

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097436.D
 Acq On : 7 Aug 2017 18:30
 Operator : SJ/JU
 Sample : I4623-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

Quant Time: Aug 08 04:47:36 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

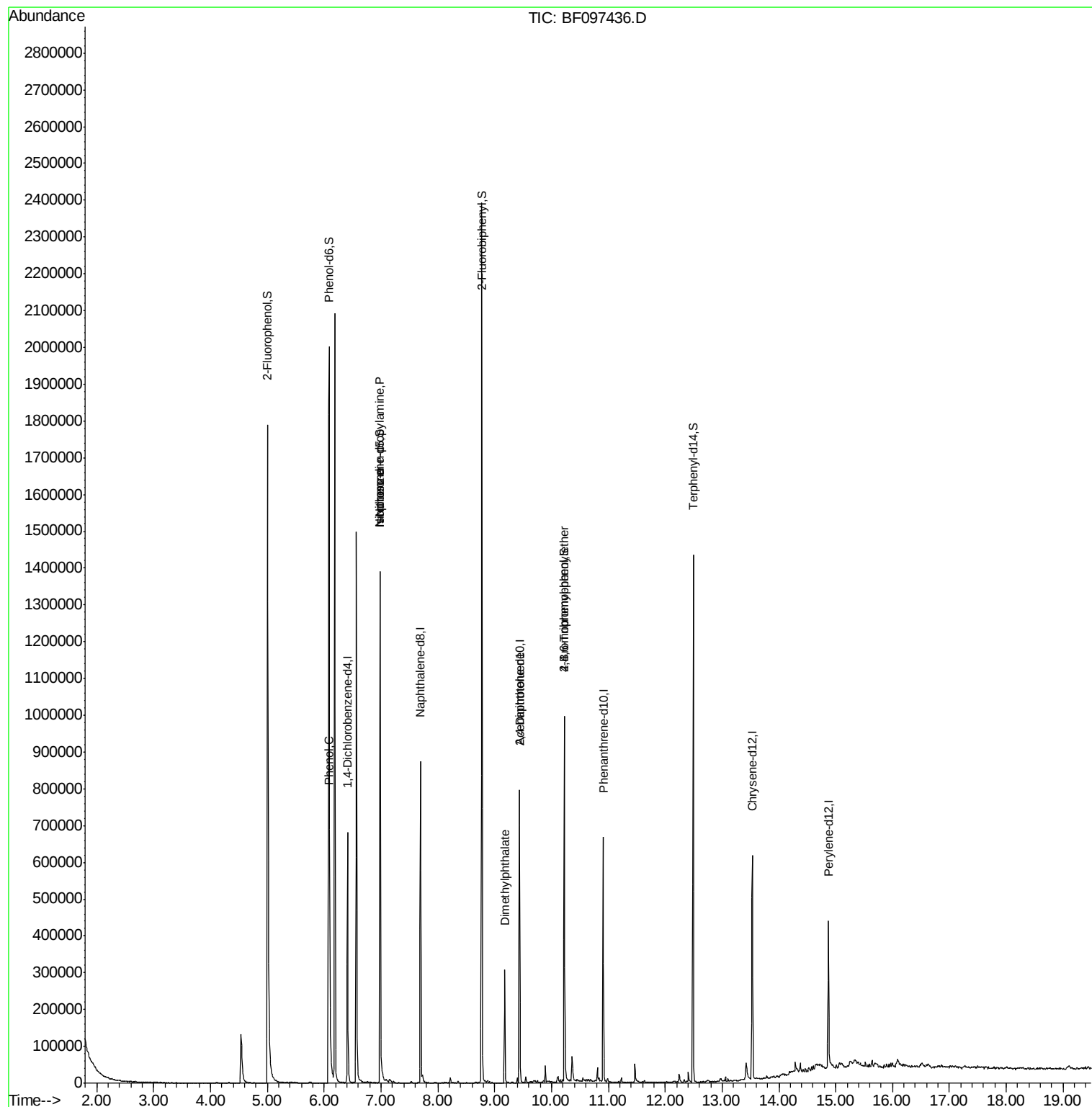
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	96720	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	389126	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	157127	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	225714	20.00	ng	0.00
75) Chrysene-d12	13.53	240	203947	20.00	ng	0.00
86) Perylene-d12	14.87	264	151739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	611875	95.37	ng	0.00
7) Phenol-d6	6.09	99	742951	101.43	ng	0.00
23) Nitrobenzene-d5	6.98	82	470658	70.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	112663	90.75	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	746596	80.64	ng	0.00
78) Terphenyl-d14	12.49	244	436166	43.60	ng	0.00
Target Compounds						
10) Phenol	6.10	94	29563	3.40	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	6.98	70	62496	12.96	ng	# 82
25) Isophorone	6.98	82	470653	36.23	ng	# 67
49) Dimethylphthalate	9.17	163	114791	9.62	ng	100
56) 2,4-Dinitrotoluene	9.43	165	20247	6.96	ng	# 34
66) 4-Bromophenyl-phenylether	10.22	248	6902	3.06	ng	# 1

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

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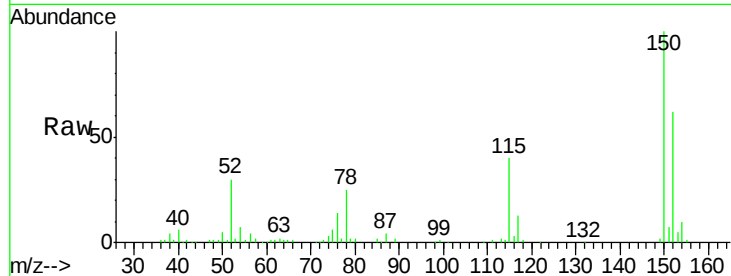


