

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096368.D
 Acq On : 1 Jul 2017 6:07
 Operator : SJ/MA
 Sample : I3947-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 06:53:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

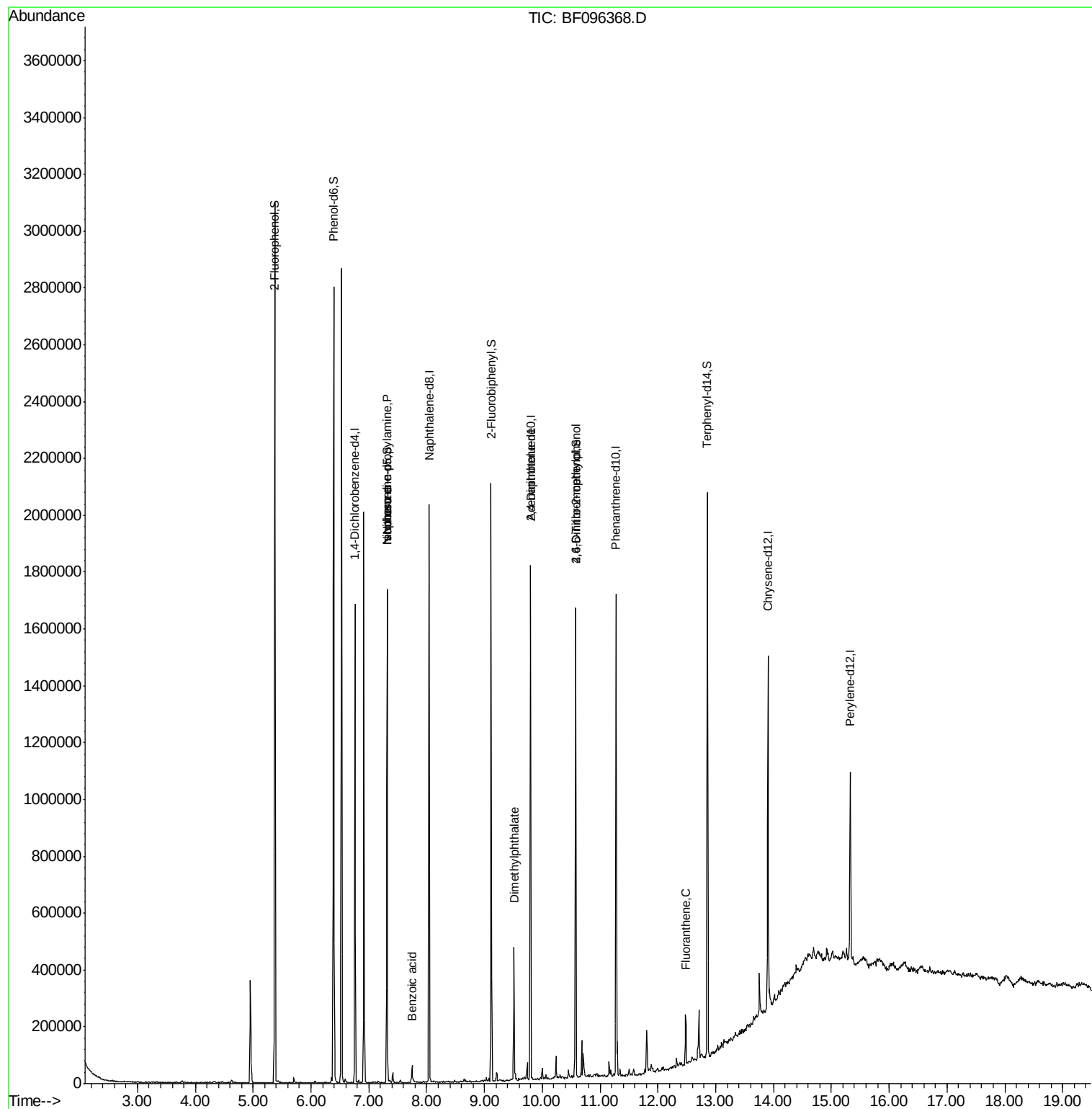
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	244905	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	911176	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	350354	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	579758	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	437619	20.00	ng	-0.01
86) Perylene-d12	15.33	264	320763	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	839173	49.37	ng	0.00
7) Phenol-d6	6.39	99	1011677	49.15	ng	0.00
23) Nitrobenzene-d5	7.32	82	507179	38.53	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	197086	71.48	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	668494	34.94	ng	-0.03
78) Terphenyl-d14	12.86	244	617736	35.22	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.39	77	1836	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	66133	5.36	ng	# 88
25) Isophorone	7.32	82	506902	16.96	ng	# 67
32) Benzoic acid	7.75	122	14540	10.03	ng	97
49) Dimethylphthalate	9.51	163	158435	6.32	ng	100
56) 2,4-Dinitrotoluene	9.80	165	44797	6.81	ng	# 33
57) Fluorene	10.34	166	1849	Below Cal	#	78
64) 4,6-Dinitro-2-methylphenol	10.58	198	175	8.80	ng	# 1
70) Phenanthrene	11.30	178	36965	Below Cal		97
74) Fluoranthene	12.48	202	64768	2.01	ng	97

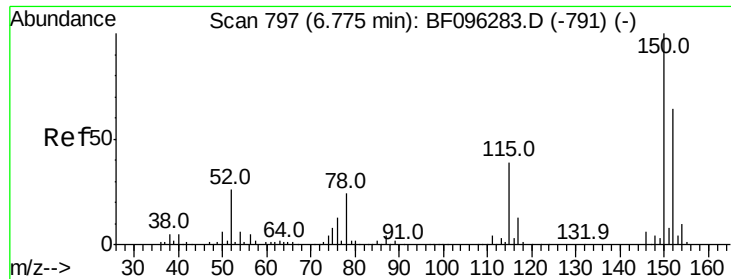
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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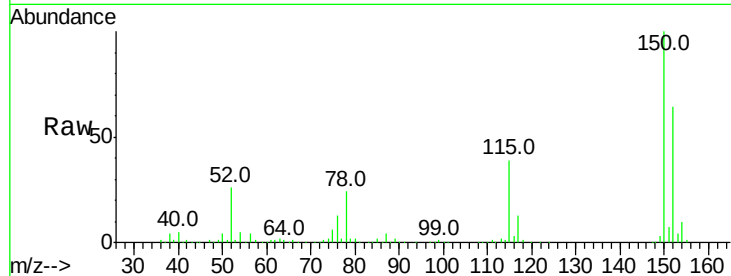


#1

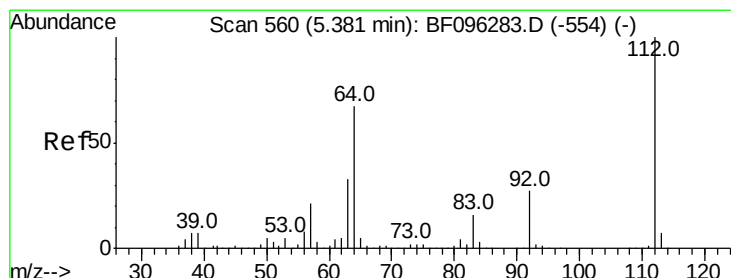
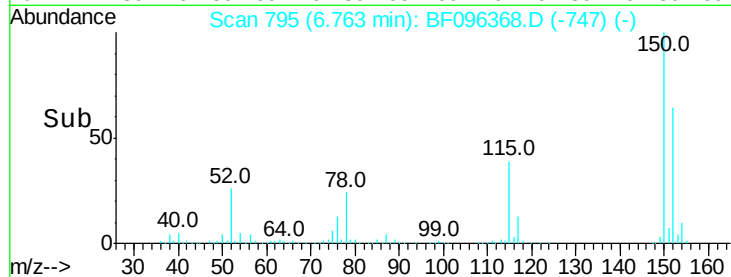
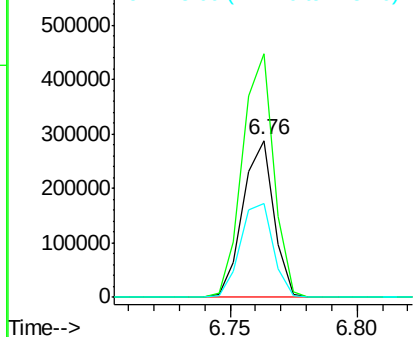
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 244905
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 60.2 52.2 78.2



