

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097228.D
 Acq On : 1 Aug 2017 13:10
 Operator : SJ/JU
 Sample : I4488-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Quant Time: Aug 01 14:59:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 01 14:57:42 2017
 Response via : Initial Calibration

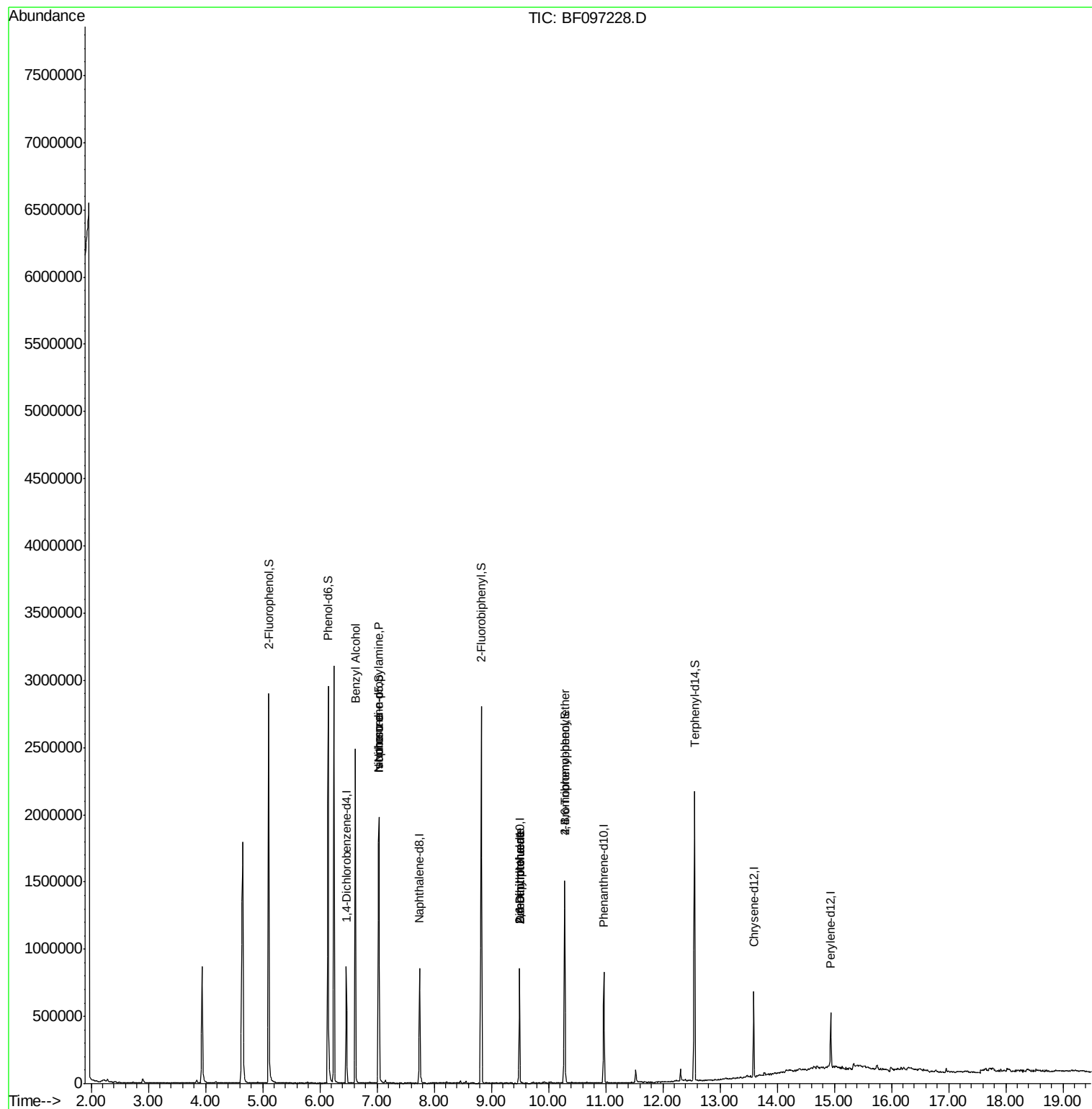
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	115647	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	490609	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	183961	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	285414	20.00	ng	0.00
75) Chrysene-d12	13.59	240	198638	20.00	ng	0.00
86) Perylene-d12	14.94	264	154029	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	930954	121.35	ng	0.03
7) Phenol-d6	6.15	99	1141062	130.29	ng	0.00
23) Nitrobenzene-d5	7.03	82	738476	88.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.29	330	187200	128.80	ng	0.00
44) 2-Fluorobiphenyl	8.83	172	1126773	103.95	ng	0.00
78) Terphenyl-d14	12.56	244	702951	72.15	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.62	79	11106	2.003	ng	# 31
19) n-Nitroso-di-n-propylamine	7.03	70	98465	17.081	ng	# 87
25) Isophorone	7.03	82	678460	41.425	ng	# 67
49) Dimethylphthalate	9.50	163	54284	3.886	ng	# 1
50) 2,6-Dinitrotoluene	9.49	165	22757	7.681	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	22757	6.681	ng	# 34
66) 4-Bromophenyl-phenylether	10.29	248	11988	4.209	ng	# 1

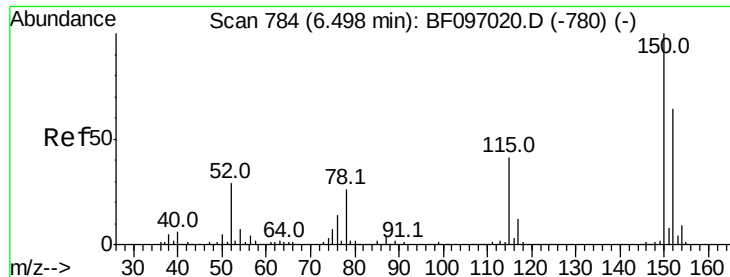
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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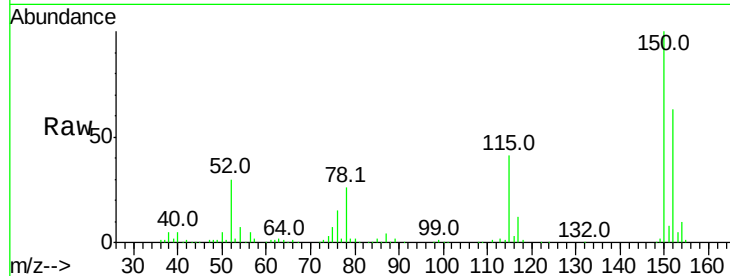


