

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096816.D
 Acq On : 17 Jul 2017 13:47
 Operator : SJ/JU
 Sample : I4159-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GAS-BOTTOM

Quant Time: Jul 17 14:20:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 13:30:18 2017
 Response via : Initial Calibration

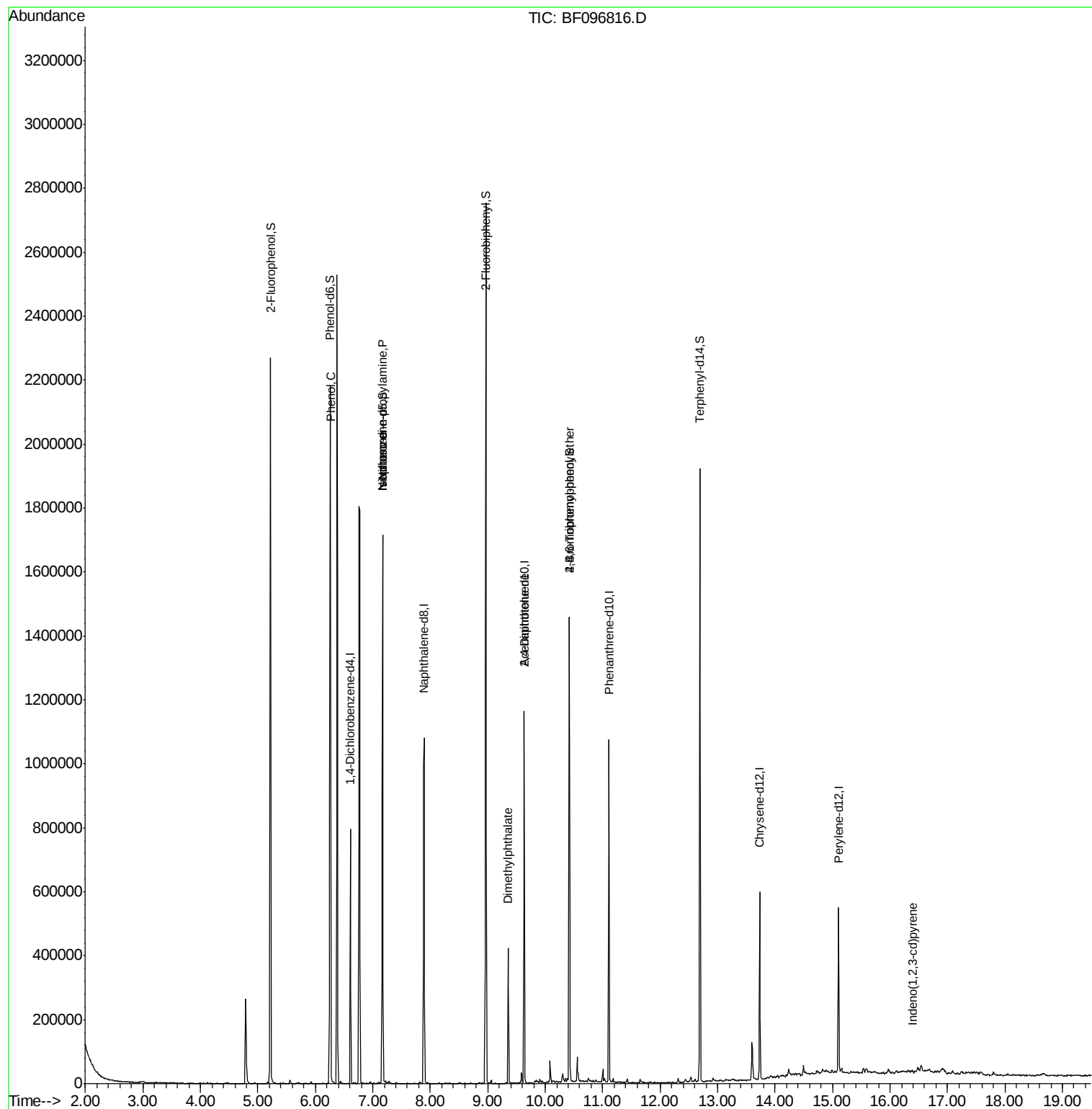
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	111238	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	508662	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	222435	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	350262	20.00	ng	0.00
75) Chrysene-d12	13.73	240	196982	20.00	ng	0.00
86) Perylene-d12	15.10	264	200125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	666641	90.11	ng	0.01
7) Phenol-d6	6.26	99	835381	94.10	ng	0.00
23) Nitrobenzene-d5	7.17	82	547140	66.63	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	156034	82.18	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	922031	65.49	ng	0.00
78) Terphenyl-d14	12.69	244	564426	49.69	ng	0.00
Target Compounds						
10) Phenol	6.27	94	25546	2.545	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	72200	13.499	ng	# 88
25) Isophorone	7.17	82	504283	33.010	ng	# 67
49) Dimethylphthalate	9.36	163	154737	9.239	ng	99
56) 2,4-Dinitrotoluene	9.63	165	28225	6.055	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	10194	2.851	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.39	276	1951	3.496	ng	# 64

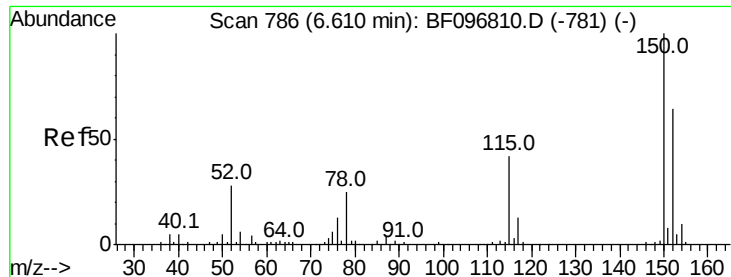
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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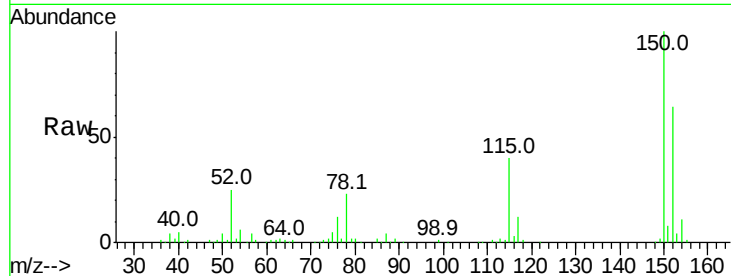


