

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096447.D
 Acq On : 3 Jul 2017 18:01
 Operator : SJ/MA
 Sample : I3979-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 01:14:06 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

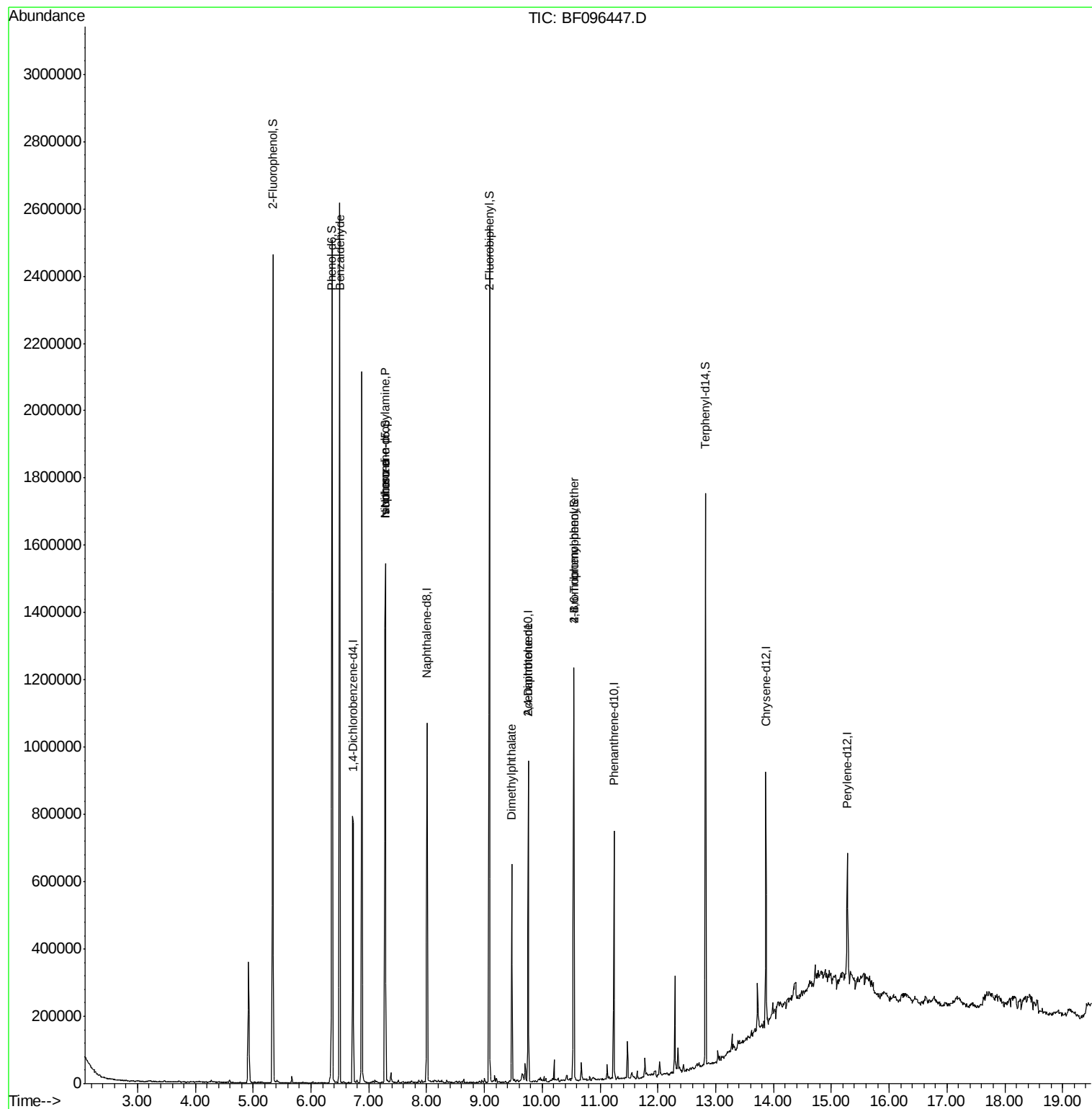
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114695	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	496684	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	176464	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	260307	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	236040	20.00	ng	-0.01
86) Perylene-d12	15.28	264	164670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	737282	94.88	ng	0.00
7) Phenol-d6	6.36	99	885445	92.69	ng	-0.01
23) Nitrobenzene-d5	7.29	82	473336	57.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	130717	94.83	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	841853	81.57	ng	-0.01
78) Terphenyl-d14	12.82	244	522545	47.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	13654	2.28	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.29	70	62902	11.05	ng	# 85
25) Isophorone	7.29	82	470746	29.37	ng	# 67
49) Dimethylphthalate	9.47	163	229458	17.42	ng	99
56) 2,4-Dinitrotoluene	9.76	165	21681	5.88	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	8125	3.21	ng	# 1

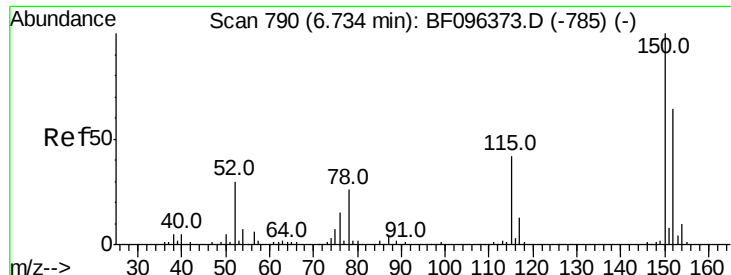
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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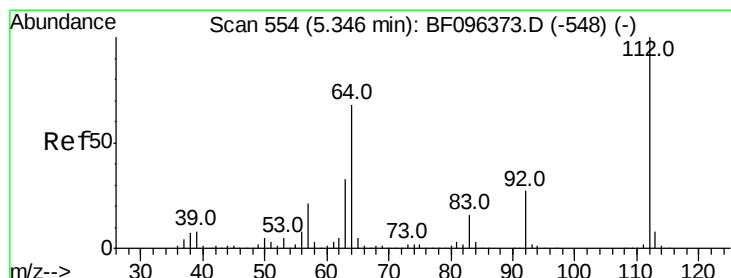
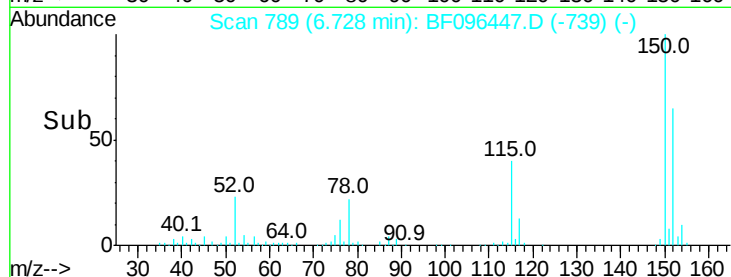
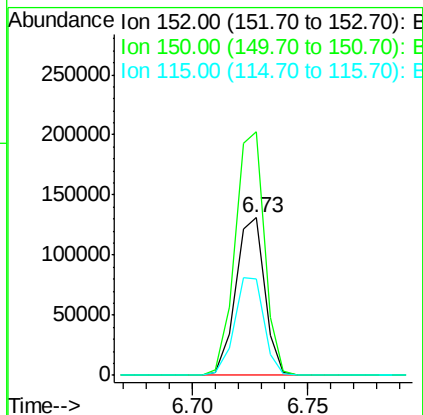
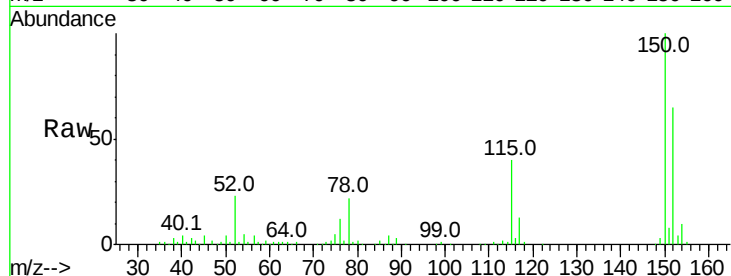


