

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096457.D
 Acq On : 4 Jul 2017 00:02
 Operator : SJ/MA
 Sample : I3997-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:17:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

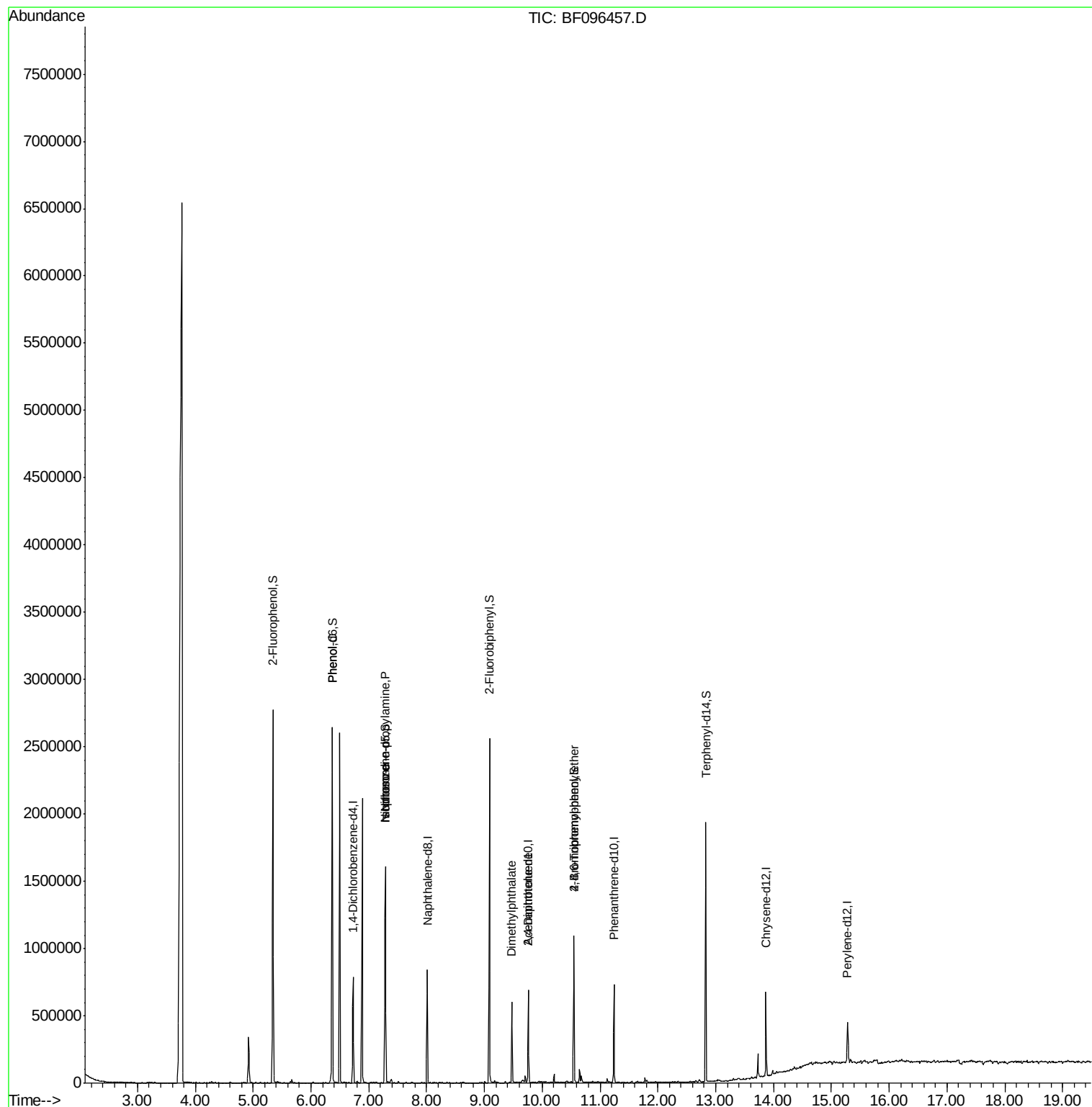
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	105299	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	363102	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	140611	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	234103	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	195898	20.00	ng	-0.01
86) Perylene-d12	15.28	264	122675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	762776	106.92	ng	0.00
7) Phenol-d6	6.37	99	880291	100.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	465508	77.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	112475	102.40	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	759426	92.34	ng	-0.01
78) Terphenyl-d14	12.83	244	557247	60.78	ng	0.00
Target Compounds						
10) Phenol	6.37	94	24220	2.42	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.29	70	60274	11.54	ng	# 88
25) Isophorone	7.29	82	462032	39.44	ng	# 67
49) Dimethylphthalate	9.47	163	228326	21.75	ng	98
56) 2,4-Dinitrotoluene	9.76	165	17885	6.08	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	6758	2.97	ng	# 1

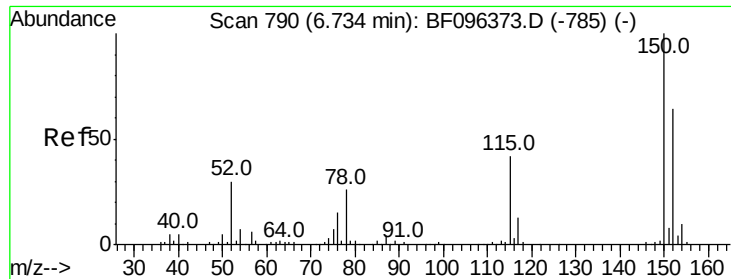
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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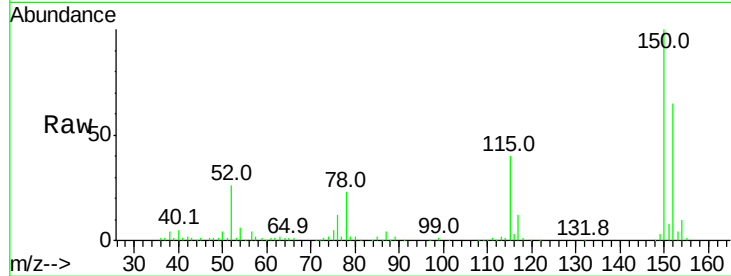


