

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097711.D
 Acq On : 16 Aug 2017 00:44
 Operator : SJ/JU
 Sample : I4760-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 16 03:57:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

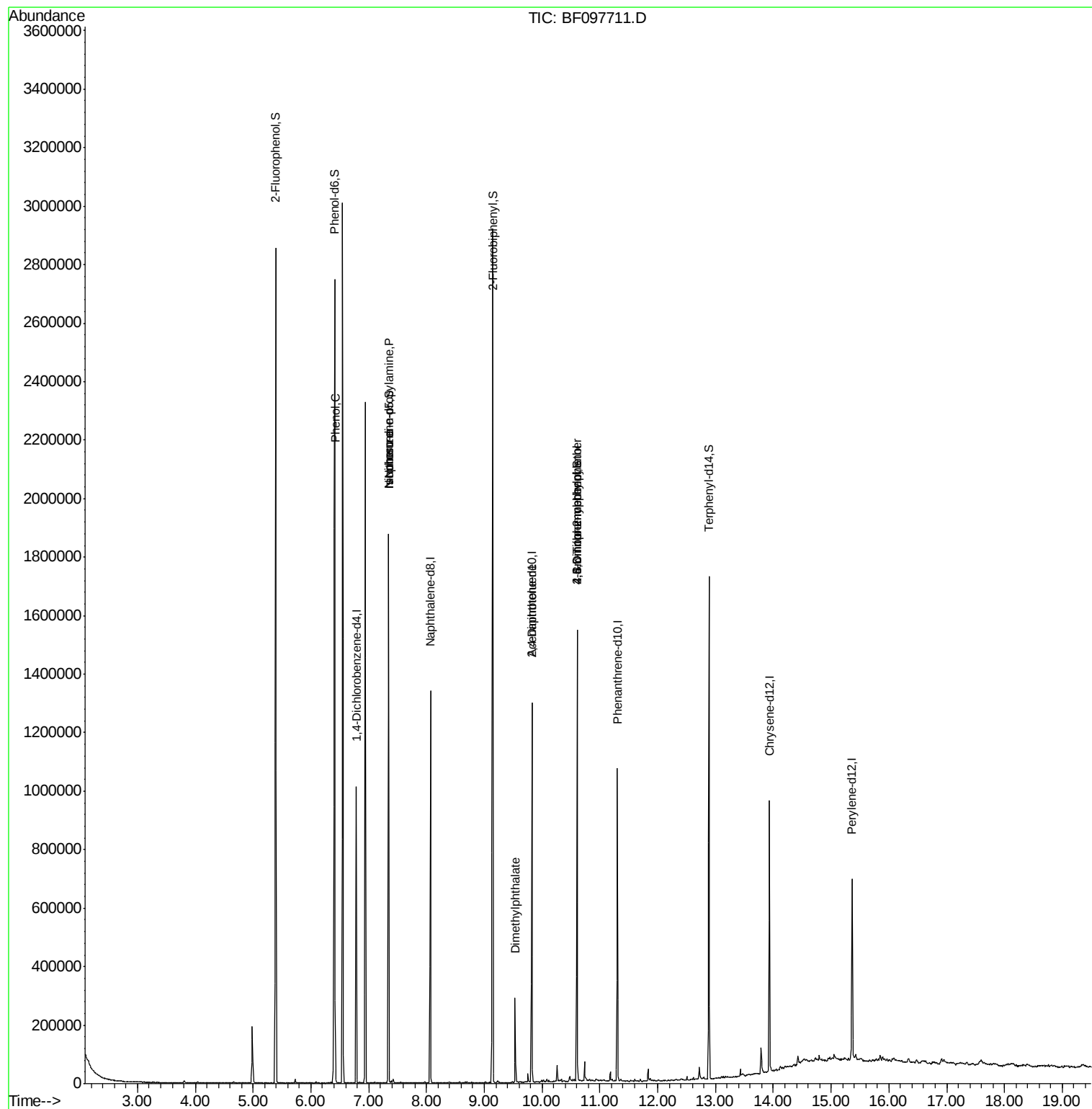
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144473	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	559547	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	230239	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	375530	20.00	ng	0.00
75) Chrysene-d12	13.93	240	277373	20.00	ng	0.00
86) Perylene-d12	15.36	264	269154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	778434	81.96	ng	0.00
7) Phenol-d6	6.41	99	1058763	82.04	ng	0.00
23) Nitrobenzene-d5	7.35	82	625893	60.77	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	148784	74.48	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	822295	52.47	ng	0.00
78) Terphenyl-d14	12.89	244	488263	36.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.42	94	34787	2.30	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	84337	9.55	ng	# 73
25) Isophorone	7.35	82	624638	29.16	ng	# 67
49) Dimethylphthalate	9.54	163	103099	6.13	ng	98
56) 2,4-Dinitrotoluene	9.82	165	29510	7.00	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	336	8.48	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	9730	2.50	ng	# 1

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

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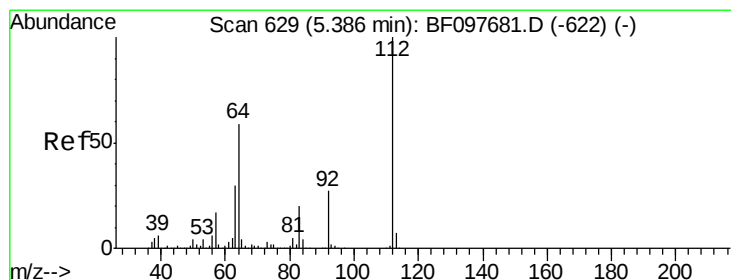
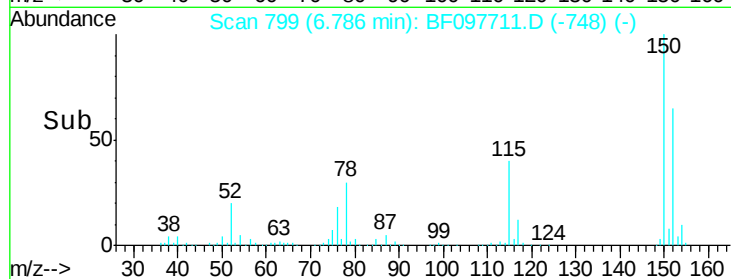
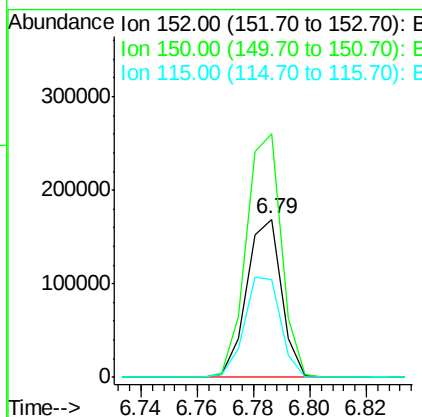
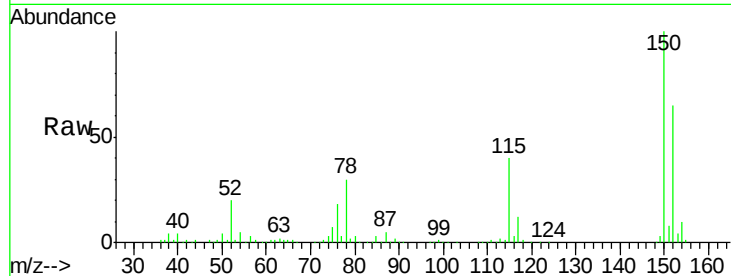


