

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096557.D
 Acq On : 7 Jul 2017 14:20
 Operator : SJ/MA
 Sample : I4064-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 14:51:58 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

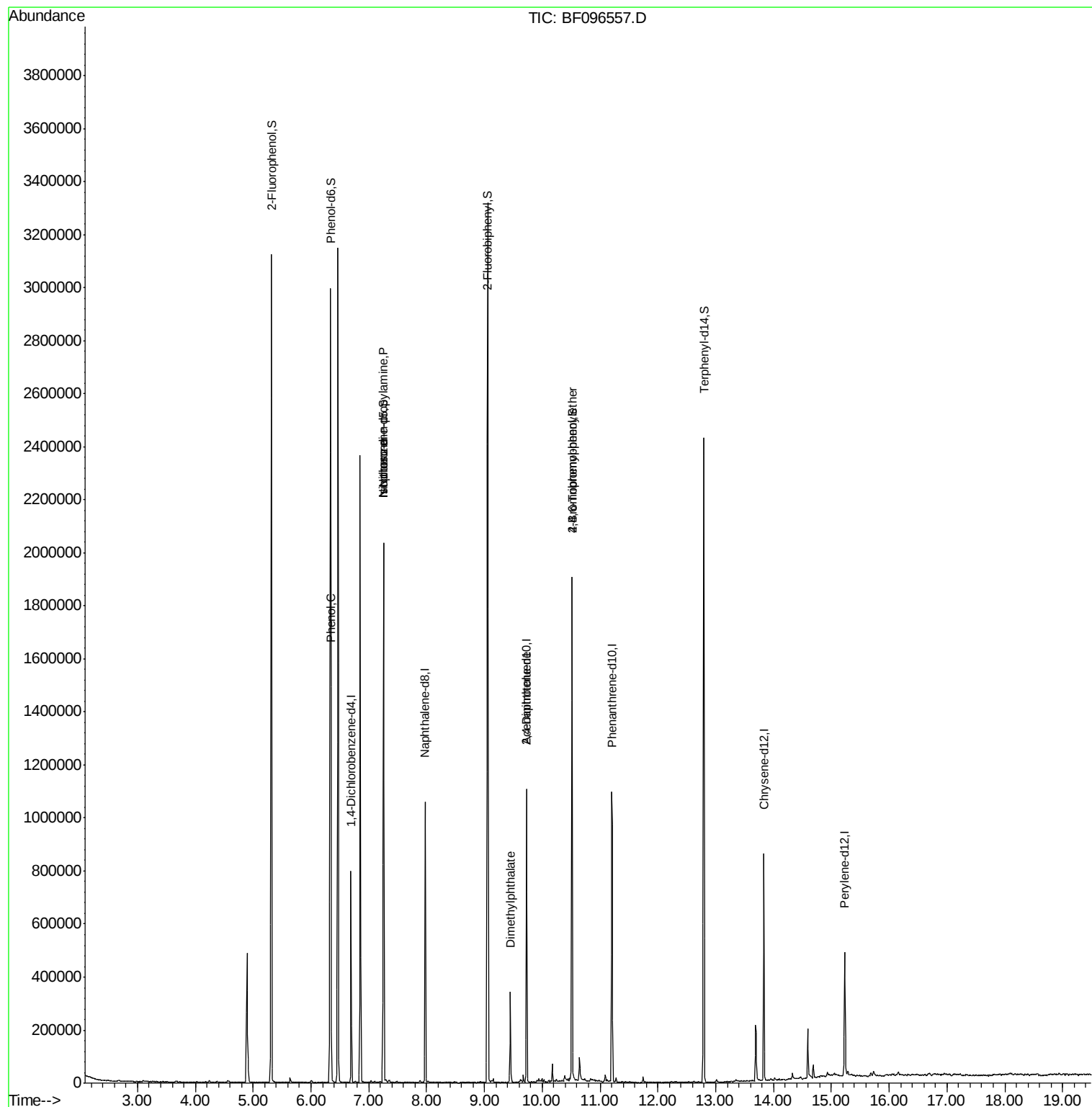
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	121352	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	507926	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	211929	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	399917	20.00	ng	0.00
75) Chrysene-d12	13.83	240	267899	20.00	ng	-0.01
86) Perylene-d12	15.23	264	189504	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	917689	111.62	ng	0.00
7) Phenol-d6	6.34	99	1126344	111.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	669237	79.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	220898	133.44	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1117846	90.18	ng	0.00
78) Terphenyl-d14	12.80	244	862960	68.83	ng	0.00
Target Compounds						
10) Phenol	6.35	94	36341	3.16	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.26	70	87755	14.57	ng	# 85
25) Isophorone	7.26	82	666727	40.68	ng	# 67
49) Dimethylphthalate	9.45	163	124865	7.89	ng	99
56) 2,4-Dinitrotoluene	9.73	165	26891	6.07	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	14501	3.72	ng	# 1

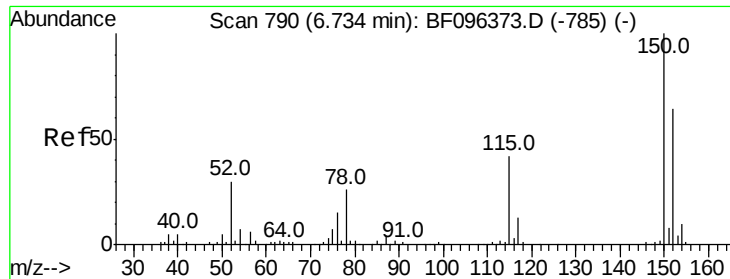
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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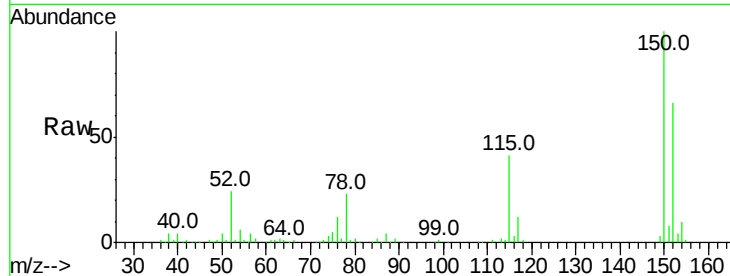