#1

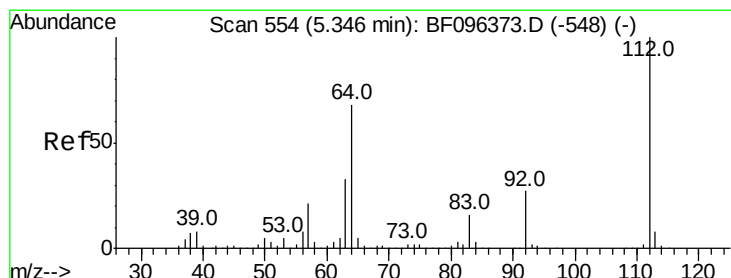
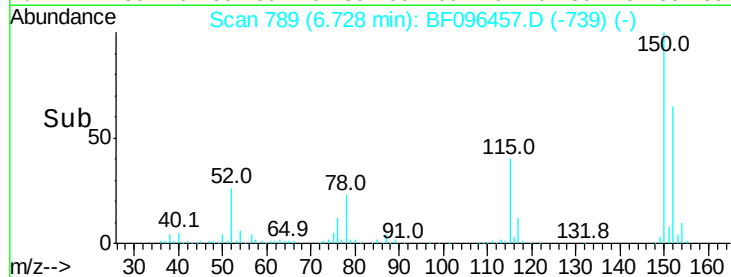
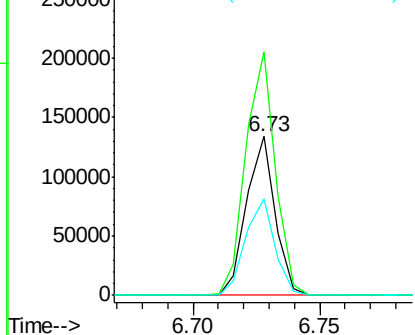
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105299
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 60.8 52.2 78.2



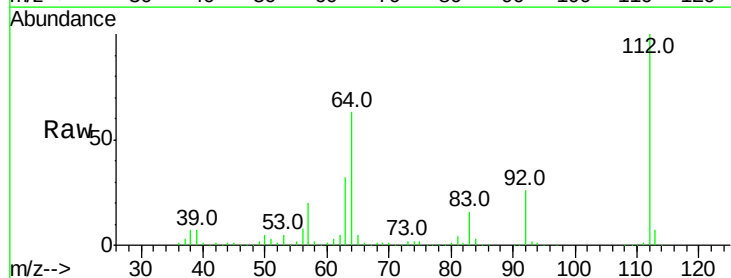
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



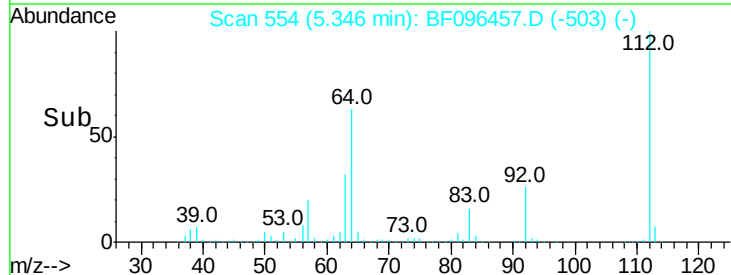
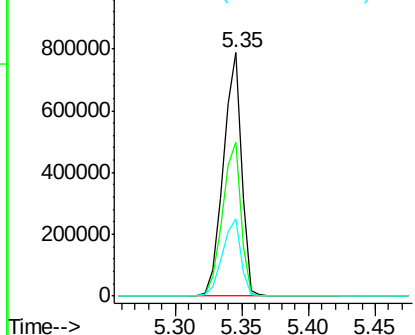
#5

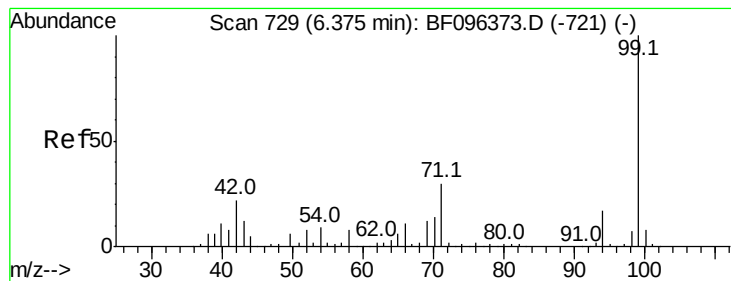
2-Fluorophenol
Concen: 106.92 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Tgt Ion:112 Resp: 762776
Ion Ratio Lower Upper
112 100
64 63.0 46.0 69.0
63 31.5 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: 100.37 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096457.D

Acq: 4 Jul 2017 00:02

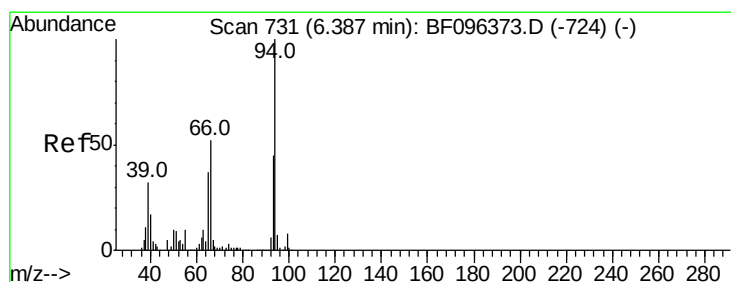
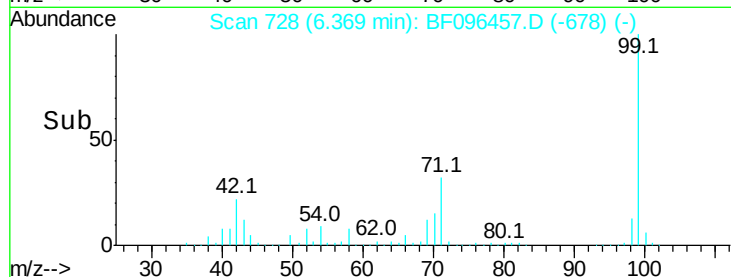
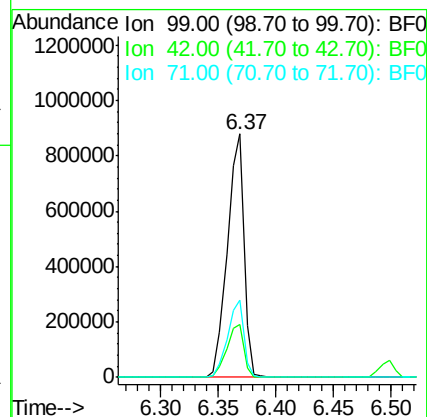
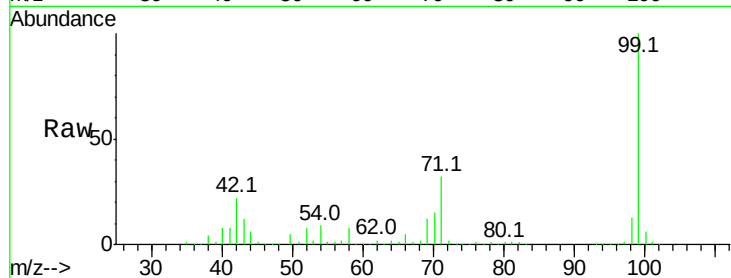
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 880291