#1

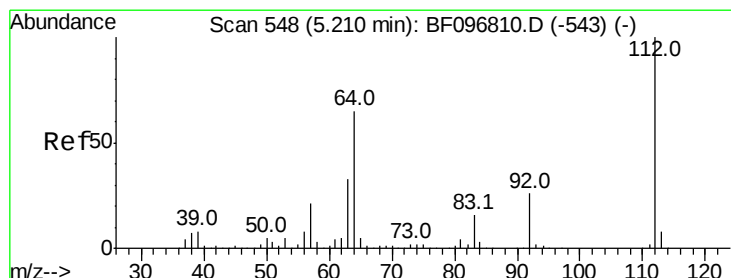
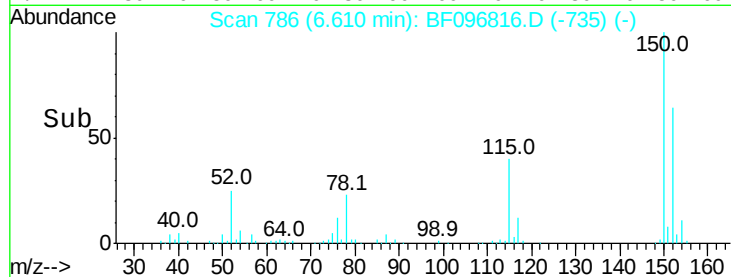
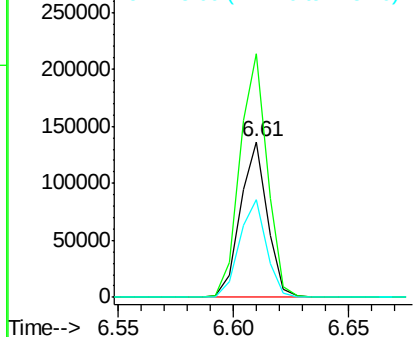
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF096816.D
Acq: 17 Jul 2017 13:47

Instrument :
BNA_F
ClientSampleId :
GAS-BOTTOM

Tot Ion:152 Resp: 111238
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 62.4 52.2 78.2



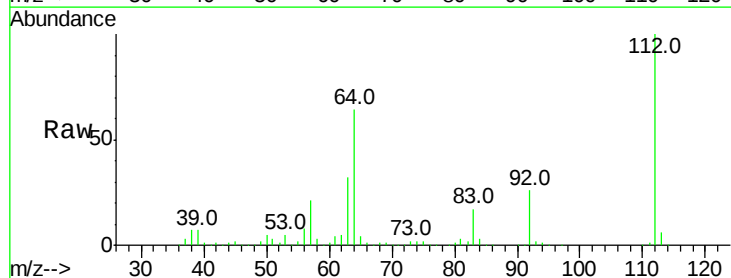
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



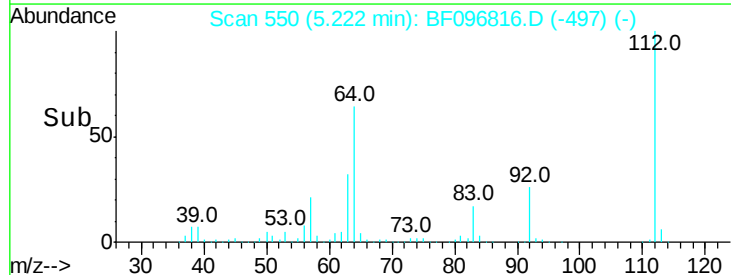
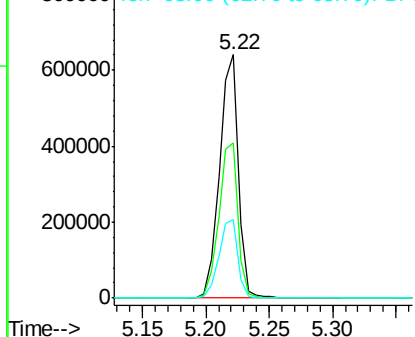
#5

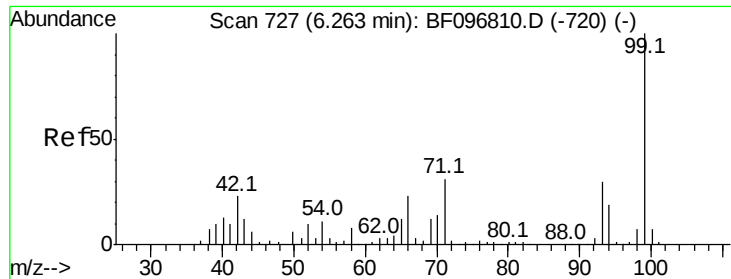
2-Fluorophenol
Concen: 90.109 ng
RT: 5.22 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF096816.D
Acq: 17 Jul 2017 13:47

Tgt Ion:112 Resp: 666641
Ion Ratio Lower Upper
112 100
64 63.7 46.0 69.0
63 32.3 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: 94.095 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF096816.D

Acq: 17 Jul 2017 13:47

Instrument :

BNA_F

ClientSampleId :

