

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097090.D
 Acq On : 26 Jul 2017 22:10
 Operator : SJ/JU
 Sample : I4360-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

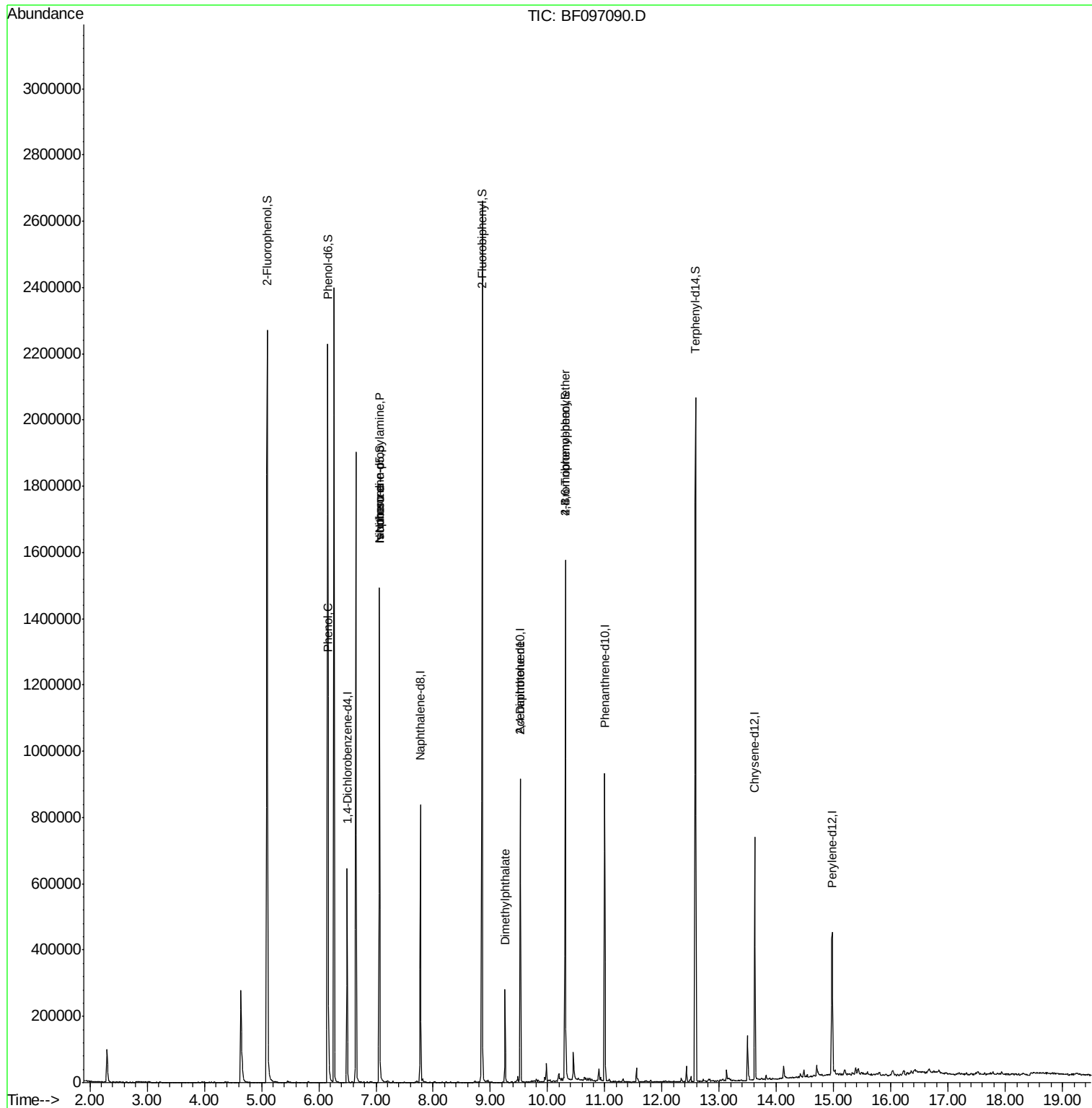
Quant Time: Jul 27 08:19:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

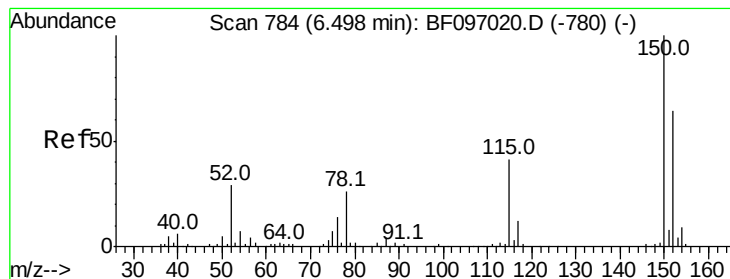
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	93915	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	388876	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	173212	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	312110	20.00	ng	0.00
75) Chrysene-d12	13.62	240	222253	20.00	ng	0.00
86) Perylene-d12	14.97	264	172527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	650102	104.35	ng	0.00
7) Phenol-d6	6.16	99	774518	108.90	ng	-0.01
23) Nitrobenzene-d5	7.06	82	453004	68.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	168839	123.37	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	873927	85.63	ng	-0.01
78) Terphenyl-d14	12.59	244	658751	60.43	ng	0.00
Target Compounds						
10) Phenol	6.17	94	26387	3.128	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	59672	12.746	ng	# 87
25) Isophorone	7.06	82	452730	34.874	ng	# 67
49) Dimethylphthalate	9.26	163	108610	8.257	ng	99
56) 2,4-Dinitrotoluene	9.52	165	21991	6.857	ng	# 33
66) 4-Bromophenyl-phenylether	10.31	248	11398	3.659	ng	# 1

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

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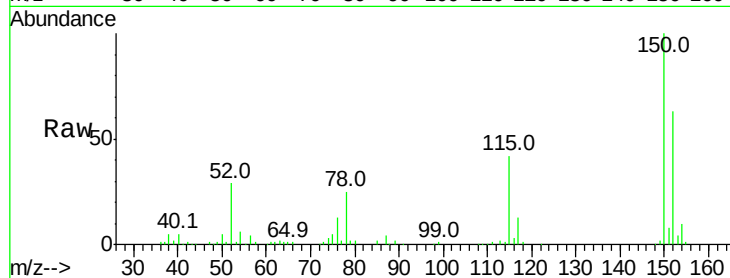


