

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096558.D
 Acq On : 7 Jul 2017 14:47
 Operator : SJ/MA
 Sample : I4064-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 15:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

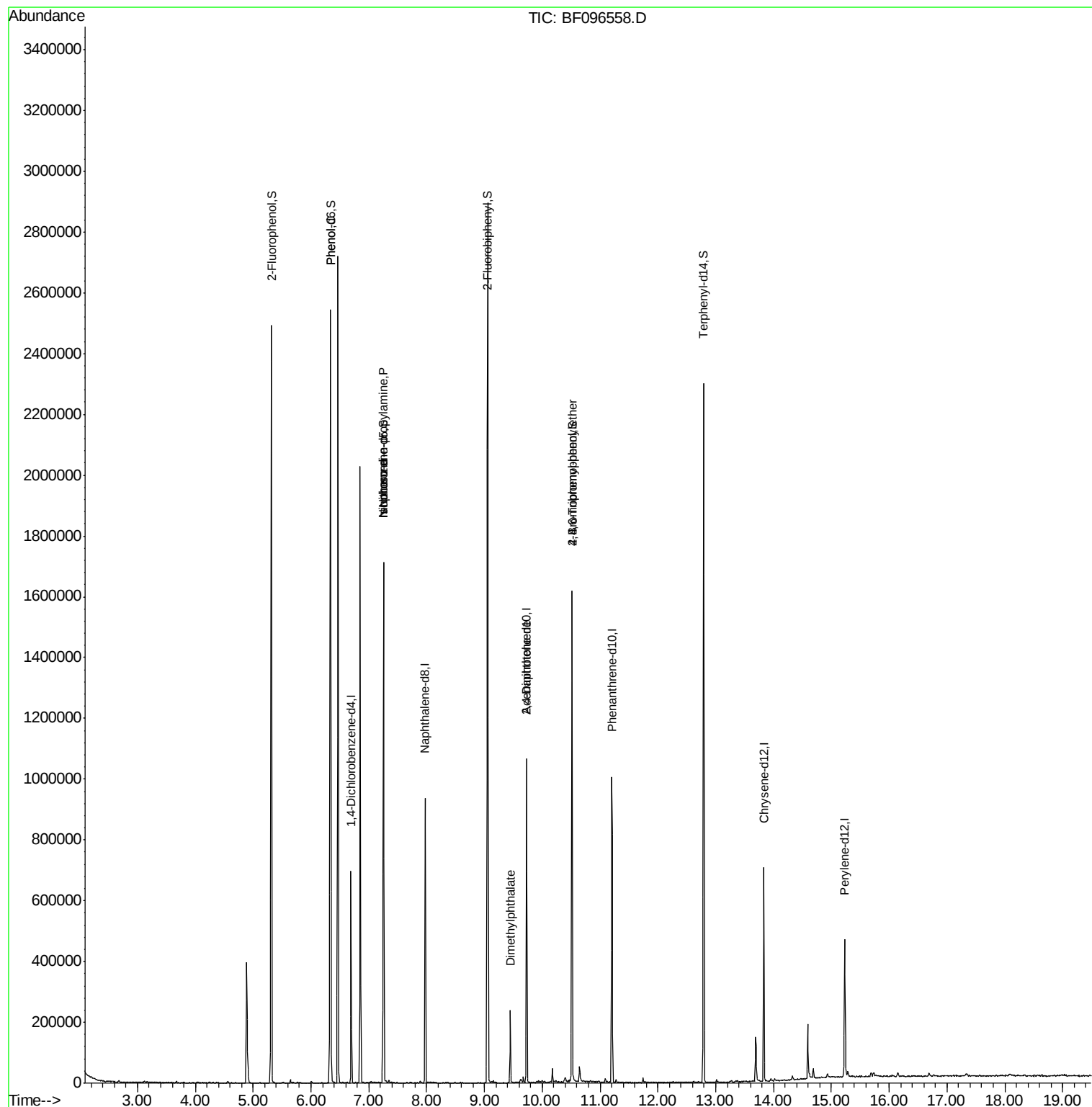
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106167	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	448440	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	205828	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	353332	20.00	ng	0.00
75) Chrysene-d12	13.83	240	225257	20.00	ng	-0.01
86) Perylene-d12	15.23	264	181784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	746102	103.73	ng	0.00
7) Phenol-d6	6.34	99	906876	102.55	ng	0.00
23) Nitrobenzene-d5	7.26	82	530988	71.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	187703	116.75	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	933110	77.51	ng	0.00
78) Terphenyl-d14	12.79	244	740968	70.29	ng	0.00
Target Compounds						
10) Phenol	6.35	94	27474	2.73	ng	88
19) n-Nitroso-di-n-propylamine	7.26	70	71407	13.55	ng	# 86
25) Isophorone	7.26	82	530857	36.69	ng	# 67
49) Dimethylphthalate	9.45	163	88888	5.79	ng	99
56) 2,4-Dinitrotoluene	9.73	165	25633	5.96	ng	# 32
66) 4-Bromophenyl-phenylether	10.52	248	12594	3.66	ng	# 1

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

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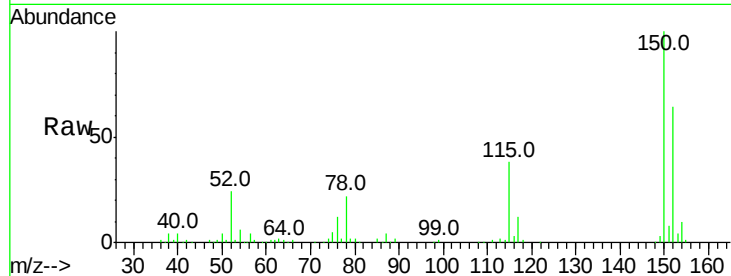