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096447.D
Acq: 3 Jul 2017 18:01

Instrument :
BNA_F
ClientSampled :

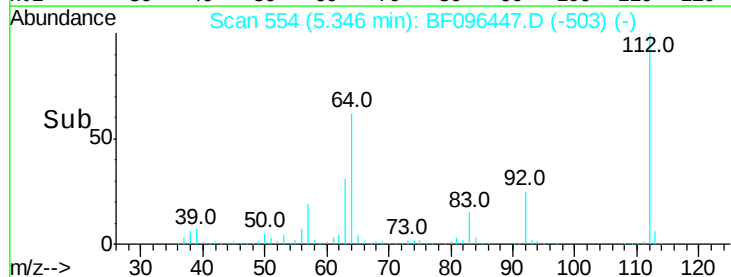
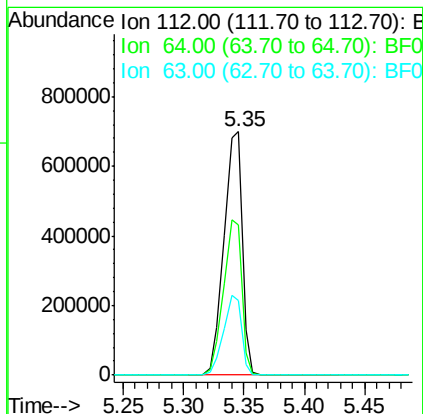
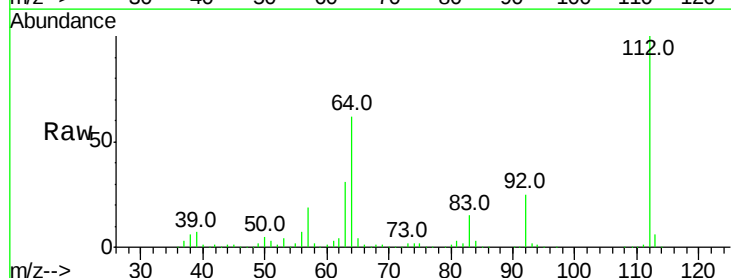
Tot Ion:152 Resp: 114695
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 61.2 52.2 78.2

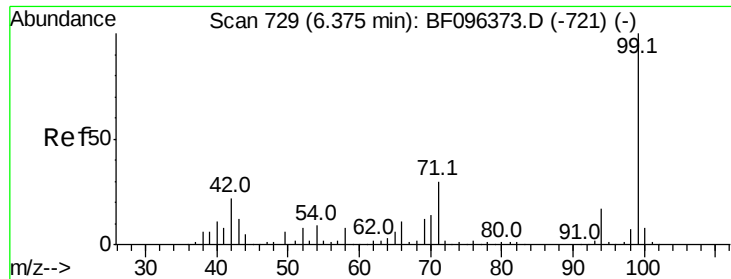


#5

2-Fluorophenol
Concen: 94.88 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096447.D
Acq: 3 Jul 2017 18:01

Tgt Ion:112 Resp: 737282
Ion Ratio Lower Upper
112 100
64 61.9 46.0 69.0
63 30.7 23.4 35.0





#7

Phenol-d6

Concen: 92.69 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096447.D

Acq: 3 Jul 2017 18:01

Instrument :

BNA_F

ClientSampled :

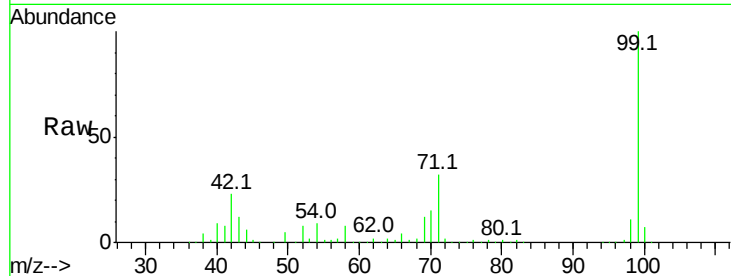
Tot Ion: 99 Resp: 885445

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

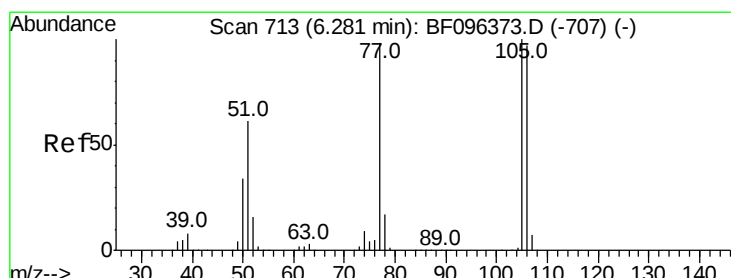
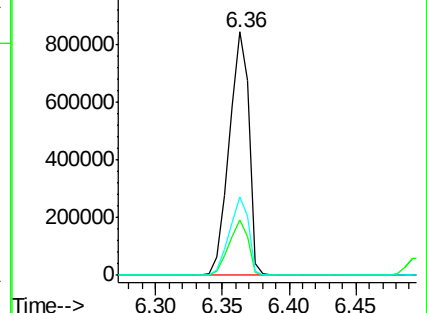
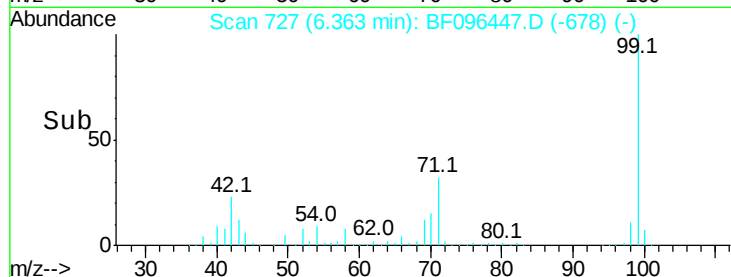
71 32.2 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.28 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF096447.D