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.8	24.5	36.7



#10

Phenol

Concen: 2.42 ng

RT: 6.37 min Scan# 729

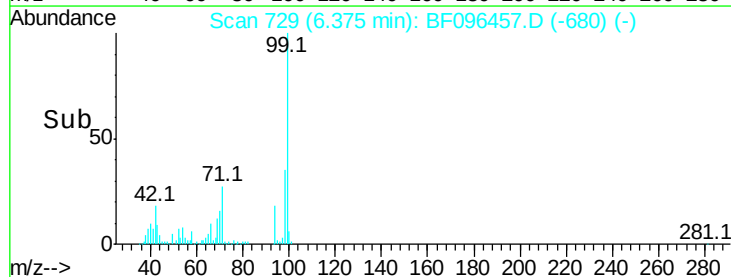
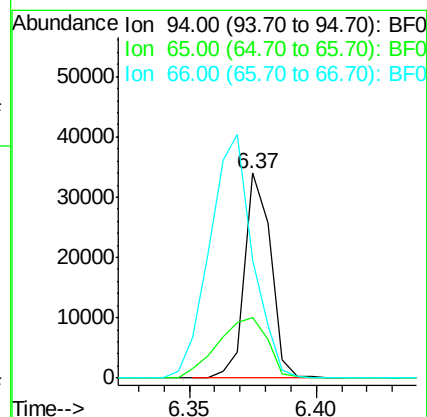
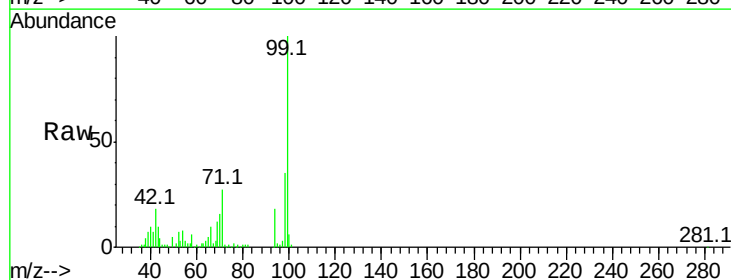
Delta R.T. -0.01 min

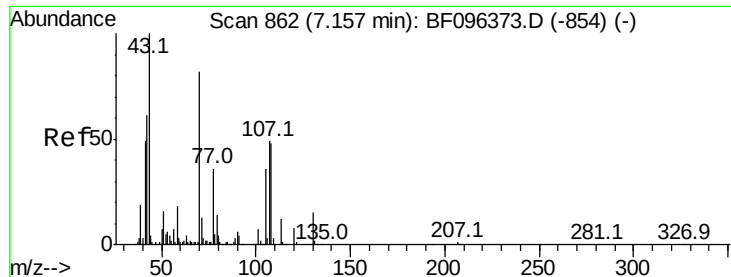
Lab File: BF096457.D

Acq: 4 Jul 2017 00:02

Tgt Ion: 94 Resp: 24220

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.9	49.9
66	57.4	23.1	63.1

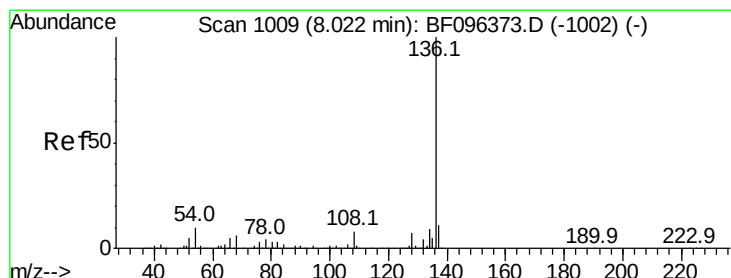
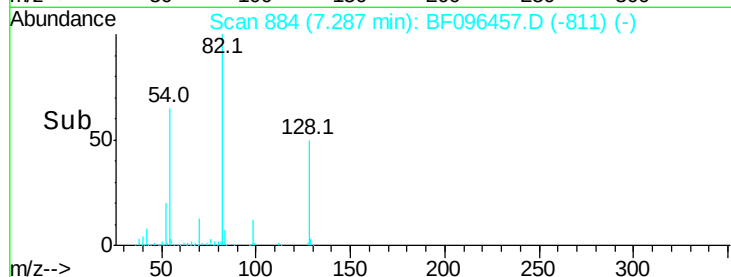
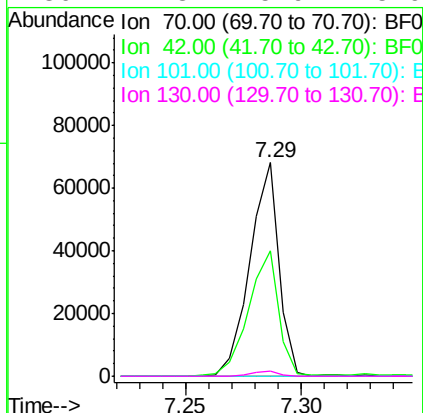
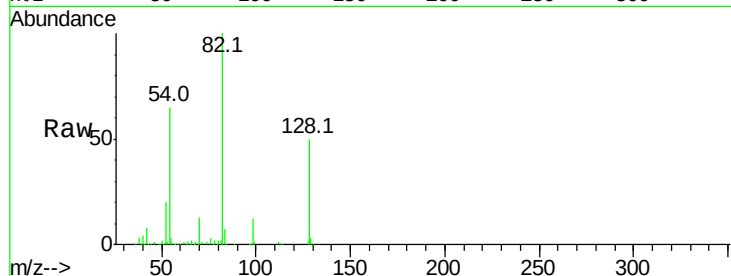




#19
n-Nitroso-di-n-propylamine
Concen: 11.54 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