#1

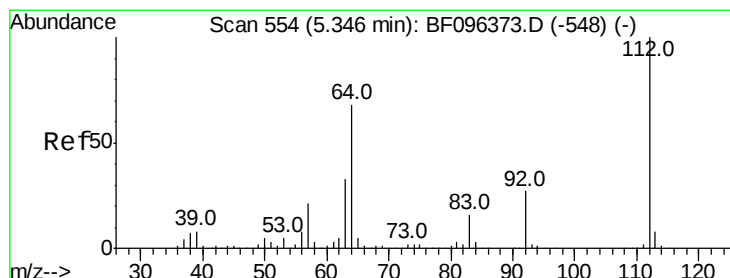
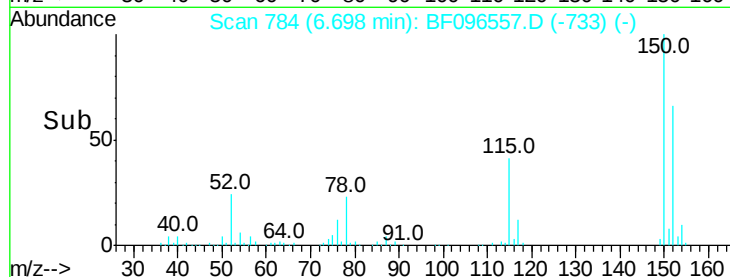
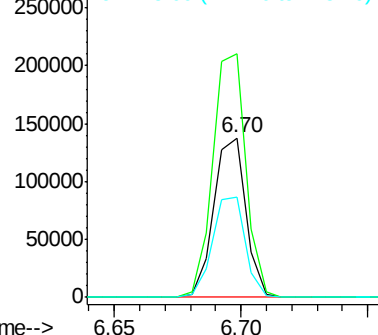
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121352
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 62.9 52.2 78.2



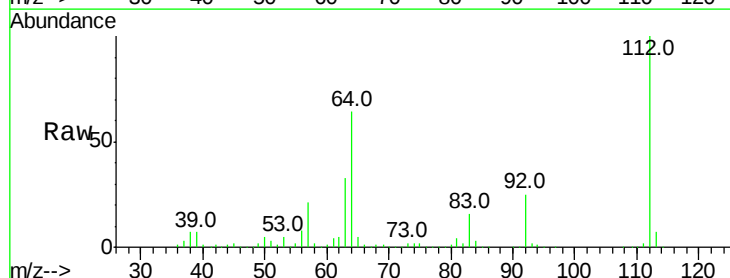
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



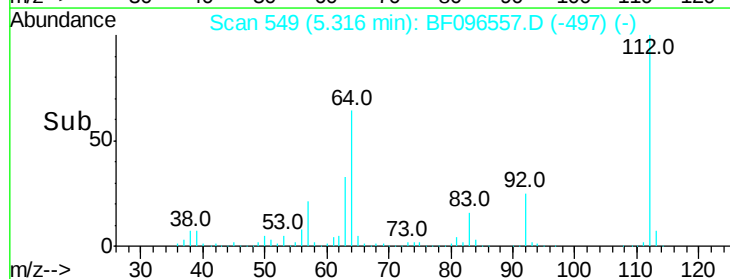
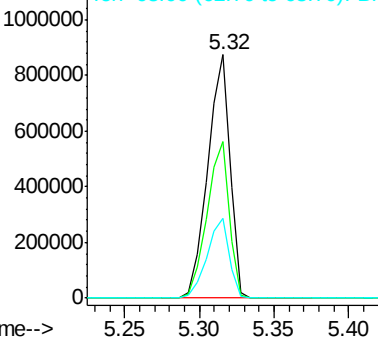
#5

2-Fluorophenol
Concen: 111.62 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Tgt Ion:112 Resp: 917689
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 32.6 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: 111.43 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

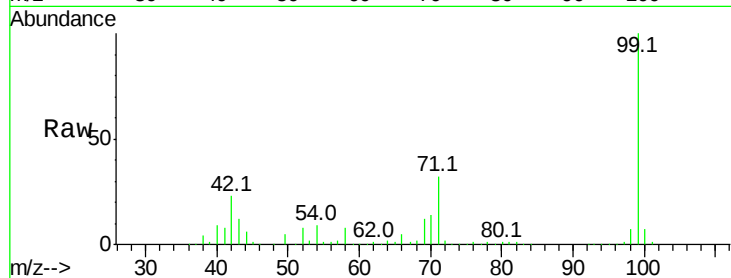
Instrument :

BNA_F

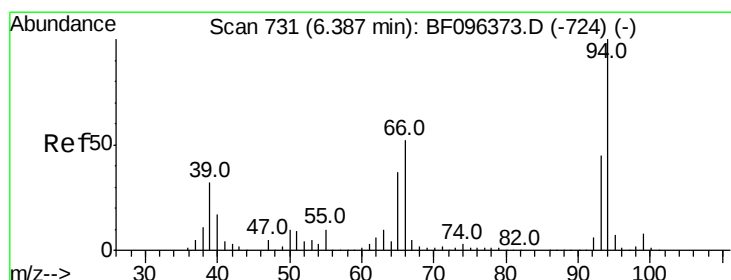
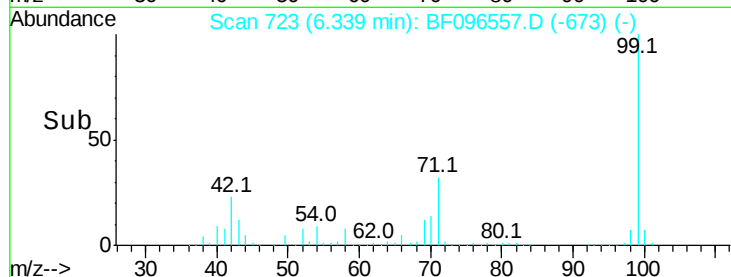
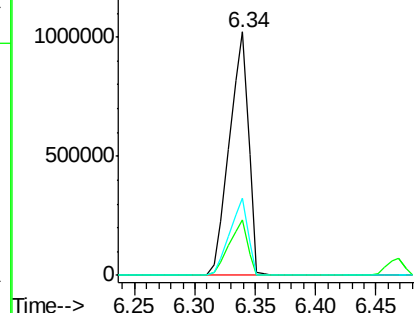
ClientSampleId :

Tot Ion: 99 Resp: 1126344

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.9	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: 3.16 ng