Acq: 3 Jul 2017 18:01

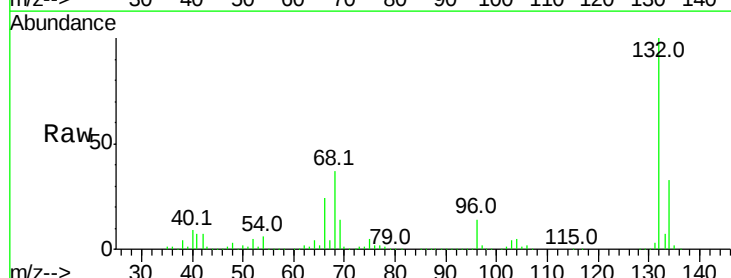
Tgt Ion: 77 Resp: 13654

Ion Ratio Lower Upper

77 100

105 84.6 83.8 123.8

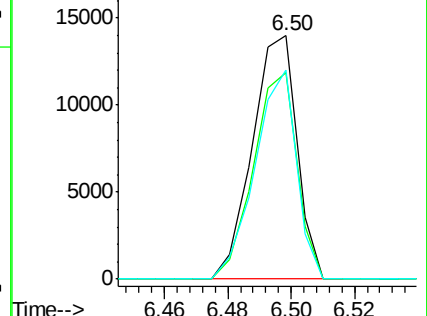
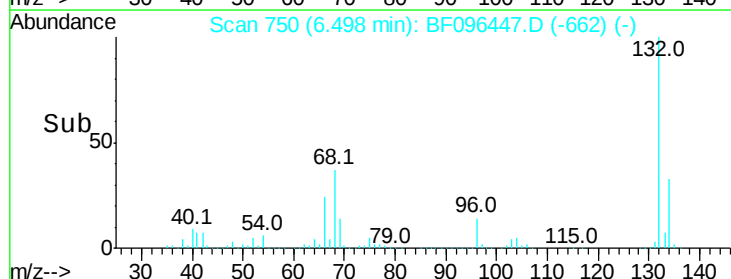
106 85.9 79.1 119.1

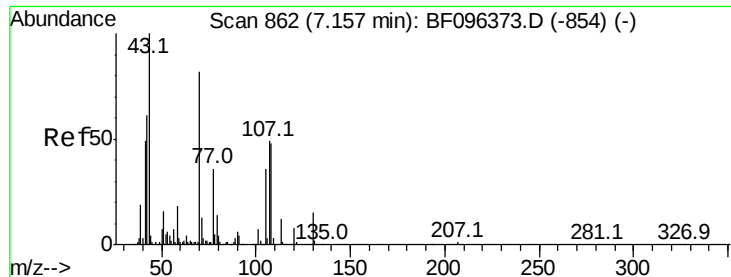


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

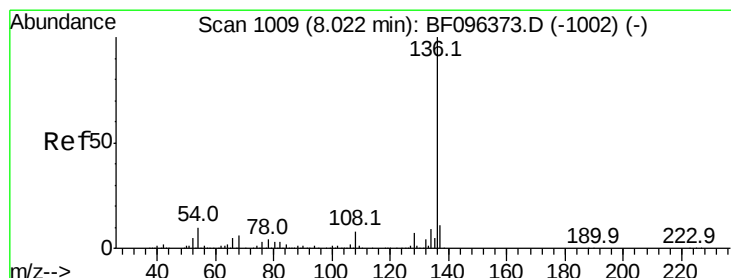
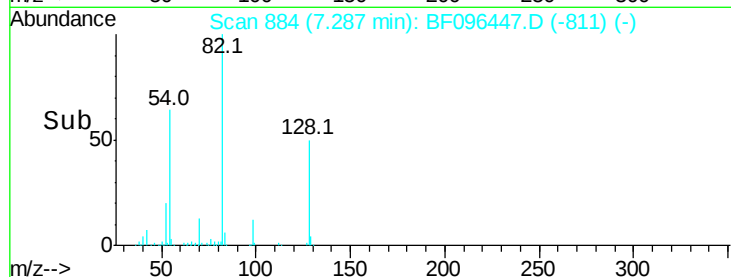
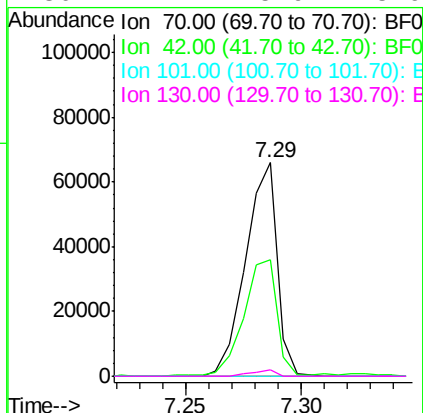
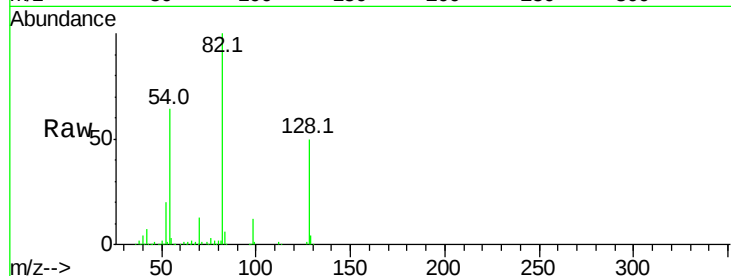




#19
n-Nitroso-di-n-propylamine
Concen: 11.05 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF096447.D
Acq: 3 Jul 2017 18:01