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

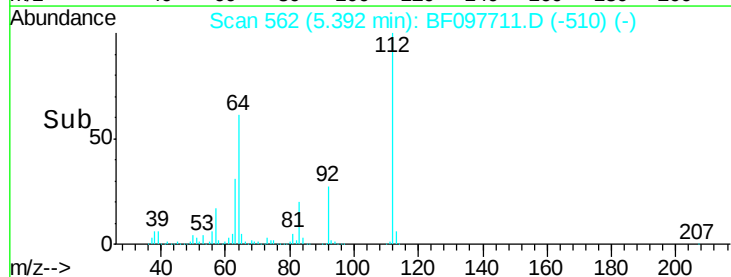
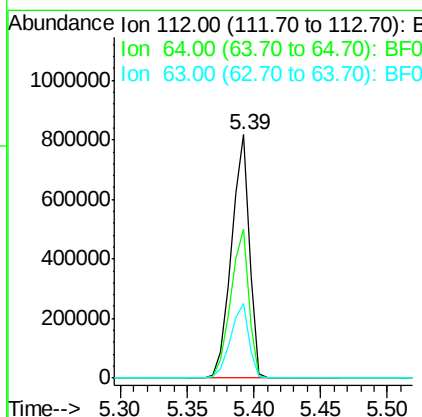
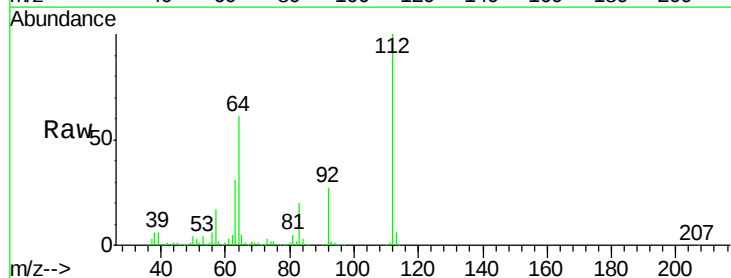
Tot Ion:152 Resp: 144473
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 61.7 52.2 78.2

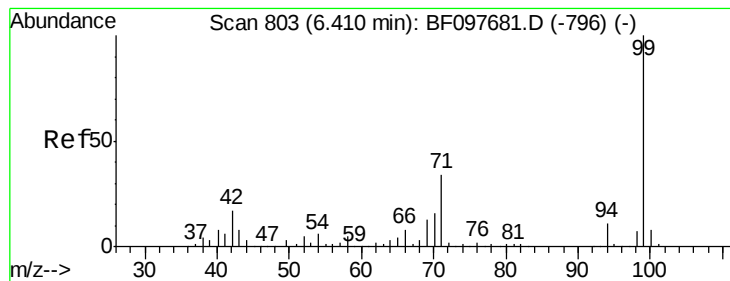


#5

2-Fluorophenol
Concen: 81.96 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Tgt Ion:112 Resp: 778434
Ion Ratio Lower Upper
112 100
64 61.0 46.0 69.0
63 30.8 23.4 35.0





#7

Phenol-d6

Concen: 82.04 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

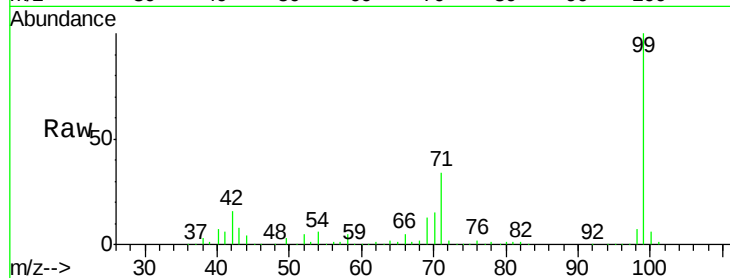
Tot Ion: 99 Resp: 1058763

Ion Ratio Lower Upper

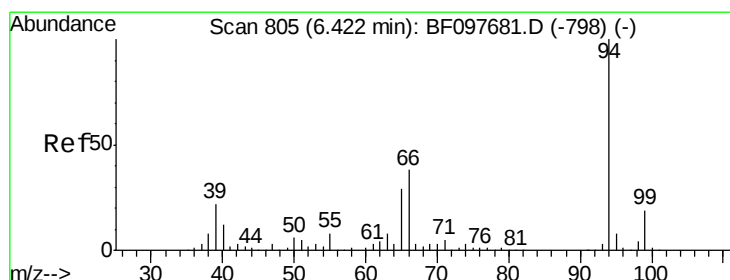
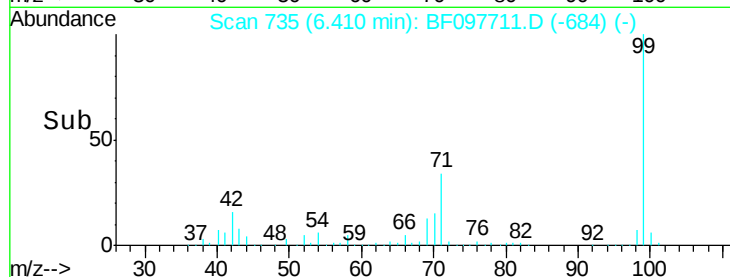
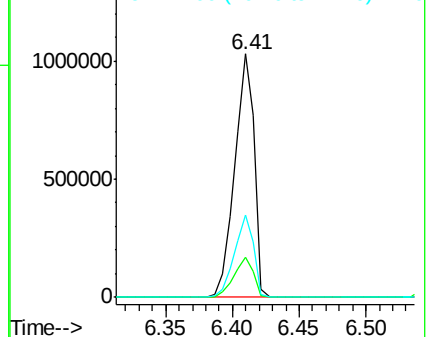
99 100

42 16.2 13.5 20.3

71 33.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.30 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

