

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097470.D
 Acq On : 8 Aug 2017 15:35
 Operator : SJ/JU
 Sample : I4610-09RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 16:59:50 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

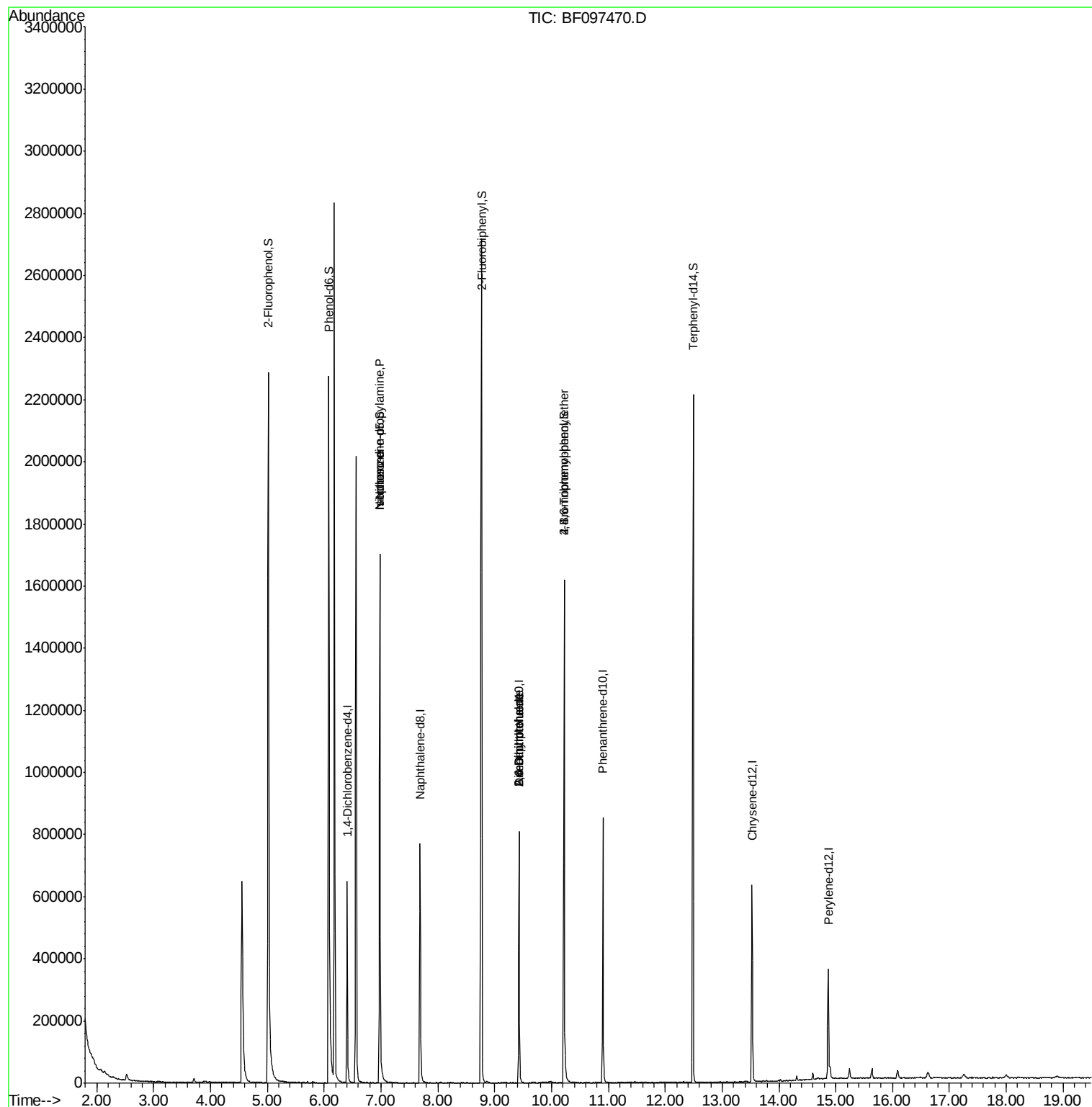
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	95954	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	380097	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	168175	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	308517	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	225479	20.00	ng	-0.01
86) Perylene-d12	14.87	264	162282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	798545	125.46	ng	0.01
7) Phenol-d6	6.08	99	916704	126.15	ng	0.00
23) Nitrobenzene-d5	6.98	82	628170	96.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	203315	153.01	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1043920	105.34	ng	0.00
78) Terphenyl-d14	12.49	244	778253	70.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	84443	17.655	ng	# 88
25) Isophorone	6.98	82	628166	49.506	ng	# 67
49) Dimethylphthalate	9.43	163	50165	3.928	ng	# 1
50) 2,6-Dinitrotoluene	9.43	165	20988	7.749	ng	# 33
56) 2,4-Dinitrotoluene	9.43	165	20988	6.740	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	12504	4.061	ng	# 1

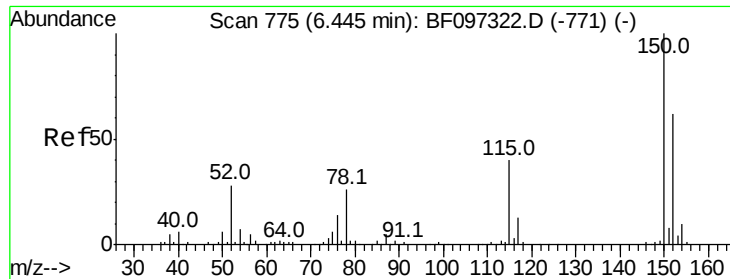
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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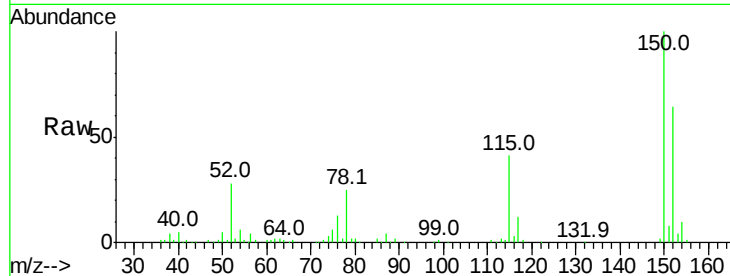