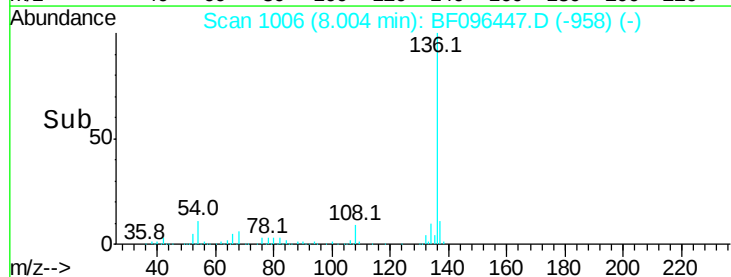
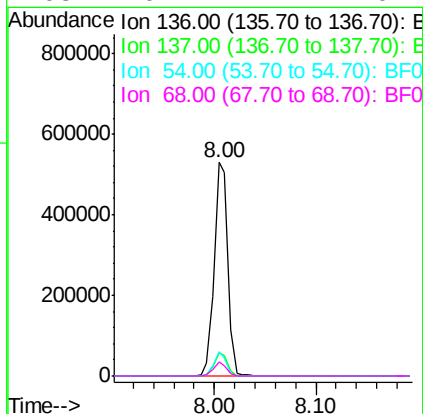
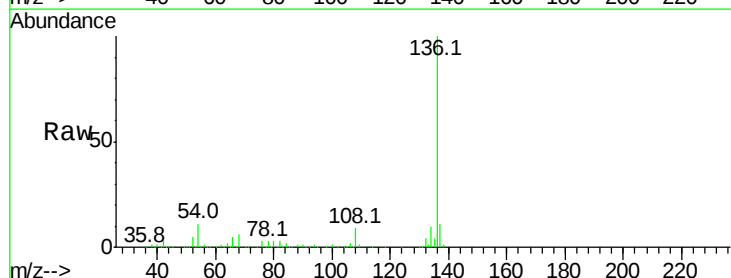
Instrument :
BNA_F
ClientSampleId :

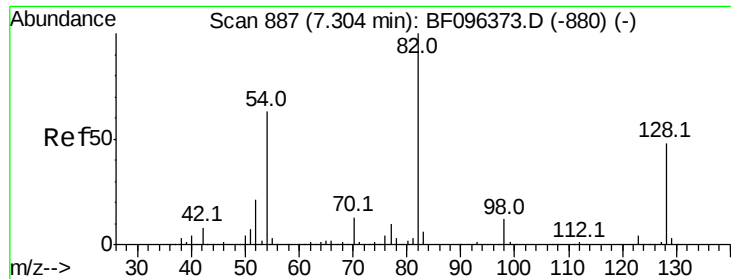
Tot Ion: 70 Resp: 62902
Ion Ratio Lower Upper
70 100
42 54.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096447.D
Acq: 3 Jul 2017 18:01

Tgt Ion:136 Resp: 496684
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.4 4.9 7.3#
68 6.4 4.1 6.1#

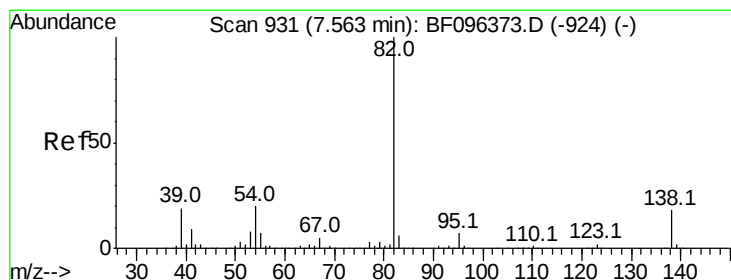
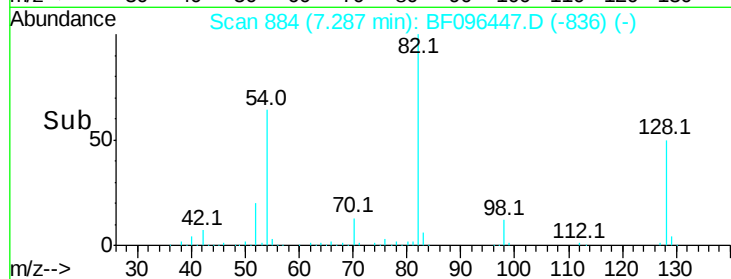
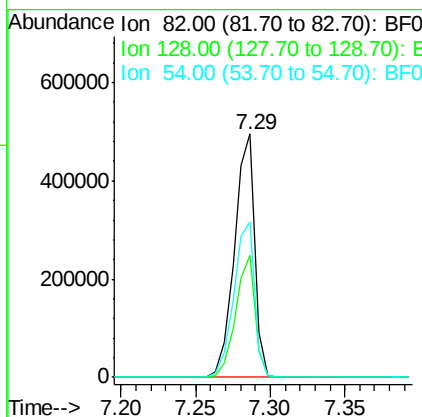
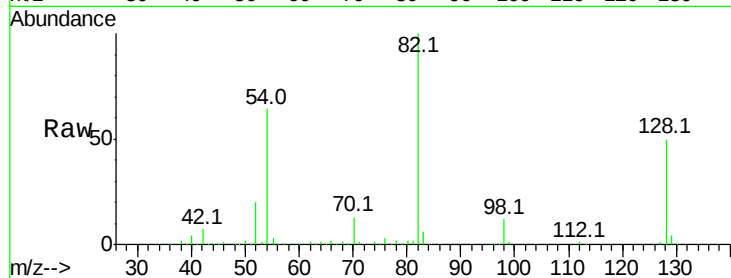




#23
 Nitrobenzene-d5
 Concen: 57.27 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

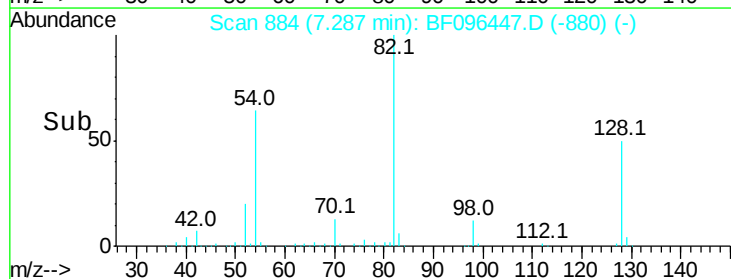
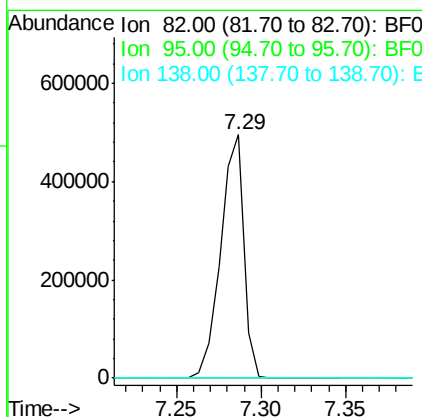
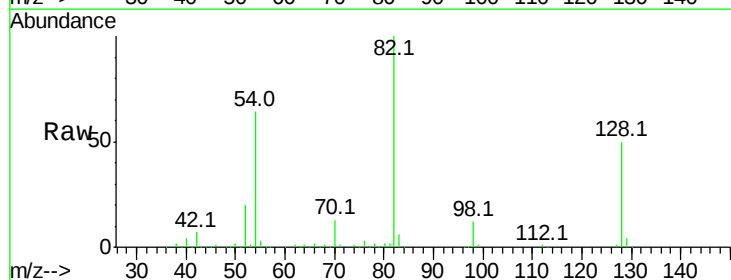
Instrument :
 BNA_F
 ClientSampleId :