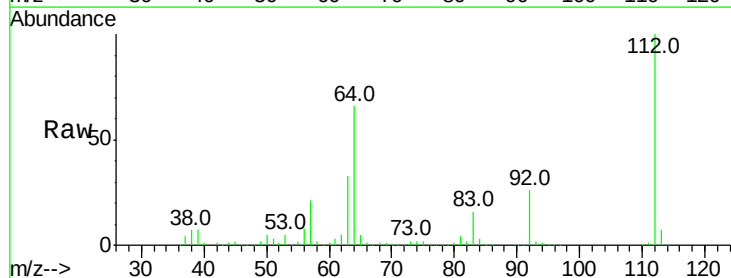
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



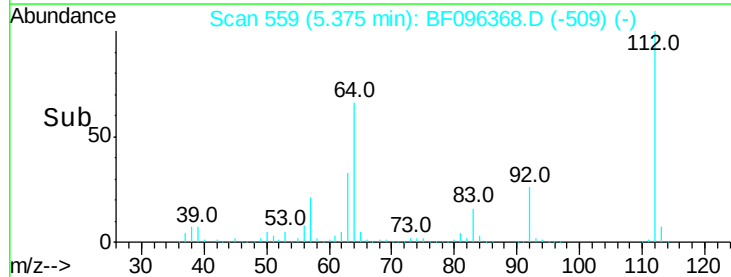
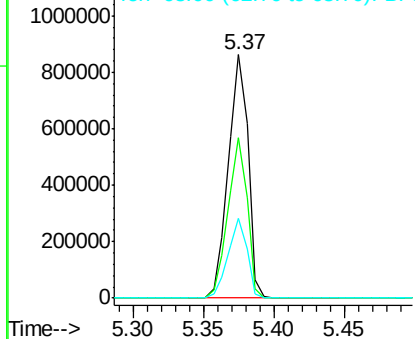
#5

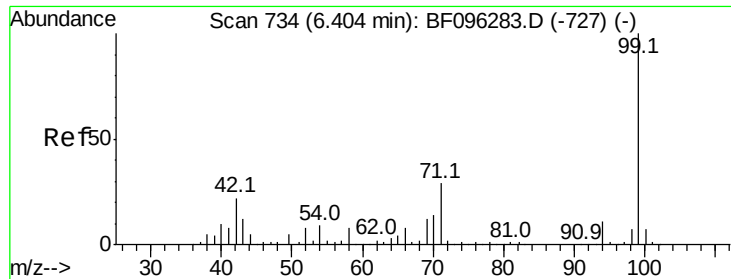
2-Fluorophenol
Concen: 49.37 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Tgt Ion:112 Resp: 839173
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 32.5 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: 49.15 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

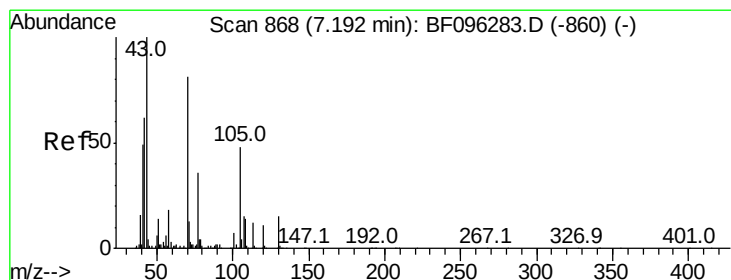
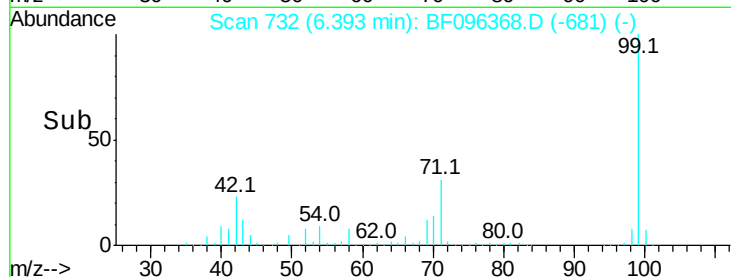
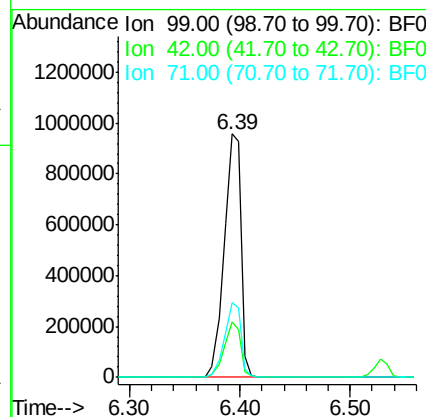
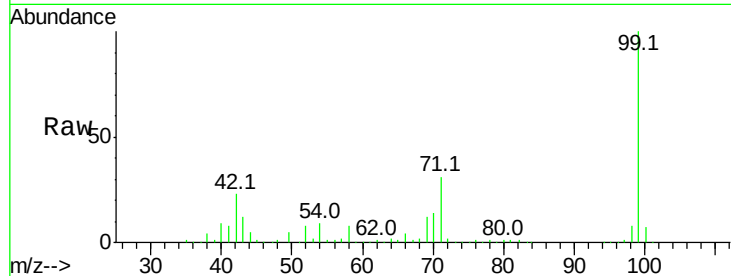
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1011677

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	30.6	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 5.36 ng

RT: 7.32 min Scan# 889

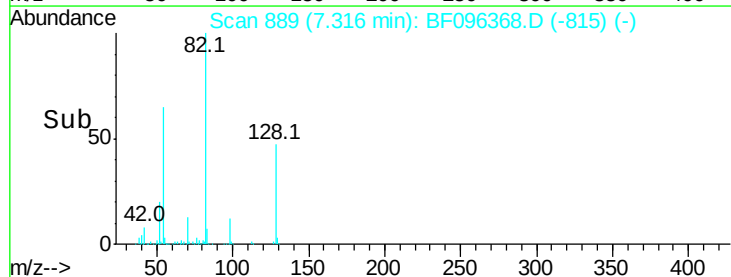
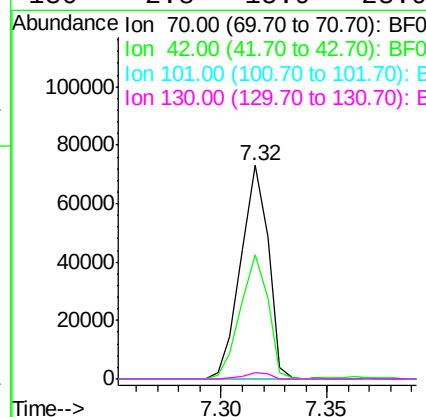
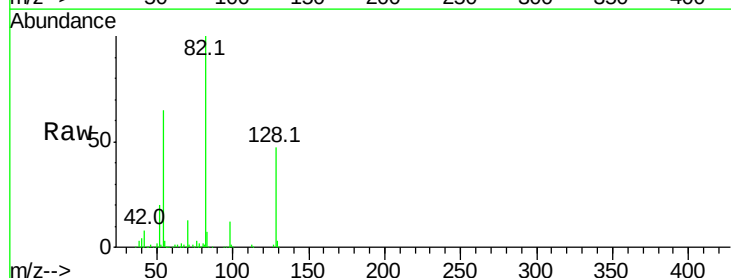
Delta R.T. 0.14 min