#1

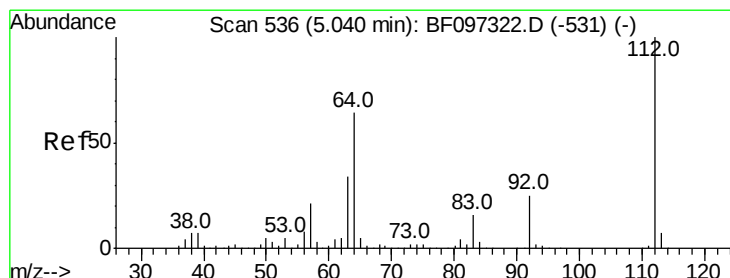
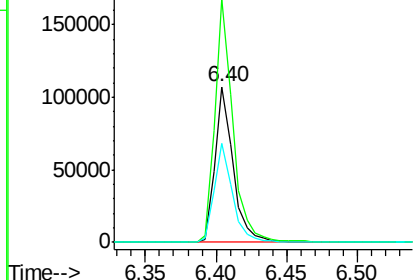
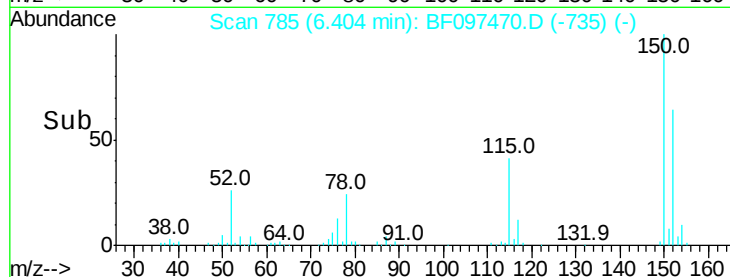
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097470.D
Acq: 8 Aug 2017 15:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 95954
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 63.7 52.2 78.2



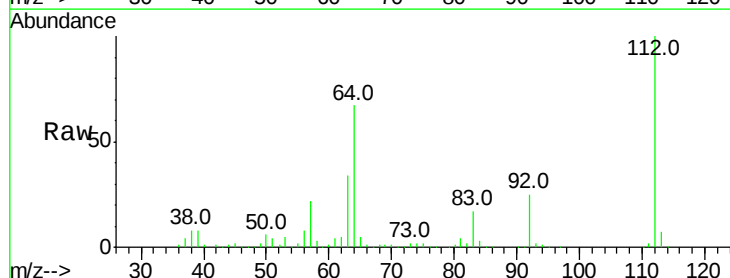
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



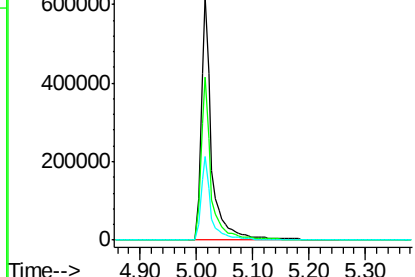
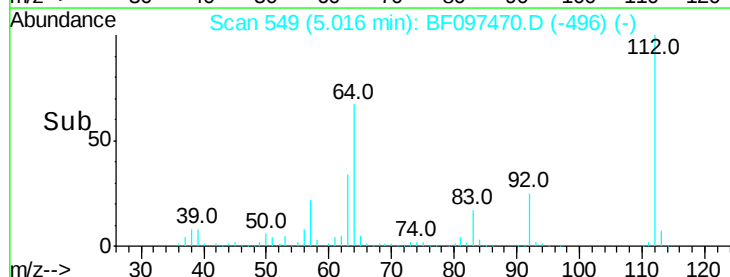
#5

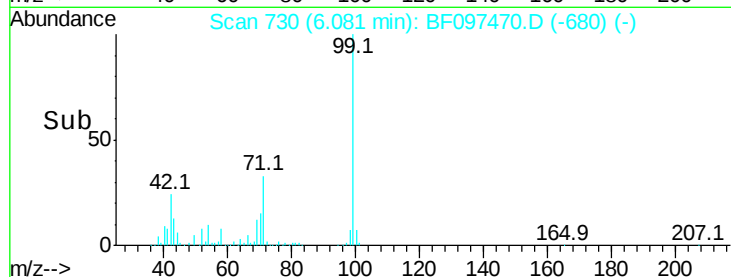
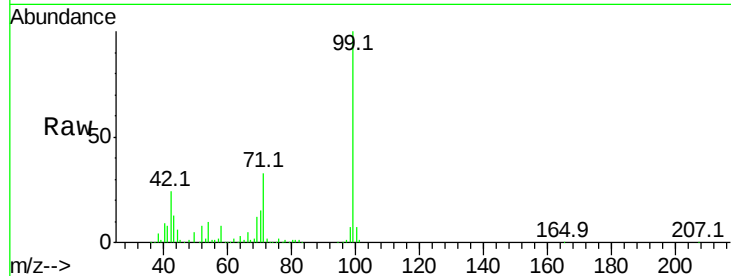
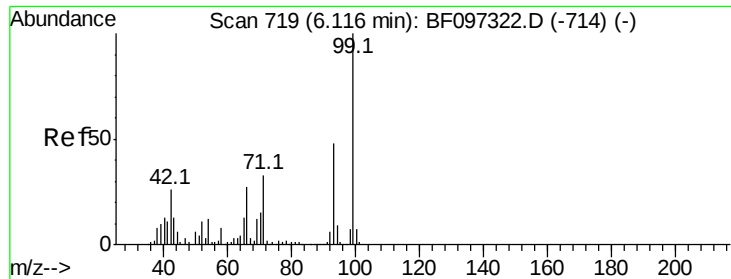
2-Fluorophenol
Concen: 125.456 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097470.D
Acq: 8 Aug 2017 15:35

Tgt Ion:112 Resp: 798545
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.4 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: 126.153 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Instrument :

BNA_F

ClientSampled :