RT: 6.35 min Scan# 725

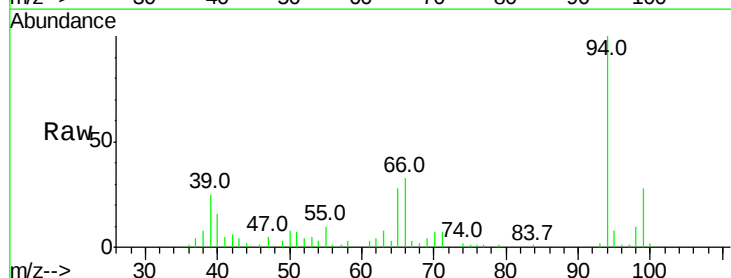
Delta R.T. -0.01 min

Lab File: BF096557.D

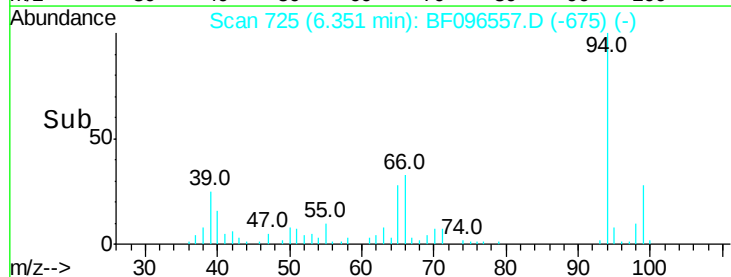
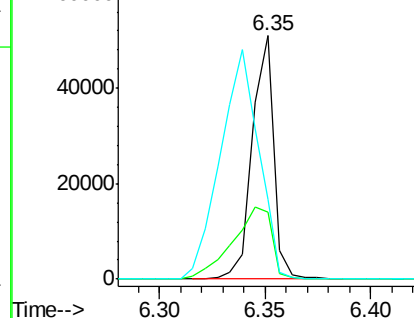
Acq: 7 Jul 2017 14:20

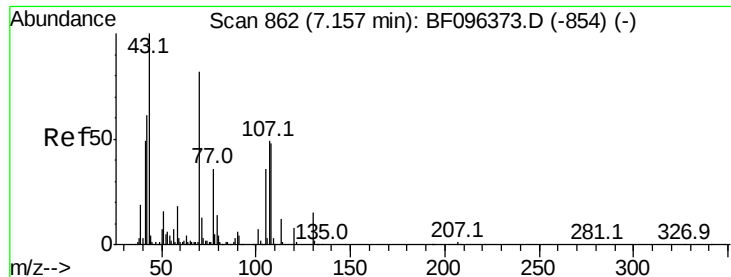
Tgt Ion: 94 Resp: 36341

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	32.7	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

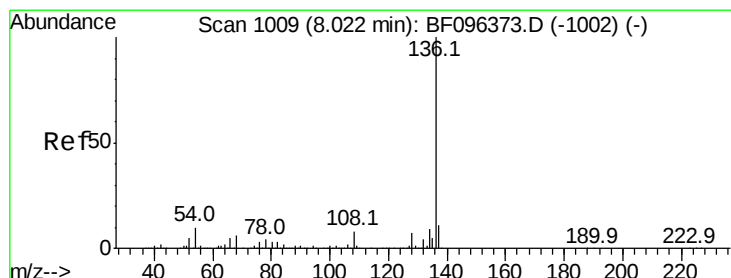
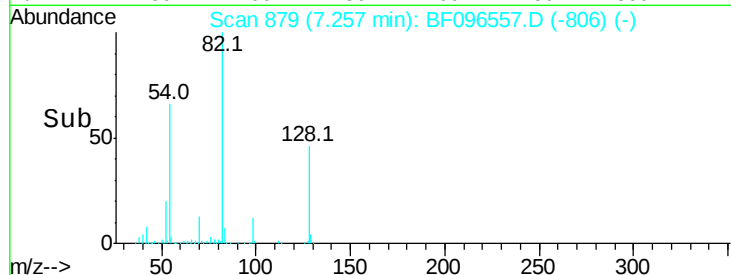
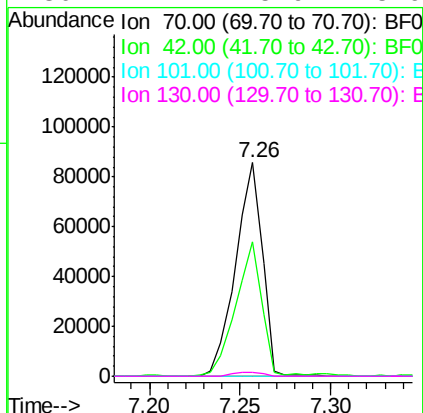
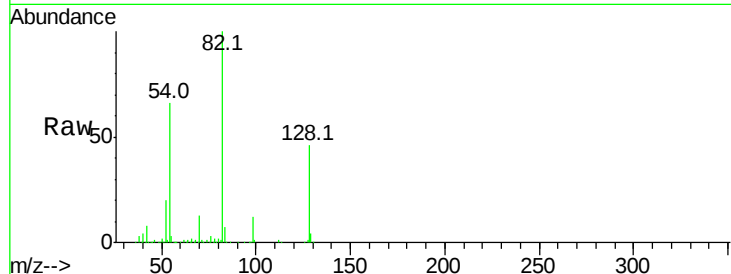




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.57 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.13 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

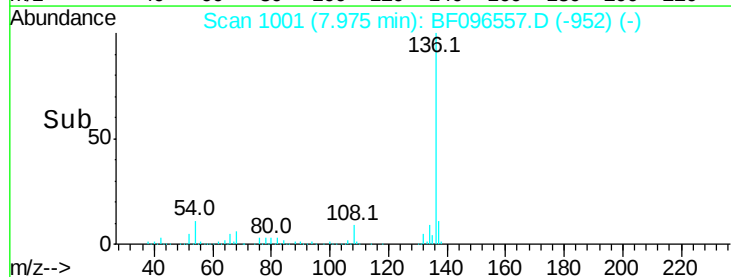
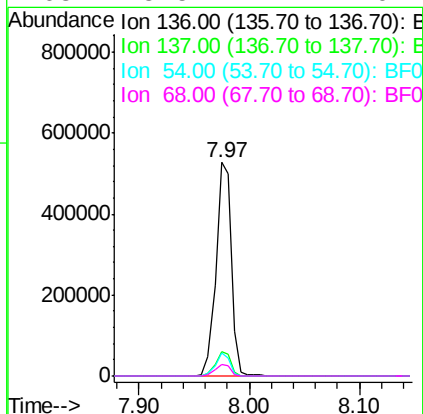
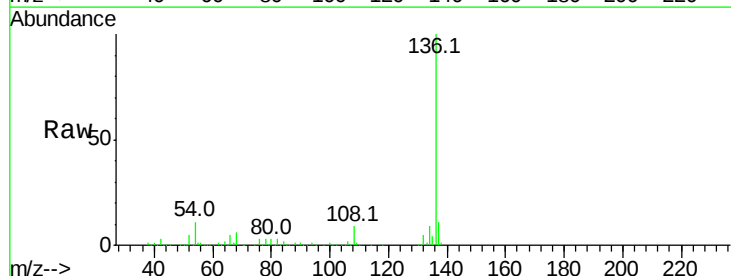
Instrument :
 BNA_F
 ClientSampleId :

