

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097235.D
 Acq On : 1 Aug 2017 16:56
 Operator : SJ/JU
 Sample : I4488-09RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 01 17:28:20 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

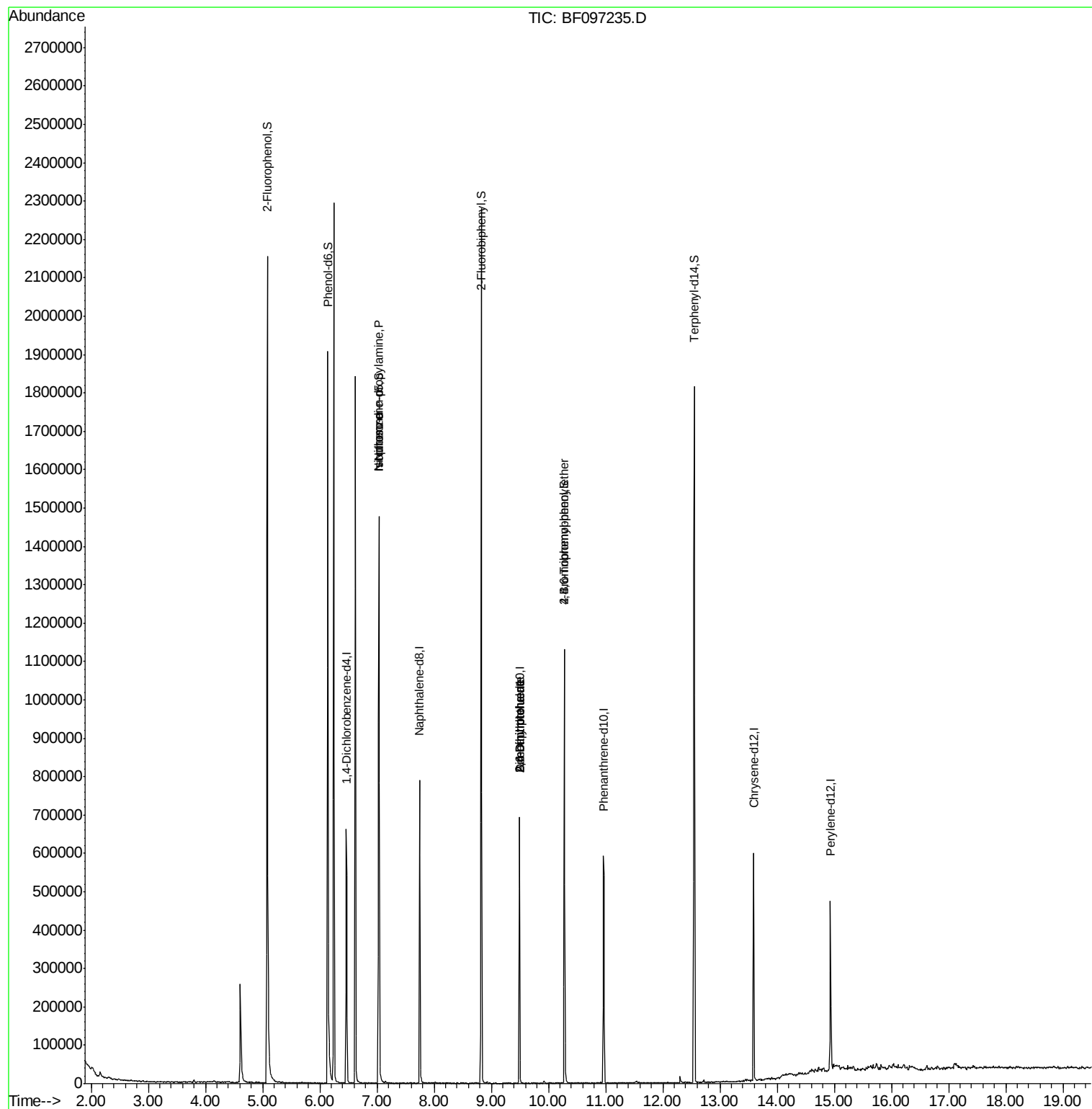
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	98044	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	353304	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	131705	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	213504	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	214393	20.00	ng	0.00
86) Perylene-d12	14.93	264	168302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	661548	101.72	ng	0.00
7) Phenol-d6	6.14	99	649385	87.46	ng	-0.01
23) Nitrobenzene-d5	7.03	82	423717	70.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	115270	110.77	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	680410	87.67	ng	0.00
78) Terphenyl-d14	12.55	244	544546	51.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	56696	11.601	ng	# 88
25) Isophorone	7.03	82	416128	35.282	ng	# 67
49) Dimethylphthalate	9.49	163	39531	3.953	ng	# 1
50) 2,6-Dinitrotoluene	9.49	165	16753	7.898	ng	# 31
56) 2,4-Dinitrotoluene	9.49	165	16753	6.870	ng	# 31
66) 4-Bromophenyl-phenylether	10.28	248	7471	3.506	ng	# 1

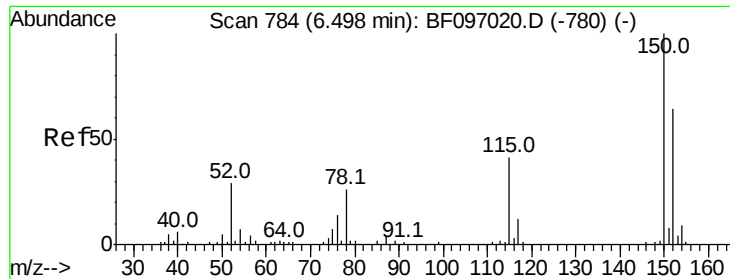
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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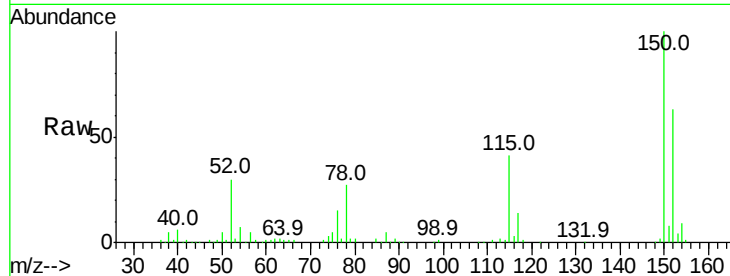