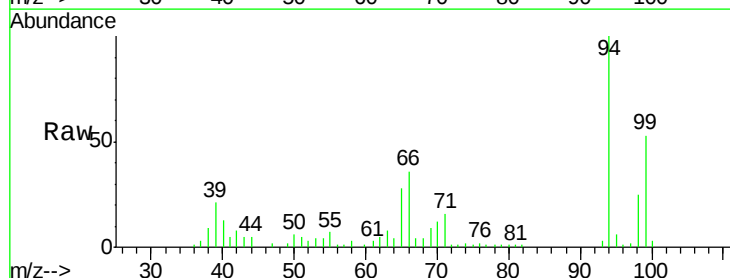
Tgt Ion: 94 Resp: 34787

Ion Ratio Lower Upper

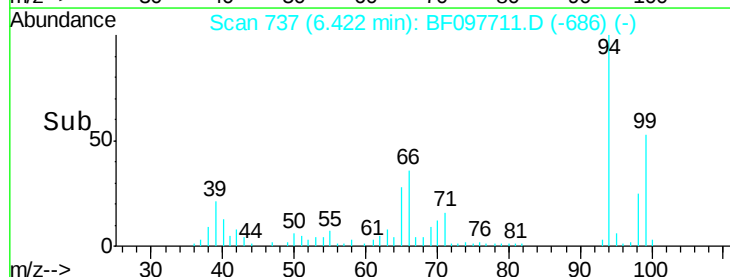
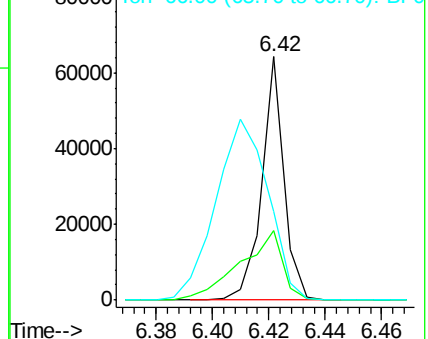
94 100

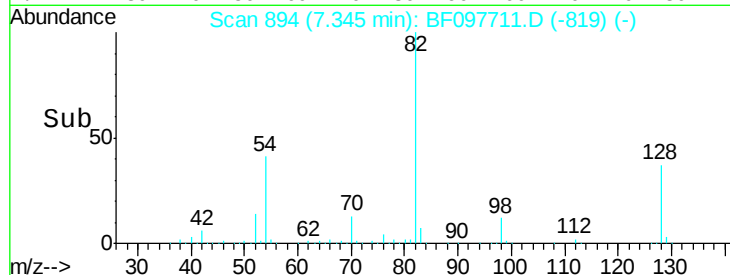
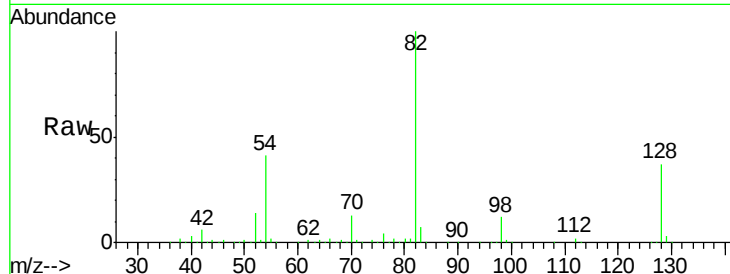
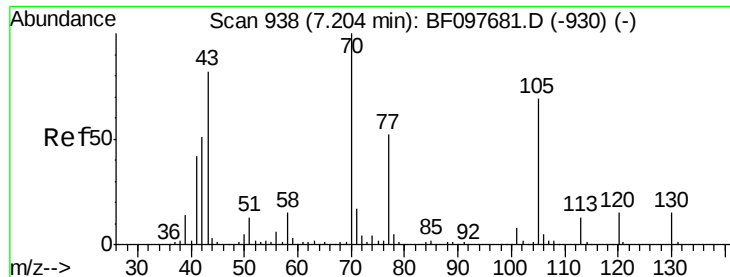
65 28.4 9.9 49.9

66 36.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

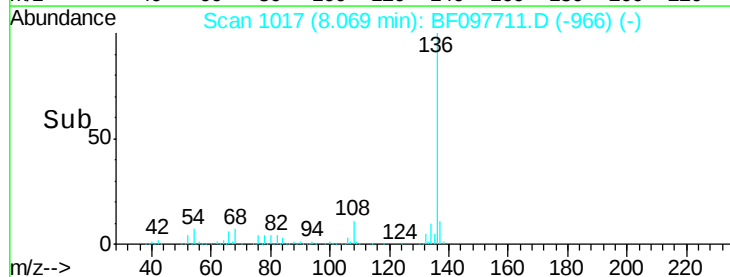
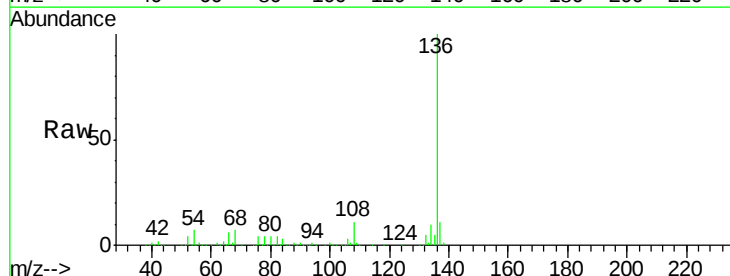
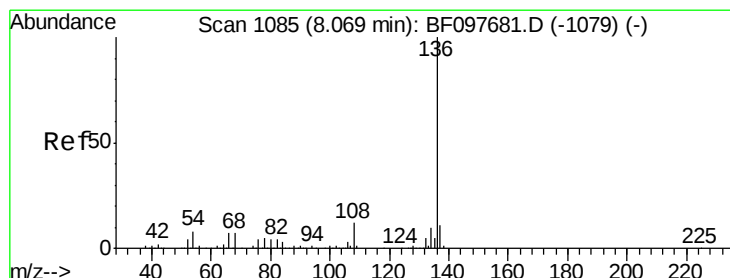
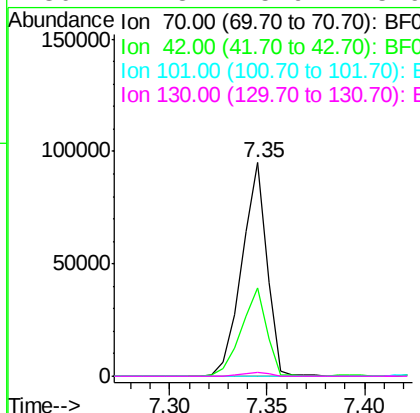




#19
n-Nitroso-di-n-propylamine
Concen: 9.55 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

