

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097531.D
 Acq On : 9 Aug 2017 22:29
 Operator : SJ/JU
 Sample : I4658-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L9-NSW

Quant Time: Aug 10 01:09:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

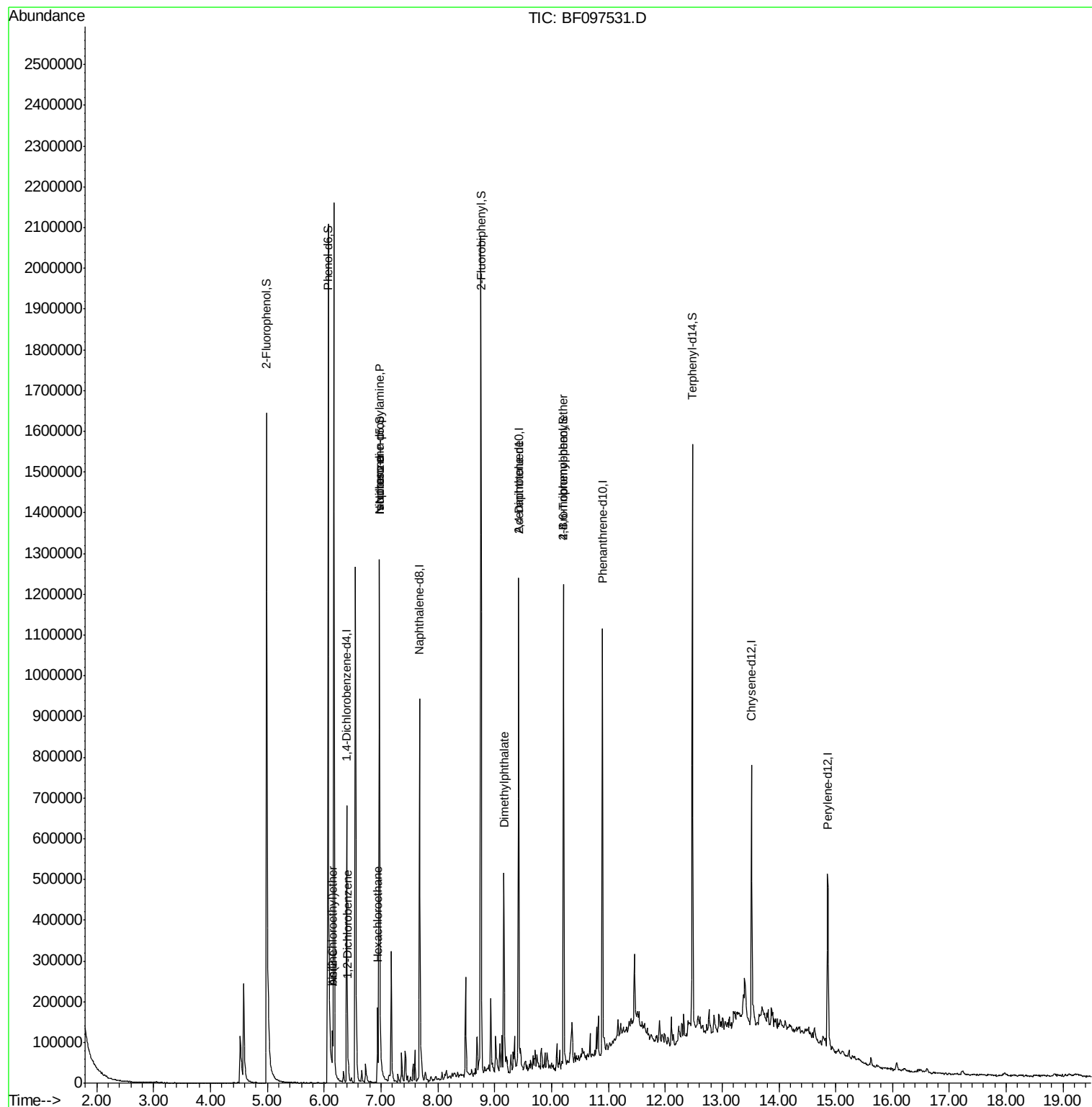
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	112944	20.00	ng	-0.02
21) Naphthalene-d8	7.68	136	470909	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	219858	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	382265	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	219534	20.00	ng	-0.02
86) Perylene-d12	14.86	264	178995	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	616796	82.33	ng	-0.02
7) Phenol-d6	6.07	99	800032	93.54	ng	-0.02
23) Nitrobenzene-d5	6.97	82	435030	54.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	139227	80.15	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	619155	47.79	ng	-0.02
78) Terphenyl-d14	12.48	244	453518	42.12	ng	-0.02
Target Compounds						
6) Aniline	6.15	93	33624	3.12	ng	# 51
11) bis(2-Chloroethyl)ether	6.15	93	33624	4.19	ng	89
14) 1,2-Dichlorobenzene	6.42	146	15900	2.13	ng	95
18) Hexachloroethane	6.94	117	7374	2.36	ng	# 1
19) n-Nitroso-di-n-propylamine	6.97	70	58897	10.46	ng	# 88
25) Isophorone	6.97	82	435027	27.67	ng	# 67
49) Dimethylphthalate	9.16	163	196732	11.78	ng	98
56) 2,4-Dinitrotoluene	9.42	165	29123	7.15	ng	# 34
66) 4-Bromophenyl-phenylether	10.21	248	8993	2.36	ng	# 1

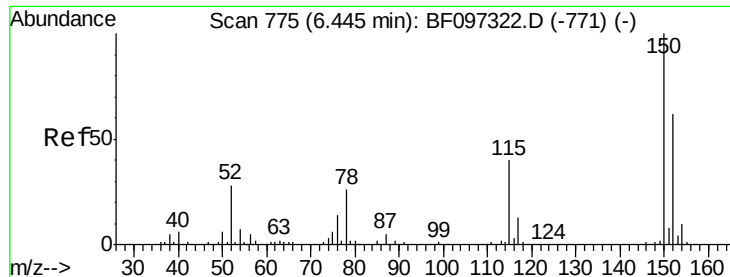
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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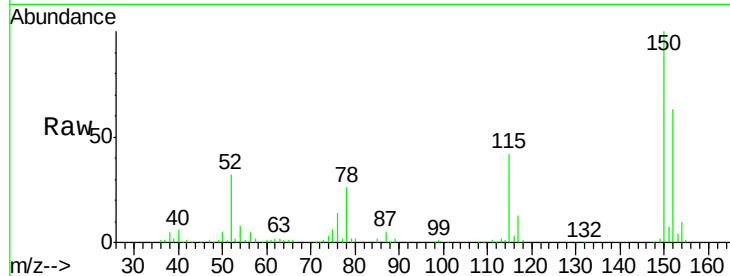


#1

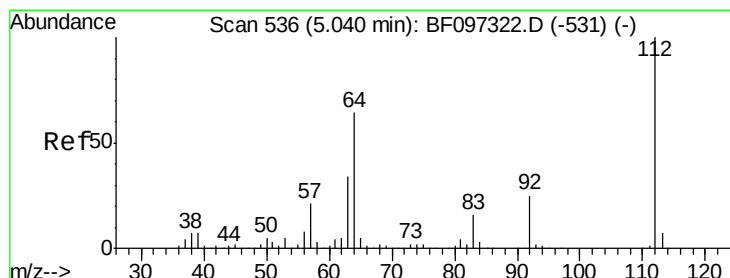
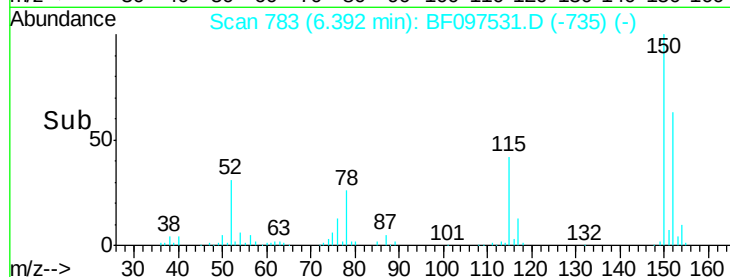
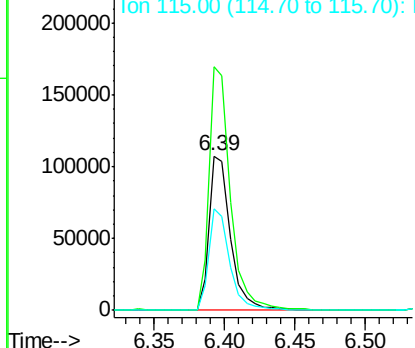
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-L9-NSW