#1

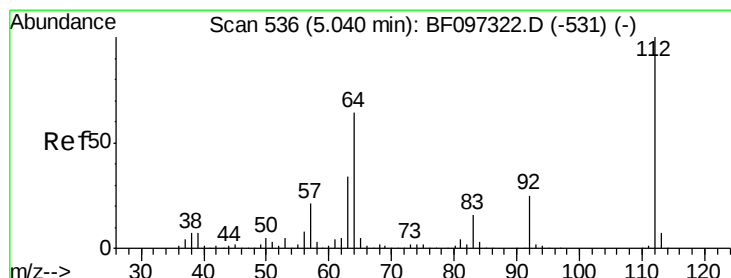
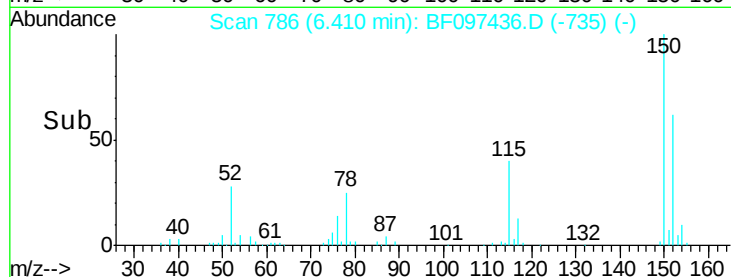
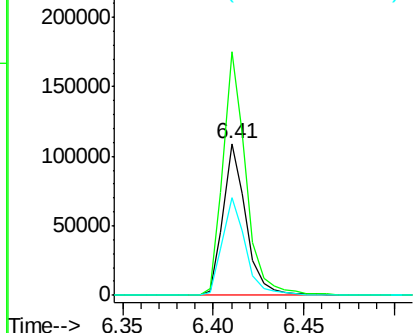
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

Tot Ion:152 Resp: 96720
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.2 189.2
 115 64.8 52.2 78.2



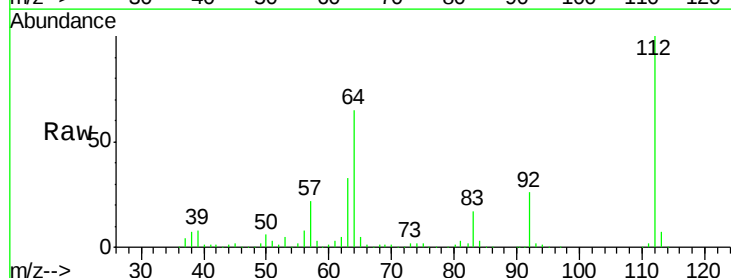
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



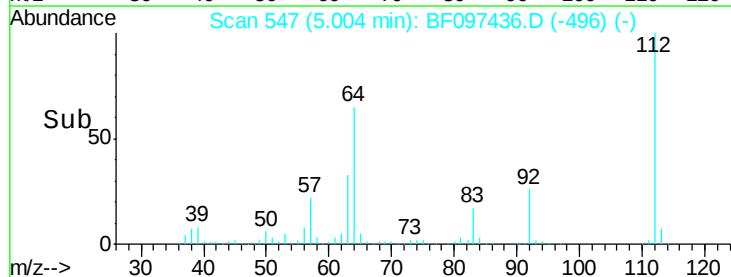
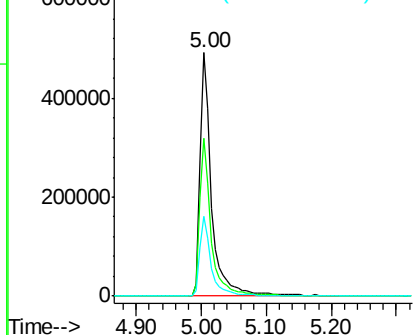
#5

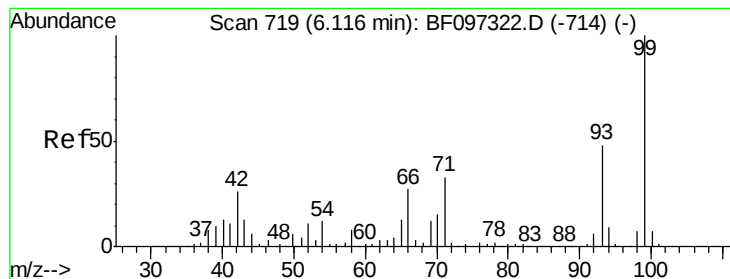
2-Fluorophenol
 Concen: 95.37 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Tgt Ion:112 Resp: 611875
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.0 69.0
 63 33.0 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: 101.43 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097436.D

Acq: 7 Aug 2017 18:30

Instrument :

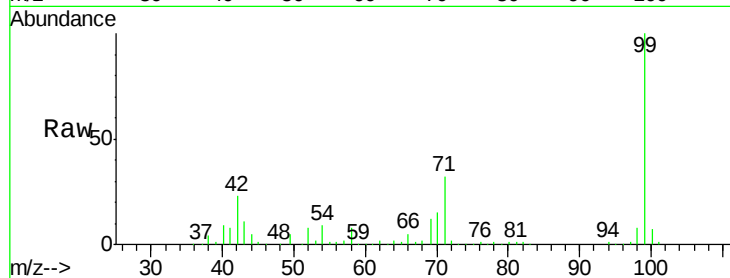
BNA_F

ClientSampleId :

TEC-BC

Tot Ion: 99 Resp: 742951

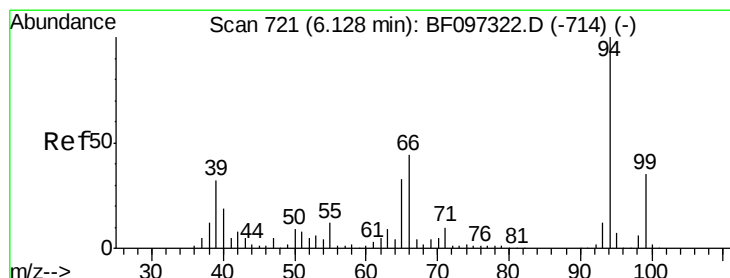
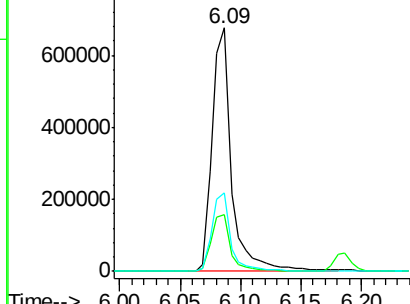
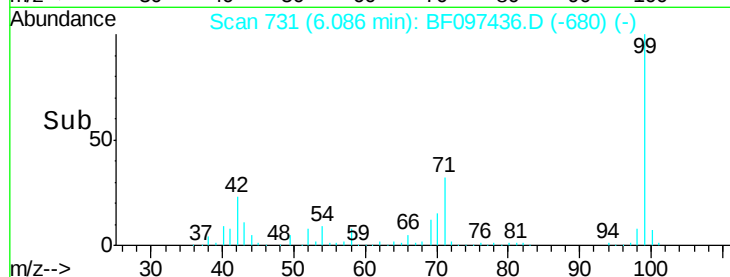
Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.0	24.5	36.7