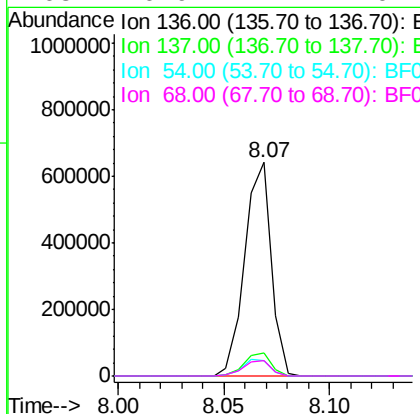
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

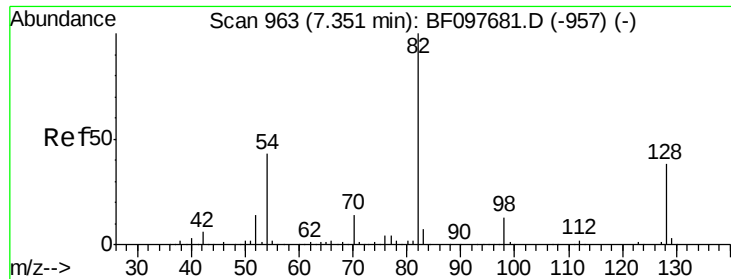
Tot Ion: 70 Resp: 84337
Ion Ratio Lower Upper
70 100
42 41.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Tgt Ion: 136 Resp: 559547
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.4 4.9 7.3#
68 6.9 4.1 6.1#

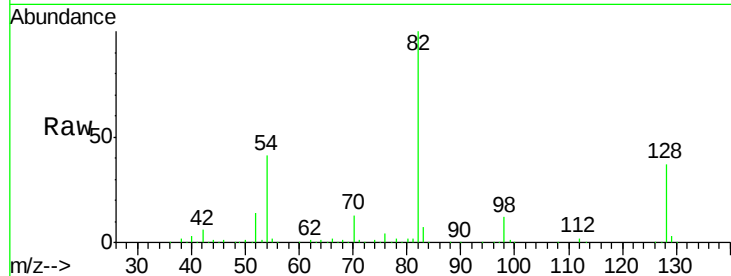




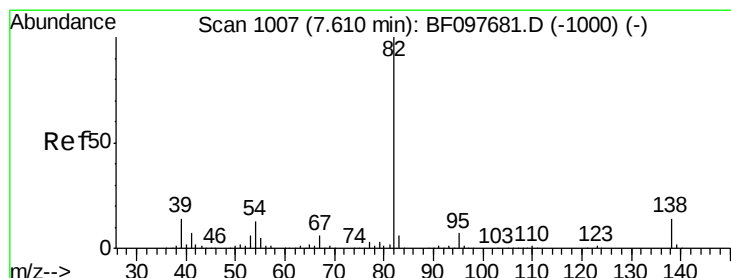
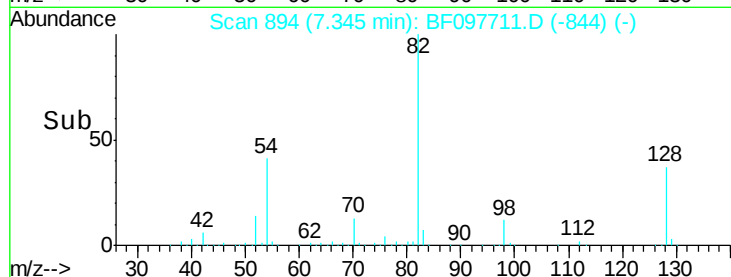
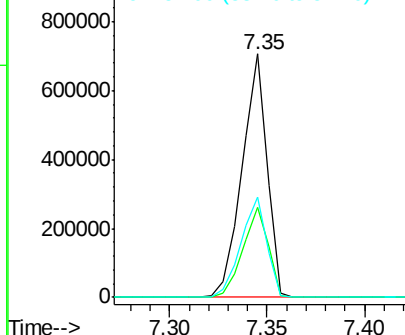
#23
 Nitrobenzene-d5
 Concen: 60.77 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion	82	Resp	625893
Ion Ratio	100	Lower	Upper
128	36.7	34.0	51.0
54	41.0	42.2	63.2#

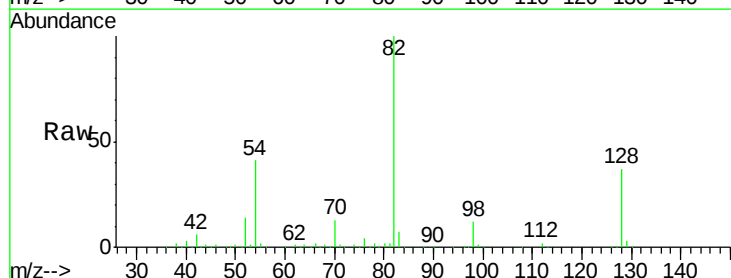


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

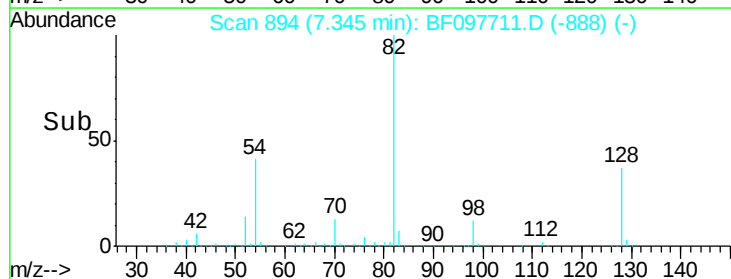
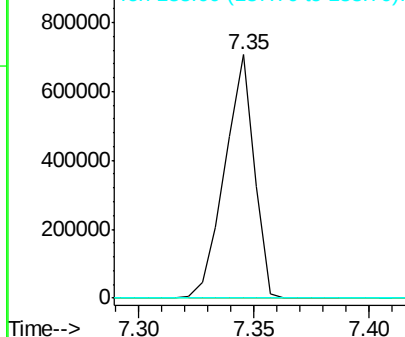


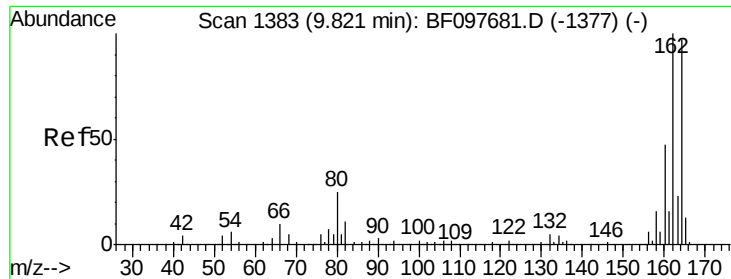
#25
 Isophorone
 Concen: 29.16 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Tgt Ion	82	Resp	624638
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

