

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097083.D
 Acq On : 26 Jul 2017 18:58
 Operator : SJ/JU
 Sample : PB100971BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:18:24 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

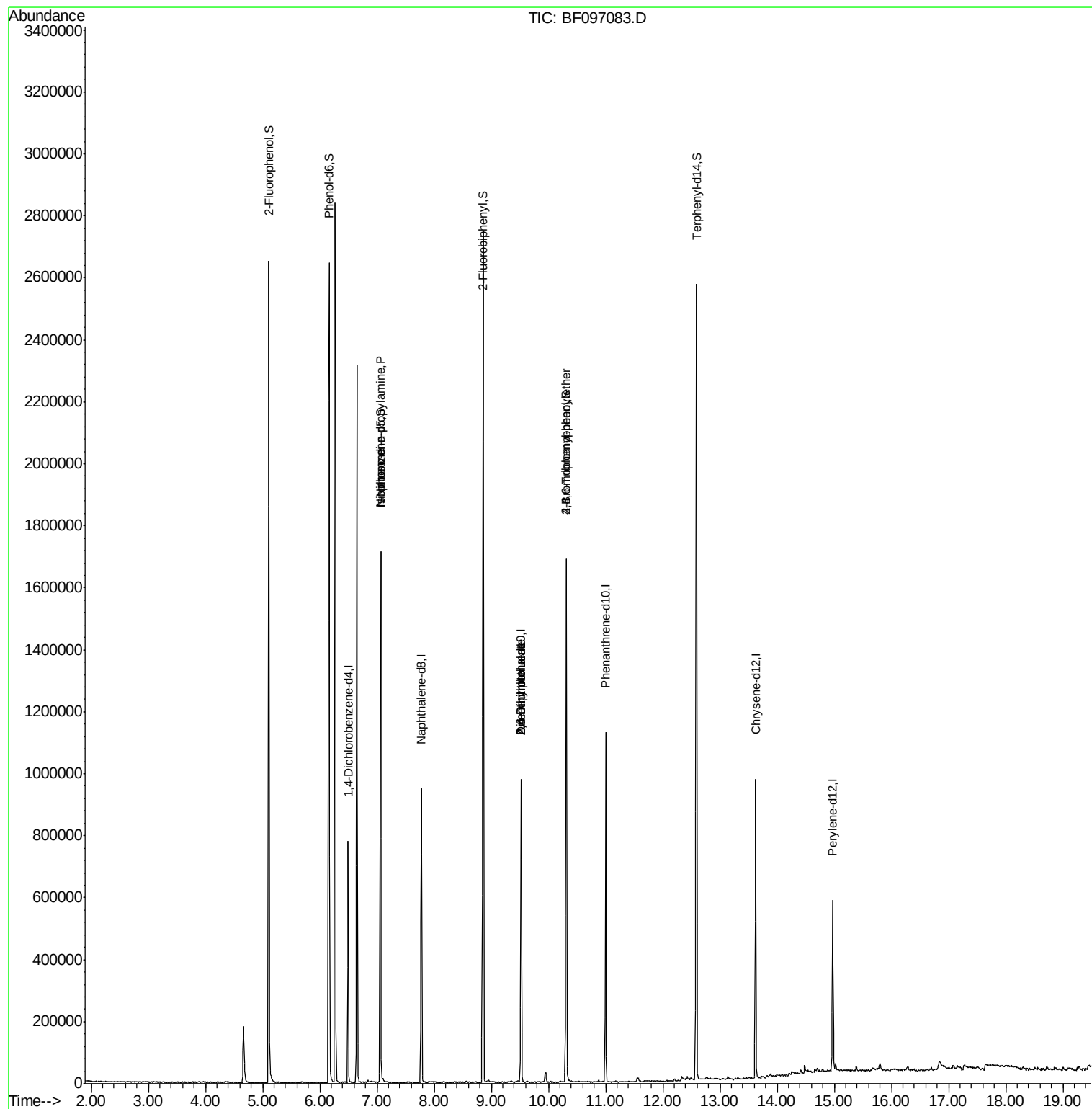
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	108767	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	468339	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	212788	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	387018	20.00	ng	0.00
75) Chrysene-d12	13.62	240	319345	20.00	ng	0.00
86) Perylene-d12	14.97	264	222235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	833644	115.54	ng	0.00
7) Phenol-d6	6.16	99	955685	116.02	ng	0.00
23) Nitrobenzene-d5	7.06	82	584817	73.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	223107	132.70	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1071105	85.43	ng	-0.01
78) Terphenyl-d14	12.59	244	953774	60.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	78291	14.440	ng	# 89
25) Isophorone	7.06	82	581596	37.199	ng	# 67
49) Dimethylphthalate	9.53	163	61996	3.837	ng	# 1
50) 2,6-Dinitrotoluene	9.52	165	26902	7.850	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	26902	6.828	ng	# 33
66) 4-Bromophenyl-phenylether	10.32	248	14262	3.693	ng	# 1

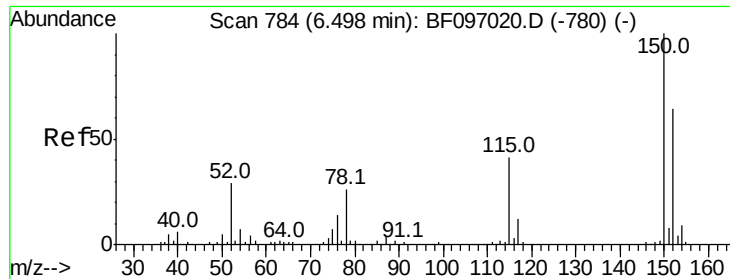
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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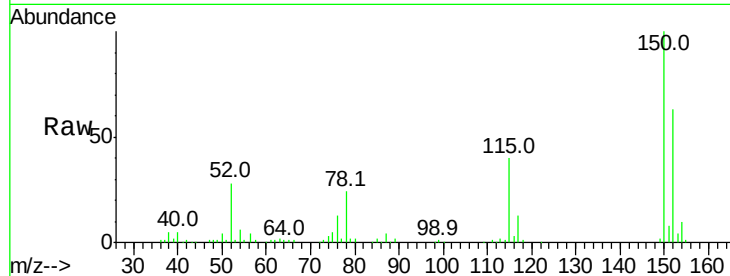