#1

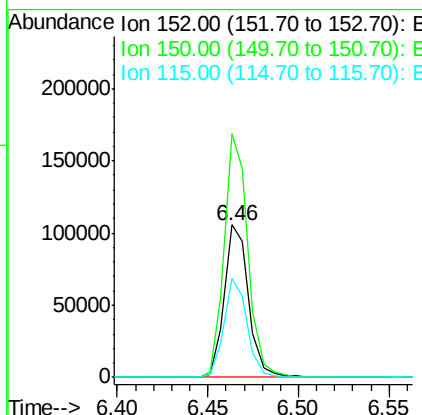
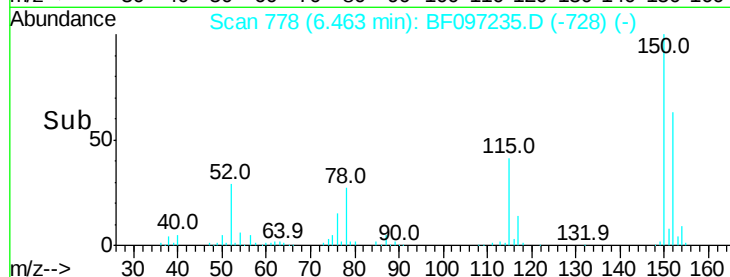
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF097235.D
Acq: 1 Aug 2017 16:56

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

Tot Ion:152 Resp: 98044
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 65.2 52.2 78.2



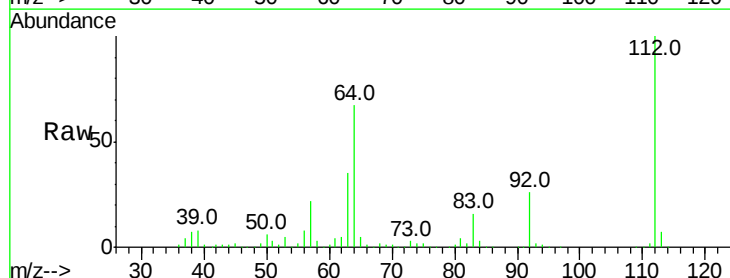
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



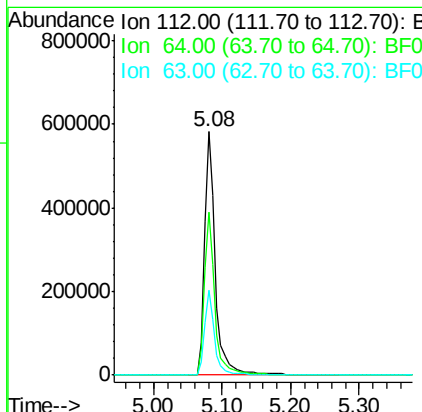
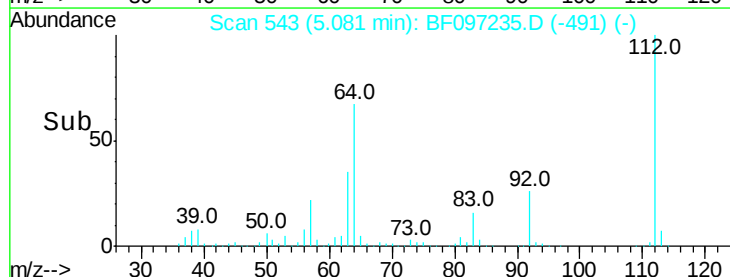
#5

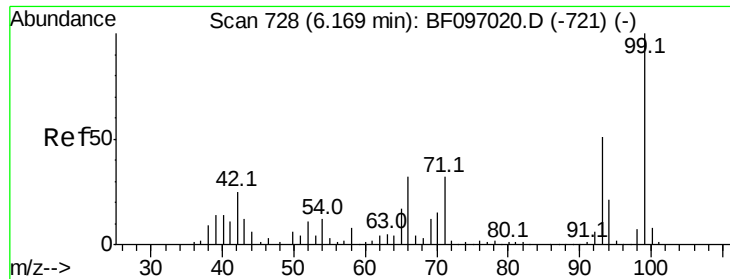
2-Fluorophenol
Concen: 101.717 ng
RT: 5.08 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF097235.D
Acq: 1 Aug 2017 16:56

Tgt Ion:112 Resp: 661548
Ion Ratio Lower Upper
112 100
64 66.8 46.0 69.0
63 34.8 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: 87.461 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF097235.D

Acq: 1 Aug 2017 16:56

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-C

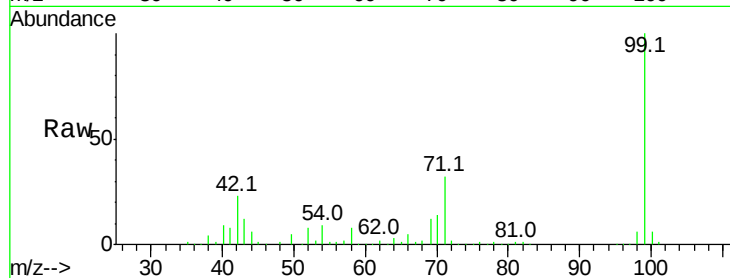
Tot Ion: 99 Resp: 649385

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

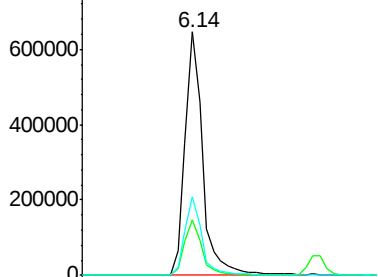
71 32.5 24.5 36.7



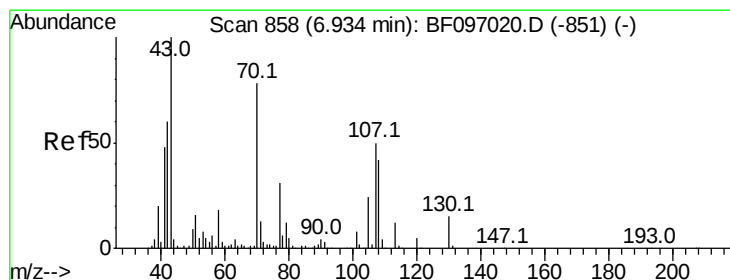
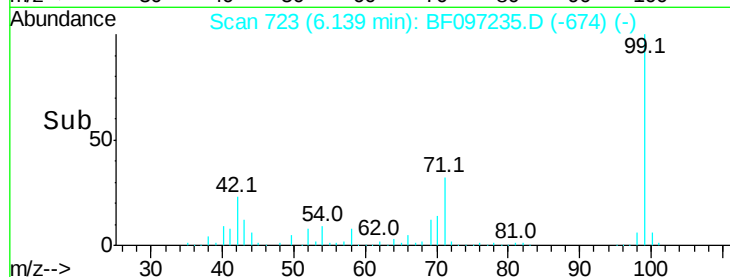
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time--> 6.05 6.10 6.15 6.20 6.25