#1

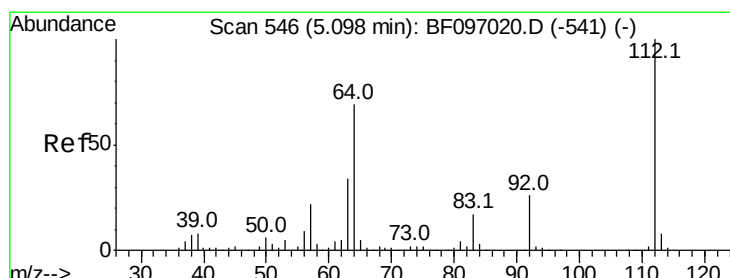
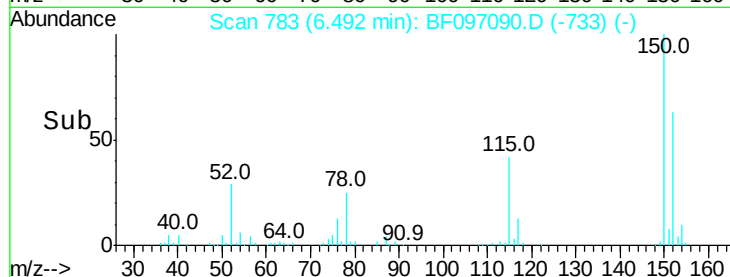
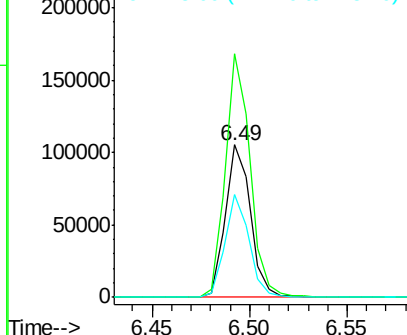
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93915
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 67.4 52.2 78.2



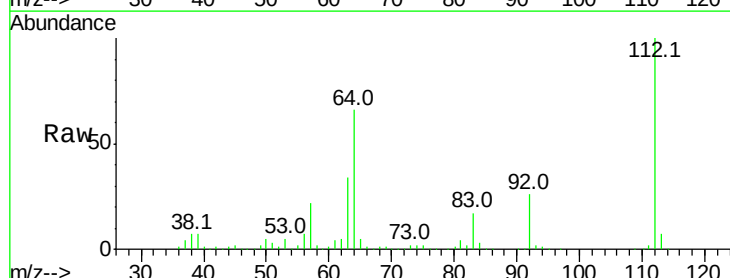
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



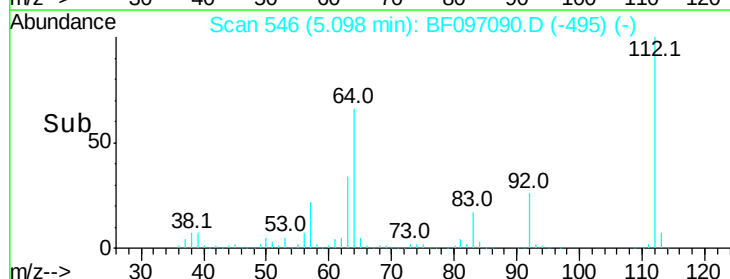
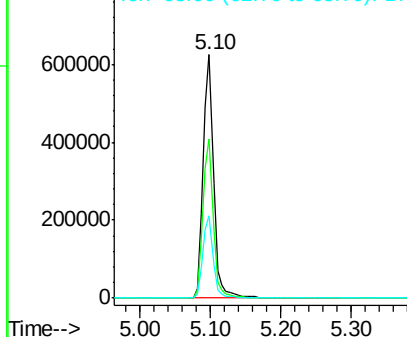
#5

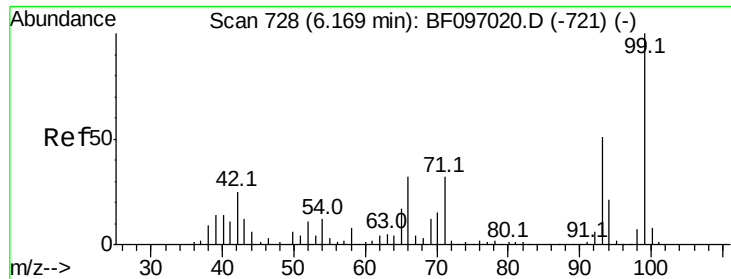
2-Fluorophenol
Concen: 104.352 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion:112 Resp: 650102
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 33.6 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: 108.900 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

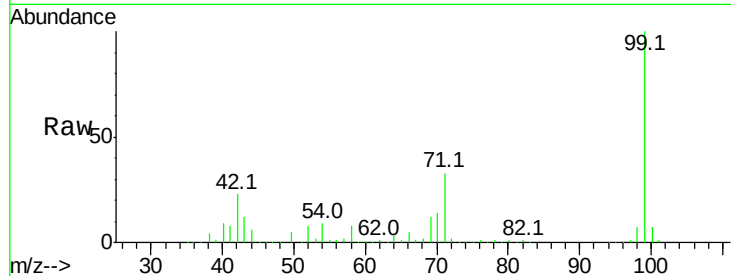
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 774518

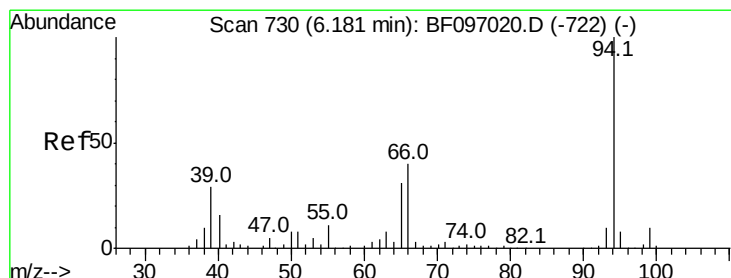
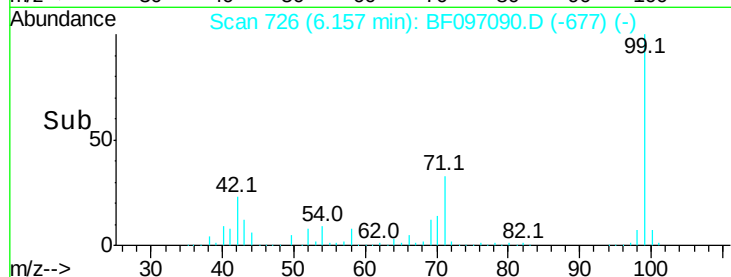
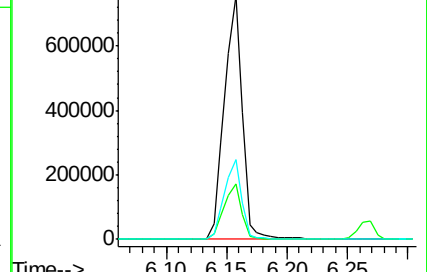
Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	32.6	24.5	36.7