Tot Ion:152 Resp: 112944
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 66.2 52.2 78.2



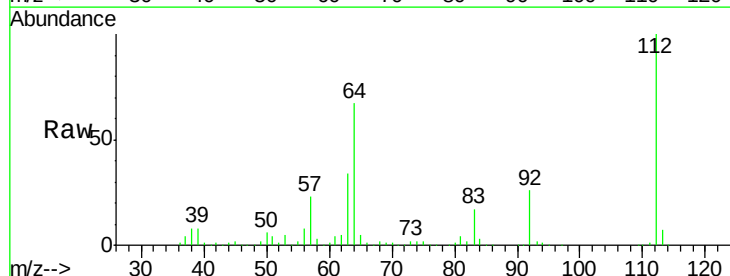
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



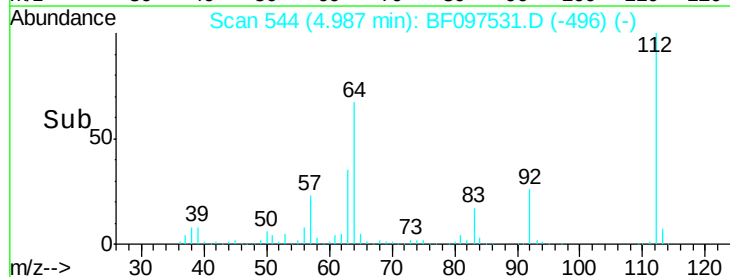
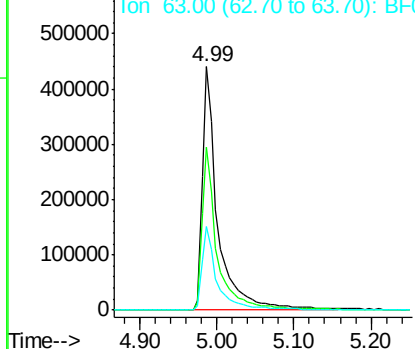
#5

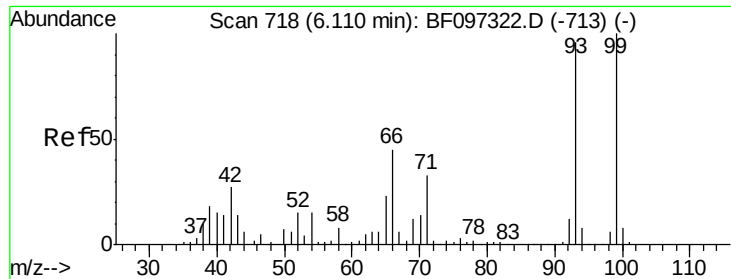
2-Fluorophenol
Concen: 82.33 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Tgt Ion:112 Resp: 616796
Ion Ratio Lower Upper
112 100
64 67.1 46.0 69.0
63 34.5 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





#6

Aniline

Concen: 3.12 ng

RT: 6.15 min Scan# 741

Delta R.T. 0.07 min

Lab File: BF097531.D

Acq: 9 Aug 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-L9-NSW

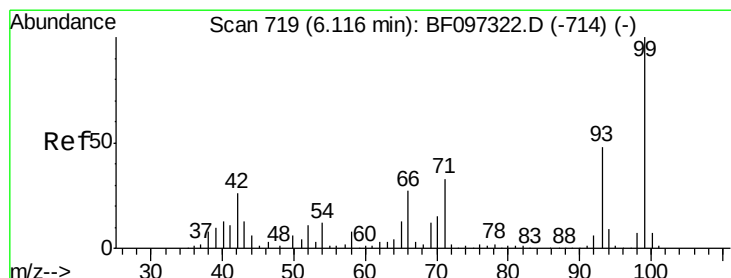
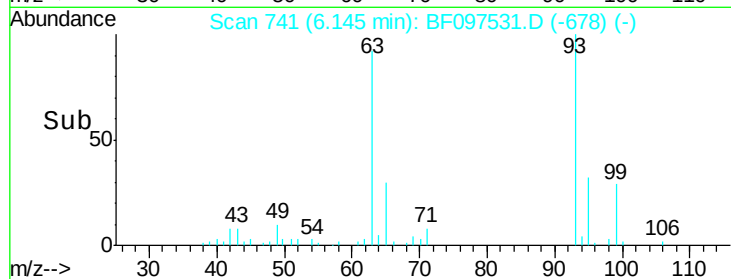
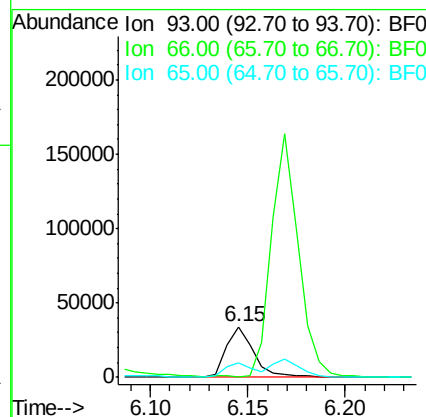
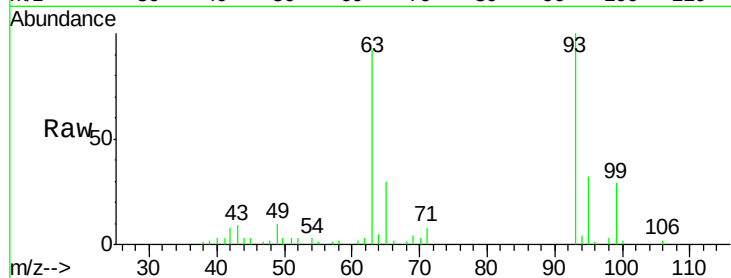
Tot Ion: 93 Resp: 33624

Ion Ratio Lower Upper

93 100

66 2.0 32.9 49.3#

65 29.8 16.0 24.0#



#7

Phenol-d6

Concen: 93.54 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097531.D

Acq: 9 Aug 2017 22:29

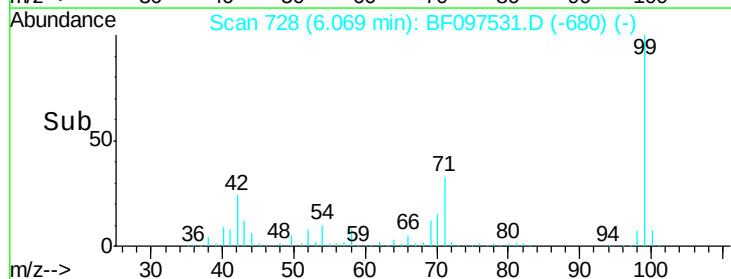
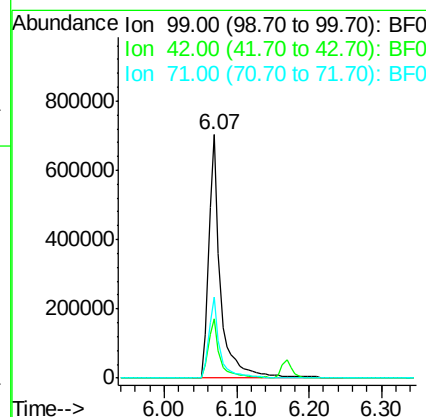
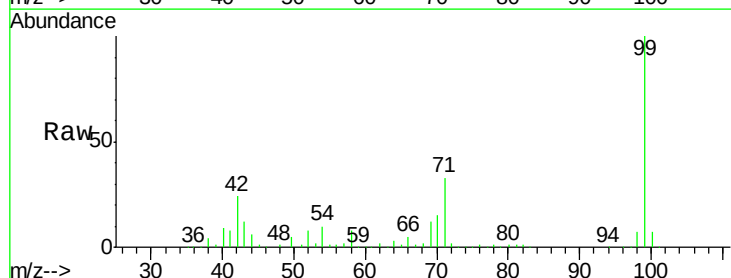
Tgt Ion: 99 Resp: 800032