#19

n-Nitroso-di-n-propylamine

Concen: 11.601 ng

RT: 7.03 min Scan# 875

Delta R.T. 0.12 min

Lab File: BF097235.D

Acq: 1 Aug 2017 16:56

Tgt Ion: 70 Resp: 56696

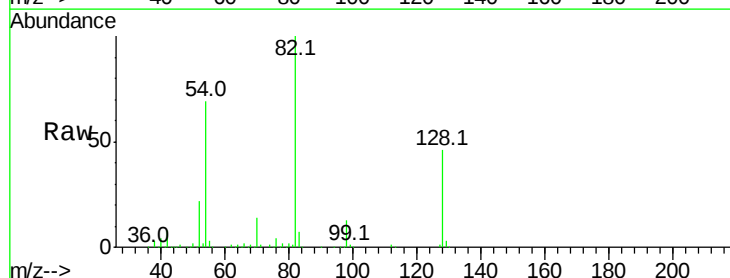
Ion Ratio Lower Upper

70 100

42 58.5 47.2 70.8

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

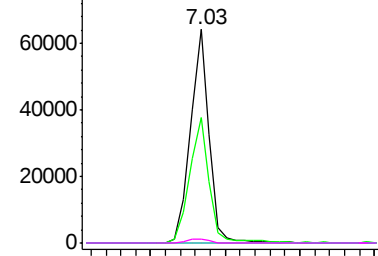


Abundance Ion 70.00 (69.70 to 70.70): BF0

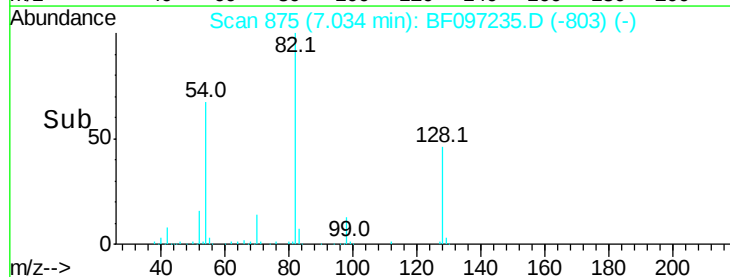
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time--> 7.00 7.05 7.10

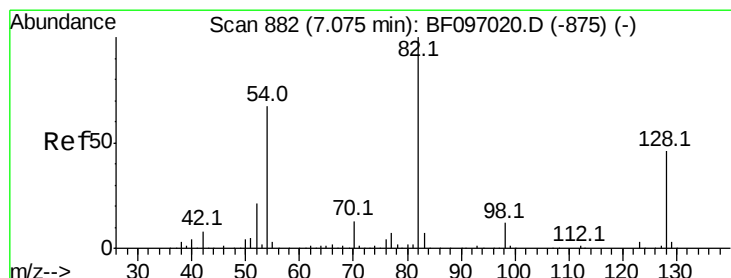
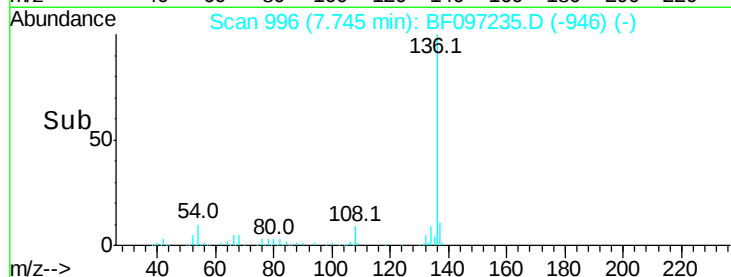
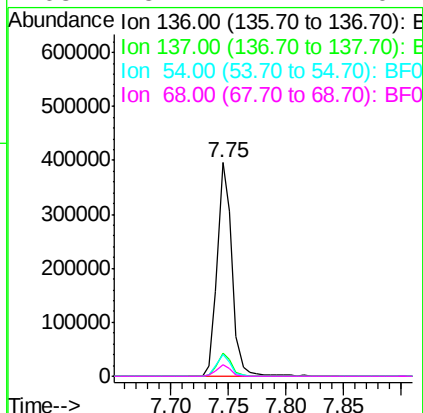
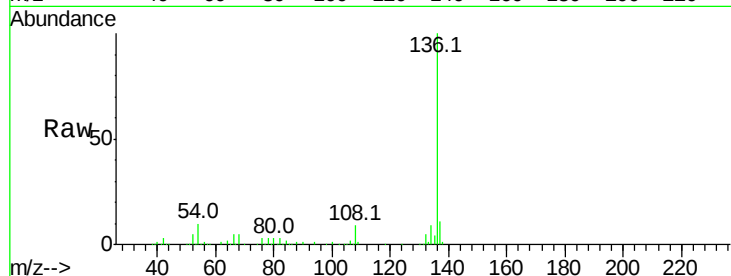




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF097235.D
Acq: 1 Aug 2017 16:56

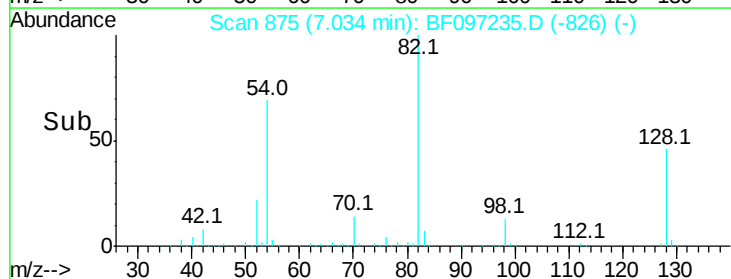
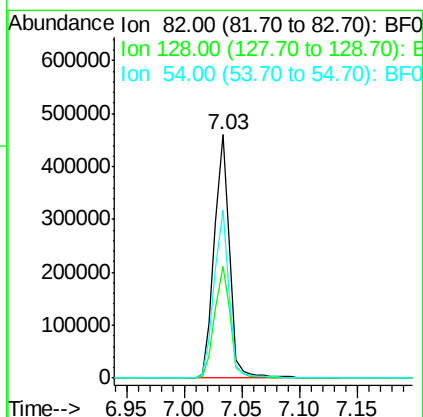
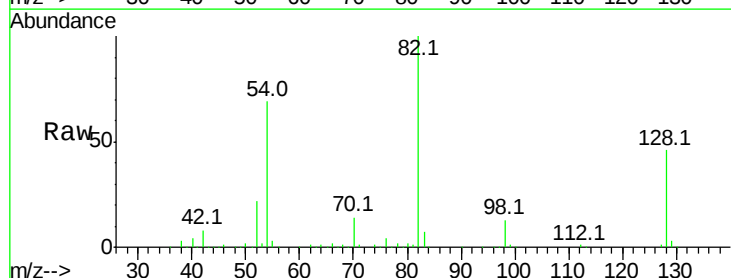
Instrument :
BNA_F
ClientSampleId :
CL-02-072717-C