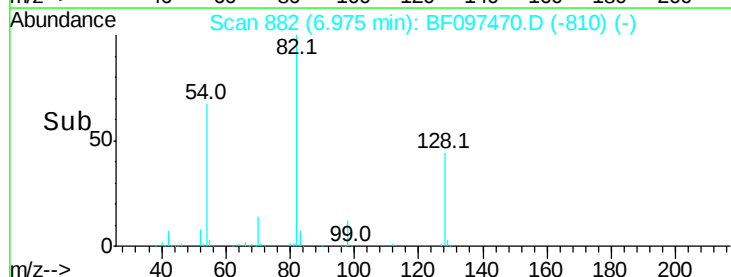
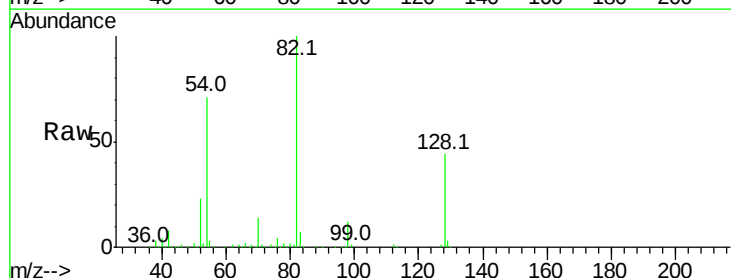
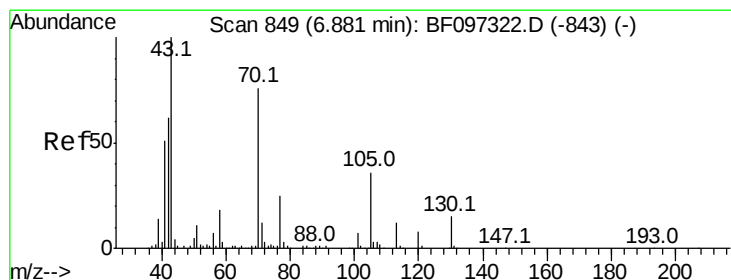
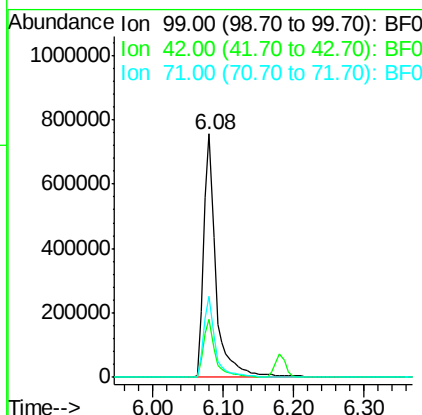
Tot Ion: 99 Resp: 916704

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

71 33.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.655 ng

RT: 6.97 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Tgt Ion: 70 Resp: 84443

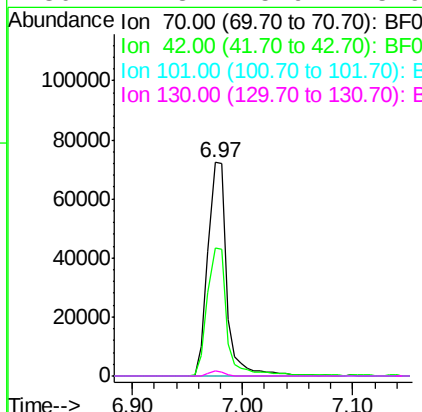
Ion Ratio Lower Upper

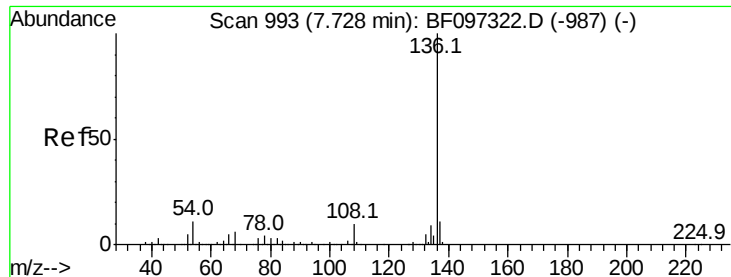
70 100

42 59.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

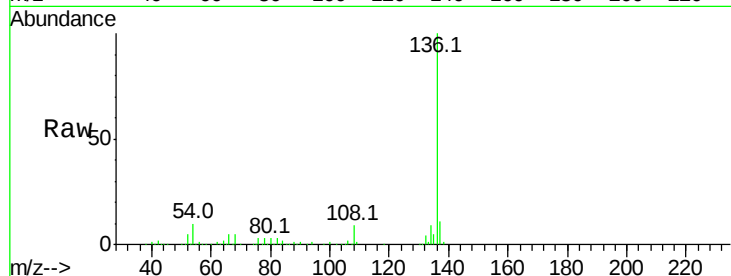
Delta R.T. -0.01 min

Lab File: BF097470.D

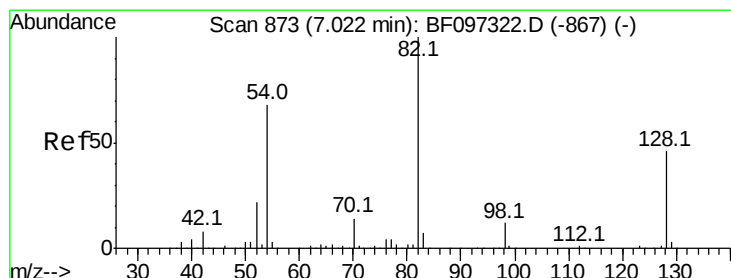
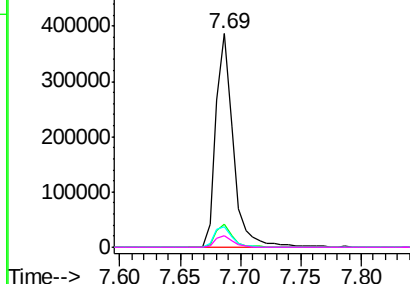
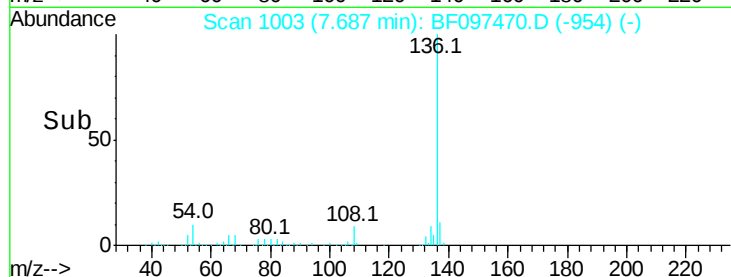
Acq: 8 Aug 2017 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	380097
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.7	4.9	7.3#
68	5.2	4.1	6.1



Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 96.951 ng

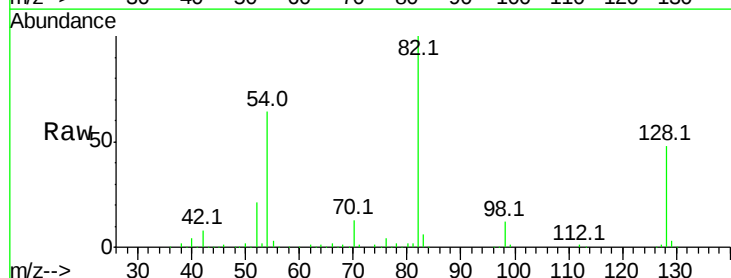
RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

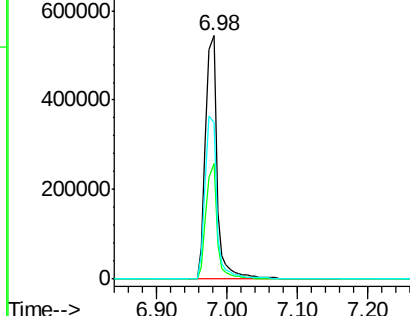
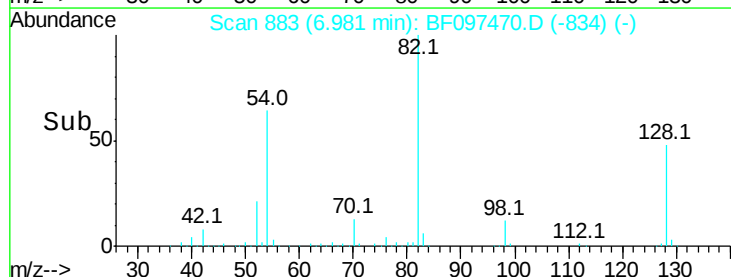
Lab File: BF097470.D

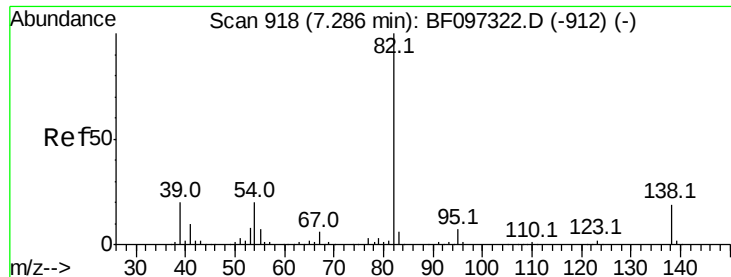
Acq: 8 Aug 2017 15:35

Tgt Ion:	82	Resp:	628170
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	64.3	42.2	63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.506 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Instrument :

BNA_F

ClientSampleId :

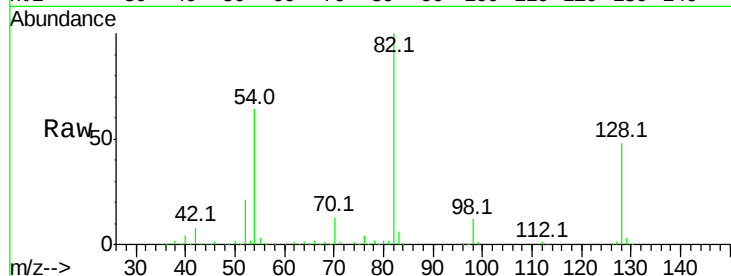
Tot Ion: 82 Resp: 628166

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

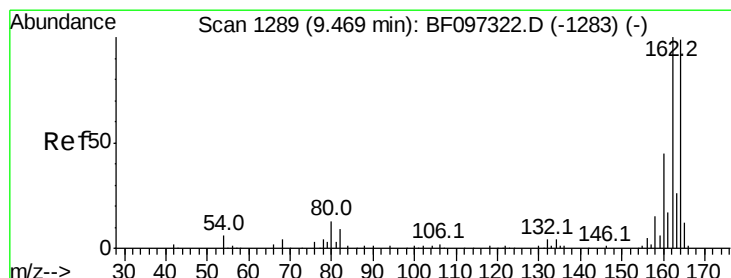
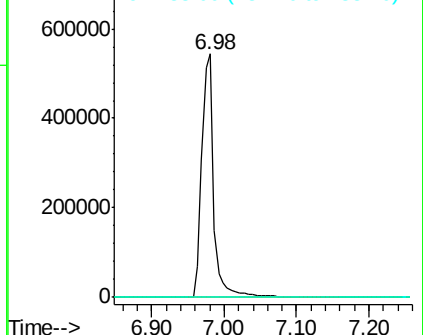
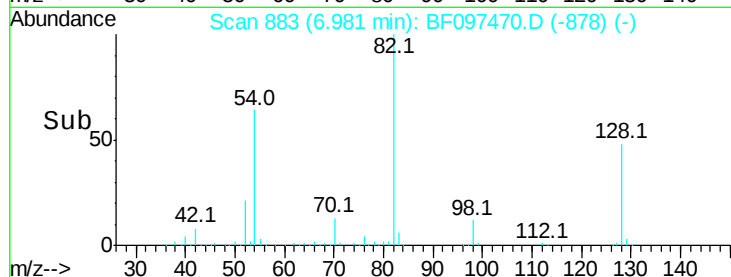
138 0.0 13.1 19.7#



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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

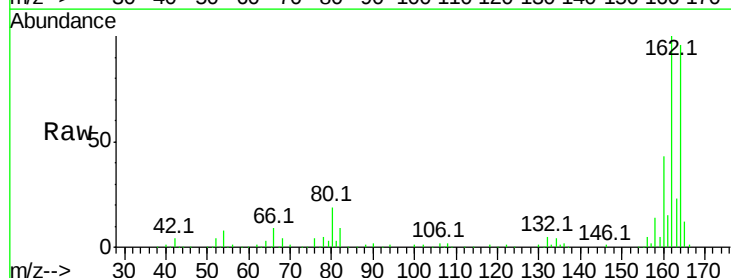
Tgt Ion:164 Resp: 168175

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

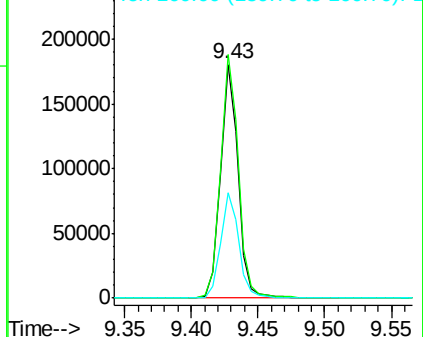
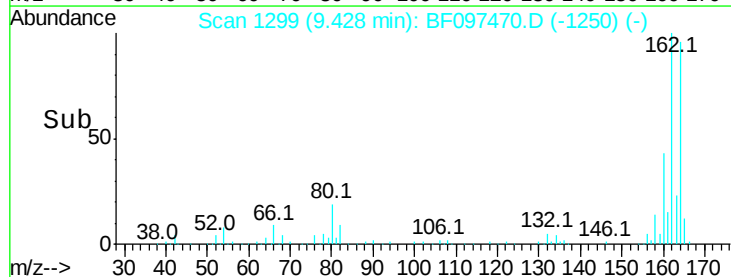
160 45.1 36.2 54.2