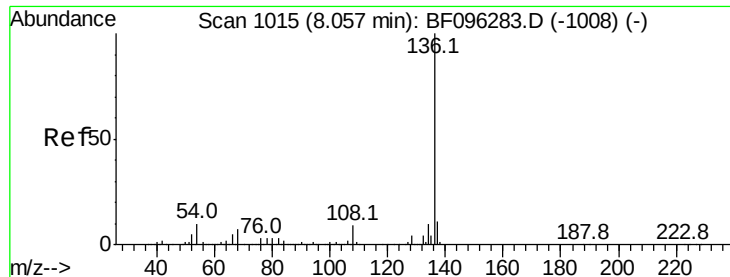
Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Tgt Ion: 70 Resp: 66133

Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#

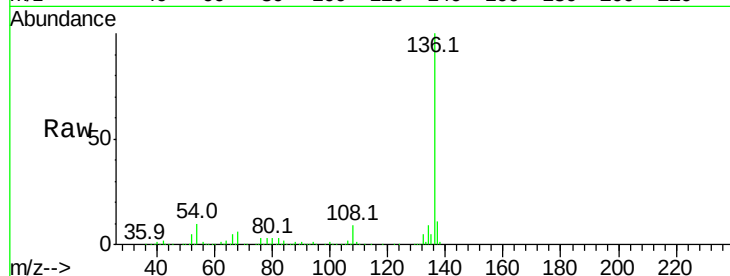




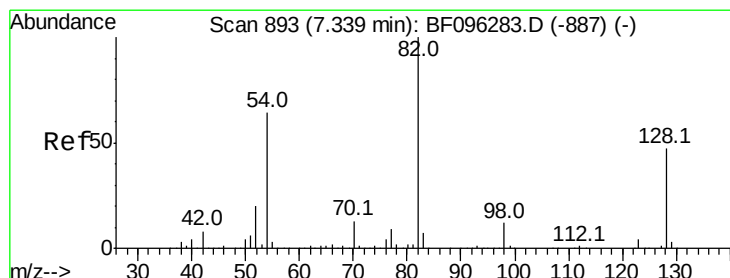
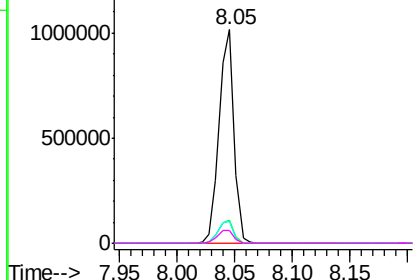
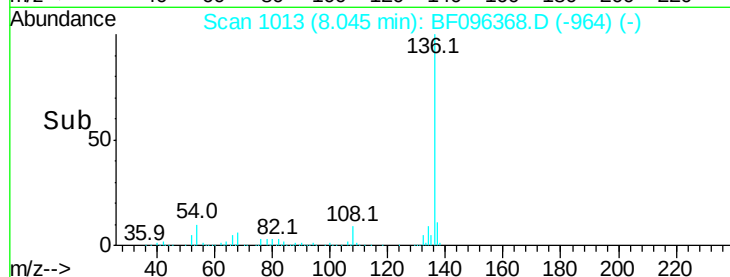
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 911176
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.0 4.9 7.3#
68 6.0 4.1 6.1

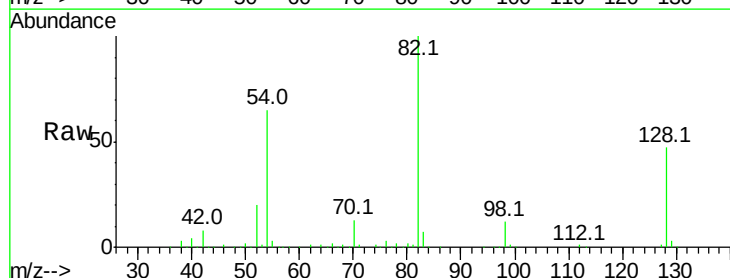


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

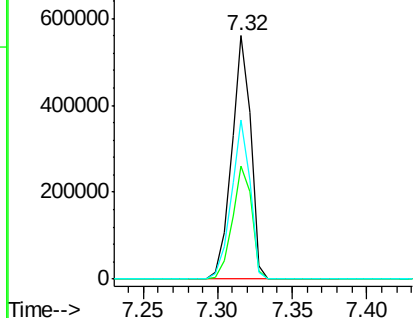
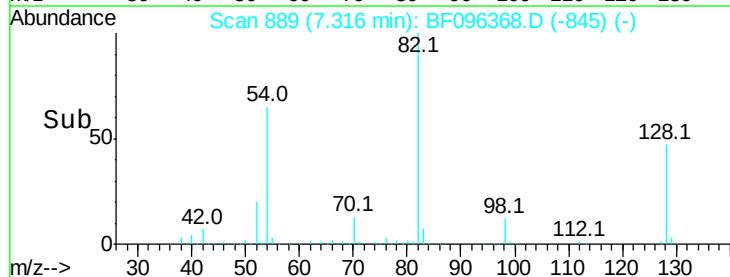


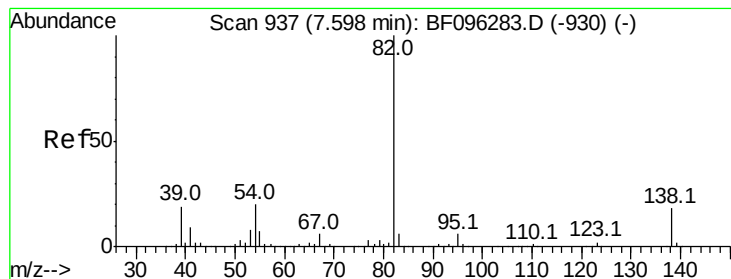
#23
Nitrobenzene-d5
Concen: 38.53 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Tgt Ion: 82 Resp: 507179
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 65.2 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: 16.96 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

ClientSampleId :

