

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097727.D
 Acq On : 16 Aug 2017 8:43
 Operator : SJ/JU
 Sample : I4703-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

Quant Time: Aug 16 09:07:48 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

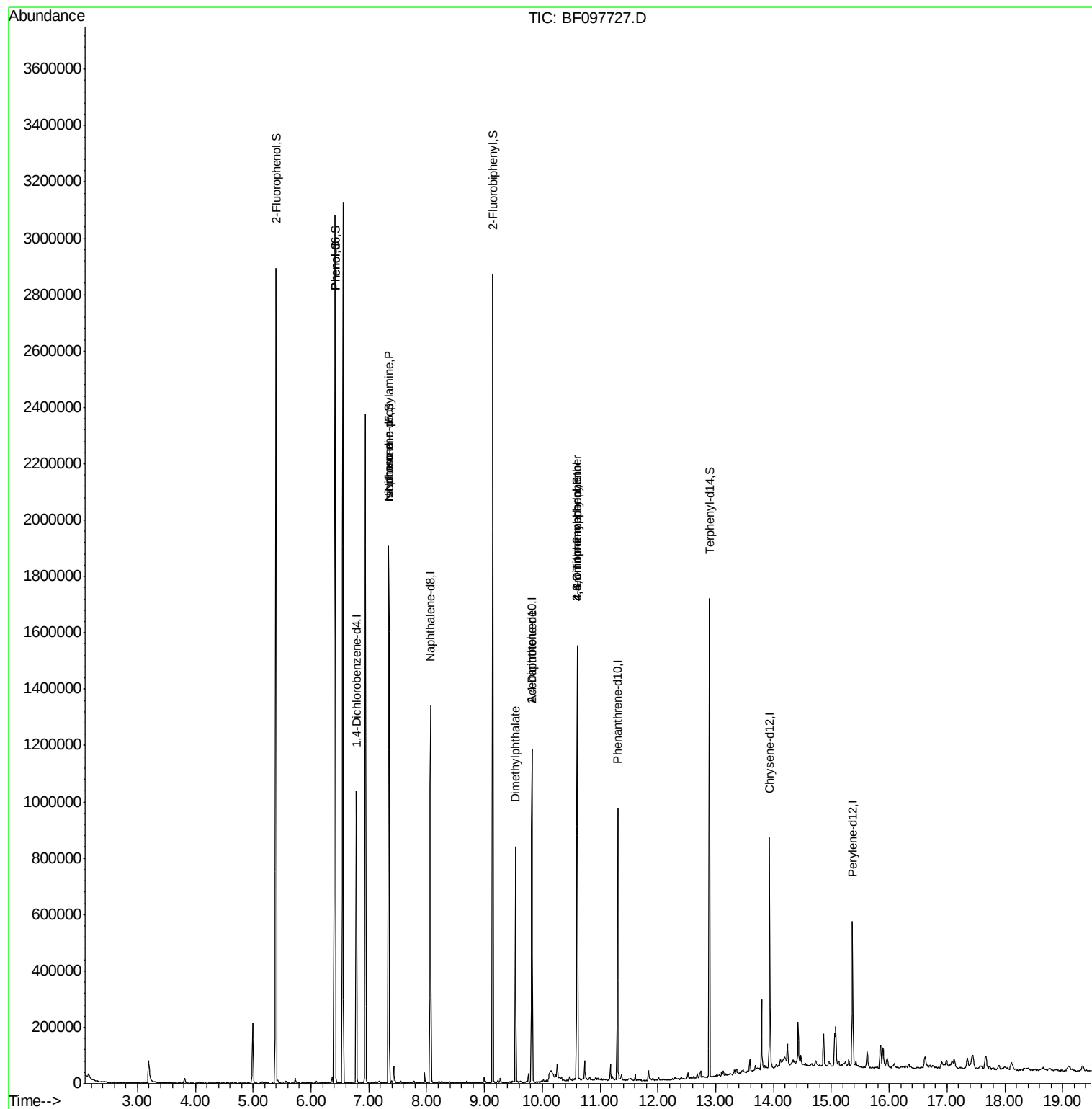
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136642	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	528633	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	204019	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	307970	20.00	ng	0.00
75) Chrysene-d12	13.94	240	279662	20.00	ng	0.00
86) Perylene-d12	15.37	264	216840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	893363	99.45	ng	0.01
7) Phenol-d6	6.42	99	1179791	96.66	ng	0.00
23) Nitrobenzene-d5	7.35	82	709325	72.89	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	142780	80.66	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	783960	56.46	ng	0.00
78) Terphenyl-d14	12.89	244	495943	36.98	ng	0.00
Target Compounds						
10) Phenol	6.42	94	40940	2.87	ng	# 75
19) n-Nitroso-di-n-propylamine	7.35	70	94912	11.36	ng	# 74
25) Isophorone	7.35	82	708389	35.01	ng	# 67
49) Dimethylphthalate	9.54	163	265624	17.81	ng	# 99
56) 2,4-Dinitrotoluene	9.82	165	26081	6.98	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	403	8.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	9967	3.12	ng	# 1

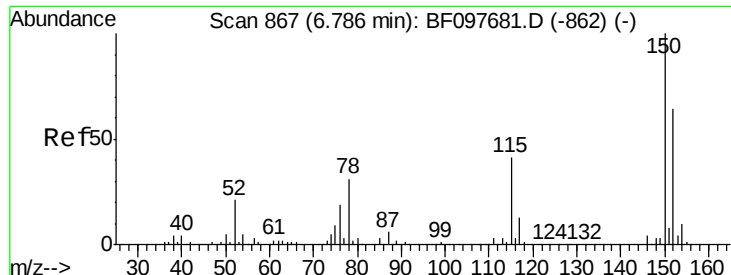
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097727.D

Acq: 16 Aug 2017 8:43

Instrument :

BNA_F

ClientSampleId :

