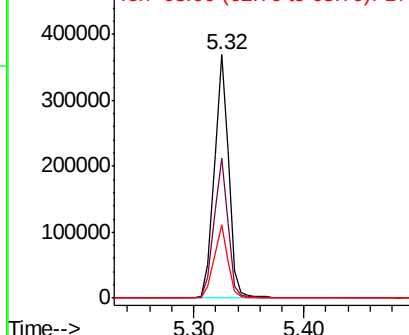
#5

2-Fluorophenol
Concen: 45.108 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

Tgt Ion:112 Resp: 329108
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 30.2 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: 27.442 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109137.D

Acq: 19 Sep 2018 10:31

Instrument :

BNA_F

ClientSampled :

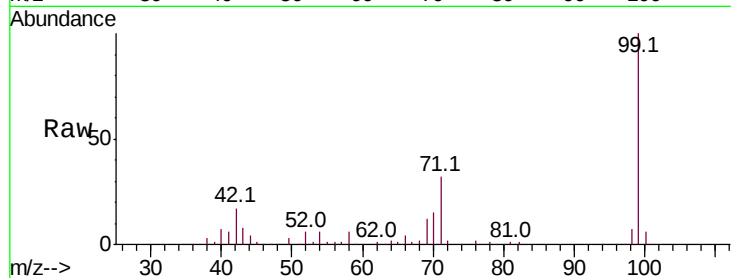
Tot Ion: 99 Resp: 258168

Ion Ratio Lower Upper

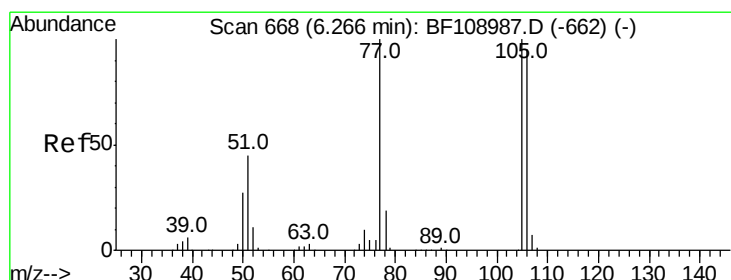
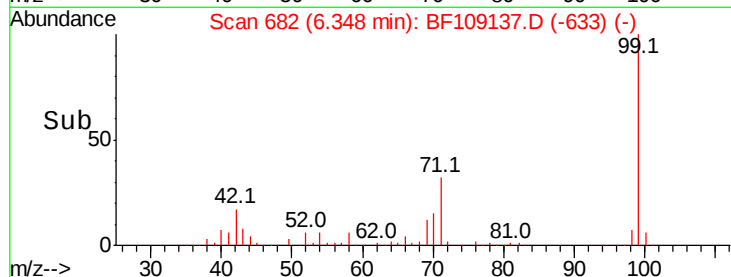
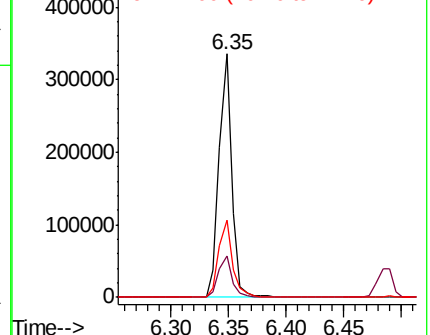
99 100

42 17.2 14.5 21.7

71 31.9 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



#9

Benzaldehyde

Concen: 2.153 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109137.D

Acq: 19 Sep 2018 10:31

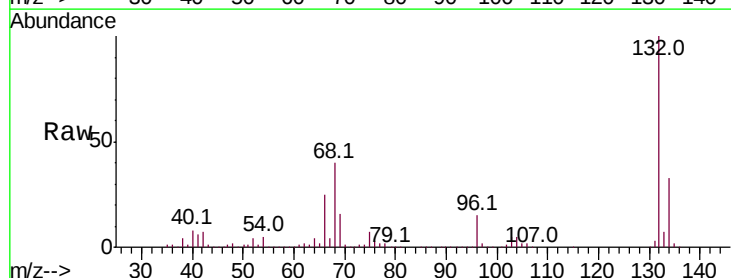
Tgt Ion: 77 Resp: 12938

Ion Ratio Lower Upper

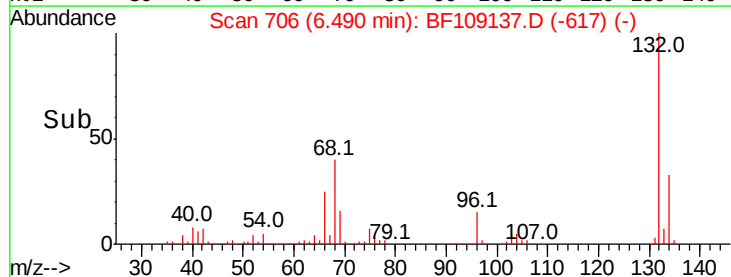
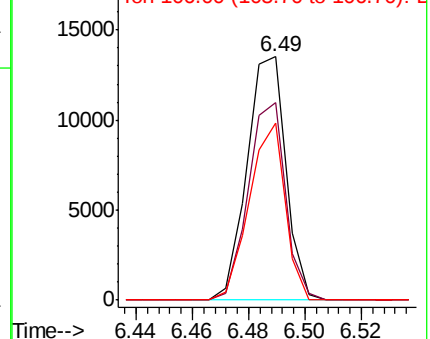
77 100