GAS-BOTTOM

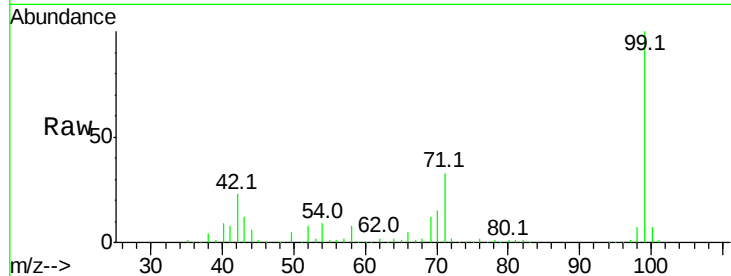
Tot Ion: 99 Resp: 835381

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

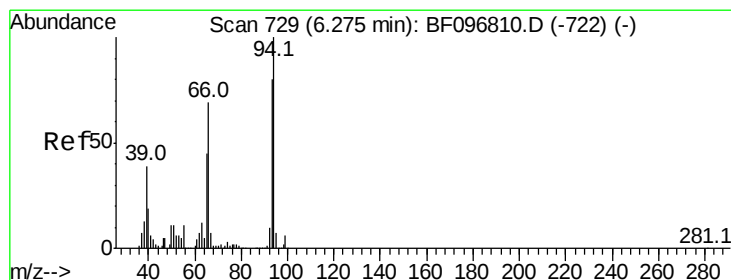
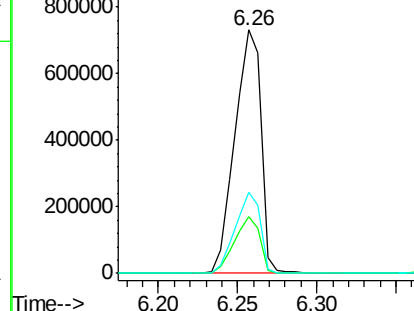
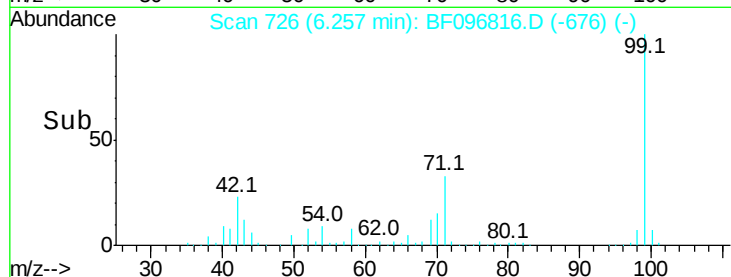
71 33.2 24.5 36.7



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



#10

Phenol

Concen: 2.545 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096816.D

Acq: 17 Jul 2017 13:47

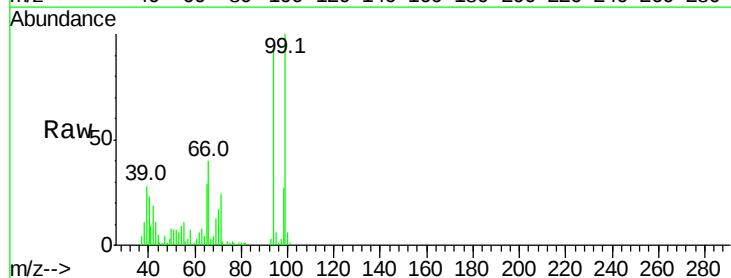
Tgt Ion: 94 Resp: 25546

Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

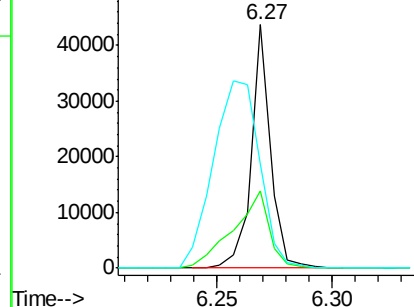
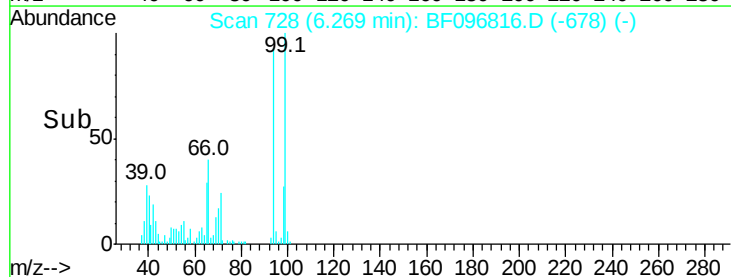
66 42.6 23.1 63.1

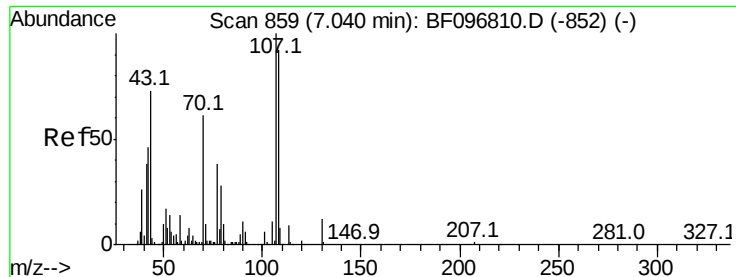


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 13.499 ng

RT: 7.17 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF096816.D

Acq: 17 Jul 2017 13:47

Instrument :

BNA_F

ClientSampleId :

GAS-BOTTOM

Tot Ion: 70 Resp: 72200

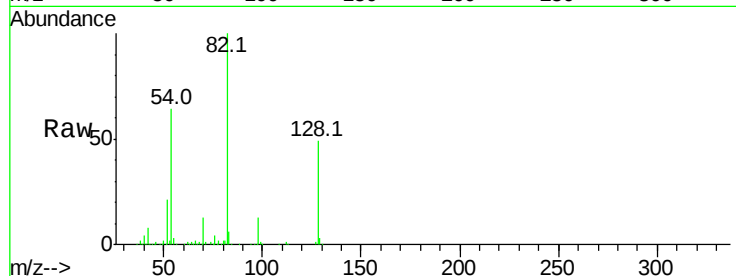
Ion Ratio Lower Upper

70 100

42 58.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

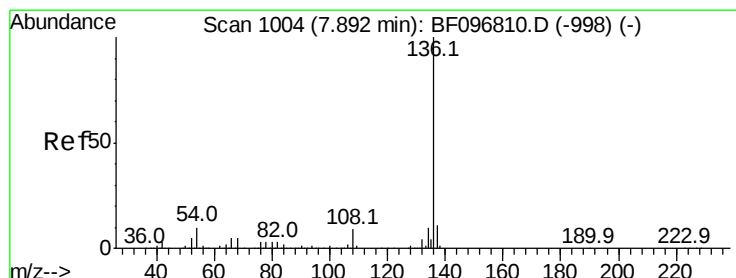
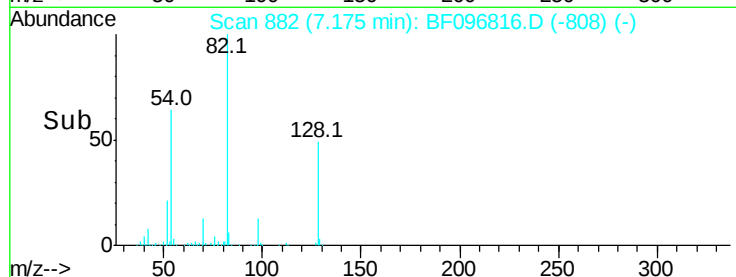
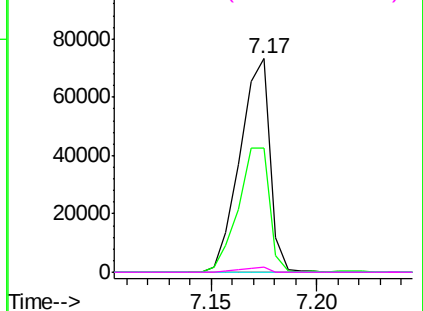