#1

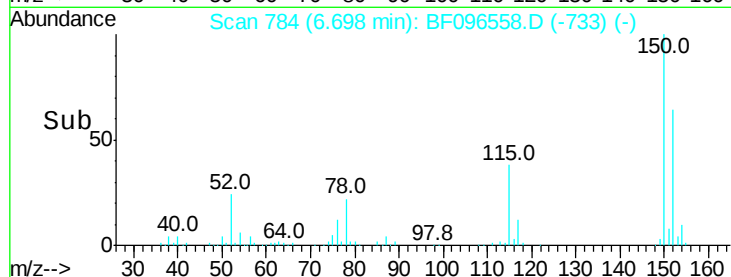
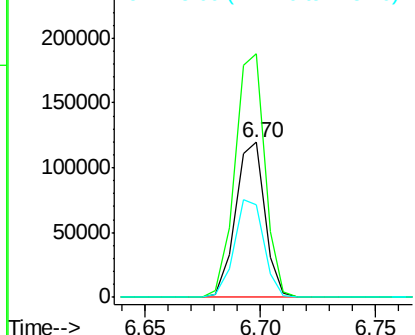
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106167
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 60.0 52.2 78.2



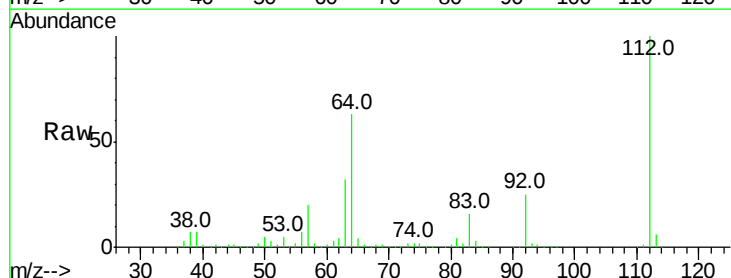
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



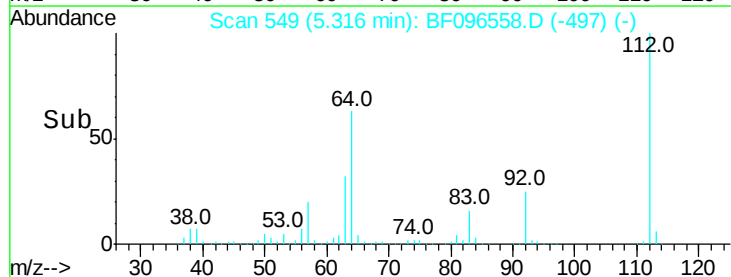
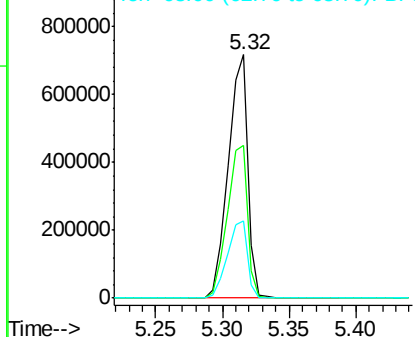
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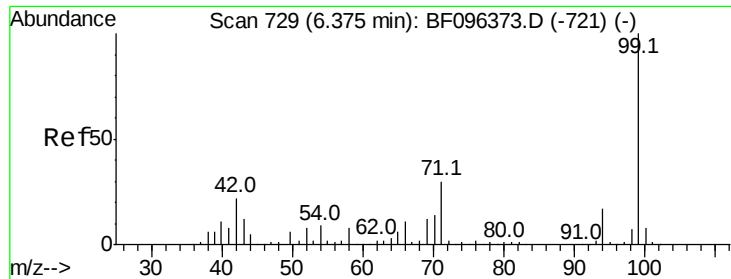
2-Fluorophenol
Concen: 103.73 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Tgt Ion:112 Resp: 746102
Ion Ratio Lower Upper
112 100
64 62.6 46.0 69.0
63 31.6 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: 102.55 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096558.D

Acq: 7 Jul 2017 14:47

Instrument :

BNA_F

ClientSampled :

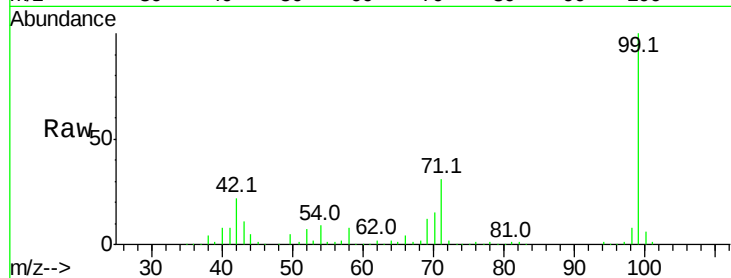
Tot Ion: 99 Resp: 906876

Ion Ratio Lower Upper

99 100

42 21.6 13.5 20.3#

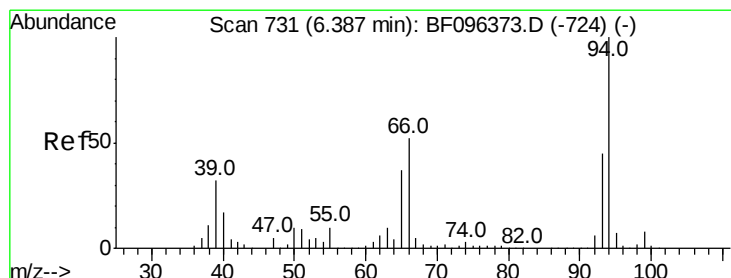
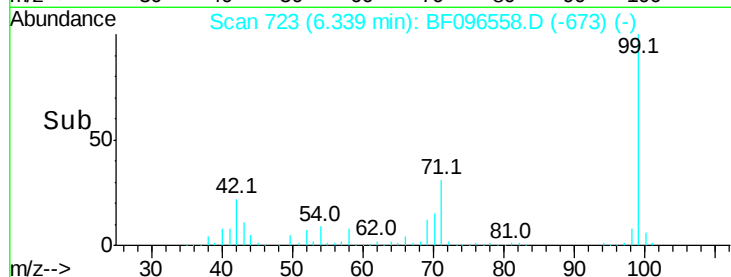
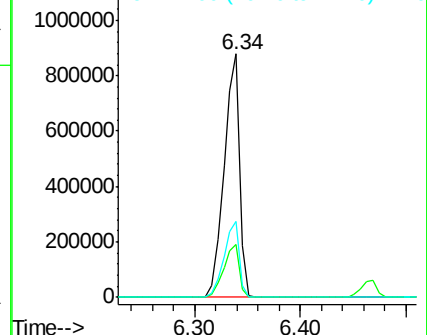
71 31.1 24.5 36.7



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: 2.73 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096558.D