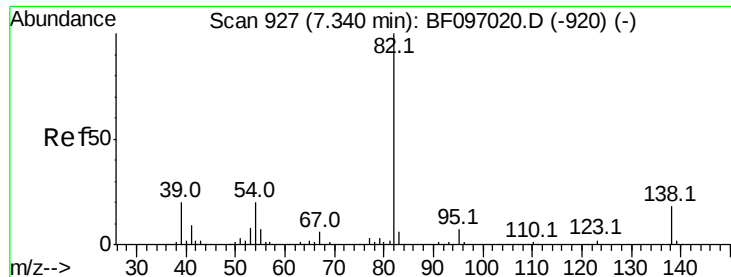
Tot Ion:	136	Resp:	353304
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.1	4.9	7.3#
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 70.356 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF097235.D
Acq: 1 Aug 2017 16:56

Tgt Ion:	82	Resp:	423717
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	69.0	42.2	63.2#





#25

Isophorone

Concen: 35.282 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.28 min

Lab File: BF097235.D

Acq: 1 Aug 2017 16:56

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-C

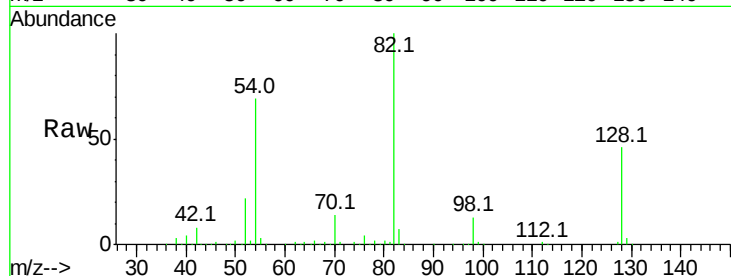
Tot Ion: 82 Resp: 416128

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

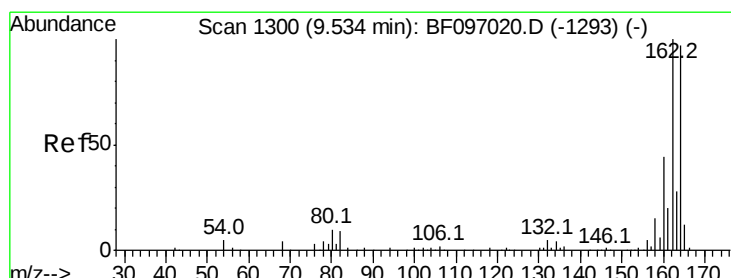
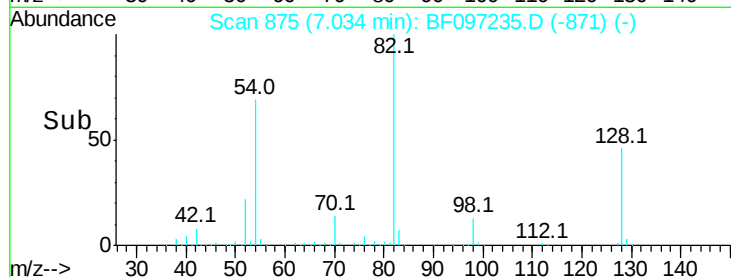
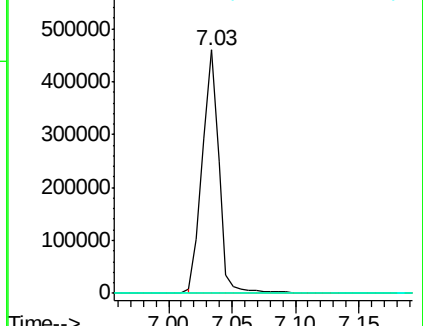
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF097235.D

Acq: 1 Aug 2017 16:56

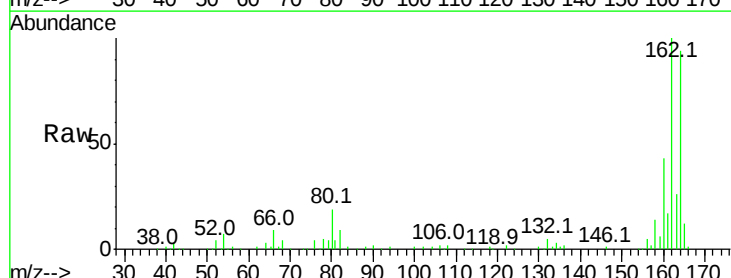
Tgt Ion: 164 Resp: 131705

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

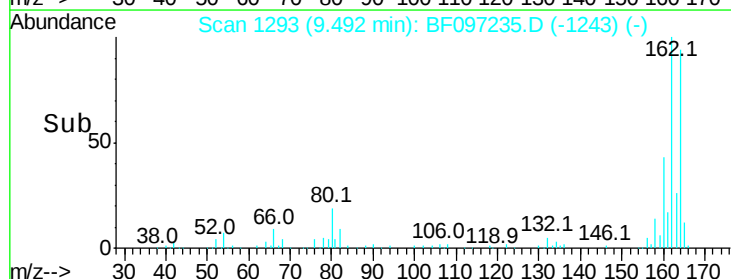
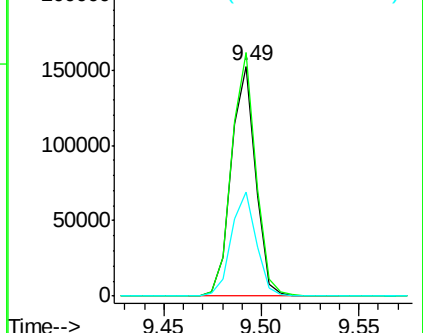
160 45.2 36.2 54.2