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF096816.D

Acq: 17 Jul 2017 13:47

Tgt Ion: 136 Resp: 508662

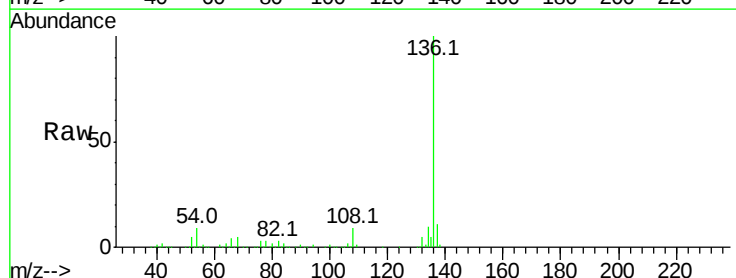
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.3 4.9 7.3#

68 4.6 4.1 6.1

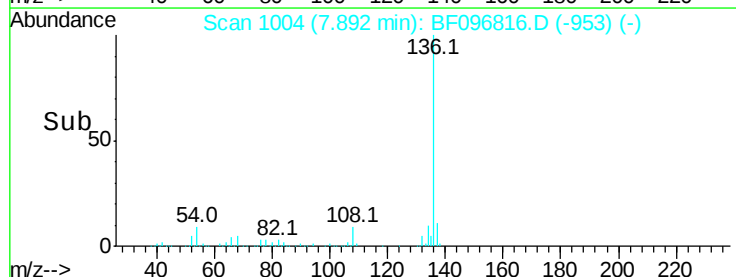
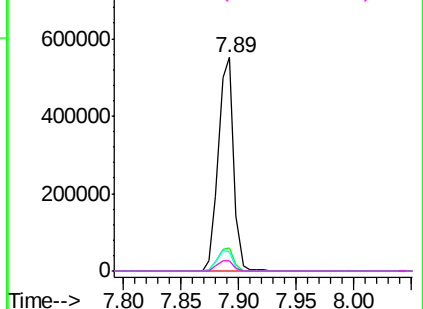


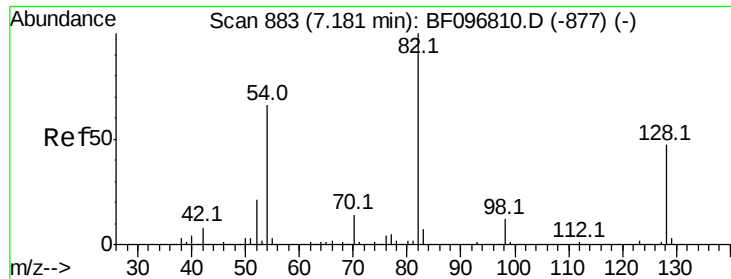
Abundance Ion 136.00 (135.70 to 136.70): E

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

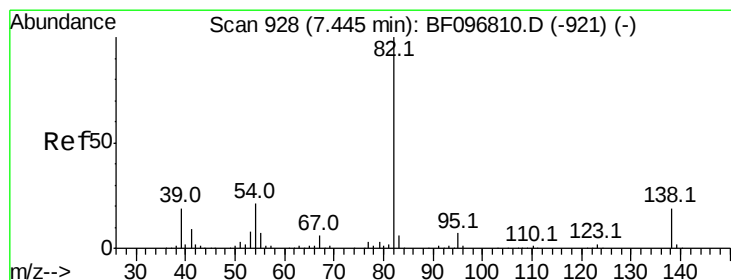
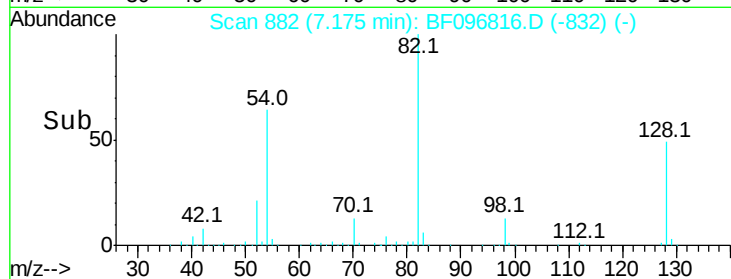
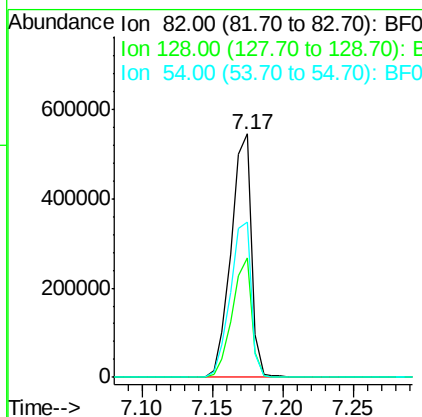
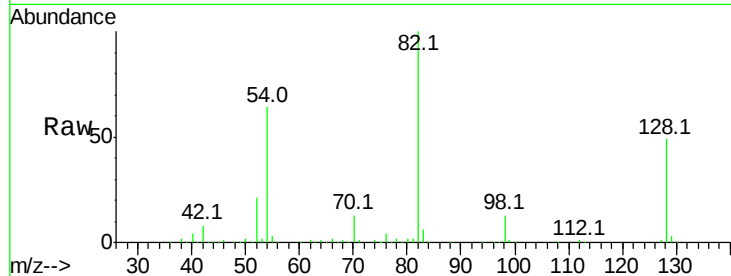




