

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097521.D
 Acq On : 9 Aug 2017 17:51
 Operator : SJ/JU
 Sample : I4636-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

Quant Time: Aug 09 18:44:41 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

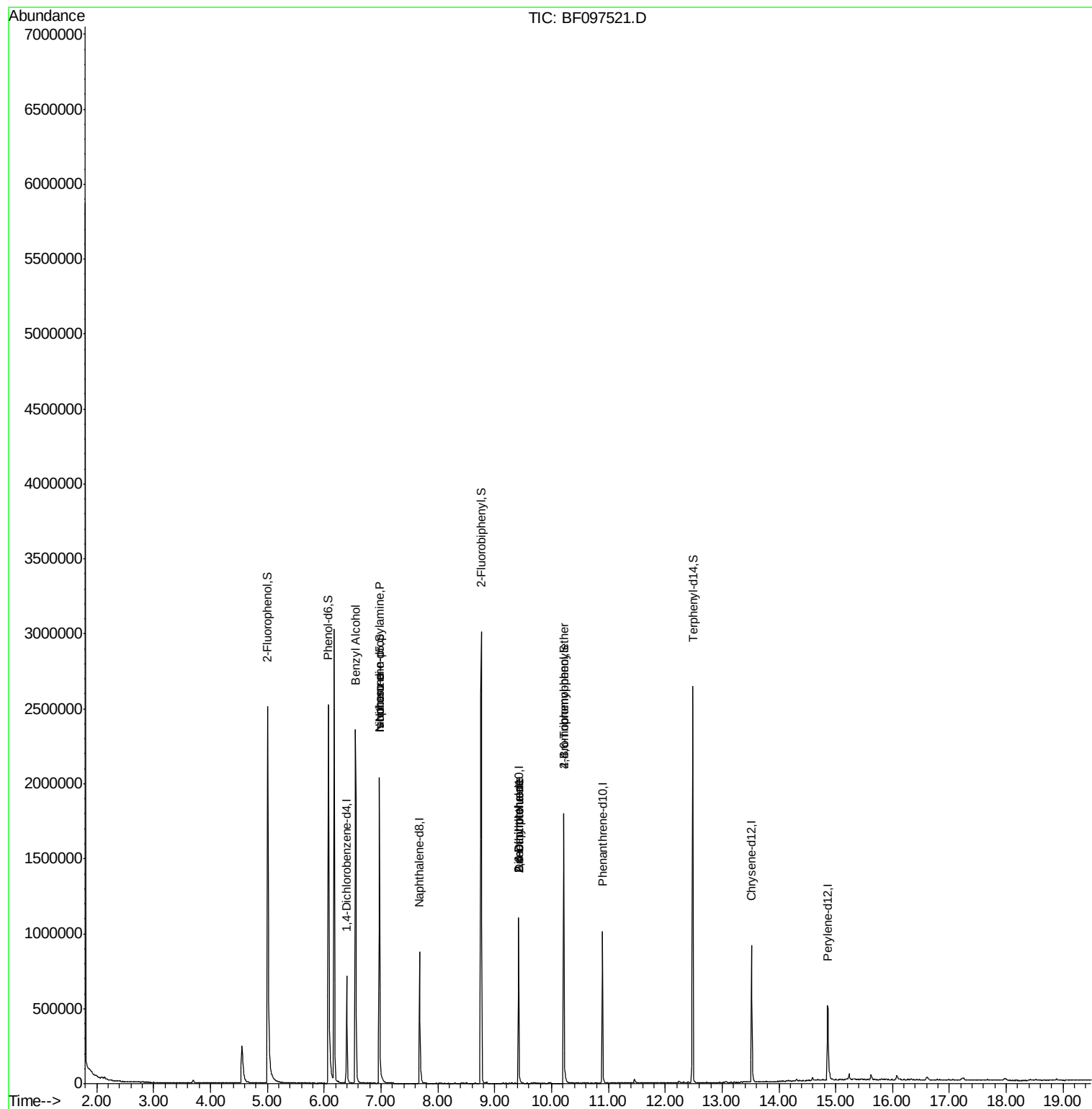
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	110480	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	441013	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	221929	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	354942	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	316442	20.00	ng	-0.02
86) Perylene-d12	14.86	264	218600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	964303	131.58	ng	0.00
7) Phenol-d6	6.07	99	1084342	129.60	ng	-0.01
23) Nitrobenzene-d5	6.97	82	703784	93.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	239951	136.84	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1109716	84.86	ng	-0.01
78) Terphenyl-d14	12.49	244	1010809	65.13	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.55	79	11157	2.106	ng	# 42
19) n-Nitroso-di-n-propylamine	6.97	70	96571	17.535	ng	# 88
25) Isophorone	6.97	82	703780	47.804	ng	# 67
49) Dimethylphthalate	9.43	163	65859	3.908	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	27455	7.681	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	27455	6.682	ng	# 33
66) 4-Bromophenyl-phenylether	10.22	248	15152	4.278	ng	# 1

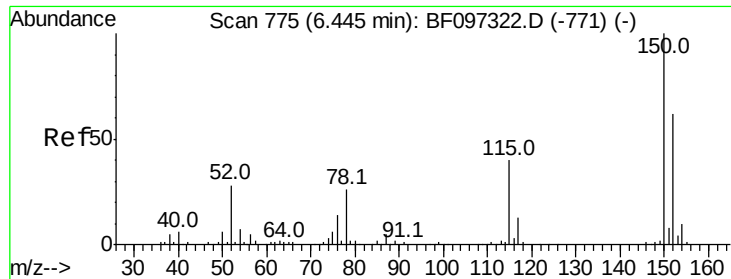
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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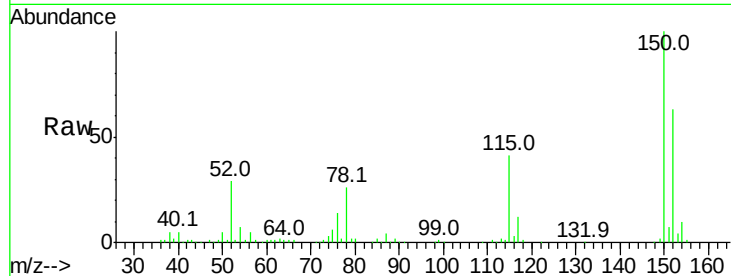