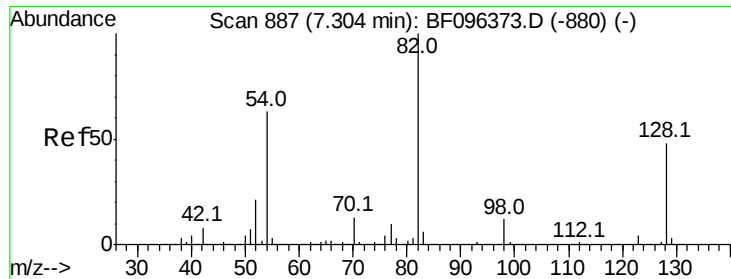
Tot Ion: 70 Resp: 87755
 Ion Ratio Lower Upper
 70 100
 42 63.0 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.1 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Tgt Ion: 136 Resp: 507926
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.5 12.7
 54 10.8 4.9 7.3#
 68 5.5 4.1 6.1

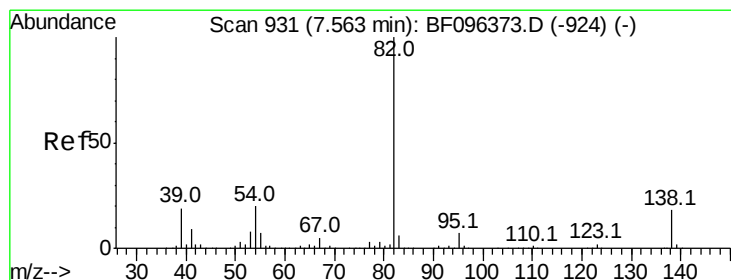
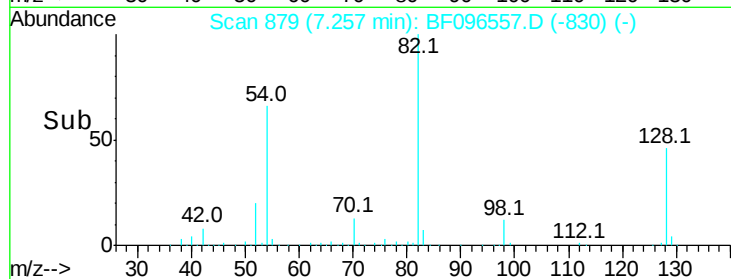
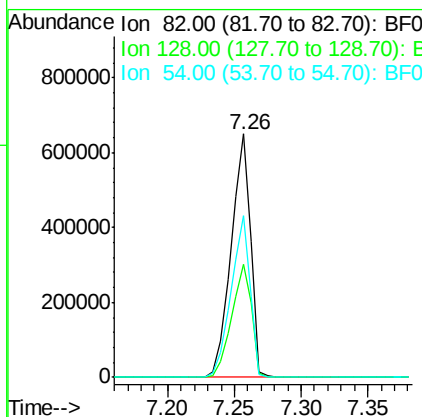
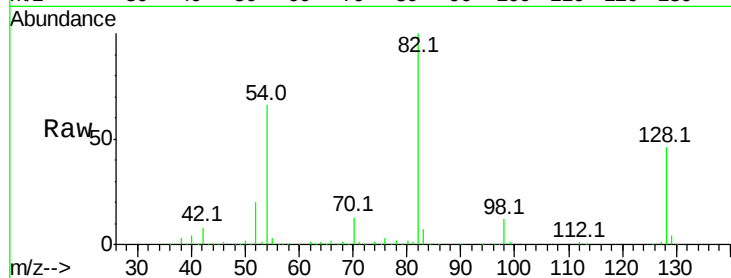




#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

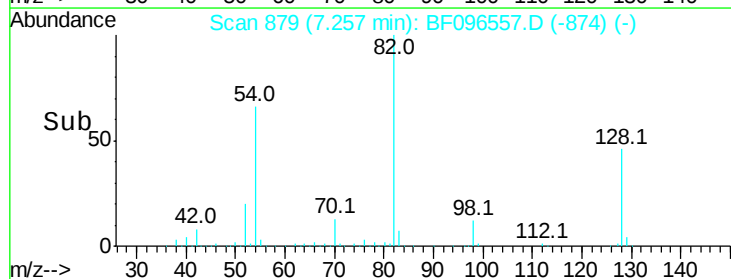
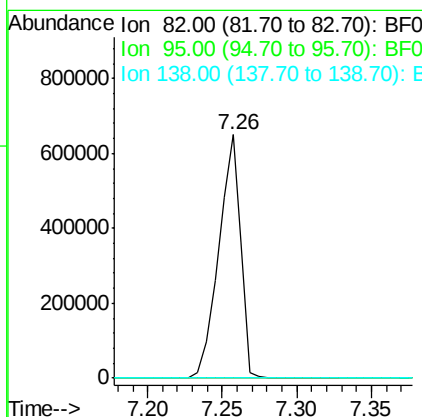
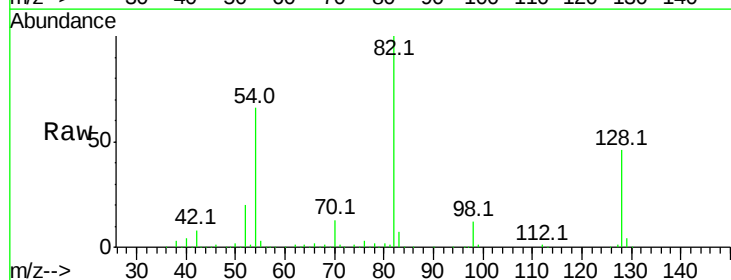
Instrument :
 BNA_F
 ClientSampleId :