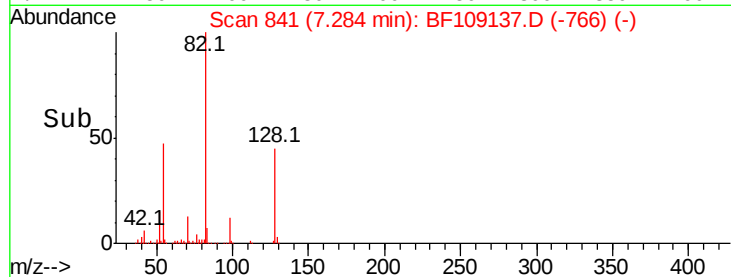
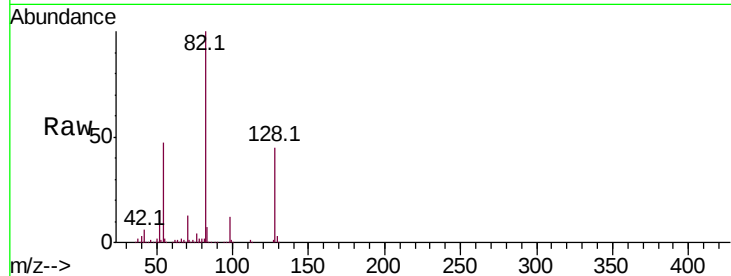
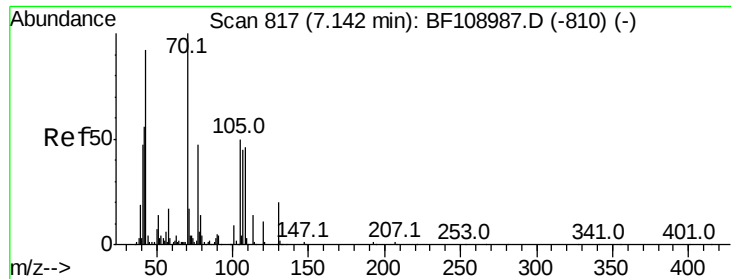
105 81.1 81.1 121.1

106 72.8 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

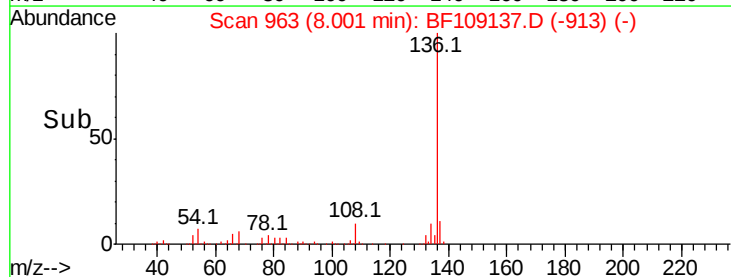
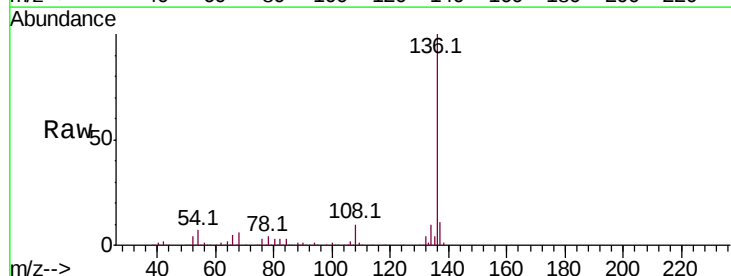
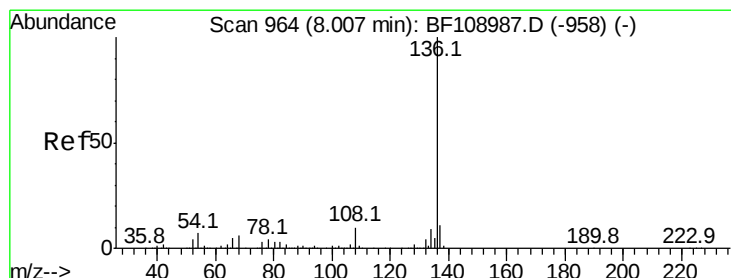
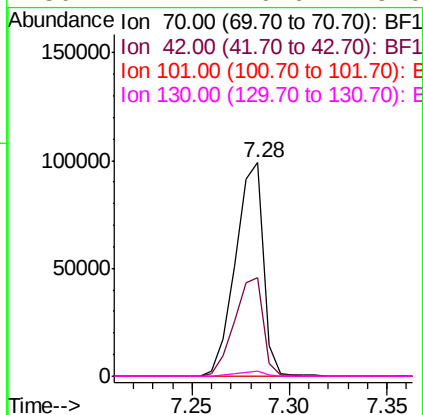




#19
n-Nitroso-di-n-propylamine
Concen: 15.826 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

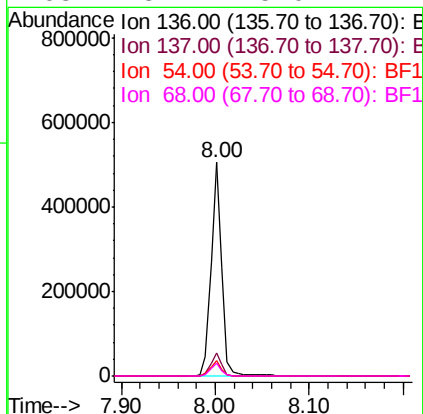
Instrument :
BNA_F
ClientSampleId :