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: 3.40 ng

RT: 6.10 min Scan# 733

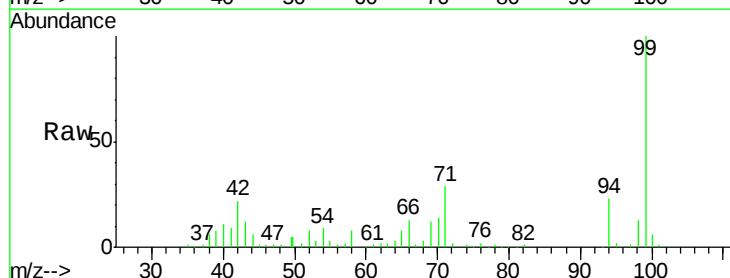
Delta R.T. 0.00 min

Lab File: BF097436.D

Acq: 7 Aug 2017 18:30

Tgt Ion: 94 Resp: 29563

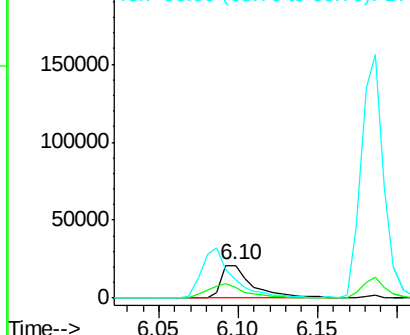
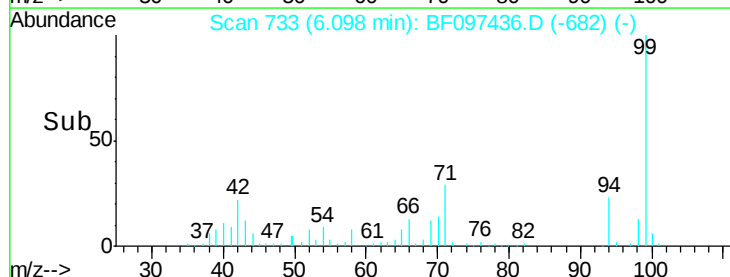
Ion	Ratio	Lower	Upper
94	100		
65	34.0	9.9	49.9
66	57.1	23.1	63.1

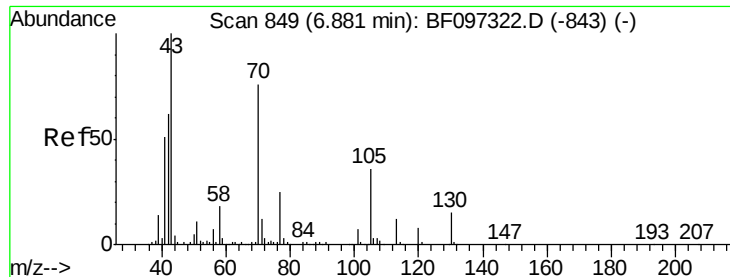


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

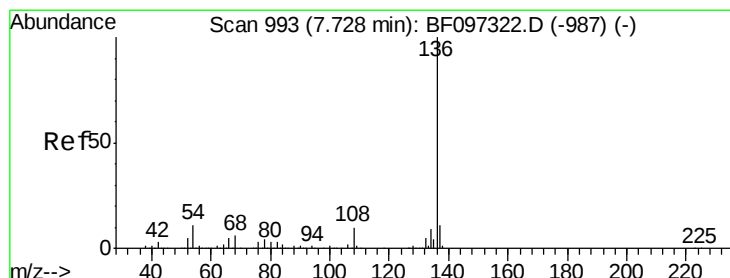
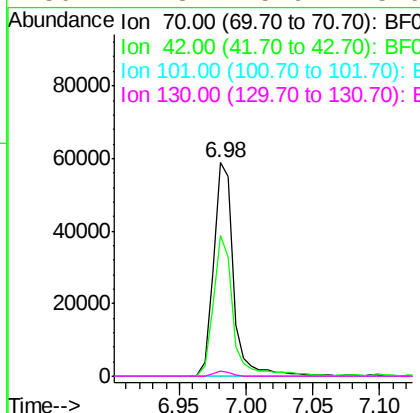
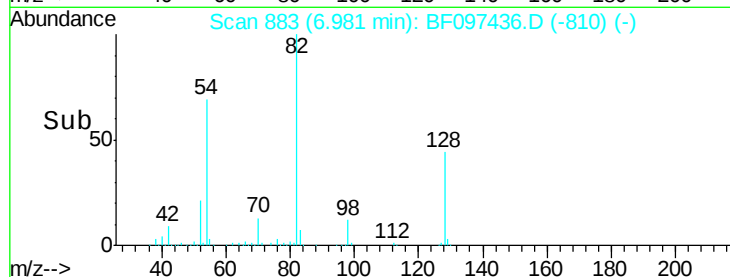
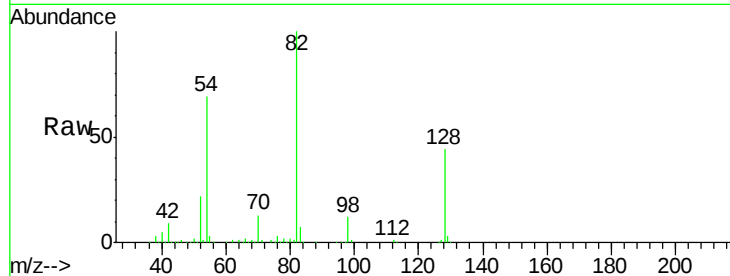




#19
n-Nitroso-di-n-propylamine
Concen: 12.96 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097436.D
Acq: 7 Aug 2017 18:30