#23
 Nitrobenzene-d5
 Concen: 66.626 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

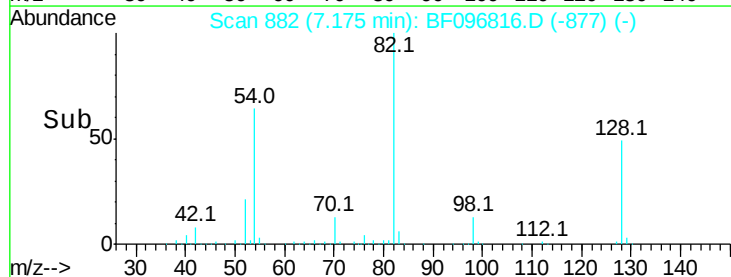
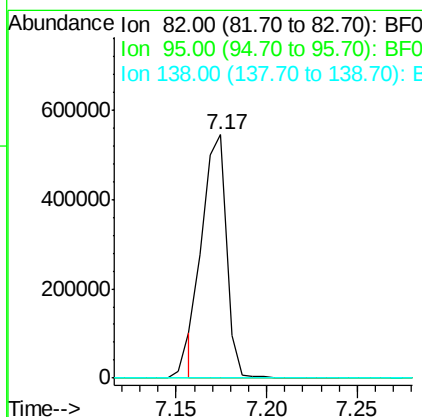
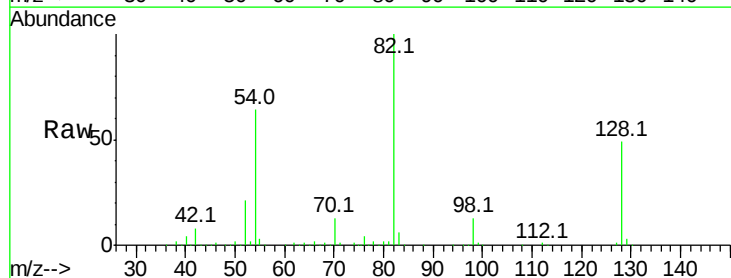
Instrument :
 BNA_F
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 GAS-BOTTOM

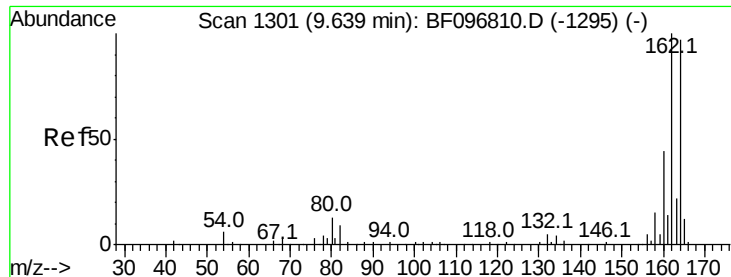
Tot Ion: 82 Resp: 547140
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 64.0 42.2 63.2#



#25
 Isophorone
 Concen: 33.010 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Tgt Ion: 82 Resp: 504283
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

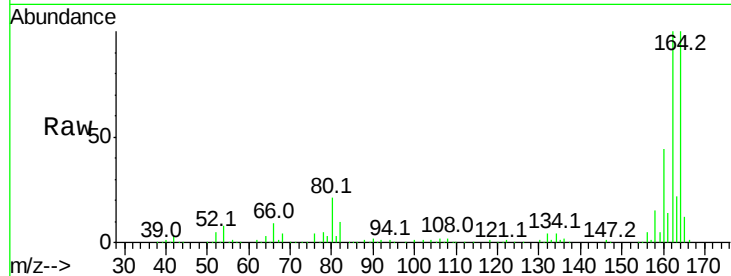




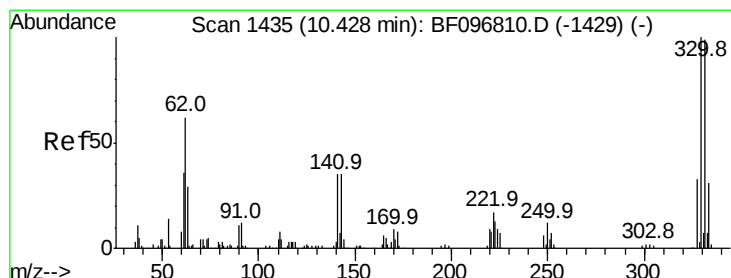
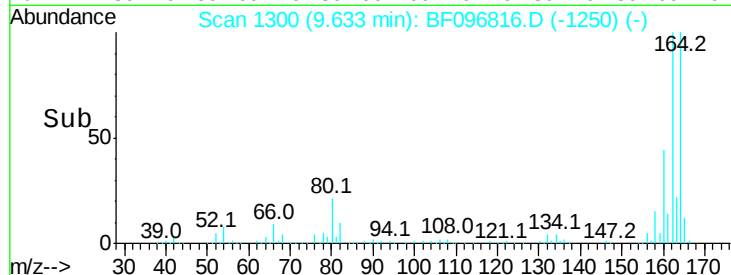
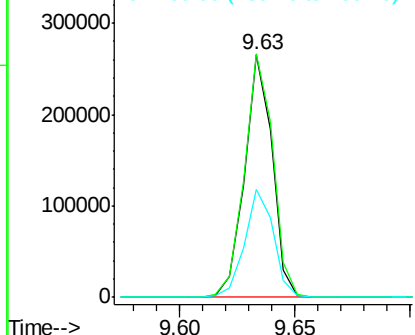
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 GAS-BOTTOM

Tot Ion:164 Resp: 222435
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.6 123.8
 160 44.4 36.2 54.2