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



#10

Phenol

Concen: 3.128 ng

RT: 6.17 min Scan# 728

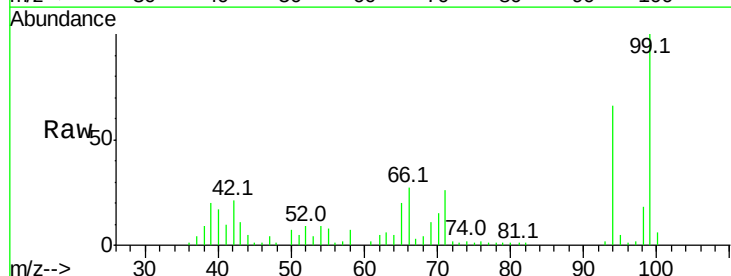
Delta R.T. -0.01 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

Tgt Ion: 94 Resp: 26387

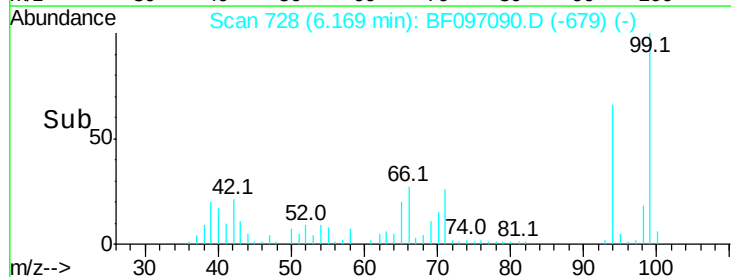
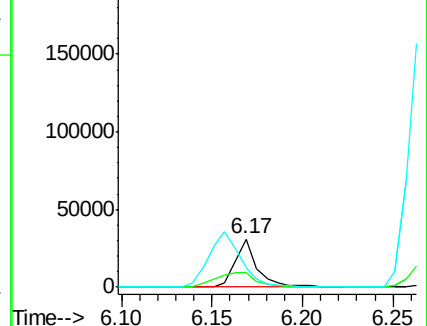
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	40.2	23.1	63.1

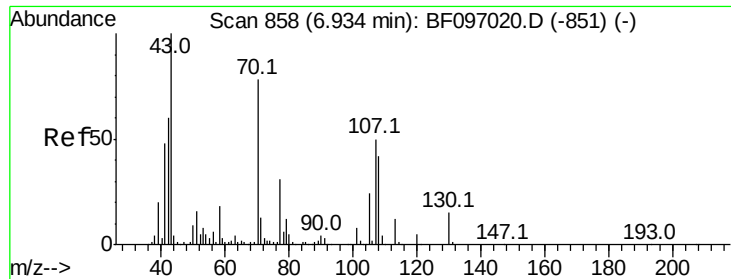


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

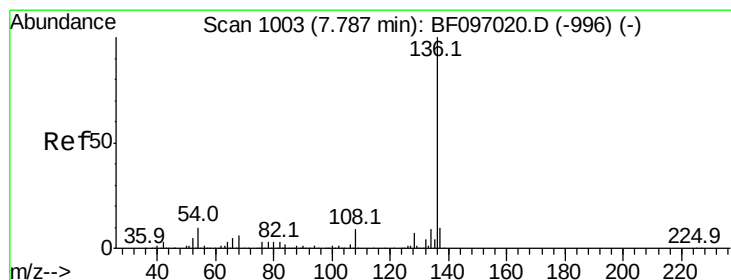
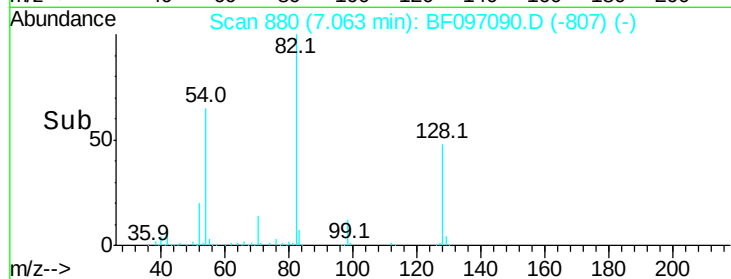
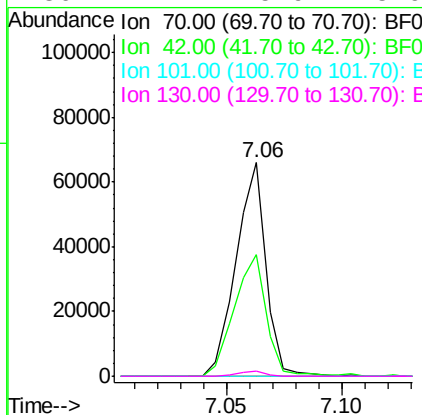
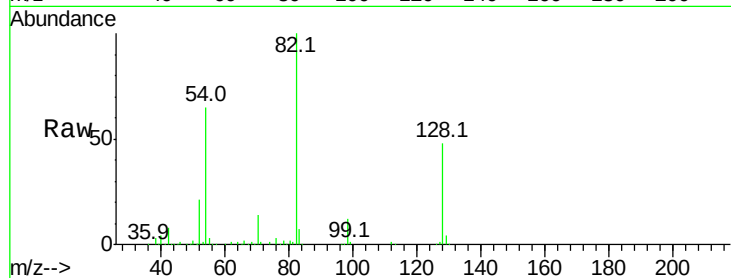




#19
n-Nitroso-di-n-propylamine
Concen: 12.746 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

