

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097093.D
 Acq On : 26 Jul 2017 23:33
 Operator : SJ/JU
 Sample : I4407-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:20:21 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

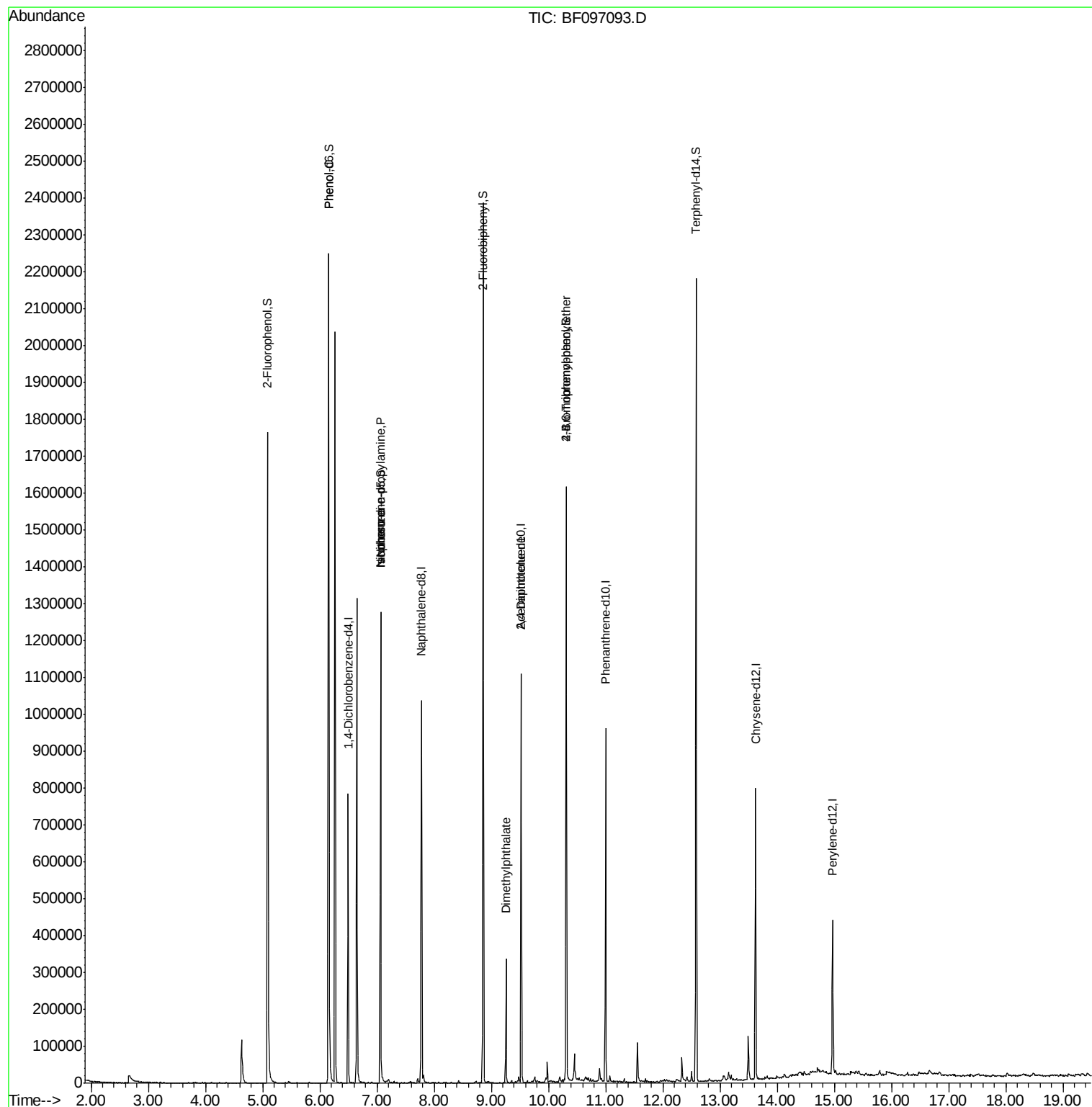
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109689	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	476616	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	207376	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	331051	20.00	ng	0.00
75) Chrysene-d12	13.62	240	250934	20.00	ng	0.00
86) Perylene-d12	14.97	264	179461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	518773	71.30	ng	-0.01
7) Phenol-d6	6.16	99	794307	95.62	ng	-0.01
23) Nitrobenzene-d5	7.06	82	387304	47.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	179678	109.66	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	716411	58.63	ng	-0.01
78) Terphenyl-d14	12.59	244	685266	55.68	ng	0.00
Target Compounds						
10) Phenol	6.16	94	32860	3.335	ng	81
19) n-Nitroso-di-n-propylamine	7.06	70	50861	9.302	ng	# 88
25) Isophorone	7.06	82	383525	24.105	ng	# 67
49) Dimethylphthalate	9.26	163	135337	8.594	ng	97
56) 2,4-Dinitrotoluene	9.52	165	26159	6.813	ng	# 33
66) 4-Bromophenyl-phenylether	10.31	248	11779	3.565	ng	# 1

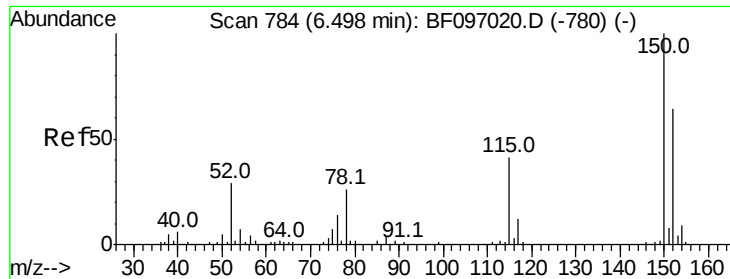
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampleId :

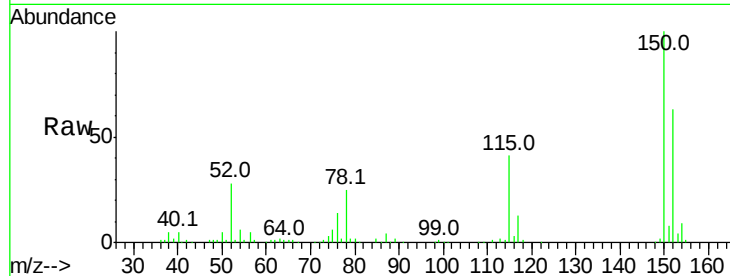
Tot Ion:152 Resp: 109689

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

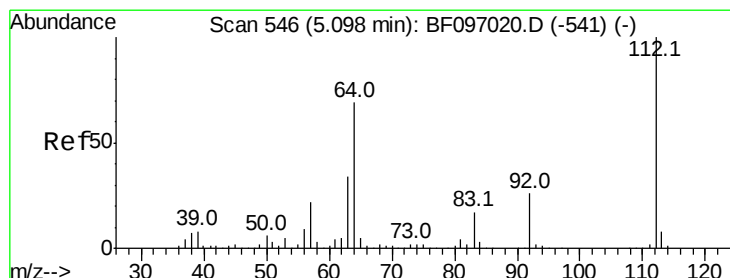
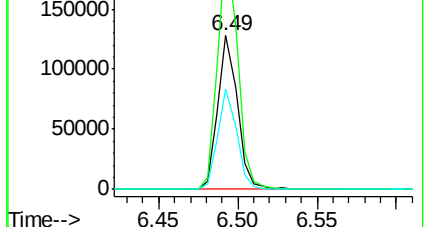
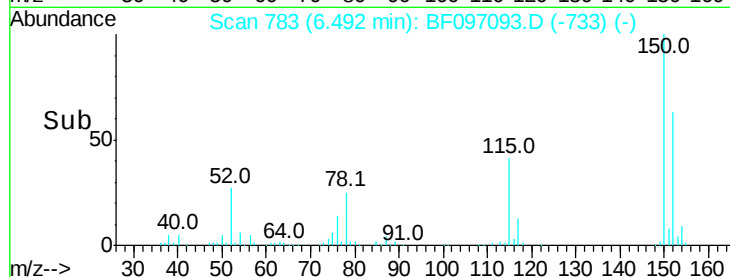
115 65.5 52.2 78.2



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: 71.297 ng

RT: 5.09 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

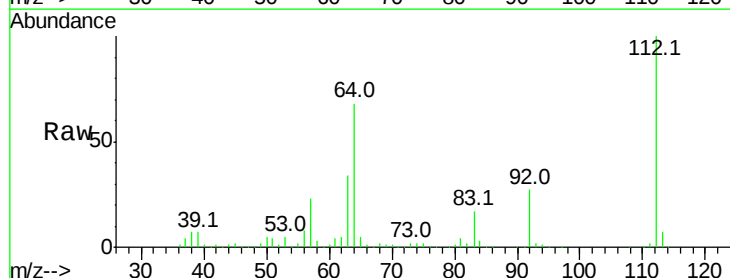
Tgt Ion:112 Resp: 518773

Ion Ratio Lower Upper

112 100

64 68.0 46.0 69.0

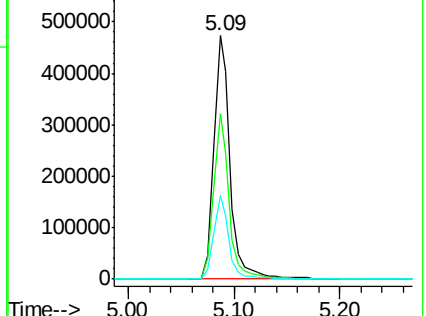
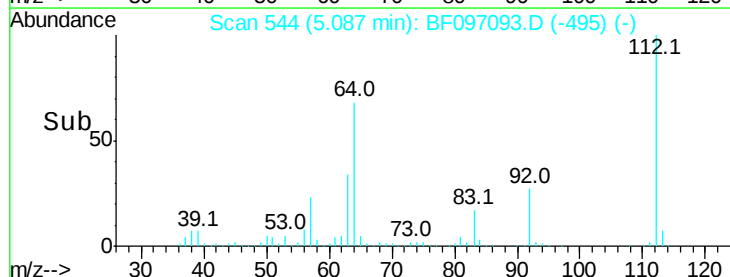
63 34.2 23.4 35.0

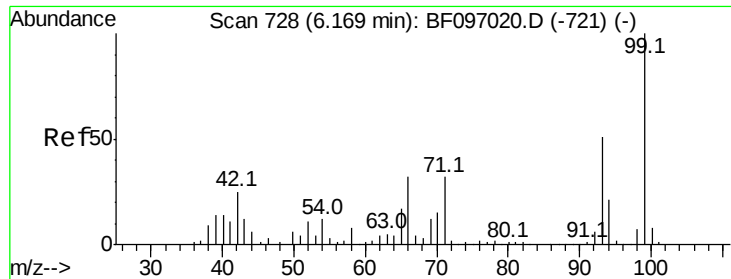


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.622 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampled :

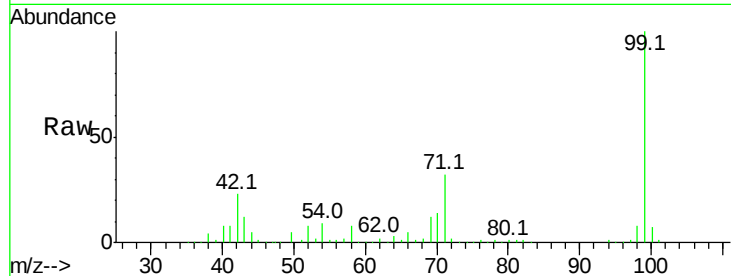
Tot Ion: 99 Resp: 794307

Ion Ratio Lower Upper

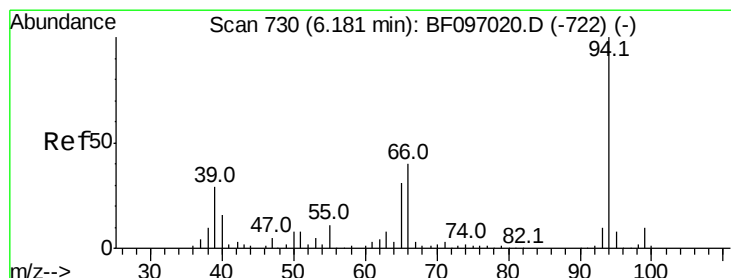
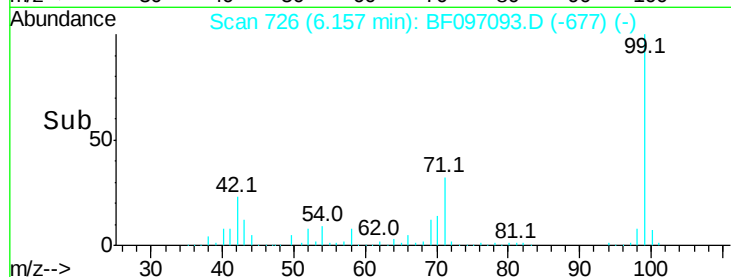
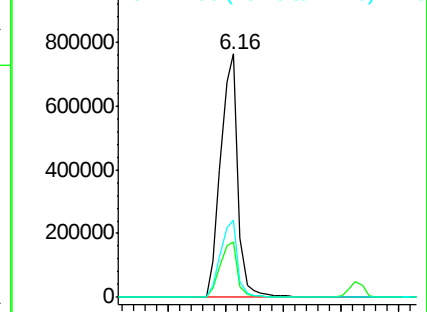
99 100