E2-G9-WSW

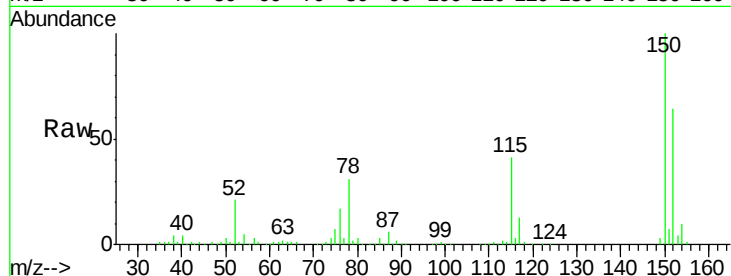
Tot Ion:152 Resp: 136642

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

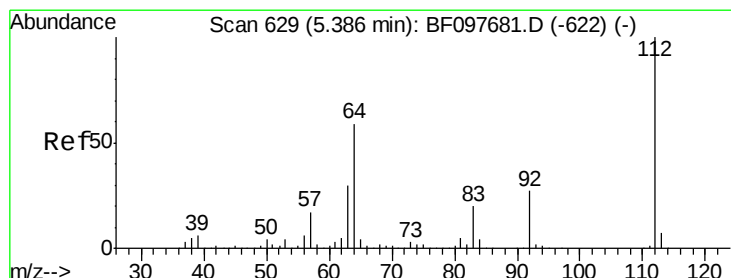
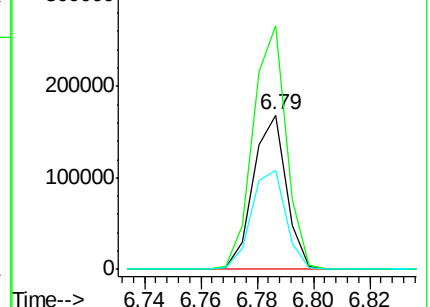
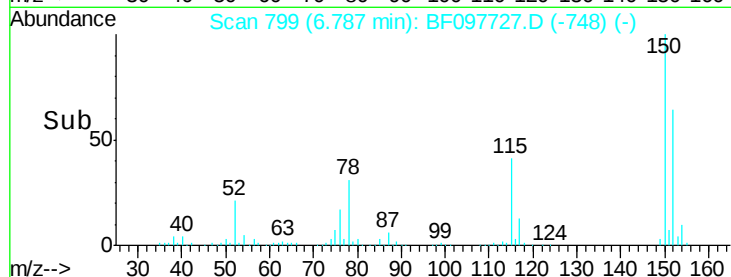
115 64.2 52.2 78.2



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: 99.45 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

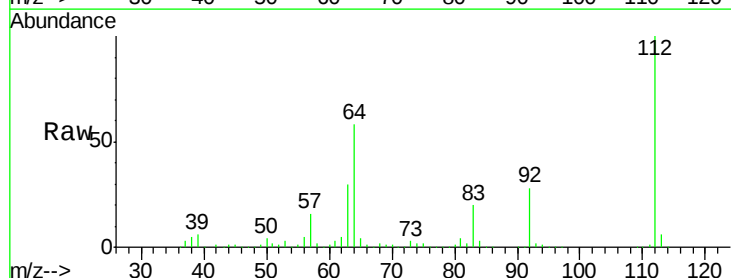
Tgt Ion:112 Resp: 893363

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

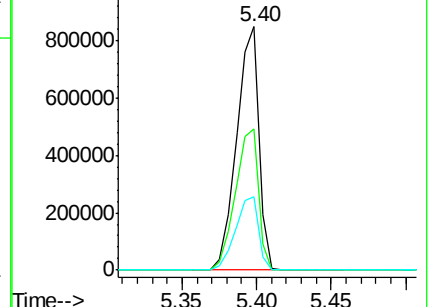
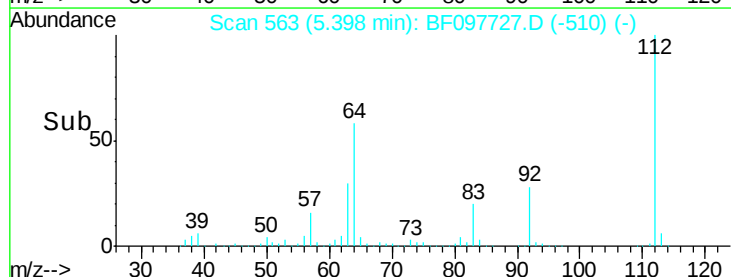
63 30.2 23.4 35.0

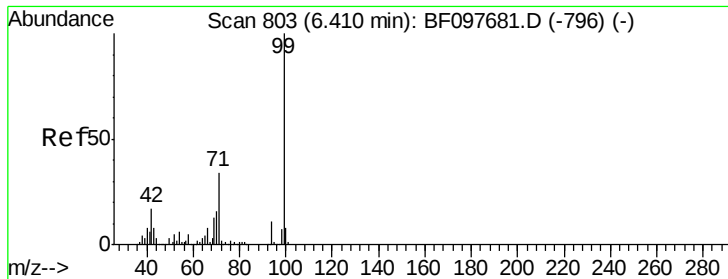


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.66 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

Instrument :

BNA_F

ClientSampleId :

E2-G9-WSW

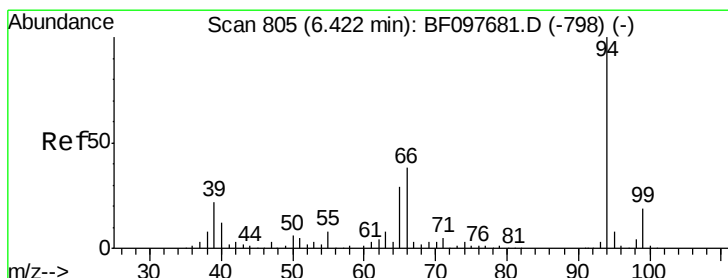
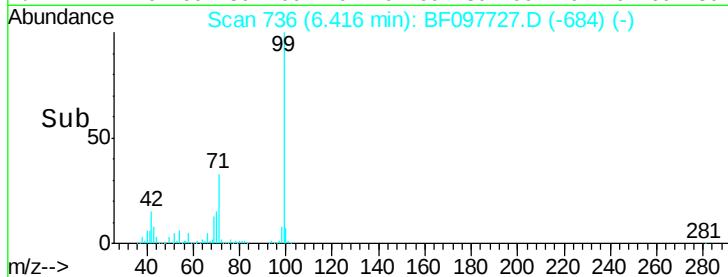
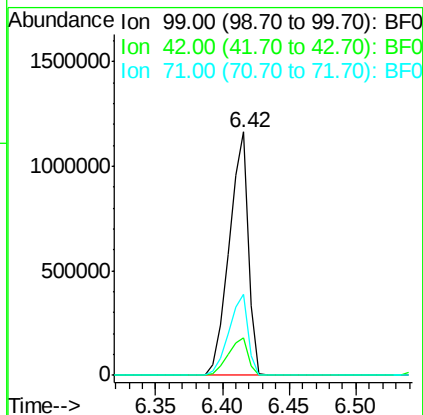
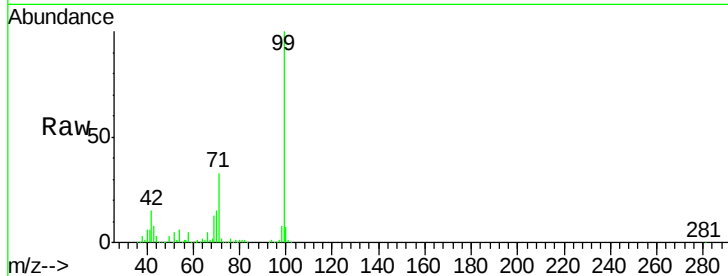
Tot Ion: 99 Resp: 1179791