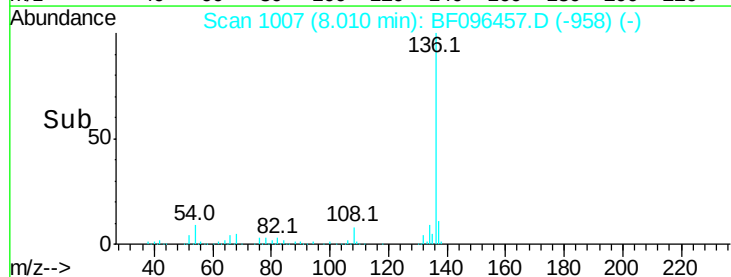
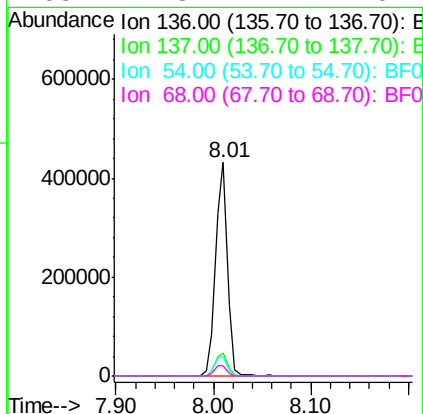
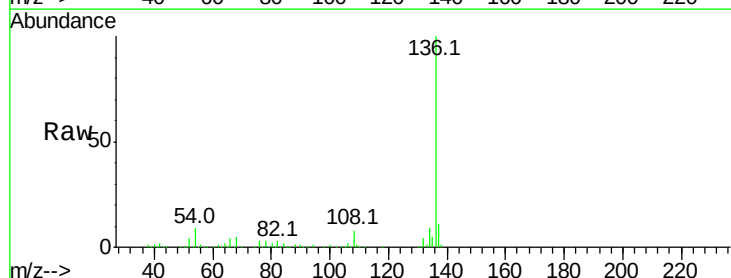
Instrument :
BNA_F
ClientSampleId :

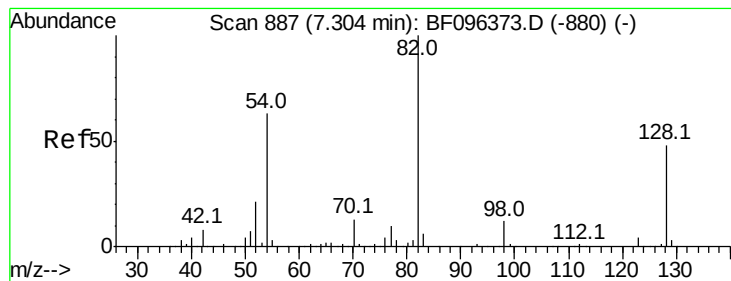
Tot Ion: 70 Resp: 60274
Ion Ratio Lower Upper
70 100
42 58.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Tgt Ion:136 Resp: 363102
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.3 4.9 7.3#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.04 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096457.D

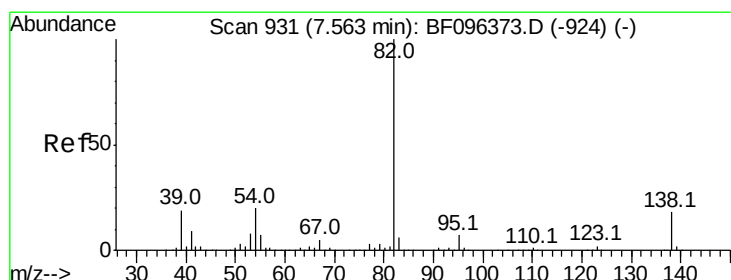
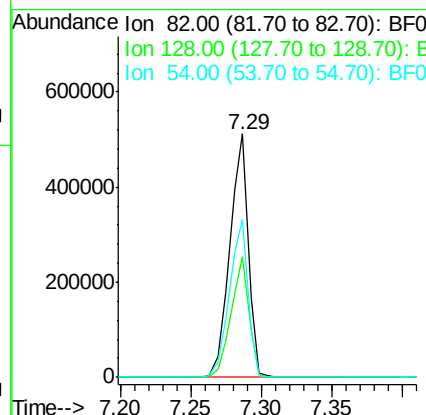
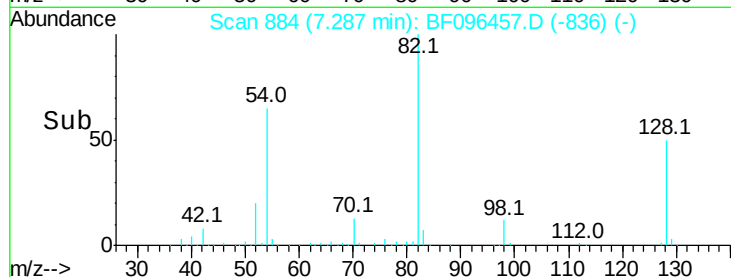
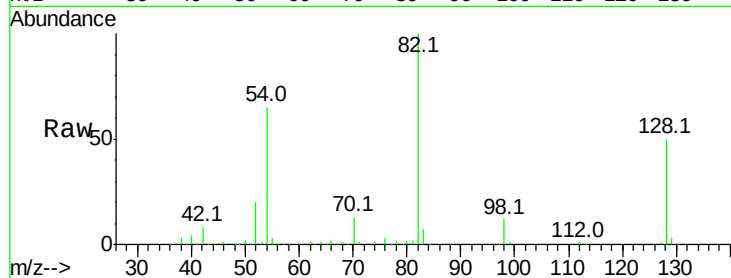
Acq: 4 Jul 2017 00:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	465508
Ion Ratio	Lower	Upper	
82	100		
128	49.6	34.0	51.0
54	65.0	42.2	63.2#



#25

Isophorone

Concen: 39.44 ng

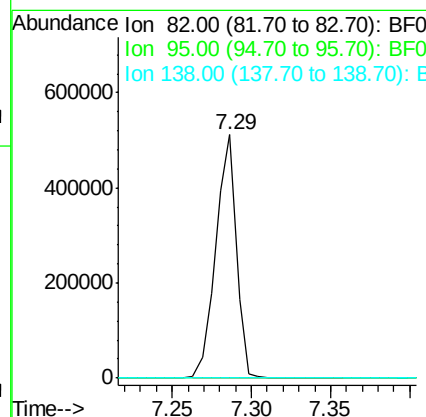
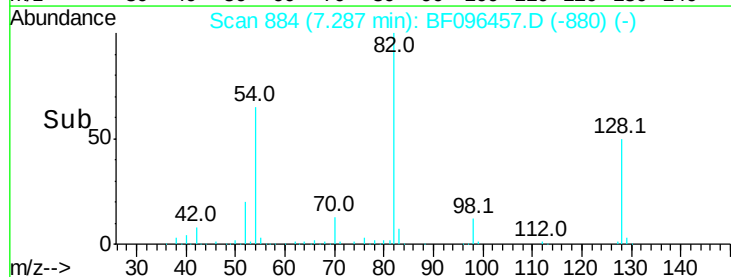
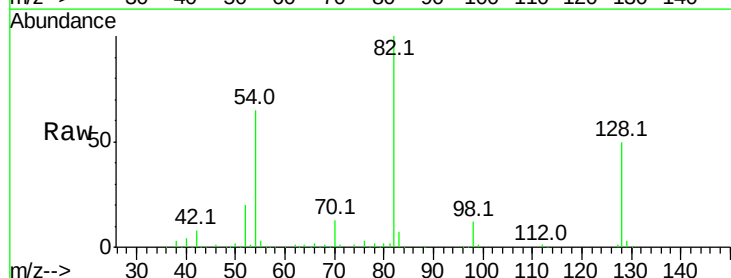
RT: 7.29 min Scan# 884