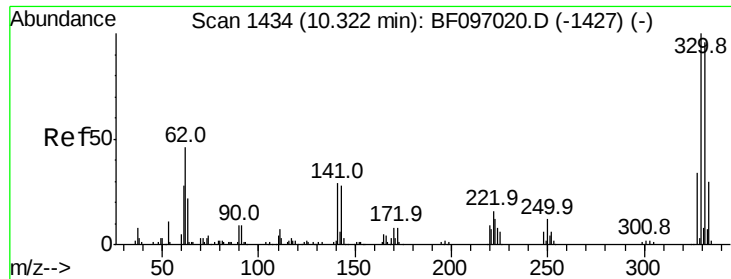


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

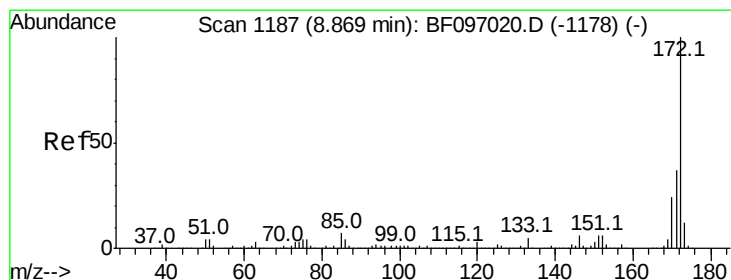
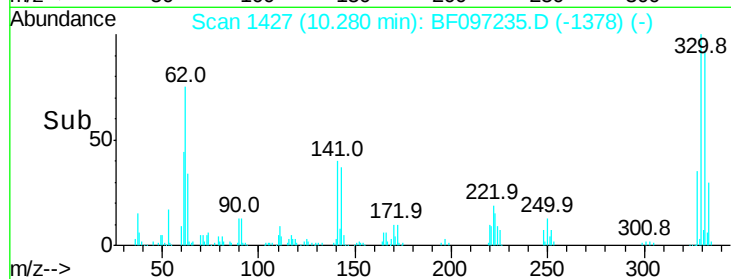
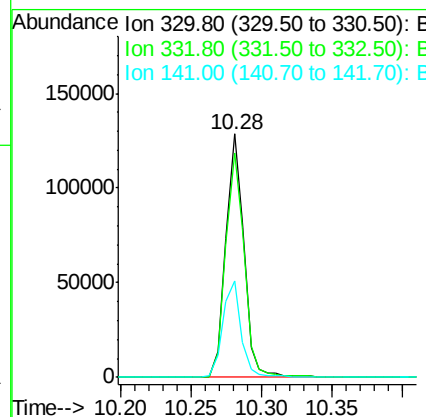
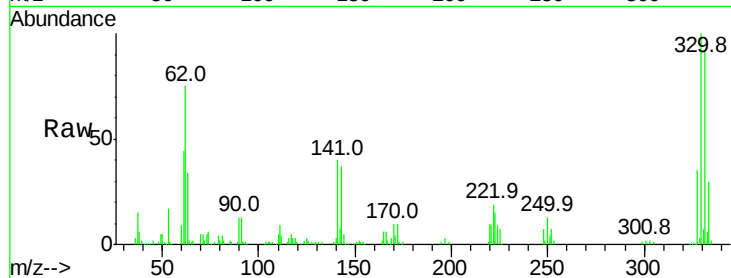




#41
 2,4,6-Tribromophenol
 Concen: 110.773 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097235.D
 Acq: 1 Aug 2017 16:56

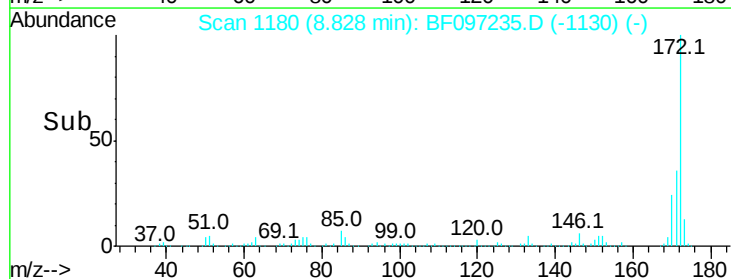
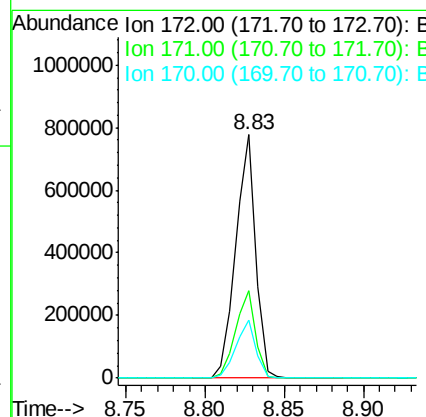
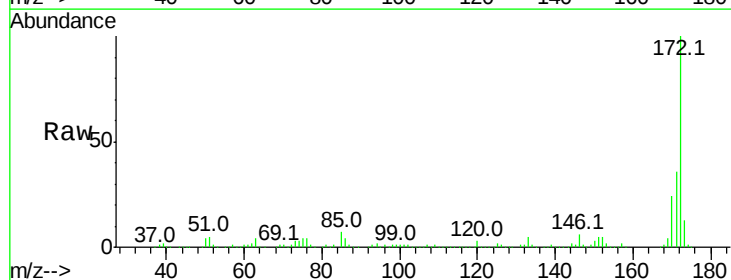
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 BNA_F
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 CL-02-072717-C

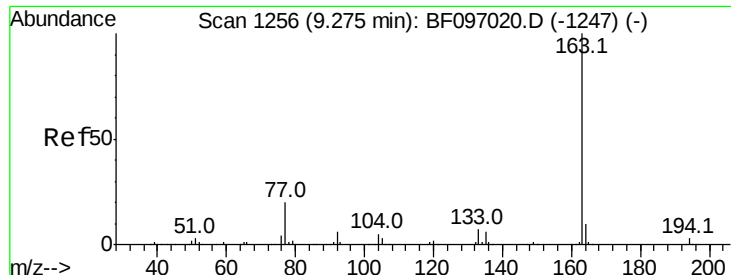
Tot Ion:330 Resp: 115270
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 87.675 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097235.D
 Acq: 1 Aug 2017 16:56

Tgt Ion:172 Resp: 680410
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.1 19.8 29.8