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 33.3 24.5 36.7



#10

Phenol

Concen: 2.87 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

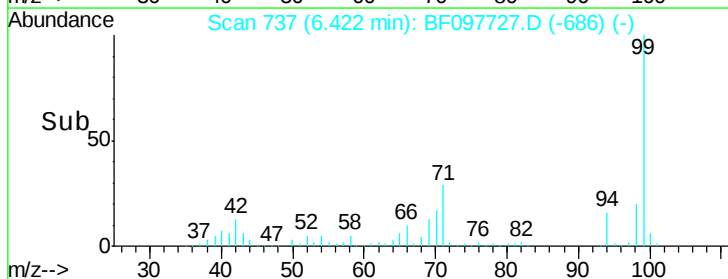
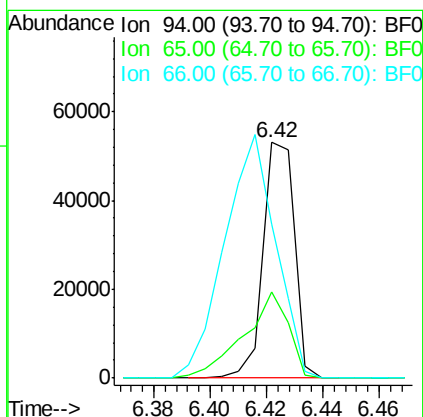
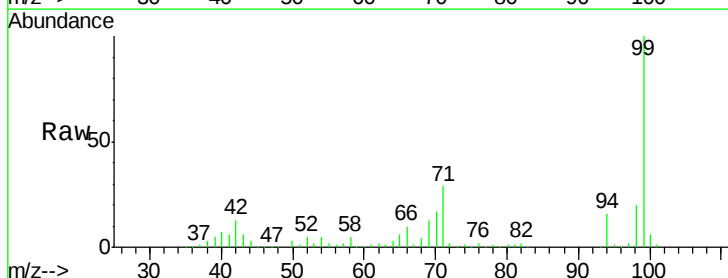
Tgt Ion: 94 Resp: 40940

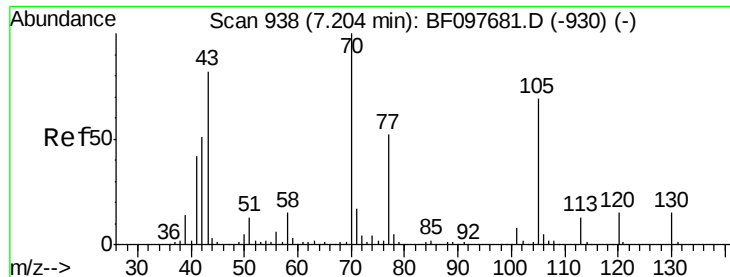
Ion Ratio Lower Upper

94 100

65 36.5 9.9 49.9

66 65.3 23.1 63.1#

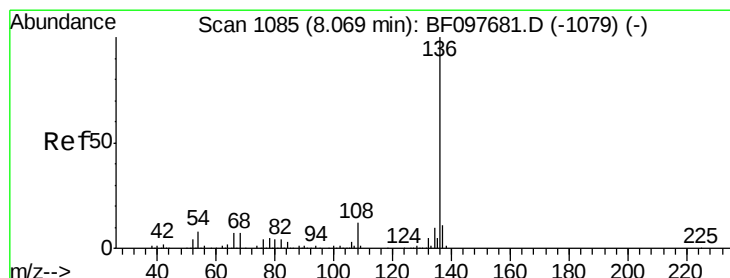
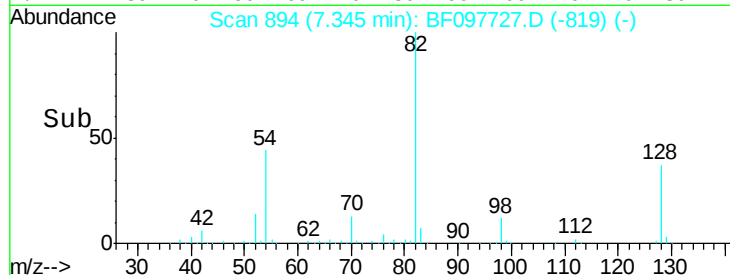
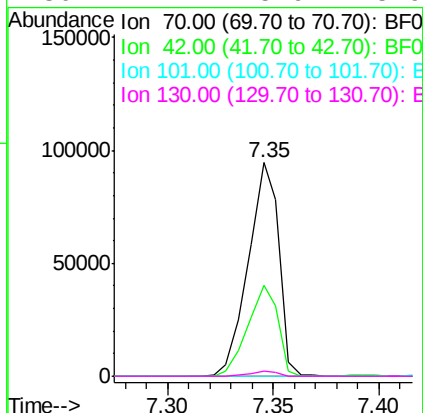
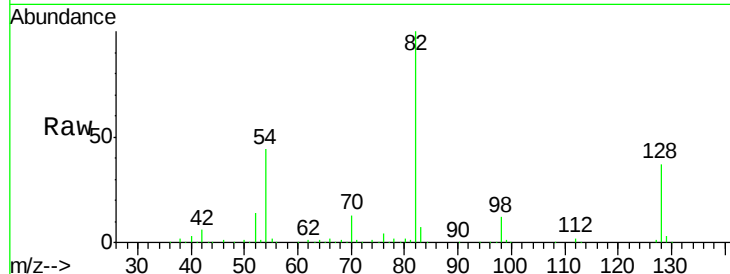




#19
n-Nitroso-di-n-propylamine
Concen: 11.36 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

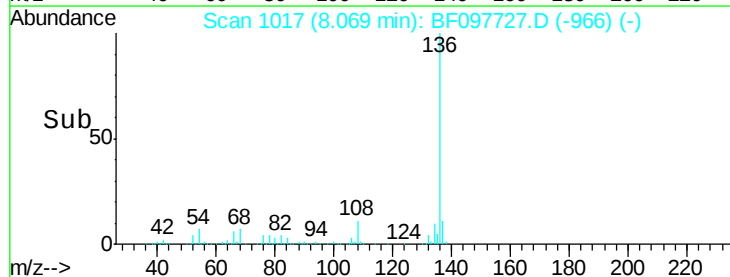
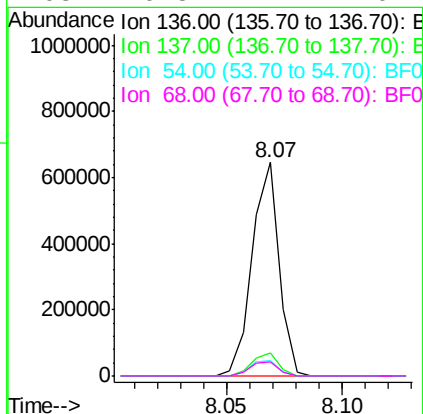
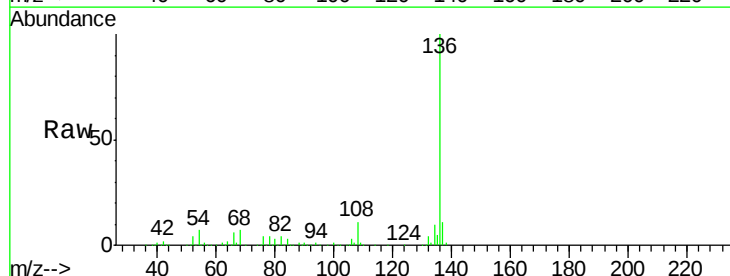
Instrument :
BNA_F
ClientSampleId :
E2-G9-WSW