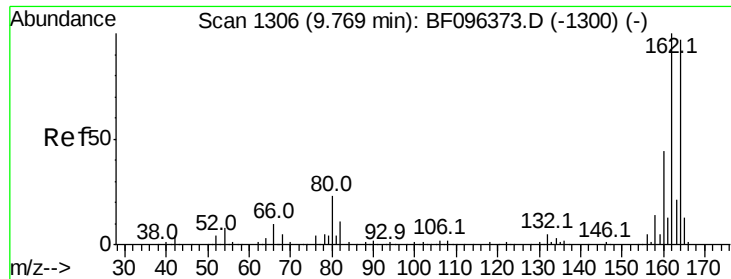
Tot Ion	82	Resp	473336
Ion Ratio	Lower	Upper	
82	100		
128	49.9	34.0	51.0
54	63.9	42.2	63.2#



#25
 Isophorone
 Concen: 29.37 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Tgt Ion	82	Resp	470746
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

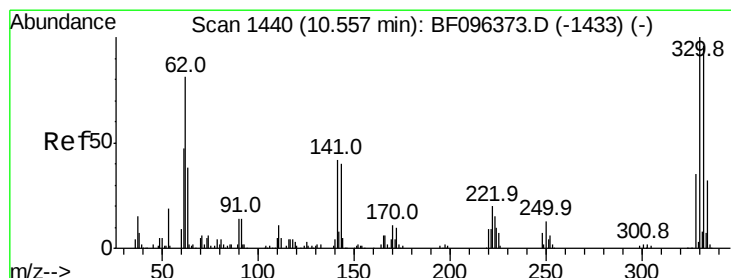
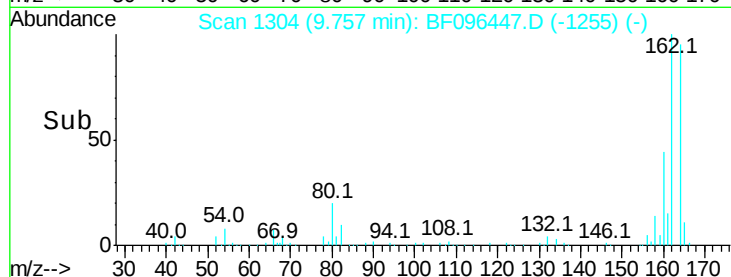
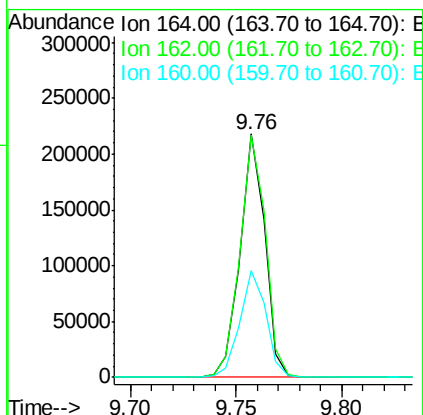
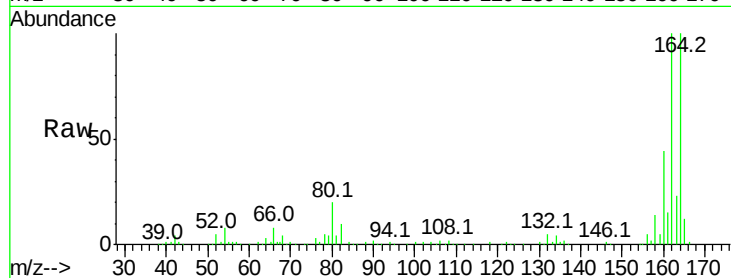




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096447.D
Acq: 3 Jul 2017 18:01

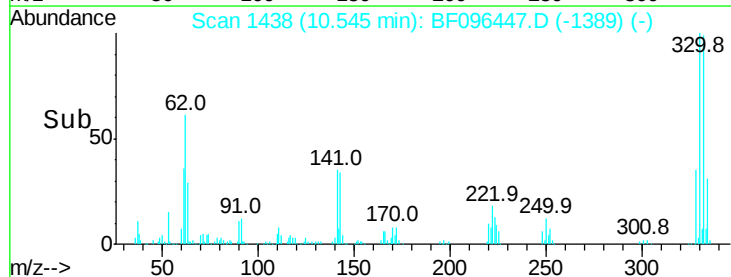
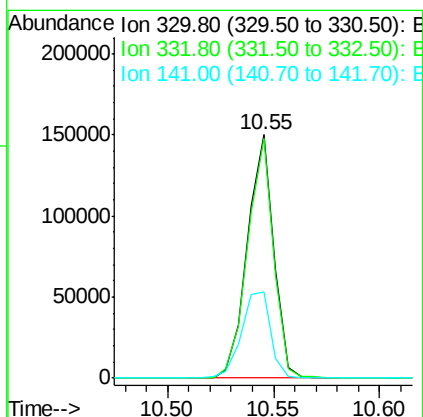
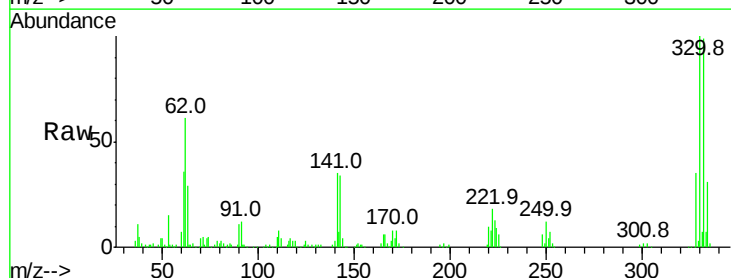
Instrument :
BNA_F
ClientSampled :