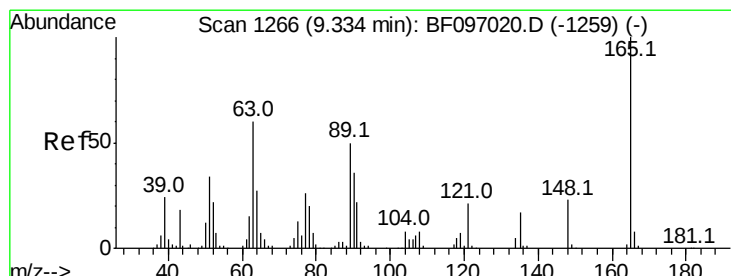
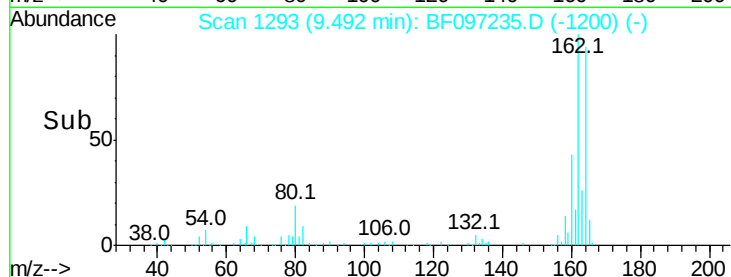
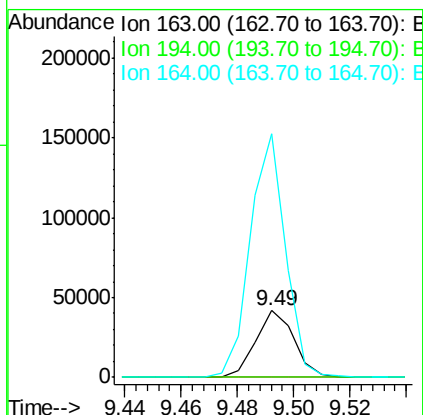
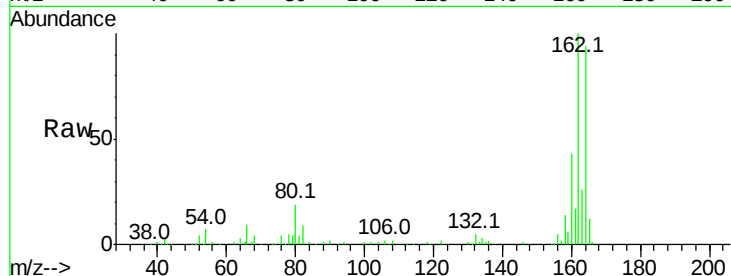




#49
Dimethylphthalate
Concen: 3.953 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.25 min
Lab File: BF097235.D
Acq: 1 Aug 2017 16:56

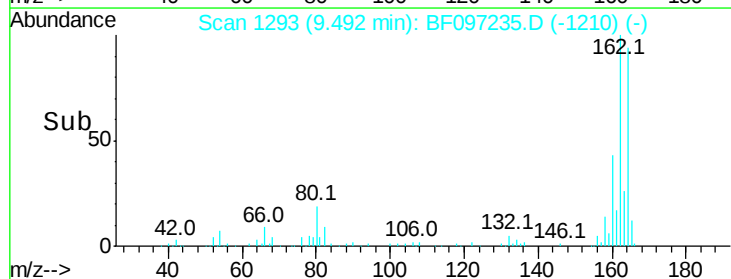
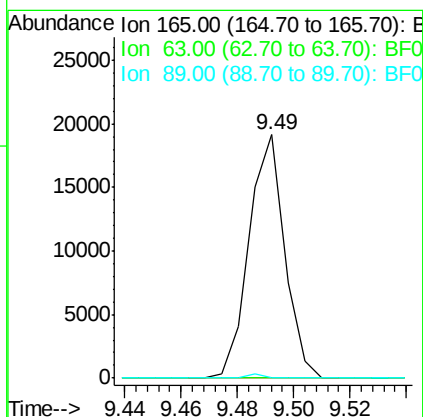
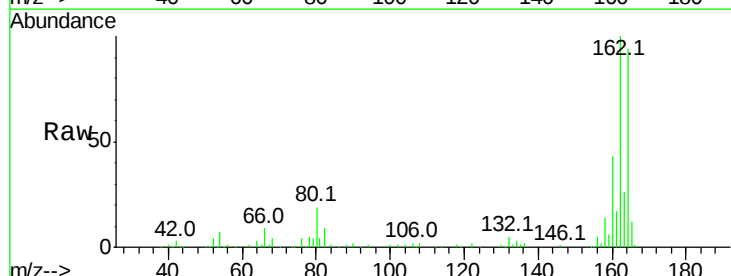
Instrument :
BNA_F
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Tot Ion:163 Resp: 39531
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 366.8 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 7.898 ng
RT: 9.49 min Scan# 1293
Delta R.T. 0.19 min
Lab File: BF097235.D
Acq: 1 Aug 2017 16:56

Tgt Ion:165 Resp: 16753
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

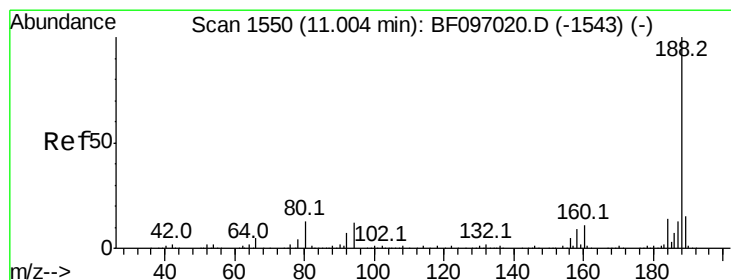
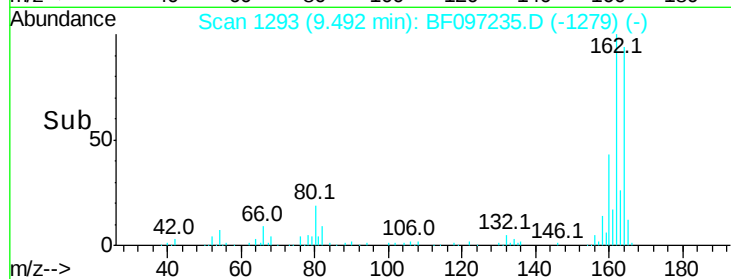
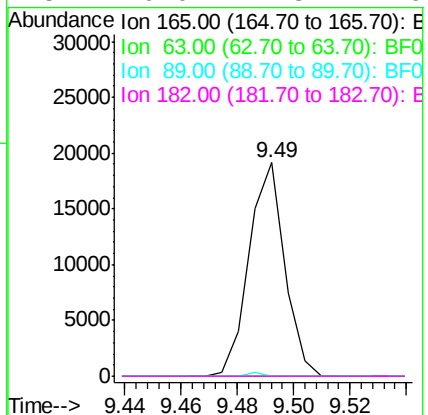
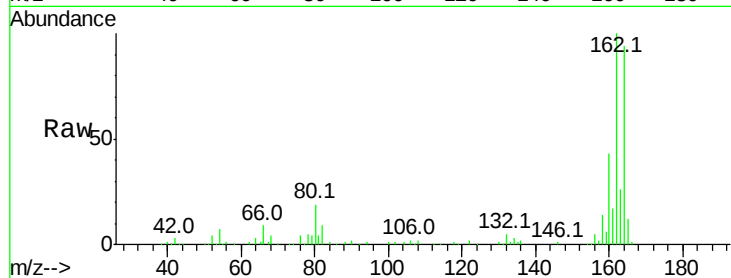