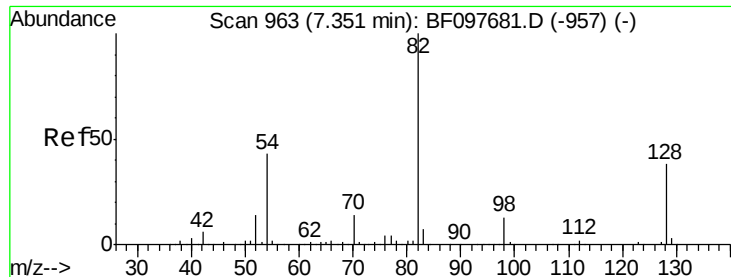
Tot Ion: 70 Resp: 94912
Ion Ratio Lower Upper
70 100
42 42.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

Tgt Ion: 136 Resp: 528633
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.3 4.9 7.3#
68 6.8 4.1 6.1#

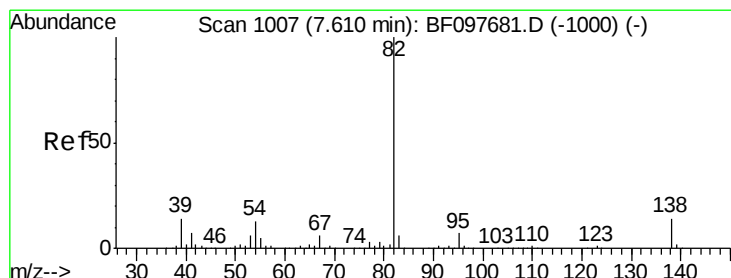
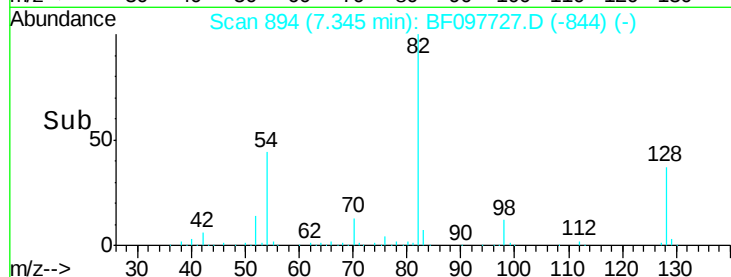
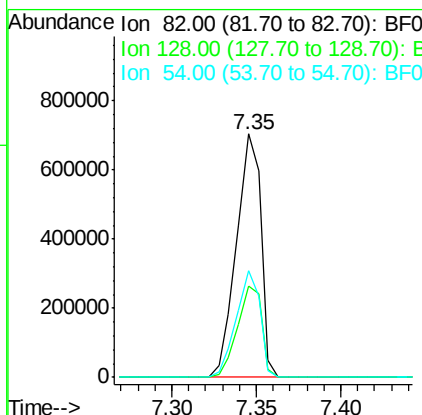
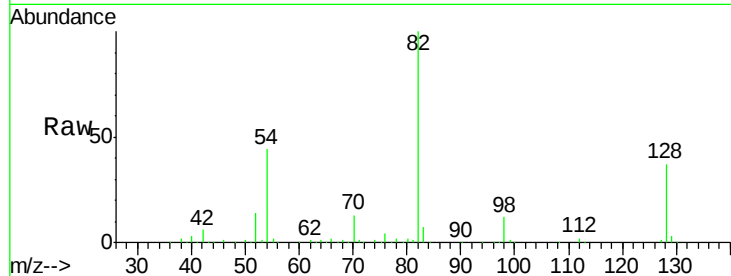




#23
 Nitrobenzene-d5
 Concen: 72.89 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

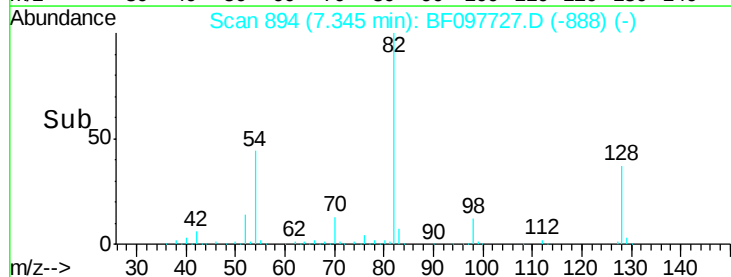
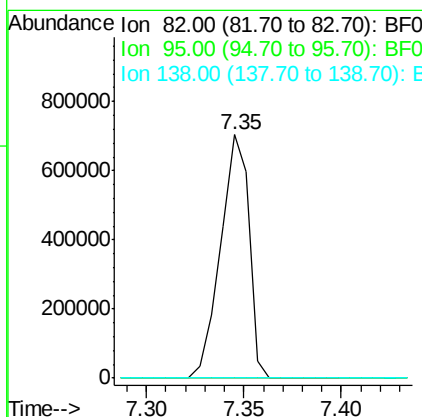
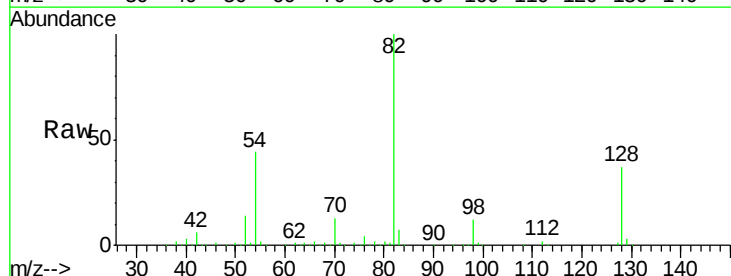
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

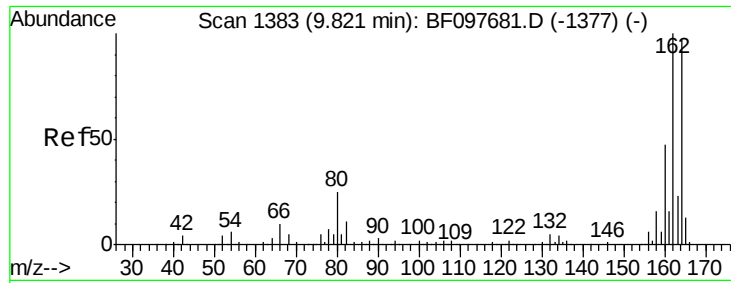
Tot Ion	82	Resp	709325
Ion Ratio	Lower	Upper	
82	100		
128	37.4	34.0	51.0
54	43.7	42.2	63.2