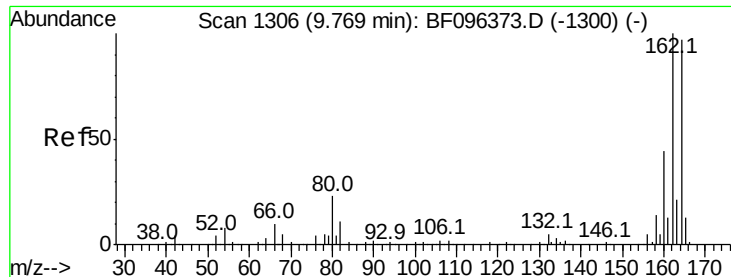
Delta R.T. -0.28 min

Lab File: BF096457.D

Acq: 4 Jul 2017 00:02

Tgt Ion:	82	Resp:	462032
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

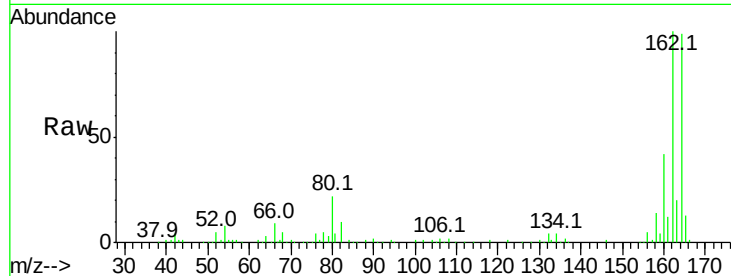




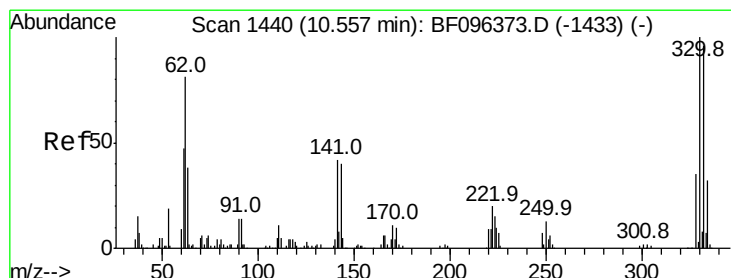
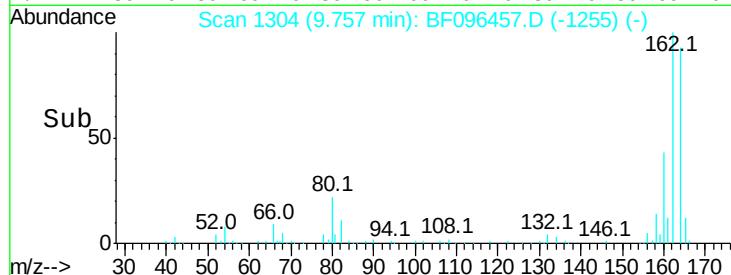
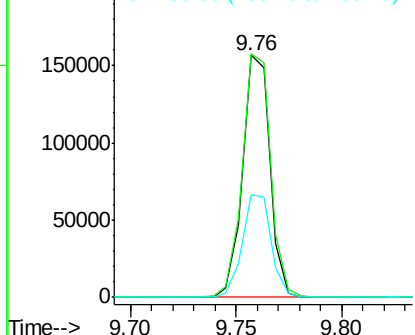
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 140611
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 42.7 36.2 54.2

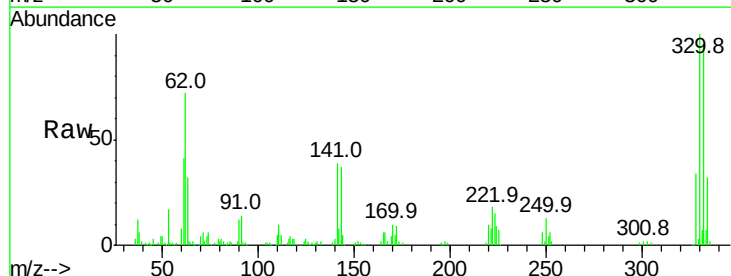


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

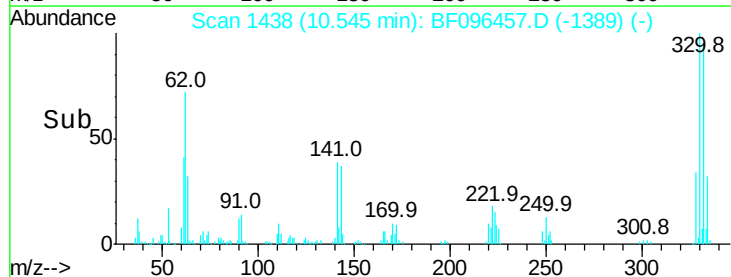
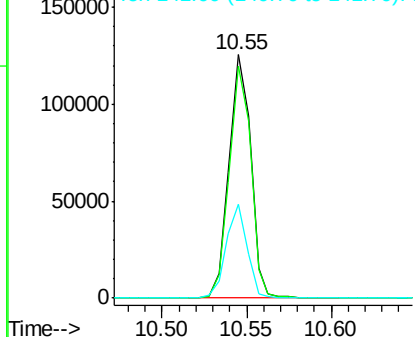


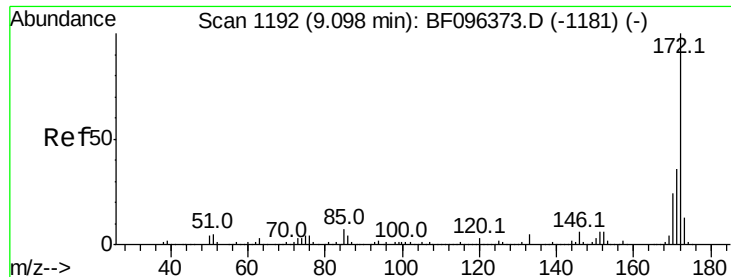
#41
2,4,6-Tribromophenol
Concen: 102.40 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Tgt Ion:330 Resp: 112475
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 37.2 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