#1

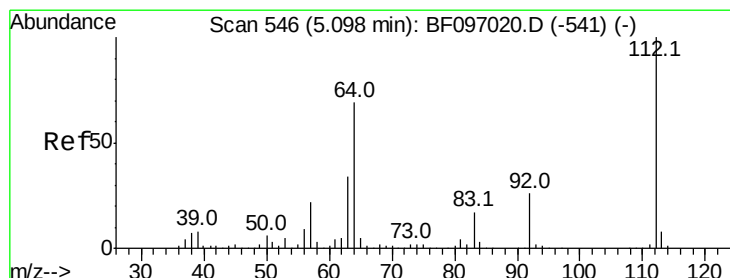
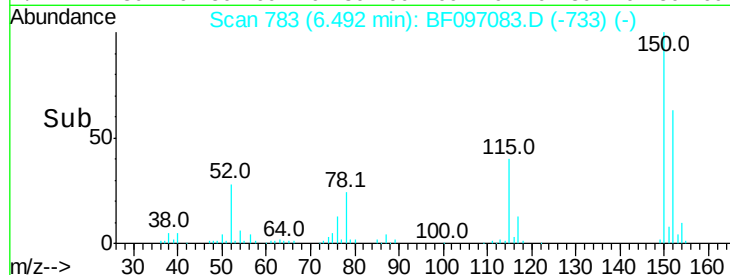
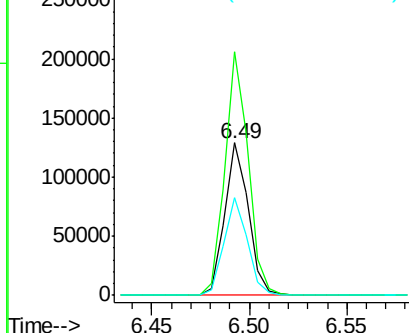
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097083.D
Acq: 26 Jul 2017 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108767
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 63.9 52.2 78.2



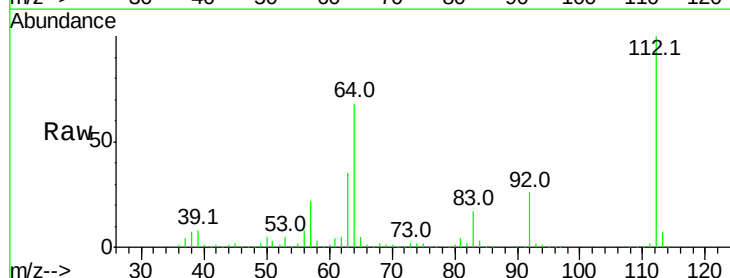
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



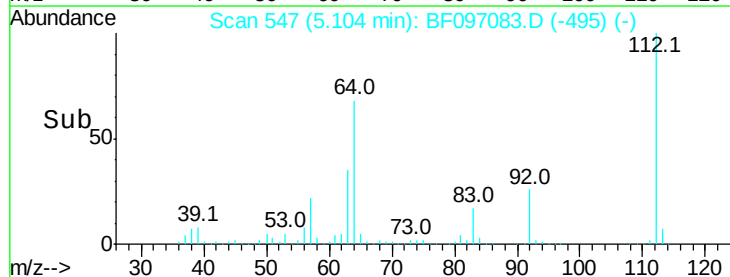
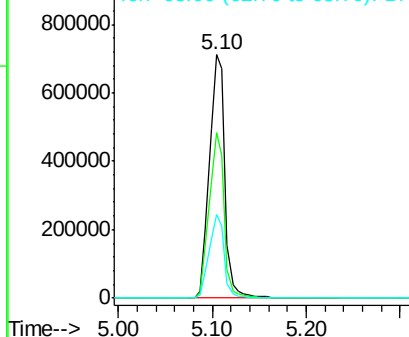
#5

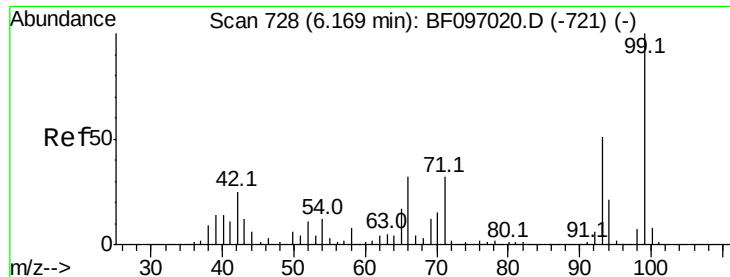
2-Fluorophenol
Concen: 115.541 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097083.D
Acq: 26 Jul 2017 18:58

Tgt Ion:112 Resp: 833644
Ion Ratio Lower Upper
112 100
64 68.0 46.0 69.0
63 34.6 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: 116.025 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

Instrument :

BNA_F

ClientSampled :

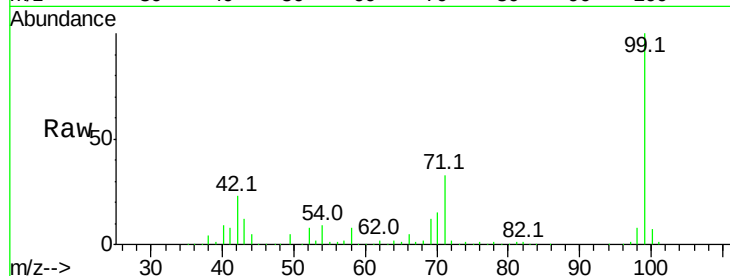
Tot Ion: 99 Resp: 955685

Ion Ratio Lower Upper

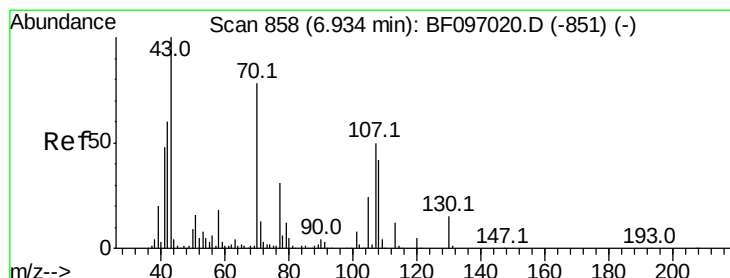
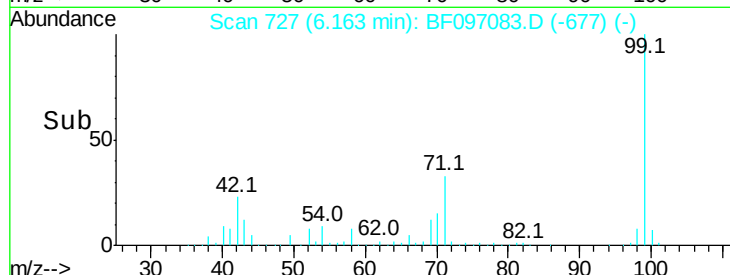
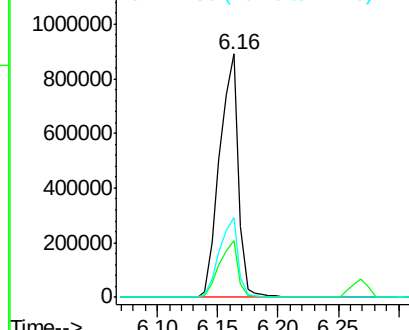
99 100