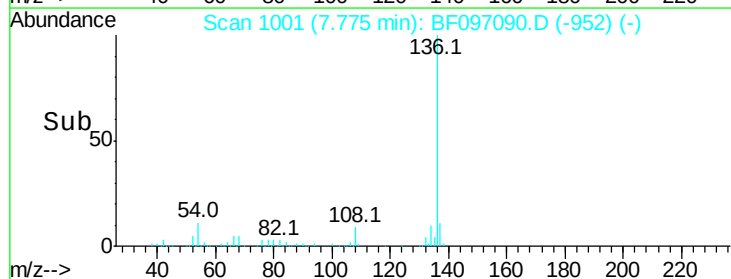
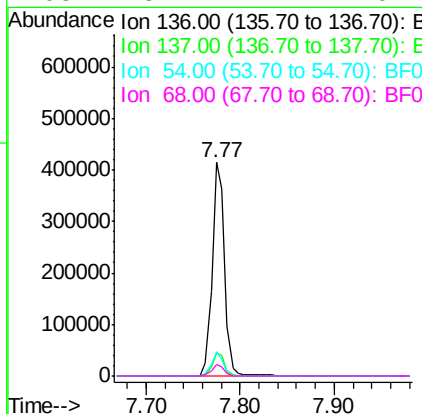
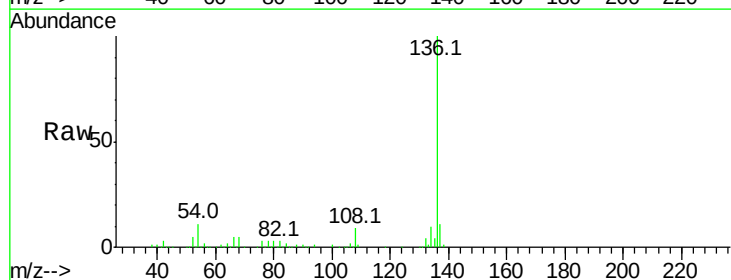
Instrument :
BNA_F
ClientSampled :

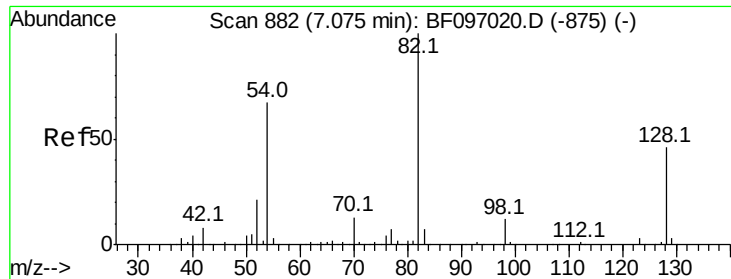
Tot Ion: 70 Resp: 59672
Ion Ratio Lower Upper
70 100
42 56.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion:136 Resp: 388876
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.4 4.9 7.3#
68 5.4 4.1 6.1

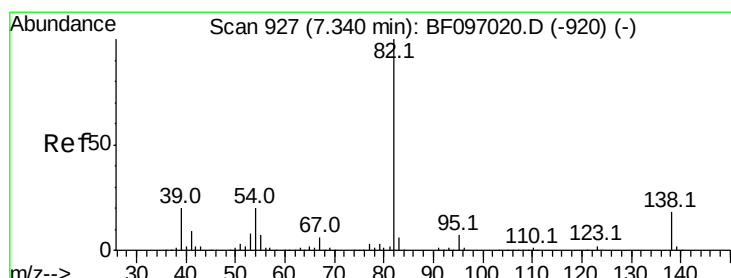
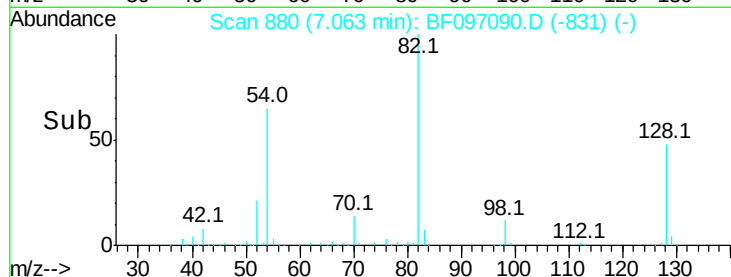
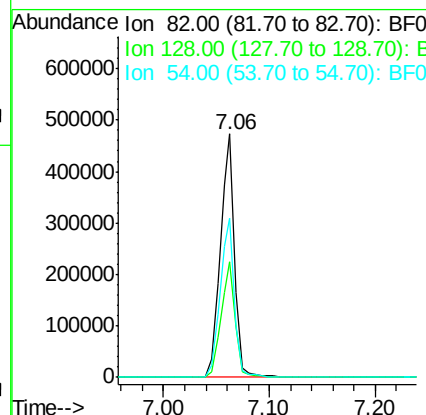
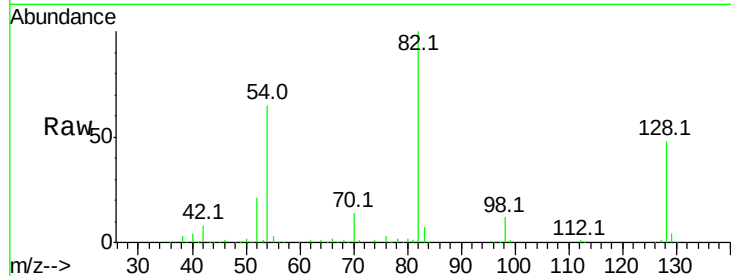




#23
 Nitrobenzene-d5
 Concen: 68.338 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097090.D
 Acq: 26 Jul 2017 22:10

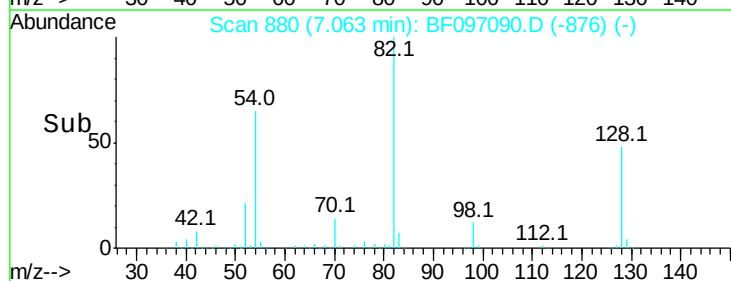
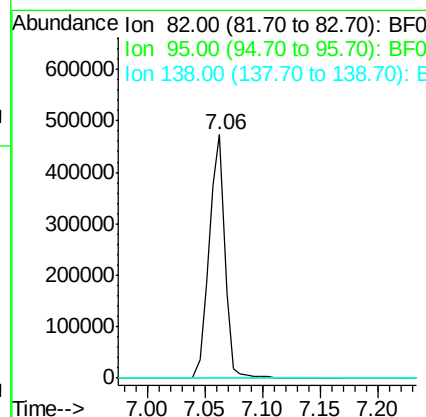
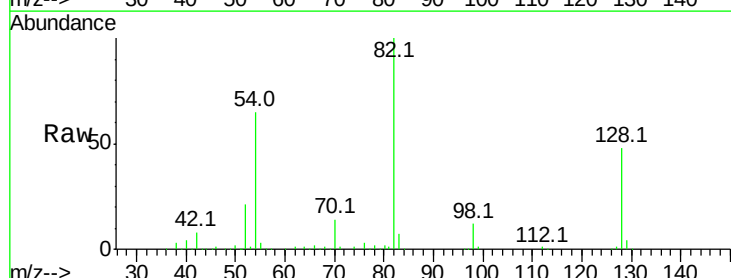
Instrument :
 BNA_F
 ClientSampleId :