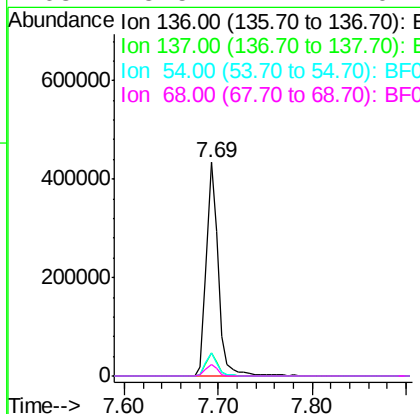
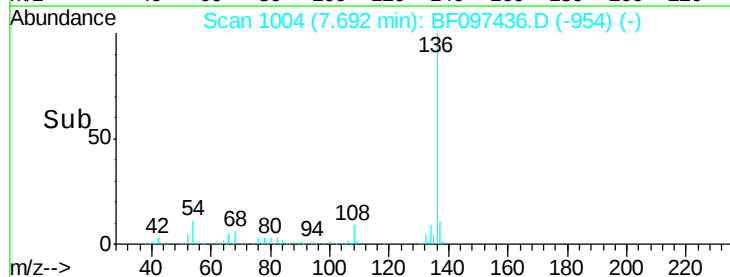
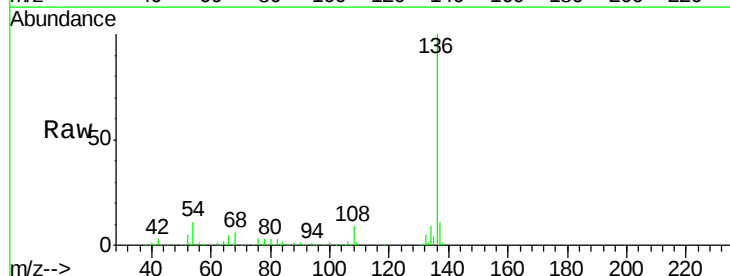
Instrument :
BNA_F
ClientSampleId :
TEC-BC

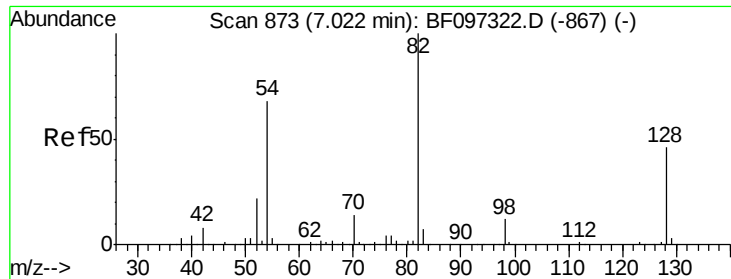
Tot Ion: 70 Resp: 62496
Ion Ratio Lower Upper
70 100
42 66.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097436.D
Acq: 7 Aug 2017 18:30

Tgt Ion: 136 Resp: 389126
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 4.9 7.3#
68 5.5 4.1 6.1

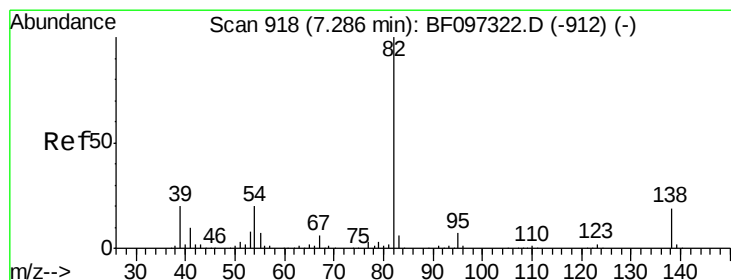
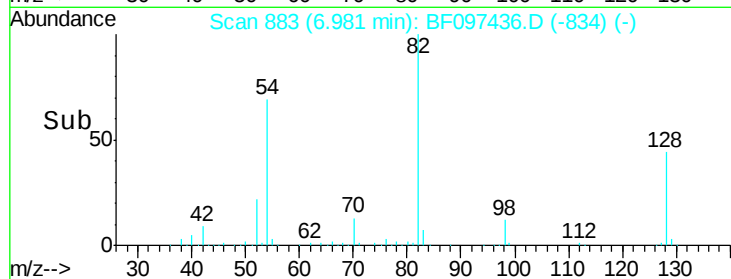
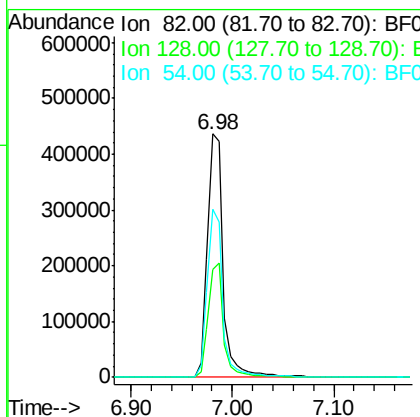
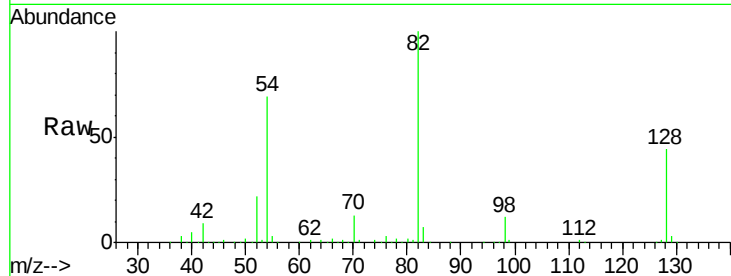




#23
 Nitrobenzene-d5
 Concen: 70.96 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

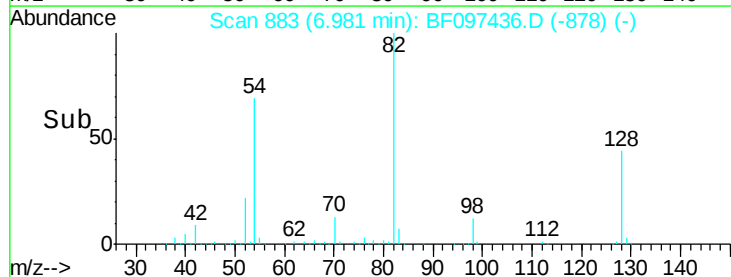
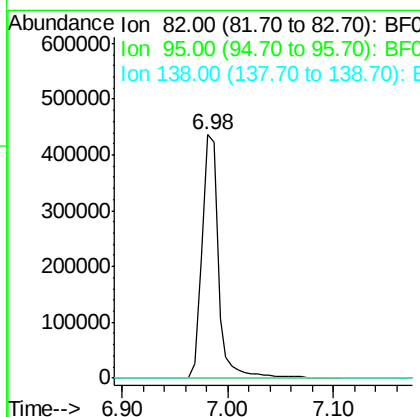
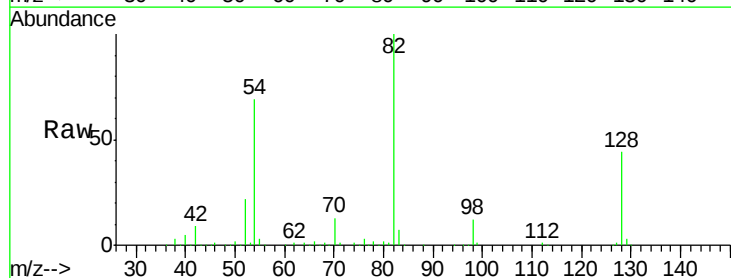
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