#25
 Isophorone
 Concen: 35.01 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

Tgt Ion	82	Resp	708389
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

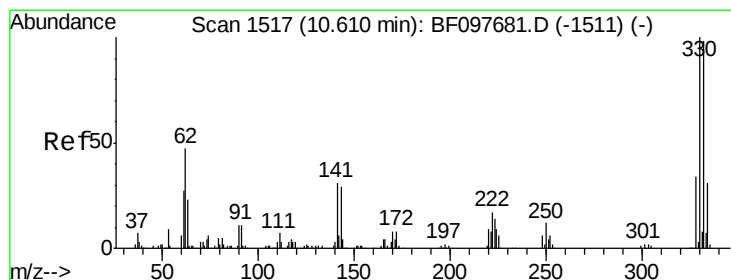
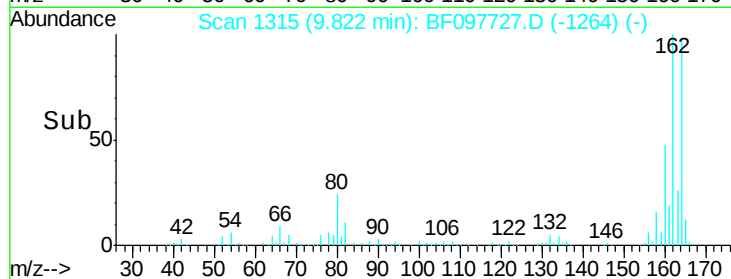
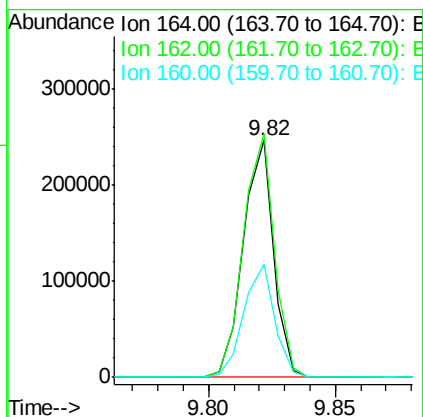
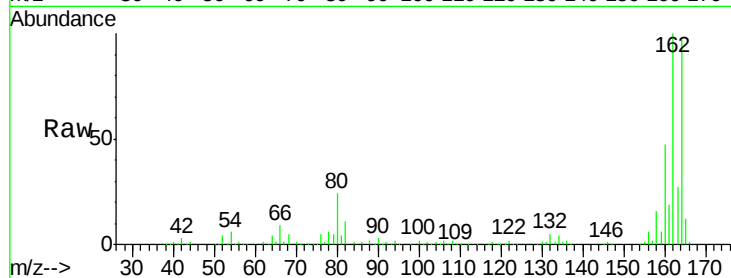




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

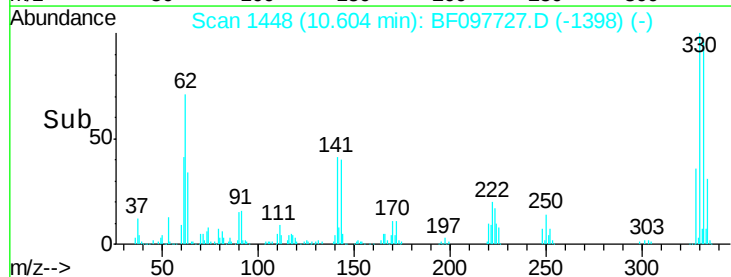
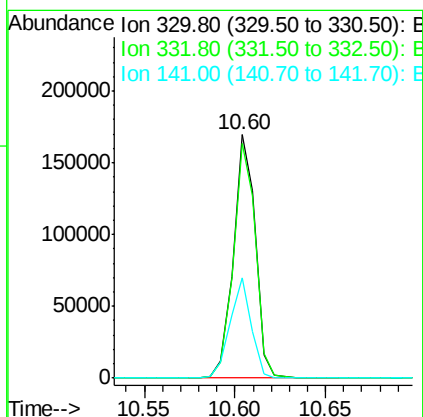
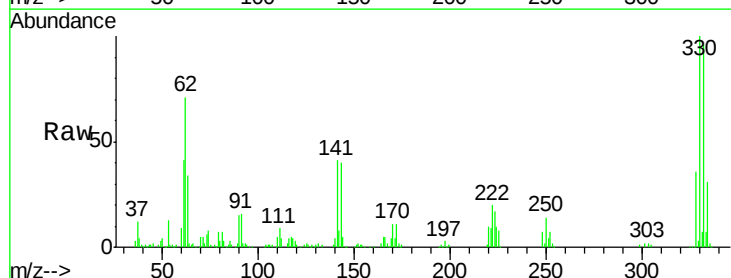
Instrument :
BNA_F
ClientSampleId :
E2-G9-WSW

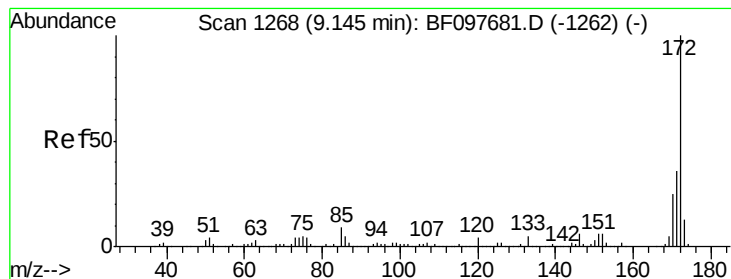
Tot Ion:164 Resp: 204019
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 47.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 80.66 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

Tgt Ion:330 Resp: 142780
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 40.4 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 56.46 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

Instrument :

BNA_F

ClientSampleId :