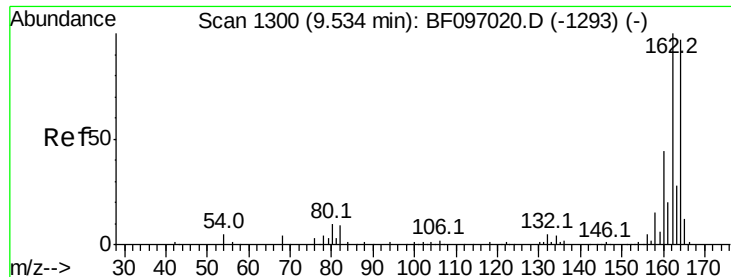
Tot Ion: 82 Resp: 453004
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 65.2 42.2 63.2#



#25
 Isophorone
 Concen: 34.874 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097090.D
 Acq: 26 Jul 2017 22:10

Tgt Ion: 82 Resp: 452730
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

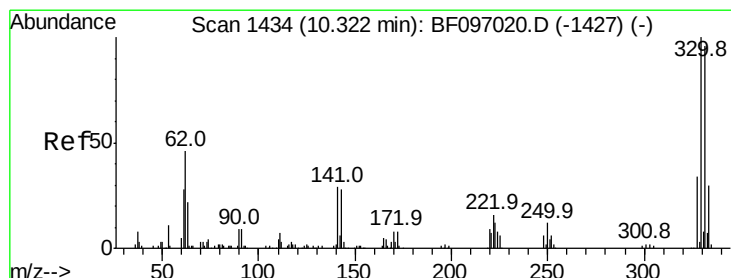
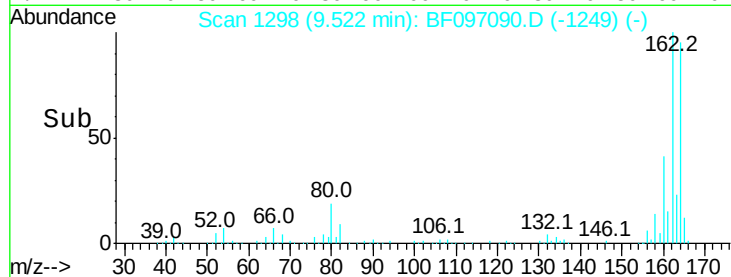
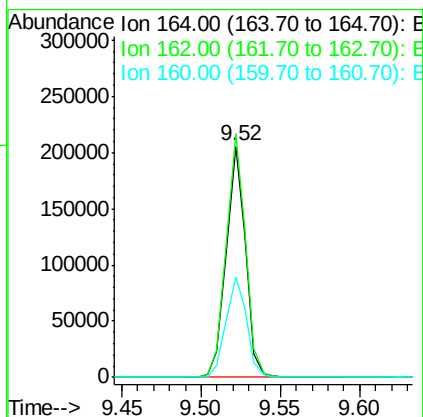
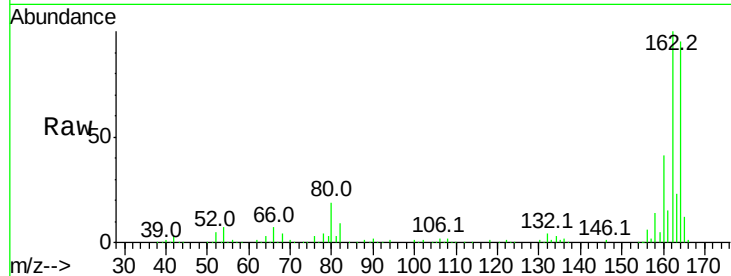




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097090.D
 Acq: 26 Jul 2017 22:10

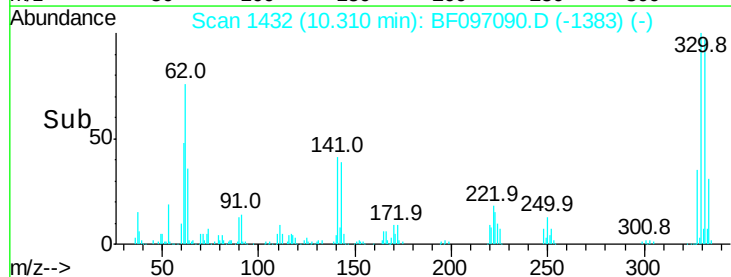
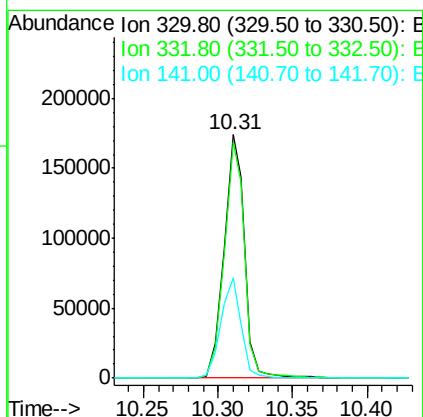
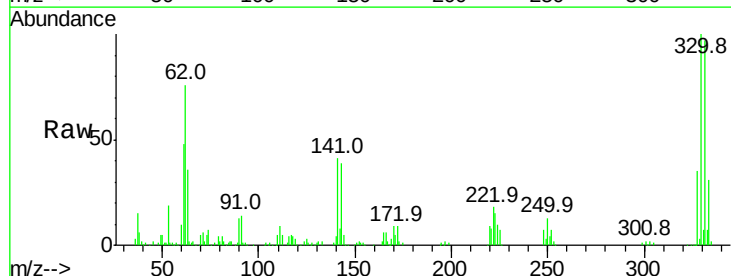
Instrument :
 BNA_F
 ClientSampleId :

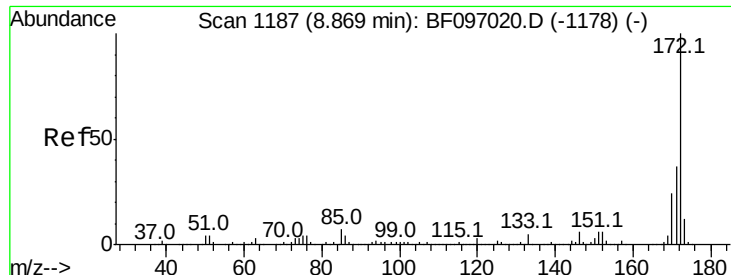
Tot Ion:164 Resp: 173212
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 43.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 123.371 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097090.D
 Acq: 26 Jul 2017 22:10