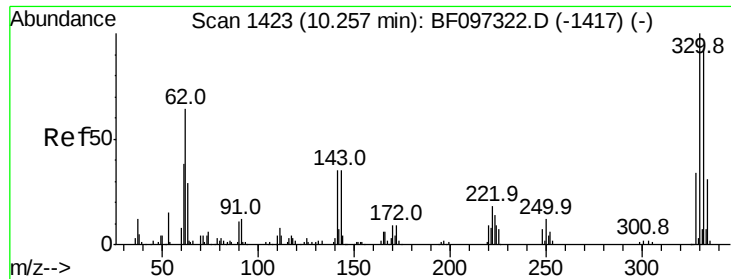


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

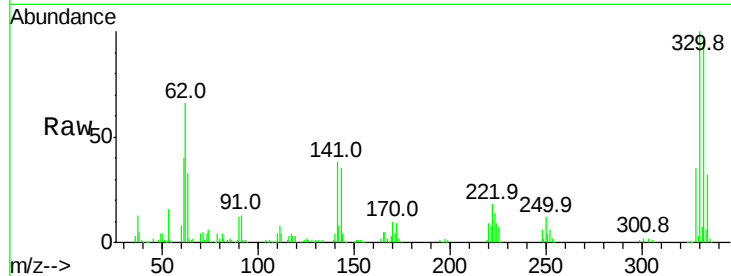




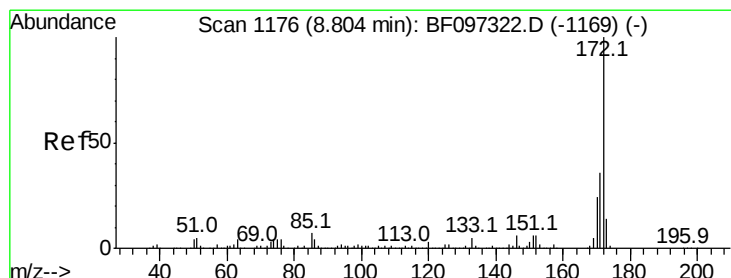
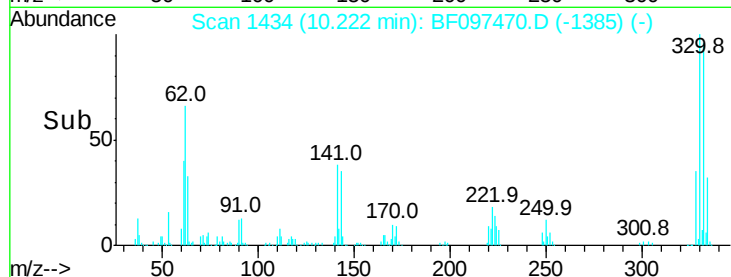
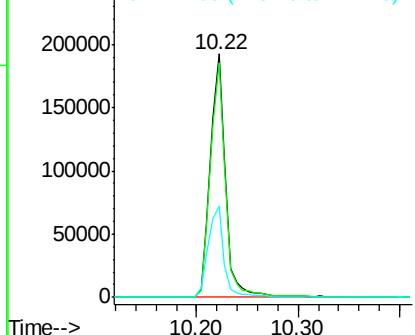
#41
 2,4,6-Tribromophenol
 Concen: 153.013 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	38.6	31.4	47.2

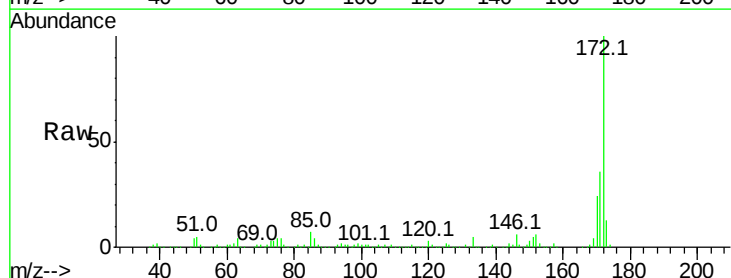


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

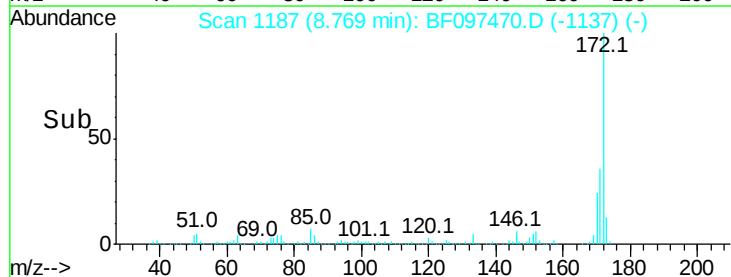
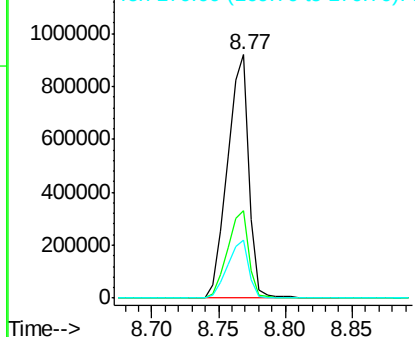


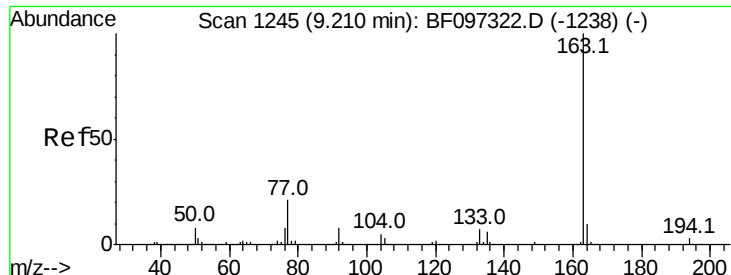
#44
 2-Fluorobiphenyl
 Concen: 105.345 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