42 22.6 13.5 20.3#

71 31.7 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: 3.335 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

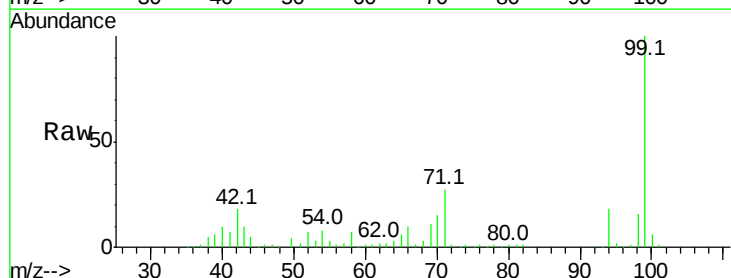
Tgt Ion: 94 Resp: 32860

Ion Ratio Lower Upper

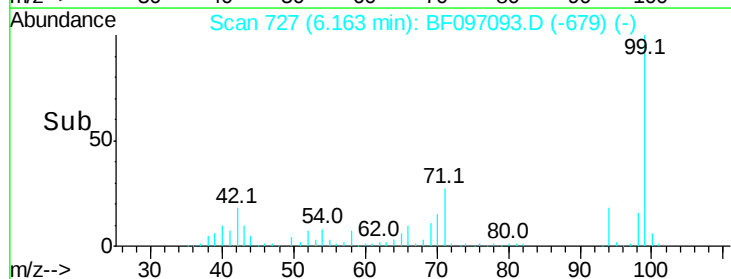
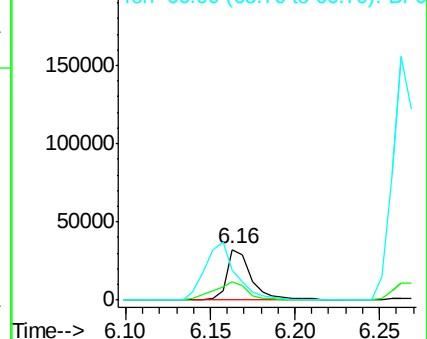
94 100

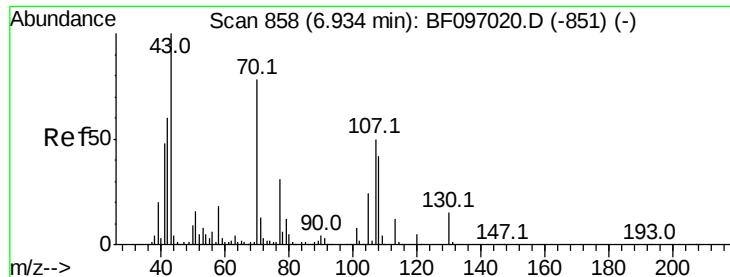
65 35.8 9.9 49.9

66 58.5 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: 9.302 ng

RT: 7.06 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF097093.D

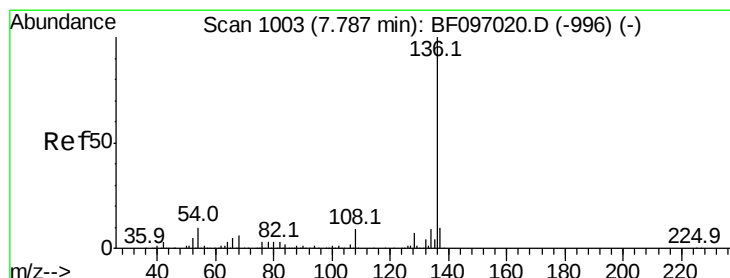
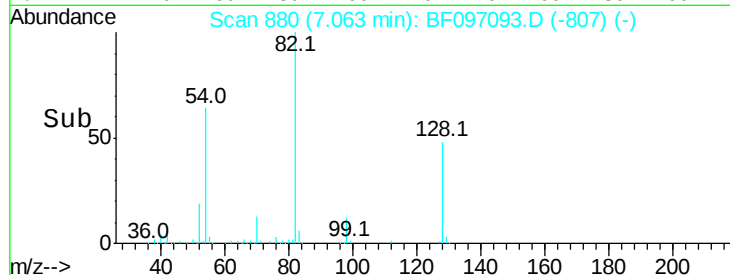
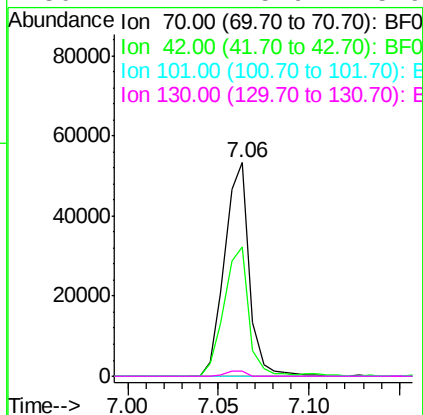
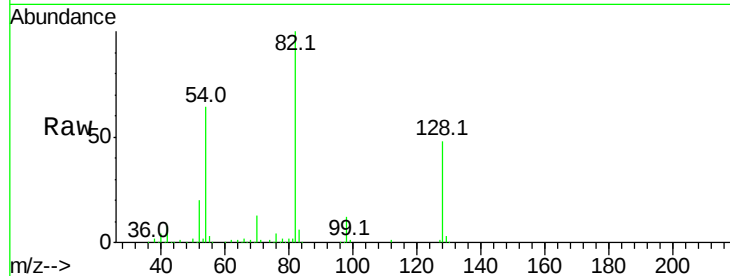
Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	50861
Ion	Ratio	Lower	Upper
70	100		
42	60.4	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