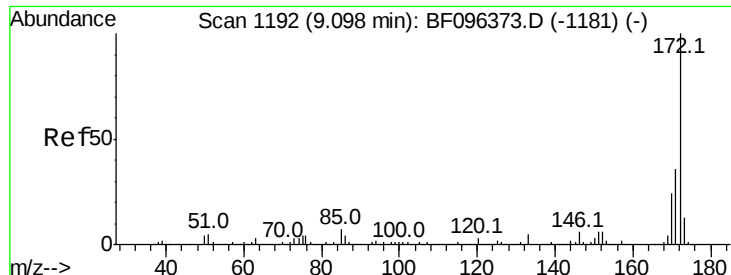
Tot Ion:164 Resp: 176464
Ion Ratio Lower Upper
164 100
162 99.7 82.6 123.8
160 43.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 94.83 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096447.D
Acq: 3 Jul 2017 18:01

Tgt Ion:330 Resp: 130717
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 39.2 31.4 47.2

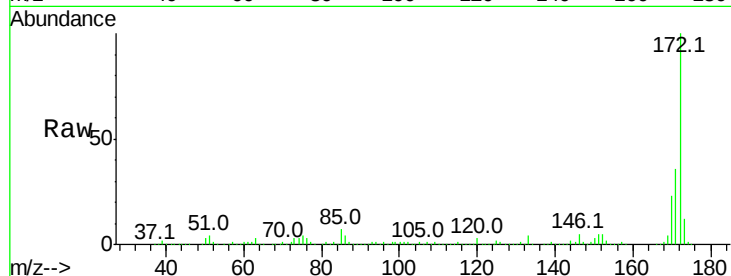




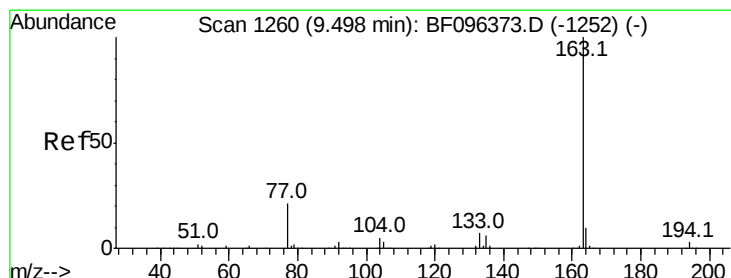
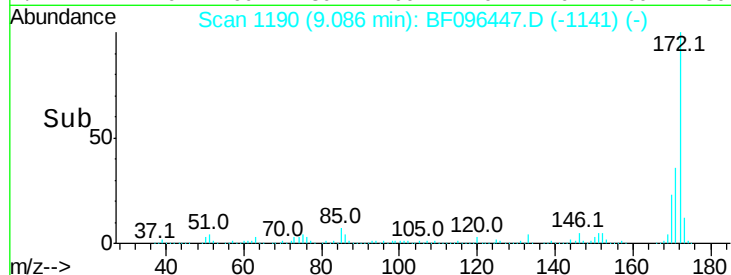
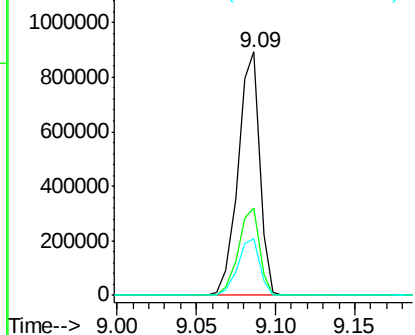
#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 841853
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.4 19.8 29.8

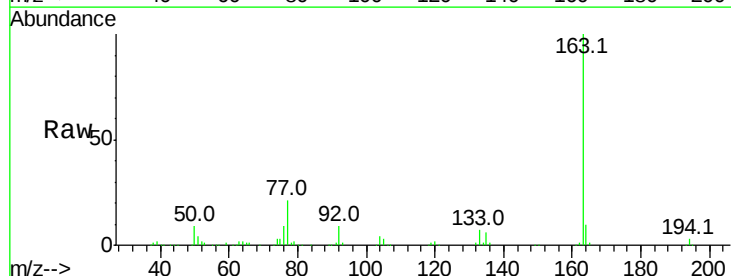


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

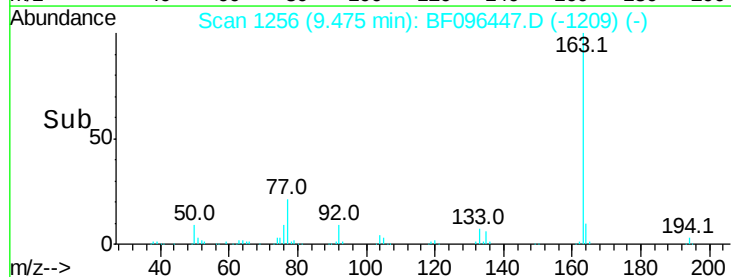
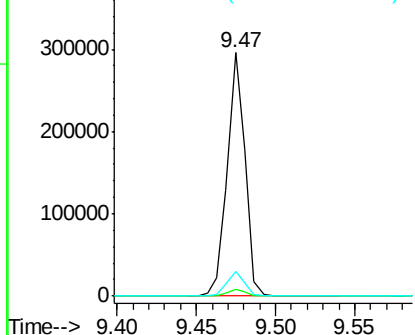


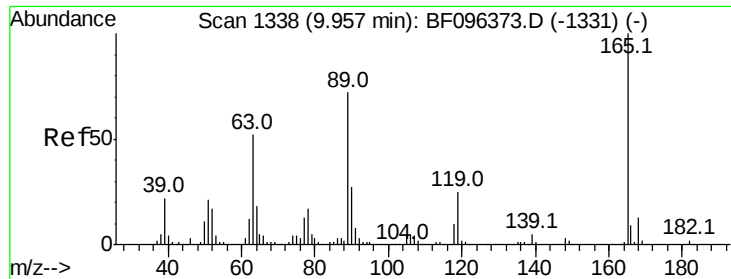
#49
 Dimethylphthalate
 Concen: 17.42 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Tgt Ion:163 Resp: 229458
 Ion Ratio Lower Upper
 163 100
 194 3.0 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