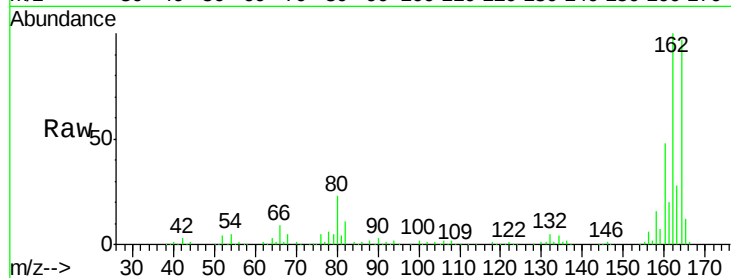




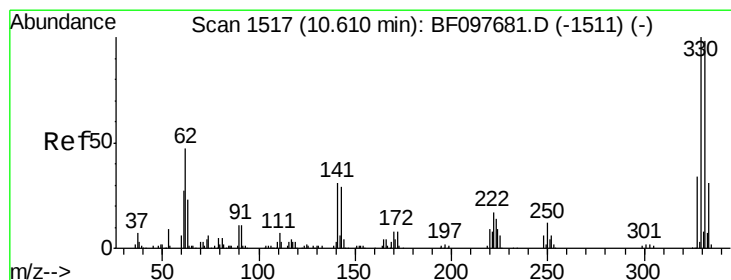
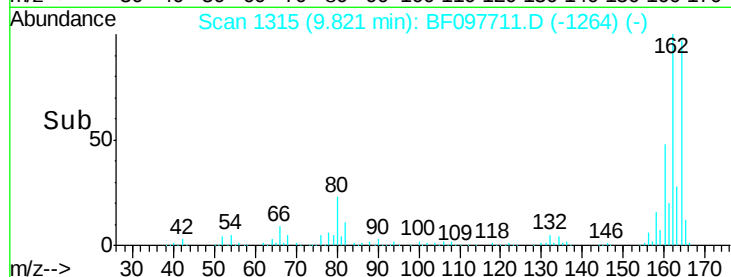
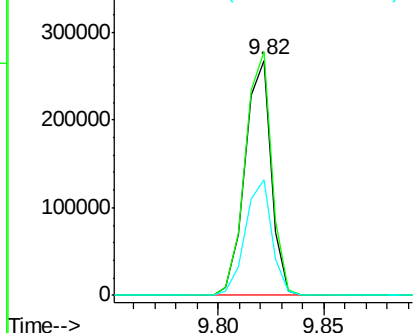
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:164 Resp: 230239
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 49.3 36.2 54.2

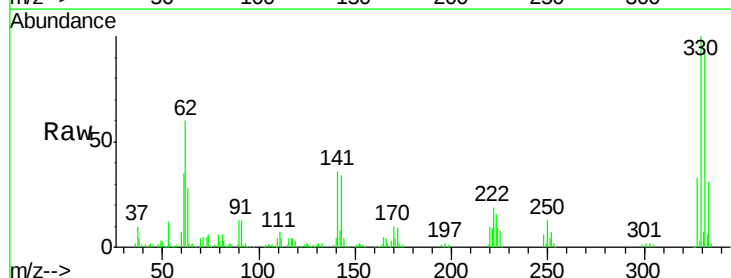


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

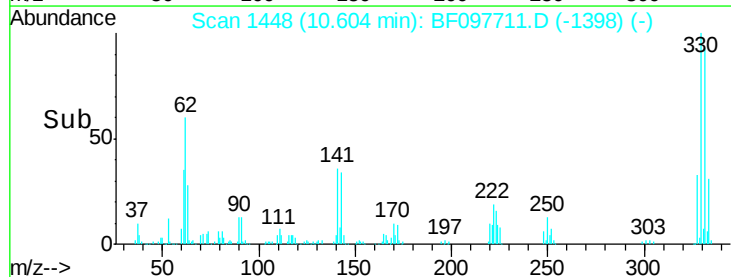
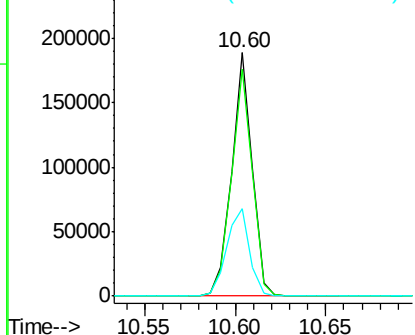


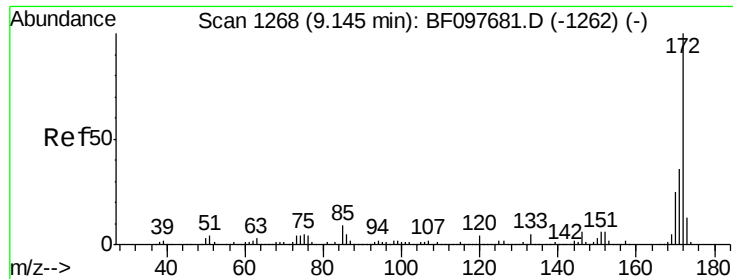
#41
 2,4,6-Tribromophenol
 Concen: 74.48 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Tgt Ion:330 Resp: 148784
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 40.0 31.4 47.2



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

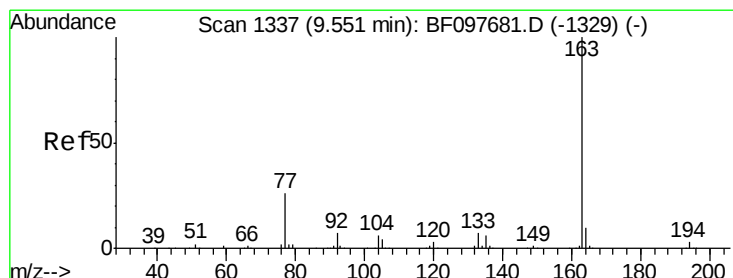
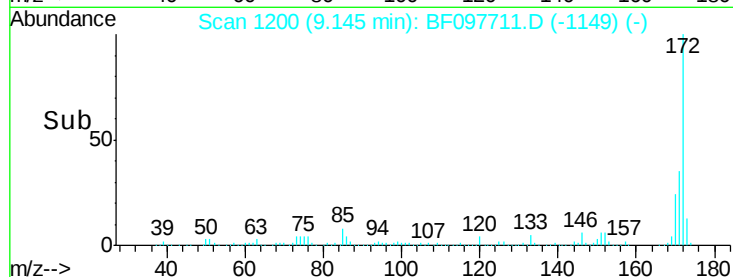
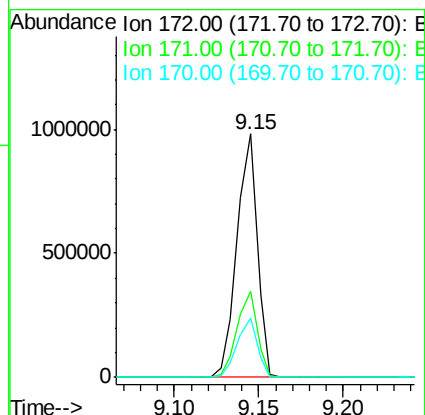
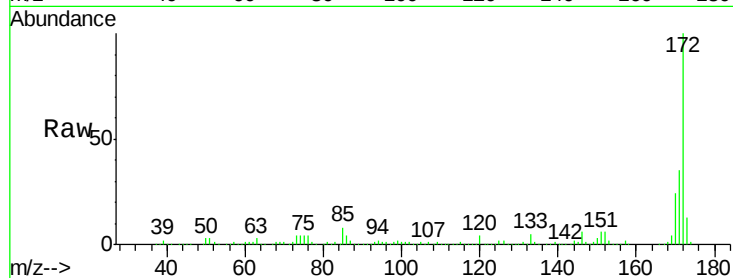