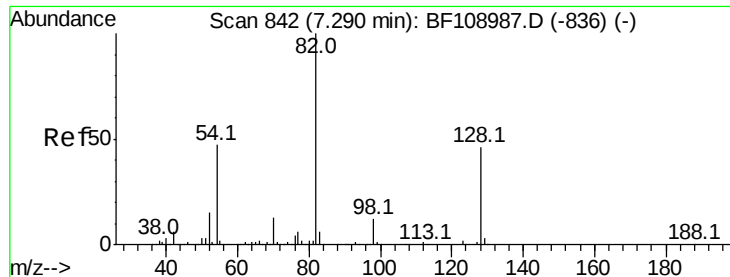
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4

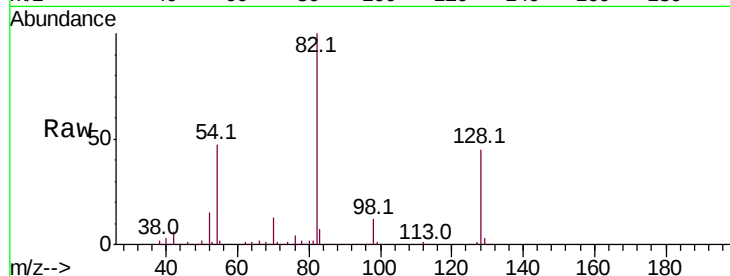




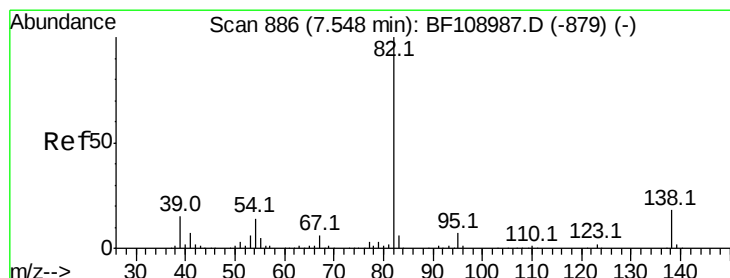
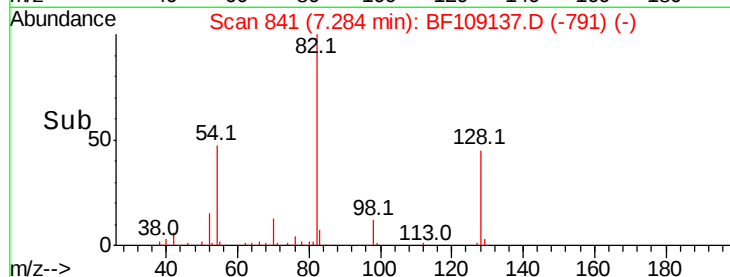
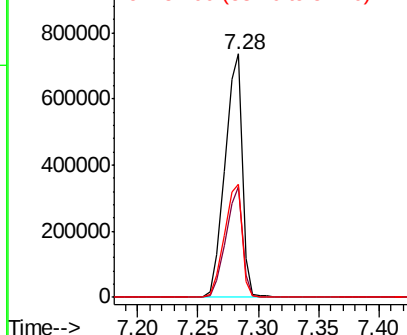
#23
Nitrobenzene-d5
Concen: 100.822 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 732333
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 46.7 41.4 62.2

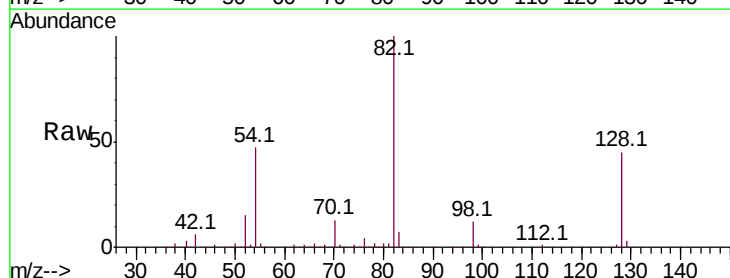


Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

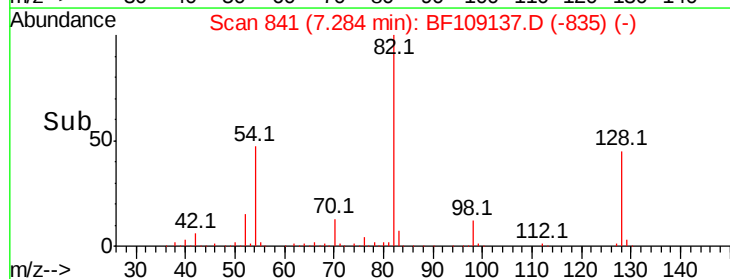
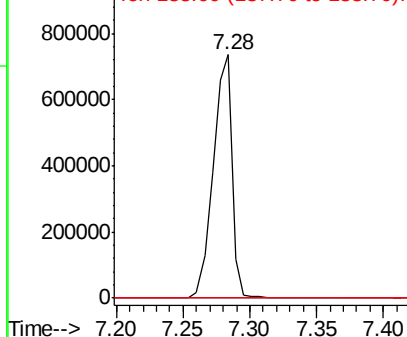


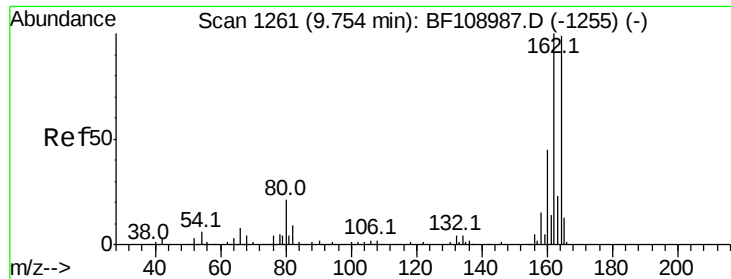
#25
Isophorone
Concen: 58.294 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