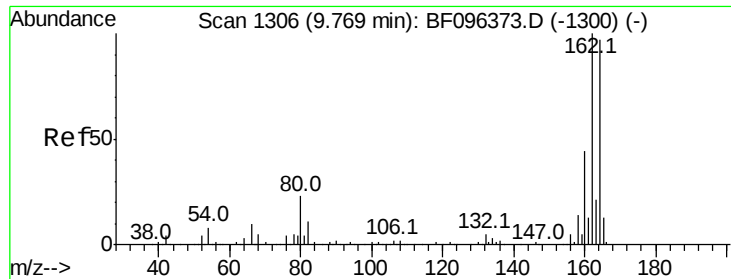
Tot Ion	82	Resp	669237
Ion Ratio	100	Lower	Upper
128	46.4	34.0	51.0
54	66.3	42.2	63.2#



#25
 Isophorone
 Concen: 40.68 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.27 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Tgt Ion	82	Resp	666727
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

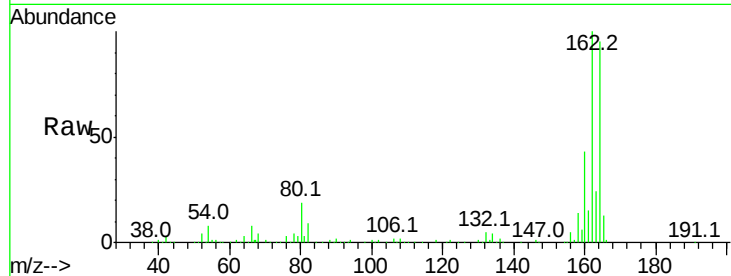




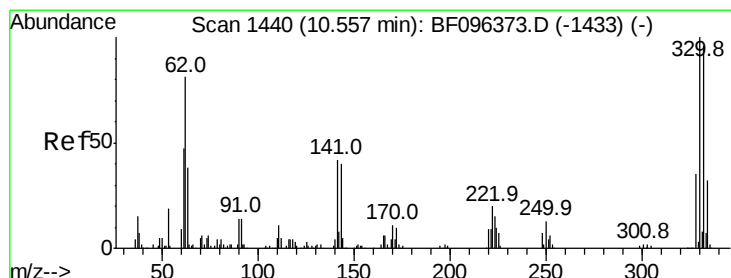
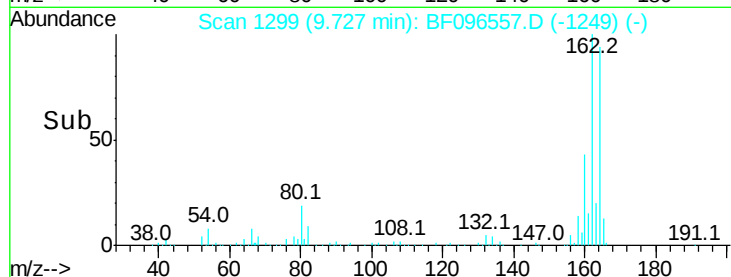
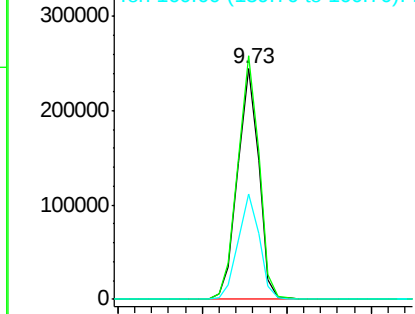
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 211929
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 45.5 36.2 54.2

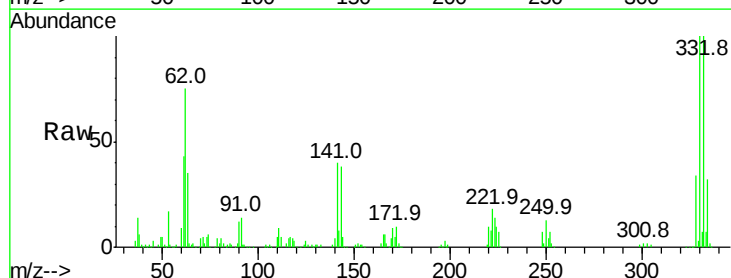


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

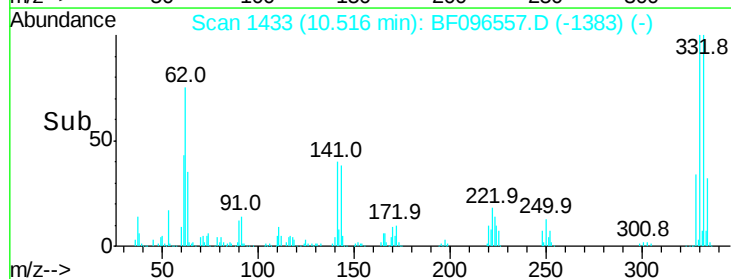
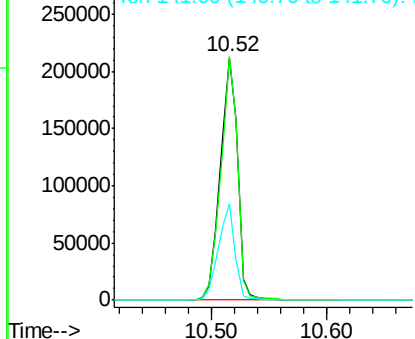


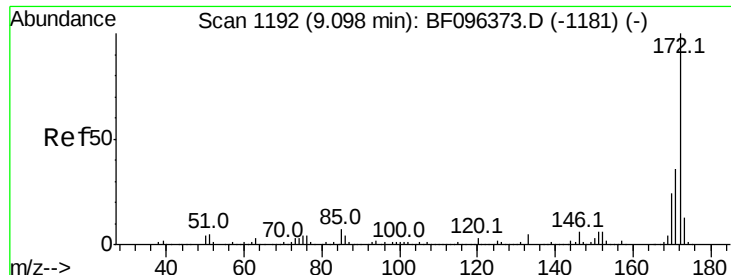
#41
 2,4,6-Tribromophenol
 Concen: 133.44 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096557.D
 Acq: 7 Jul 2017 14:20

Tgt Ion:330 Resp: 220898
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 37.9 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