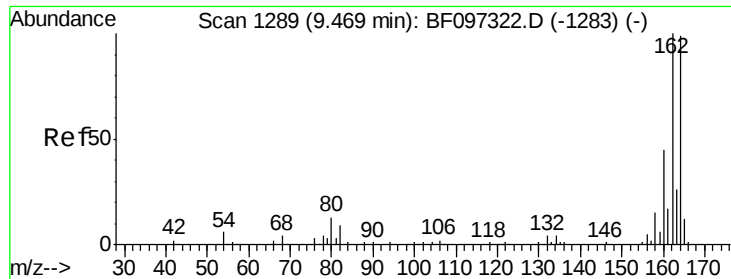
Tot Ion: 82 Resp: 470658
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.0 51.0
 54 69.2 42.2 63.2#



#25
 Isophorone
 Concen: 36.23 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.27 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Tgt Ion: 82 Resp: 470653
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097436.D

Acq: 7 Aug 2017 18:30

Instrument :

BNA_F

ClientSampleId :

TEC-BC

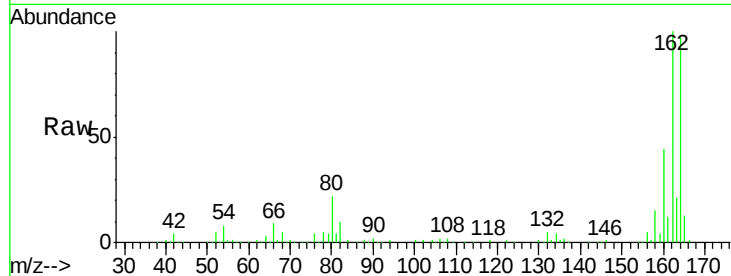
Tot Ion:164 Resp: 157127

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

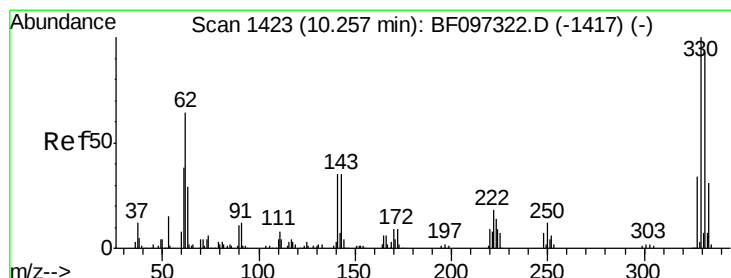
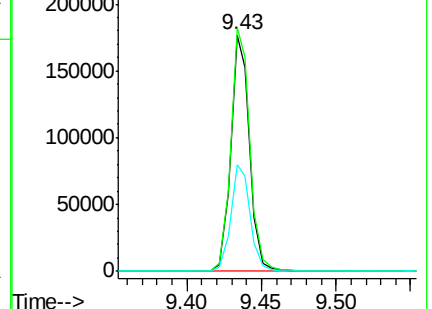
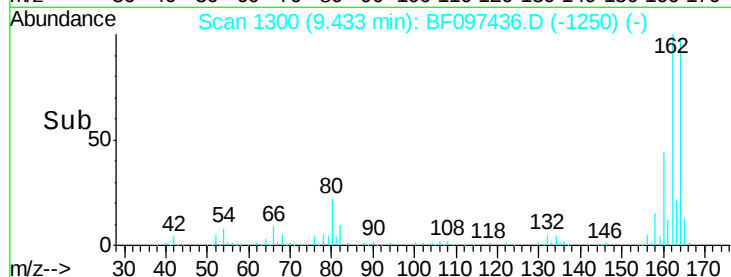
160 45.0 36.2 54.2



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: 90.75 ng

RT: 10.23 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF097436.D

Acq: 7 Aug 2017 18:30

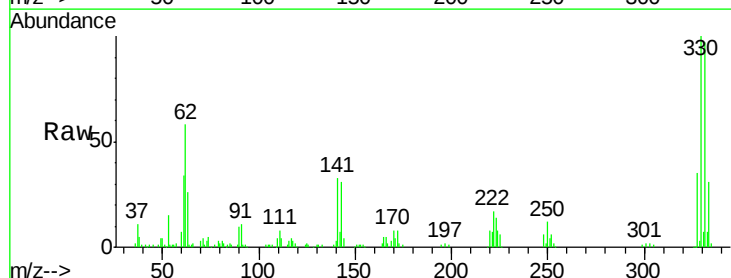
Tgt Ion:330 Resp: 112663

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

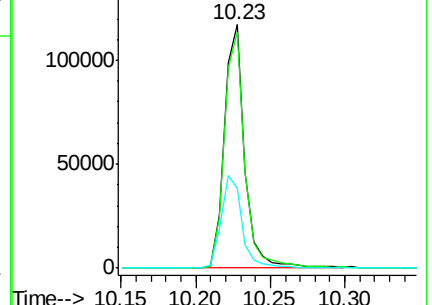
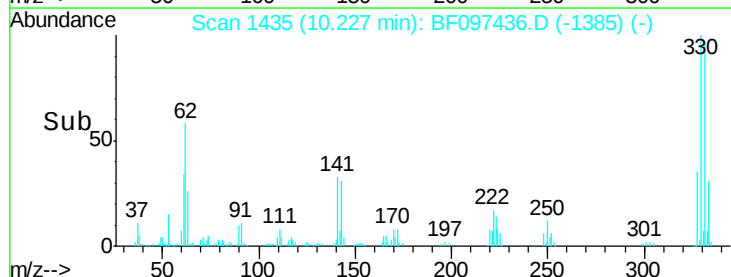
141 39.1 31.4 47.2