Acq: 7 Jul 2017 14:47

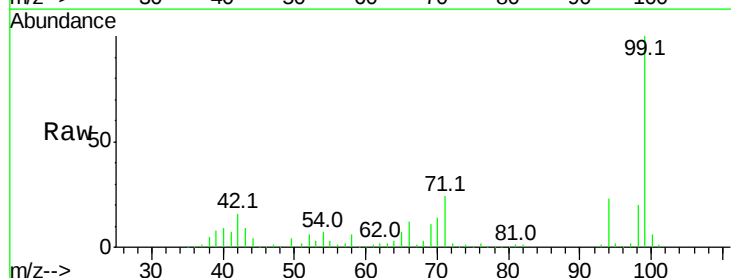
Tgt Ion: 94 Resp: 27474

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

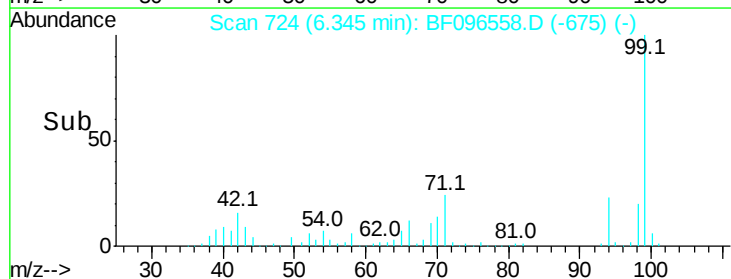
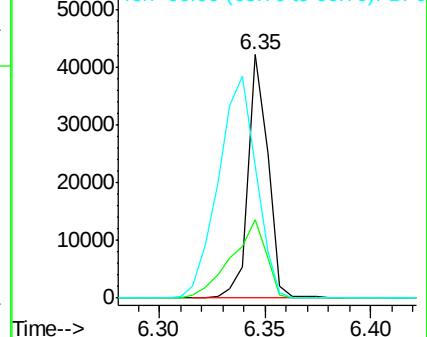
66 54.2 23.1 63.1

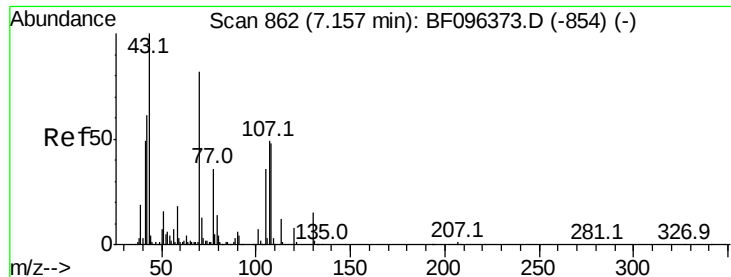


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

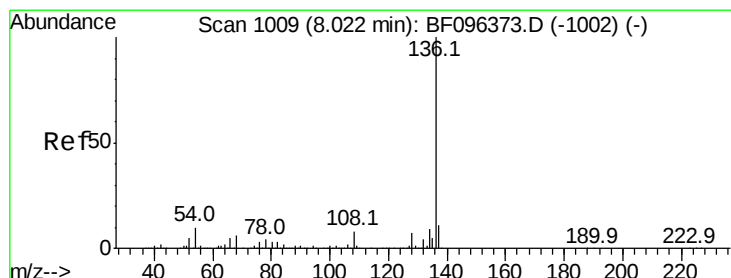
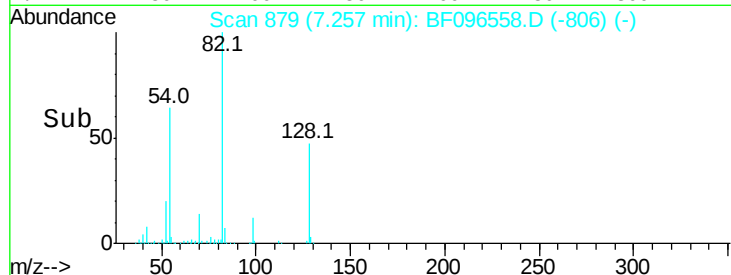
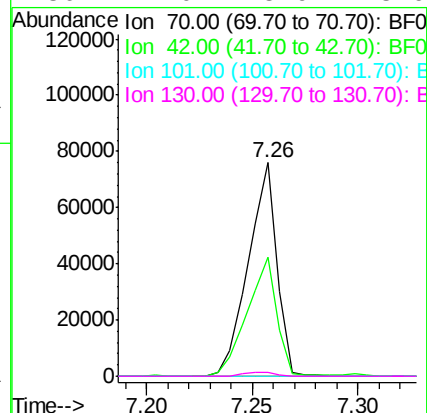
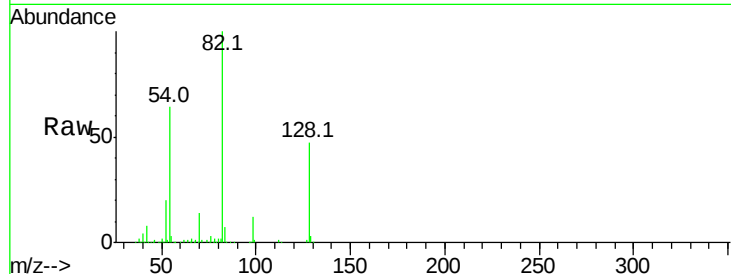




#19
n-Nitroso-di-n-propylamine
Concen: 13.55 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

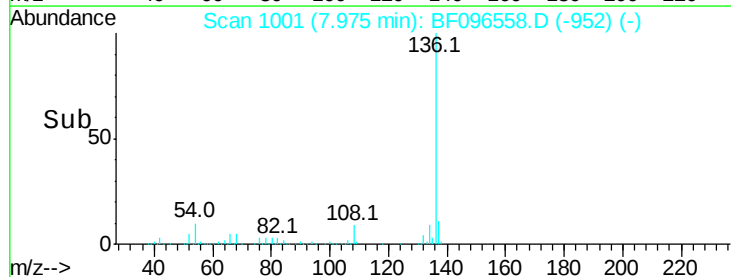
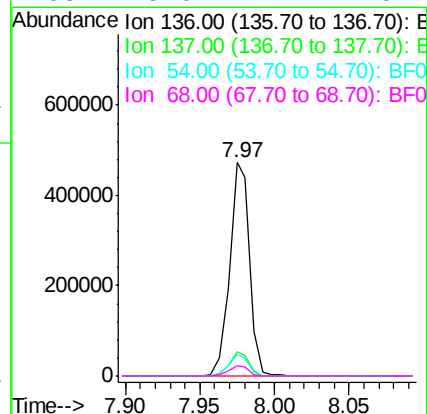
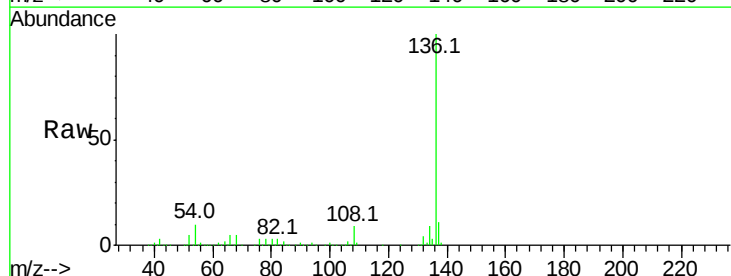
Instrument :
BNA_F
ClientSampleId :