Tgt Ion: 82 Resp: 727852
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
1000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

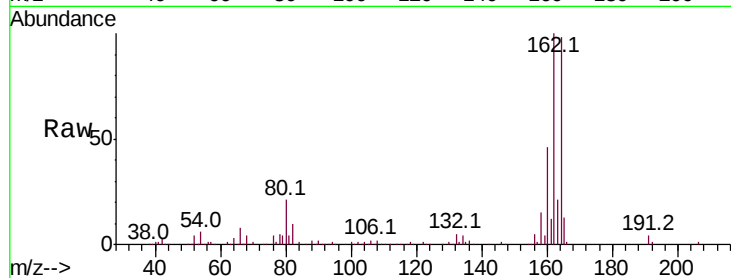




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.6	38.3	57.5

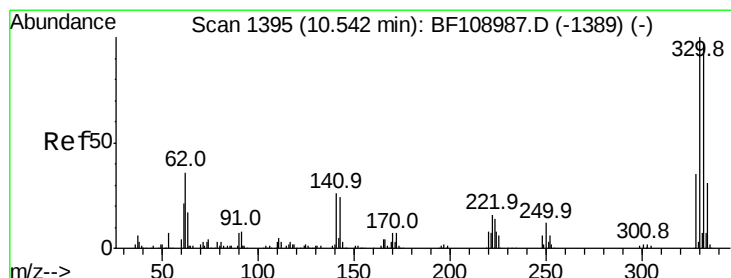
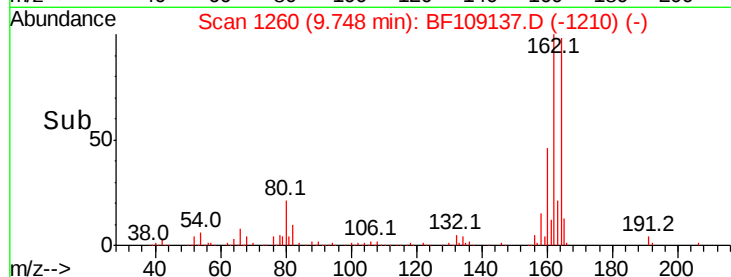
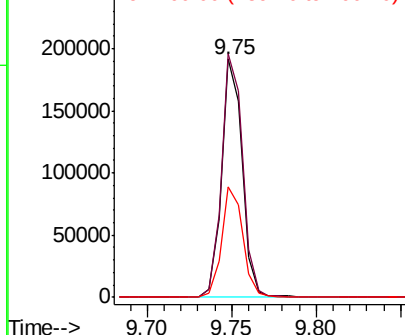


Abundance

Ion 164.00 (163.70 to 164.70): E

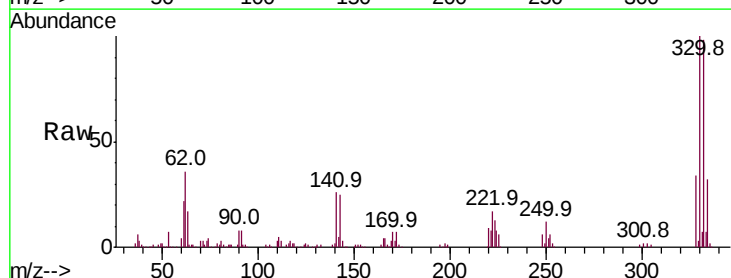
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 93.388 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	31.8	29.9	44.9

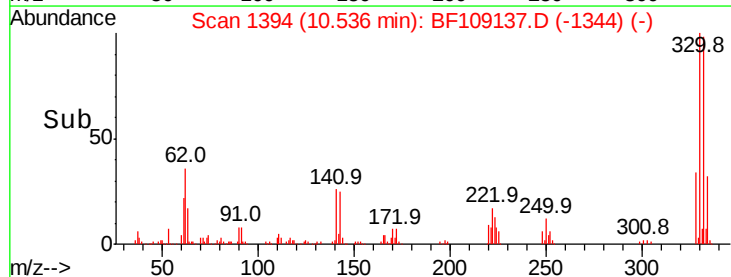
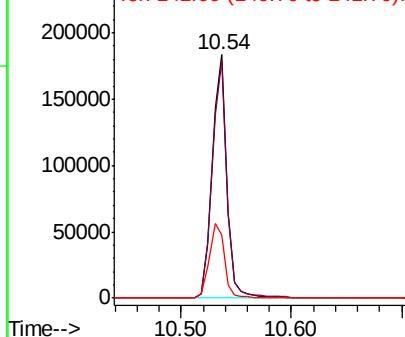