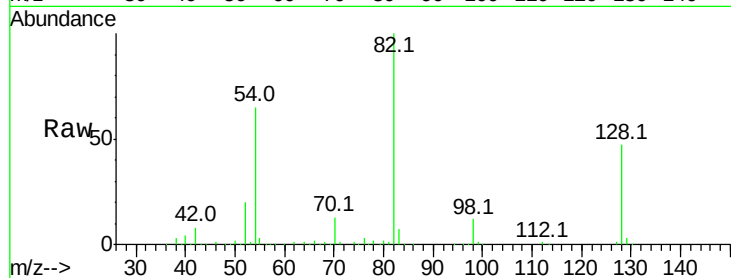
Tot Ion: 82 Resp: 506902

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

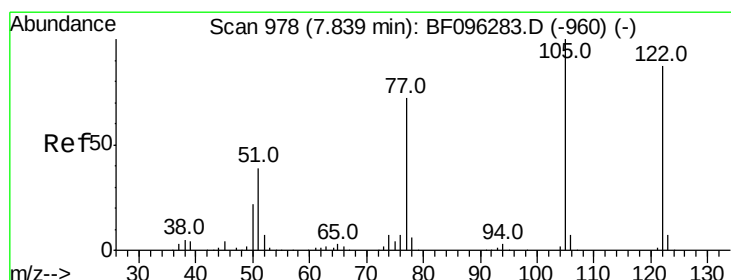
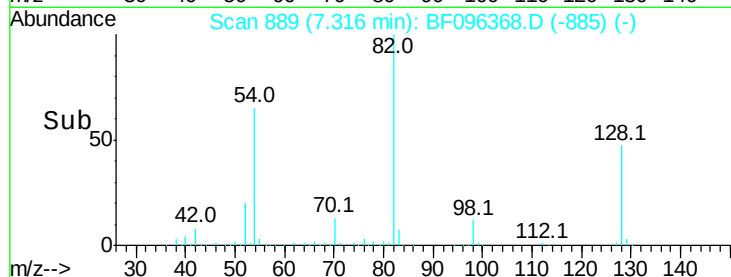
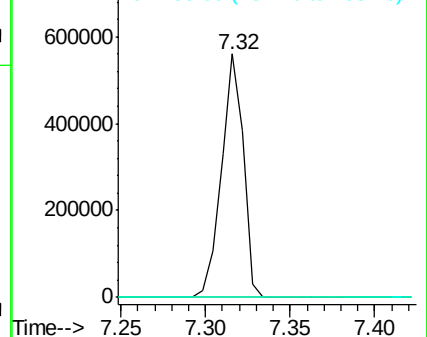
138 0.0 13.1 19.7#



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



#32

Benzoic acid

Concen: 10.03 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.13 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

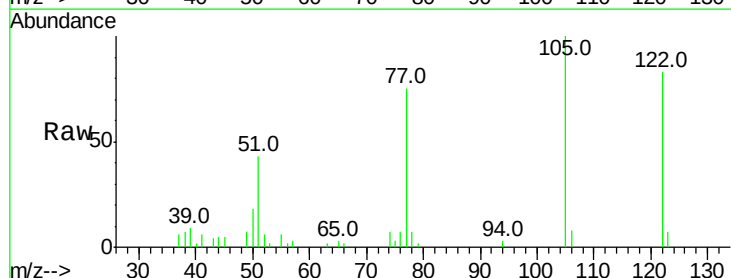
Tgt Ion:122 Resp: 14540

Ion Ratio Lower Upper

122 100

105 120.2 103.3 143.3

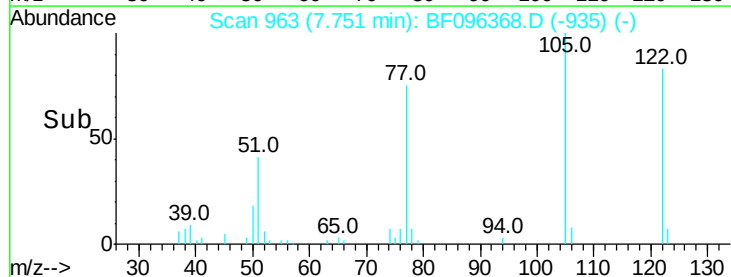
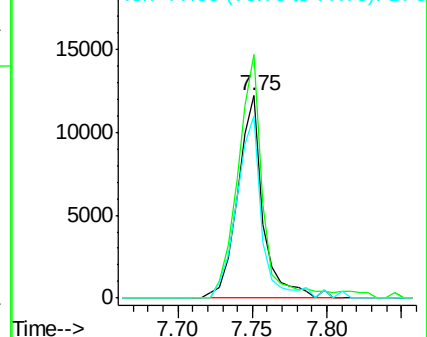
77 89.7 73.7 113.7

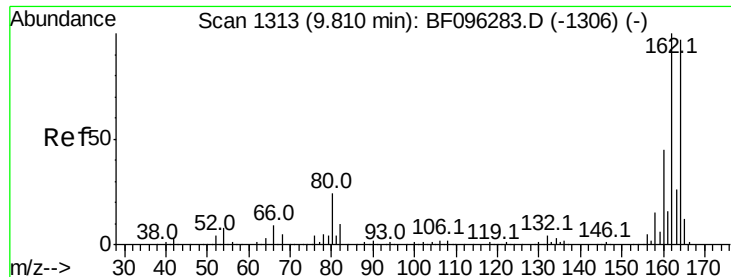


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

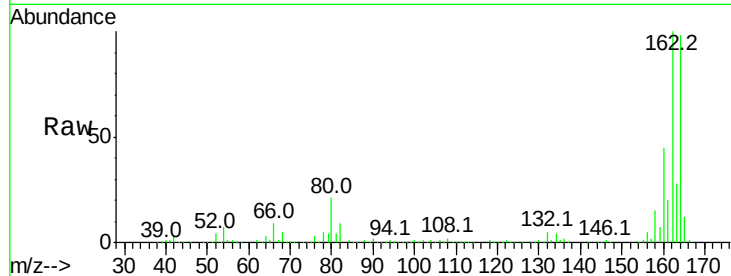




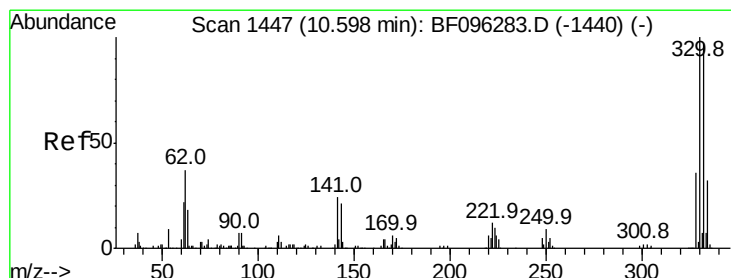
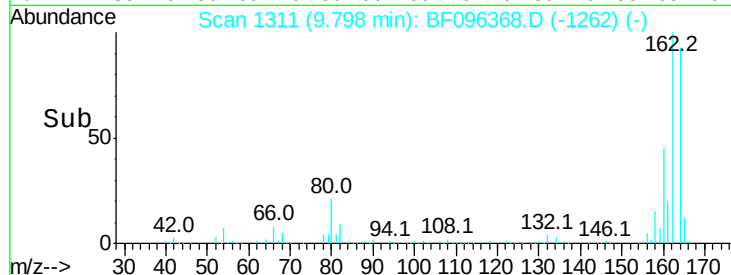
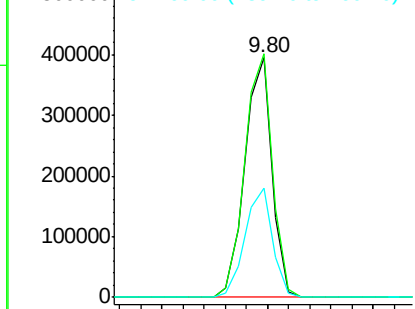
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 350354
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.5 36.2 54.2