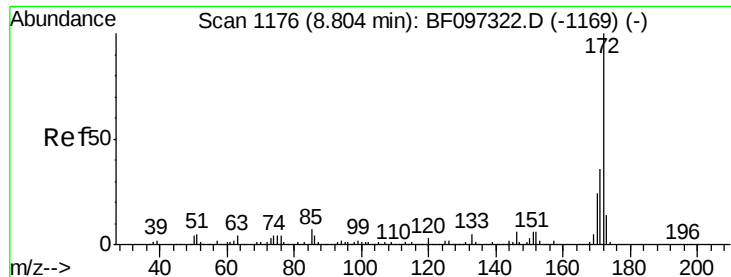


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

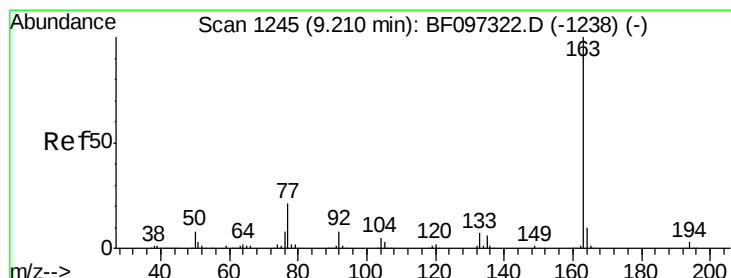
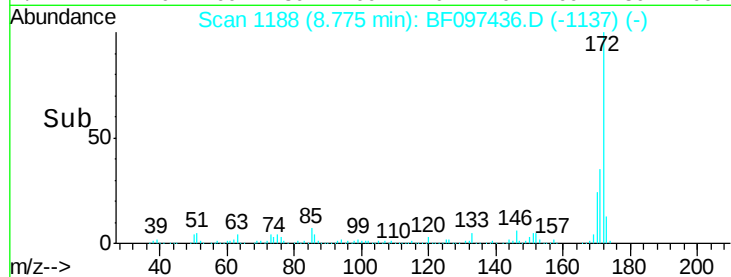
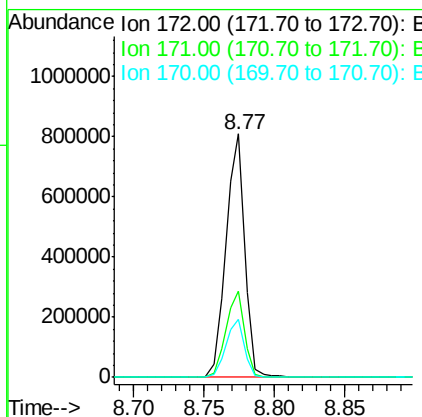
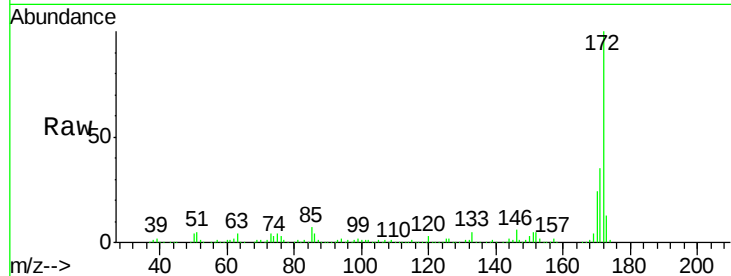




#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

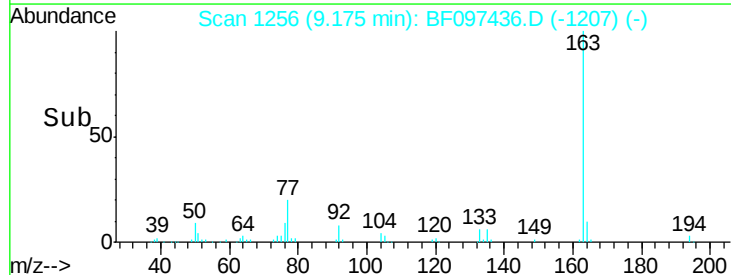
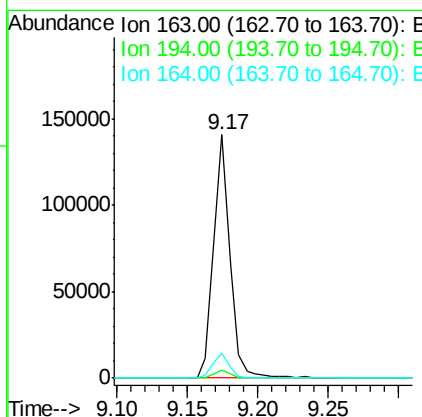
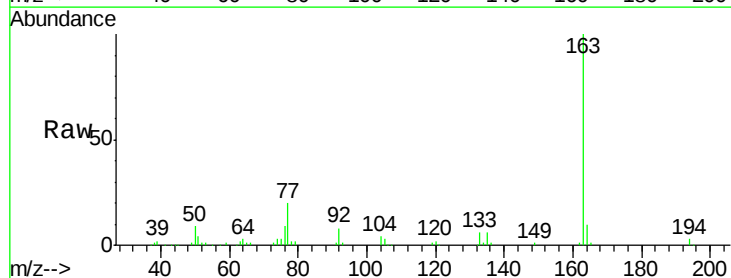
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

Tot Ion:172 Resp: 746596
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 24.0 19.8 29.8



#49
 Dimethylphthalate
 Concen: 9.62 ng
 RT: 9.17 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Tgt Ion:163 Resp: 114791
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.4 8.4 12.6

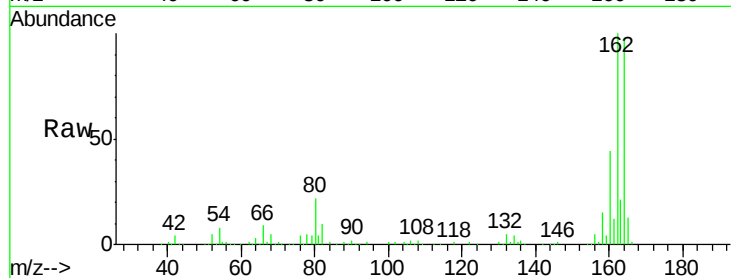




#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

Tot Ion:165	Resp:	20247
Ion Ratio	Lower	Upper
165	100	
63	1.7	25.4 38.0#
89	1.9	46.4 69.6#
182	0.0	1.8 2.6#