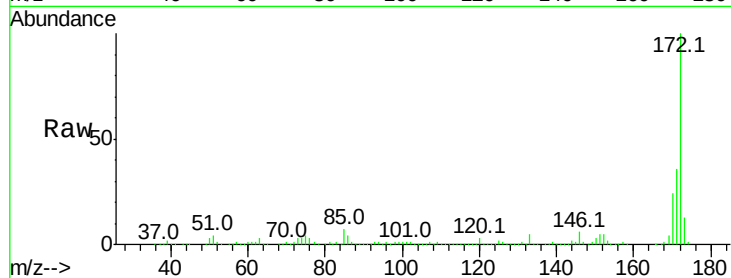




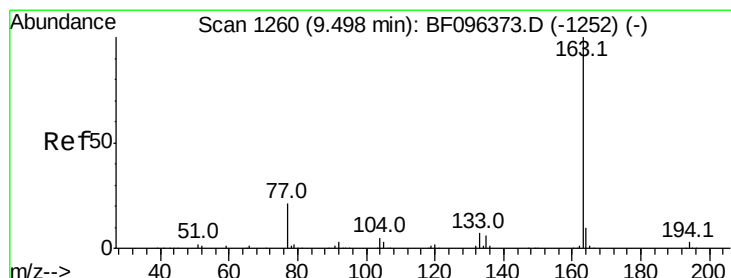
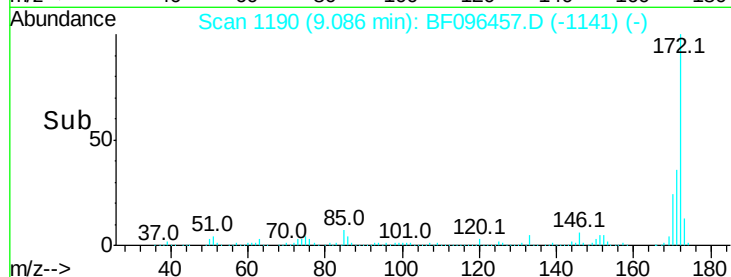
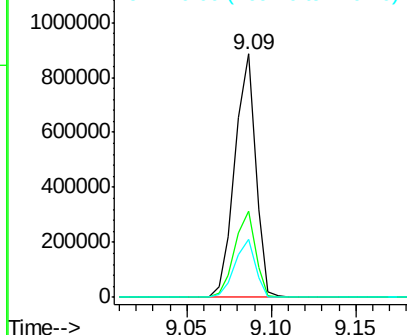
#44
 2-Fluorobiphenyl
 Concen: 92.34 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096457.D
 Acq: 4 Jul 2017 00:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.1	19.8	29.8

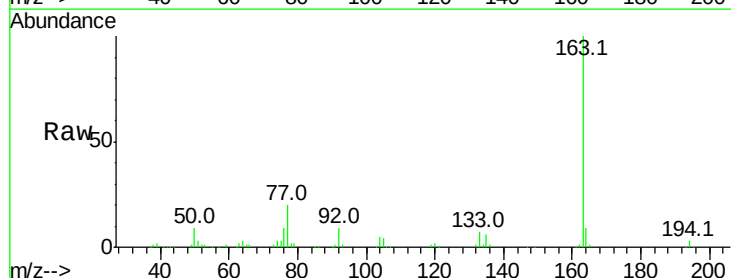


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

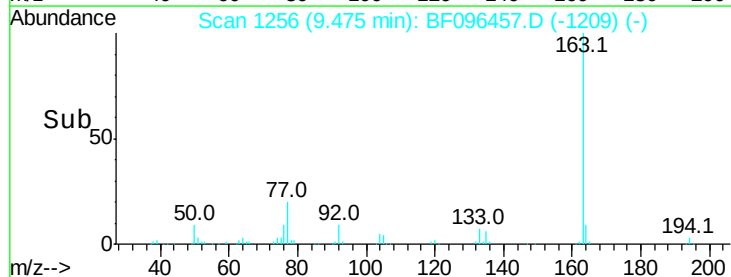
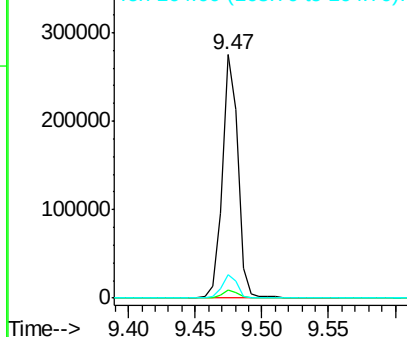


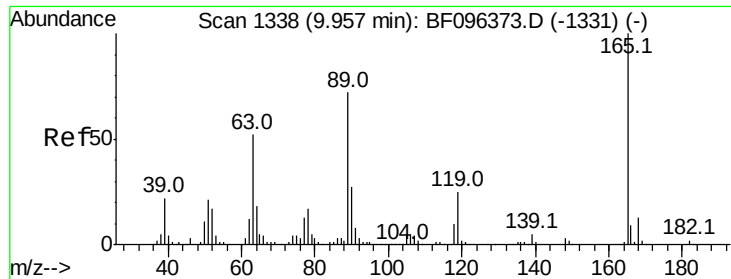
#49
 Dimethylphthalate
 Concen: 21.75 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF096457.D
 Acq: 4 Jul 2017 00:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.4	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