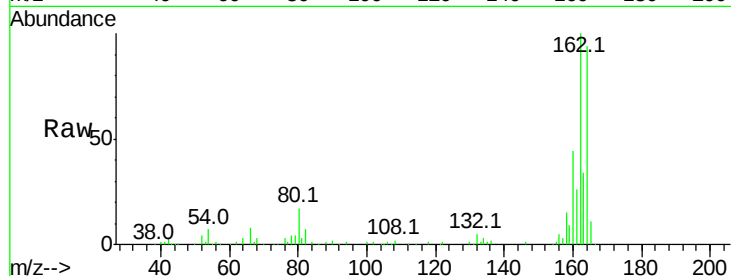




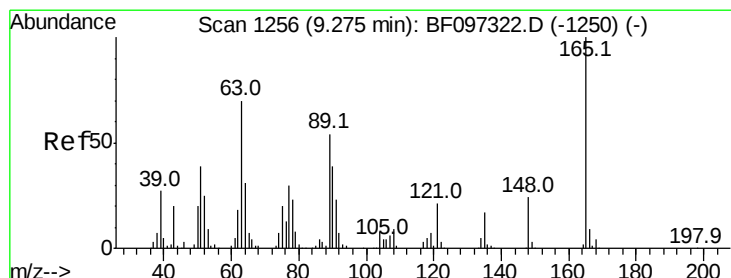
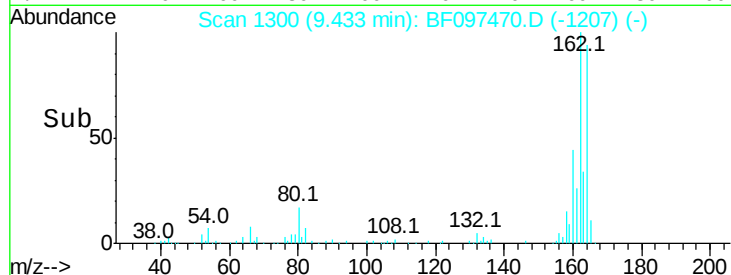
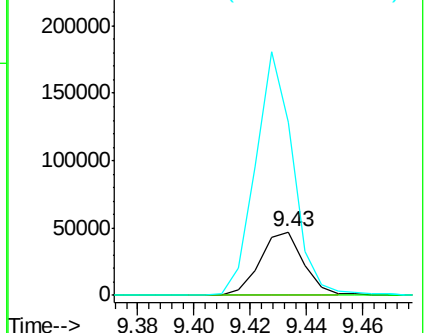
#49
Dimethylphthalate
Concen: 3.928 ng
RT: 9.43 min Scan# 1300
Delta R.T. 0.25 min
Lab File: BF097470.D
Acq: 8 Aug 2017 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	273.8	8.4	12.6#

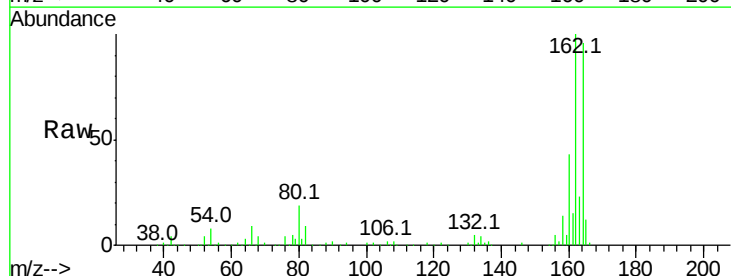


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

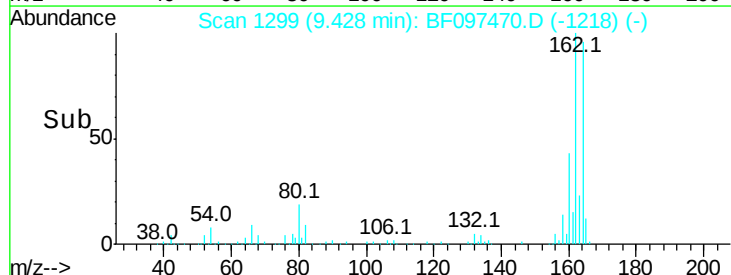
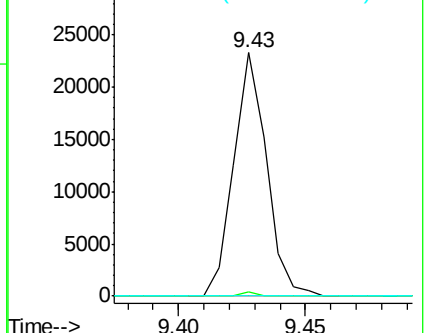


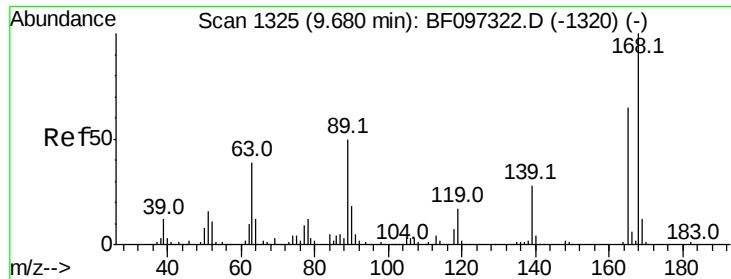
#50
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 9.43 min Scan# 1299
Delta R.T. 0.18 min
Lab File: BF097470.D
Acq: 8 Aug 2017 15:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	0.0	37.1	55.7#



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

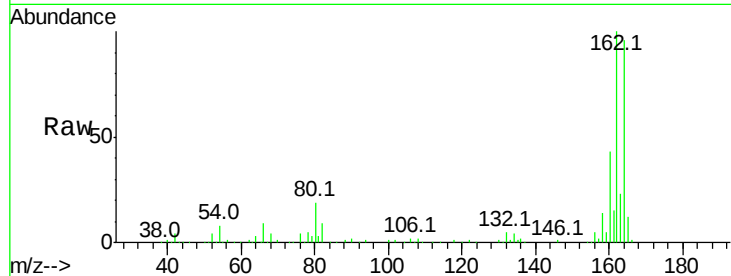




#56
 2,4-Dinitrotoluene
 Concen: 6.740 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