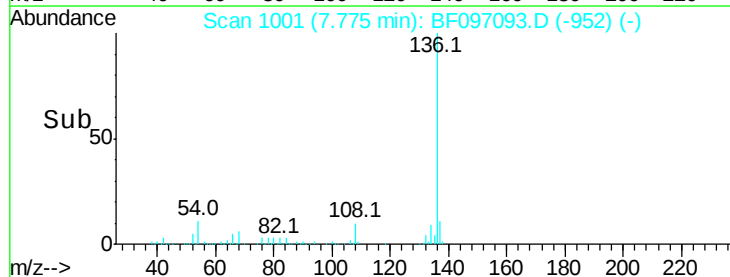
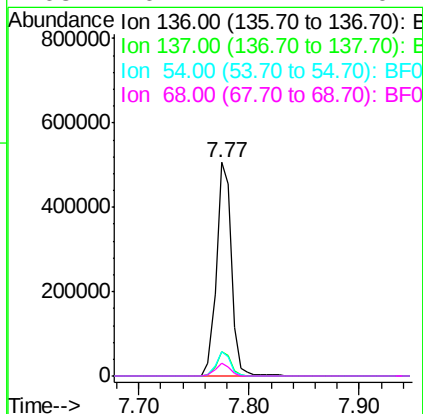
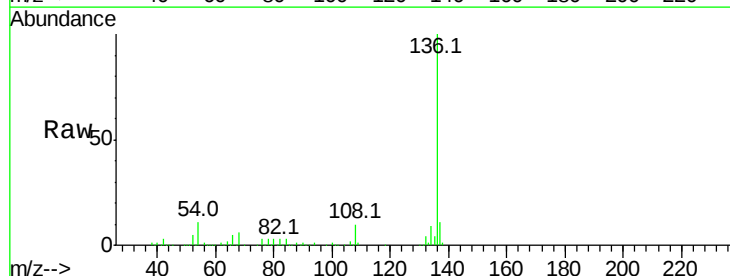
RT: 7.77 min Scan# 1001

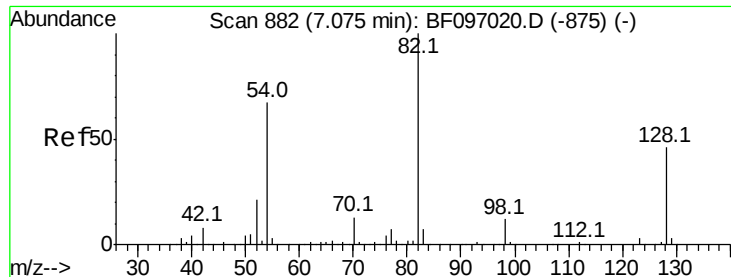
Delta R.T. -0.01 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Tgt Ion:	136	Resp:	476616
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.2	4.9	7.3#
68	6.2	4.1	6.1#

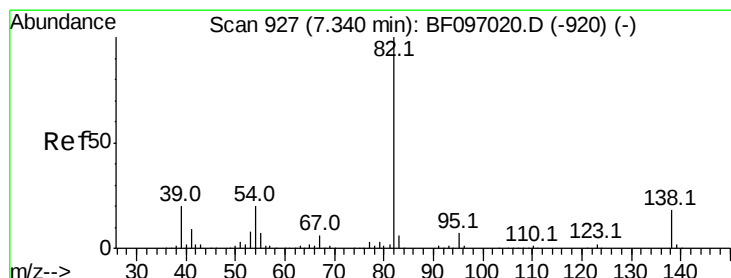
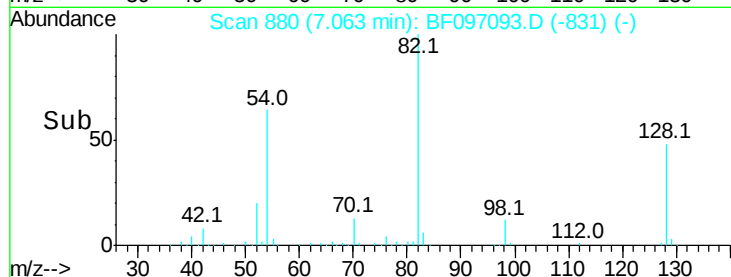
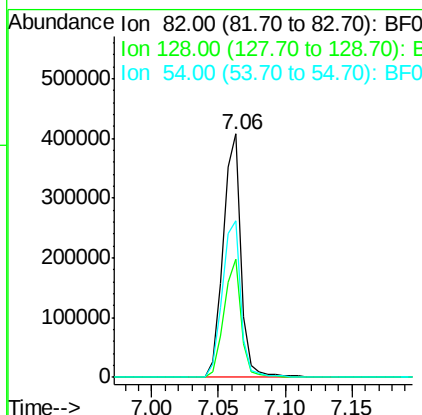
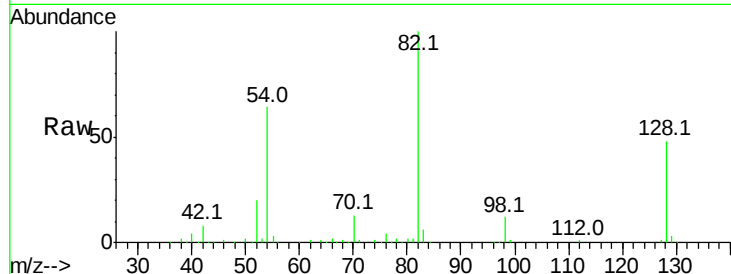




#23
Nitrobenzene-d5
Concen: 47.671 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

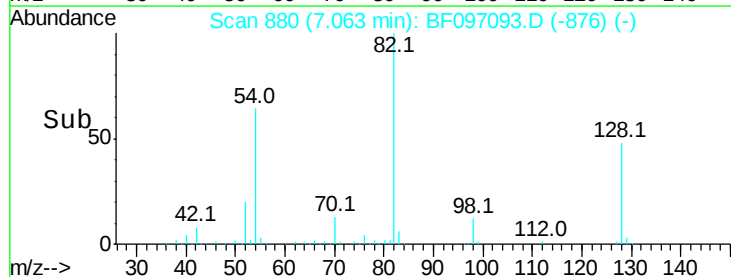
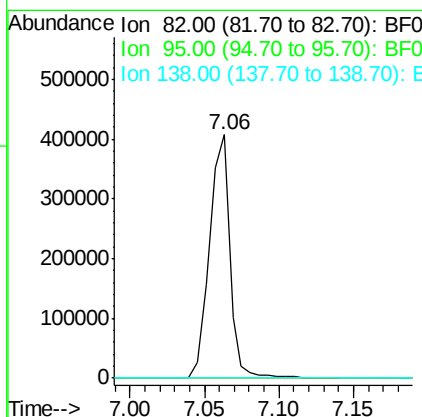
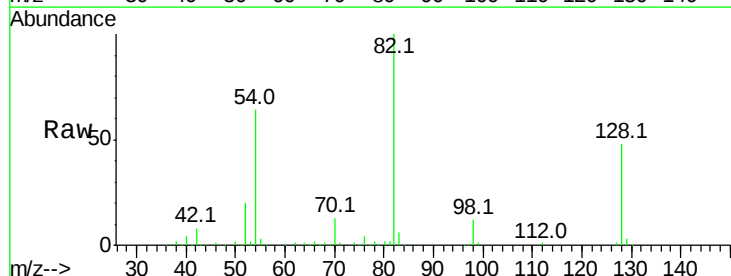
Instrument :
BNA_F
ClientSampleId :