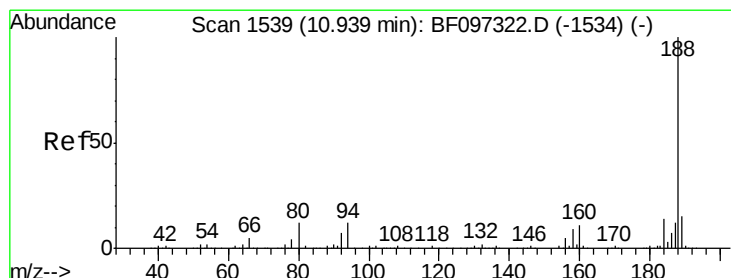
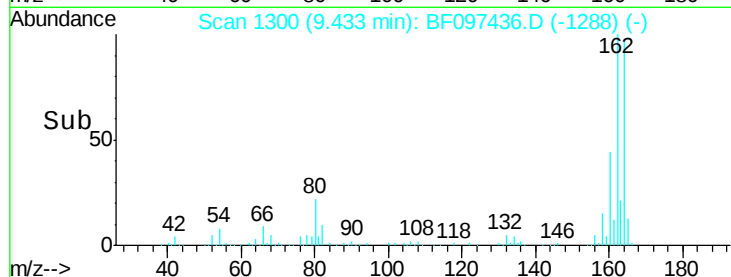
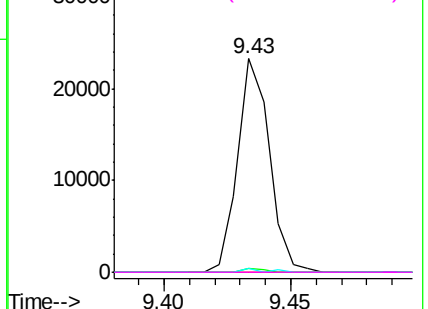


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

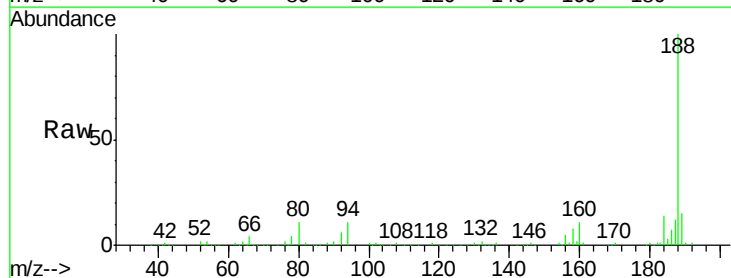
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

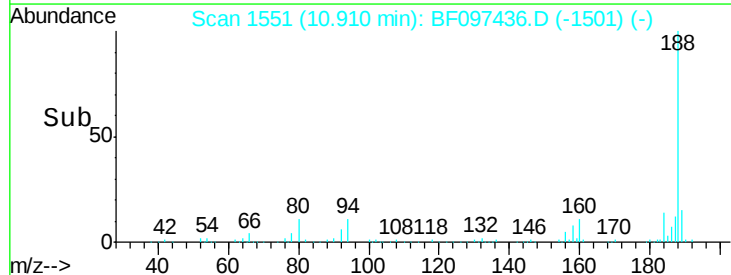
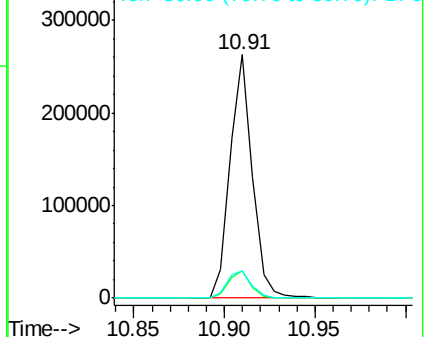
Tgt Ion:188	Resp:	225714
Ion Ratio	Lower	Upper
188	100	
94	11.1	9.4 14.2
80	11.4	10.2 15.2



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

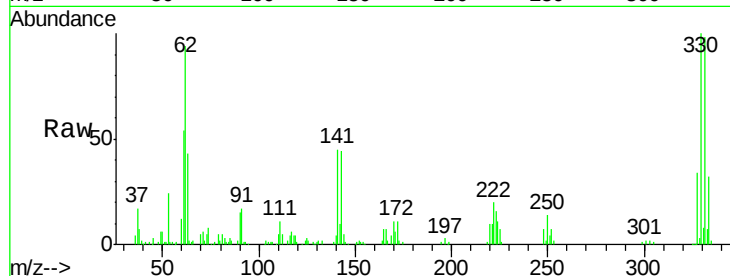




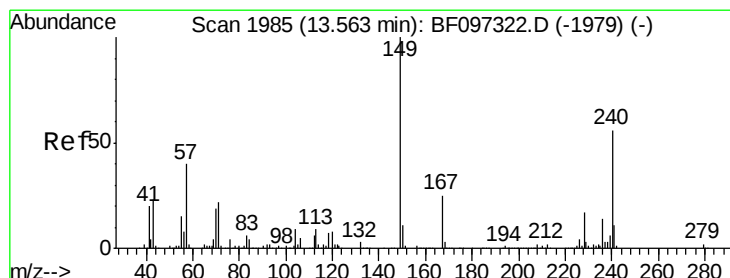
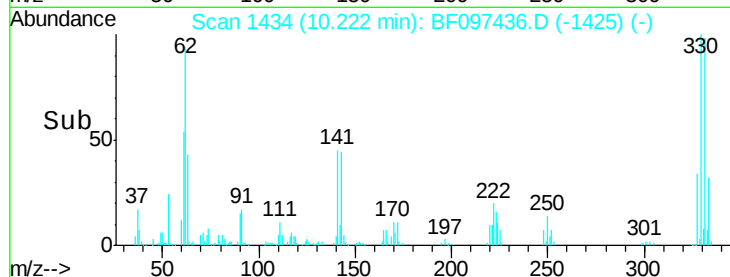
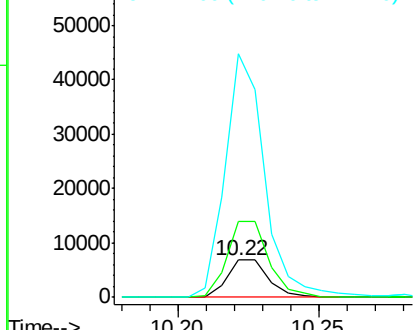
#66
 4-Bromophenyl-phenylether
 Concen: 3.06 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