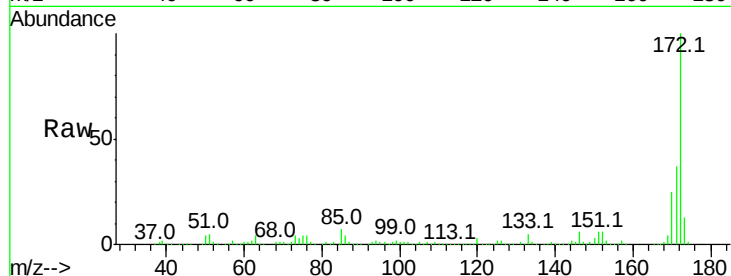




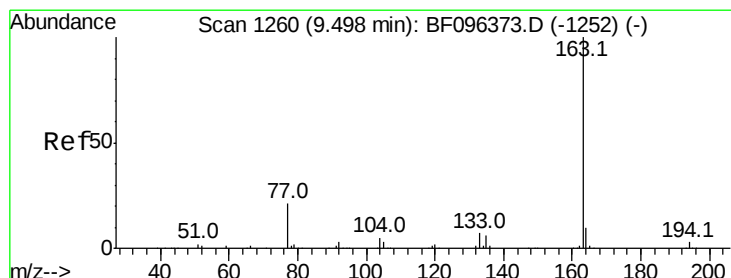
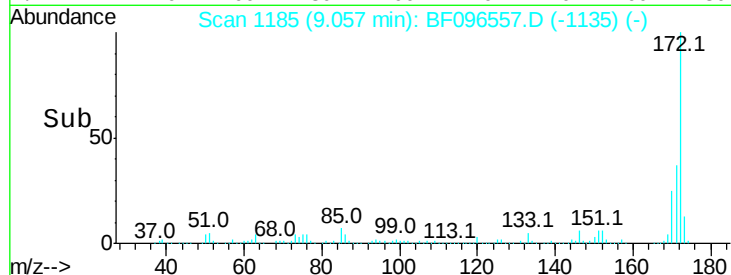
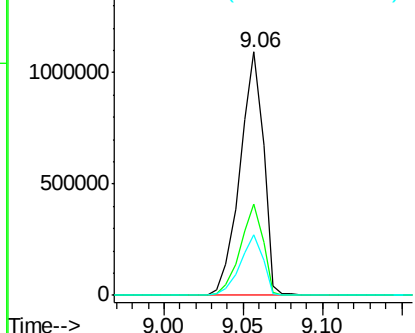
#44
2-Fluorobiphenyl
Concen: 90.18 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1117846
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.9 19.8 29.8

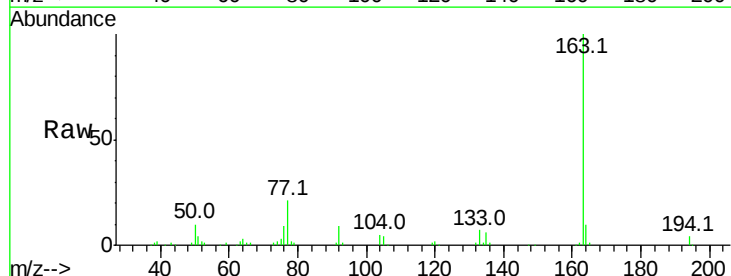


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

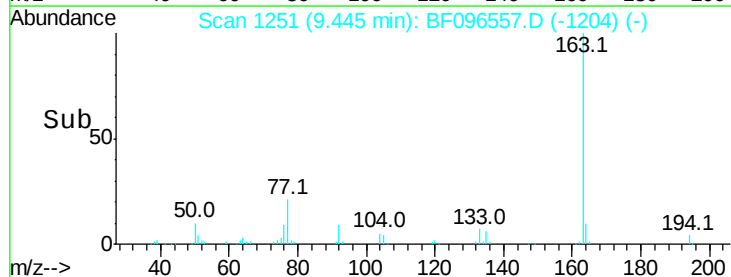
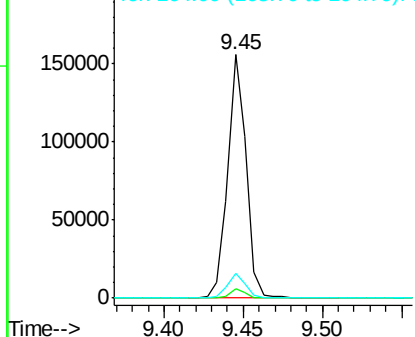


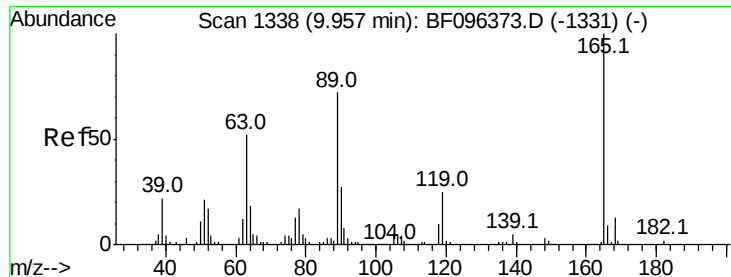
#49
Dimethylphthalate
Concen: 7.89 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Tgt Ion:163 Resp: 124865
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 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: 6.07 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26891

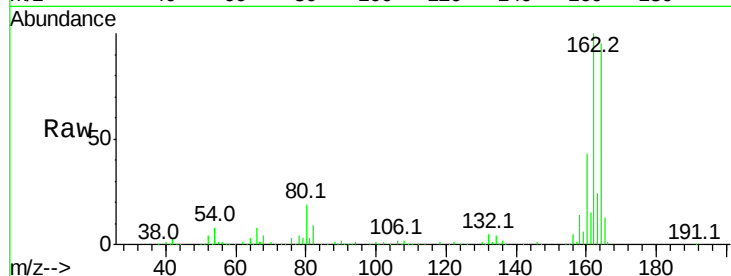
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.0 46.4 69.6#