42 23.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.440 ng

RT: 7.06 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

Tgt Ion: 70 Resp: 78291

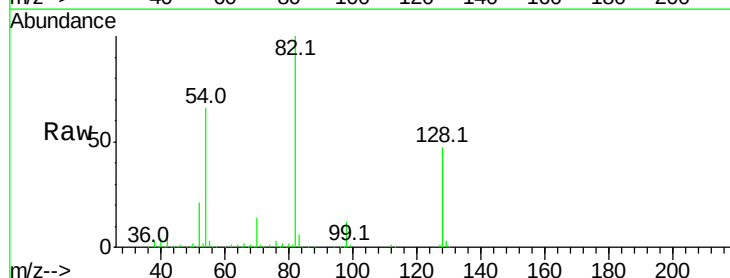
Ion Ratio Lower Upper

70 100

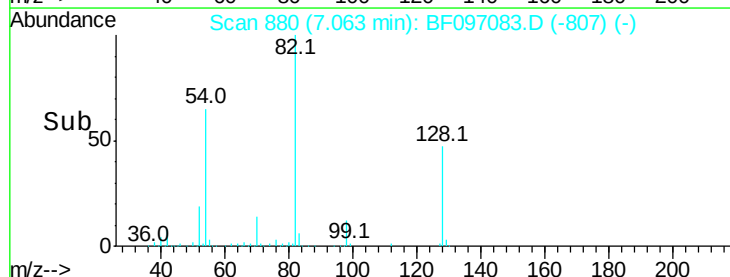
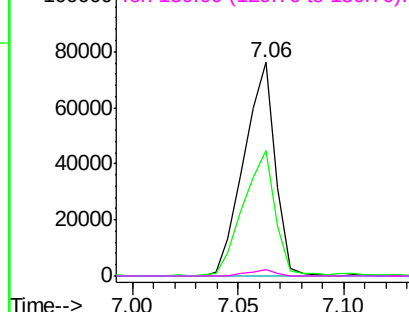
42 58.6 47.2 70.8

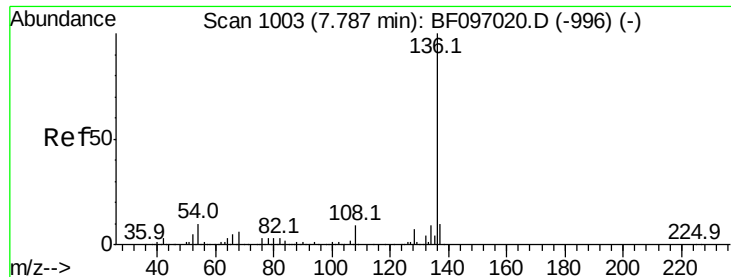
101 0.0 7.2 10.8#

130 2.8 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

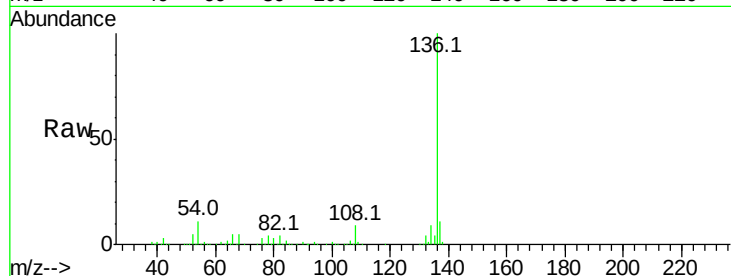




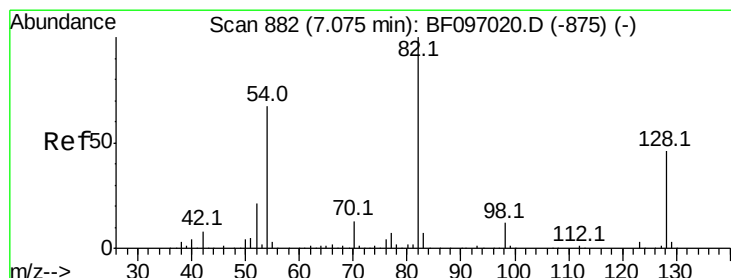
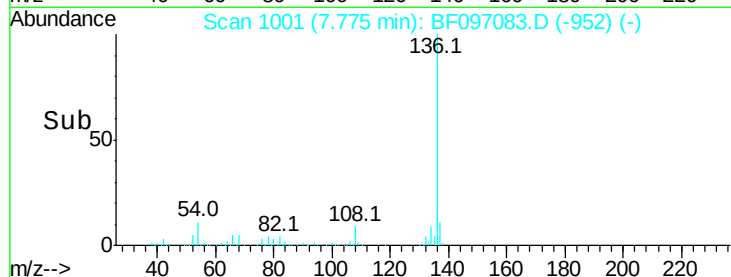
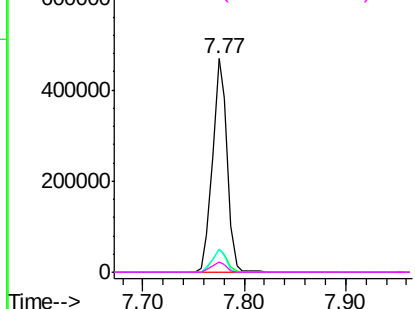
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097083.D
Acq: 26 Jul 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.1	4.9	7.3#
68	5.1	4.1	6.1