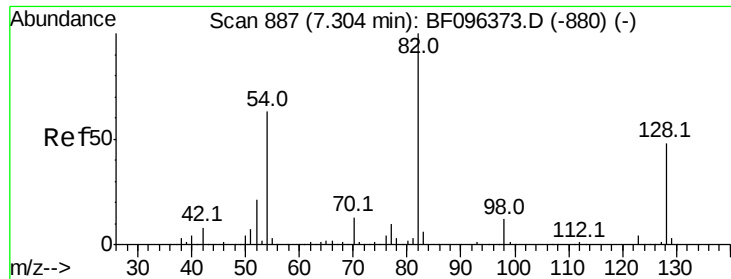
Tot Ion: 70 Resp: 71407
Ion Ratio Lower Upper
70 100
42 55.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Tgt Ion:136 Resp: 448440
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.1 4.9 7.3#
68 5.0 4.1 6.1

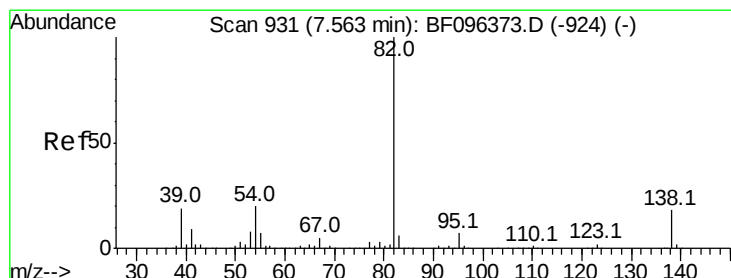
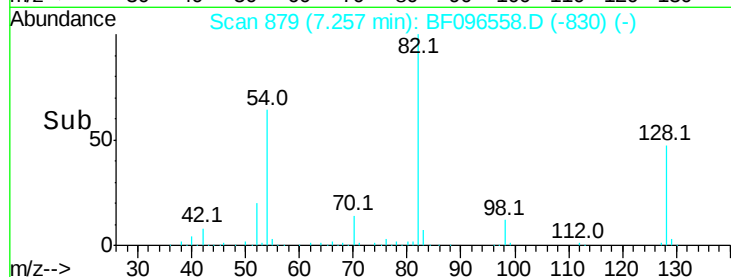
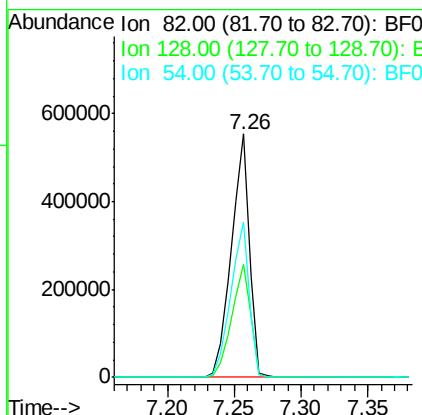
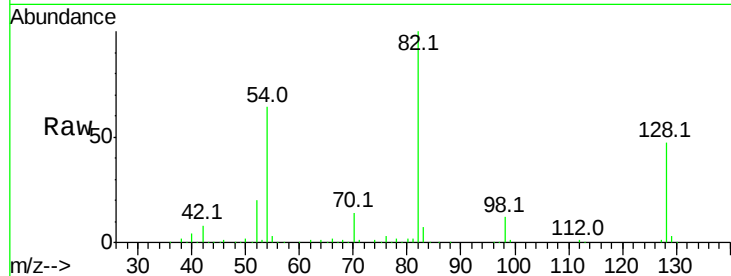




#23
 Nitrobenzene-d5
 Concen: 71.15 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

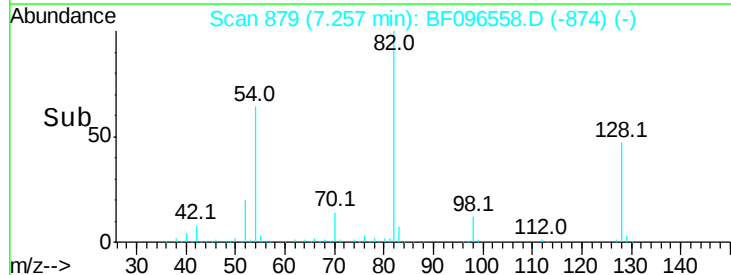
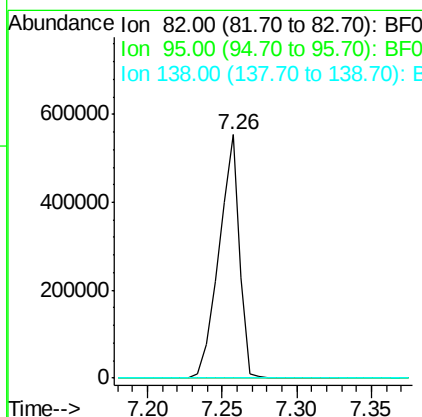
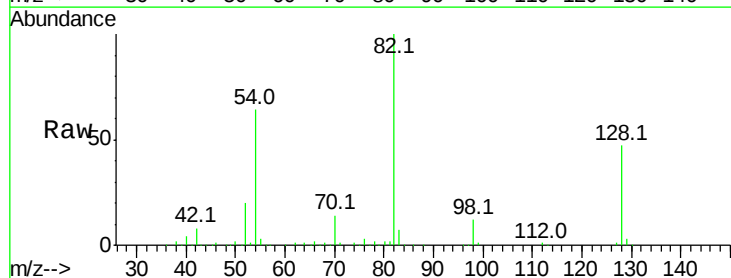
Instrument :
 BNA_F
 ClientSampleID :