#1

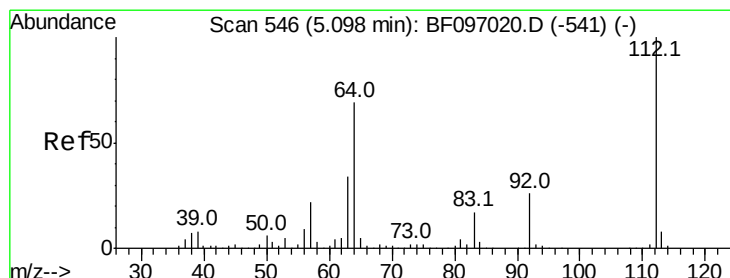
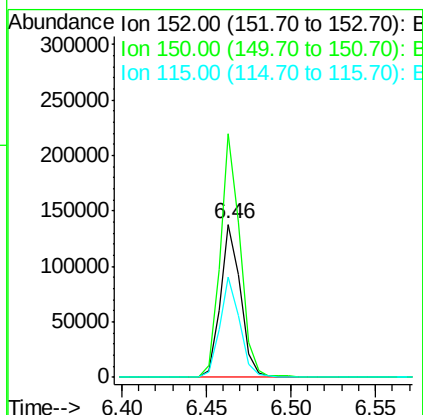
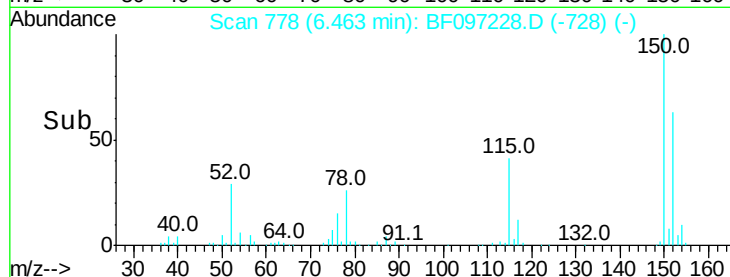
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Tot Ion:152 Resp: 115647
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.2 189.2
 115 65.7 52.2 78.2



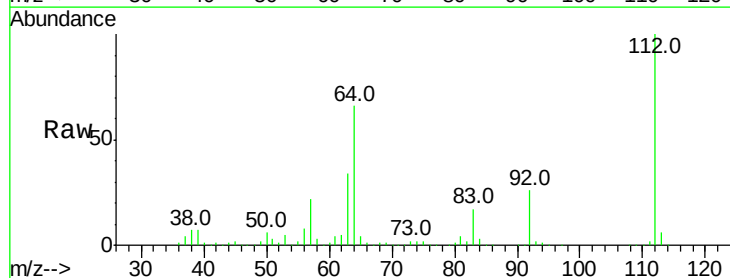
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



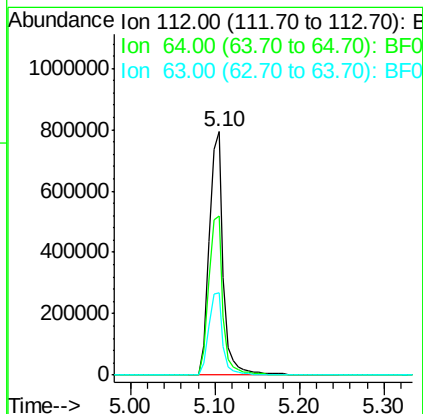
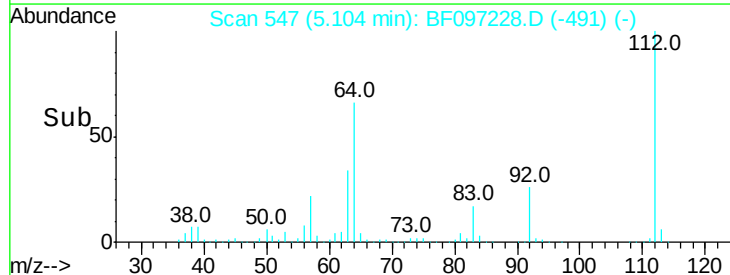
#5

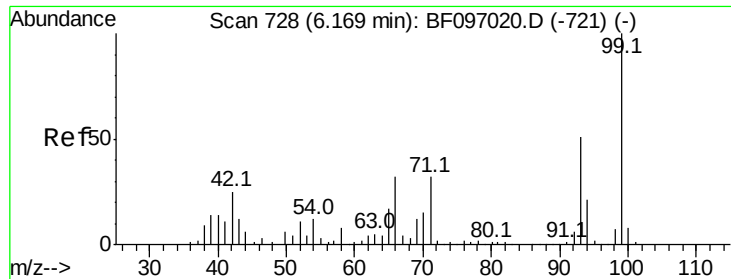
2-Fluorophenol
 Concen: 121.352 ng
 RT: 5.10 min Scan# 547
 Delta R.T. 0.03 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Tgt Ion:112 Resp: 930954
 Ion Ratio Lower Upper
 112 100
 64 65.6 46.0 69.0
 63 33.8 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: 130.289 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Instrument :

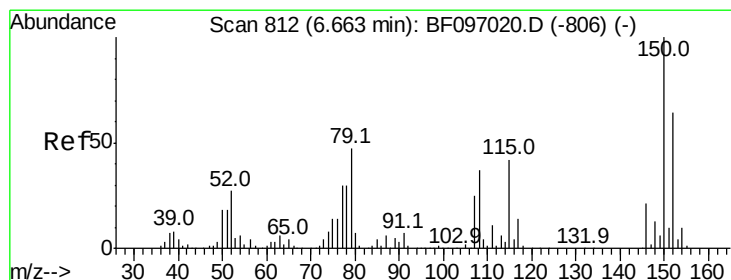
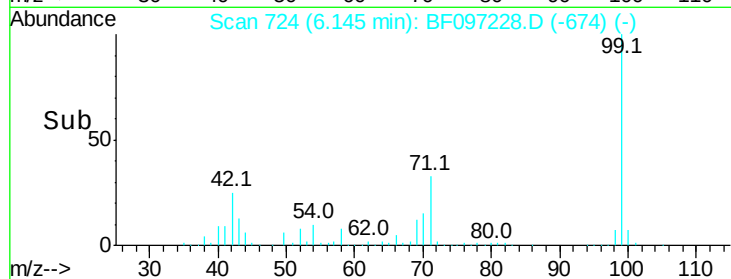
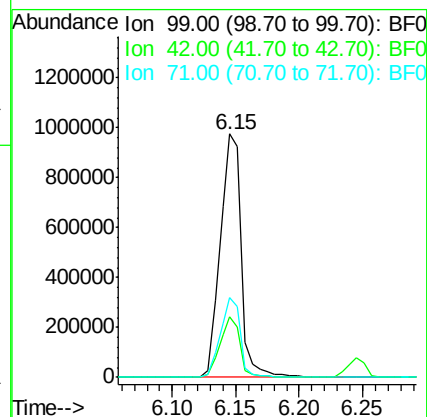
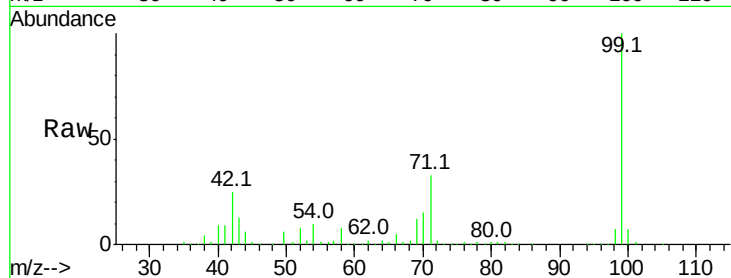
BNA_F