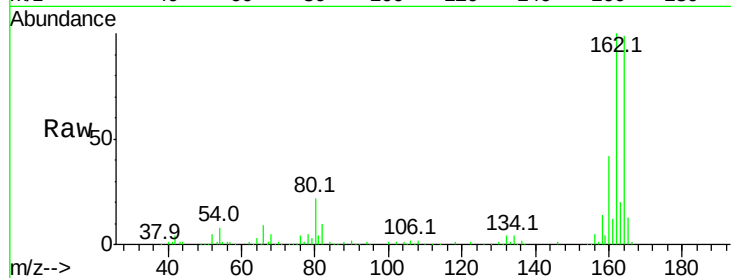




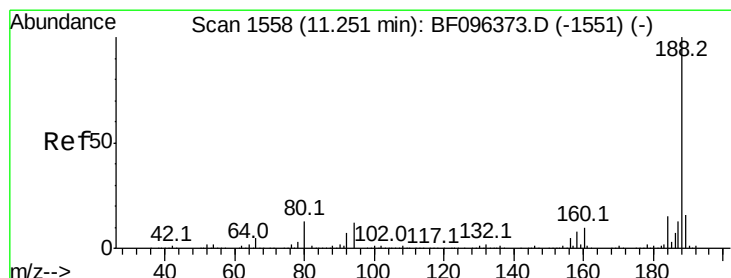
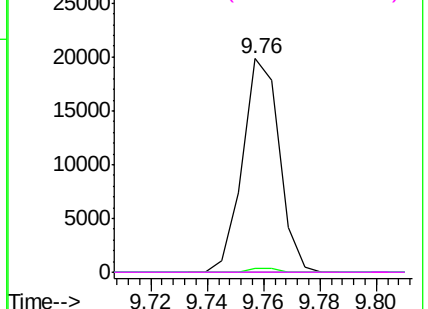
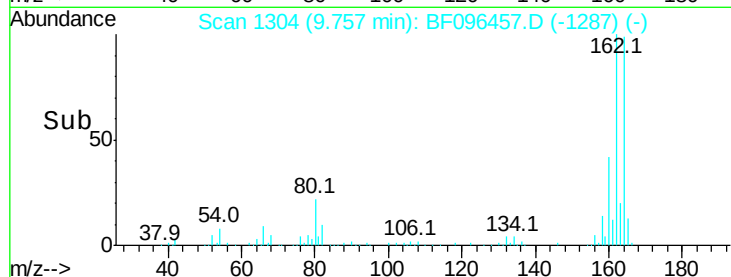
#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF096457.D
 Acq: 4 Jul 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17885
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

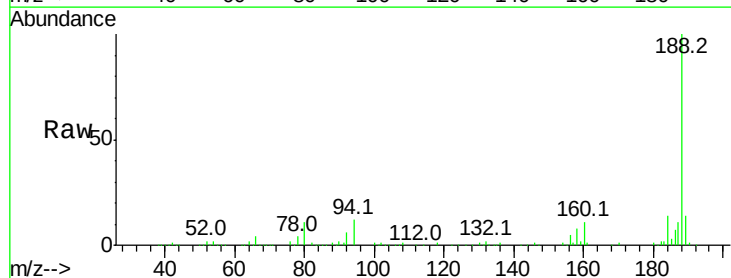


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

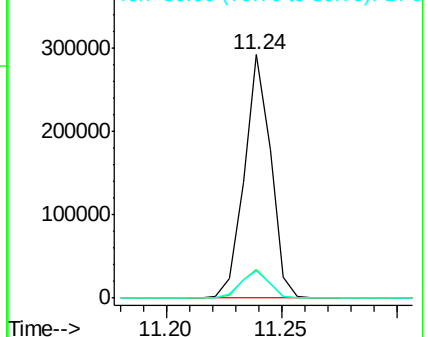
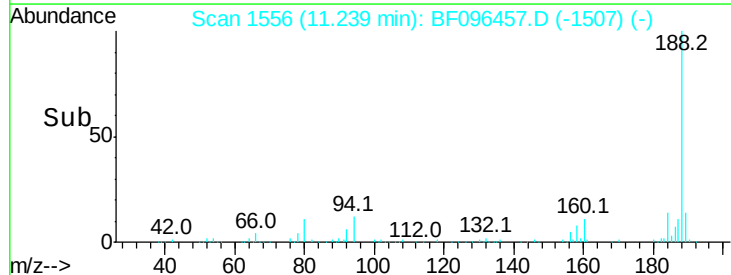


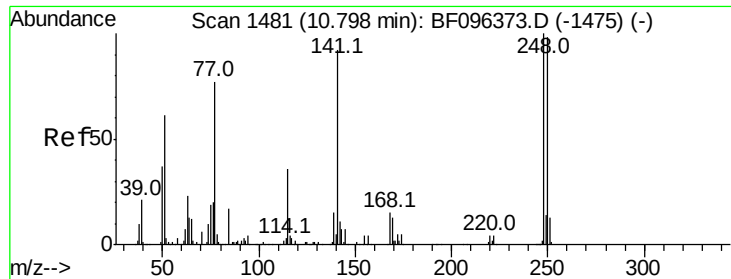
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF096457.D
 Acq: 4 Jul 2017 00:02

Tgt Ion:188 Resp: 234103
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 11.2 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

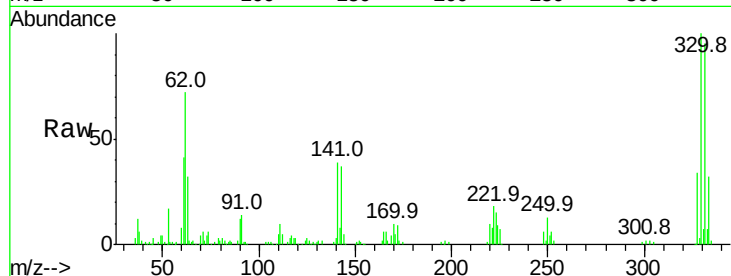




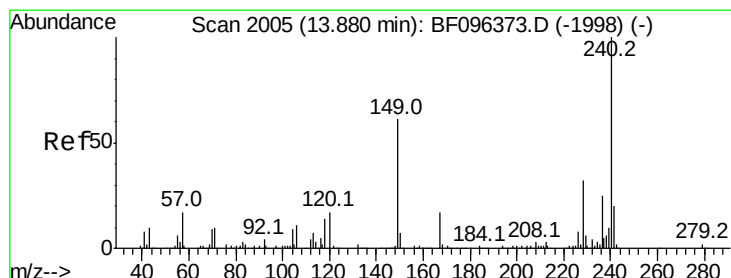
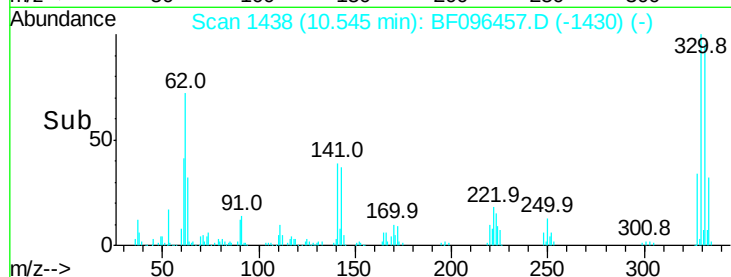
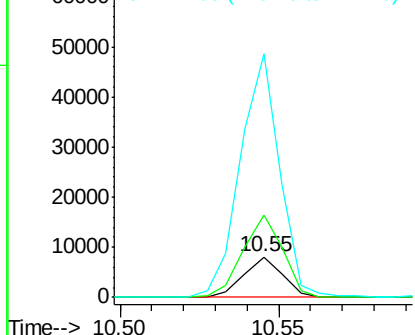
#66
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6758
Ion Ratio Lower Upper
248 100
250 203.6 76.8 115.2#
141 598.3 68.6 103.0#