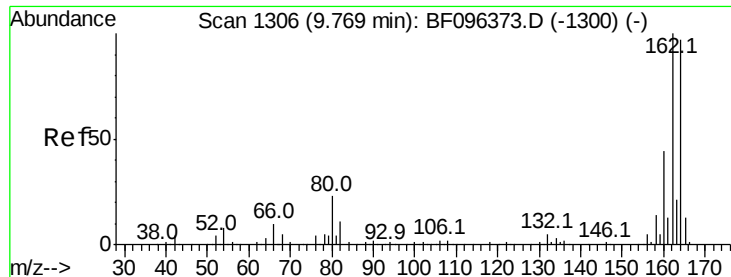
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	63.8	42.2	63.2#



#25
 Isophorone
 Concen: 36.69 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

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

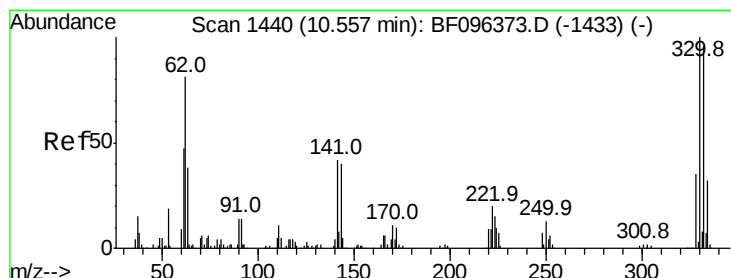
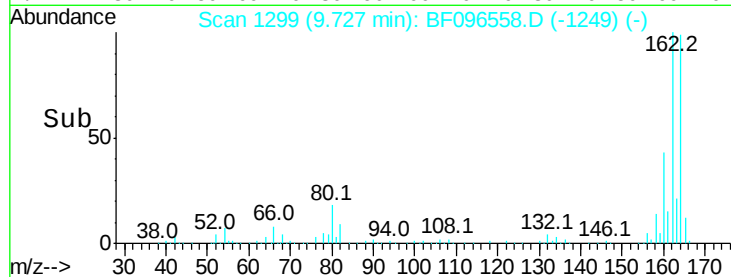
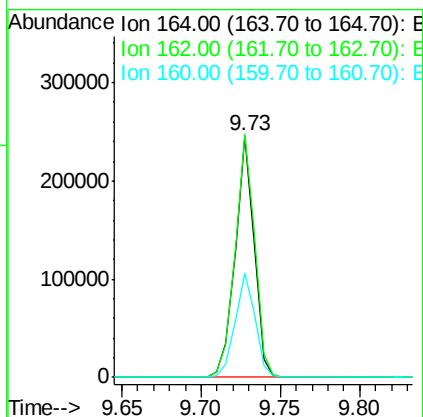
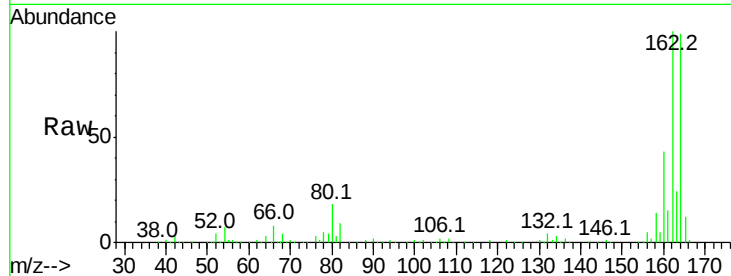




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

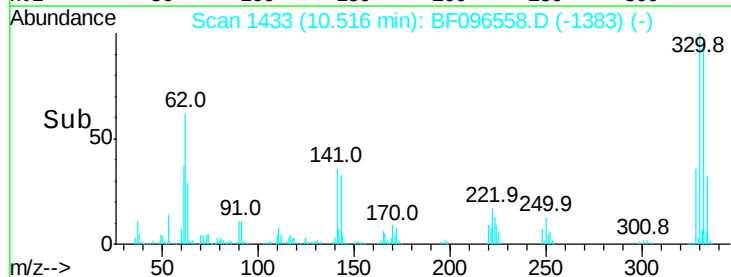
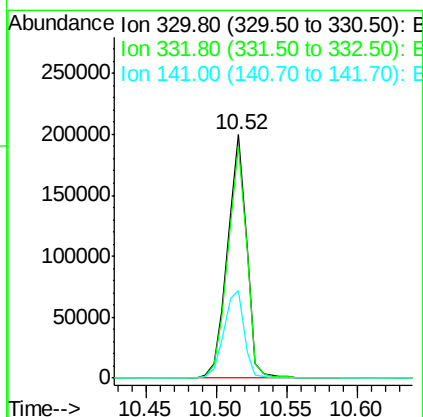
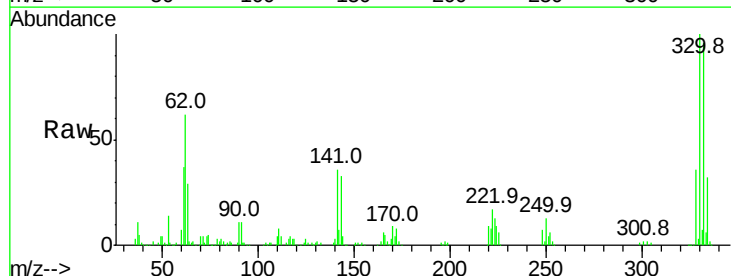
Instrument :
BNA_F
ClientSampleId :

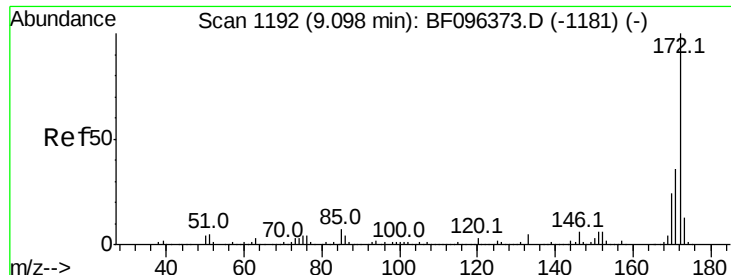
Tot Ion:164 Resp: 205828
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 43.3 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 116.75 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Tgt Ion:330 Resp: 187703
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 38.3 31.4 47.2