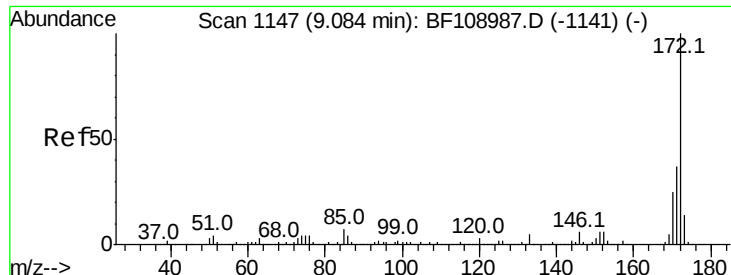
Abundance

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



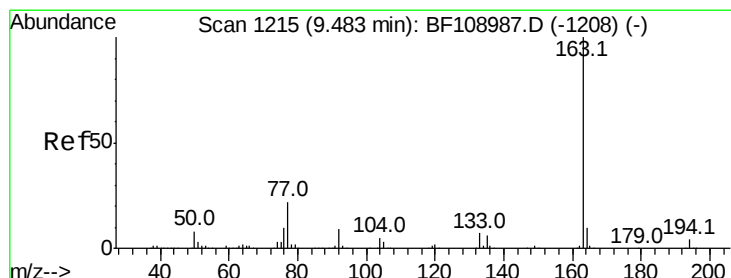
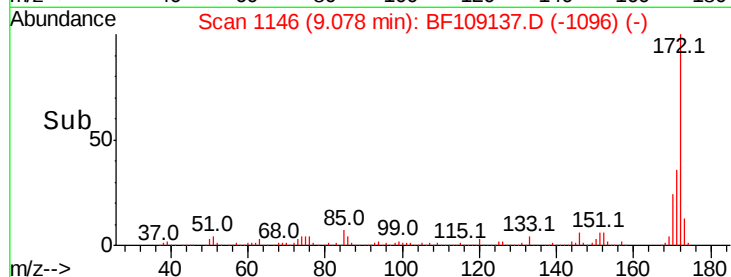
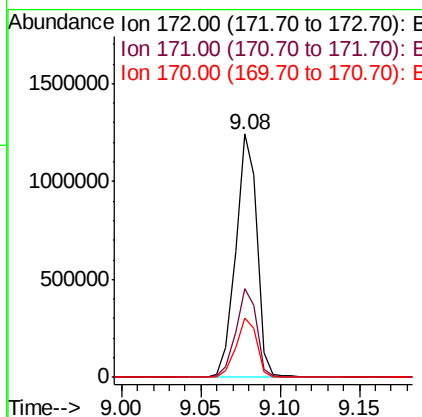
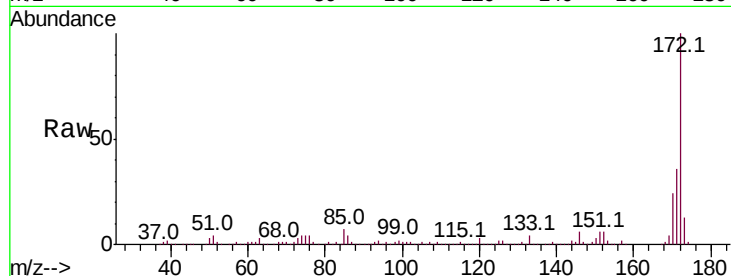


#44
 2-Fluorobiphenyl
 Concen: 111.186 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1153633

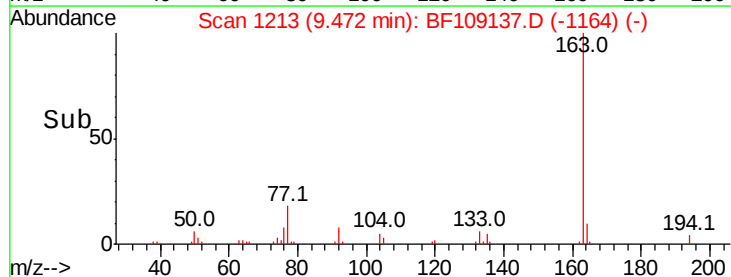
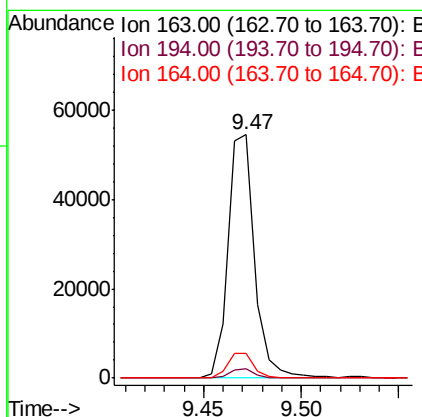
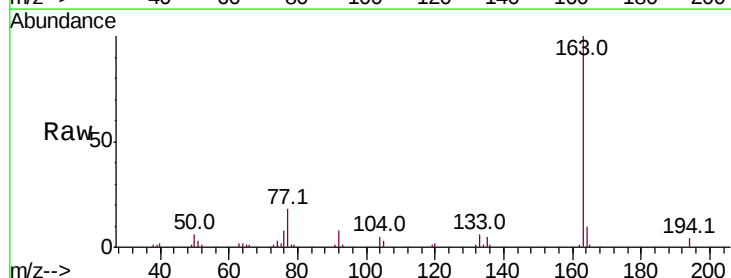
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

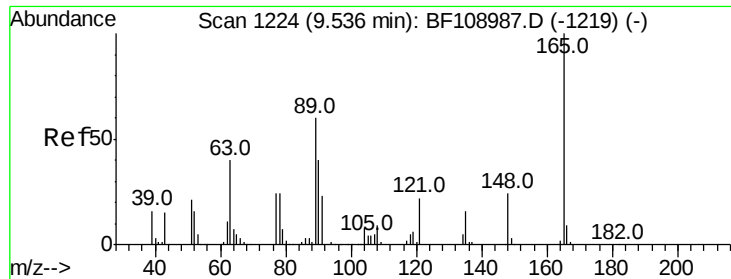


#49
 Dimethylphthalate
 Concen: 4.425 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