ClientSampleId :

CL-02-072717-A

Tot Ion: 99 Resp: 1141062

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.5	20.3#
71	32.6	24.5	36.7



#15

Benzyl Alcohol

Concen: 2.003 ng

RT: 6.62 min Scan# 805

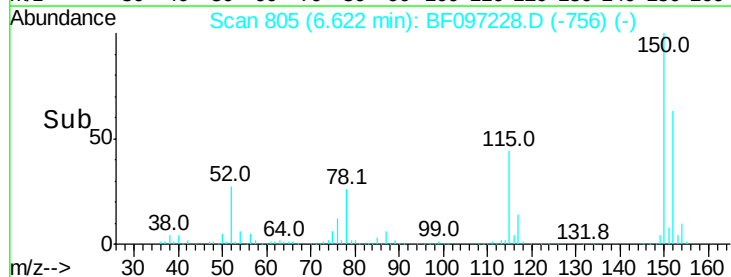
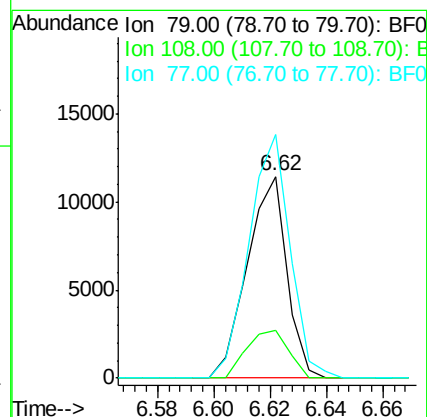
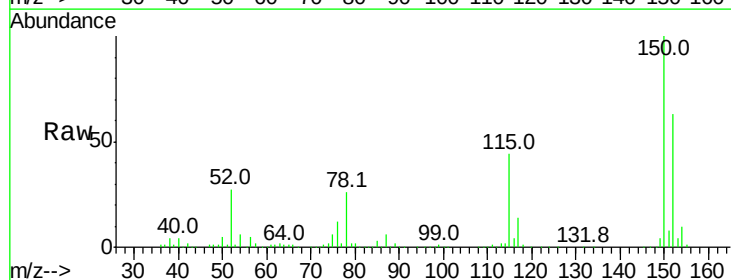
Delta R.T. -0.01 min

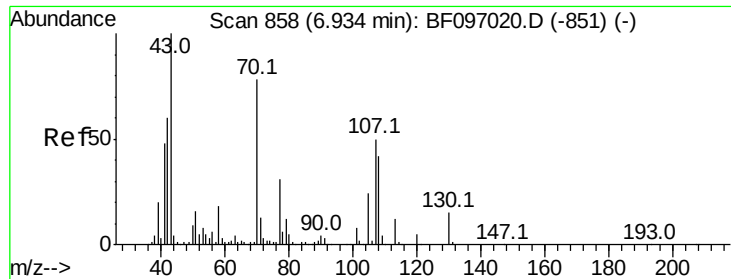
Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Tgt Ion: 79 Resp: 11106

Ion	Ratio	Lower	Upper
79	100		
108	24.0	63.4	95.0#
77	120.9	49.2	73.8#

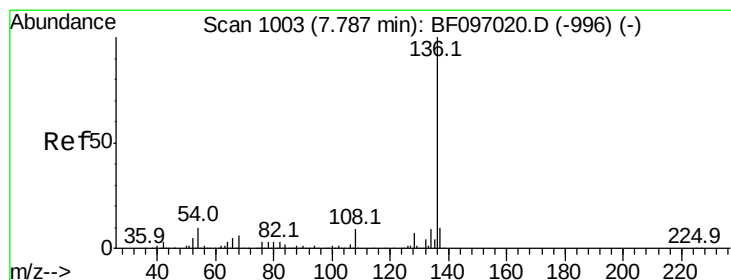
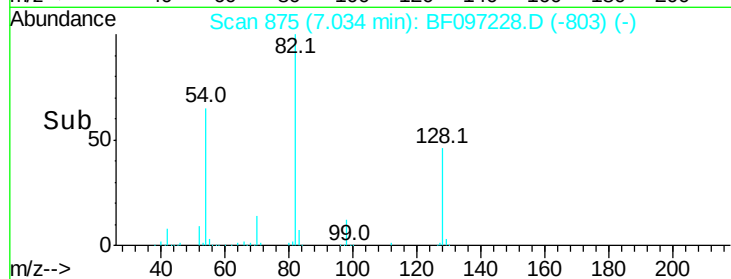
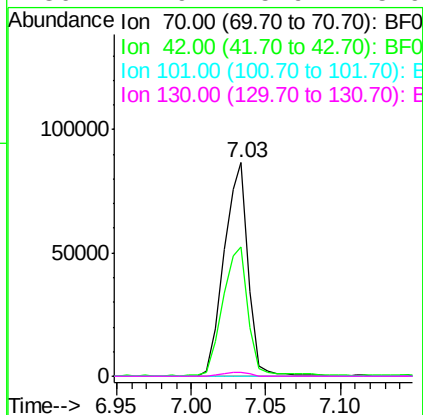
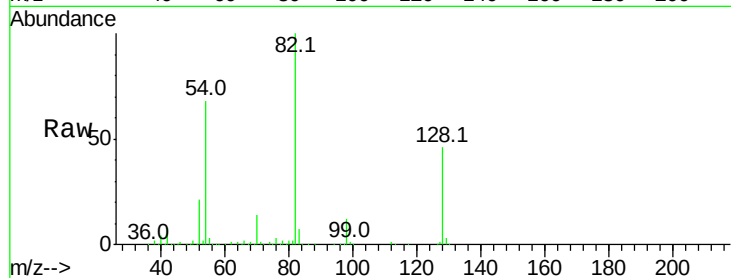




#19
n-Nitroso-di-n-propylamine
Concen: 17.081 ng
RT: 7.03 min Scan# 875
Delta R.T. 0.12 min
Lab File: BF097228.D
Acq: 1 Aug 2017 13:10