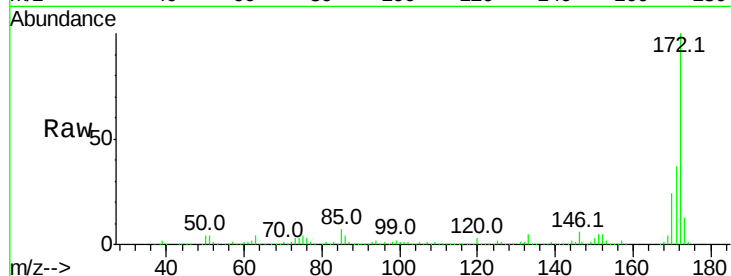




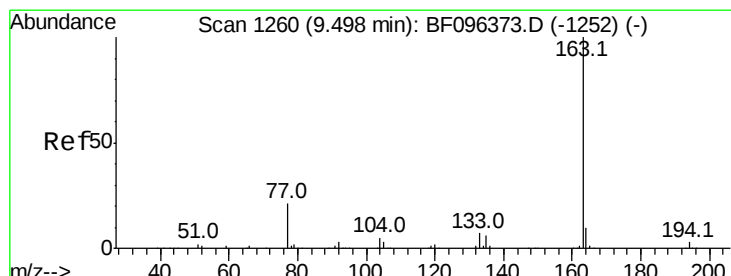
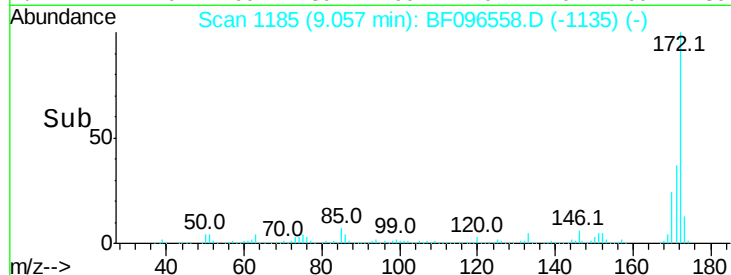
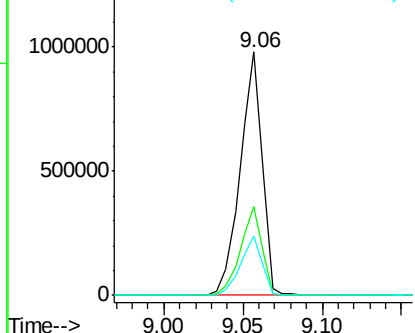
#44
 2-Fluorobiphenyl
 Concen: 77.51 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 933110
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.2 19.8 29.8

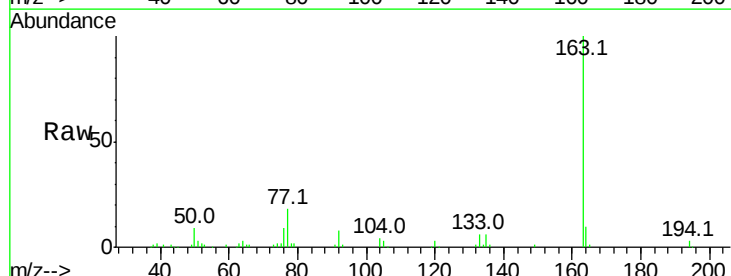


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

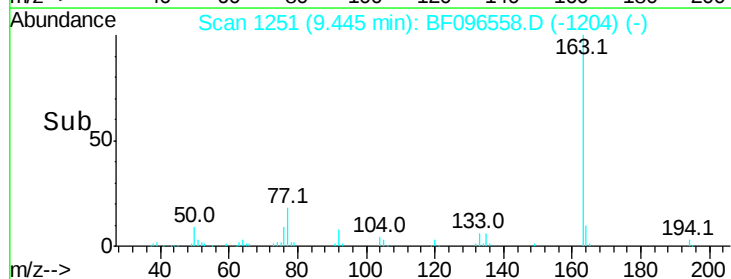
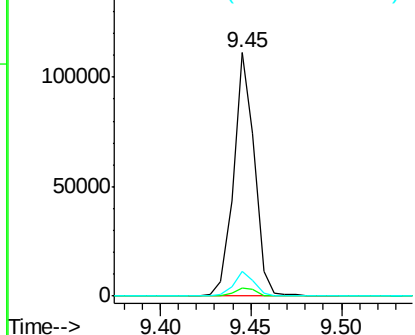


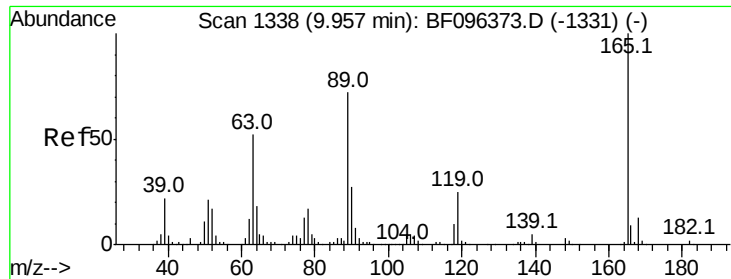
#49
 Dimethylphthalate
 Concen: 5.79 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Tgt Ion:163 Resp: 88888
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.2 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