#56
 2,4-Dinitrotoluene
 Concen: 6.870 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.22 min
 Lab File: BF097235.D
 Acq: 1 Aug 2017 16:56

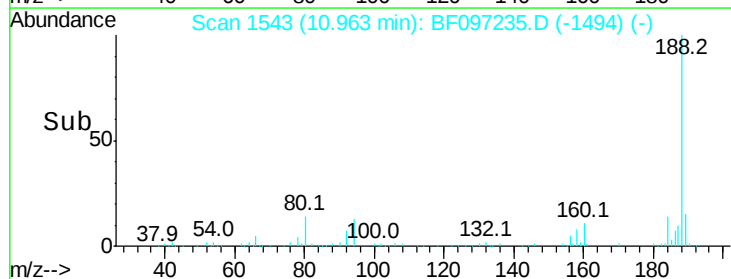
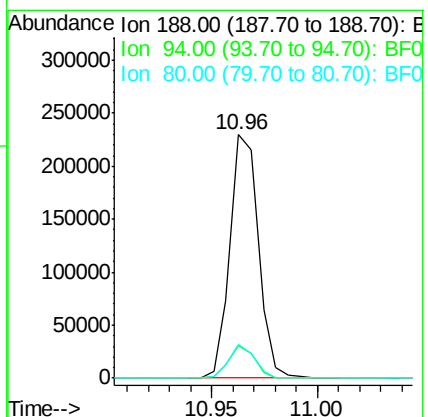
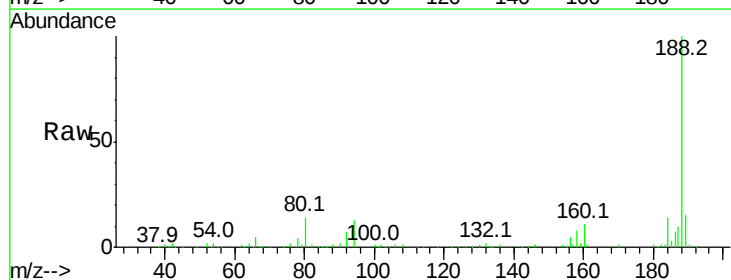
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-C

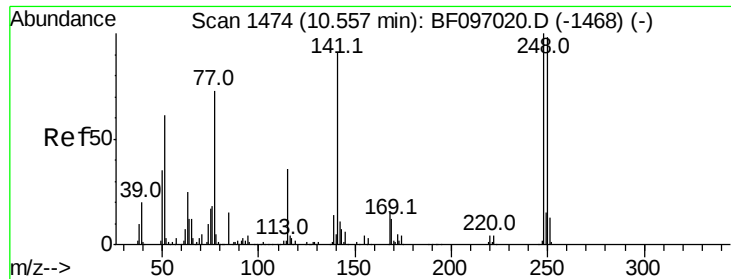
Tot Ion:165 Resp: 16753
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF097235.D
 Acq: 1 Aug 2017 16:56

Tgt Ion:188 Resp: 213504
 Ion Ratio Lower Upper
 188 100
 94 13.2 9.4 14.2
 80 13.8 10.2 15.2

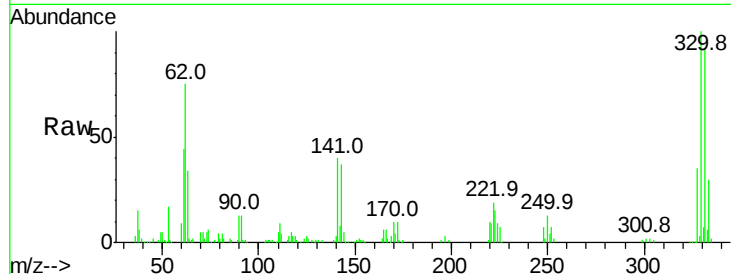




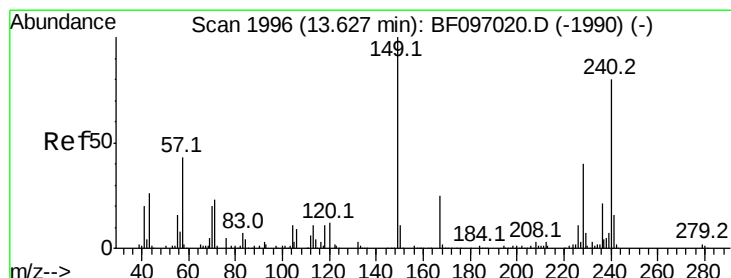
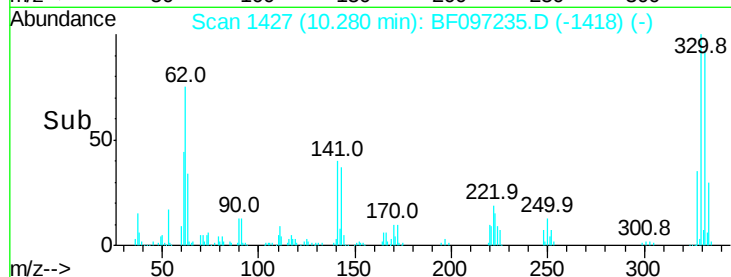
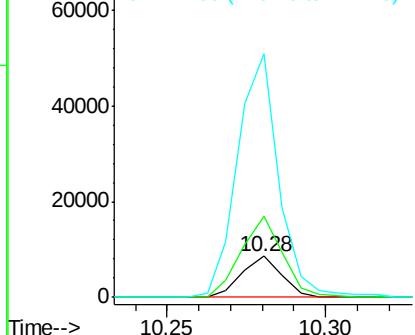
#66
 4-Bromophenyl-phenylether
 Concen: 3.506 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF097235.D
 Acq: 1 Aug 2017 16:56