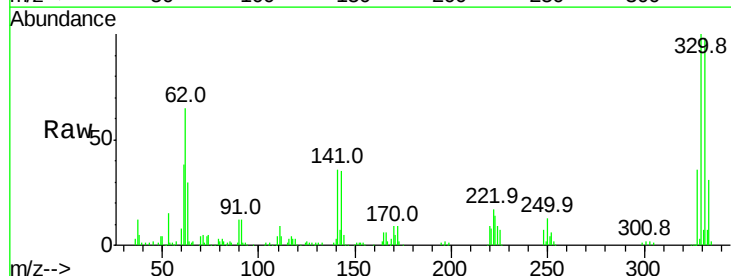


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

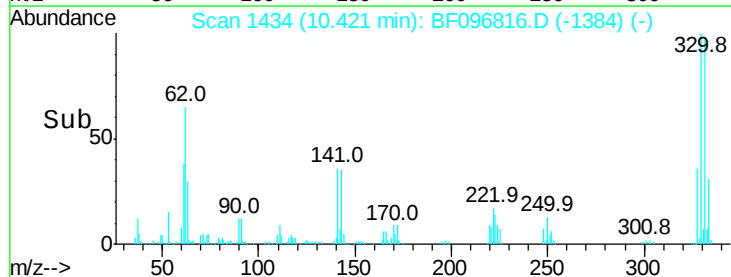
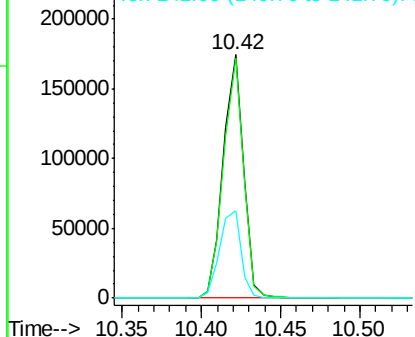


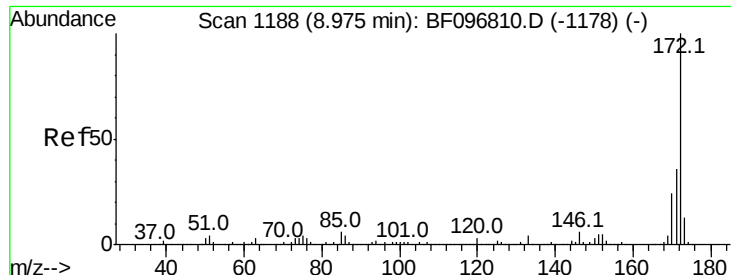
#41
 2,4,6-Tribromophenol
 Concen: 82.181 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Tgt Ion:330 Resp: 156034
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.8 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

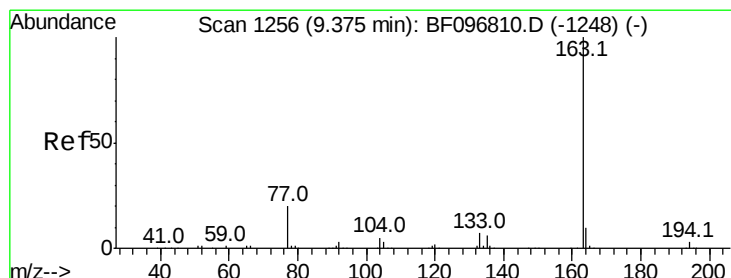
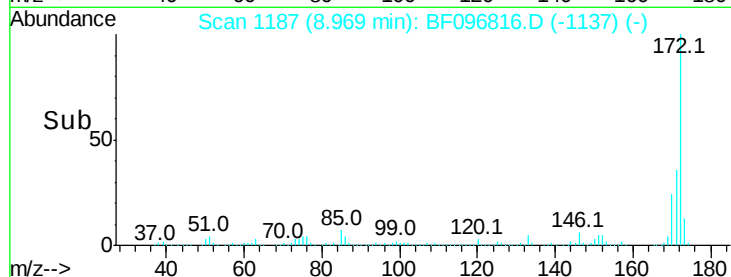
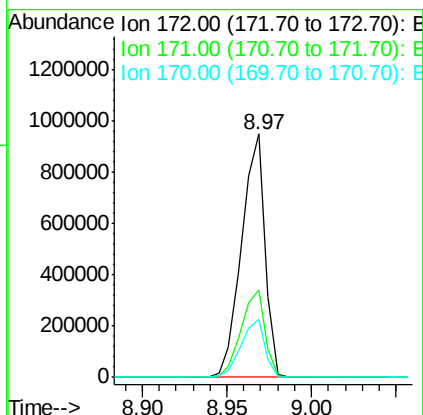
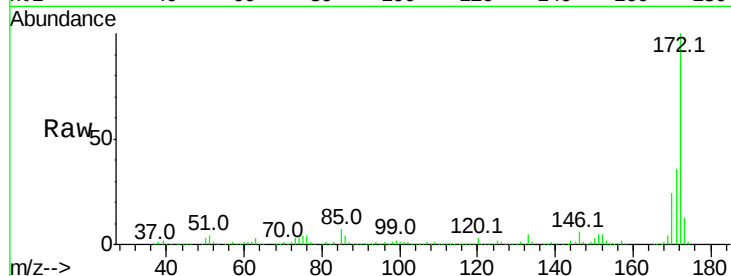




#44
 2-Fluorobiphenyl
 Concen: 65.490 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

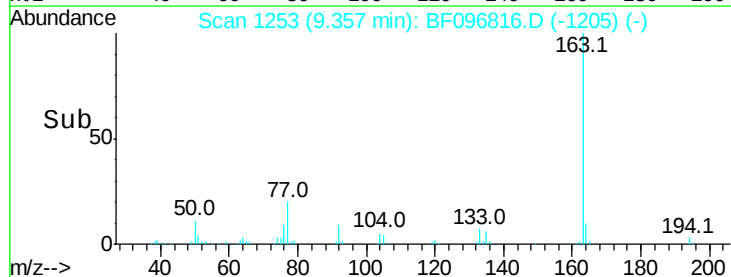
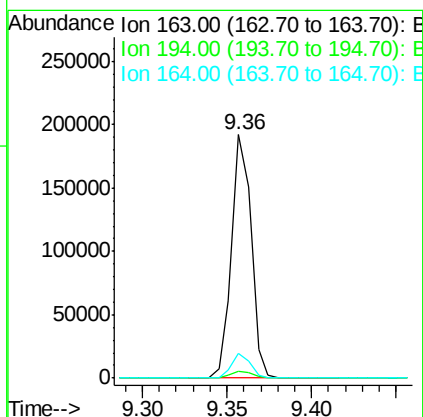
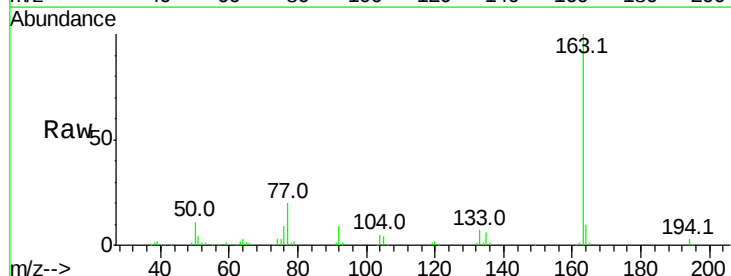
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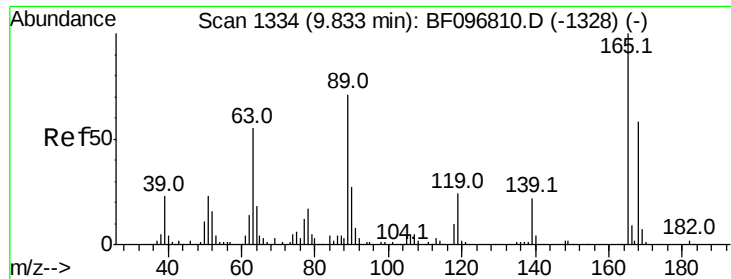
Tot Ion:172 Resp: 922031
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 9.239 ng
 RT: 9.36 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Tgt Ion:163 Resp: 154737
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.6 4.0
 164 10.3 8.4 12.6