Tgt Ion:330 Resp: 168839
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.9 31.4 47.2

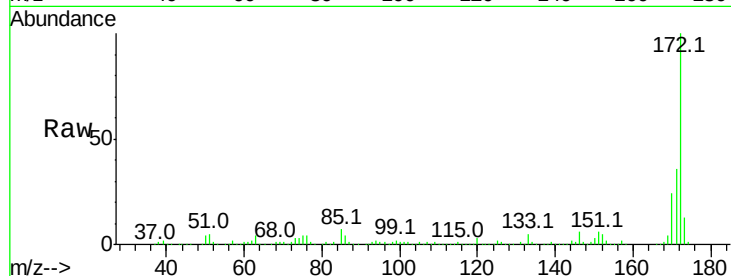




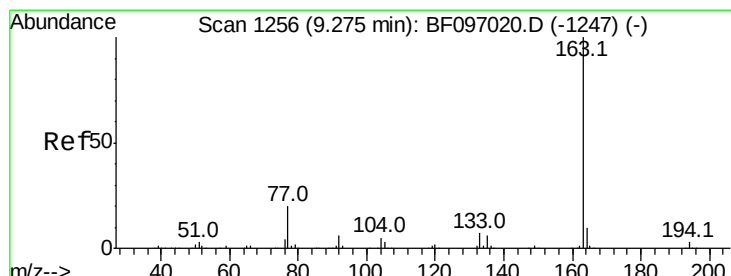
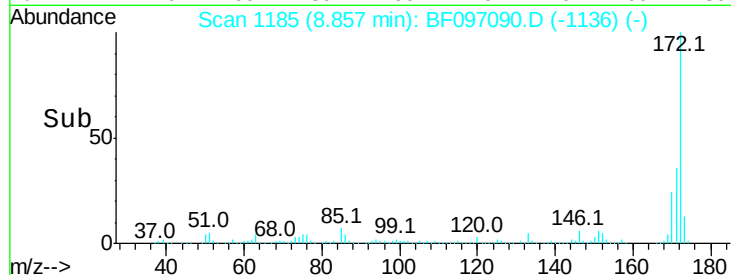
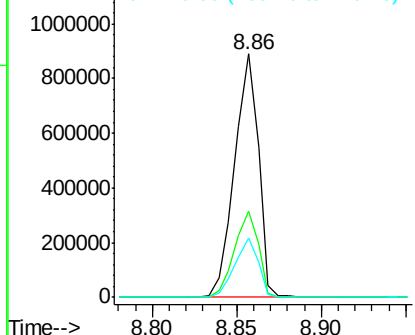
#44
2-Fluorobiphenyl
Concen: 85.626 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.2	19.8	29.8

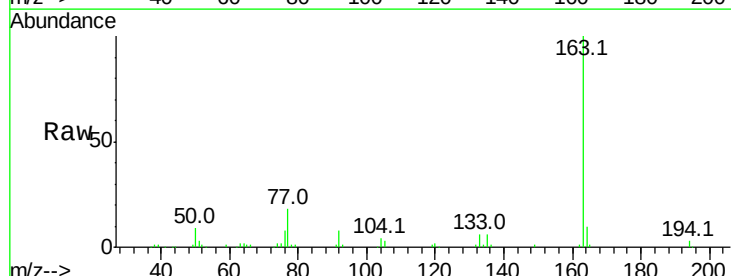


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

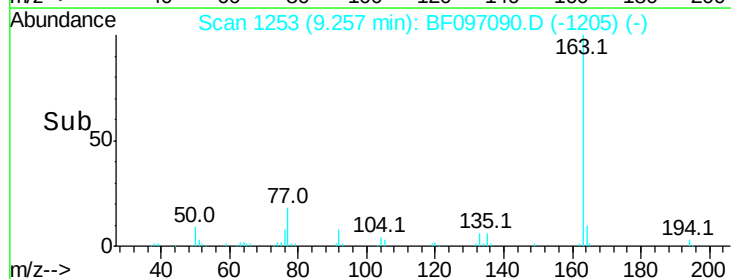
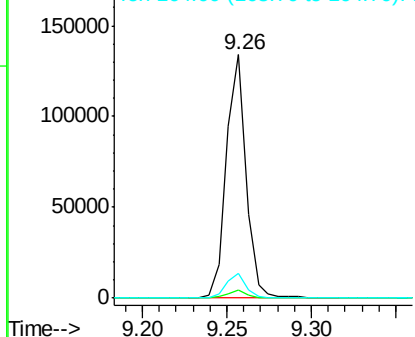


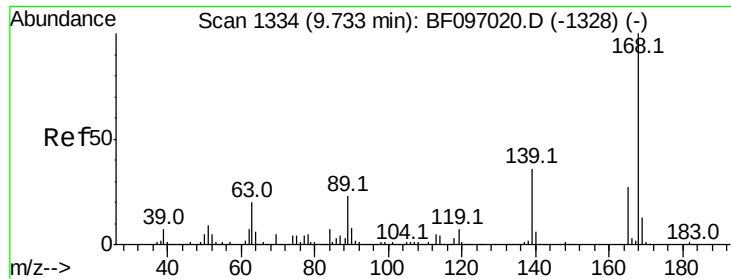
#49
Dimethylphthalate
Concen: 8.257 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	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: 6.857 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 21991

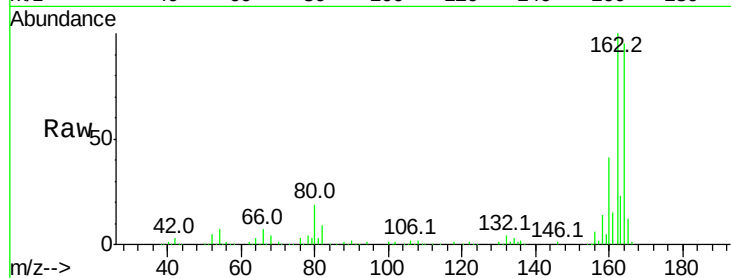
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