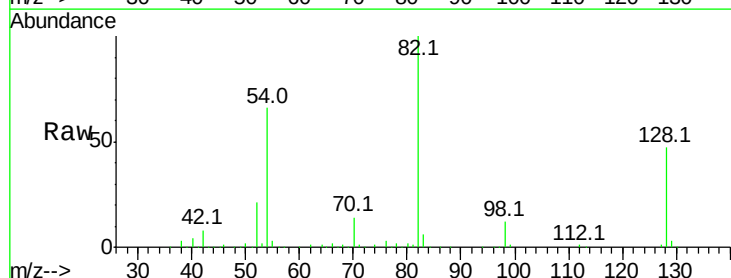


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

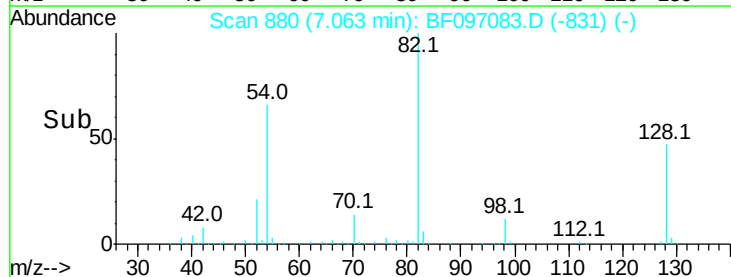
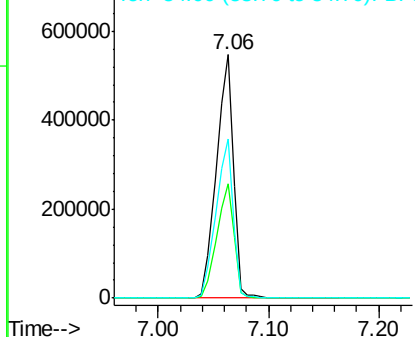


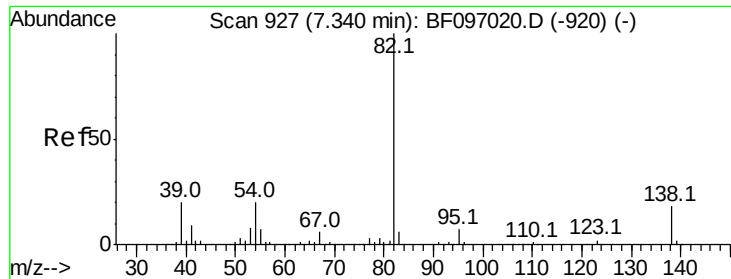
#23
Nitrobenzene-d5
Concen: 73.254 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097083.D
Acq: 26 Jul 2017 18:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	65.5	42.2	63.2#



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





#25

Isophorone

Concen: 37.199 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

Instrument :

BNA_F

ClientSampleId :

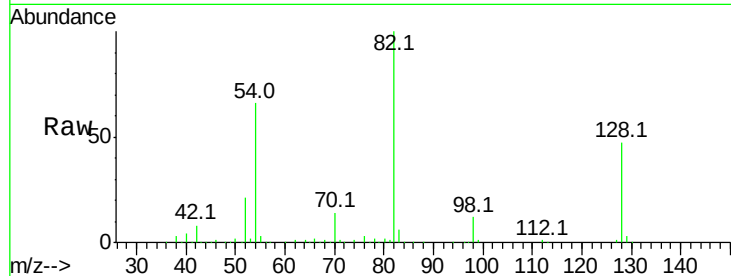
Tot Ion: 82 Resp: 581596

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

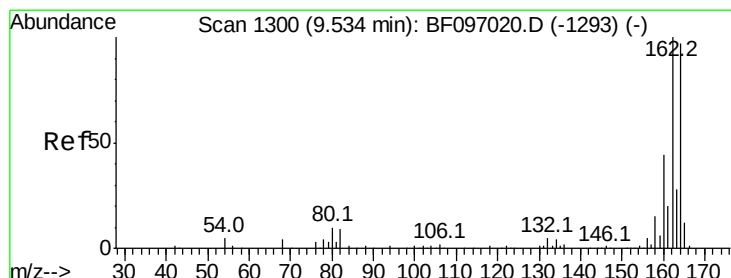
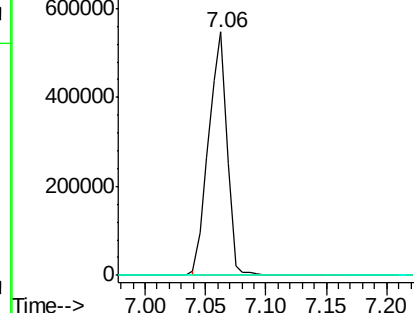
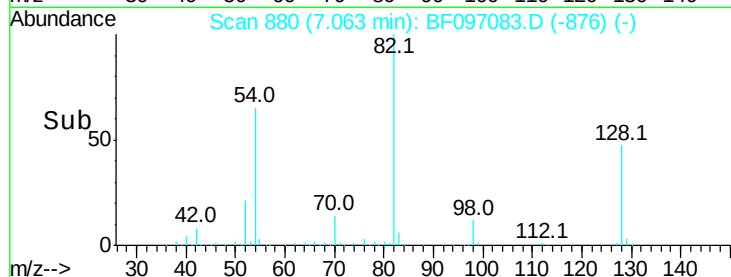
138 0.0 13.1 19.7#



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: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

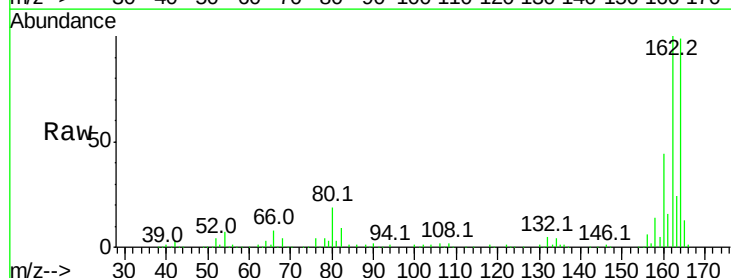
Tgt Ion:164 Resp: 212788

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

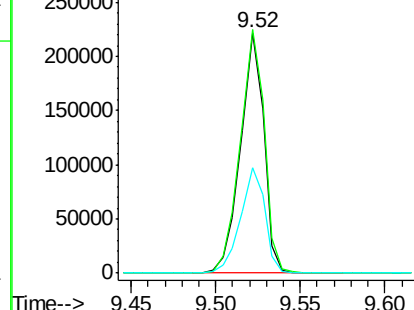
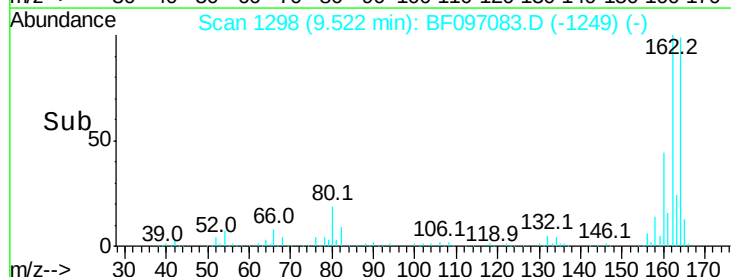
160 44.1 36.2 54.2