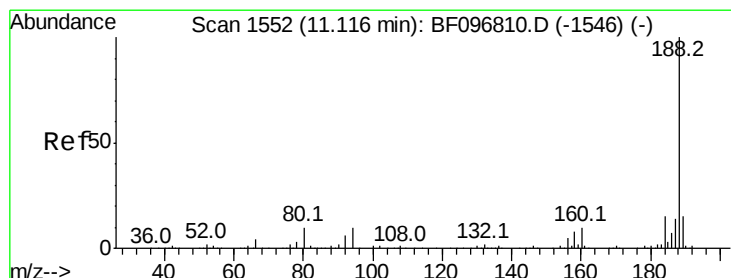
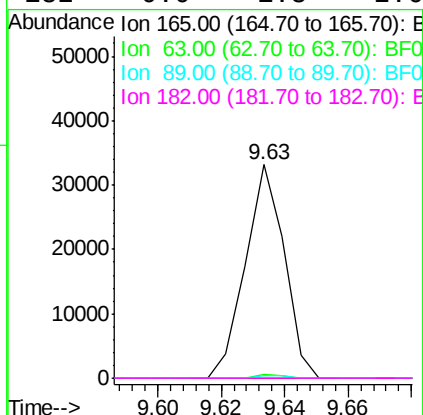
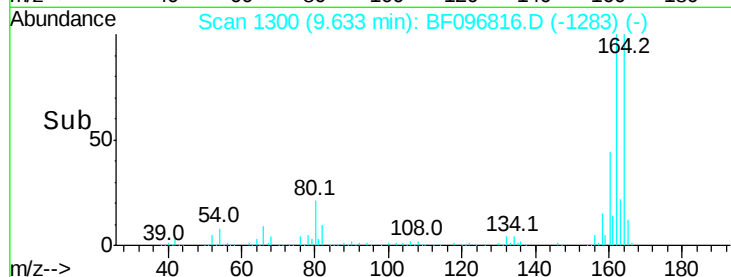
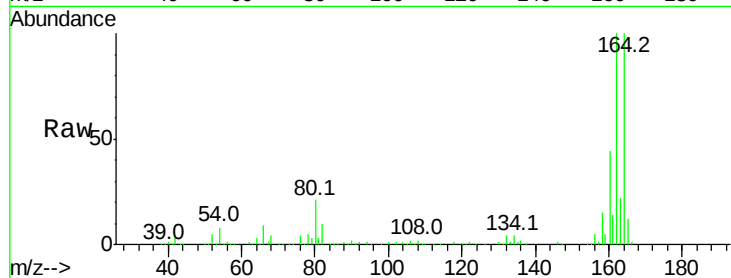




#56
 2,4-Dinitrotoluene
 Concen: 6.055 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

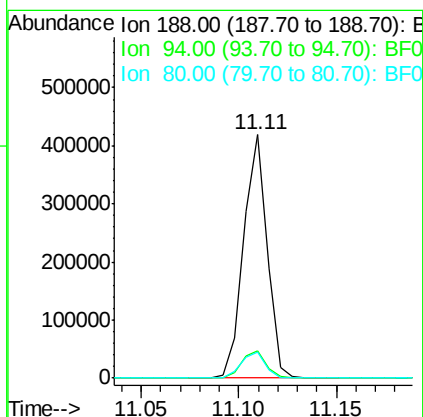
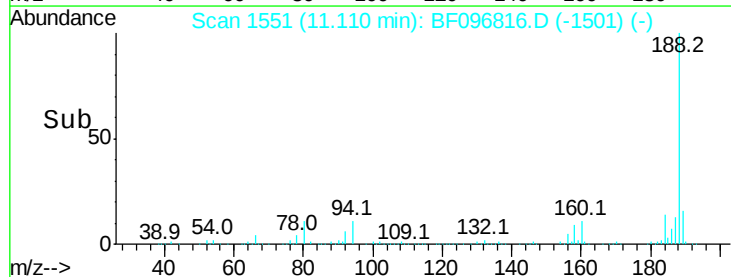
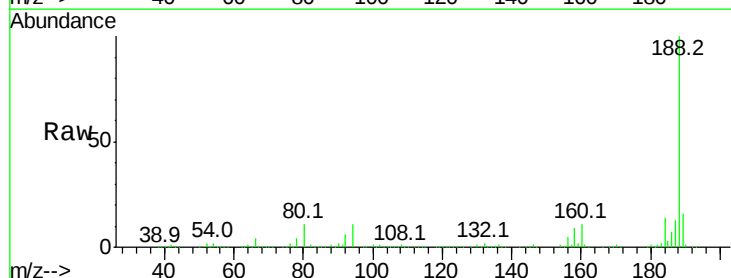
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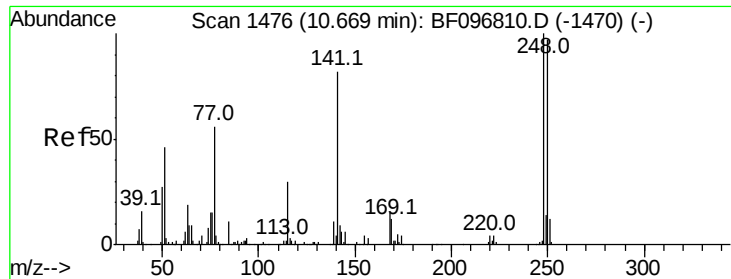
Tot Ion:165 Resp: 28225
 Ion Ratio Lower Upper
 165 100
 63 1.9 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Tgt Ion:188 Resp: 350262
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 10.7 10.2 15.2