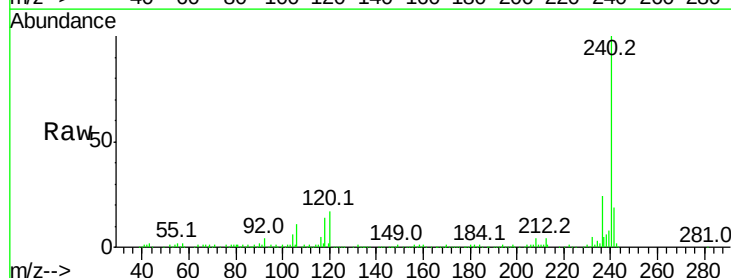


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

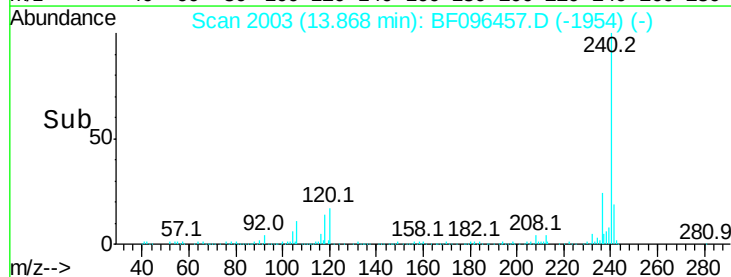
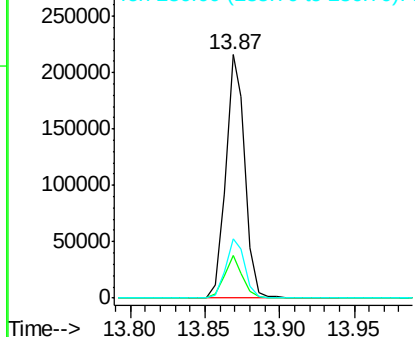


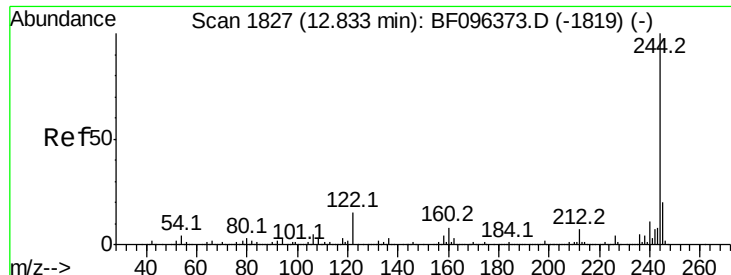
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096457.D
Acq: 4 Jul 2017 00:02

Tgt Ion:240 Resp: 195898
Ion Ratio Lower Upper
240 100
120 17.3 5.8 8.8#
236 24.5 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: 60.78 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096457.D

Acq: 4 Jul 2017 00:02

Instrument :

BNA_F

ClientSampleId :

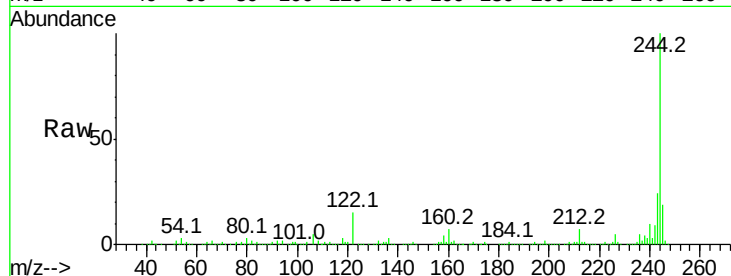
Tot Ion:244 Resp: 557247

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

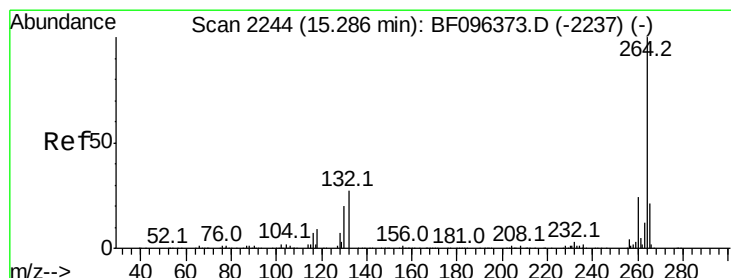
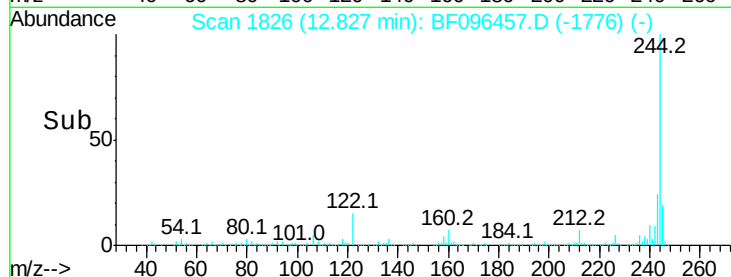
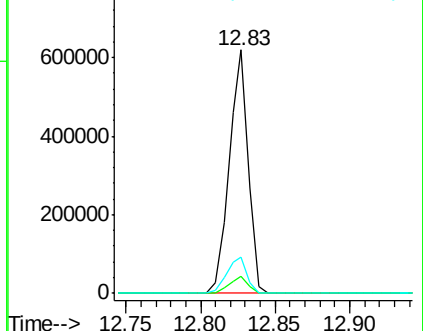
122 14.8 10.3 15.5



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF096457.D

Acq: 4 Jul 2017 00:02

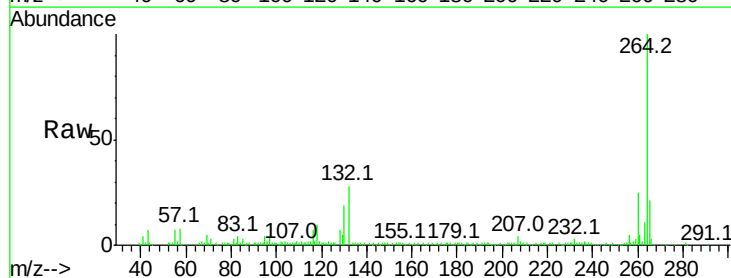
Tgt Ion:264 Resp: 122675

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.3 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