#44
2-Fluorobiphenyl
Concen: 52.47 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

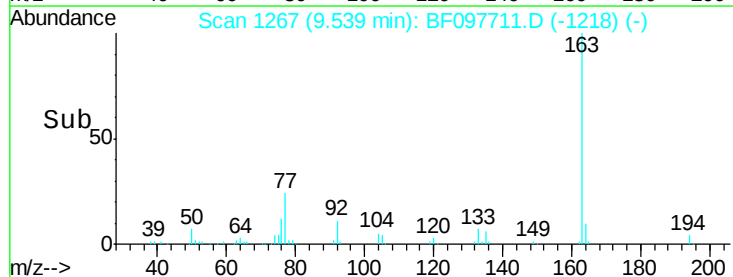
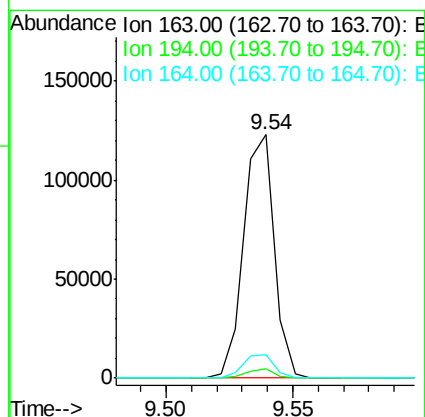
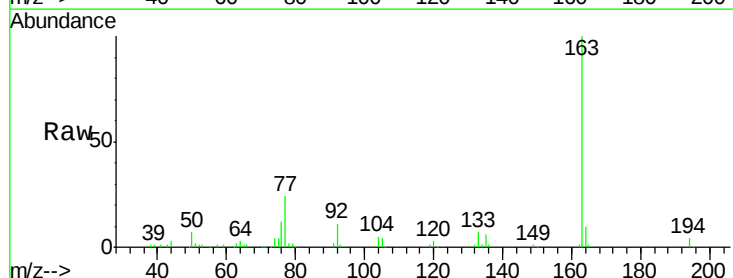
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion:172 Resp: 822295
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 6.13 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Tgt Ion:163 Resp: 103099
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.7 8.4 12.6

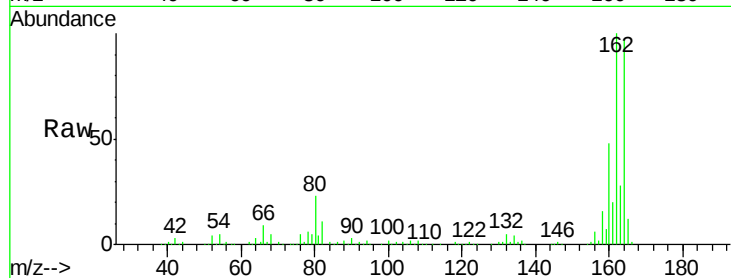




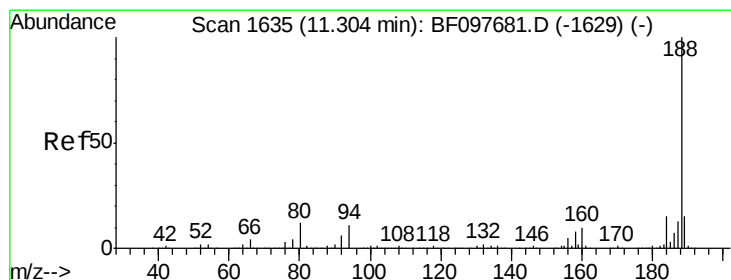
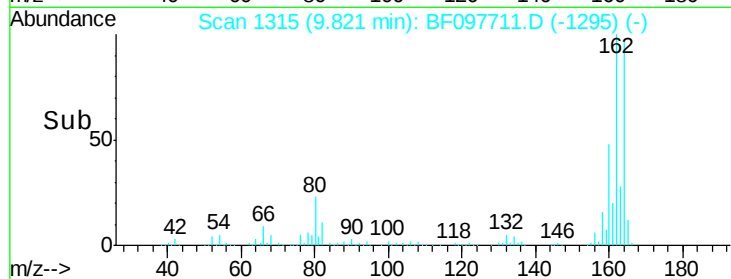
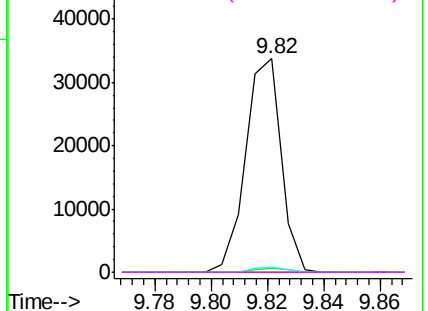
#56
 2,4-Dinitrotoluene
 Concen: 7.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.18 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:	165	Resp:	29510
Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#

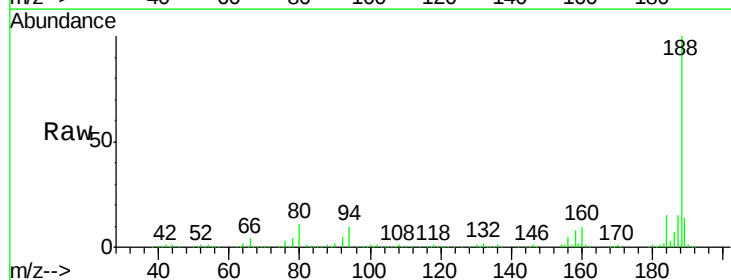


Abundance Ion 165.00 (164.70 to 165.70): E

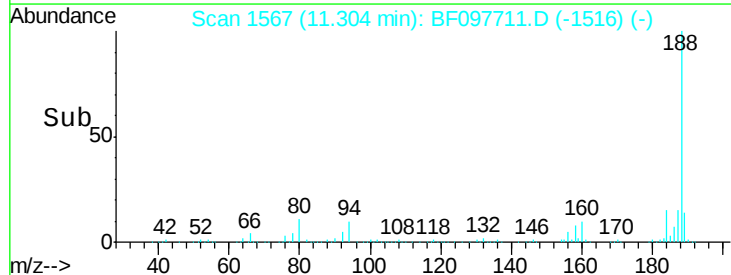
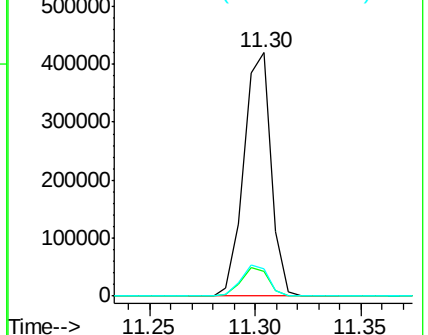