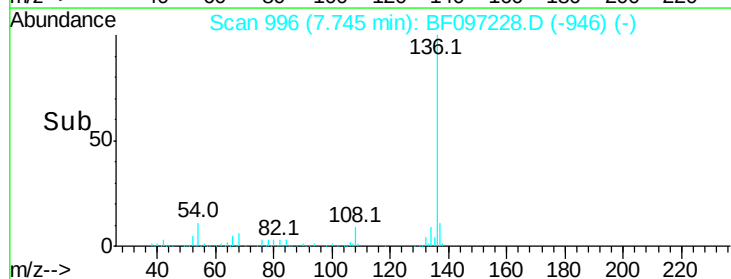
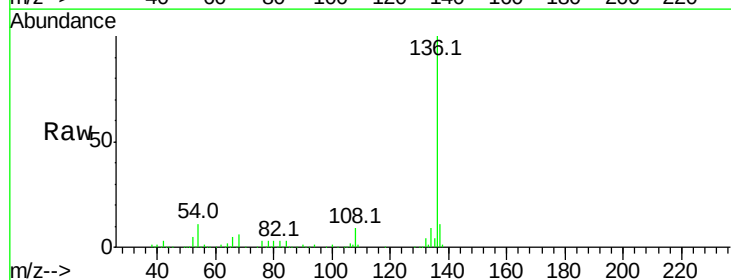
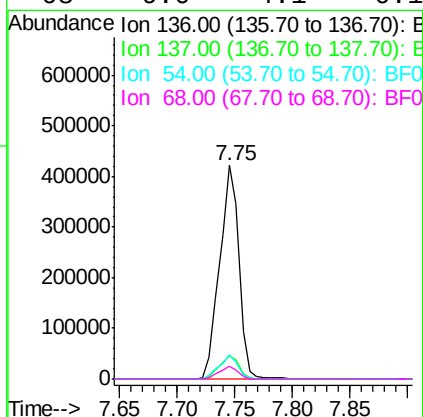
Instrument :
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ClientSampleId :
CL-02-072717-A

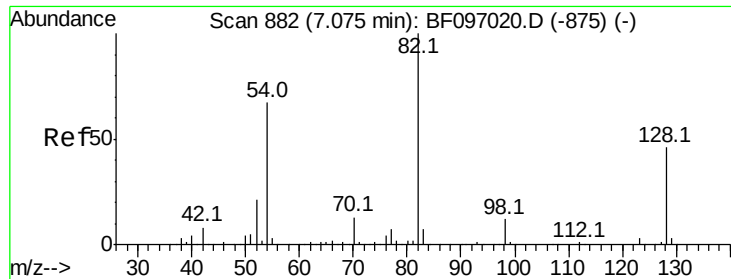
Tot Ion: 70 Resp: 98465
Ion Ratio Lower Upper
70 100
42 60.7 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF097228.D
Acq: 1 Aug 2017 13:10

Tgt Ion:136 Resp: 490609
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.2 4.9 7.3#
68 6.0 4.1 6.1

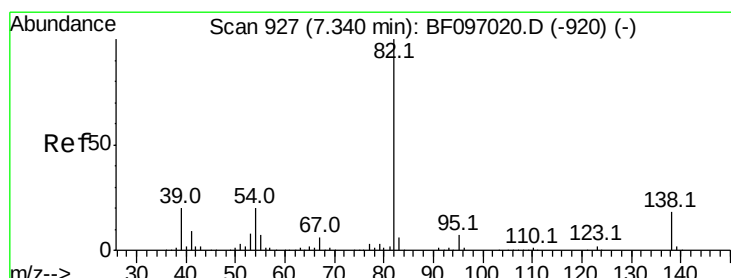
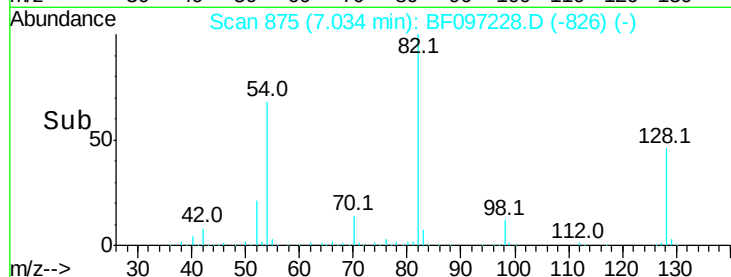
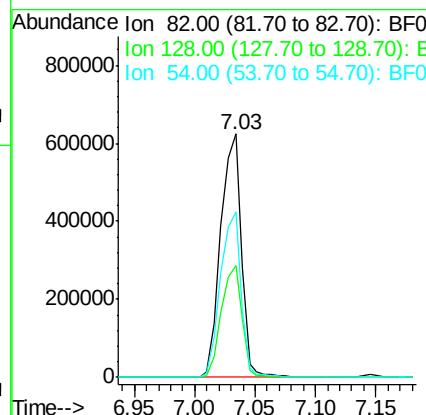
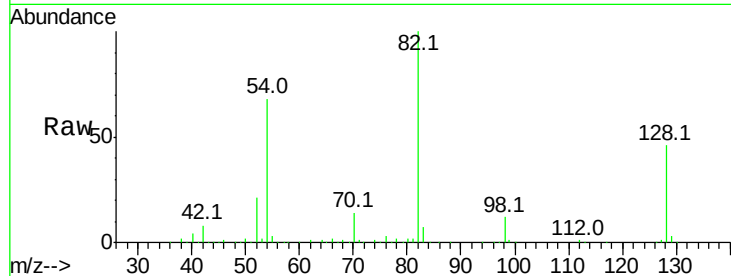




#23
 Nitrobenzene-d5
 Concen: 88.302 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

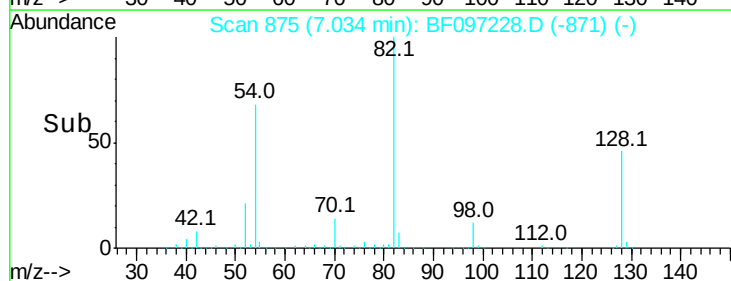
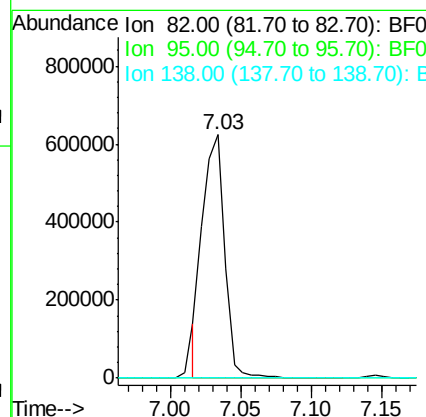
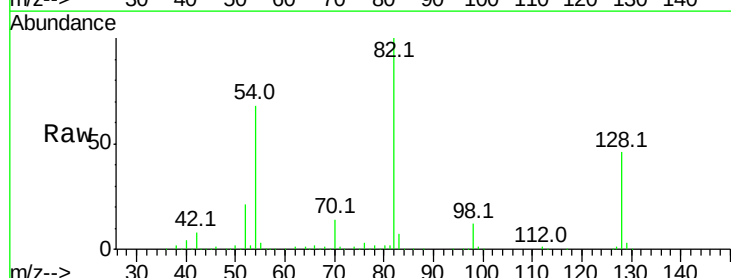
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