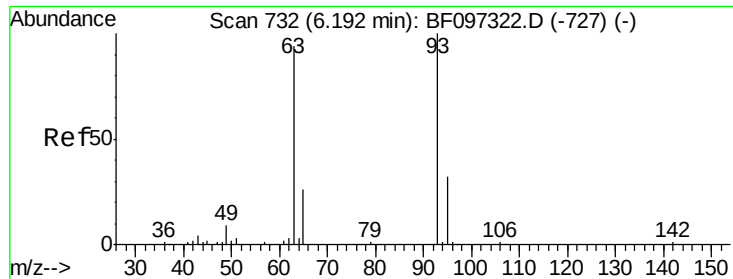
Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

71 33.2 24.5 36.7

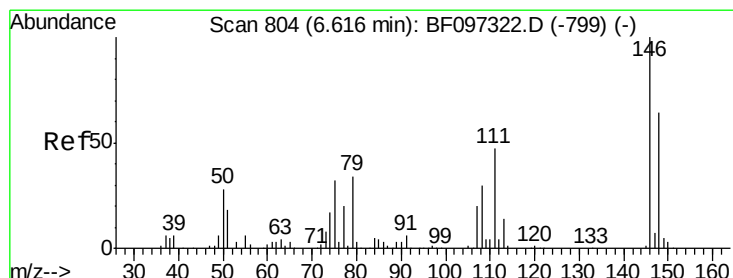
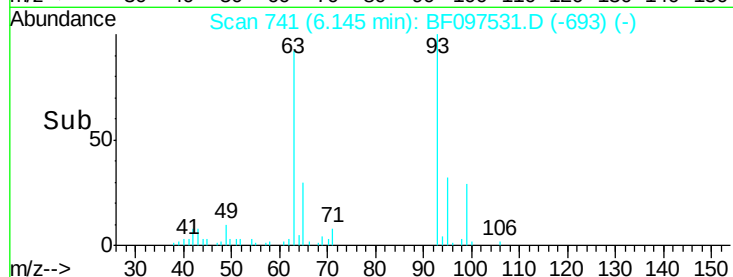
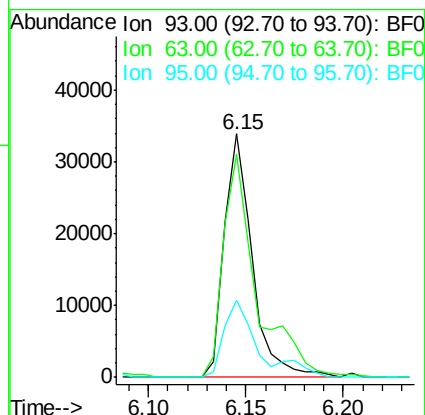
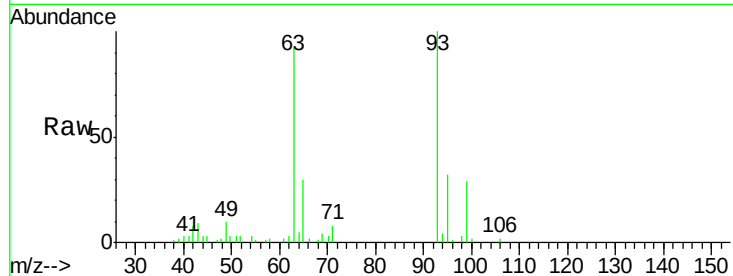




#11
bis(2-Chloroethyl)ether
Concen: 4.19 ng
RT: 6.15 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

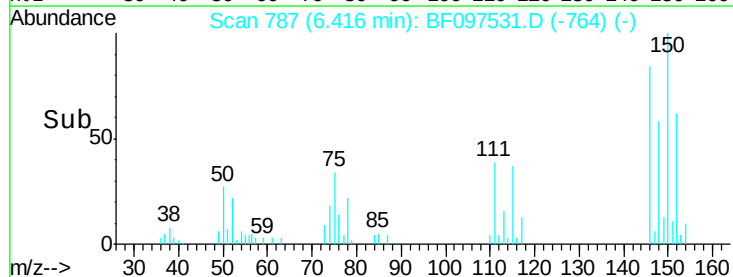
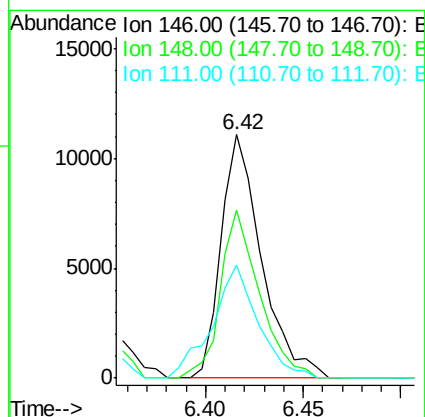
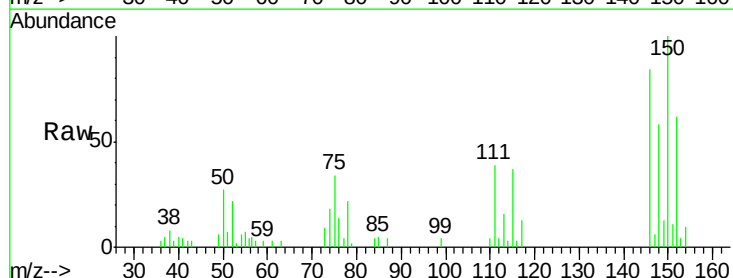
Instrument :
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E2-L9-NSW

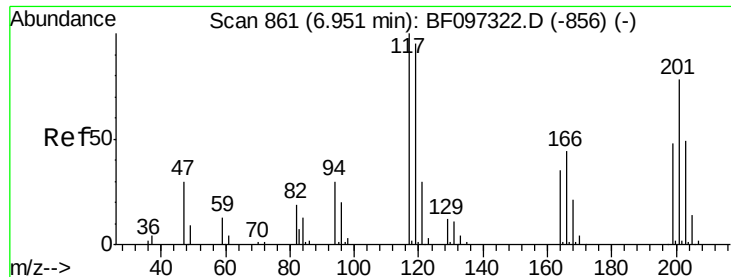
Tot Ion: 93 Resp: 33624
Ion Ratio Lower Upper
93 100
63 91.7 59.2 99.2
95 31.5 12.8 52.8



#14
1,2-Dichlorobenzene
Concen: 2.13 ng
RT: 6.42 min Scan# 787
Delta R.T. -0.16 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Tgt Ion: 146 Resp: 15900
Ion Ratio Lower Upper
146 100
148 69.0 50.4 75.6
111 46.2 38.2 57.4