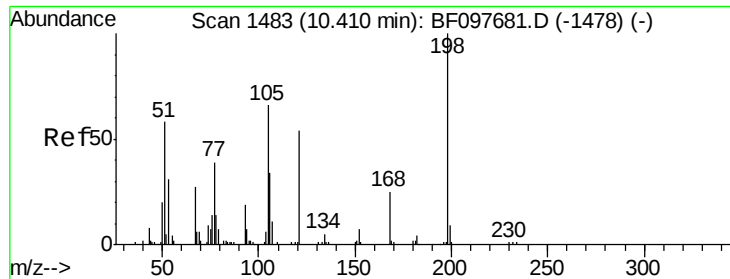
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Tgt Ion:	188	Resp:	375530
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.2	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E

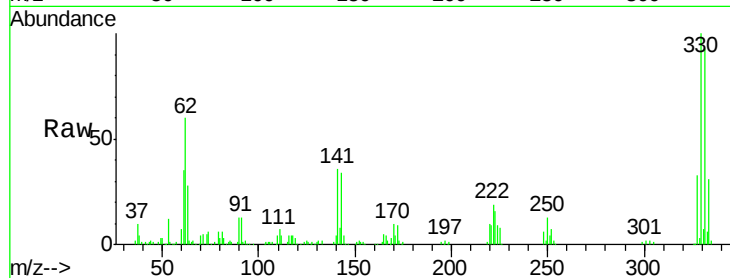




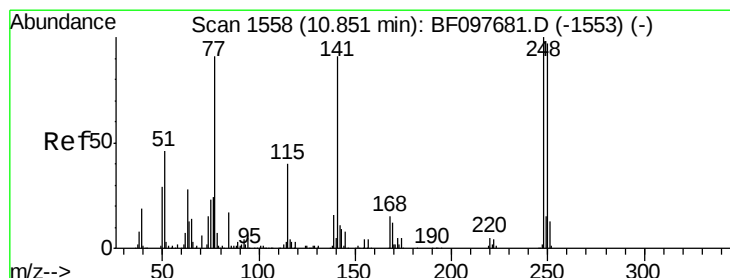
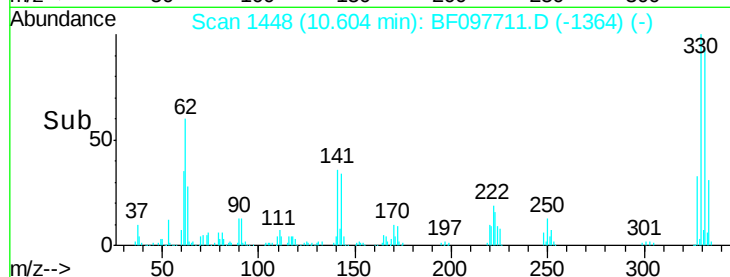
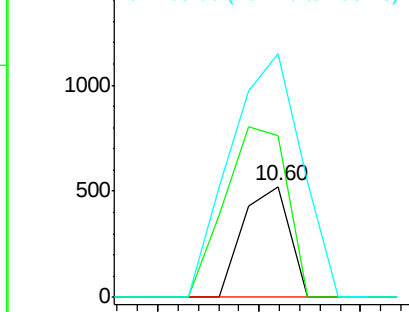
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.48 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.19 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion	Ratio	Lower	Upper
198	100		
51	146.6	53.2	93.2#
105	219.7	45.8	85.8#

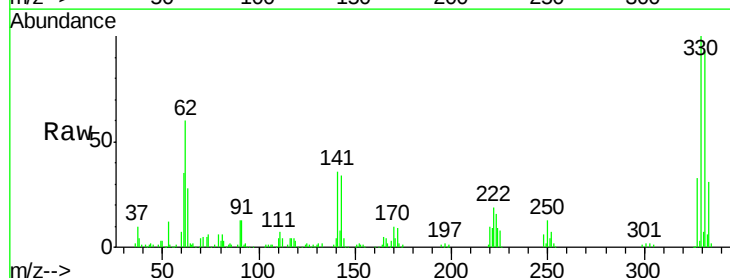


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

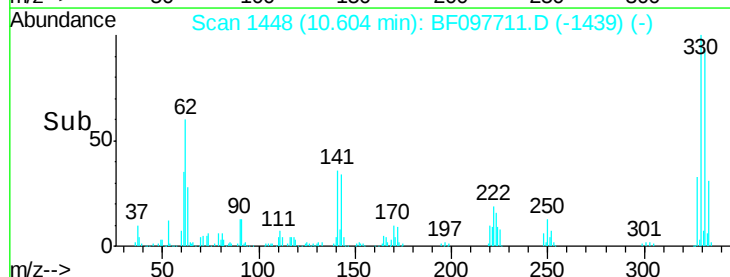
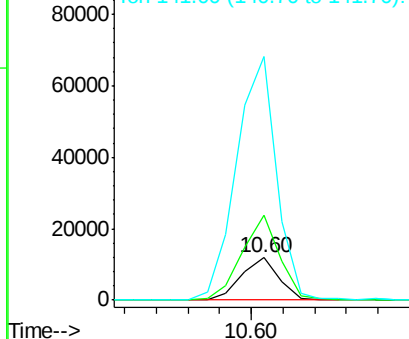


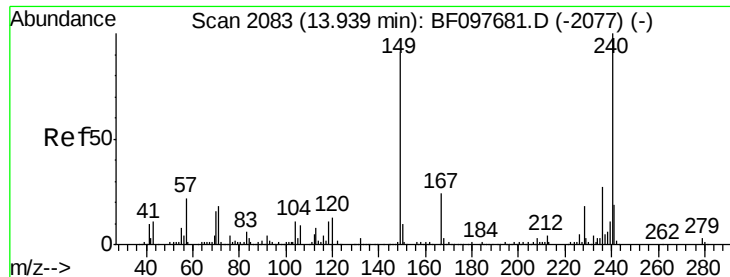
#66
 4-Bromophenyl-phenylether
 Concen: 2.50 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.9	76.8	115.2#
141	577.6	68.6	103.0#