#1

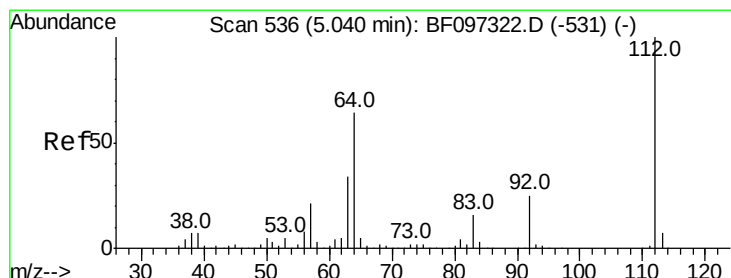
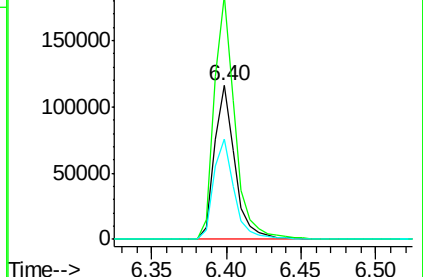
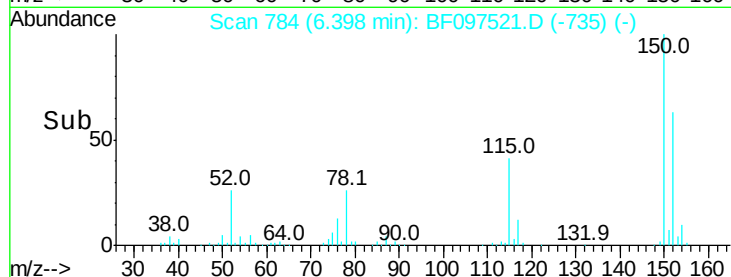
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

Tot Ion:152 Resp: 110480
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 65.6 52.2 78.2



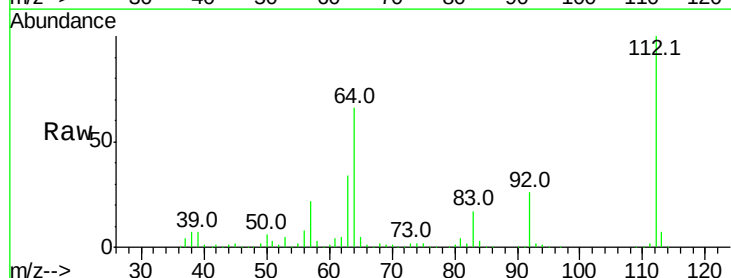
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



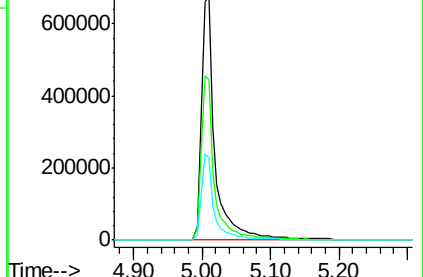
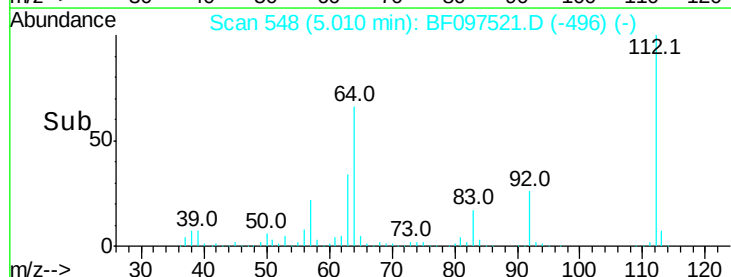
#5

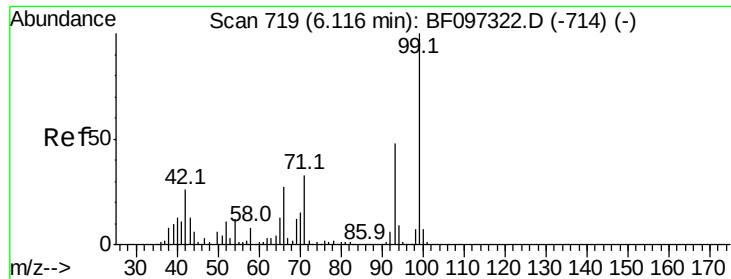
2-Fluorophenol
Concen: 131.578 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

Tgt Ion:112 Resp: 964303
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 33.9 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: 129.603 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097521.D

Acq: 9 Aug 2017 17:51

Instrument :

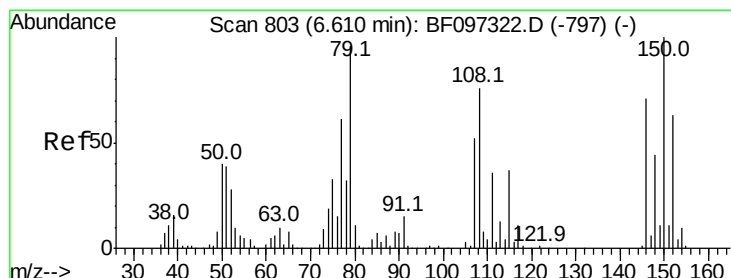
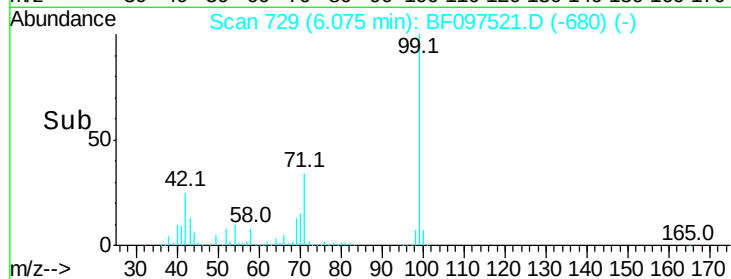
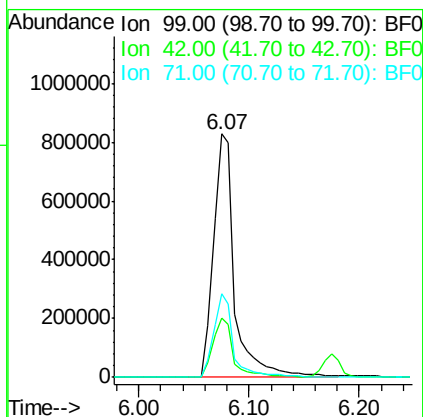
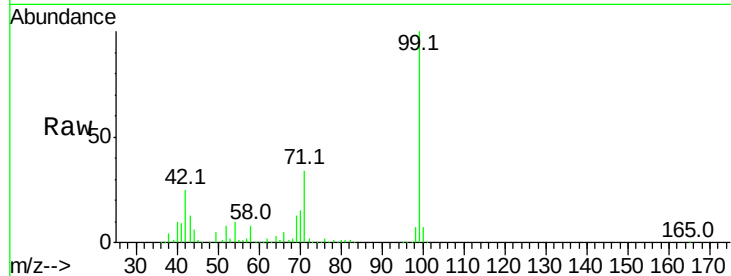
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1084342