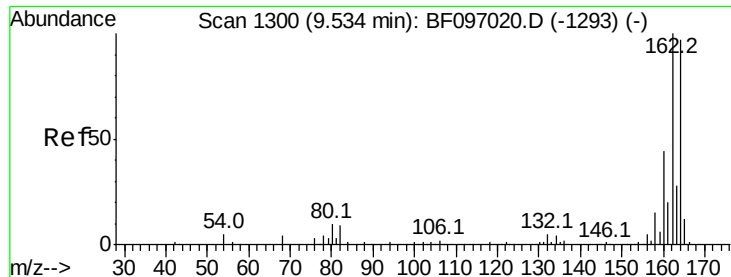
Tot Ion: 82 Resp: 738476
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 68.1 42.2 63.2#



#25
 Isophorone
 Concen: 41.425 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.28 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Tgt Ion: 82 Resp: 678460
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

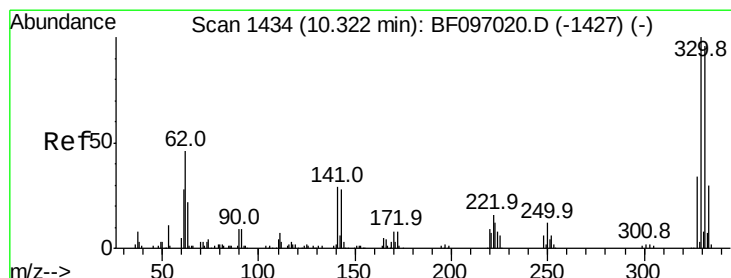
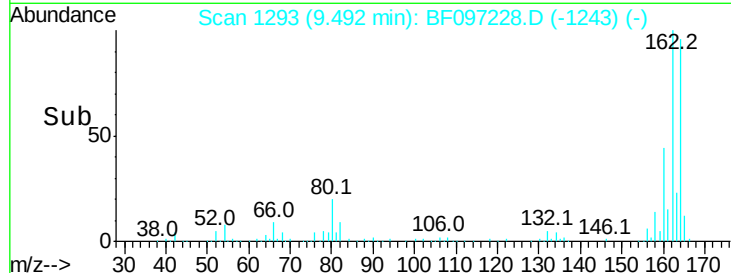
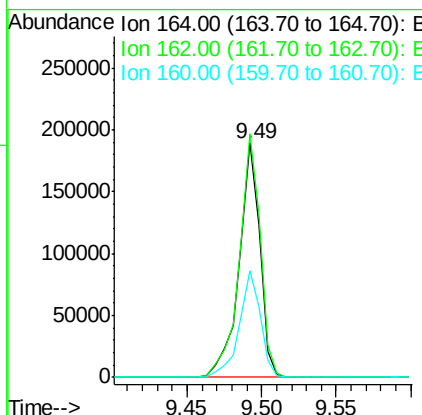
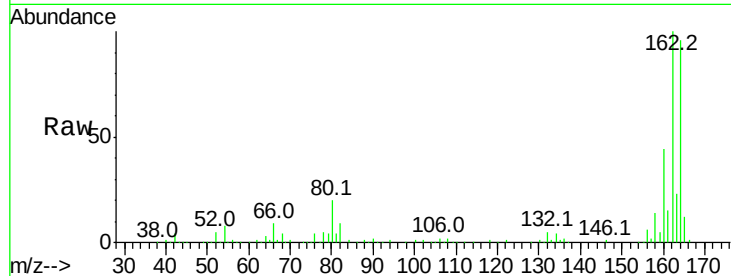




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

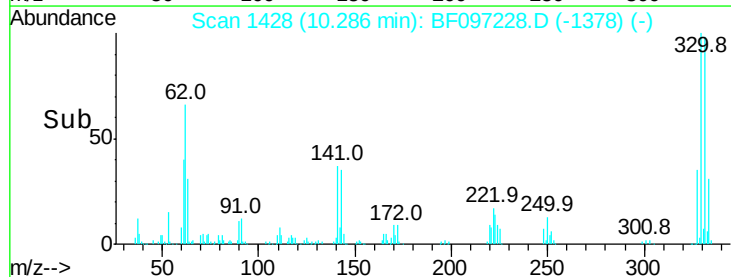
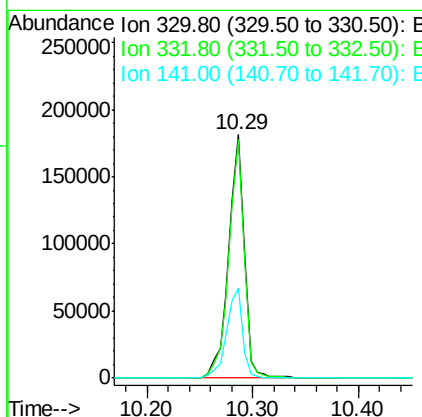
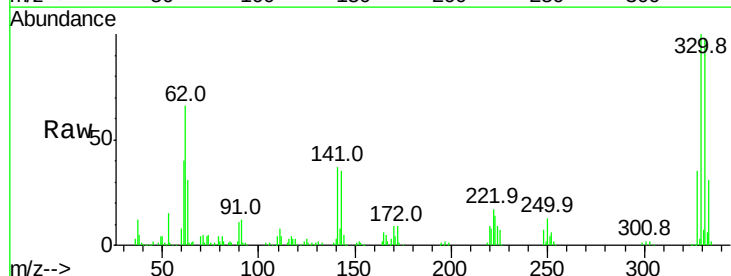
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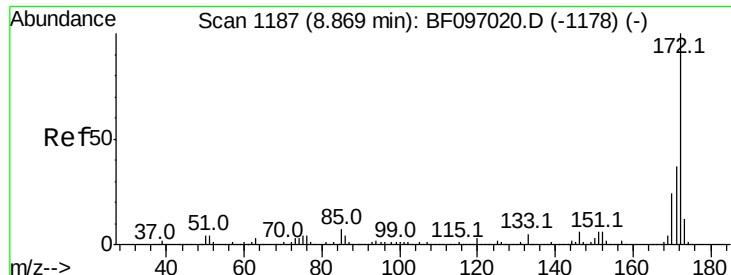
Tot Ion:164 Resp: 183961
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 128.795 ng
 RT: 10.29 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

Tgt Ion:330 Resp: 187200
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 37.7 31.4 47.2



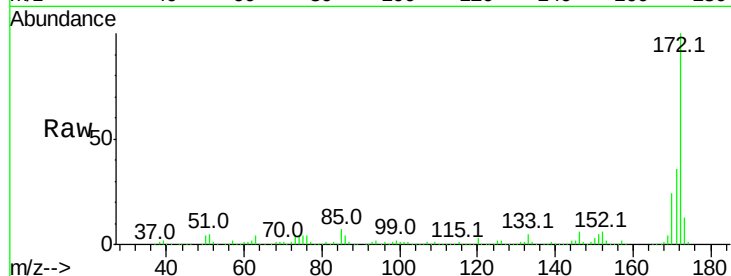


#44
 2-Fluorobiphenyl
 Concen: 103.948 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