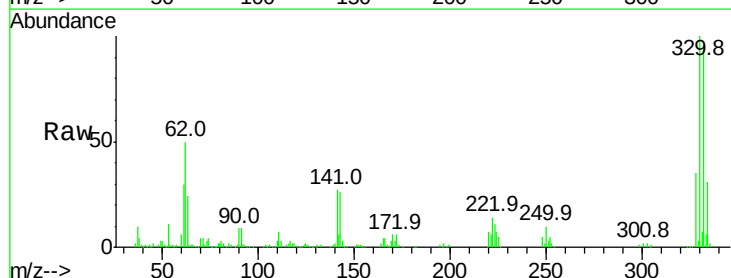


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

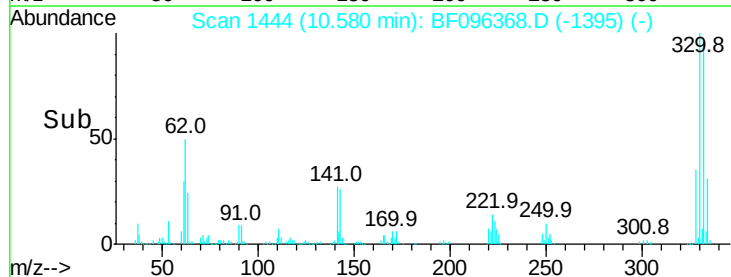
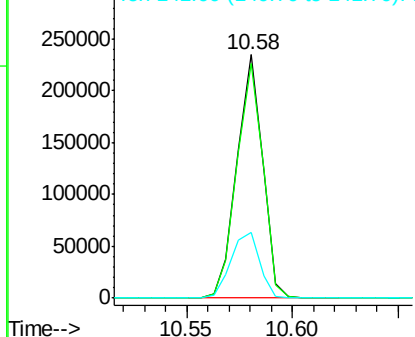


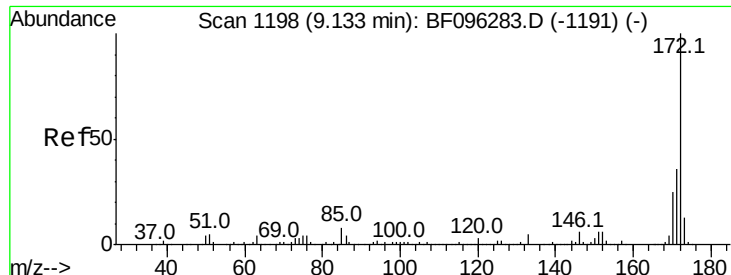
#41
2,4,6-Tribromophenol
Concen: 71.48 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Tgt Ion:330 Resp: 197086
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 30.4 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

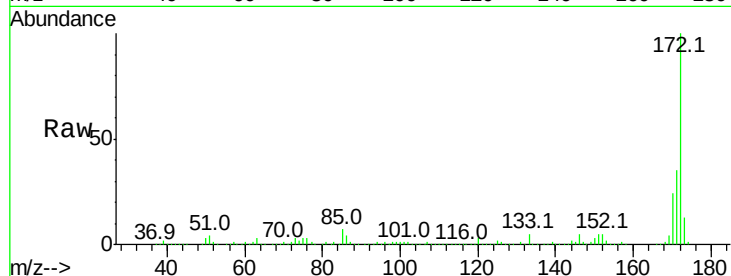




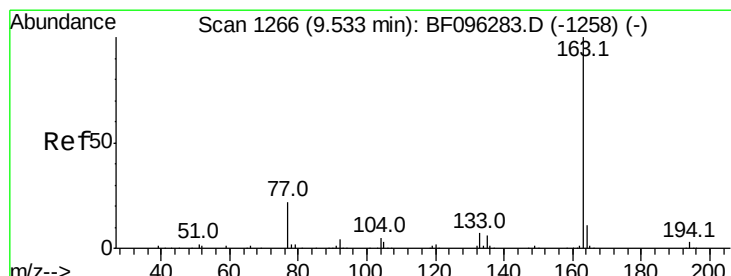
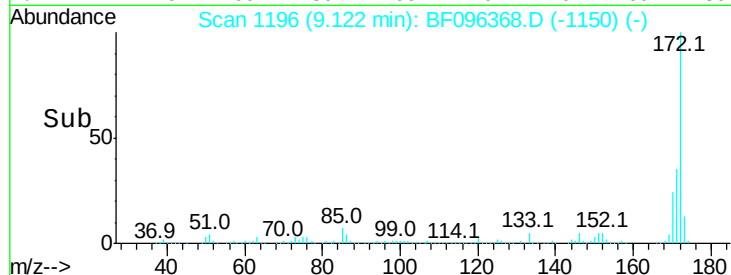
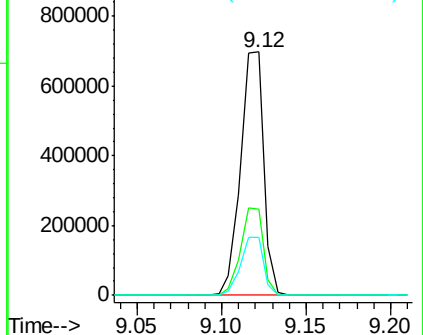
#44
 2-Fluorobiphenyl
 Concen: 34.94 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.03 min
 Lab File: BF096368.D
 Acq: 1 Jul 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 668494
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.7 19.8 29.8

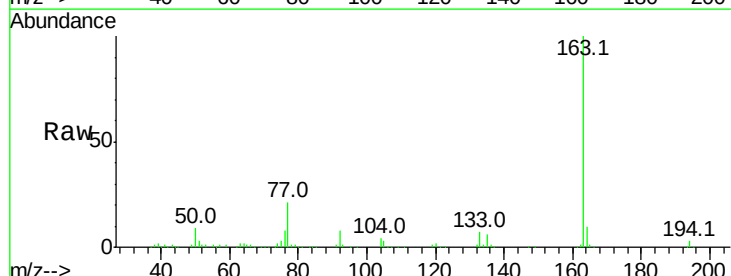


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

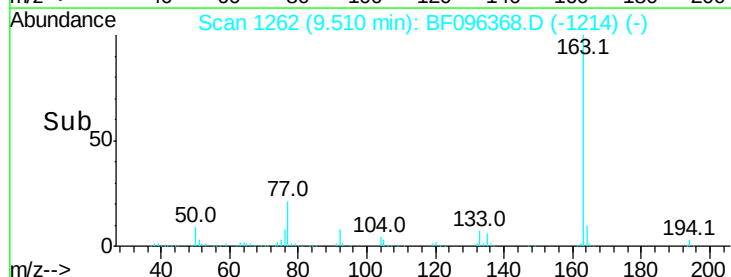
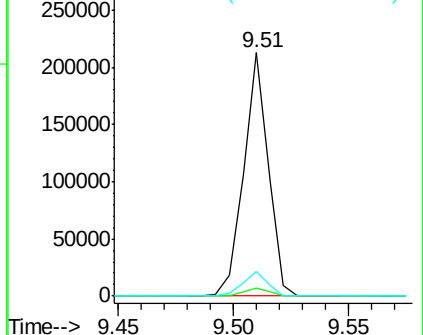


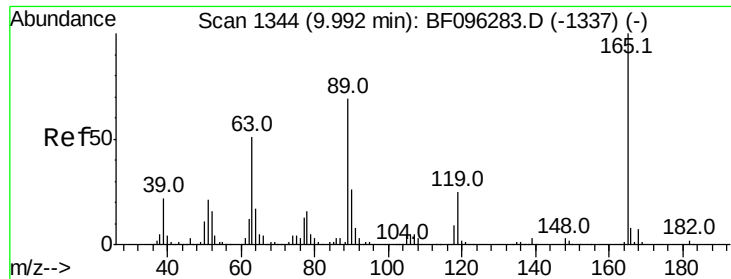
#49
 Dimethylphthalate
 Concen: 6.32 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF096368.D
 Acq: 1 Jul 2017 6:07