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.5	20.3#
71	34.4	24.5	36.7



#15

Benzyl Alcohol

Concen: 2.106 ng

RT: 6.55 min Scan# 810

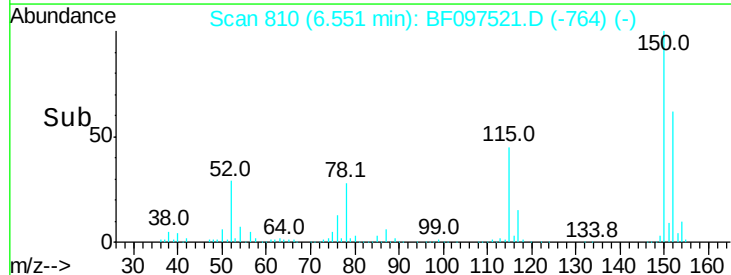
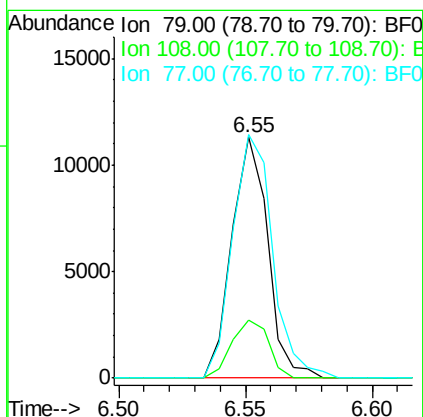
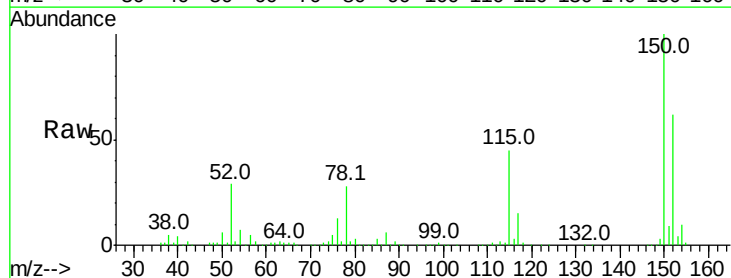
Delta R.T. -0.03 min

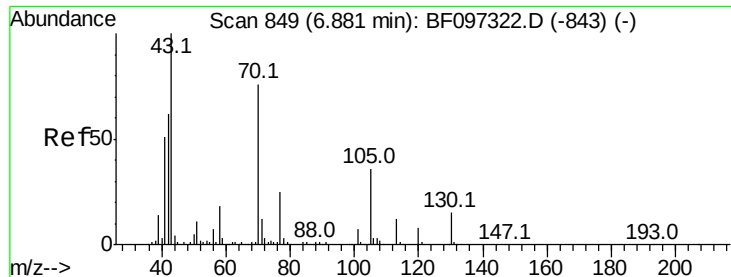
Lab File: BF097521.D

Acq: 9 Aug 2017 17:51

Tgt Ion: 79 Resp: 11157

Ion	Ratio	Lower	Upper
79	100		
108	23.9	63.4	95.0#
77	101.2	49.2	73.8#

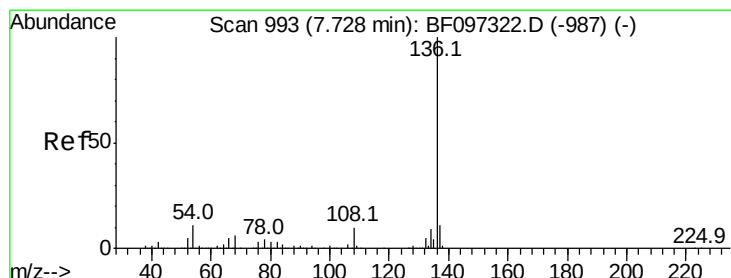
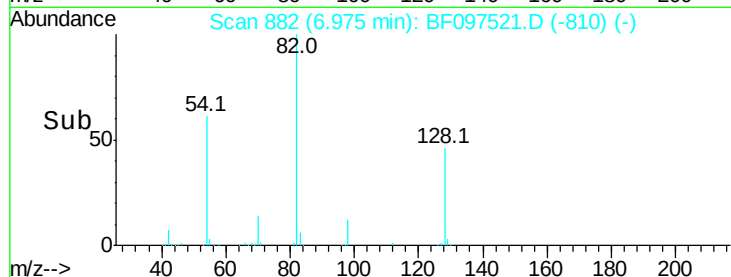
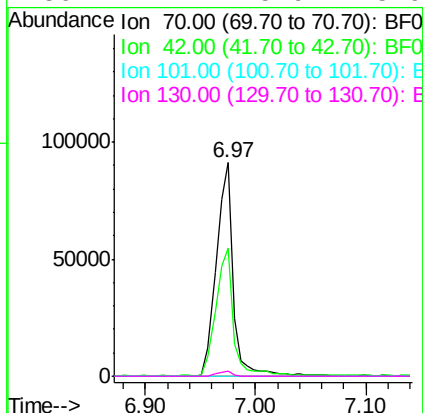
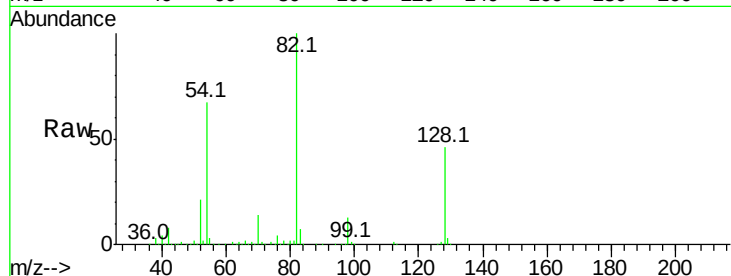




#19
n-Nitroso-di-n-propylamine
Concen: 17.535 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

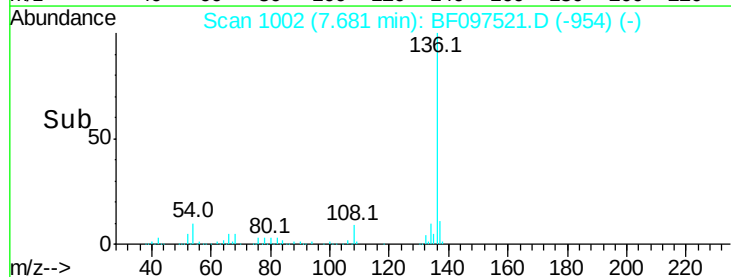
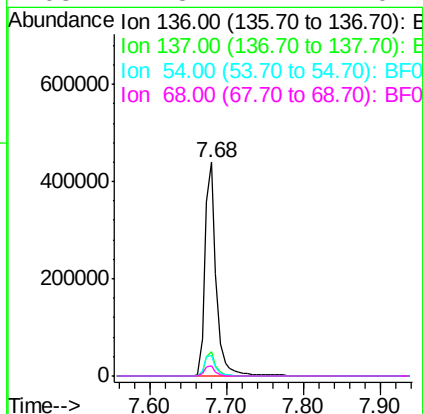
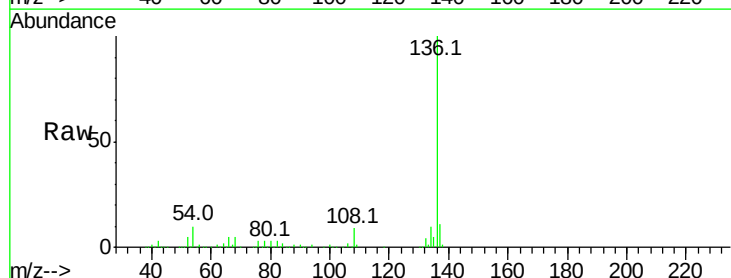
Instrument :
BNA_F
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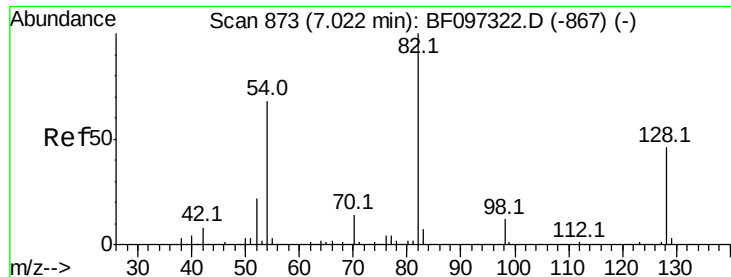
Tot Ion: 70 Resp: 96571
Ion Ratio Lower Upper
70 100
42 59.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