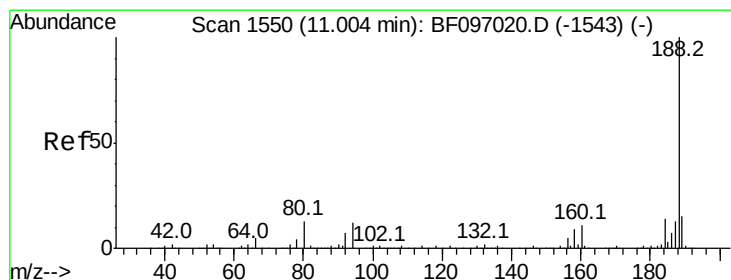
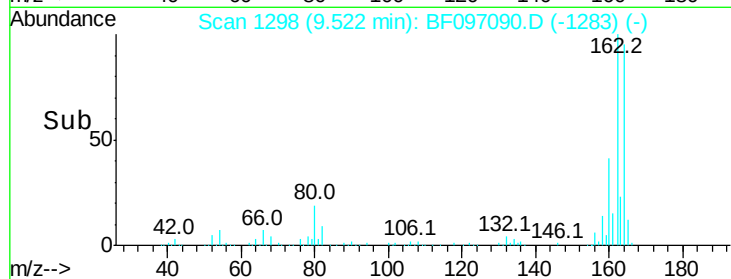
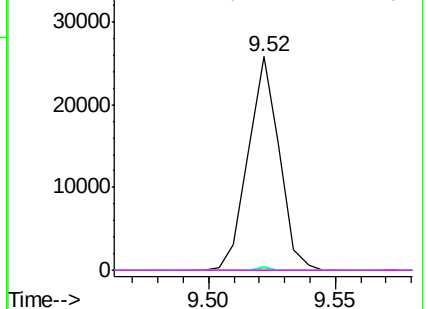


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

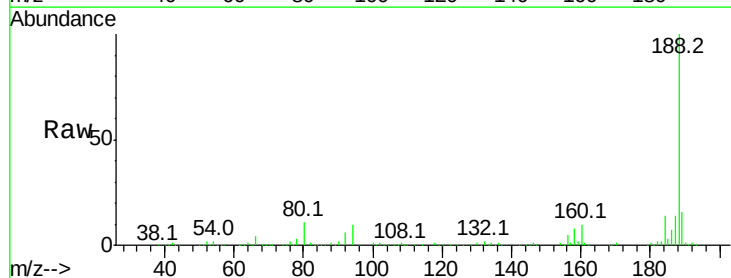
Tgt Ion:188 Resp: 312110

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

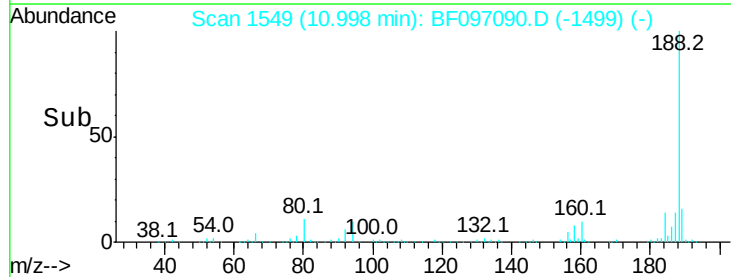
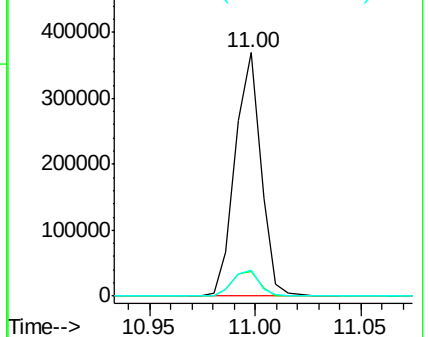
80 10.6 10.2 15.2

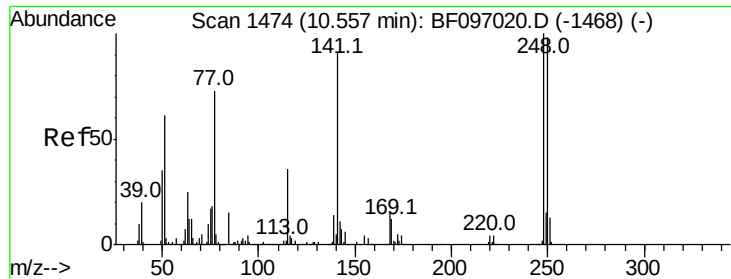


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

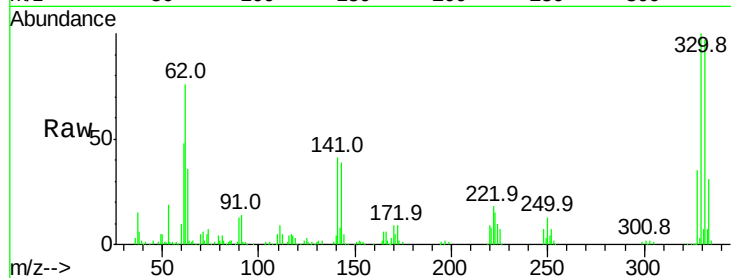




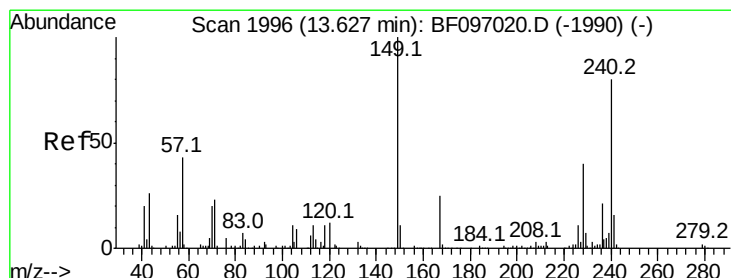
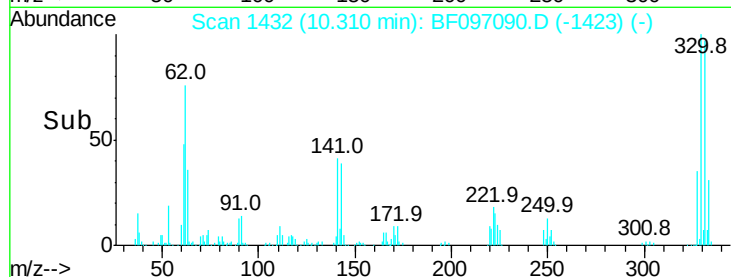
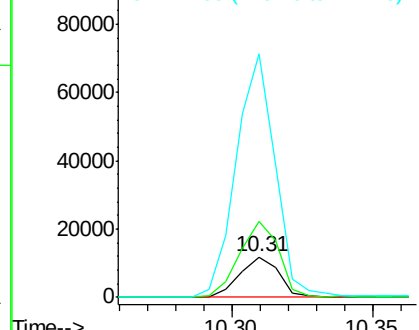
#66
4-Bromophenyl-phenylether
Concen: 3.659 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11398
Ion Ratio Lower Upper
248 100
250 187.6 76.8 115.2#
141 604.4 68.6 103.0#