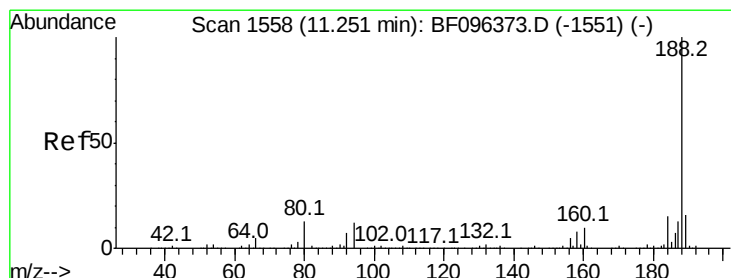
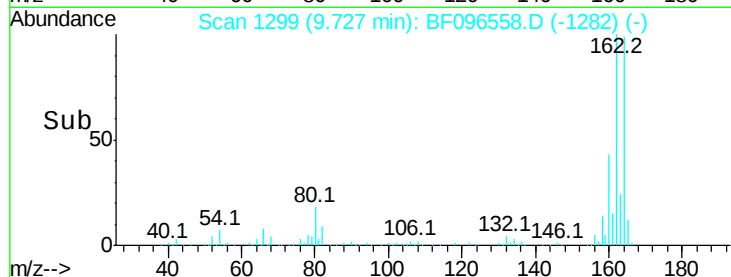
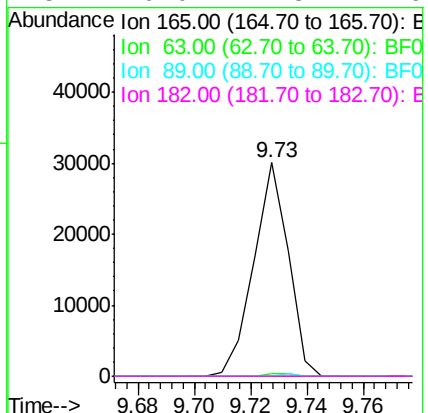
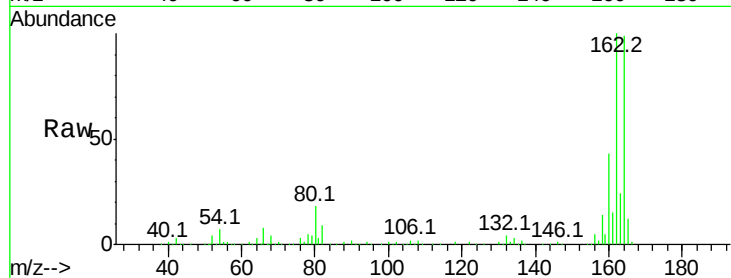




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

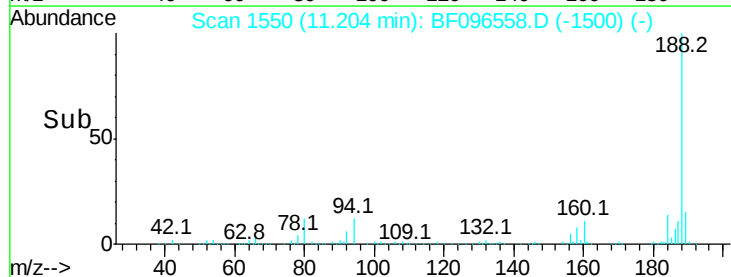
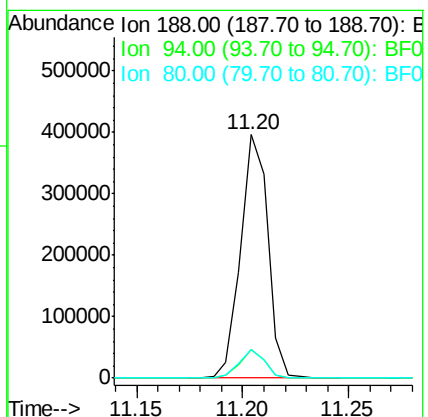
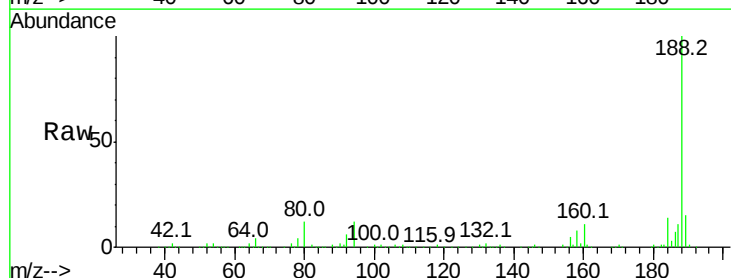
Instrument :
 BNA_F
 ClientSampleId :

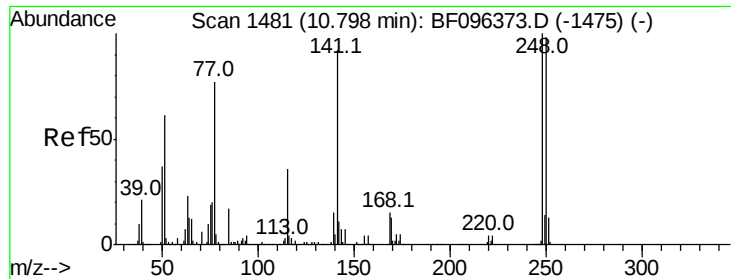
Tot Ion:165 Resp: 25633
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Tgt Ion:188 Resp: 353332
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 11.7 10.2 15.2

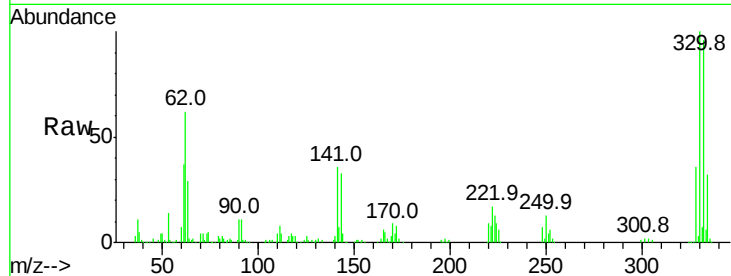




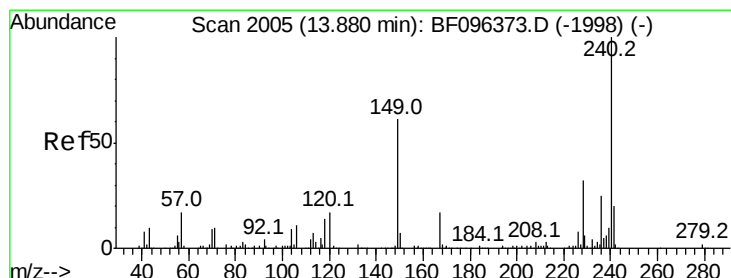
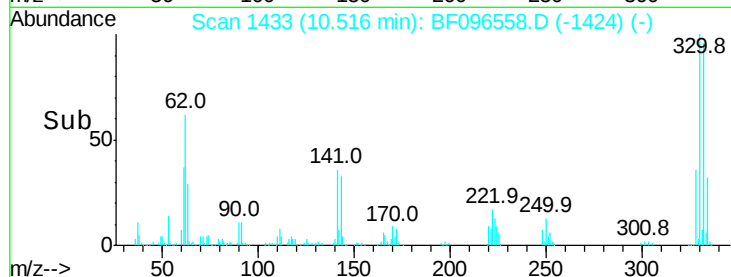
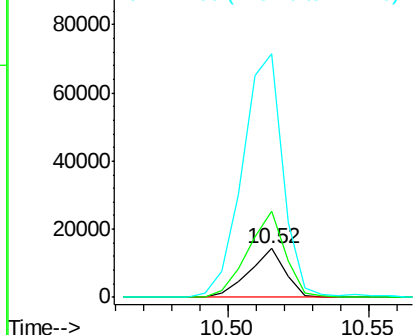
#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12594
Ion Ratio Lower Upper
248 100
250 178.1 76.8 115.2#
141 500.3 68.6 103.0#