Tgt Ion:163 Resp: 158435
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.4 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

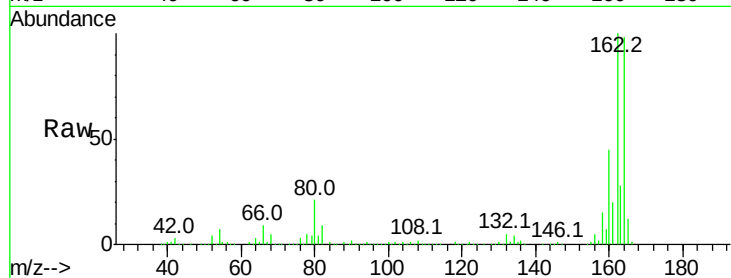




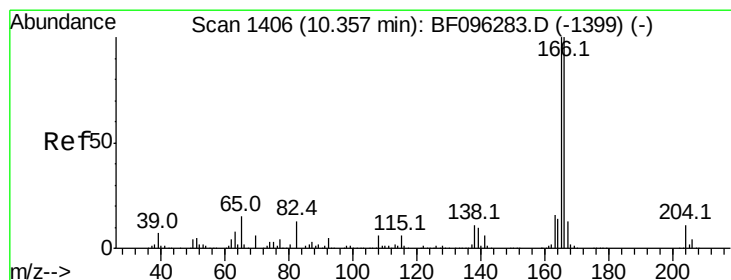
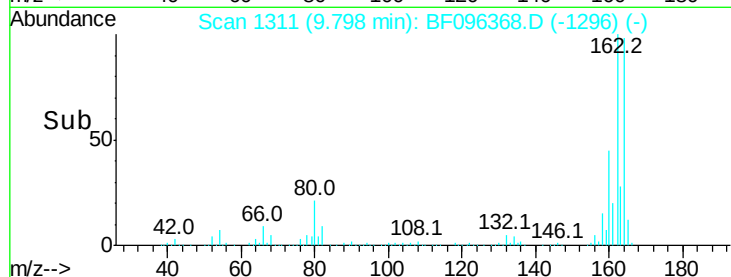
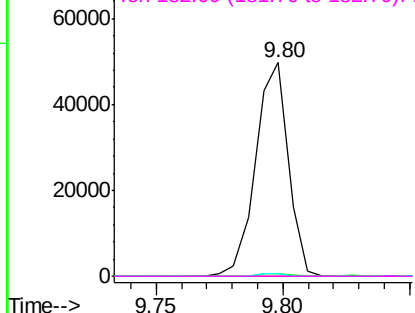
#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 44797
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 0.9 46.4 69.6#
182 0.0 1.8 2.6#

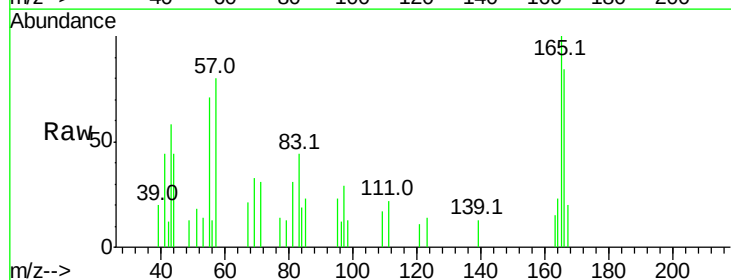


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

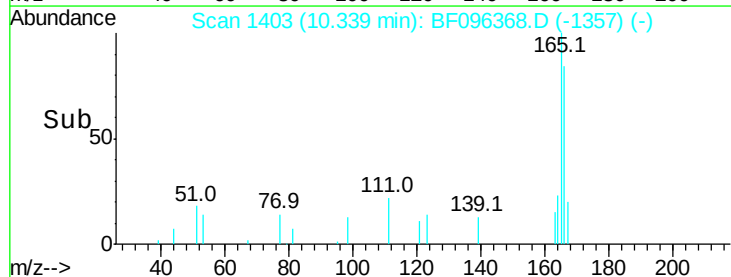
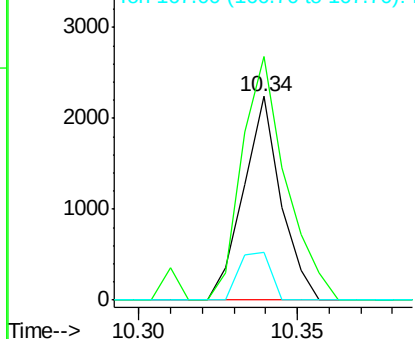


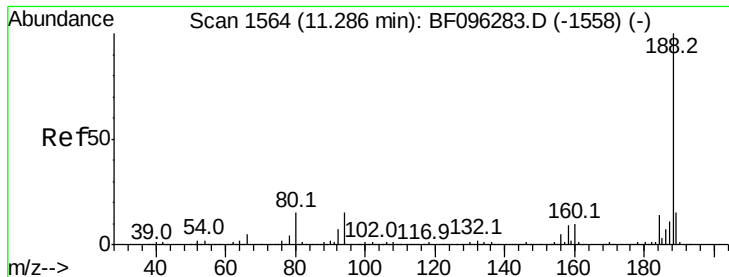
#57
Fluorene
Concen: Below Cal
RT: 10.34 min Scan# 1403
Delta R.T. -0.03 min
Lab File: BF096368.D
Acq: 1 Jul 2017 6:07

Tgt Ion:166 Resp: 1849
Ion Ratio Lower Upper
166 100
165 119.6 78.8 118.2#
167 23.6 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

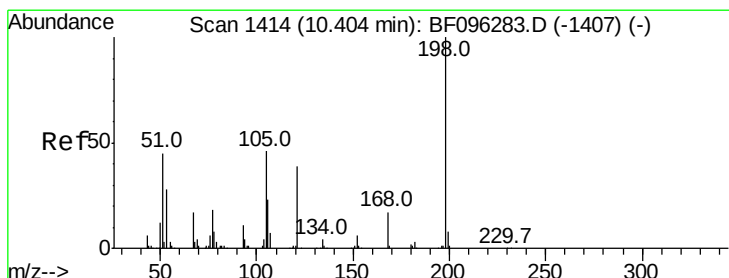
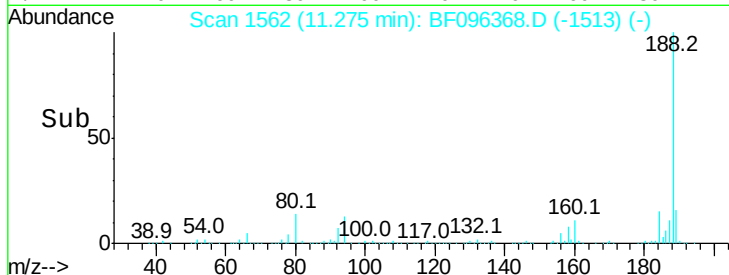
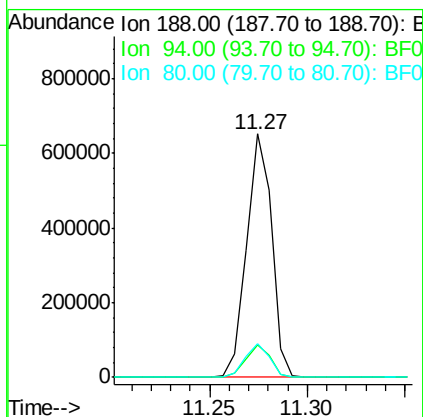
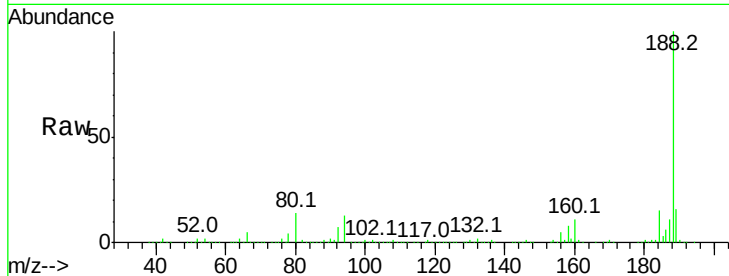