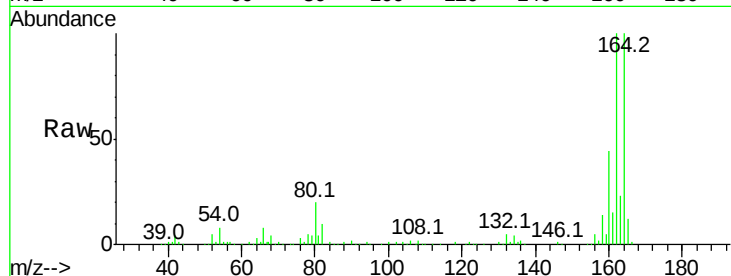




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

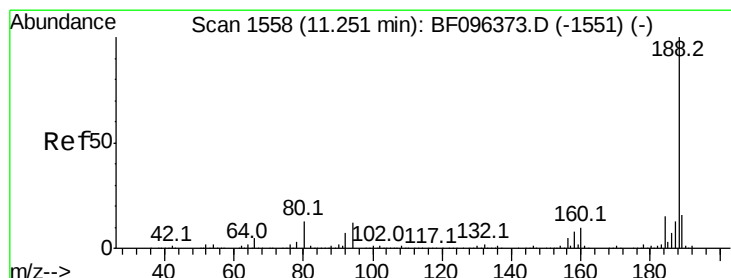
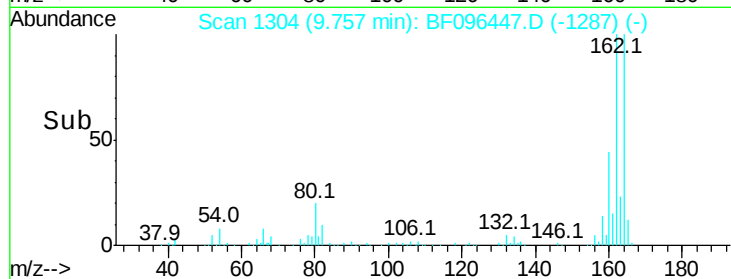
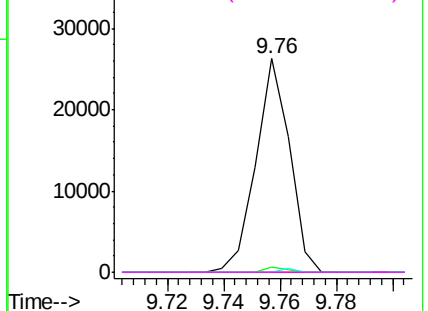


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

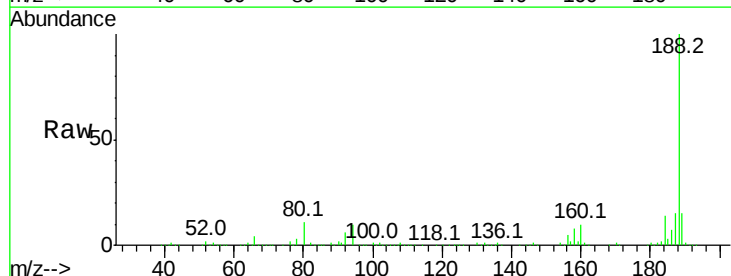
Ion 89.00 (88.70 to 89.70): BF0

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: BF096447.D
 Acq: 3 Jul 2017 18:01

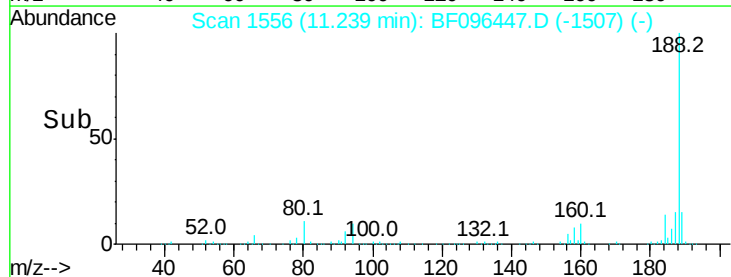
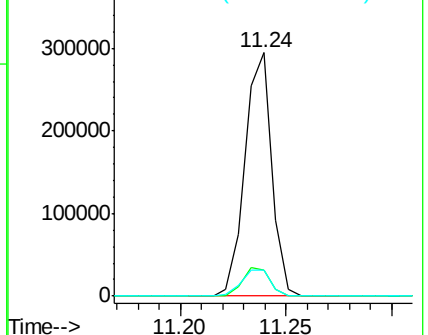
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2