Tgt Ion:163 Resp: 51418

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2

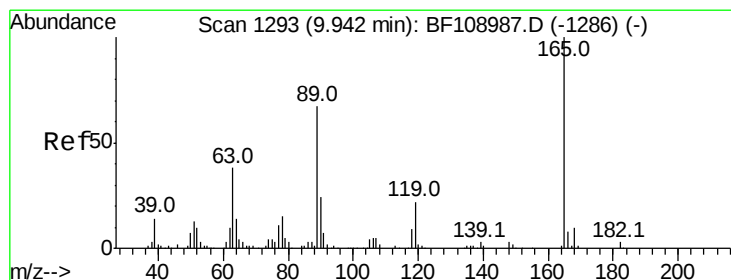
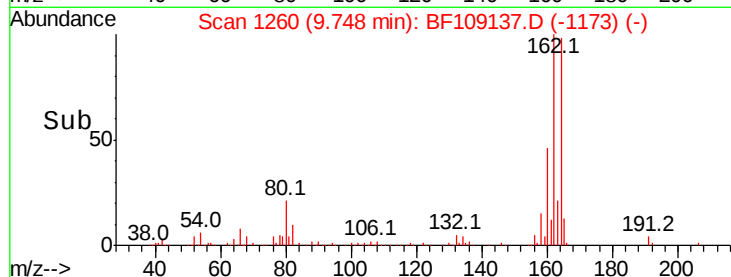
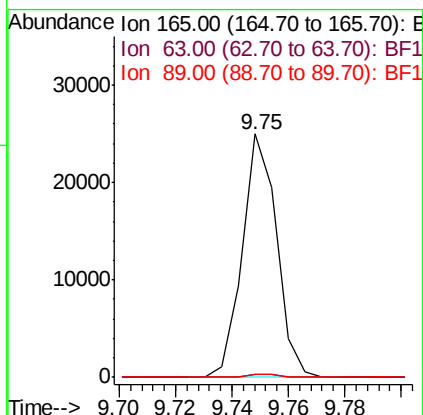
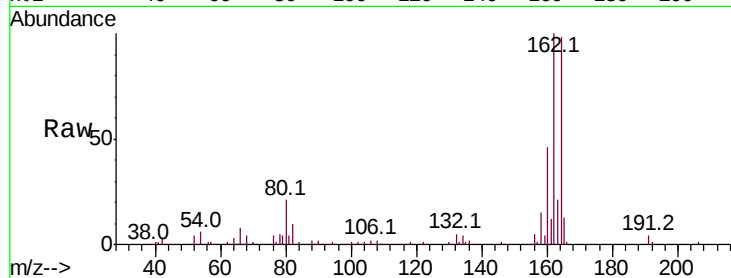




#50
 2,6-Dinitrotoluene
 Concen: 8.169 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

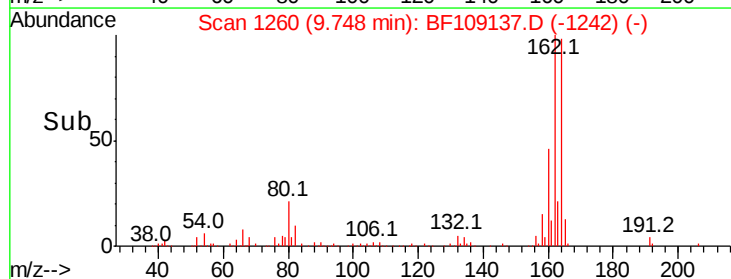
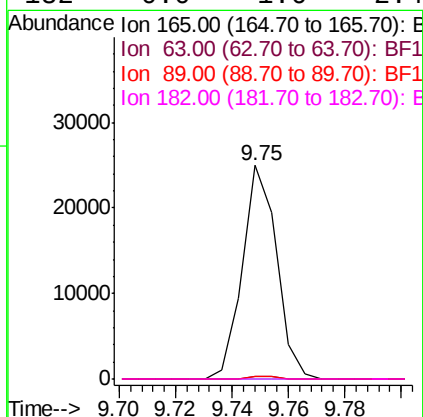
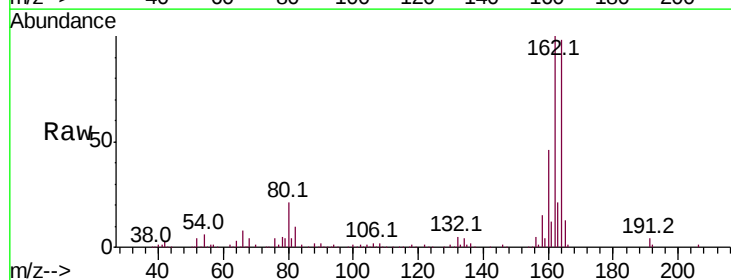
Instrument :
 BNA_F
 ClientSampleId :

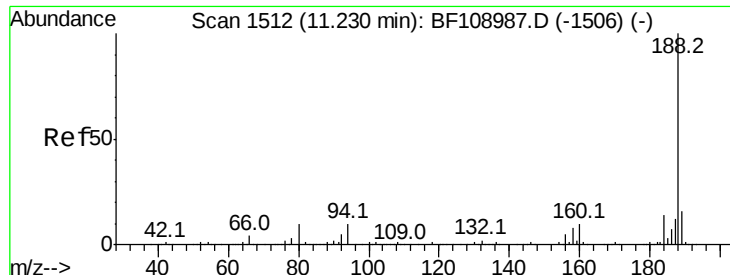
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.247 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