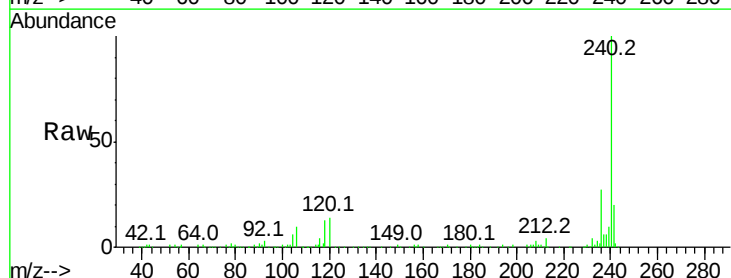


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

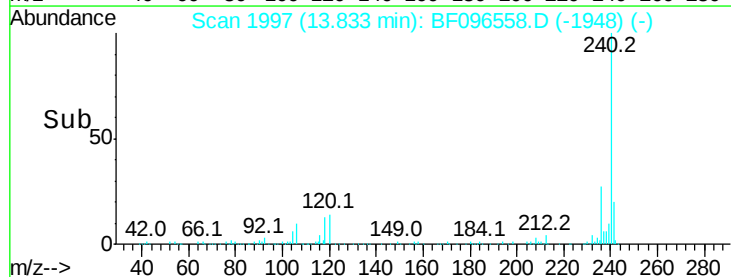
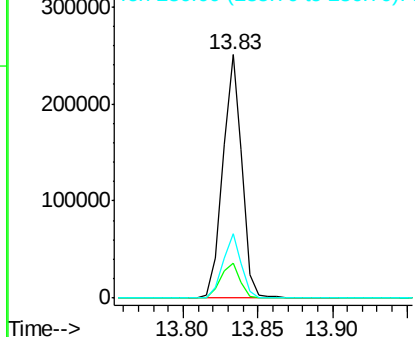


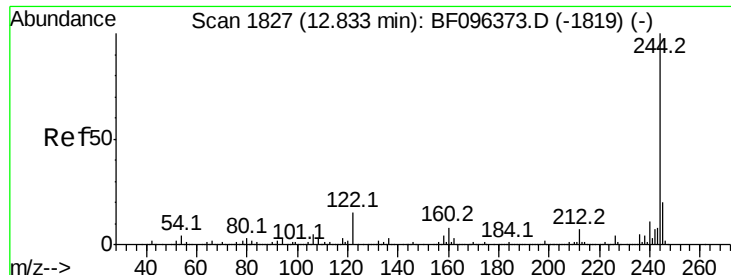
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096558.D
Acq: 7 Jul 2017 14:47

Tgt Ion:240 Resp: 225257
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 26.7 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

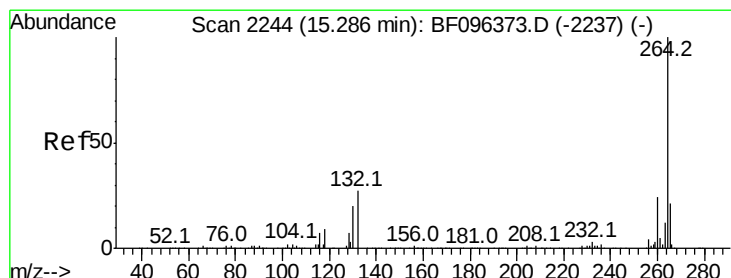
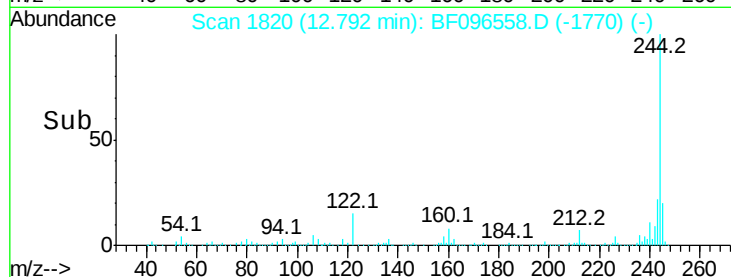
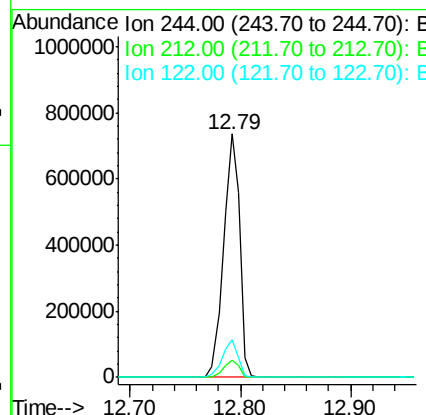
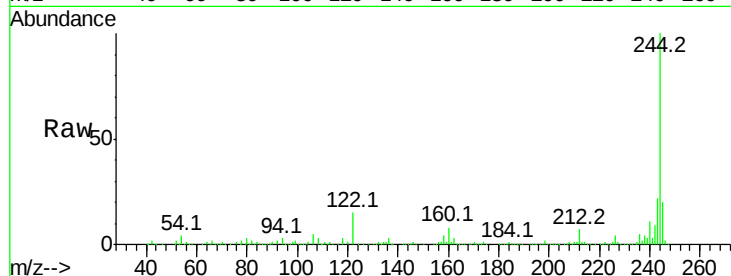




#78
 Terphenyl-d14
 Concen: 70.29 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 740968
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096558.D
 Acq: 7 Jul 2017 14:47

Tgt Ion:264 Resp: 181784
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 17.2 25.8