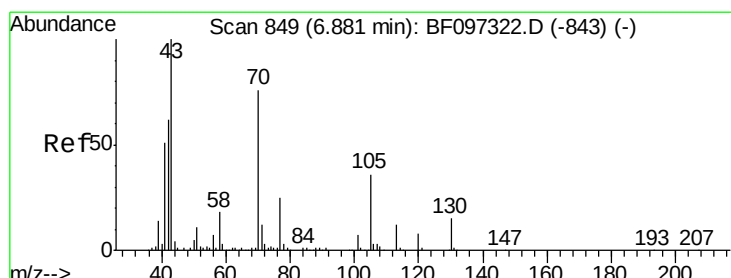
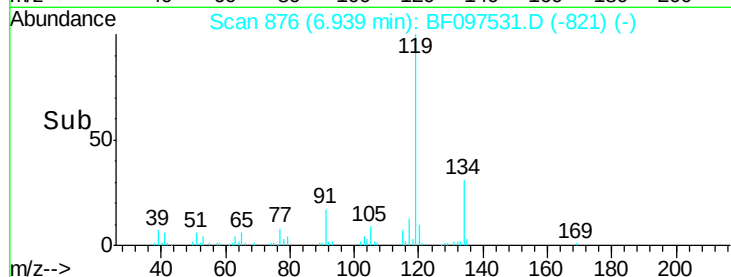
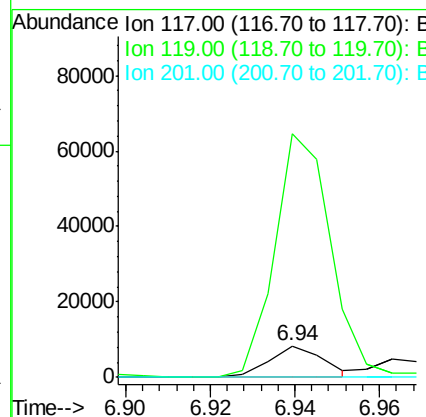
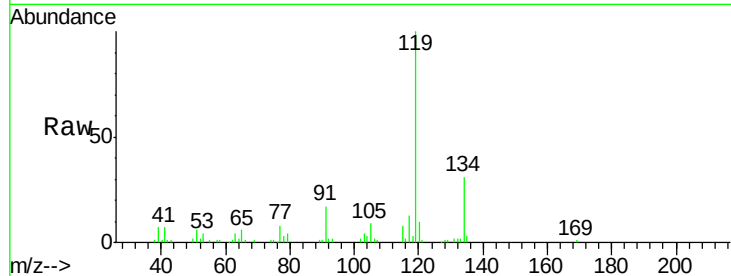




#18
Hexachloroethane
Concen: 2.36 ng
RT: 6.94 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

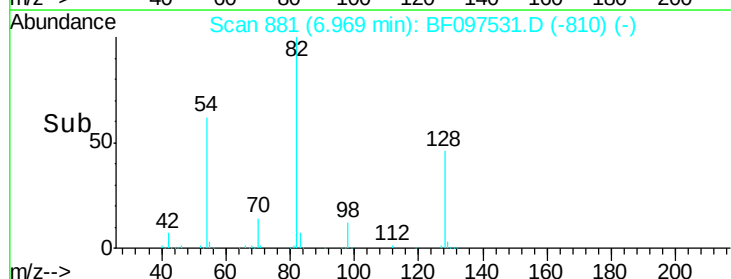
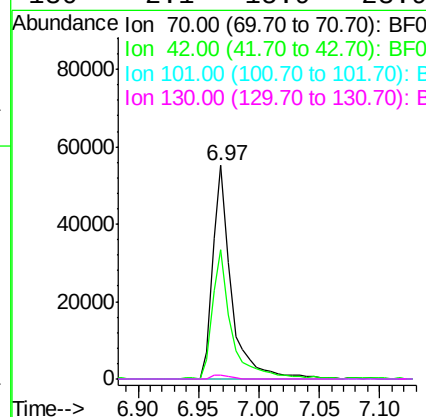
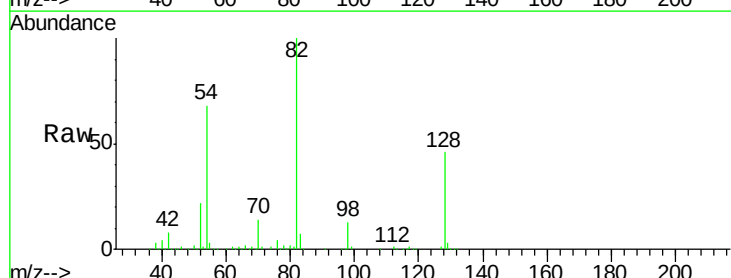
Instrument :
BNA_F
ClientSampleId :
E2-L9-NSW

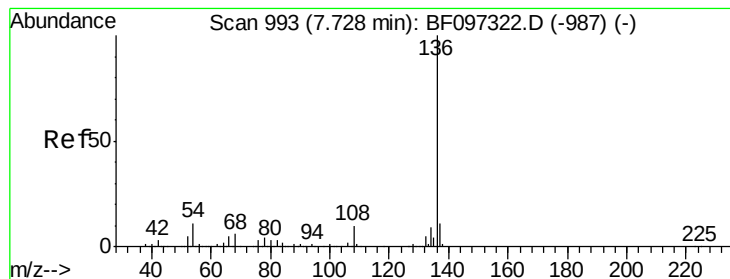
Tot Ion:117 Resp: 7374
Ion Ratio Lower Upper
117 100
119 776.8 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 10.46 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Tgt Ion: 70 Resp: 58897
Ion Ratio Lower Upper
70 100
42 60.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097531.D

Acq: 9 Aug 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-L9-NSW

Tot Ion:136 Resp: 470909

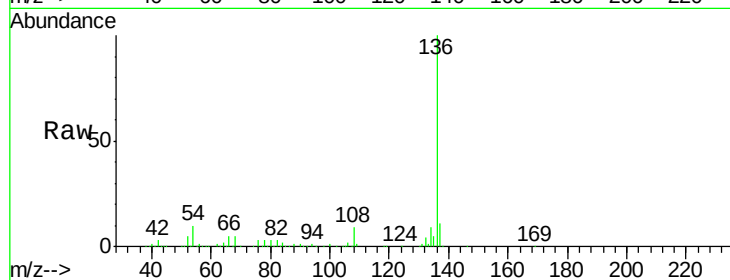
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.2 4.9 7.3#

68 5.1 4.1 6.1

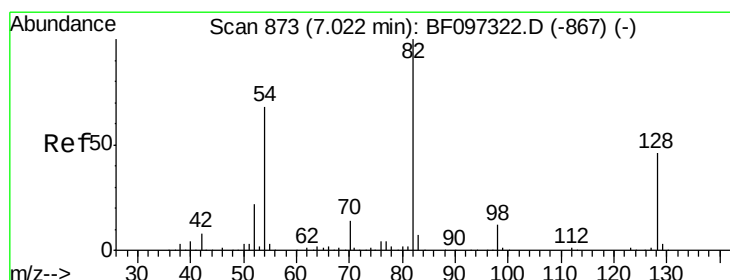
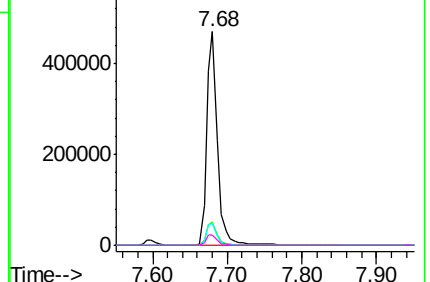
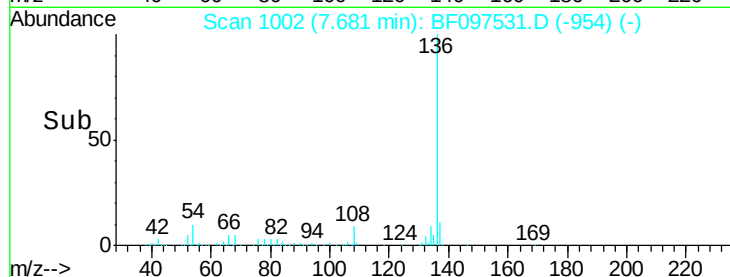