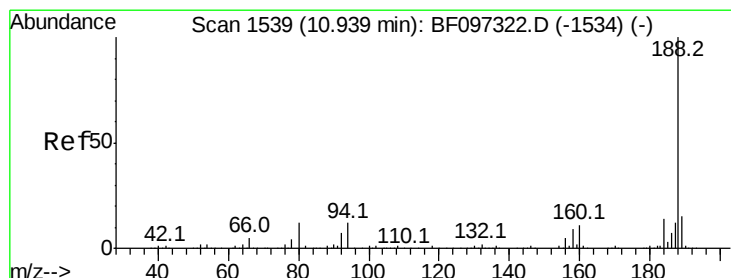
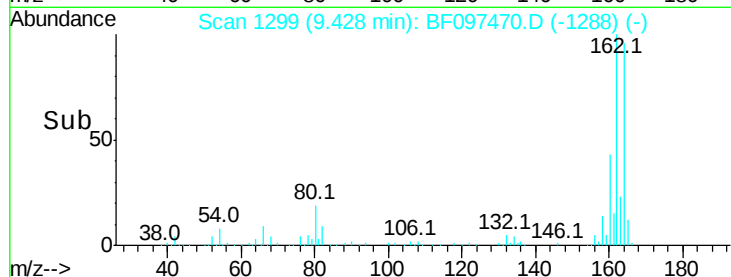
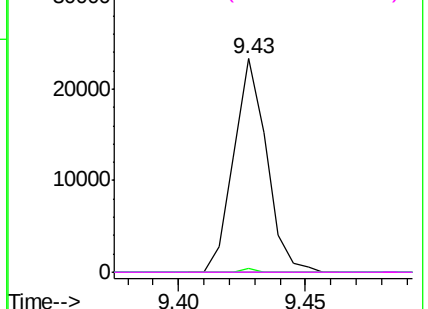


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

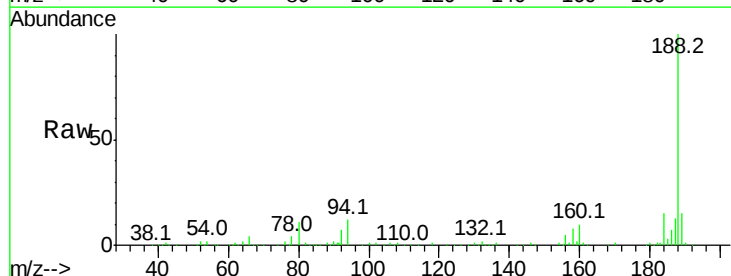
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

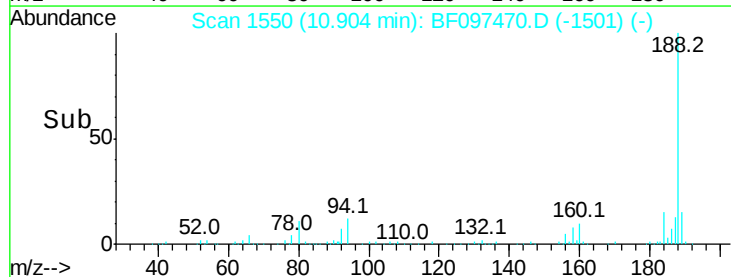
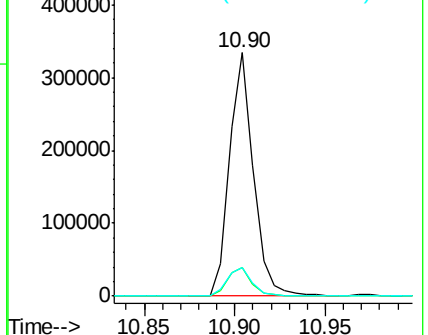
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.5	10.2	15.2

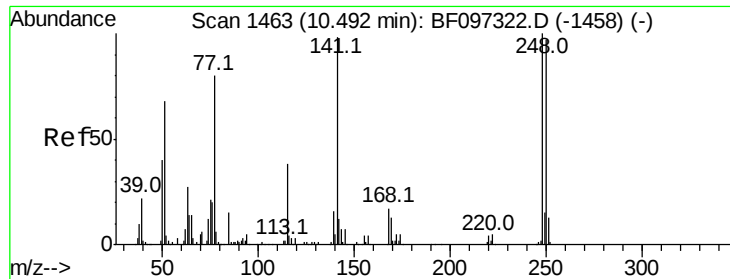


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

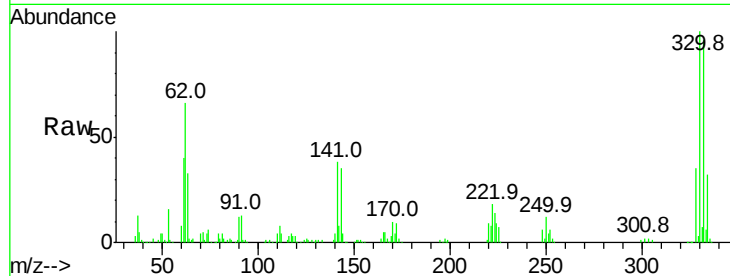




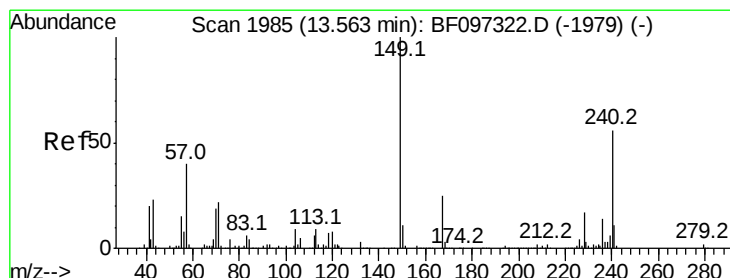
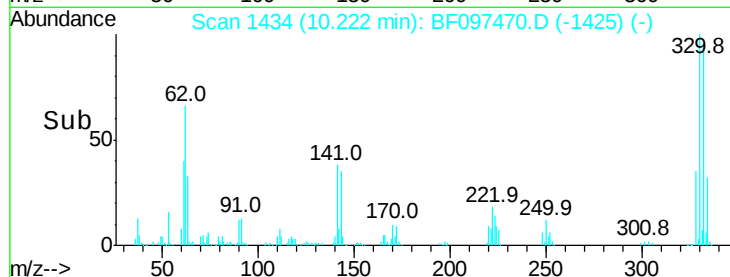
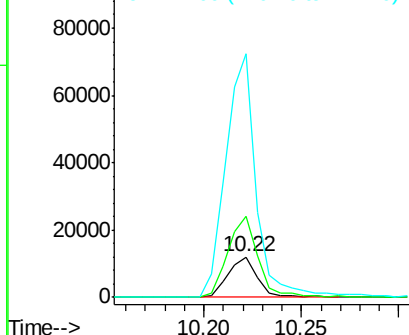
#66
 4-Bromophenyl-phenylether
 Concen: 4.061 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12504
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.8 115.2#
 141 600.6 68.6 103.0#