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#

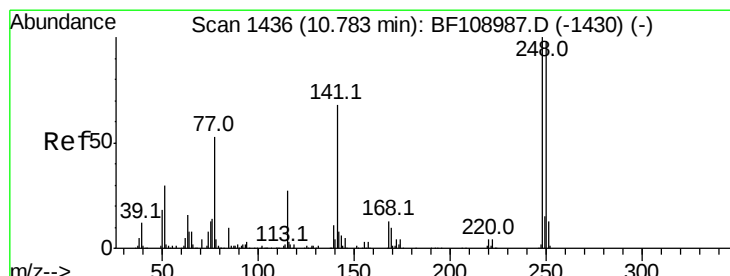
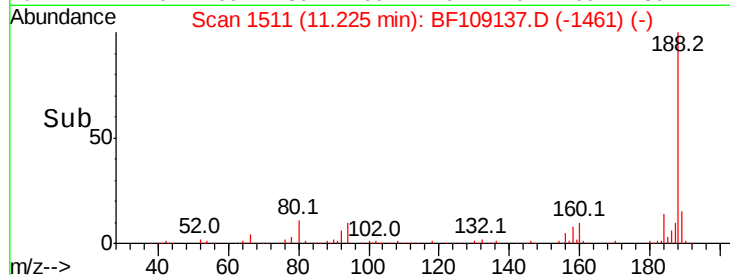
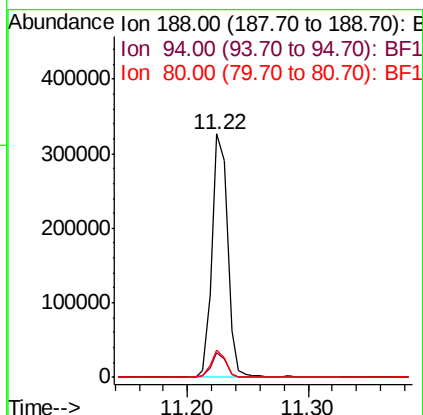
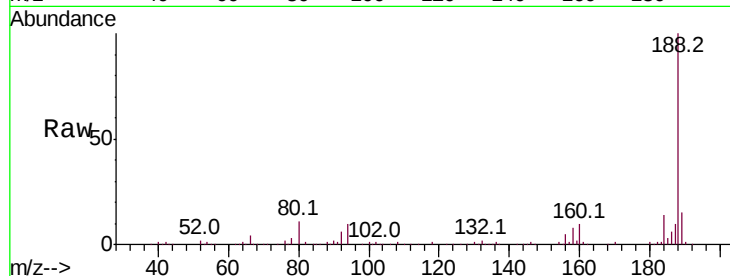




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

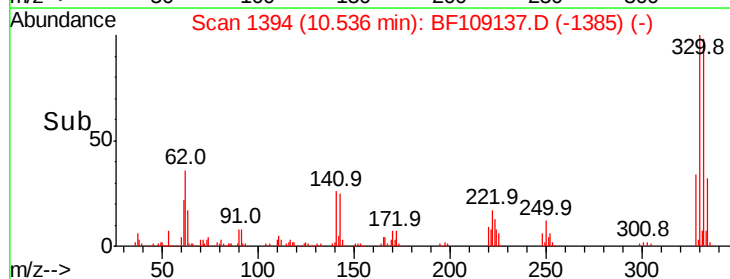
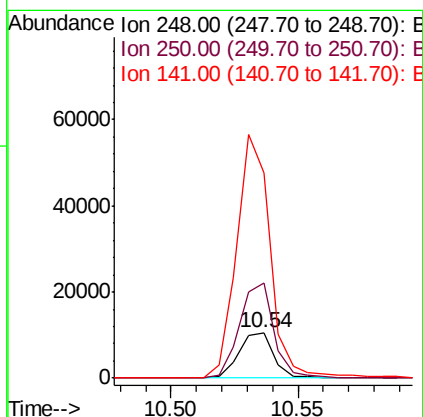
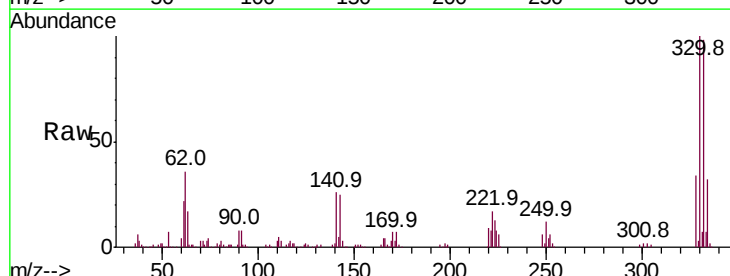
Instrument :
 BNA_F
 ClientSampleId :

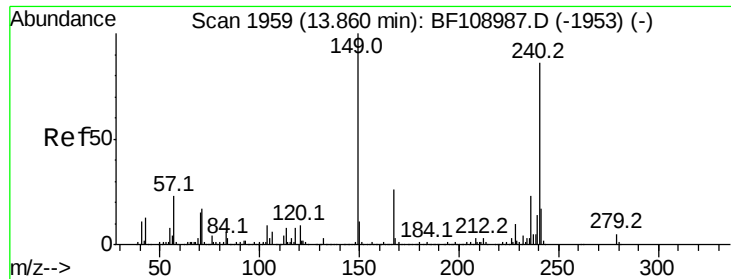
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.023 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109137.D
 Acq: 19 Sep 2018 10:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.3	76.9	115.3#
141	448.2	74.4	111.6#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109137.D

Acq: 19 Sep 2018 10:31

Instrument :

BNA_F

ClientSampled :