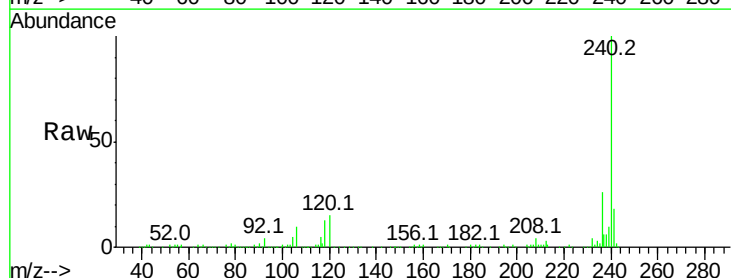


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

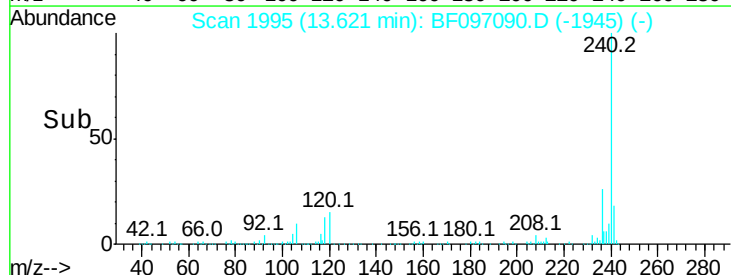
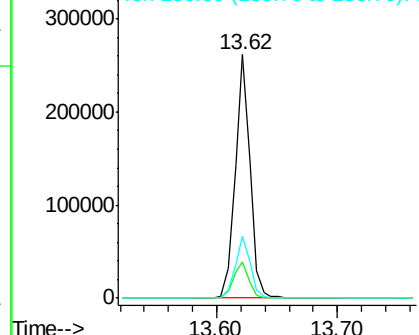


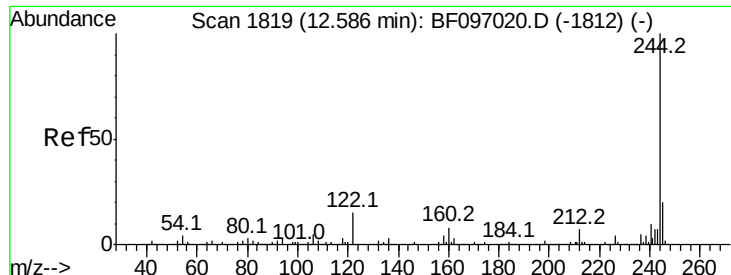
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097090.D
Acq: 26 Jul 2017 22:10

Tgt Ion:240 Resp: 222253
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.5 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: 60.431 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

Instrument :

BNA_F

ClientSampleId :

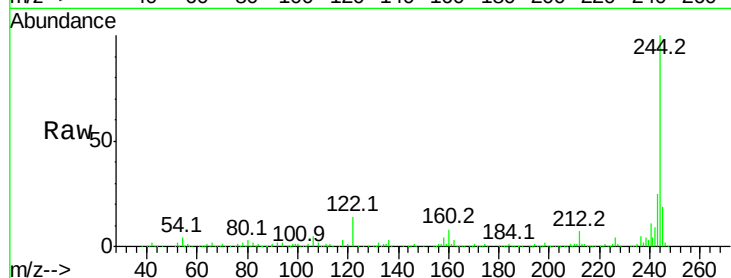
Tot Ion:244 Resp: 658751

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

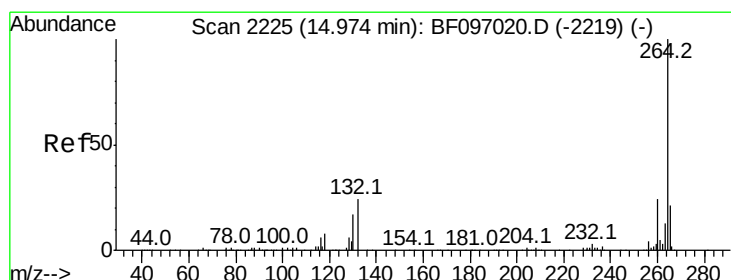
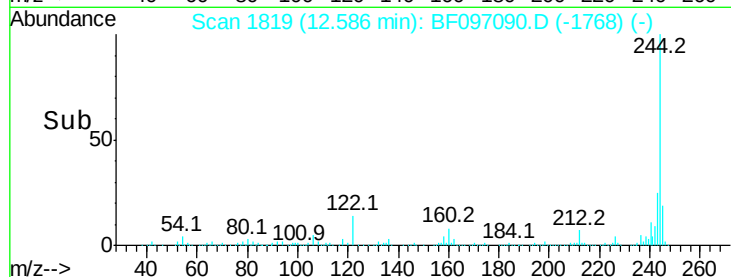
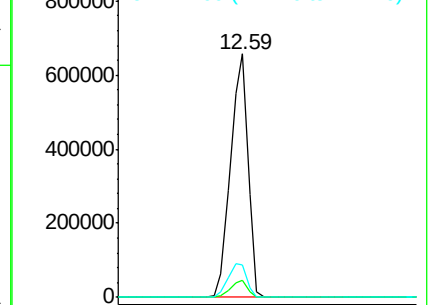
122 13.5 10.3 15.5



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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097090.D

Acq: 26 Jul 2017 22:10

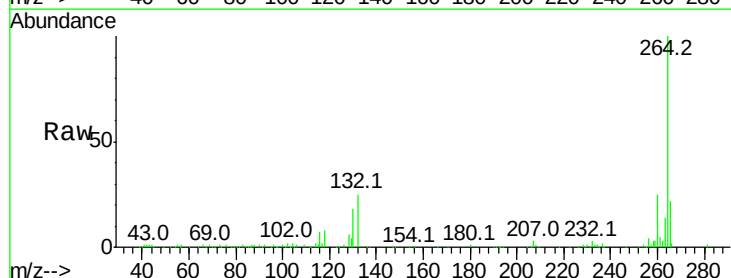
Tgt Ion:264 Resp: 172527

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.9 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