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 54.19 ng

RT: 6.97 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF097531.D

Acq: 9 Aug 2017 22:29

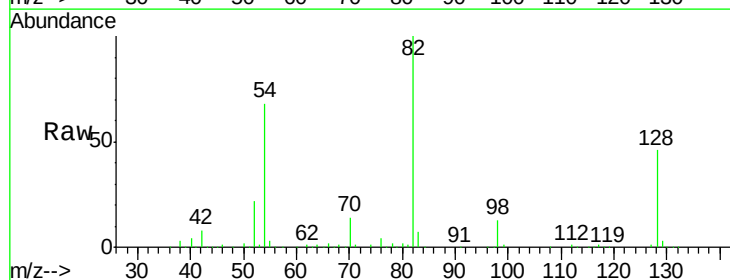
Tgt Ion: 82 Resp: 435030

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

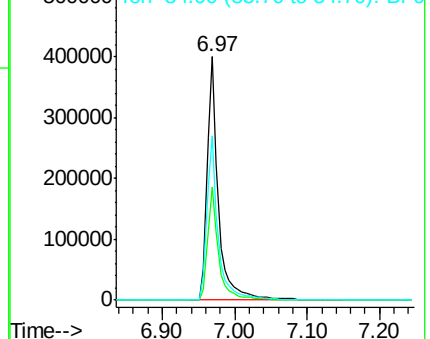
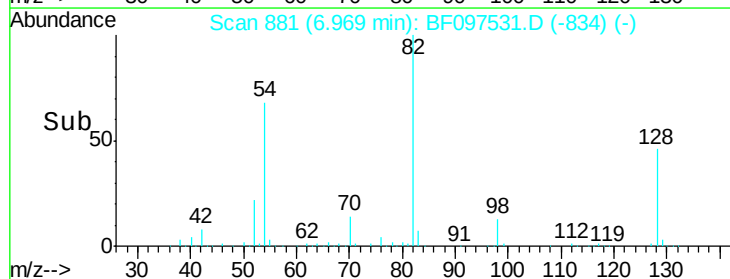
54 67.6 42.2 63.2#

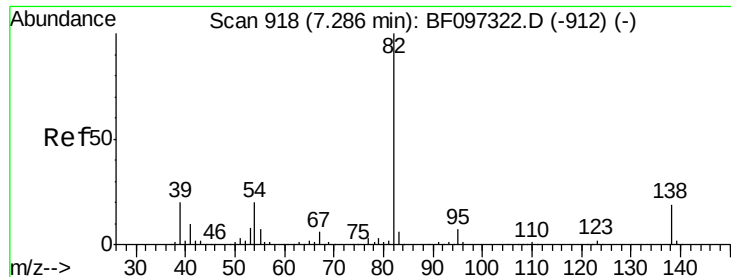


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

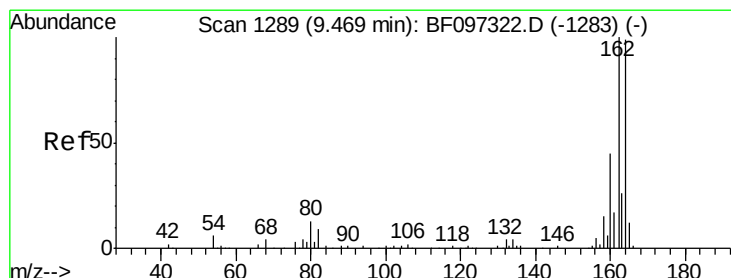
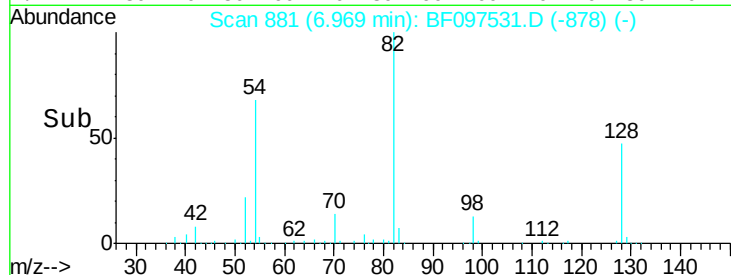
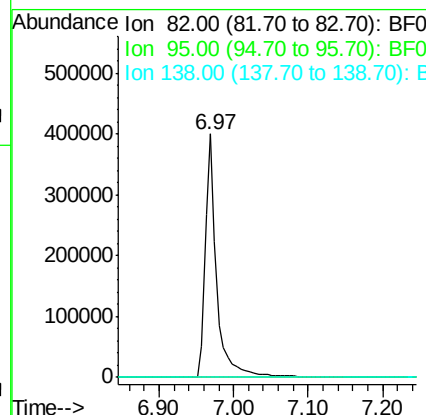
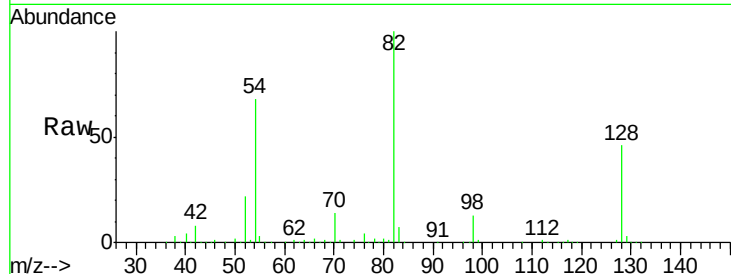




#25
Isophorone
Concen: 27.67 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

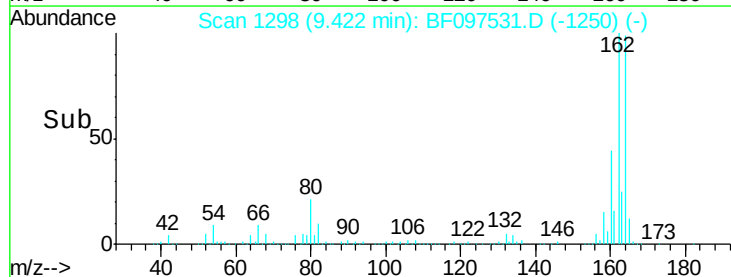
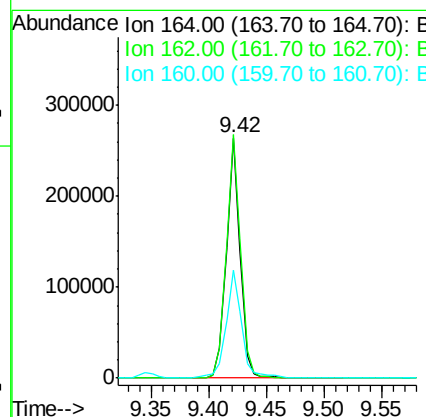
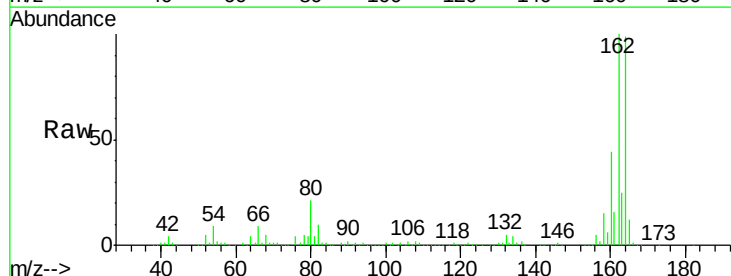
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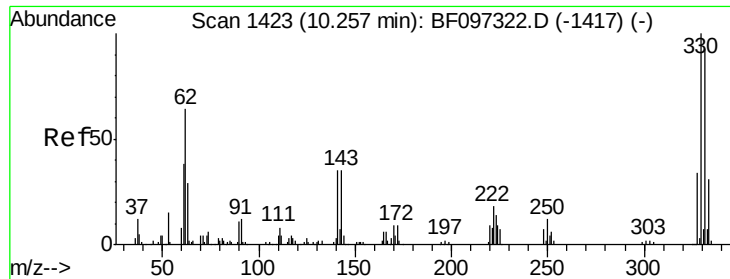
Tot Ion: 82 Resp: 435027
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Tgt Ion: 164 Resp: 219858
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 45.0 36.2 54.2