Tgt Ion: 136 Resp: 441013
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 9.8 4.9 7.3#
68 4.8 4.1 6.1

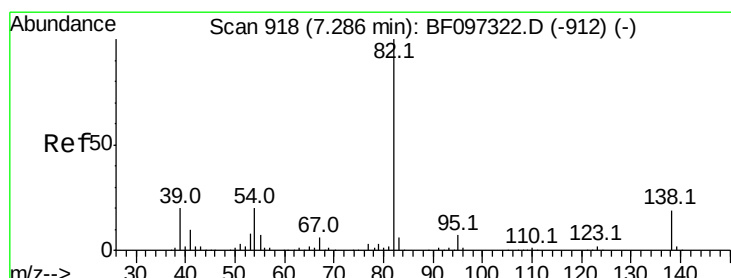
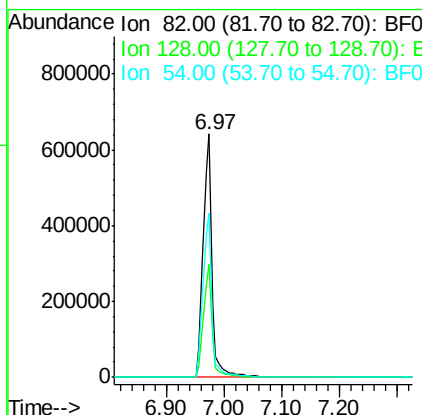
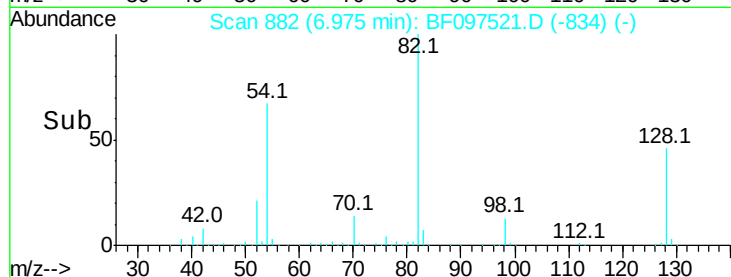
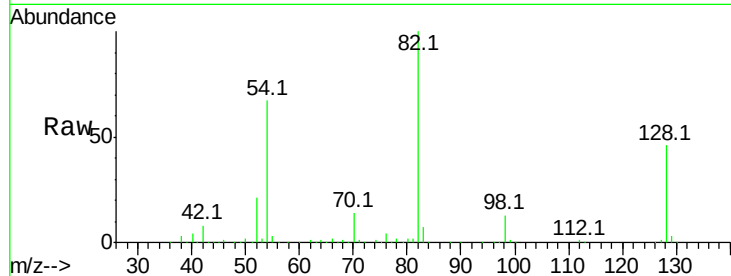




#23
 Nitrobenzene-d5
 Concen: 93.618 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097521.D
 Acq: 9 Aug 2017 17:51

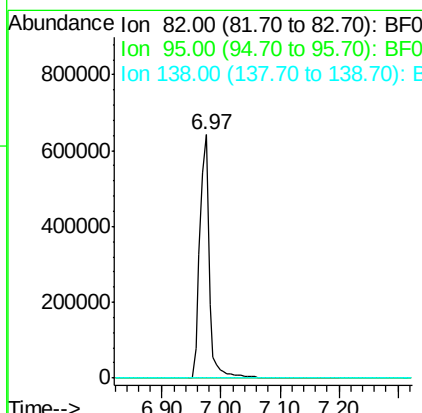
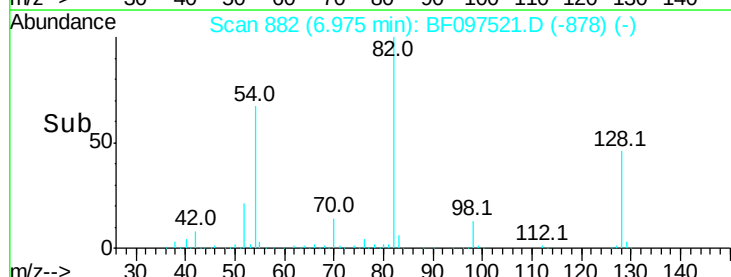
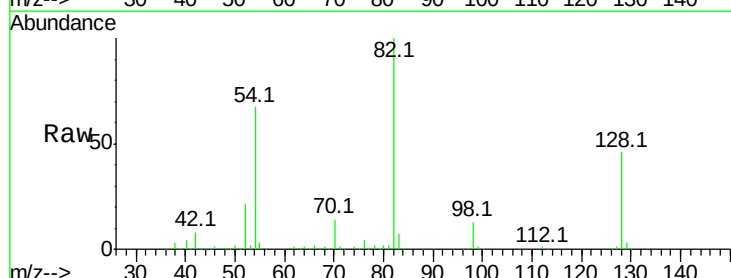
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

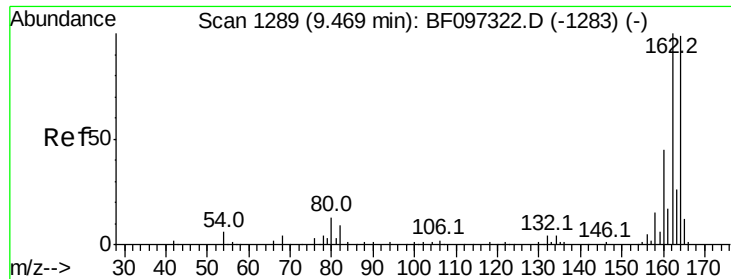
Tot Ion: 82 Resp: 703784
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 67.5 42.2 63.2#



#25
 Isophorone
 Concen: 47.804 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.28 min
 Lab File: BF097521.D
 Acq: 9 Aug 2017 17:51