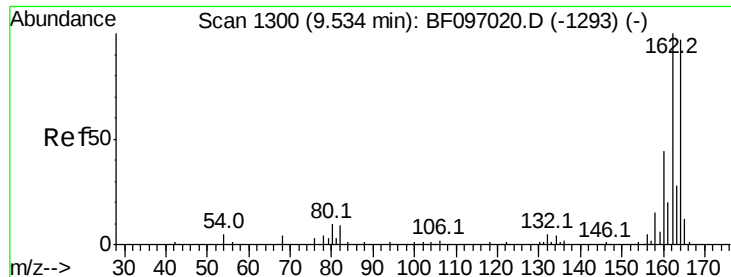
Tot Ion: 82 Resp: 387304
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 64.5 42.2 63.2#



#25
Isophorone
Concen: 24.105 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion: 82 Resp: 383525
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

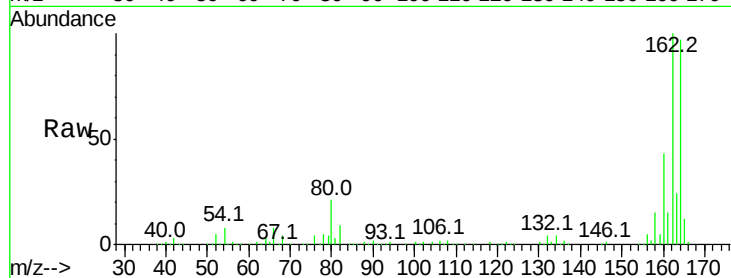




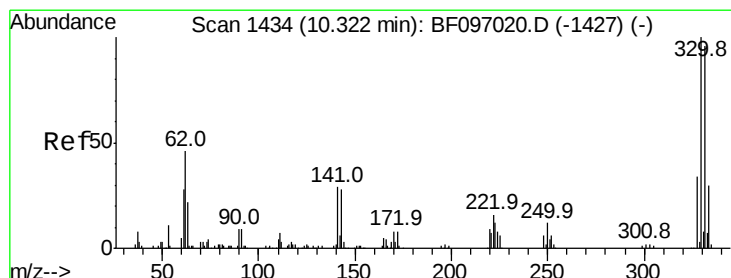
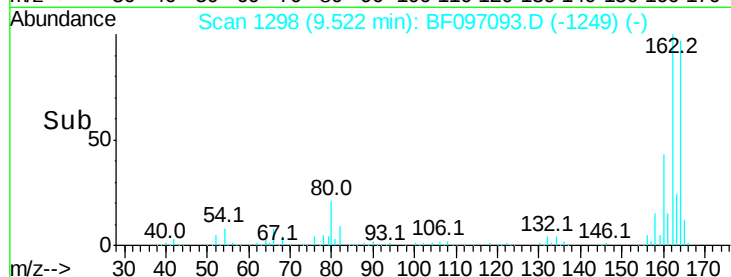
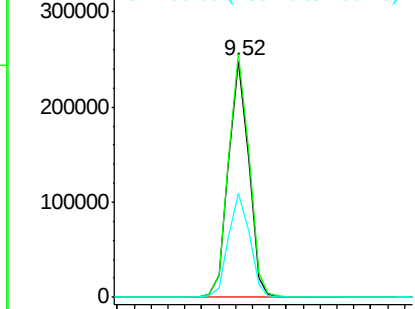
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 207376
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.0 36.2 54.2

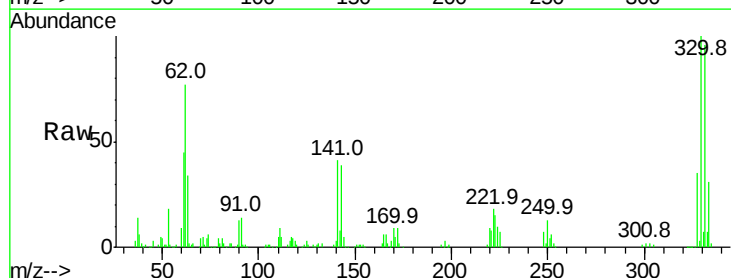


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

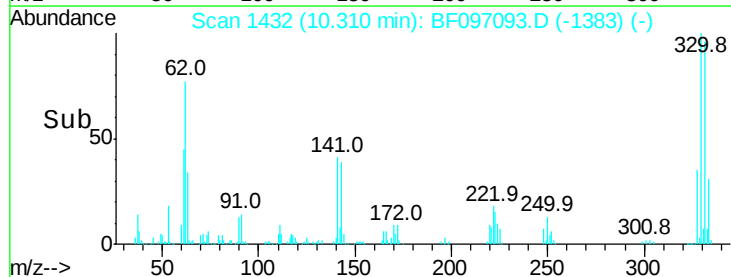
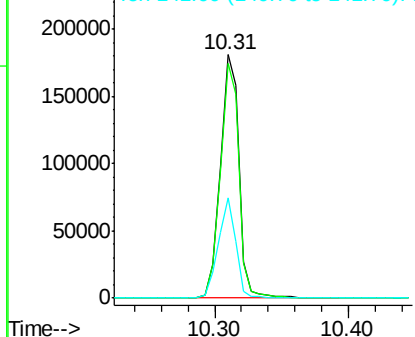


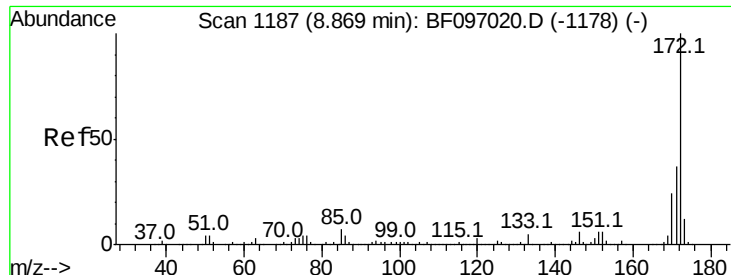
#41
2,4,6-Tribromophenol
Concen: 109.662 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion:330 Resp: 179678
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 38.6 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