E2-G9-WSW

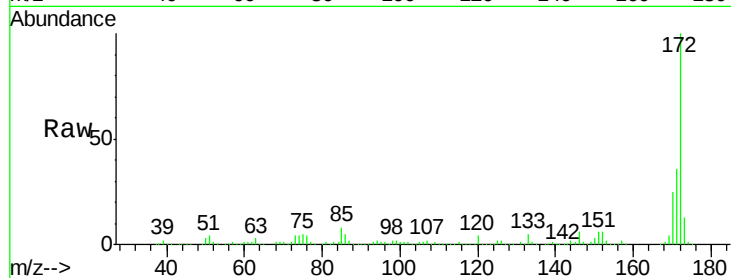
Tot Ion:172 Resp: 783960

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

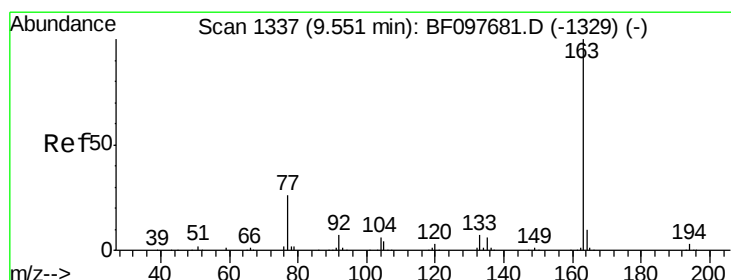
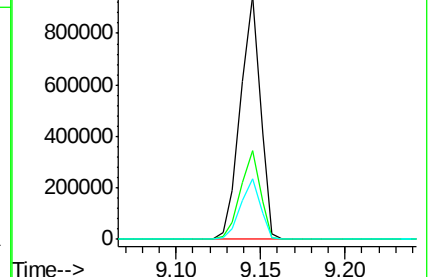
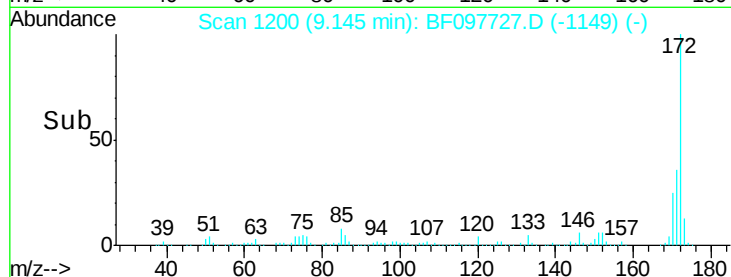
170 24.6 19.8 29.8



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: 17.81 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

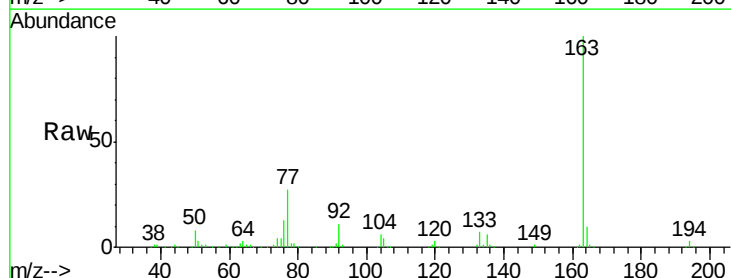
Tgt Ion:163 Resp: 265624

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

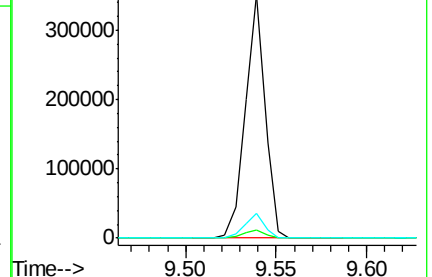
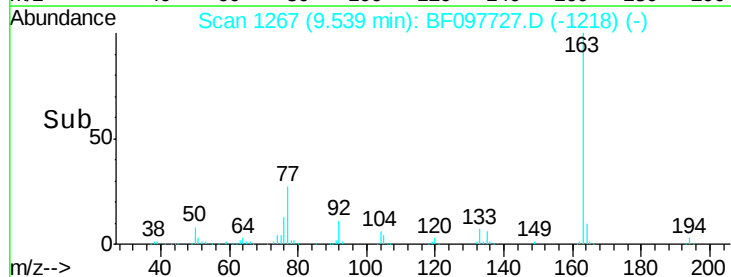
164 10.1 8.4 12.6



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

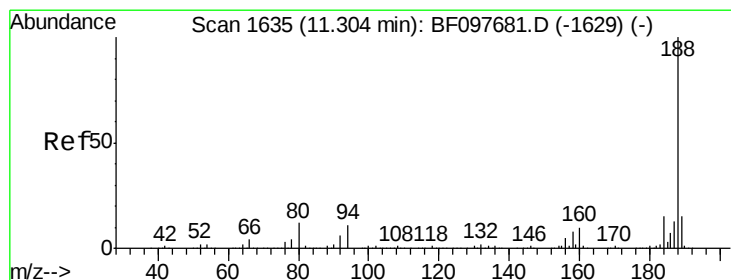
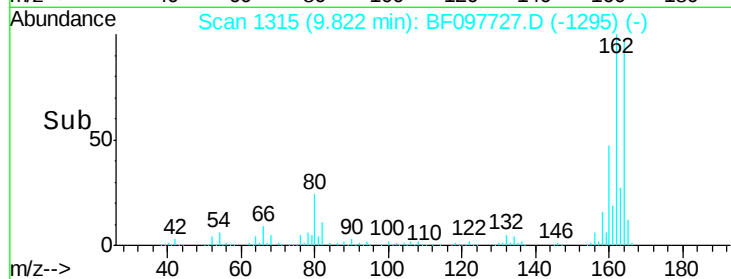
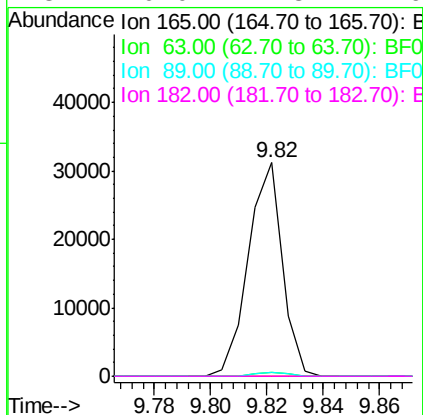
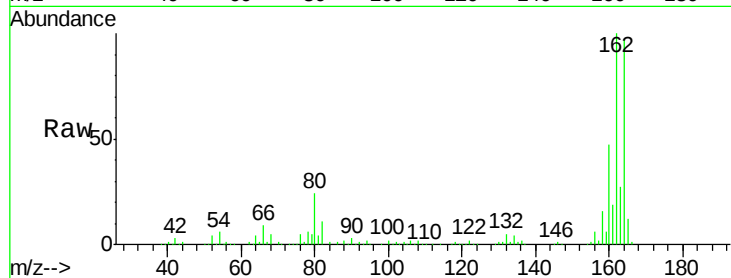




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.18 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

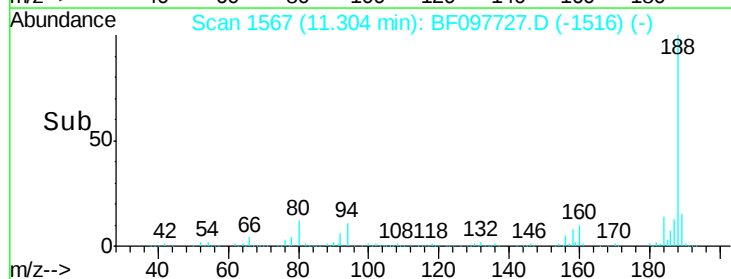
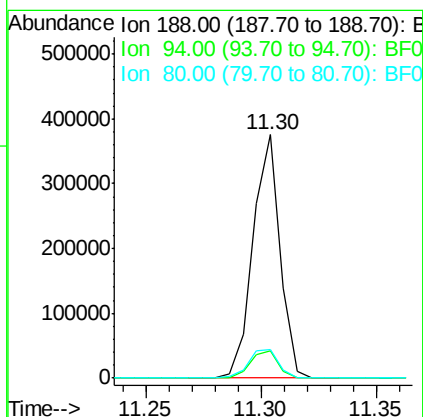
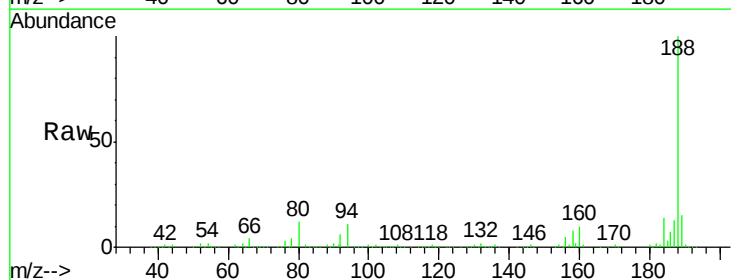
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