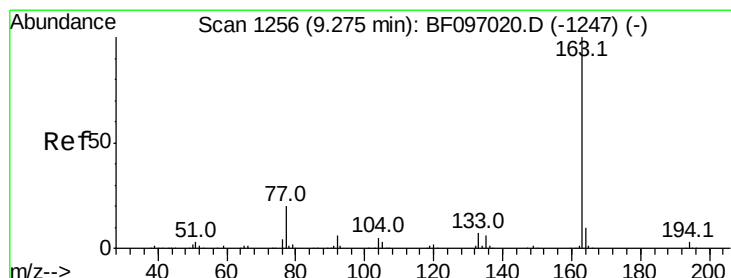
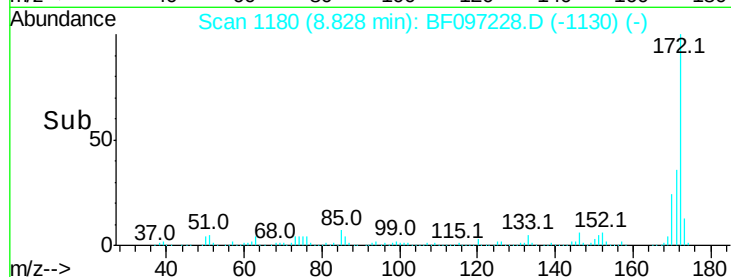
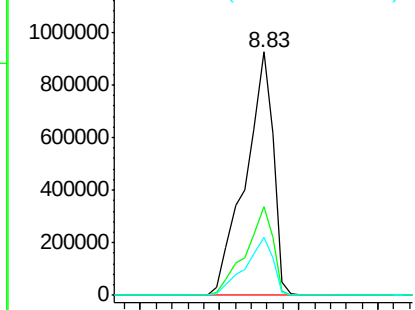
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-A

Tot Ion:172 Resp: 1126773

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8



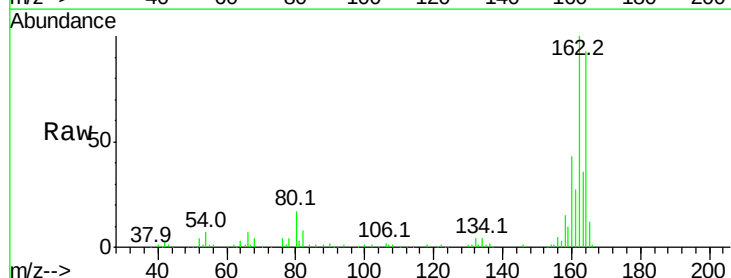
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



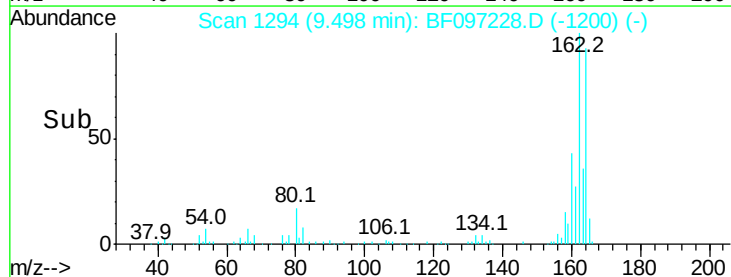
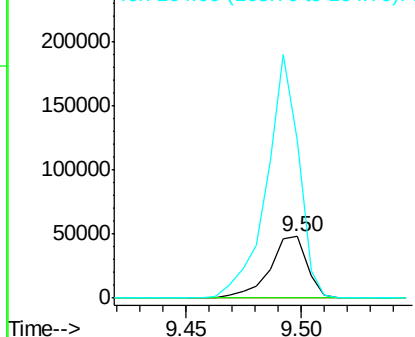
#49
 Dimethylphthalate
 Concen: 3.886 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.25 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

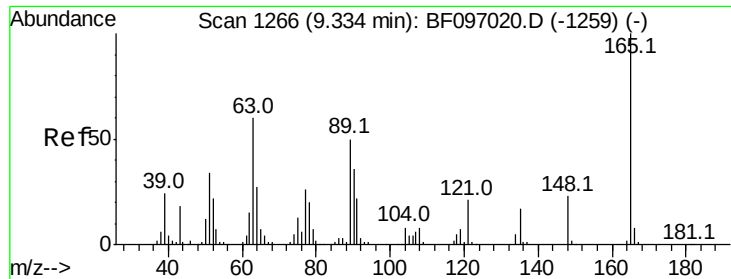
Tgt Ion:163 Resp: 54284

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	256.4	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

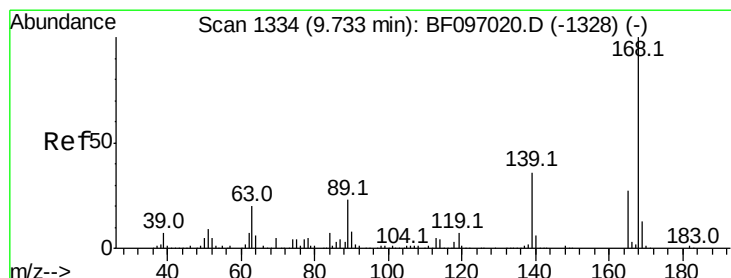
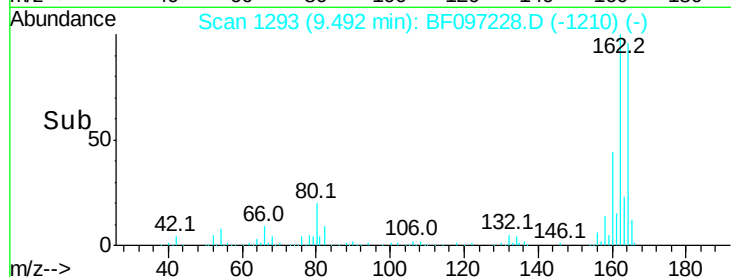
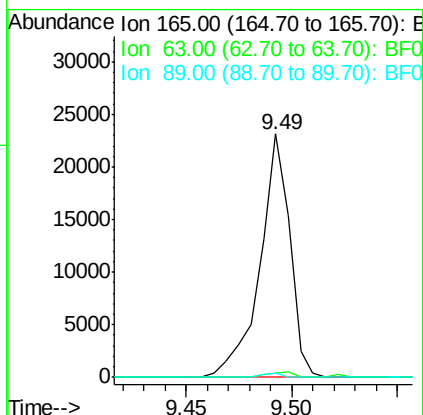
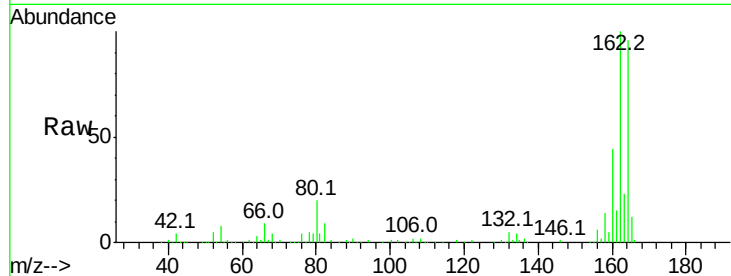




#50
 2,6-Dinitrotoluene
 Concen: 7.681 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.19 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