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF096368.D
 Acq: 1 Jul 2017 6:07

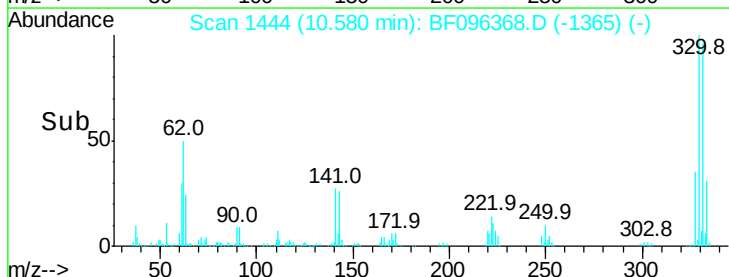
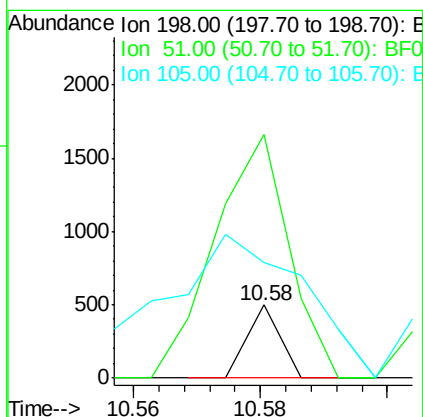
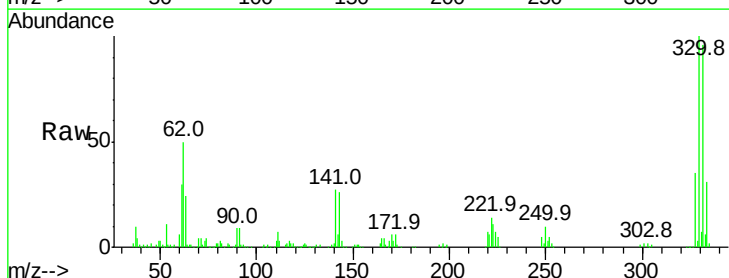
Instrument :
 BNA_F
 ClientSampled :

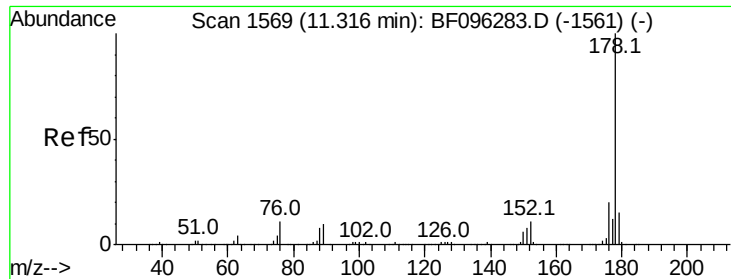
Tot Ion:188 Resp: 579758
 Ion Ratio Lower Upper
 188 100
 94 13.1 9.4 14.2
 80 14.0 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.80 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.17 min
 Lab File: BF096368.D
 Acq: 1 Jul 2017 6:07

Tgt Ion:198 Resp: 175
 Ion Ratio Lower Upper
 198 100
 51 334.2 53.2 93.2#
 105 159.0 45.8 85.8#





#70

Phenanthrene

Concen: Below Cal

RT: 11.30 min Scan# 1566

Delta R.T. -0.03 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

ClientSampleId :

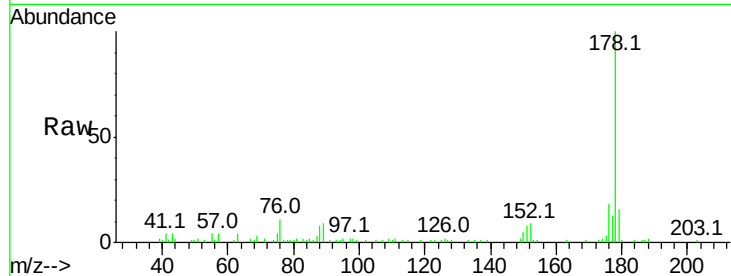
Tot Ion:178 Resp: 36965

Ion Ratio Lower Upper

178 100

176 17.7 16.2 24.4

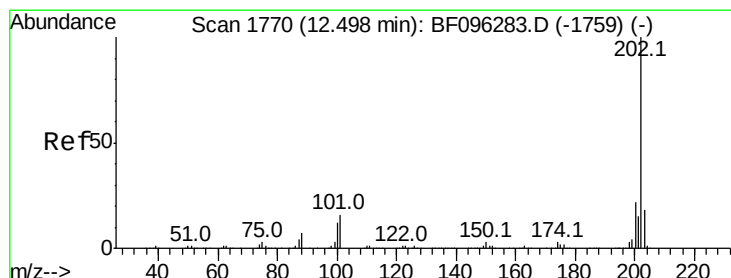
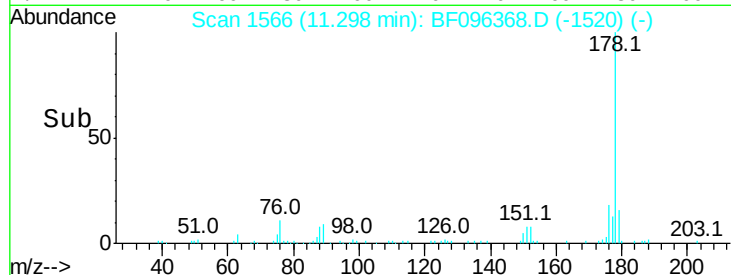
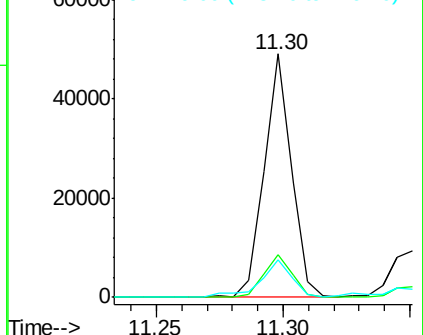
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.01 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