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: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

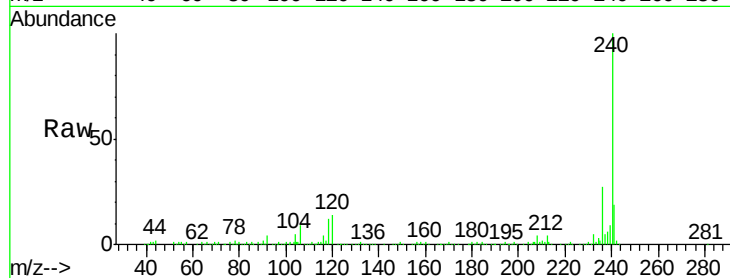
Tot Ion:240 Resp: 277373

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

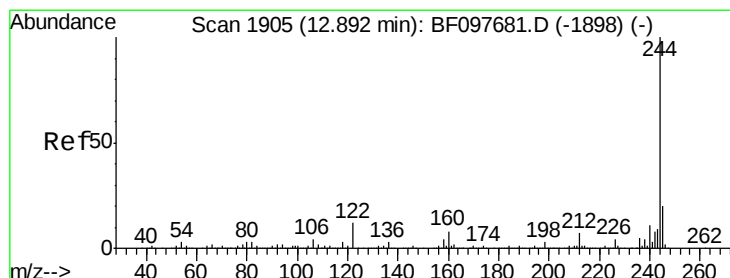
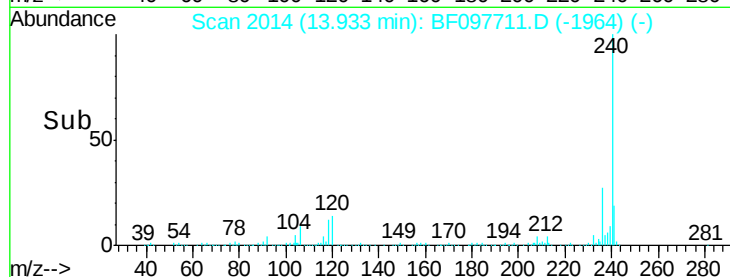
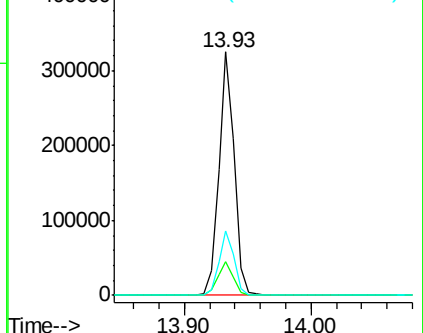
236 26.6 20.5 30.7



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: 36.71 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

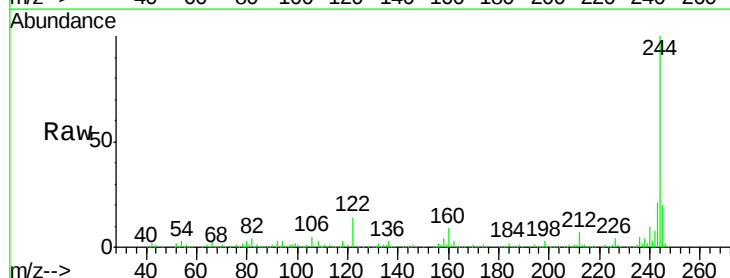
Tgt Ion:244 Resp: 488263

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

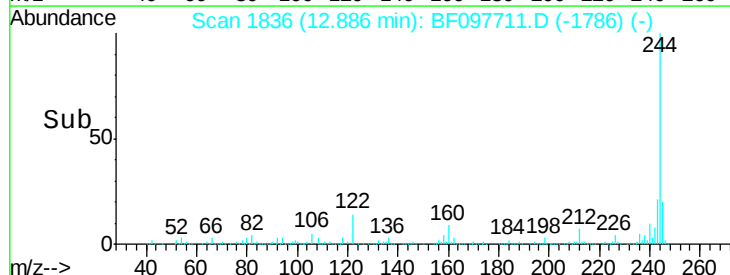
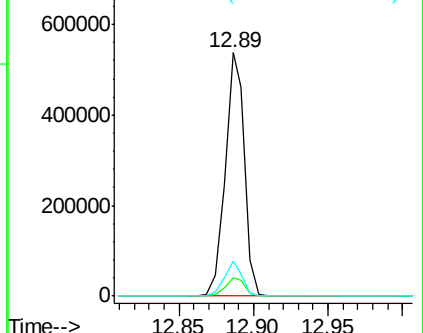
122 14.4 10.3 15.5

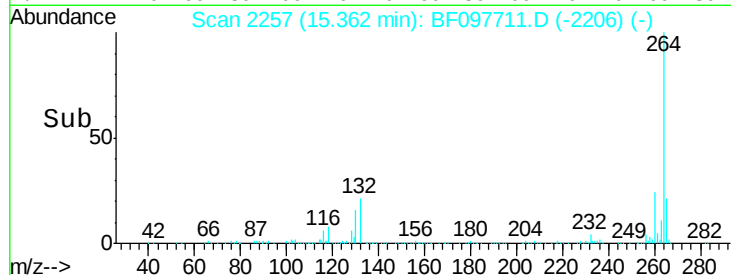
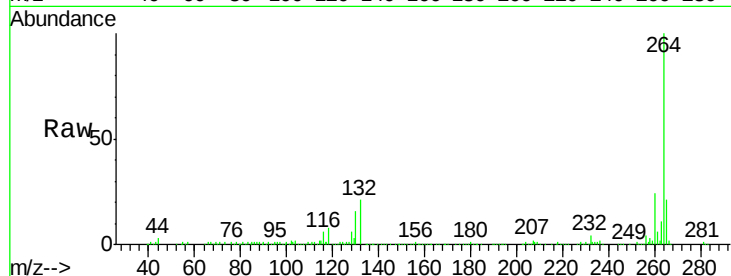
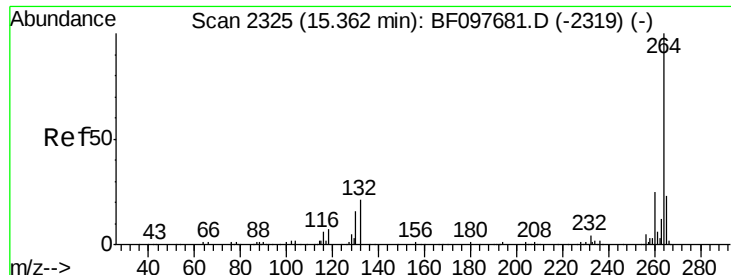


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion:	264	Resp:	269154
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.9	17.2	25.8