Tot Ion:248 Resp: 6902
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.8 115.2#
 141 652.6 68.6 103.0#

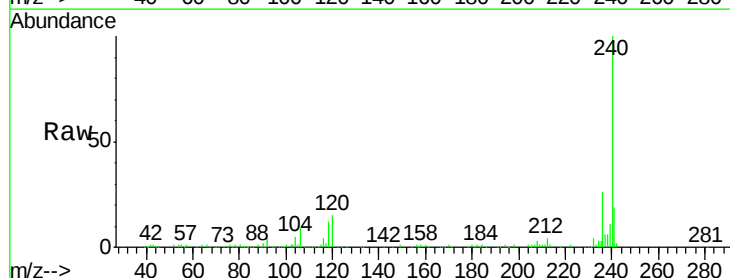


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

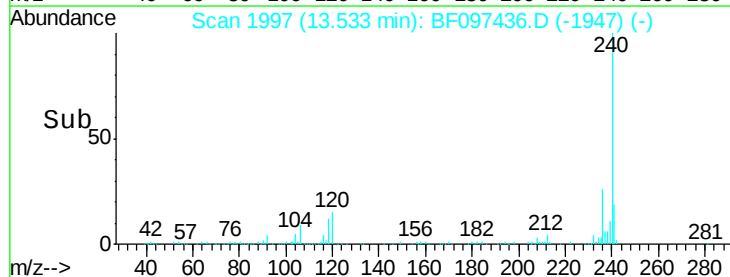
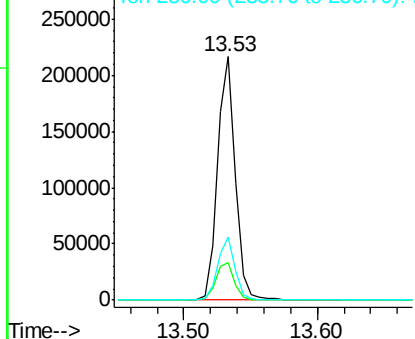


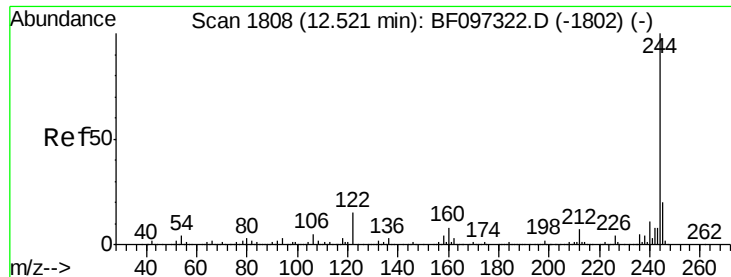
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Tgt Ion:240 Resp: 203947
 Ion Ratio Lower Upper
 240 100
 120 15.4 5.8 8.8#
 236 25.8 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

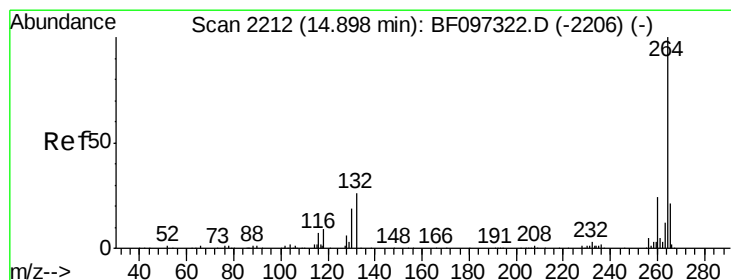
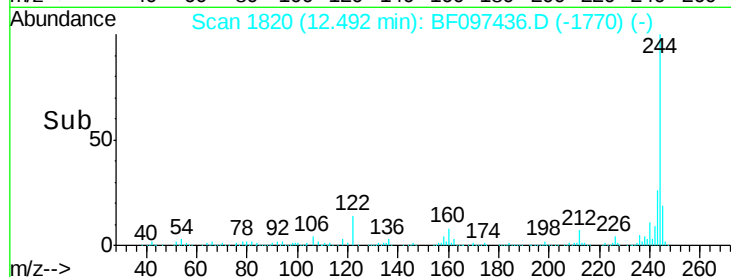
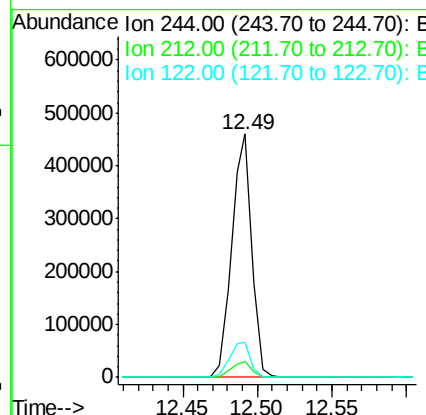
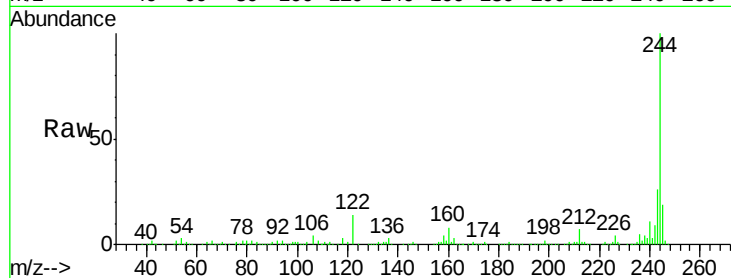




#78
 Terphenyl-d14
 Concen: 43.60 ng
 RT: 12.49 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BC

Tot Ion:244 Resp: 436166
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097436.D
 Acq: 7 Aug 2017 18:30

Tgt Ion:264 Resp: 151739
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.3 17.2 25.8