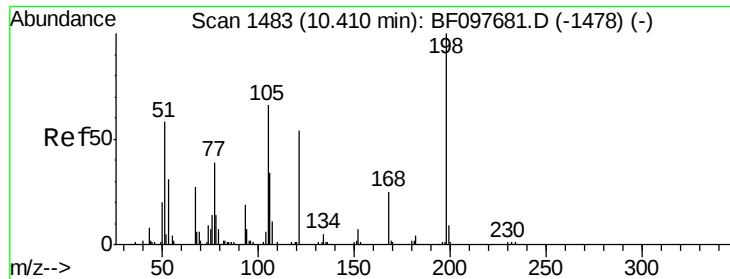
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.6	10.2	15.2

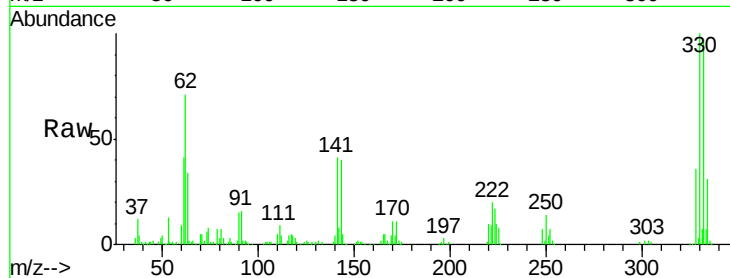




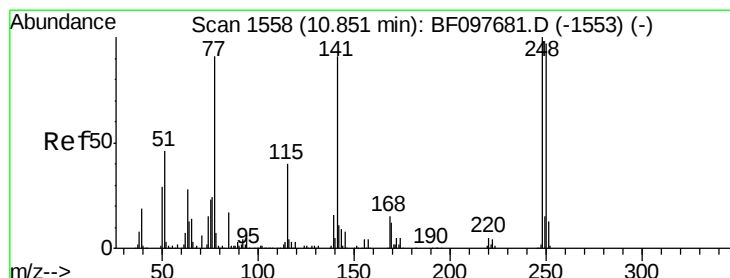
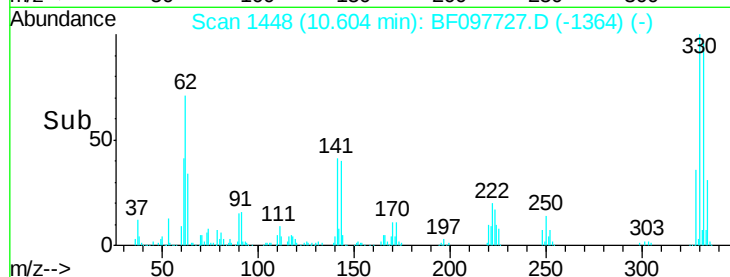
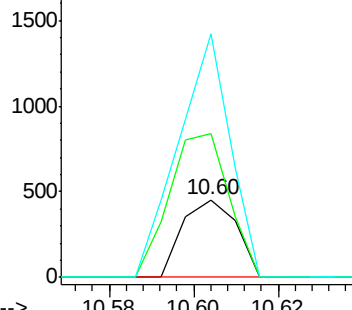
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.55 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.19 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-WSW

Tot Ion:198 Resp: 403
 Ion Ratio Lower Upper
 198 100
 51 184.1 53.2 93.2#
 105 313.2 45.8 85.8#

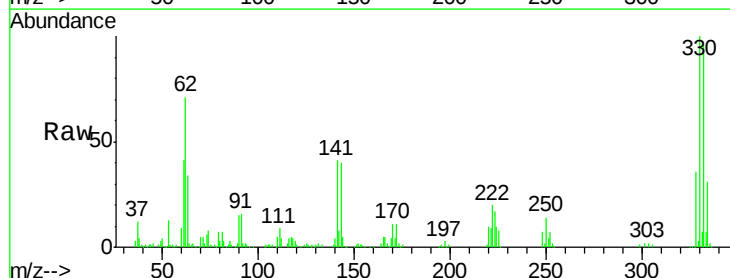


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

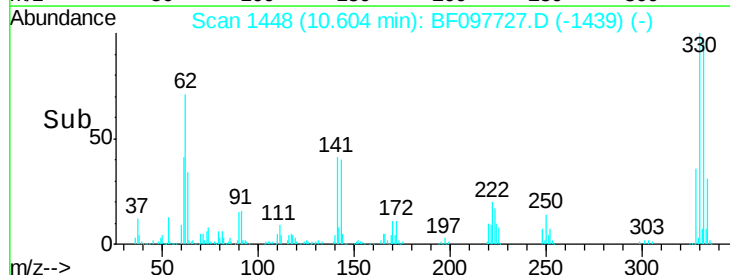
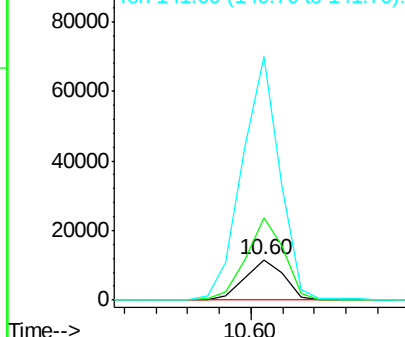


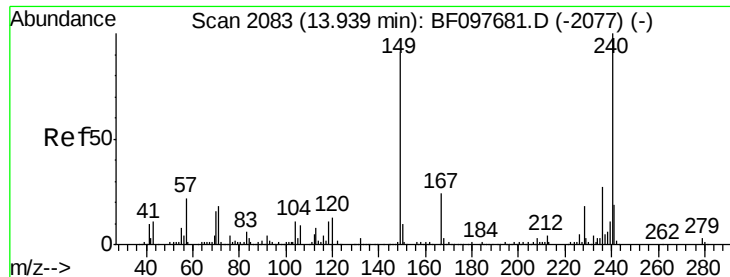
#66
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097727.D
 Acq: 16 Aug 2017 8:43