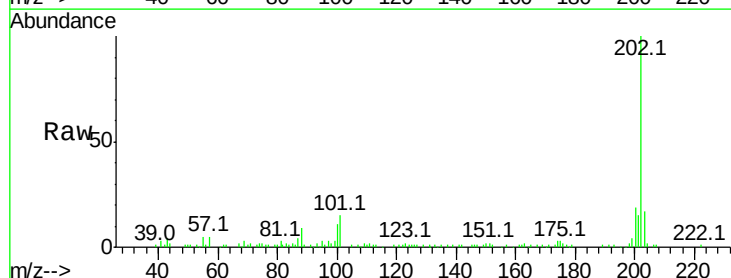
Tgt Ion:202 Resp: 64768

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

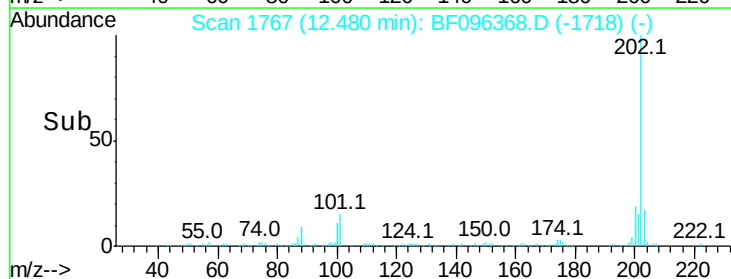
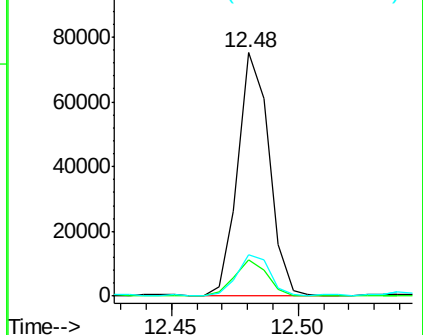
203 17.0 0.0 38.1

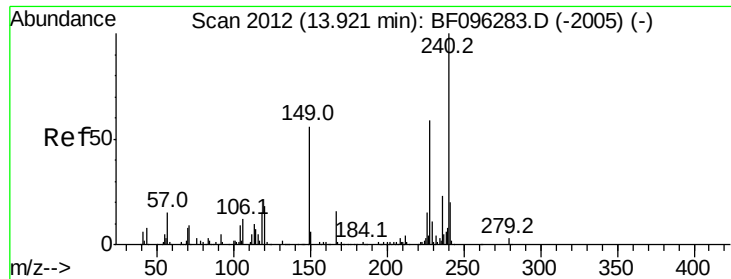


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

Instrument :

BNA_F

ClientSampleId :

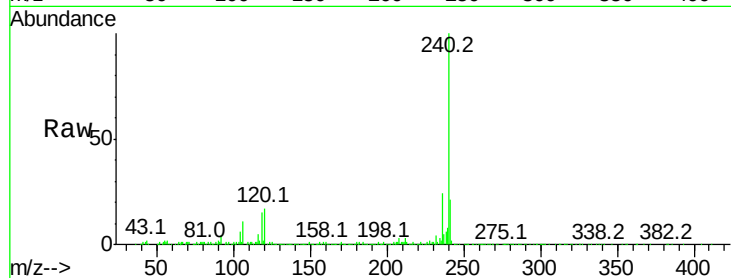
Tot Ion:240 Resp: 437619

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

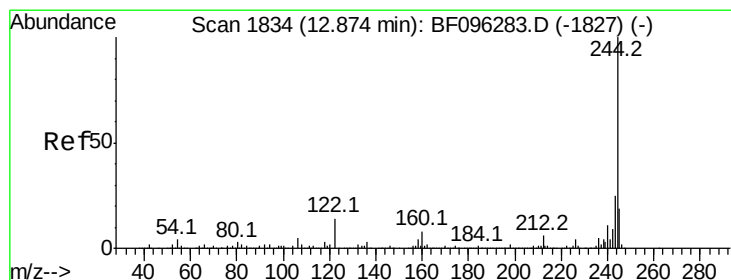
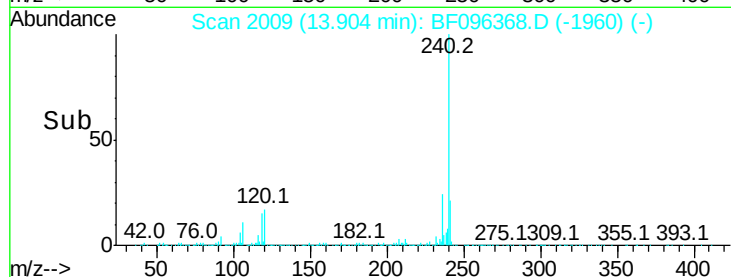
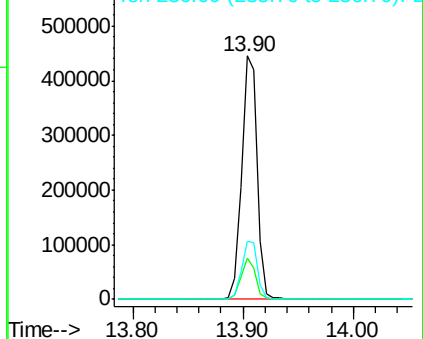
236 23.8 20.5 30.7



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: 35.22 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF096368.D

Acq: 1 Jul 2017 6:07

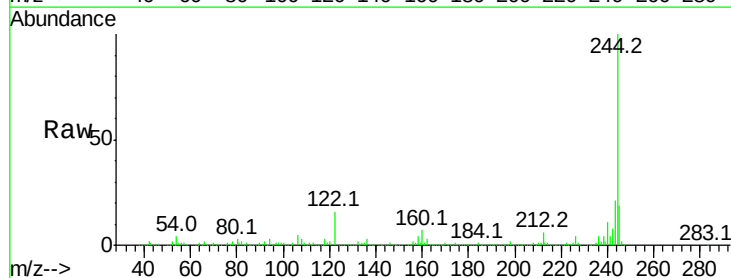
Tgt Ion:244 Resp: 617736

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

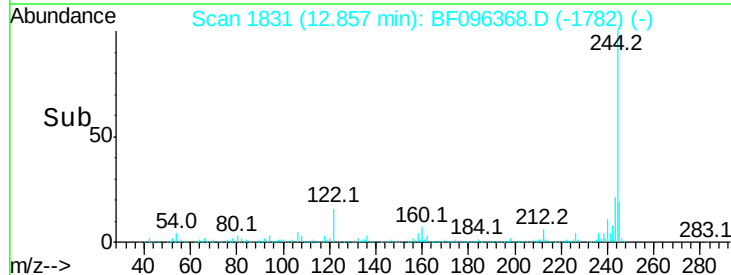
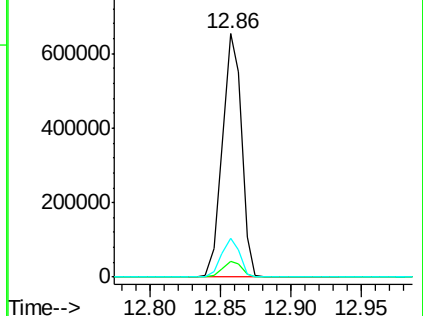
122 15.9 10.3 15.5#

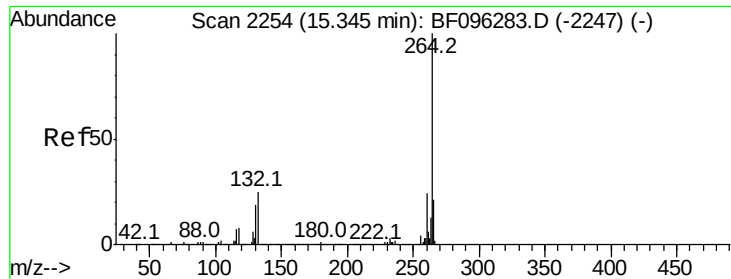


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF096368.D
 Acq: 1 Jul 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.2	25.8