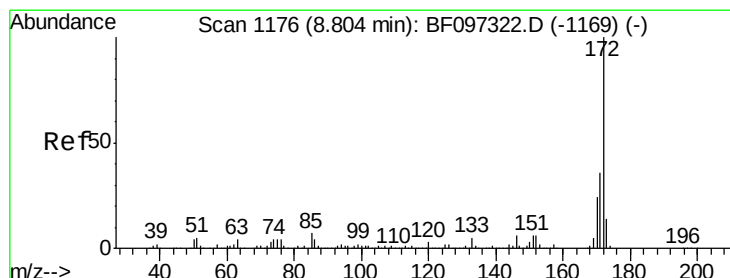
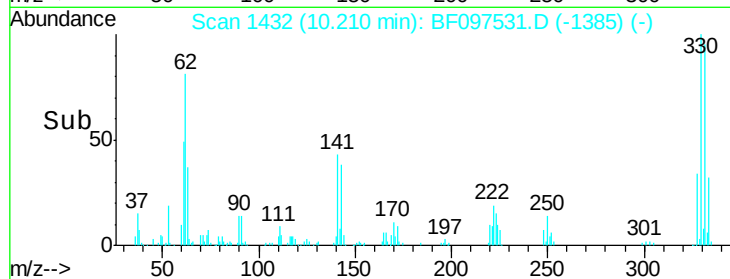
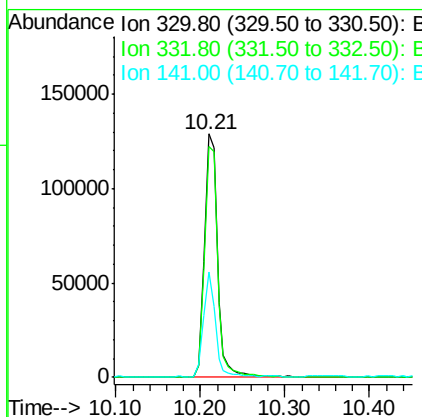
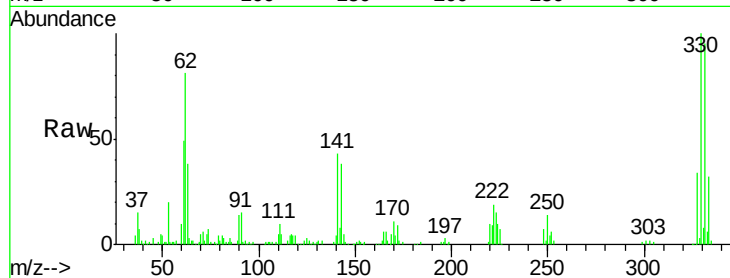




#41
 2,4,6-Tribromophenol
 Concen: 80.15 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097531.D
 Acq: 9 Aug 2017 22:29

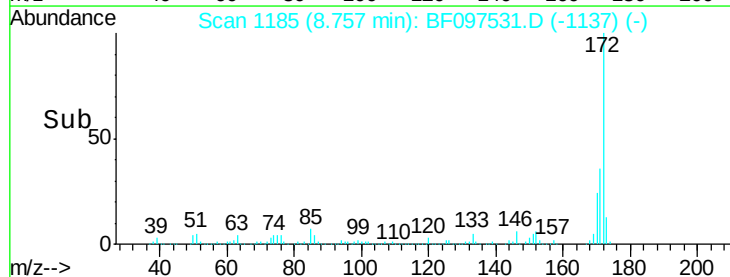
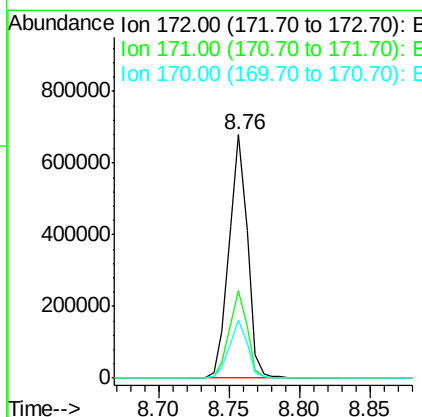
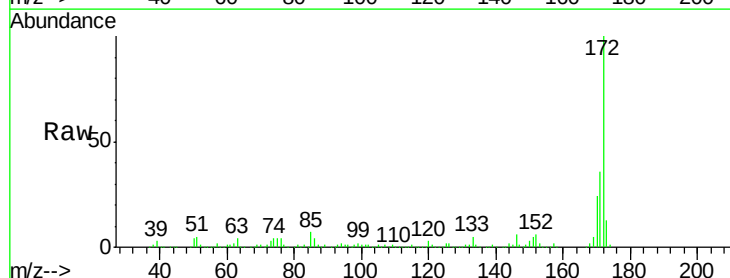
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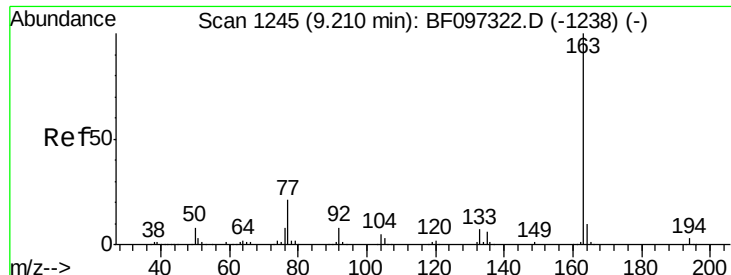
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 47.79 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097531.D
 Acq: 9 Aug 2017 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

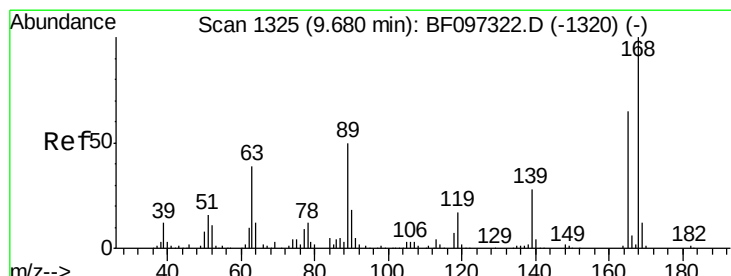
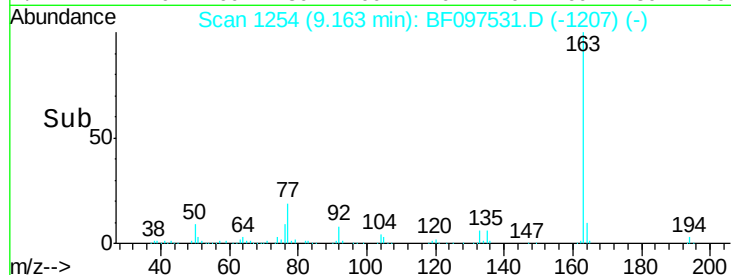
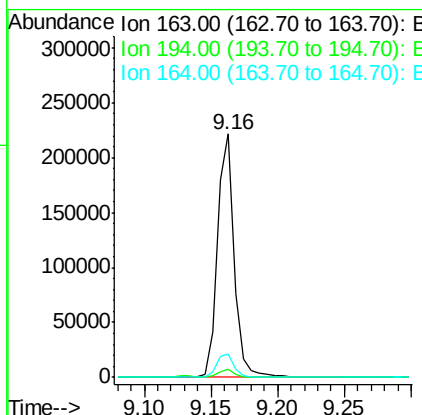
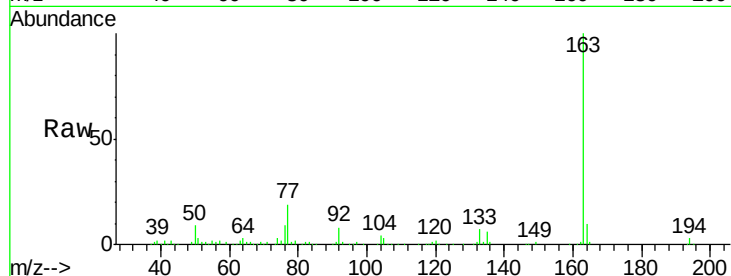