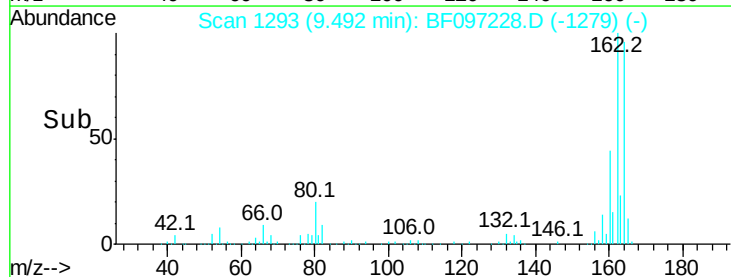
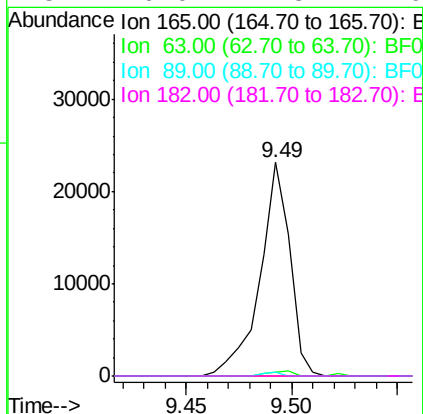
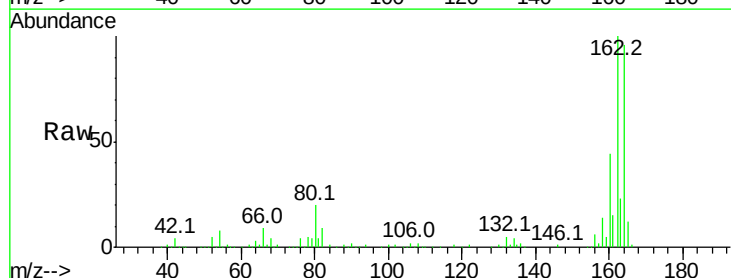
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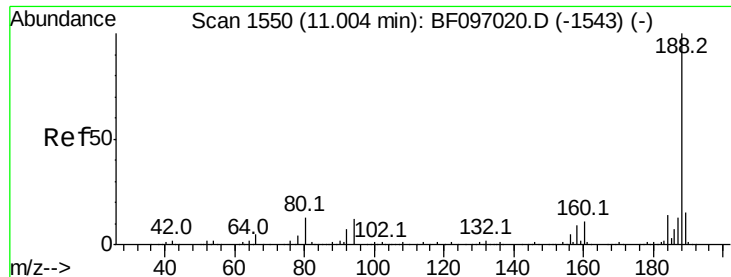
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.8	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.681 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.22 min
 Lab File: BF097228.D
 Acq: 1 Aug 2017 13:10

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.97 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

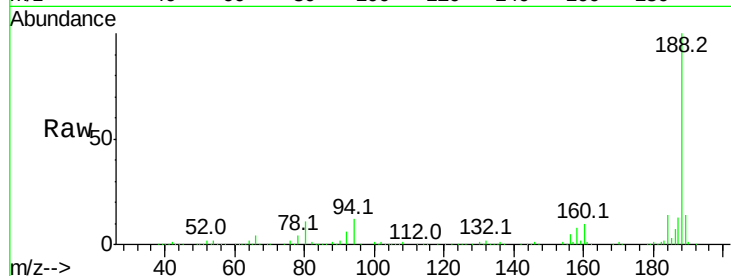
Tot Ion:188 Resp: 285414

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

80 11.0 10.2 15.2

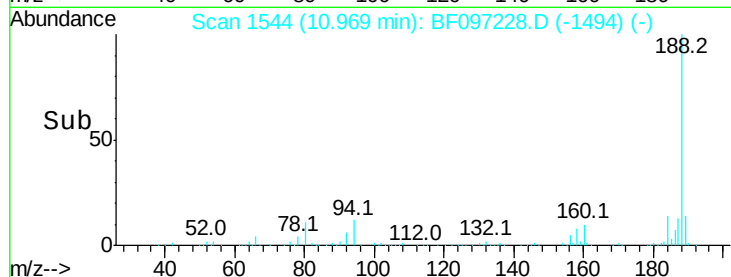


Abundance Ion 188.00 (187.70 to 188.70): E

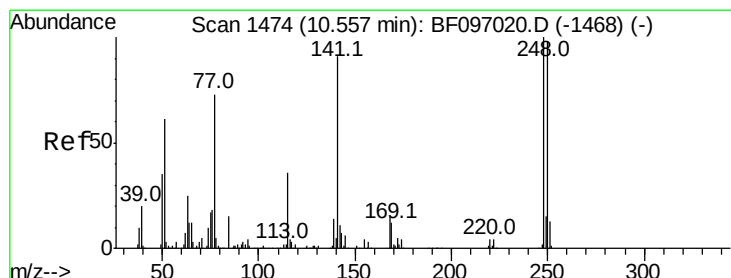
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.209 ng

RT: 10.29 min Scan# 1428

Delta R.T. -0.24 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

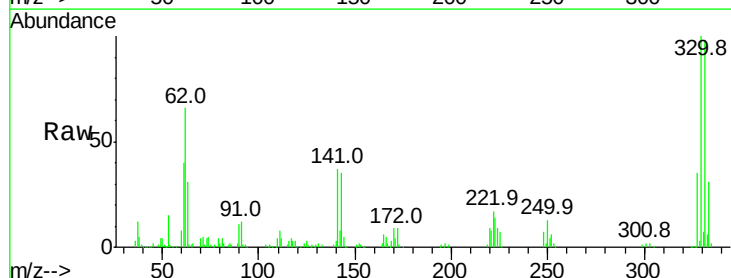
Tgt Ion:248 Resp: 11988

Ion Ratio Lower Upper

248 100

250 193.2 76.8 115.2#

141 548.0 68.6 103.0#

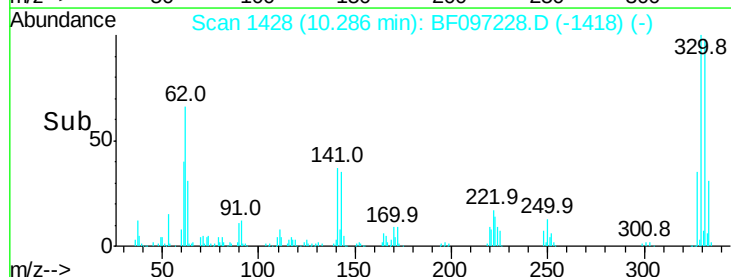


Abundance Ion 248.00 (247.70 to 248.70): E

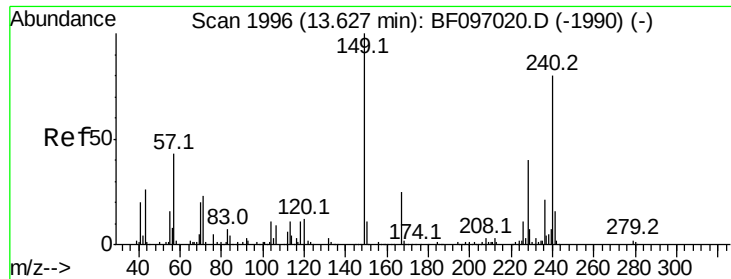
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.59 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-A