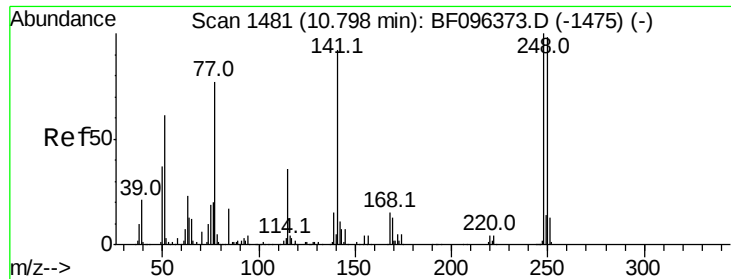


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

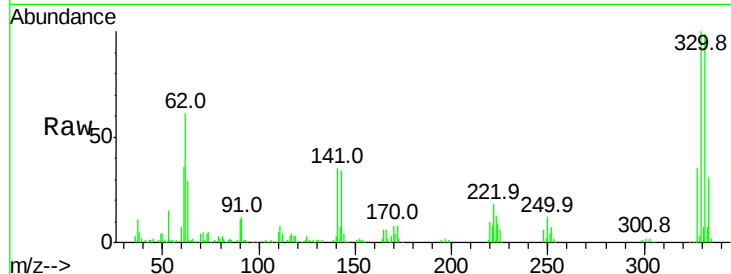




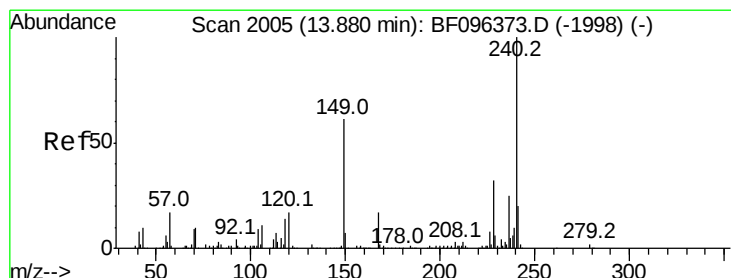
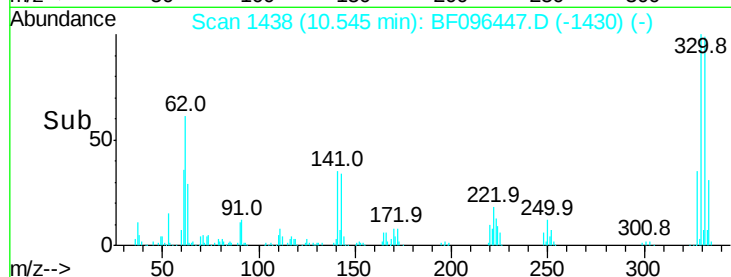
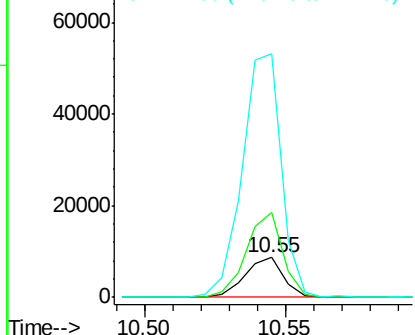
#66
 4-Bromophenyl-phenylether
 Concen: 3.21 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8125
 Ion Ratio Lower Upper
 248 100
 250 216.0 76.8 115.2#
 141 615.6 68.6 103.0#

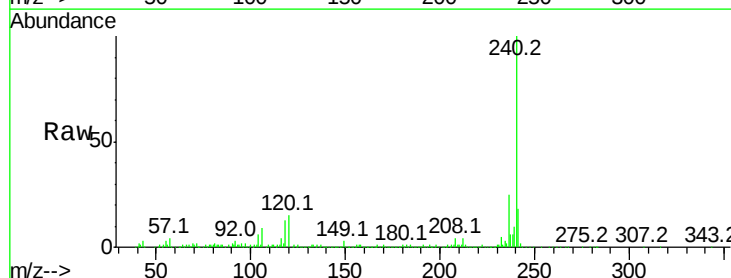


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

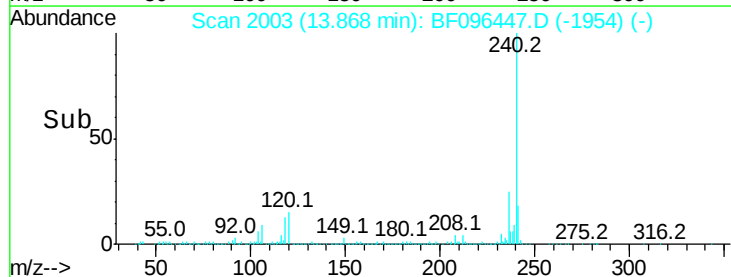
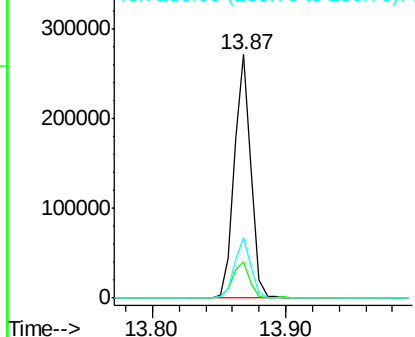


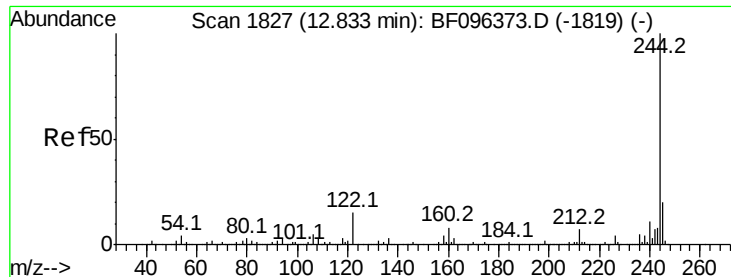
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Tgt Ion:240 Resp: 236040
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 24.9 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

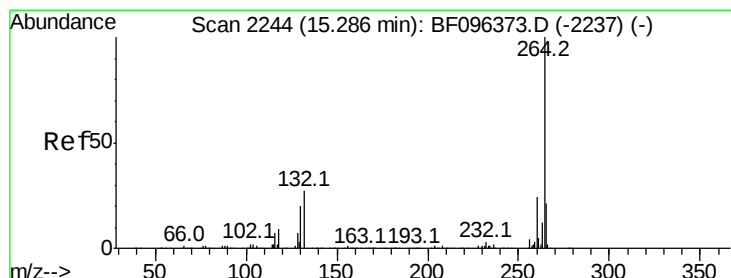
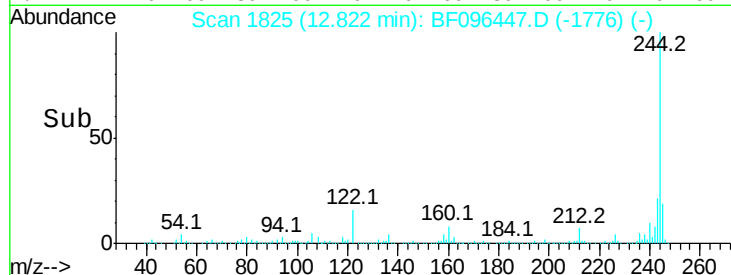
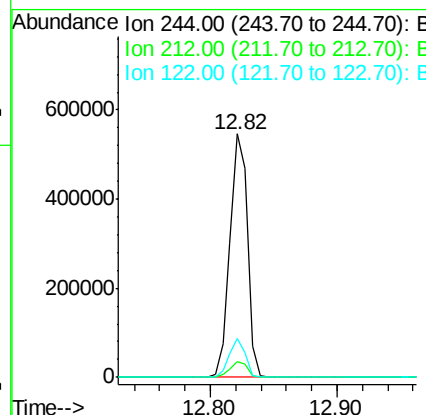
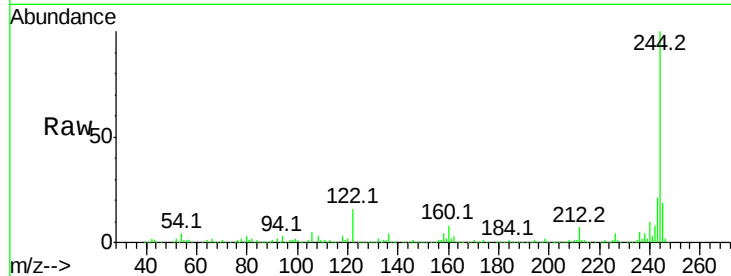




#78
 Terphenyl-d14
 Concen: 47.31 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 522545
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 15.9 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096447.D
 Acq: 3 Jul 2017 18:01

Tgt Ion:264 Resp: 164670
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.1 17.2 25.8