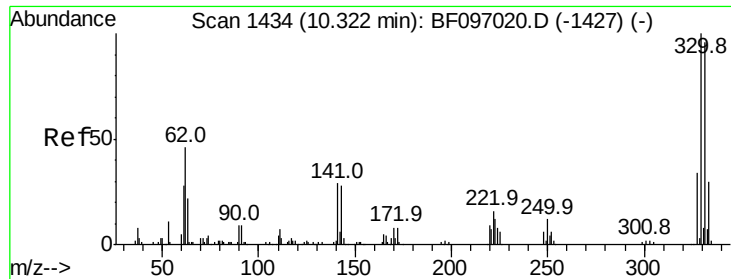


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

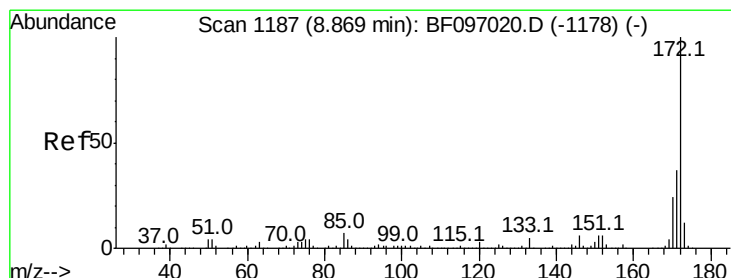
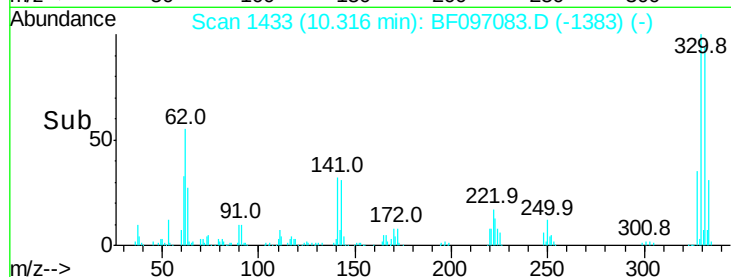
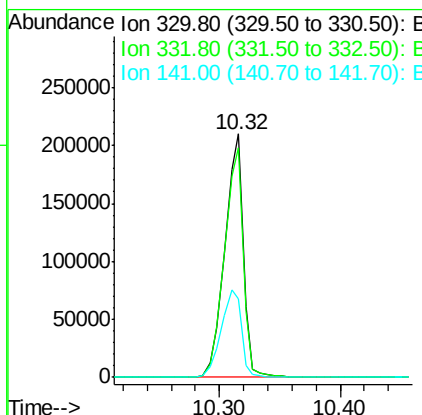
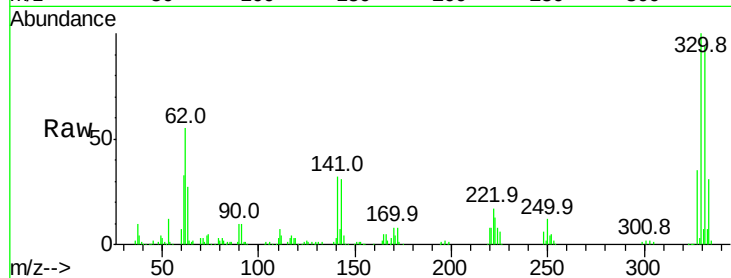




#41
 2,4,6-Tribromophenol
 Concen: 132.705 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097083.D
 Acq: 26 Jul 2017 18:58

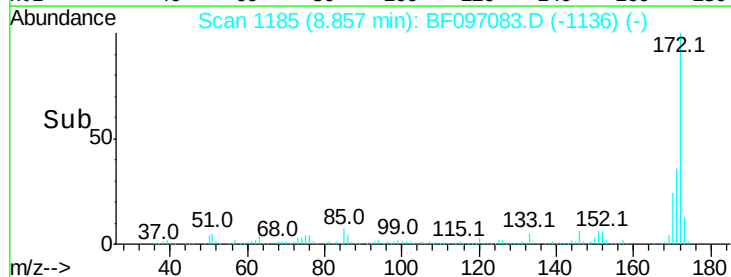
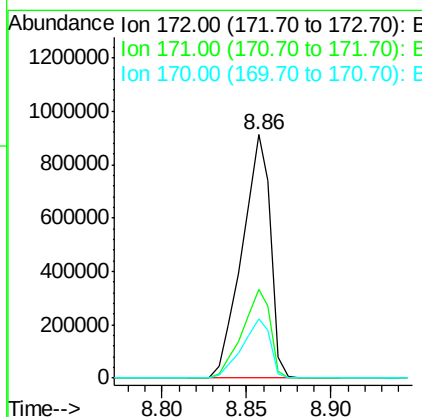
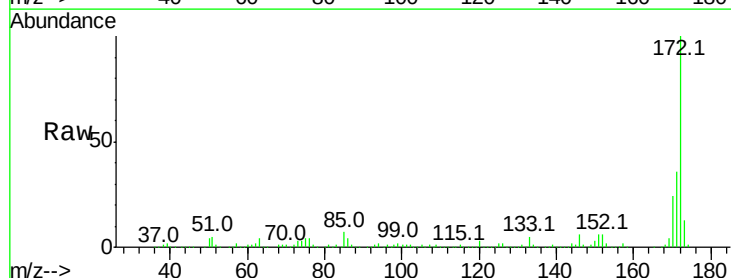
Instrument :
 BNA_F
 ClientSampled :

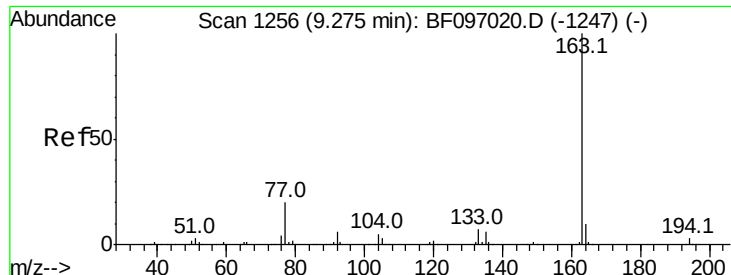
Tot Ion:330 Resp: 223107
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 85.426 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097083.D
 Acq: 26 Jul 2017 18:58