Tgt Ion:248 Resp: 9967
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.8 115.2#
 141 602.6 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: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

Instrument :

BNA_F

ClientSampleId :

E2-G9-WSW

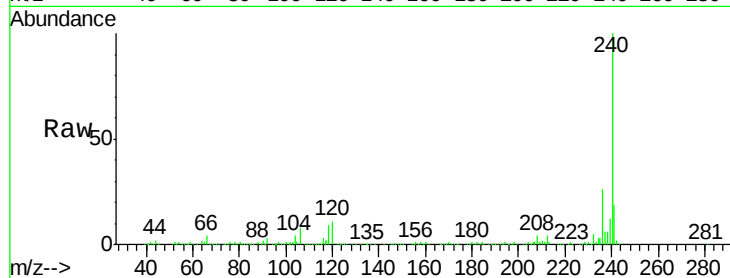
Tot Ion:240 Resp: 279662

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

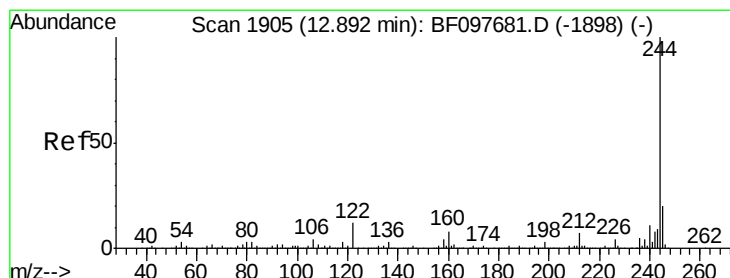
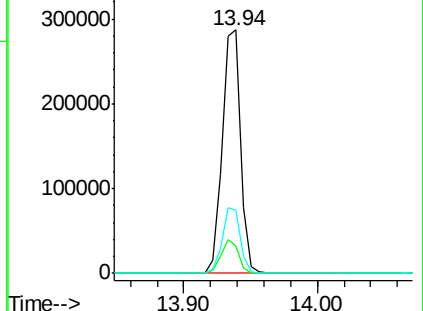
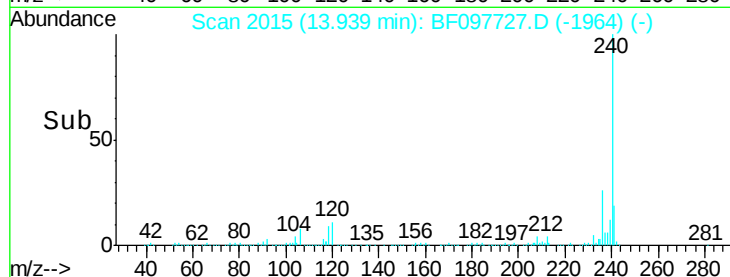
236 25.8 20.5 30.7



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: 36.98 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097727.D

Acq: 16 Aug 2017 8:43

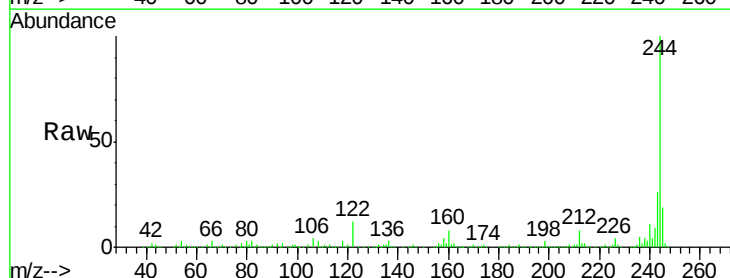
Tgt Ion:244 Resp: 495943

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

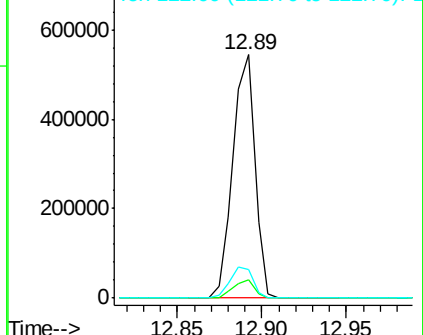
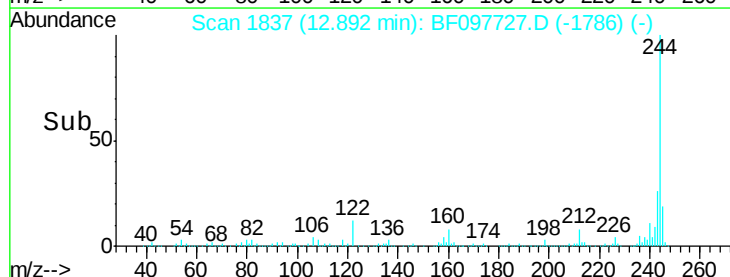
122 11.8 10.3 15.5

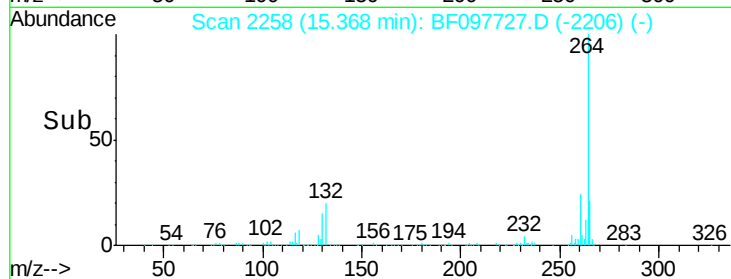
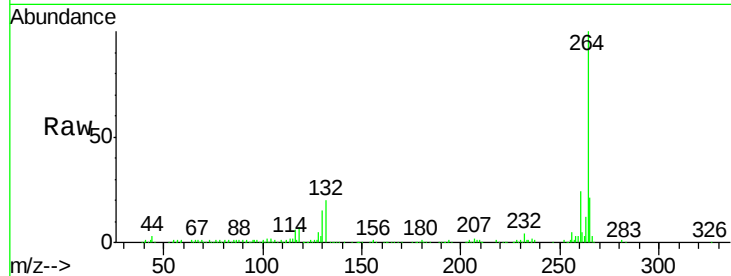
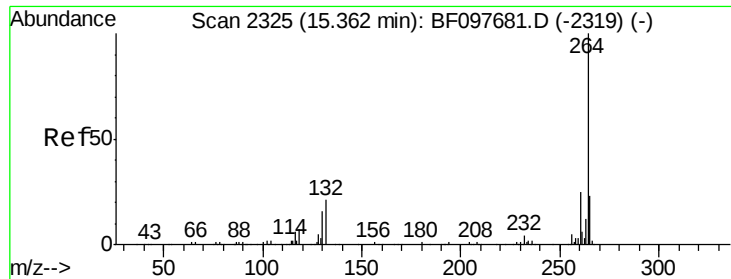


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097727.D
Acq: 16 Aug 2017 8:43

Instrument :
BNA_F
ClientSampleId :
E2-G9-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.9	17.2	25.8