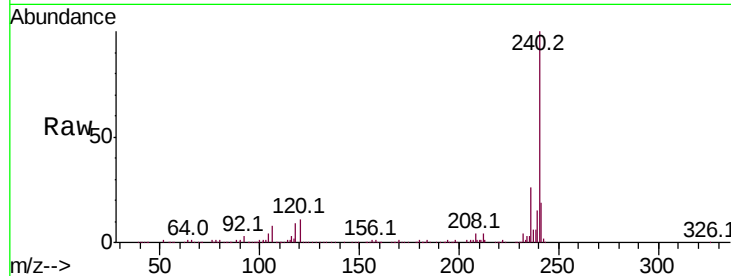
Tot Ion:240 Resp: 336331

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

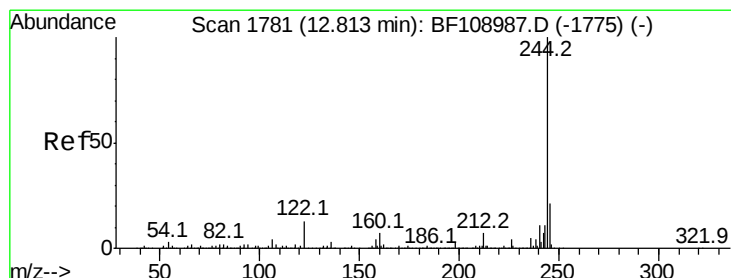
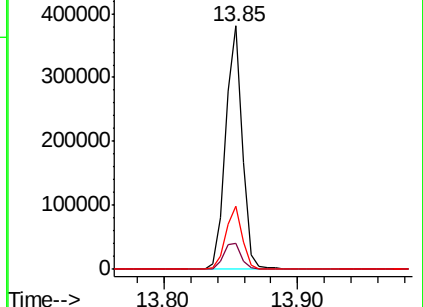
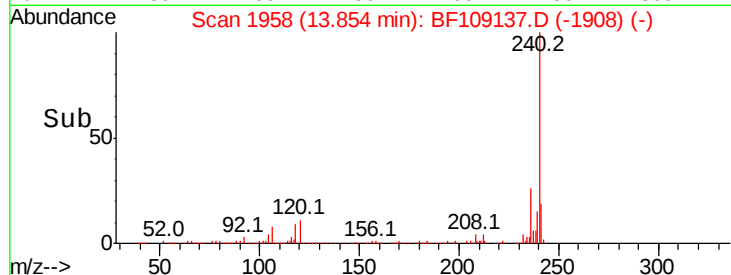
236 25.7 20.7 31.1



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: 84.195 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109137.D

Acq: 19 Sep 2018 10:31

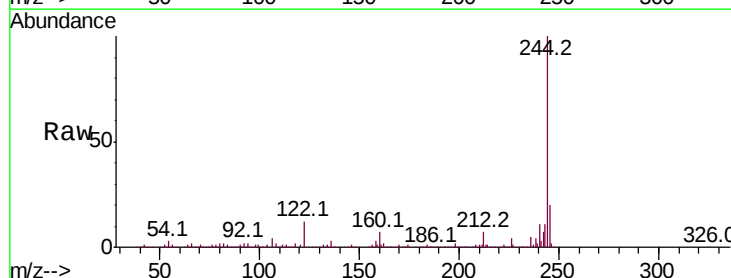
Tgt Ion:244 Resp: 1194690

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

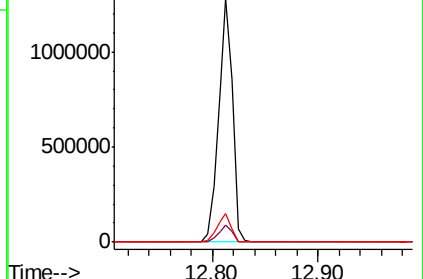
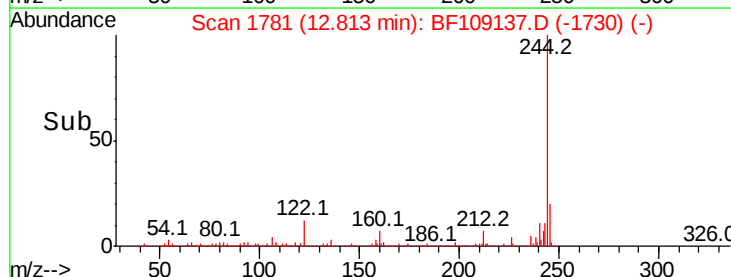
122 11.8 11.0 16.4

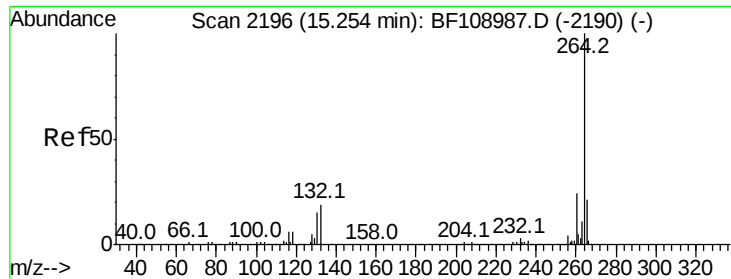


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

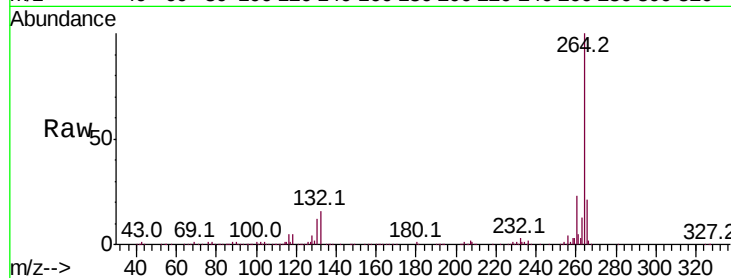




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109137.D
Acq: 19 Sep 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	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