Tgt Ion: 82 Resp: 703780
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

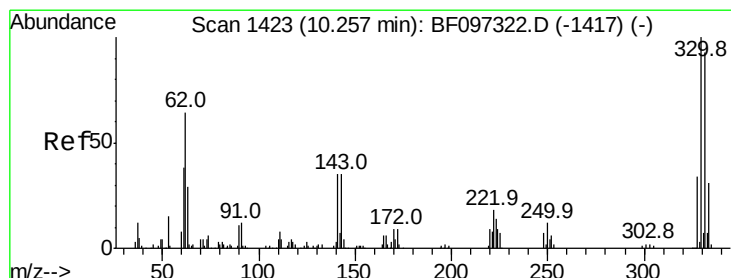
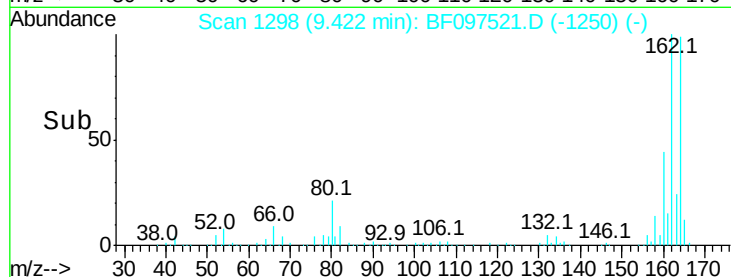
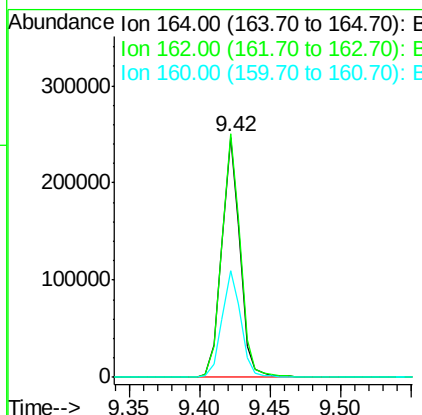
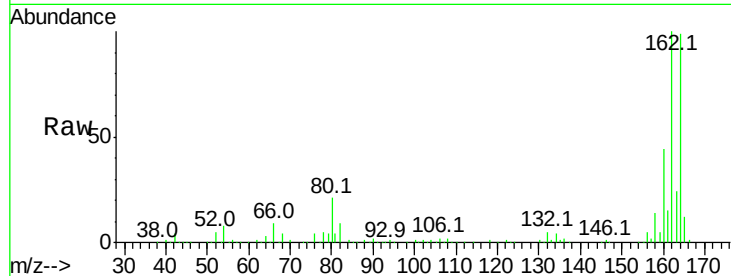




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

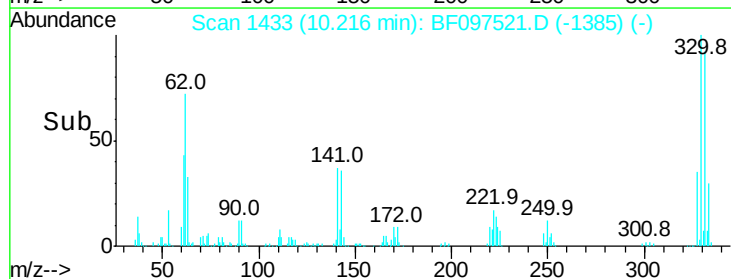
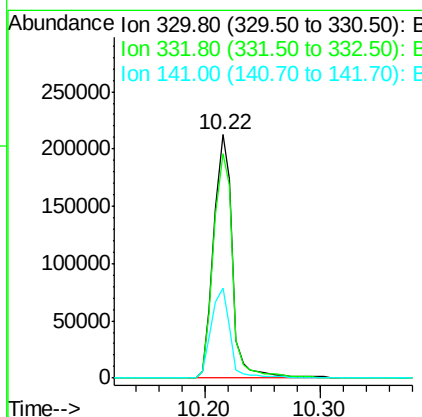
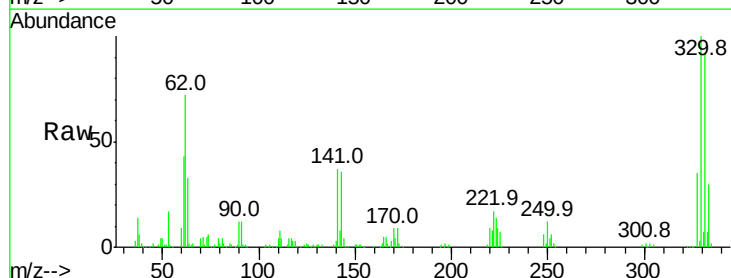
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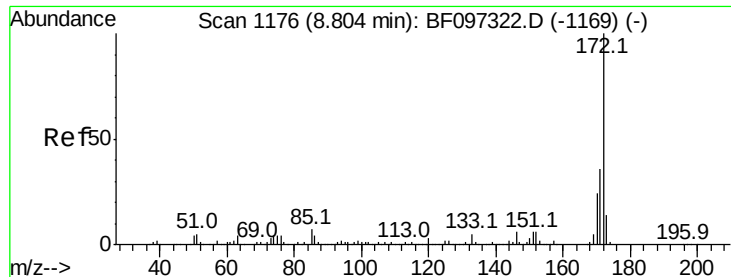
Tot Ion:164 Resp: 221929
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 44.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 136.845 ng
RT: 10.22 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

Tgt Ion:330 Resp: 239951
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 37.6 31.4 47.2

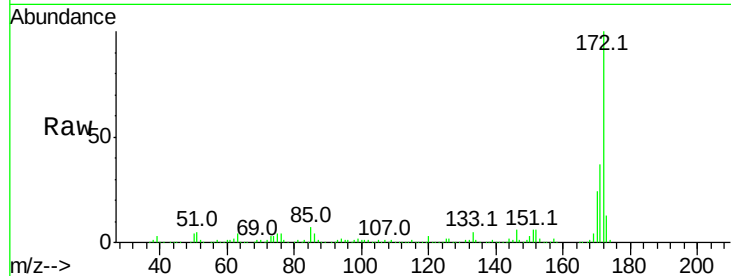




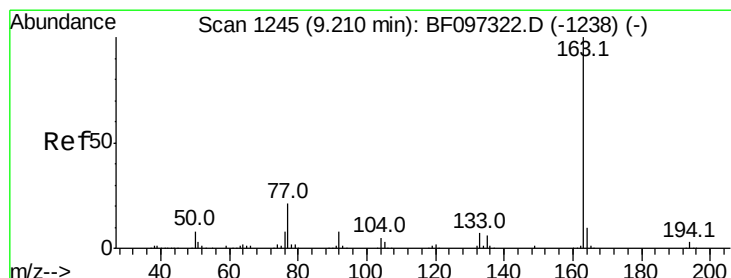
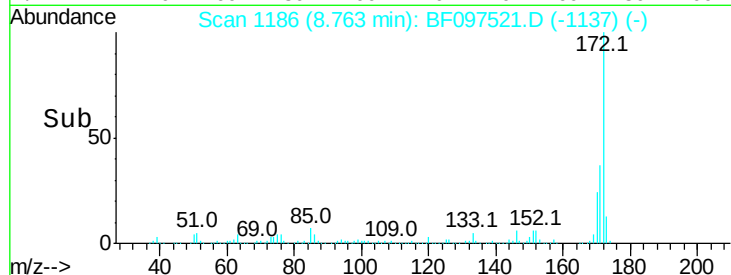
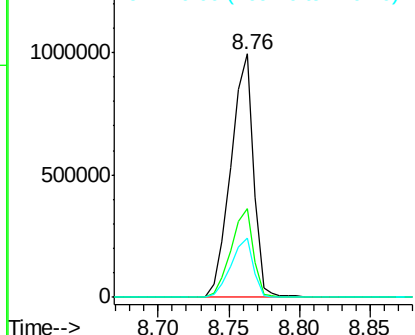
#44
2-Fluorobiphenyl
Concen: 84.860 ng
RT: 8.76 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