Tgt Ion:172 Resp: 1071105
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 3.837 ng

RT: 9.53 min Scan# 1299

Delta R.T. 0.25 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

Instrument :

BNA_F

ClientSampleId :

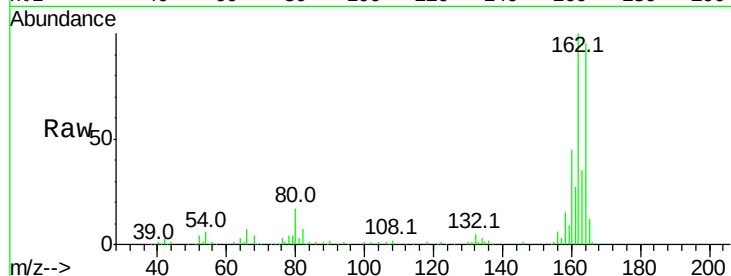
Tot Ion:163 Resp: 61996

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

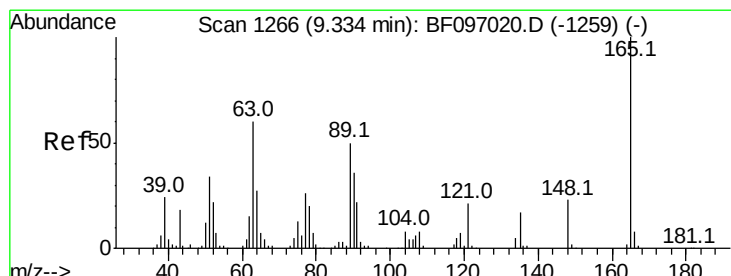
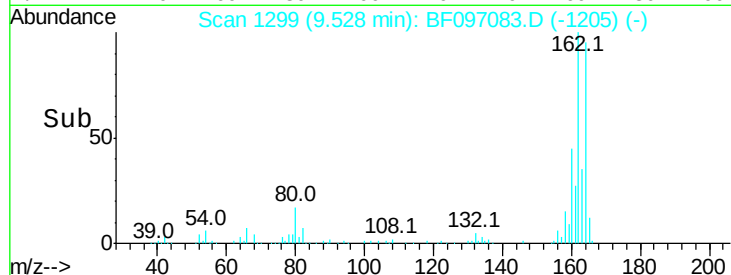
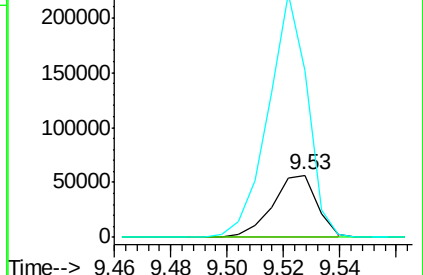
164 268.9 8.4 12.6#



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: 7.850 ng

RT: 9.52 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

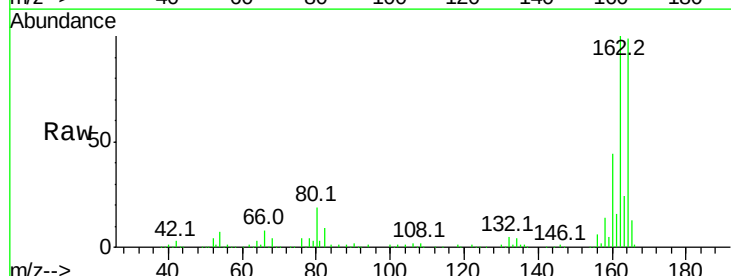
Tgt Ion:165 Resp: 26902

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

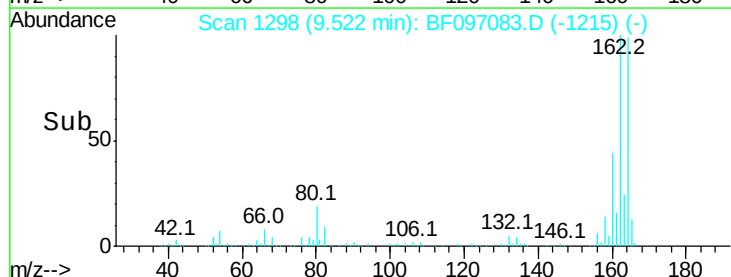
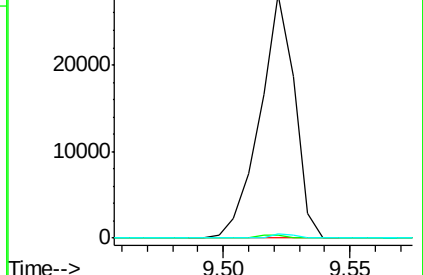
89 1.5 37.1 55.7#