182 0.0 1.8 2.6#

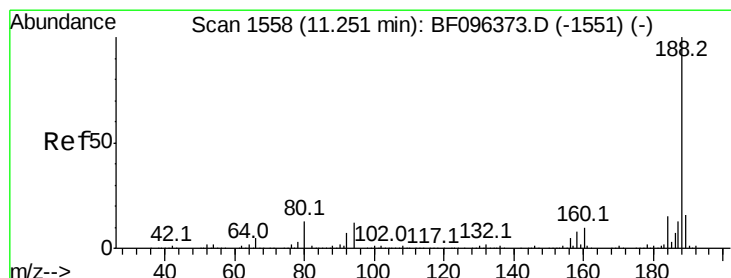
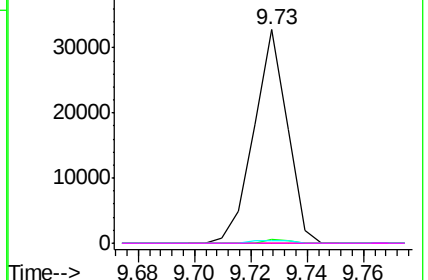
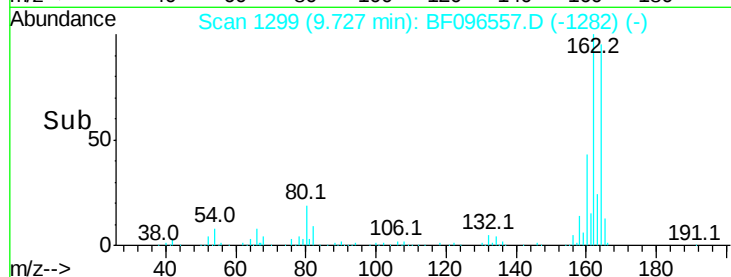


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

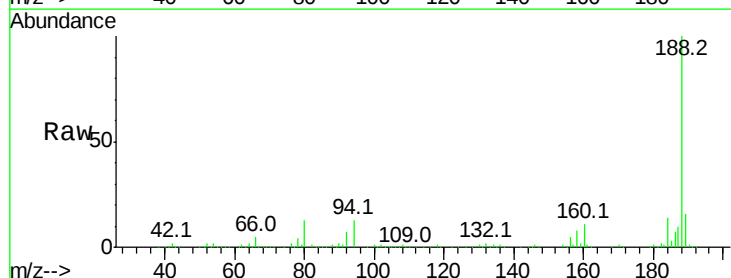
Tgt Ion:188 Resp: 399917

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

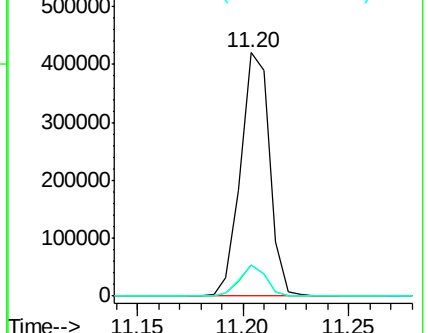
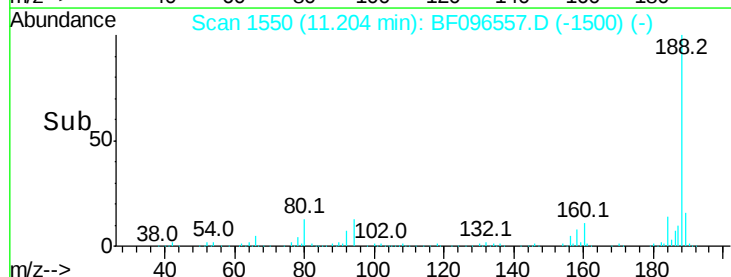
80 12.9 10.2 15.2

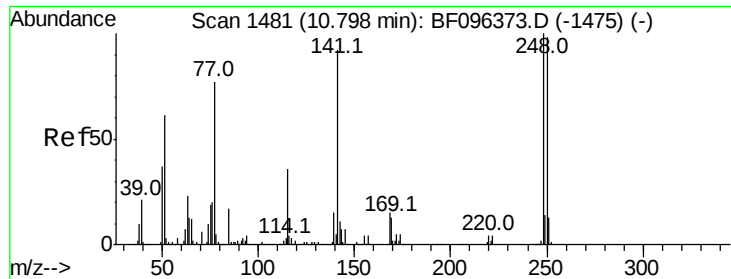


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

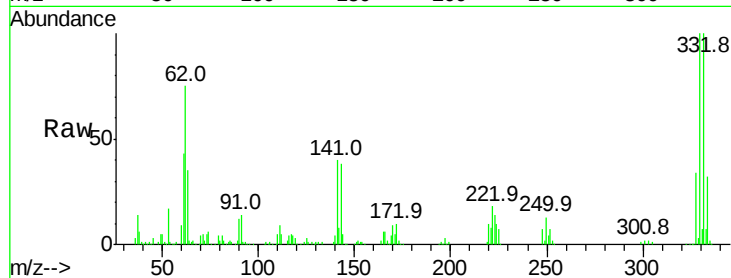




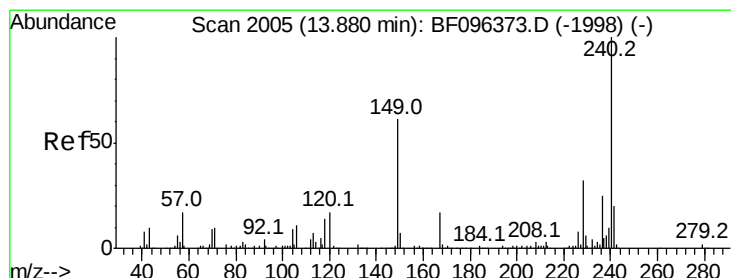
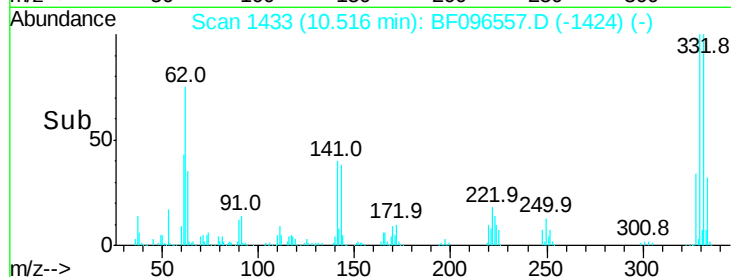
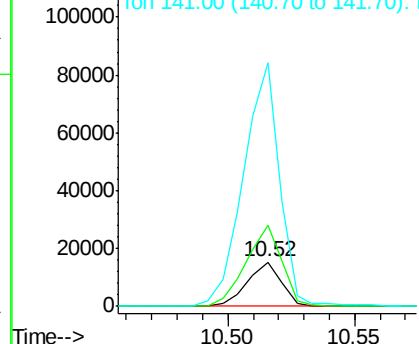
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14501
Ion Ratio Lower Upper
248 100
250 181.5 76.8 115.2#
141 546.8 68.6 103.0#