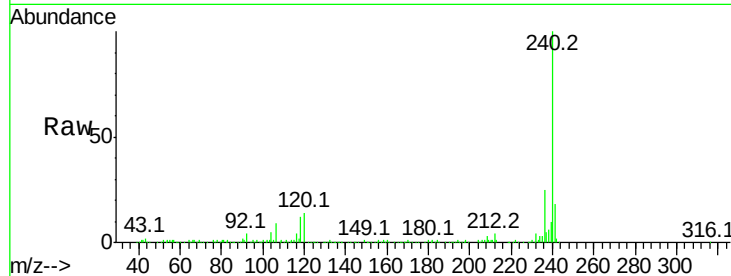
Tot Ion:240 Resp: 198638

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

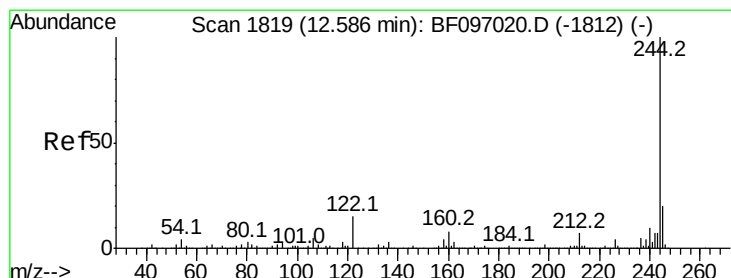
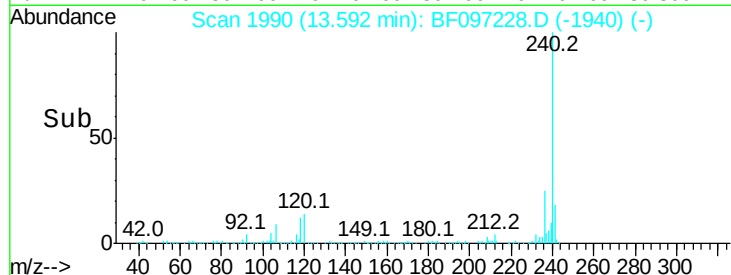
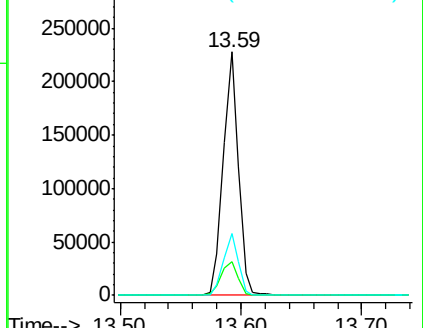
236 25.3 20.5 30.7



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: 72.152 ng

RT: 12.56 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF097228.D

Acq: 1 Aug 2017 13:10

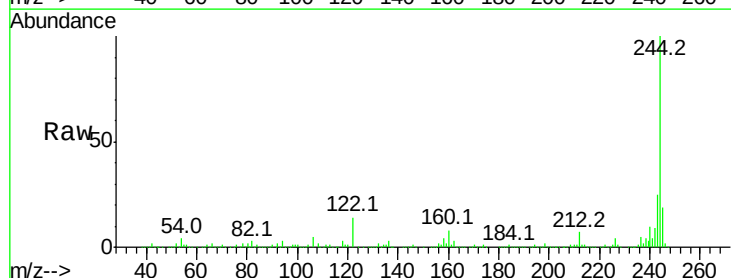
Tgt Ion:244 Resp: 702951

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

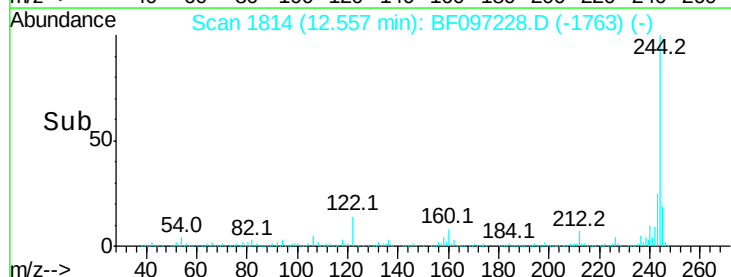
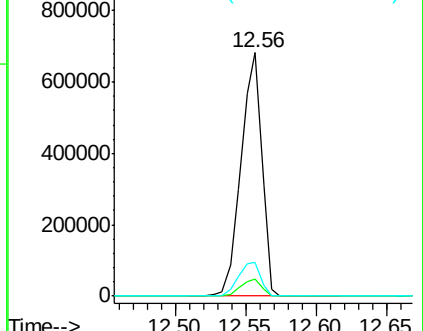
122 13.9 10.3 15.5

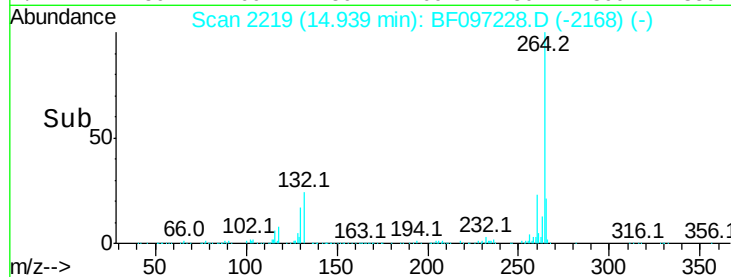
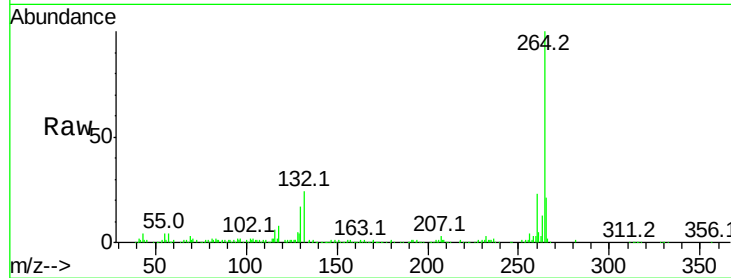
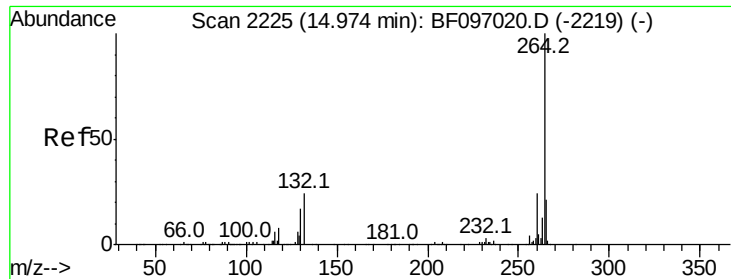


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF097228.D
Acq: 1 Aug 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	17.2	25.8