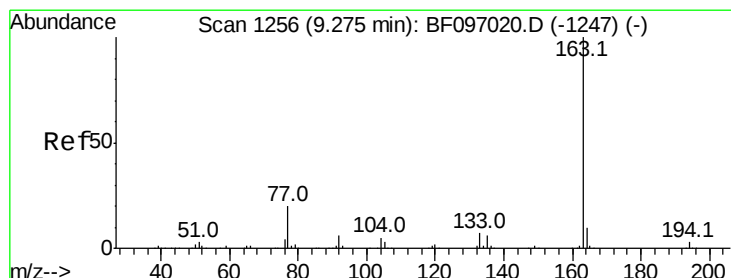
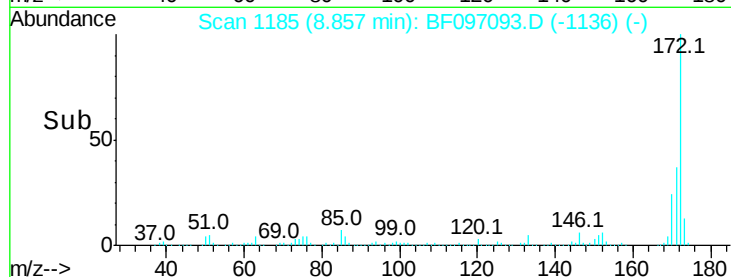
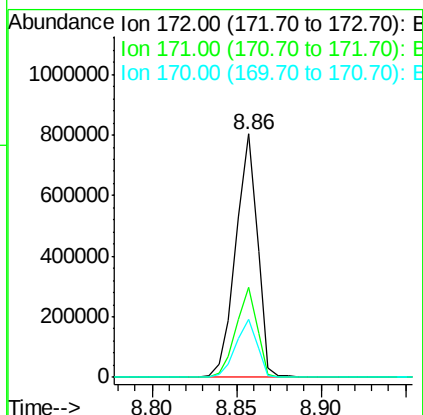
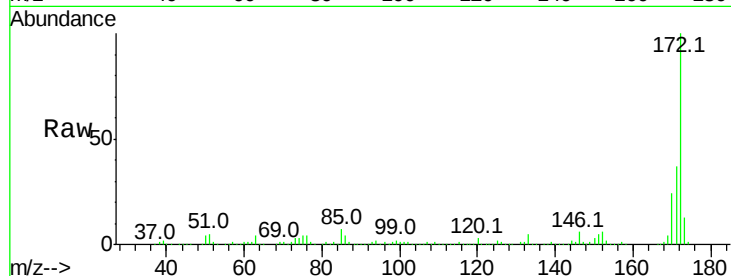




#44
2-Fluorobiphenyl
Concen: 58.629 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

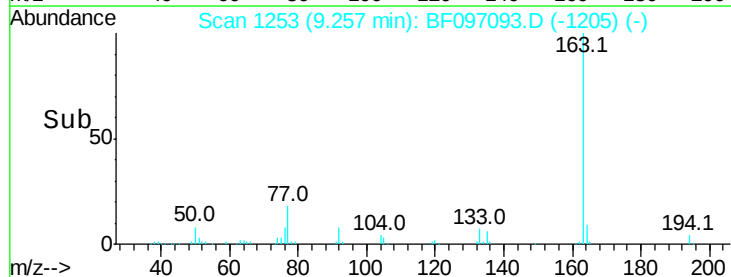
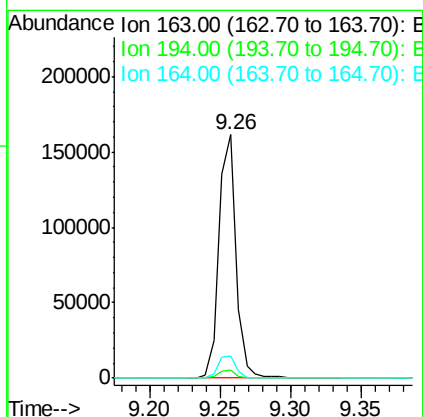
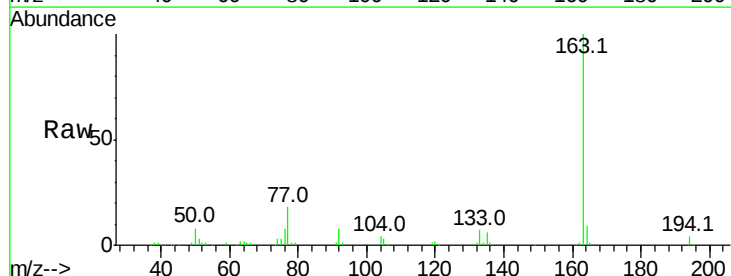
Instrument :
BNA_F
ClientSampled :

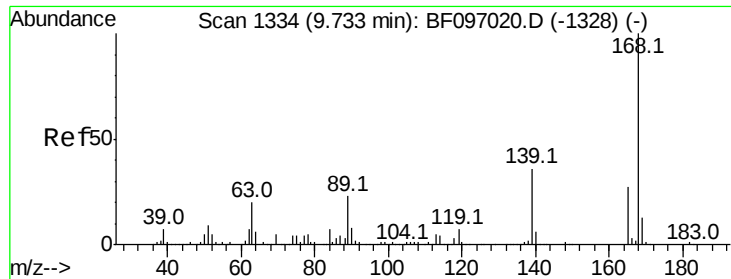
Tot Ion:172 Resp: 716411
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 8.594 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion:163 Resp: 135337
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.1 8.4 12.6