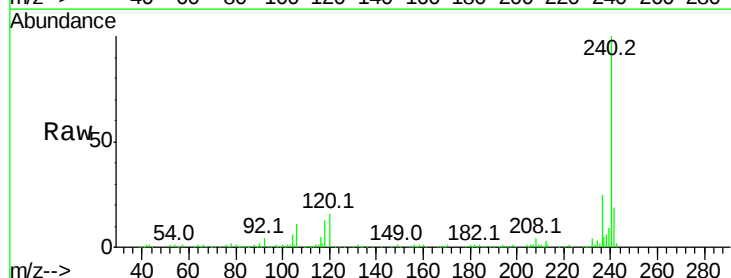


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

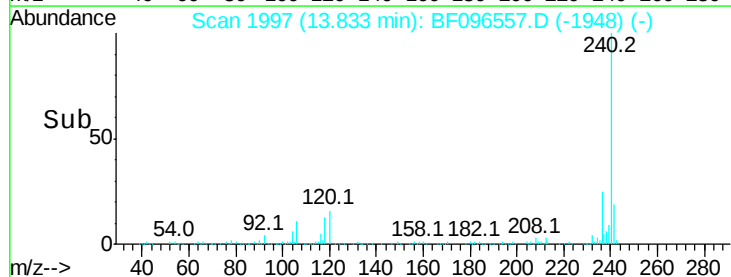
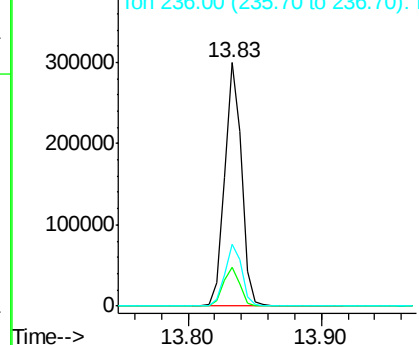


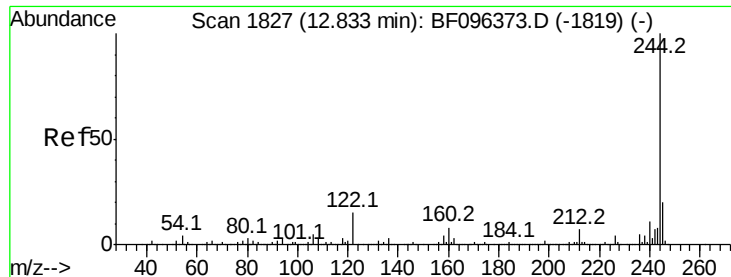
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096557.D
Acq: 7 Jul 2017 14:20

Tgt Ion:240 Resp: 267899
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 25.3 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: 68.83 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

Instrument :

BNA_F

ClientSampleId :

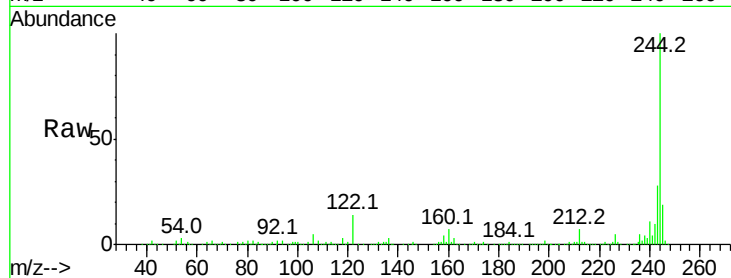
Tot Ion:244 Resp: 862960

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

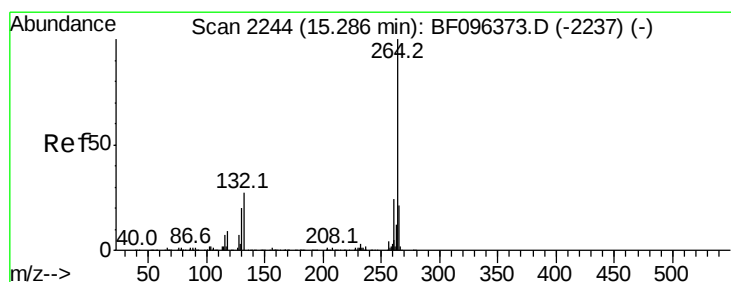
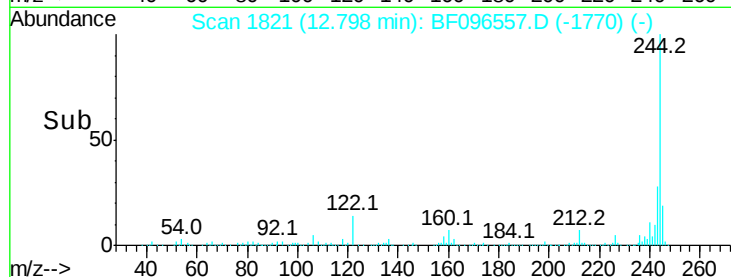
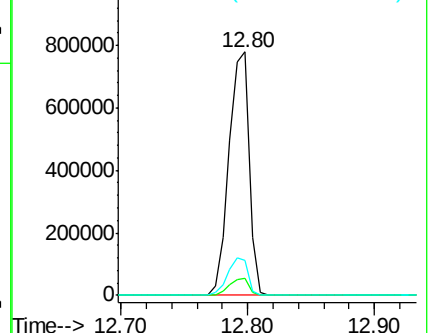
122 14.2 10.3 15.5



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: 20.00 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF096557.D

Acq: 7 Jul 2017 14:20

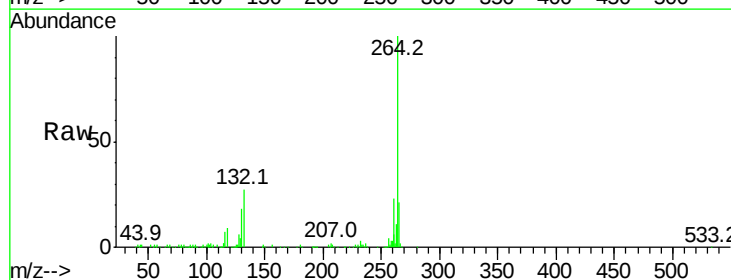
Tgt Ion:264 Resp: 189504

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.0 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