#49
Dimethylphthalate
Concen: 11.78 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

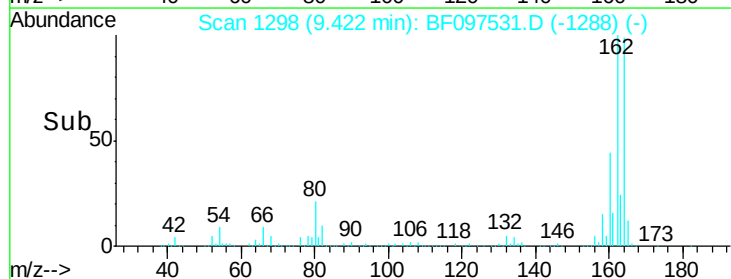
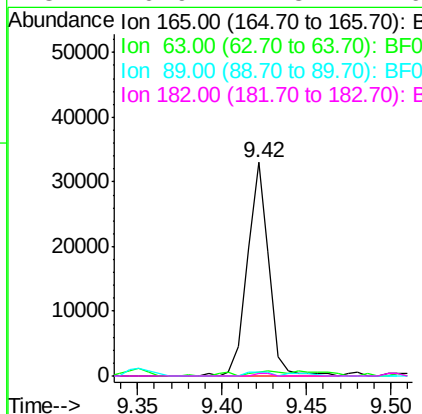
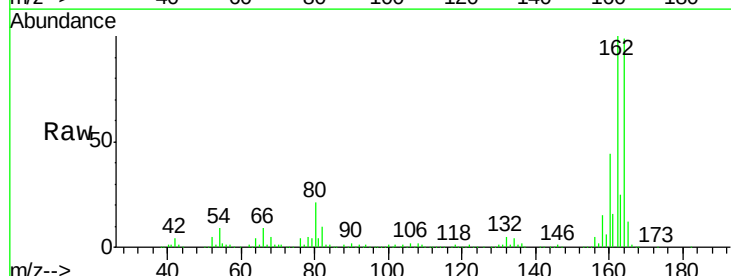
Instrument :
BNA_F
ClientSampleId :
E2-L9-NSW

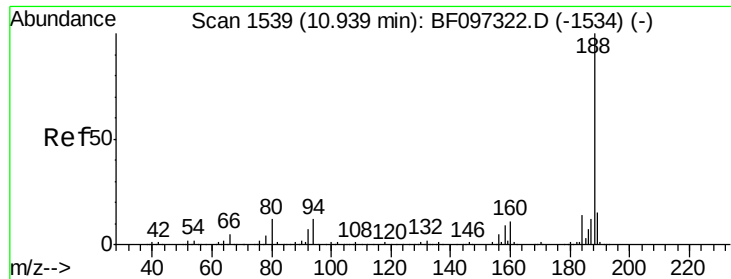
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.6	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.9	1.8	2.6#

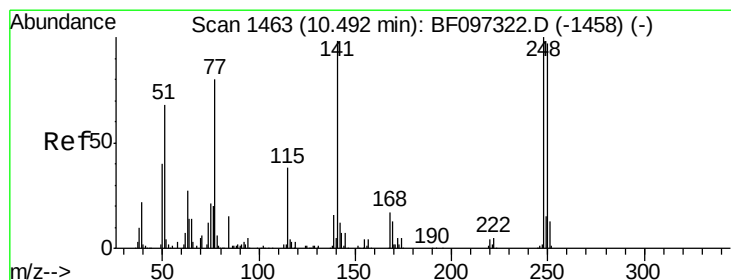
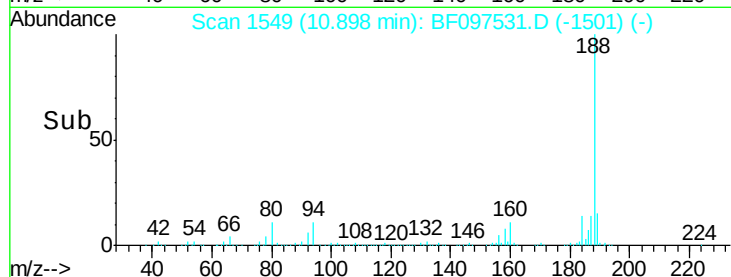
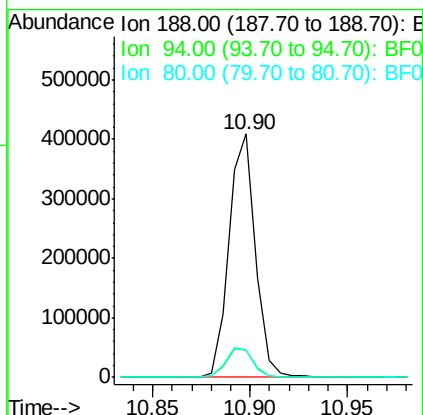
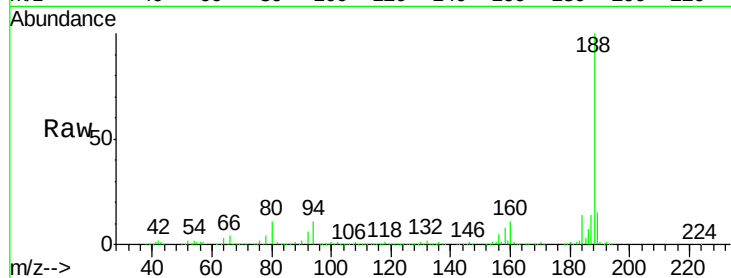




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

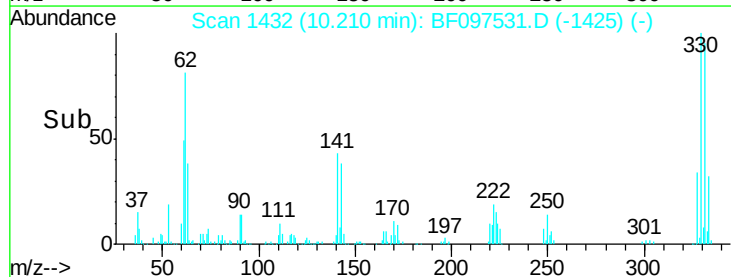
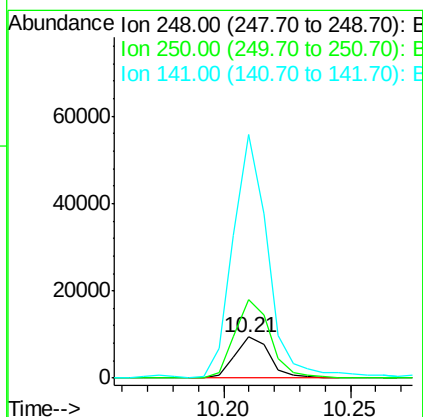
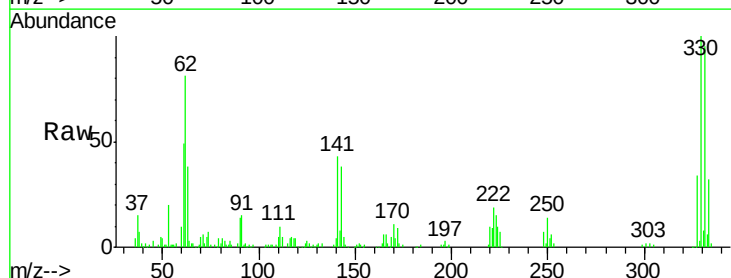
Instrument :
BNA_F
ClientSampleId :
E2-L9-NSW