Instrument :
BNA_F
ClientSampleId :
SU-03-080417

Tot Ion:172 Resp: 1109716
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.8 29.8

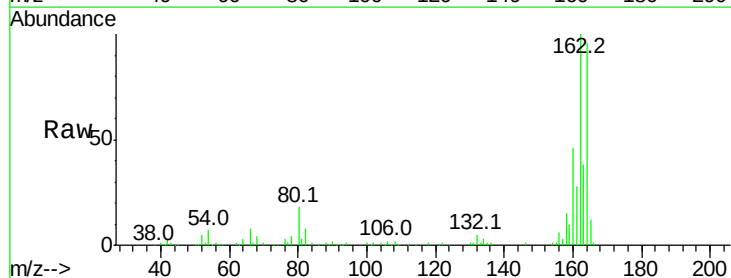


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

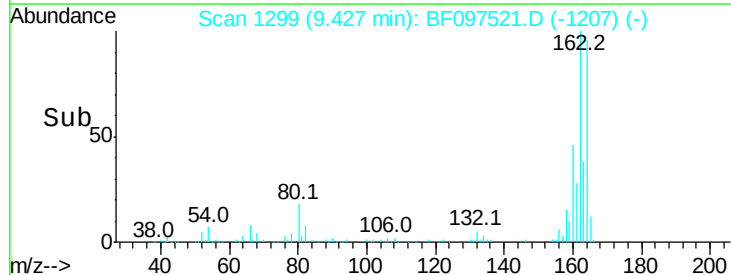
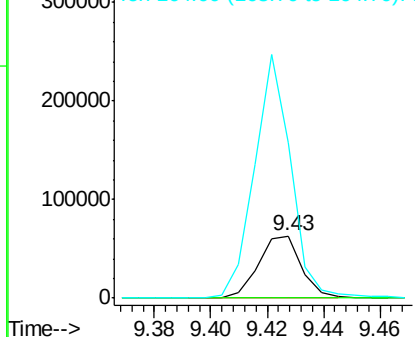


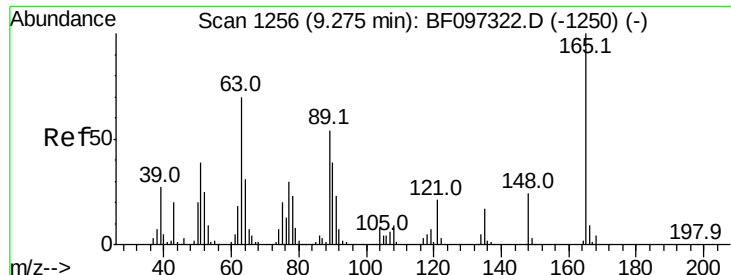
#49
Dimethylphthalate
Concen: 3.908 ng
RT: 9.43 min Scan# 1299
Delta R.T. 0.24 min
Lab File: BF097521.D
Acq: 9 Aug 2017 17:51

Tgt Ion:163 Resp: 65859
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 249.8 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

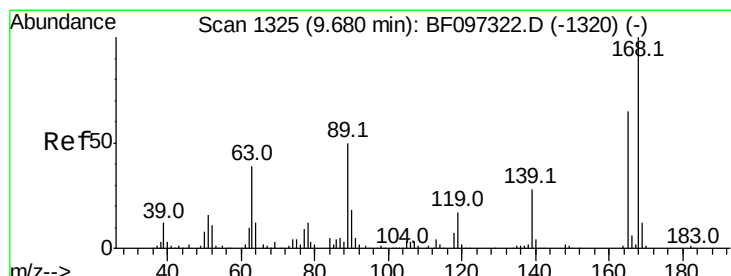
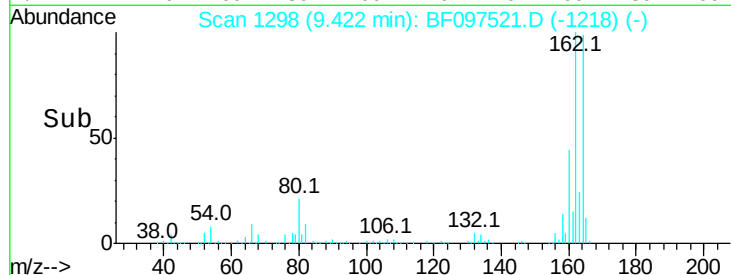
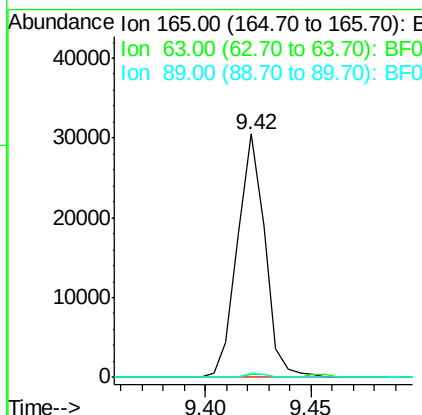
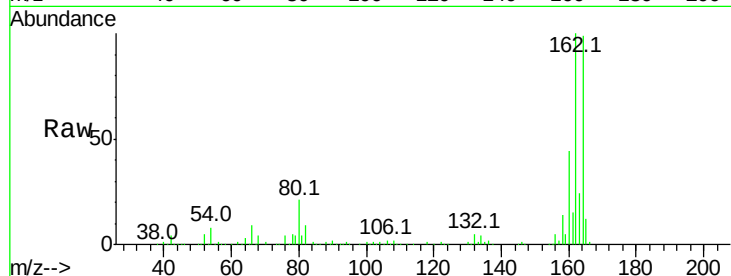




#50
 2,6-Dinitrotoluene
 Concen: 7.681 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. 0.17 min
 Lab File: BF097521.D
 Acq: 9 Aug 2017 17:51