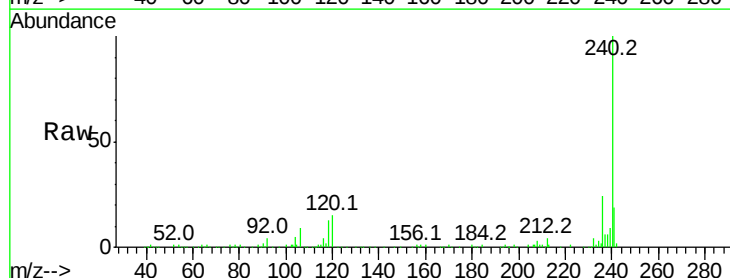


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

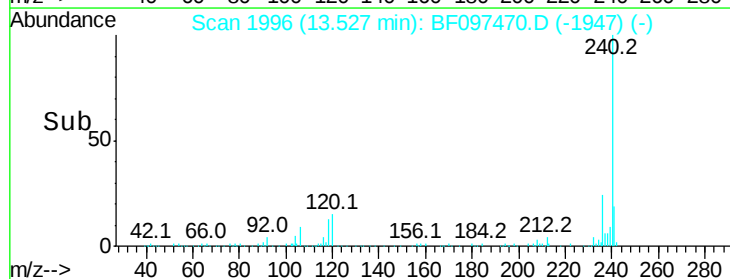
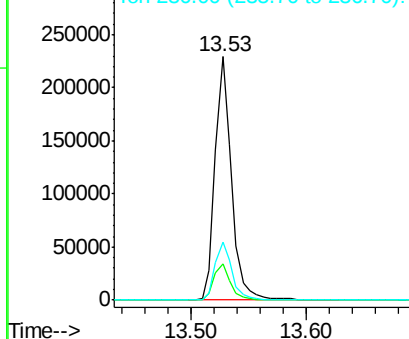


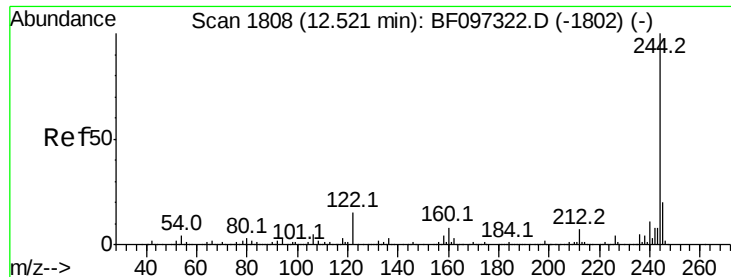
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Tgt Ion:240 Resp: 225479
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 24.1 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

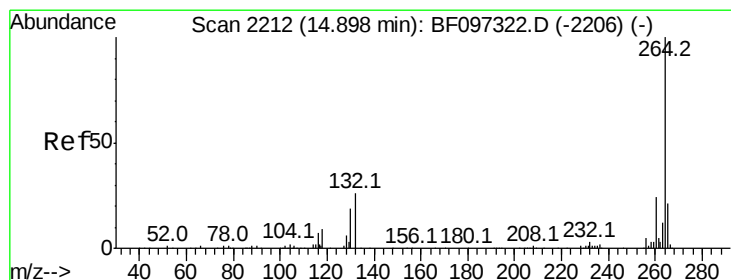
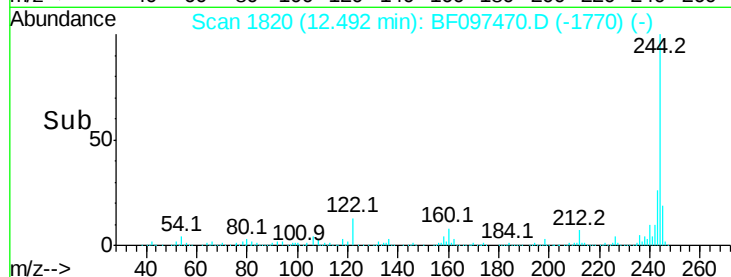
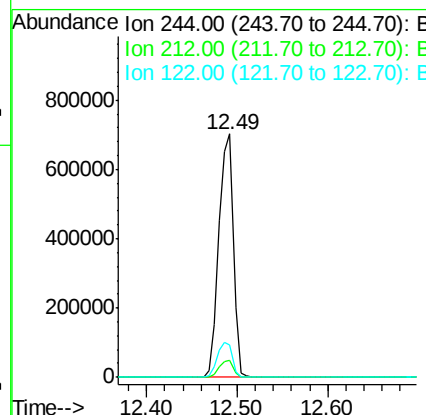
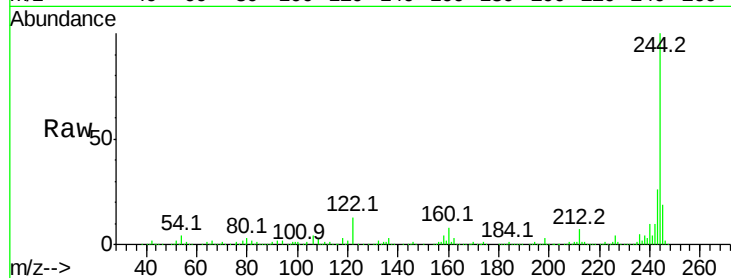




#78
 Terphenyl-d14
 Concen: 70.372 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 778253
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Tgt Ion:264 Resp: 162282
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 17.2 25.8