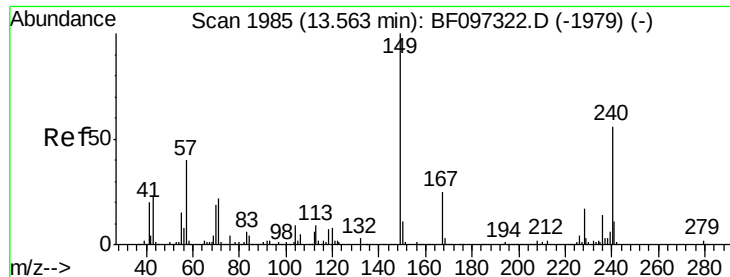
Tot Ion:188 Resp: 382265
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.4 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 2.36 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Tgt Ion:248 Resp: 8993
Ion Ratio Lower Upper
248 100
250 191.2 76.8 115.2#
141 590.4 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097531.D

Acq: 9 Aug 2017 22:29

Instrument :

BNA_F

ClientSampleId :

E2-L9-NSW

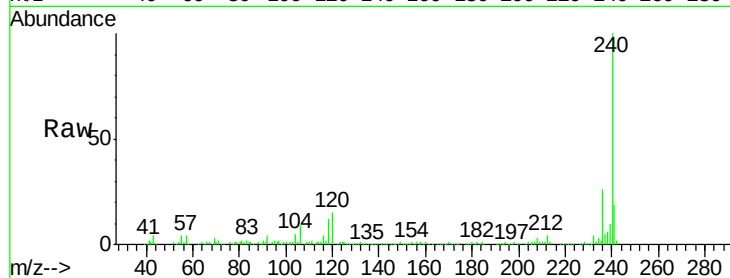
Tot Ion:240 Resp: 219534

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

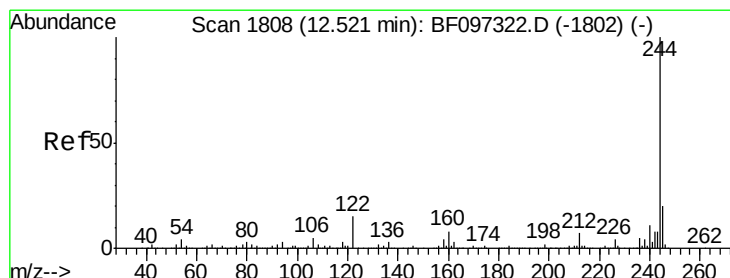
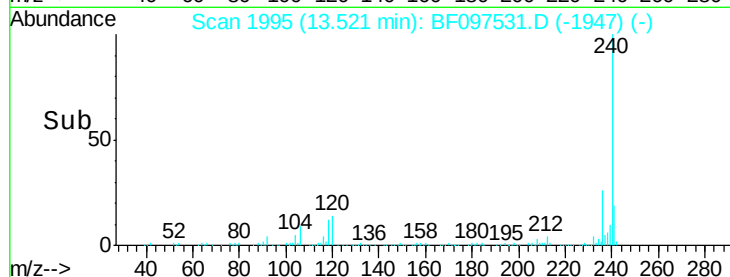
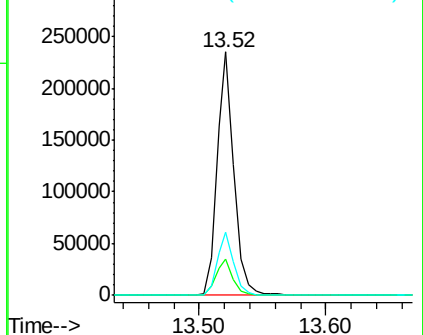
236 25.8 20.5 30.7



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: 42.12 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097531.D

Acq: 9 Aug 2017 22:29

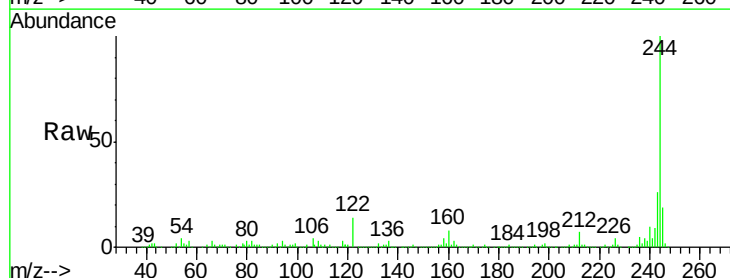
Tgt Ion:244 Resp: 453518

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

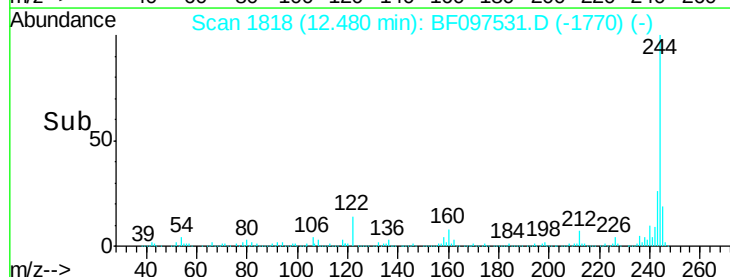
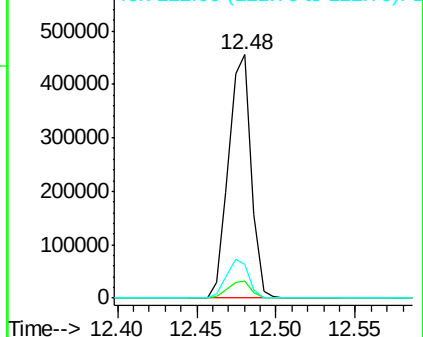
122 14.1 10.3 15.5

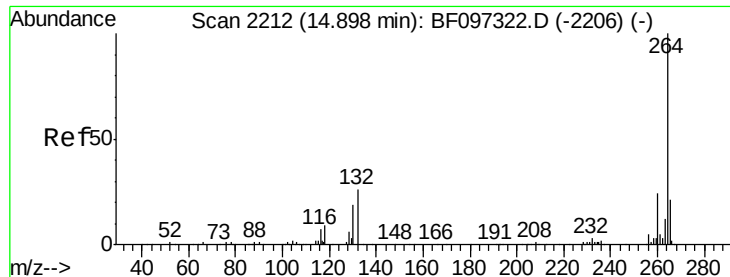


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

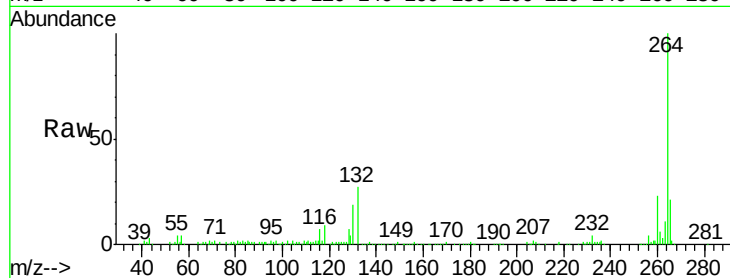




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097531.D
Acq: 9 Aug 2017 22:29

Instrument :
BNA_F
ClientSampleId :
E2-L9-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.3	17.2	25.8



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