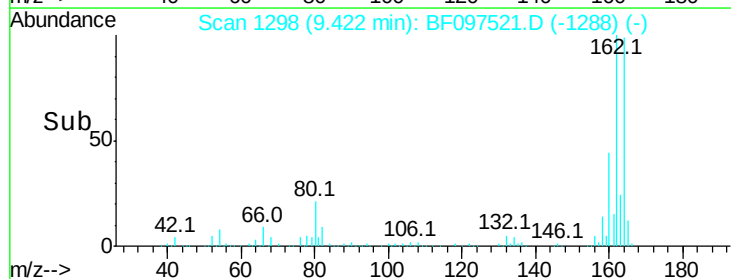
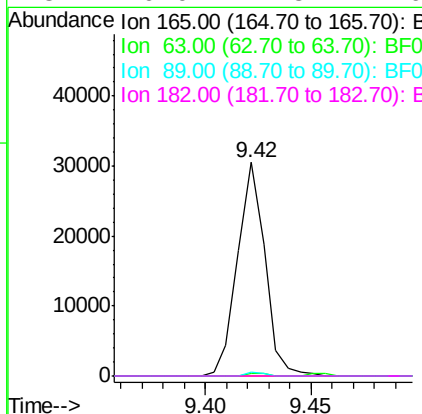
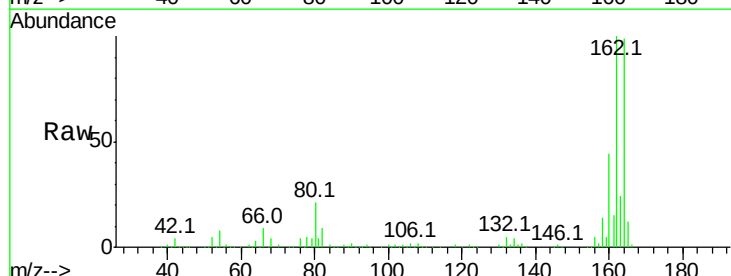
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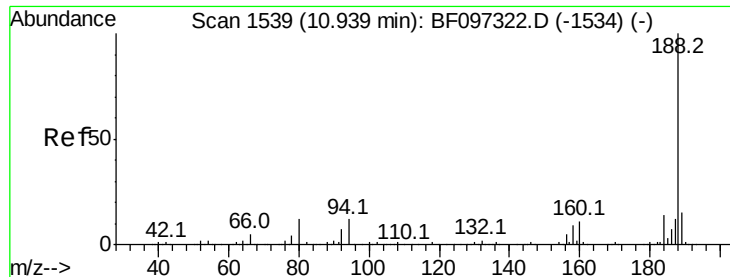
Tot Ion:165	Resp:	27455
Ion Ratio	Lower	Upper
165 100		
63 1.3	34.3	51.5#
89 1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.682 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.24 min
 Lab File: BF097521.D
 Acq: 9 Aug 2017 17:51

Tgt Ion:165	Resp:	27455
Ion Ratio	Lower	Upper
165 100		
63 1.3	25.4	38.0#
89 1.6	46.4	69.6#
182 0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF097521.D

Acq: 9 Aug 2017 17:51

Instrument :

BNA_F

ClientSampleId :

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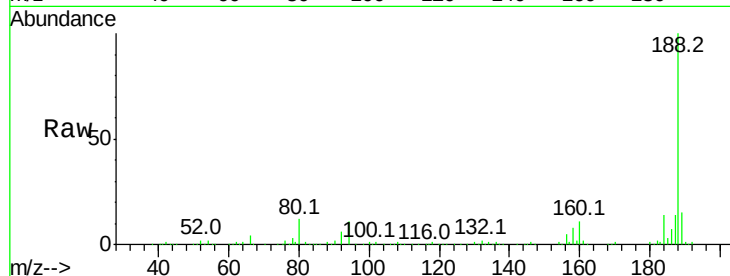
Tot Ion:188 Resp: 354942

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

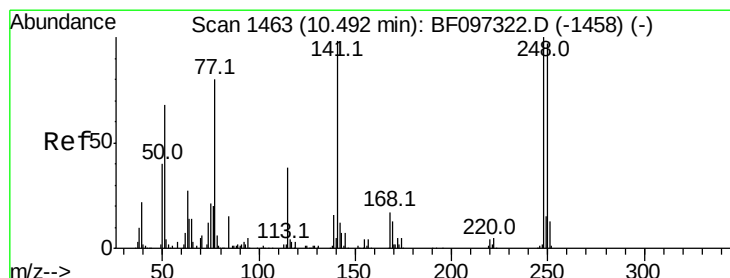
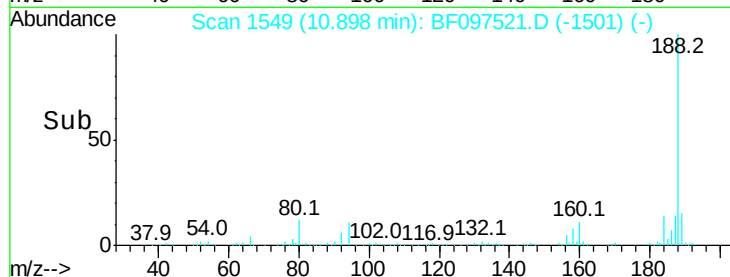
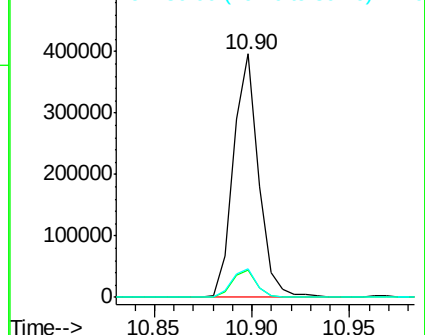
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 4.278 ng

RT: 10.22 min Scan# 1433

Delta R.T. -0.25 min

Lab File: BF097521.D

Acq: 9 Aug 2017 17:51

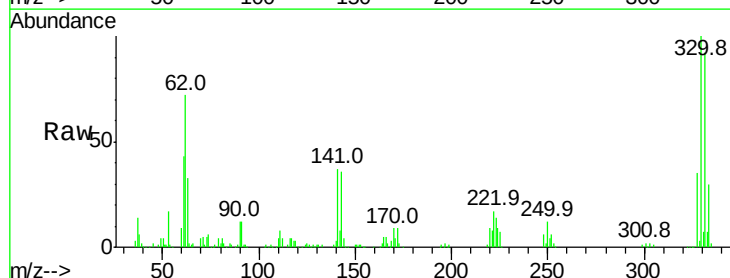
Tgt Ion:248 Resp: 15152

Ion Ratio Lower Upper

248 100

250 199.2 76.8 115.2#

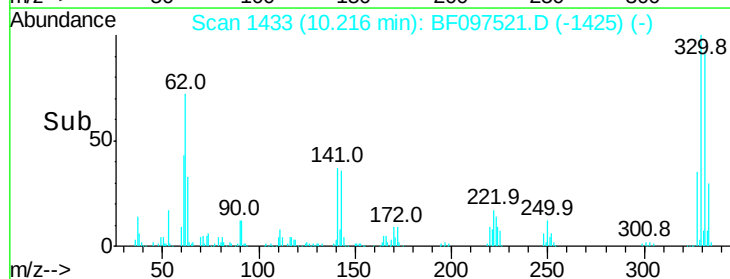
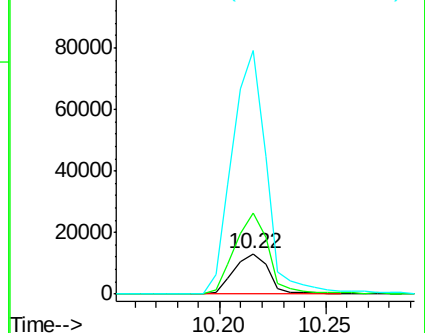
141 599.0 68.6 103.0#