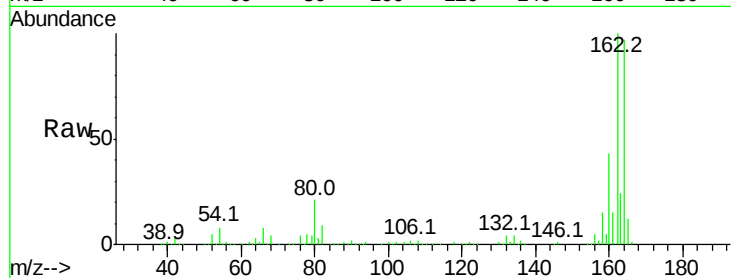




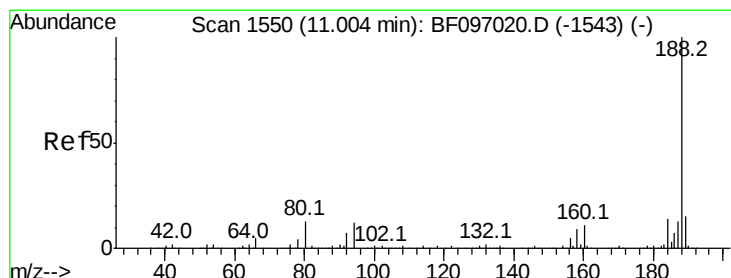
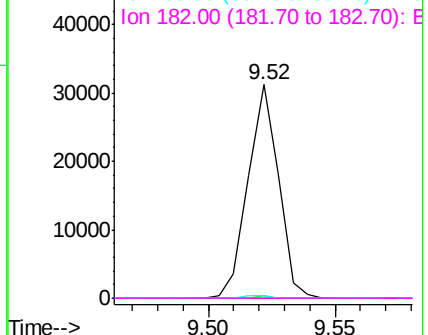
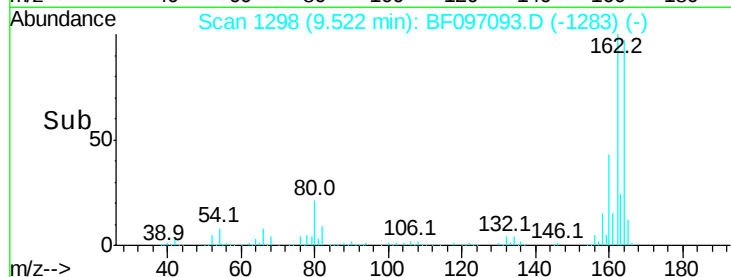
#56
 2,4-Dinitrotoluene
 Concen: 6.813 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097093.D
 Acq: 26 Jul 2017 23:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 26159
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#

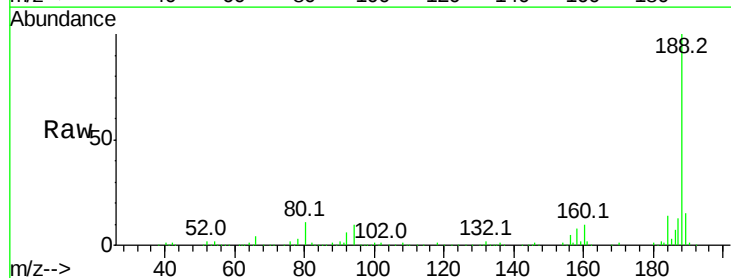


Abundance Ion 165.00 (164.70 to 165.70): E

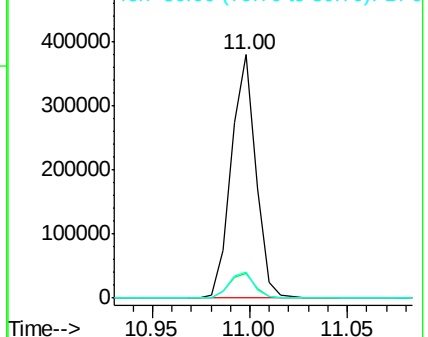
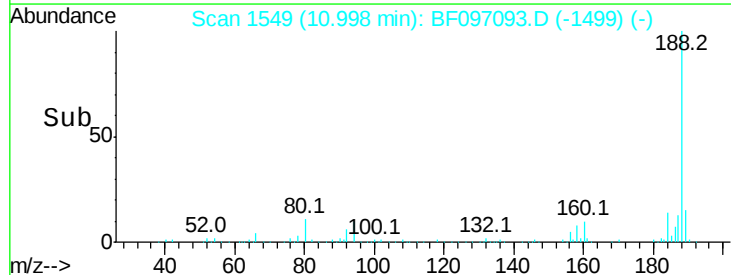


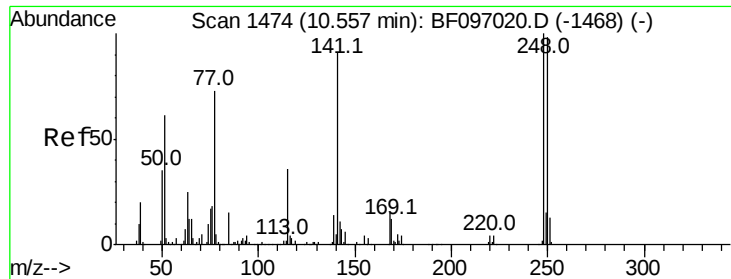
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097093.D
 Acq: 26 Jul 2017 23:33

Tgt Ion:188 Resp: 331051
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

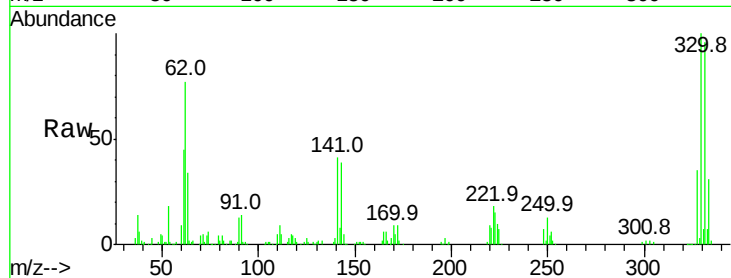




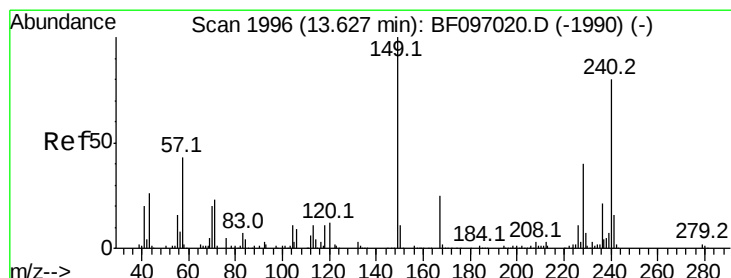
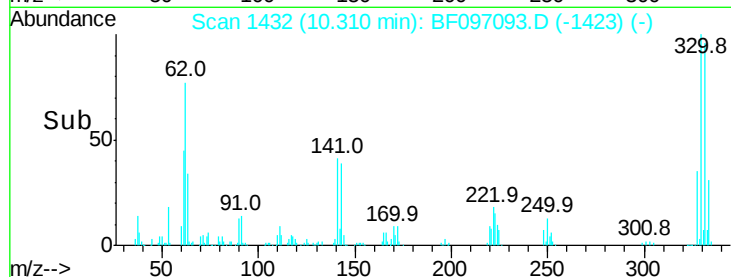
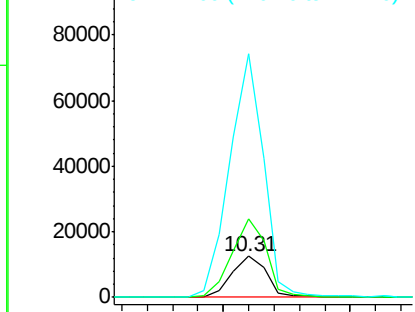
#66
4-Bromophenyl-phenylether
Concen: 3.565 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11779
Ion Ratio Lower Upper
248 100
250 190.7 76.8 115.2#
141 595.1 68.6 103.0#