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

Tot Ion:248 Resp: 7471
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.8 115.2#
 141 597.1 68.6 103.0#

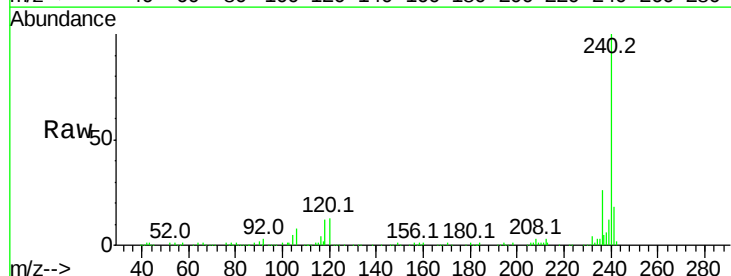


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

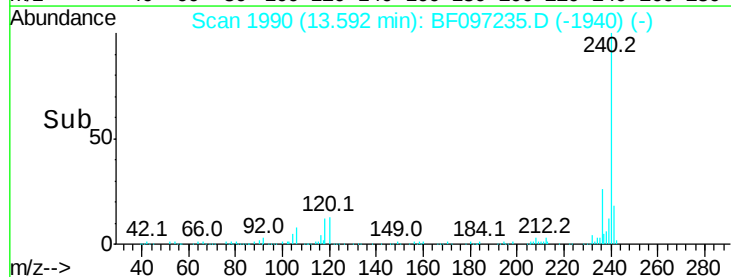
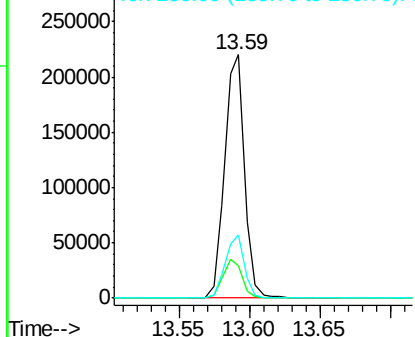


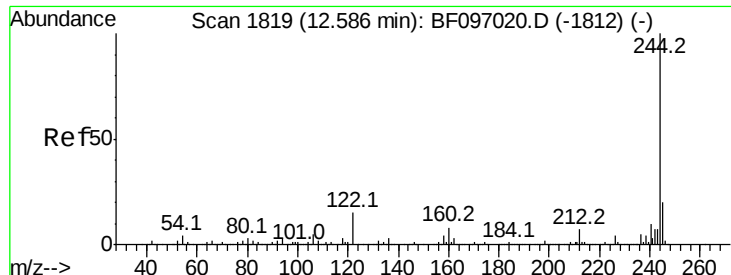
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097235.D
 Acq: 1 Aug 2017 16:56

Tgt Ion:240 Resp: 214393
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 26.1 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: 51.786 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF097235.D

Acq: 1 Aug 2017 16:56

Instrument :

BNA_F

ClientSampleId :

CL-02-072717-C

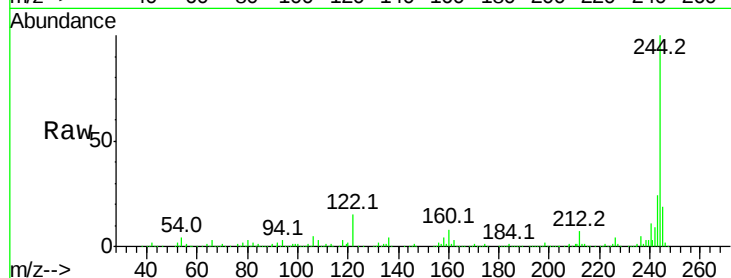
Tot Ion:244 Resp: 544546

Ion Ratio Lower Upper

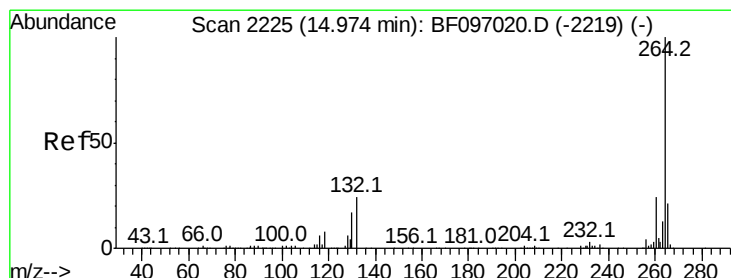
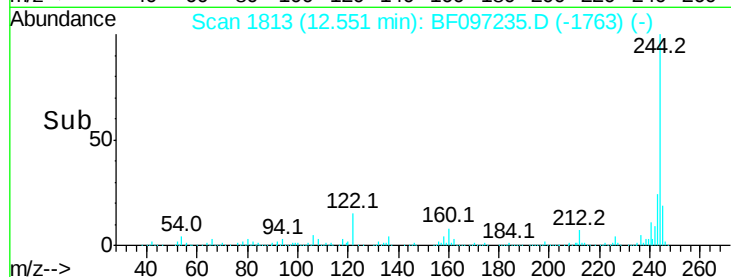
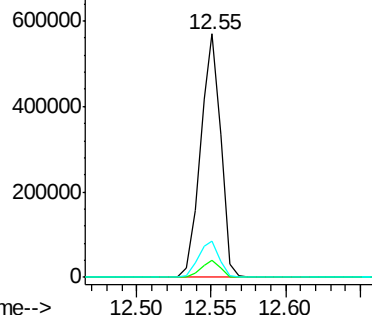
244 100

212 6.9 6.0 9.0

122 14.8 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

Perylene-d12

Concen: 20.000 ng

RT: 14.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF097235.D

Acq: 1 Aug 2017 16:56

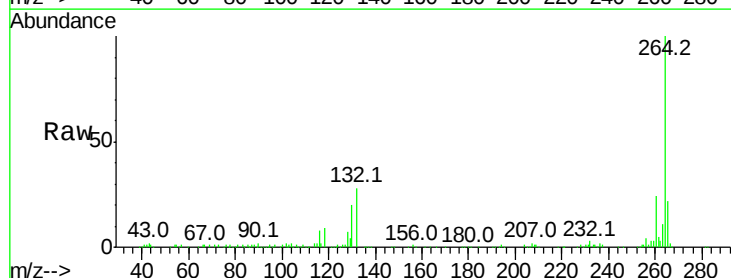
Tgt Ion:264 Resp: 168302

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.5 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