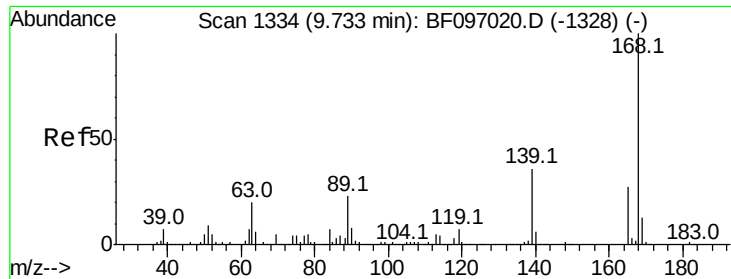


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

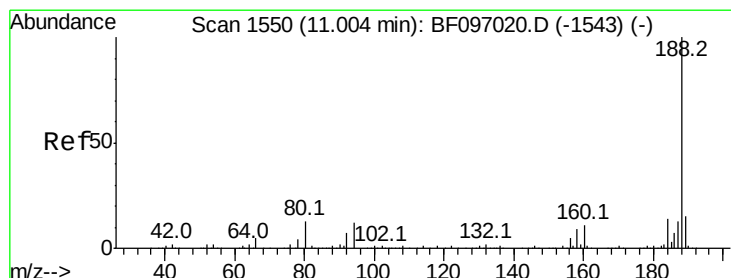
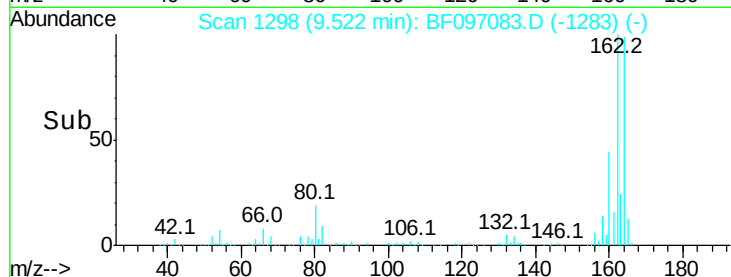
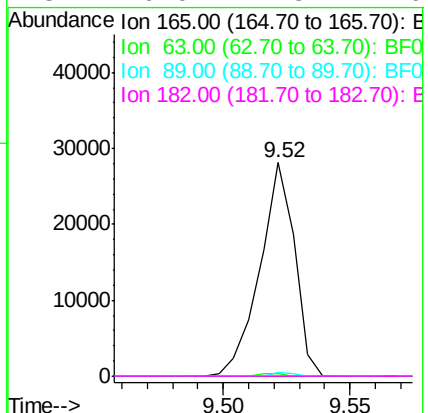
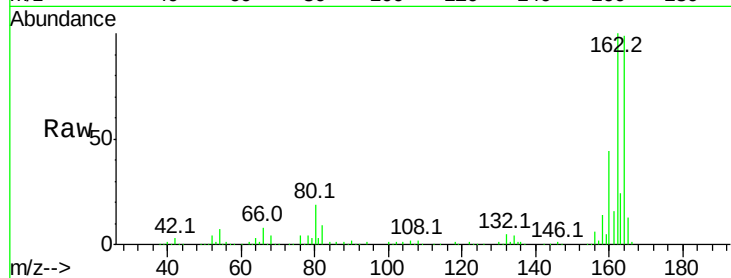




#56
 2,4-Dinitrotoluene
 Concen: 6.828 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097083.D
 Acq: 26 Jul 2017 18:58

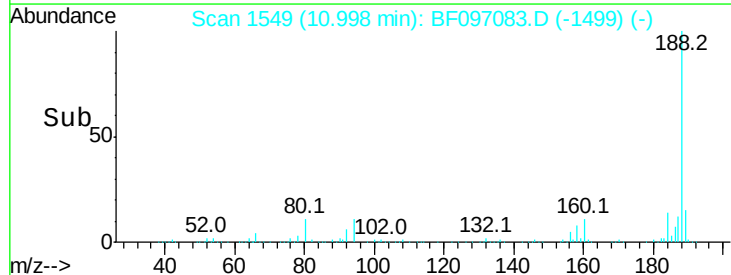
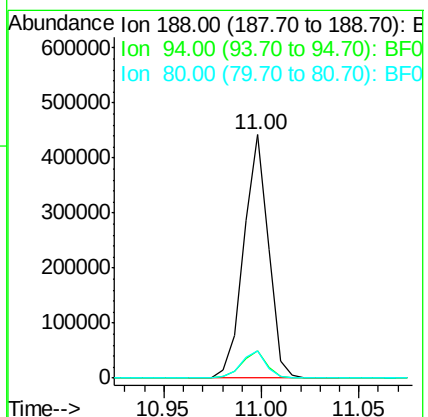
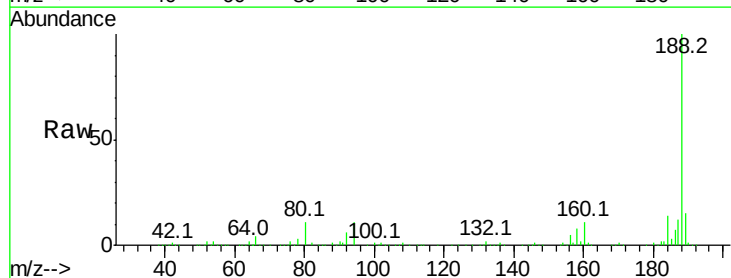
Instrument :
 BNA_F
 ClientSampleId :

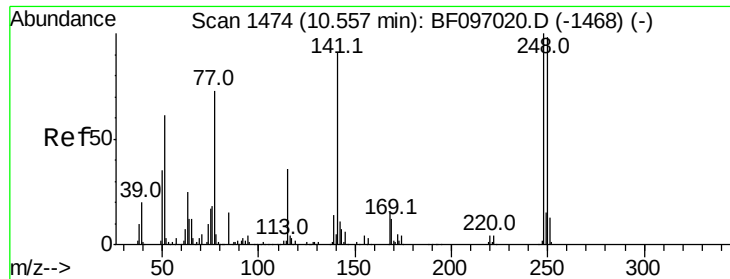
Tot Ion:165 Resp: 26902
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097083.D
 Acq: 26 Jul 2017 18:58

Tgt Ion:188 Resp: 387018
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.2 10.2 15.2





#66

4-Bromophenyl-phenylether

Concen: 3.693 ng

RT: 10.32 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF097083.D

Acq: 26 Jul 2017 18:58

Instrument :

BNA_F

ClientSampleId :

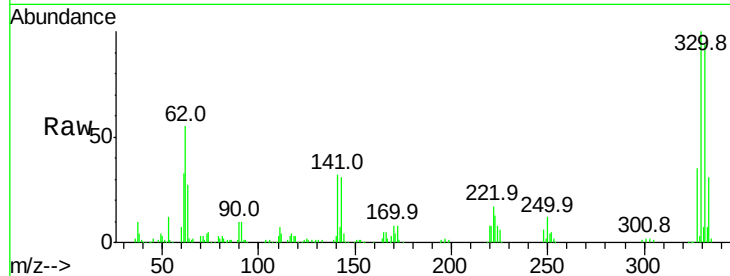
Tot Ion:248 Resp: 14262

Ion Ratio Lower Upper

248 100

250 201.8 76.8 115.2#

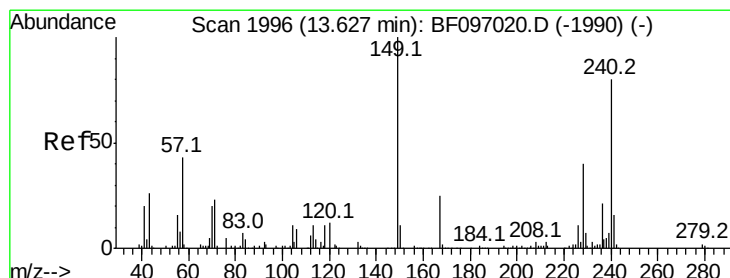
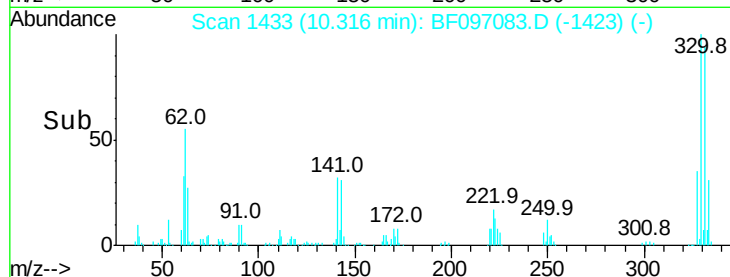
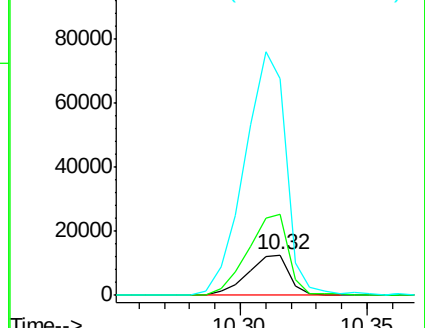
141 540.5 68.6 103.0#