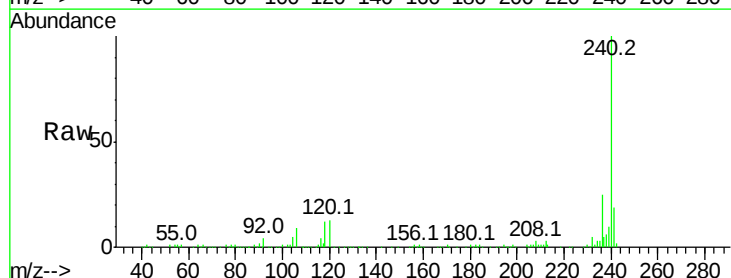


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

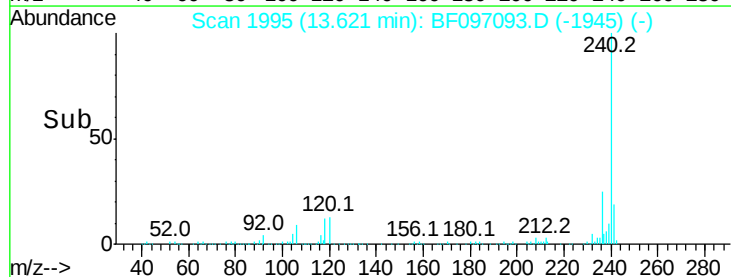
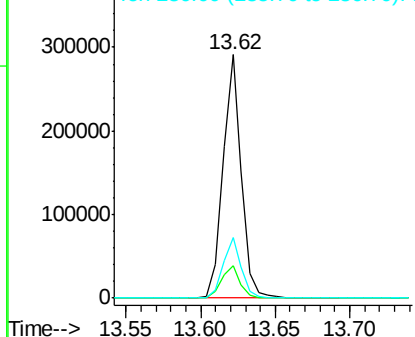


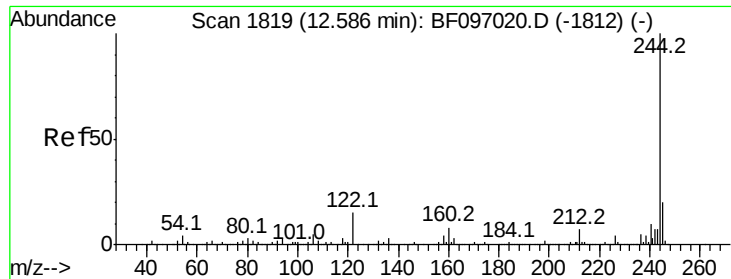
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097093.D
Acq: 26 Jul 2017 23:33

Tgt Ion:240 Resp: 250934
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 24.8 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: 55.678 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

Instrument :

BNA_F

ClientSampleId :

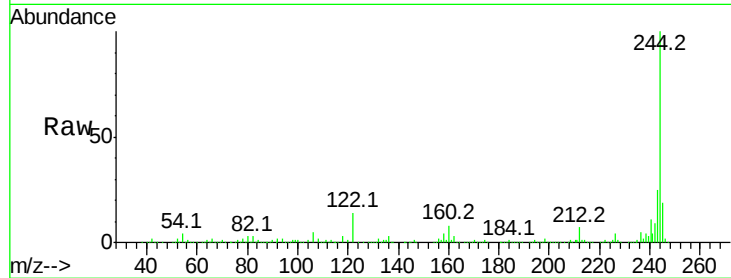
Tot Ion:244 Resp: 685266

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

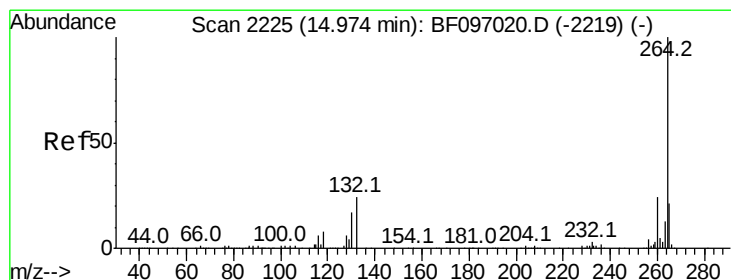
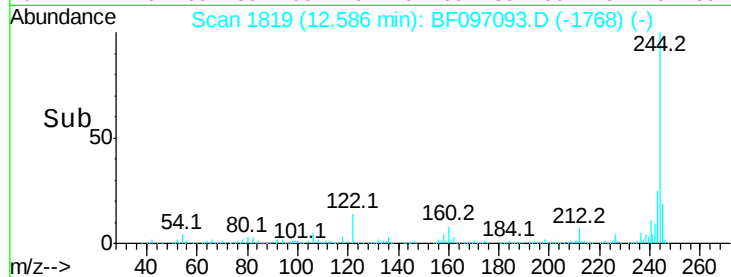
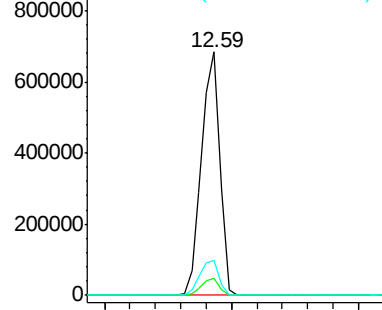
122 14.4 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097093.D

Acq: 26 Jul 2017 23:33

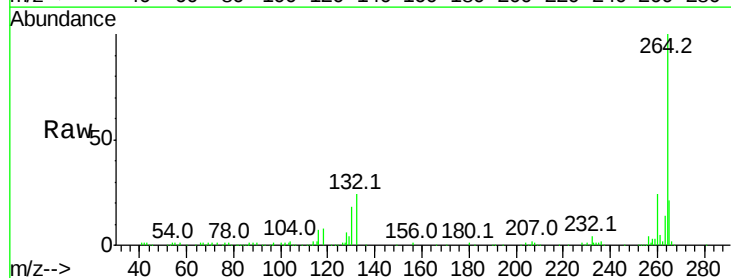
Tgt Ion:264 Resp: 179461

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.4 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