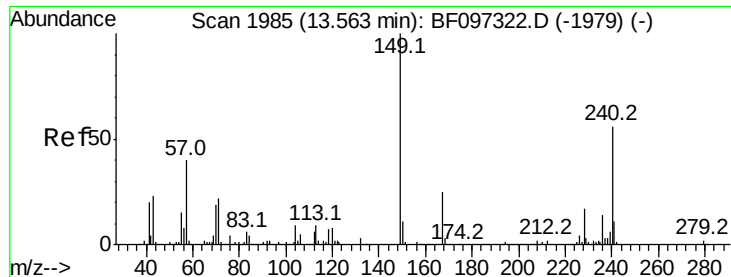


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097521.D

Acq: 9 Aug 2017 17:51

Instrument :

BNA_F

ClientSampleId :

SU-03-080417

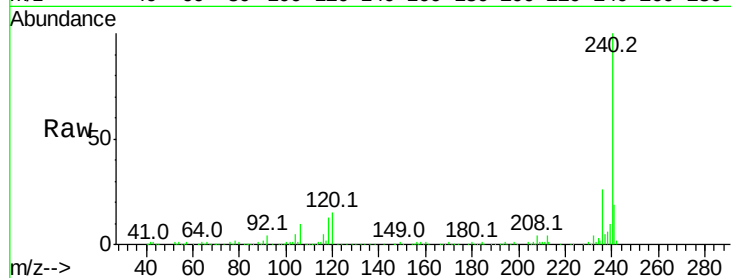
Tot Ion:240 Resp: 316442

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

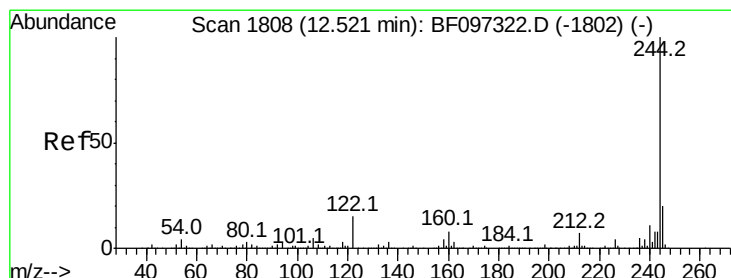
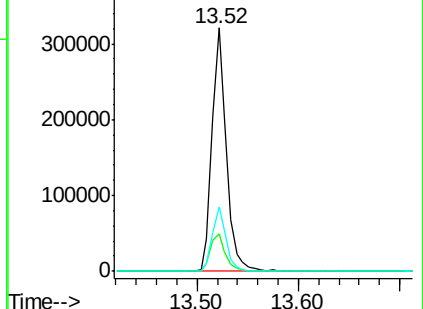
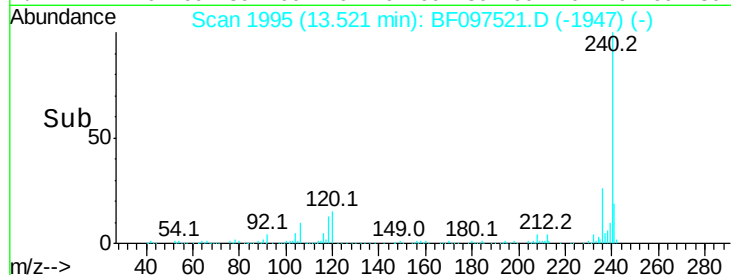
236 26.3 20.5 30.7



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: 65.127 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097521.D

Acq: 9 Aug 2017 17:51

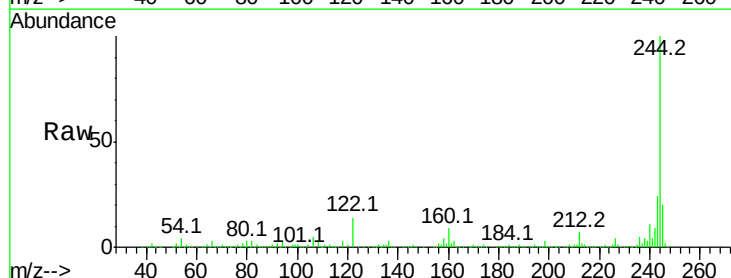
Tgt Ion:244 Resp: 1010809

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

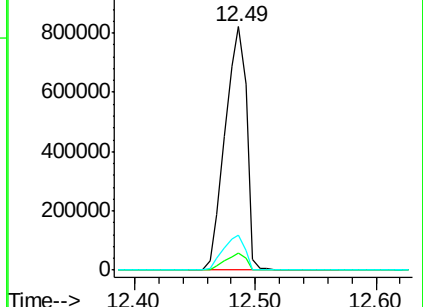
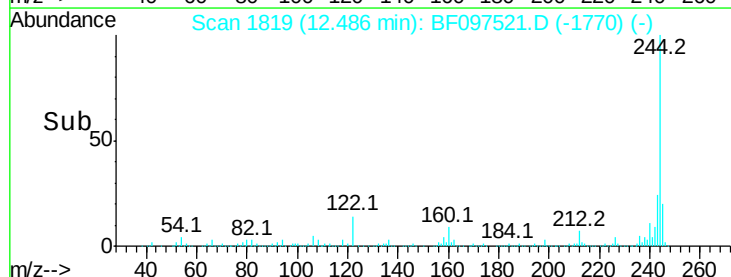
122 14.4 10.3 15.5

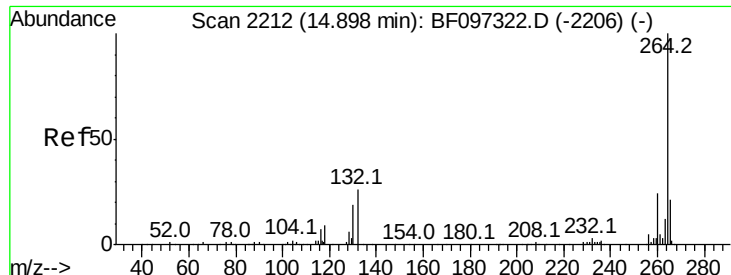


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

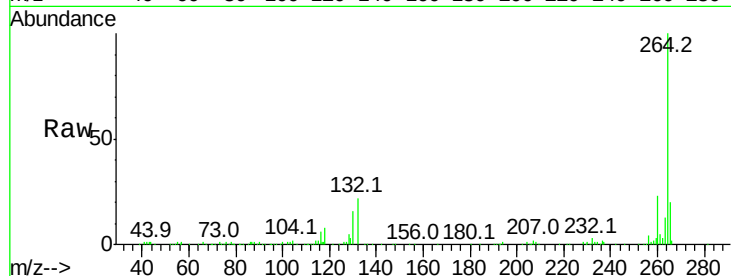




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097521.D
 Acq: 9 Aug 2017 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-080417

Tot Ion:264 Resp: 218600
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.2 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