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: BF097083.D

Acq: 26 Jul 2017 18:58

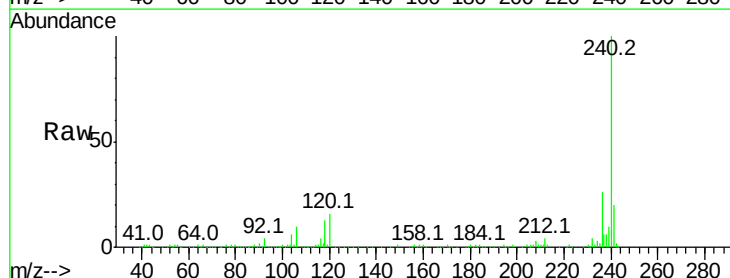
Tgt Ion:240 Resp: 319345

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

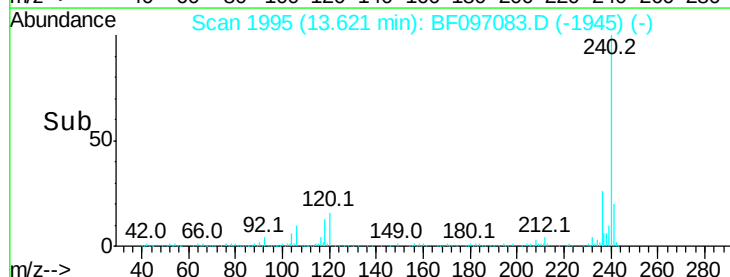
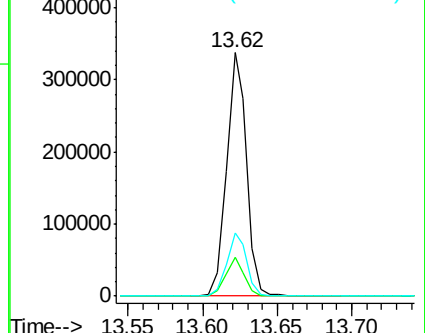
236 26.0 20.5 30.7

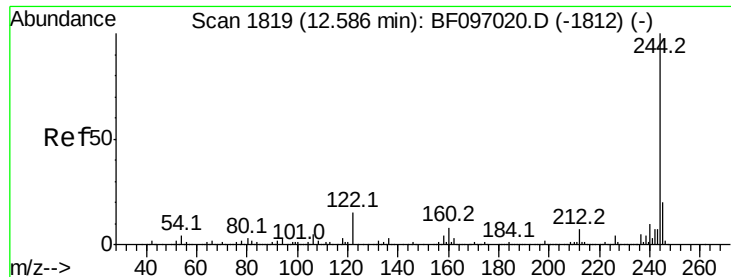


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

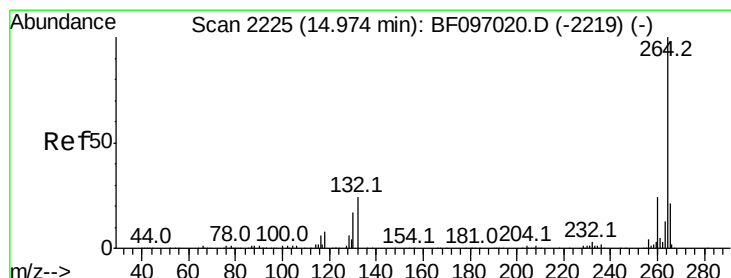
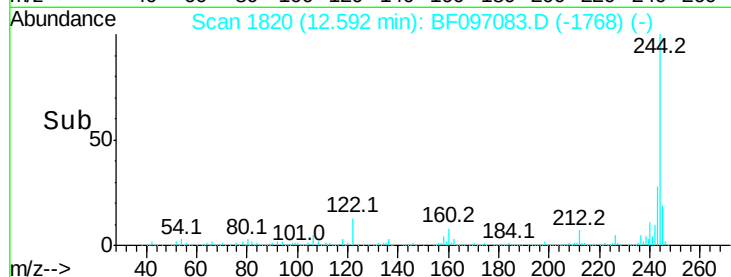
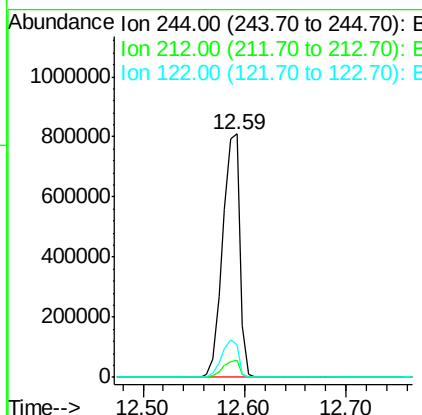
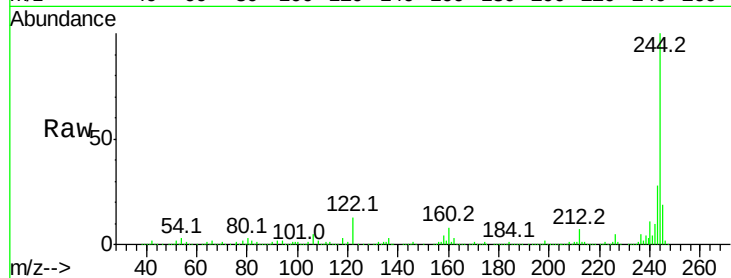




#78
 Terphenyl-d14
 Concen: 60.894 ng
 RT: 12.59 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BF097083.D
 Acq: 26 Jul 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 953774
 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: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097083.D
 Acq: 26 Jul 2017 18:58

Tgt Ion:264 Resp: 222235
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.5 17.2 25.8