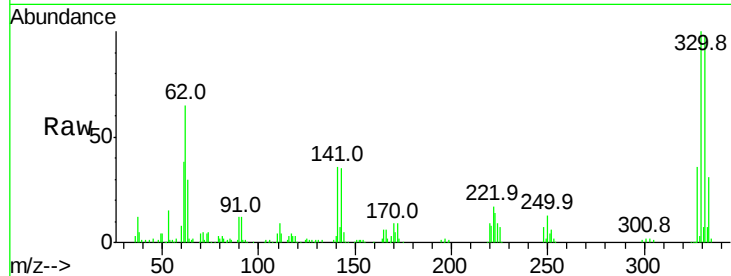




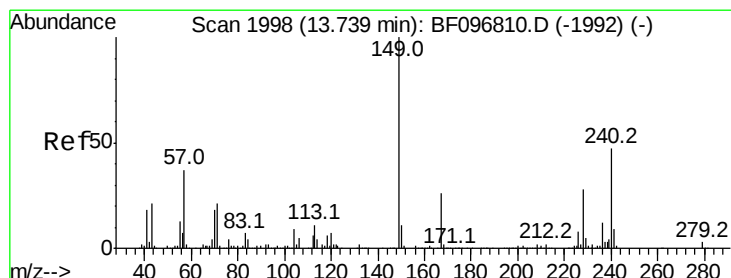
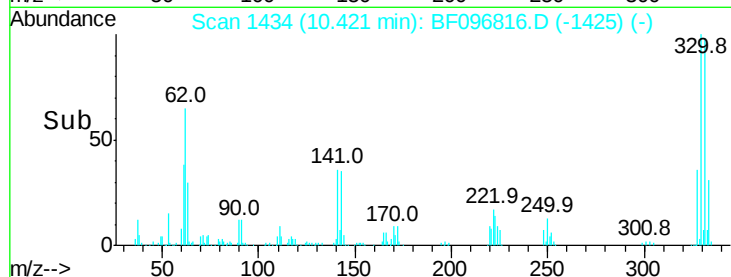
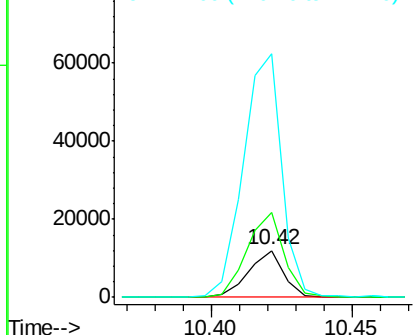
#66
 4-Bromophenyl-phenylether
 Concen: 2.851 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Instrument :
 BNA_F
 ClientSampleId :
 GAS-BOTTOM

Tot Ion:248 Resp: 10194
 Ion Ratio Lower Upper
 248 100
 250 181.5 76.8 115.2#
 141 518.8 68.6 103.0#

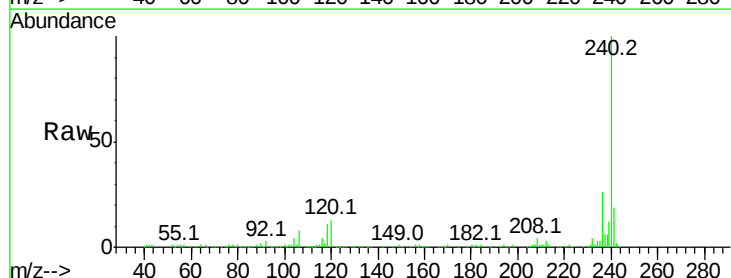


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

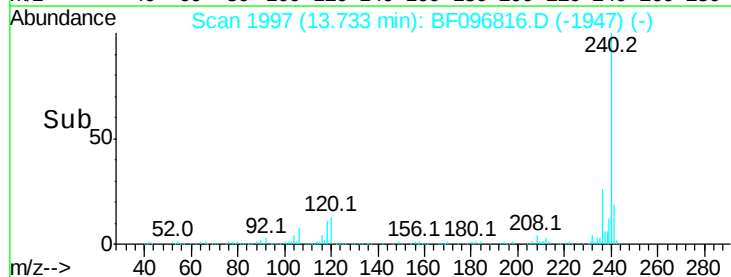
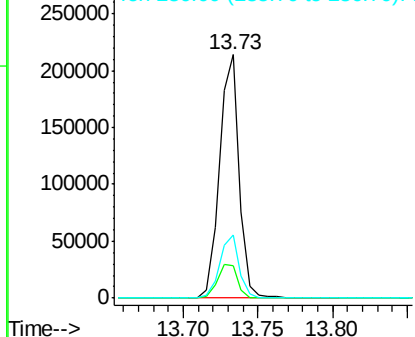


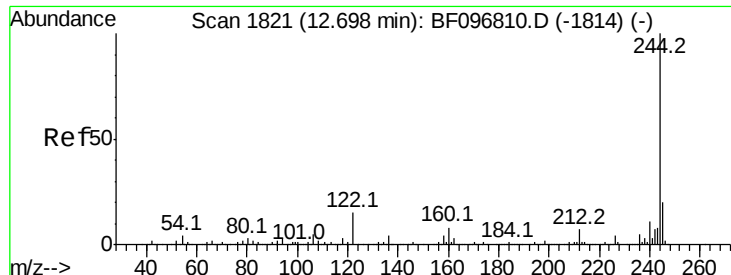
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096816.D
 Acq: 17 Jul 2017 13:47

Tgt Ion:240 Resp: 196982
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 26.1 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: 49.693 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096816.D

Acq: 17 Jul 2017 13:47

Instrument :

BNA_F

ClientSampleId :

GAS-BOTTOM

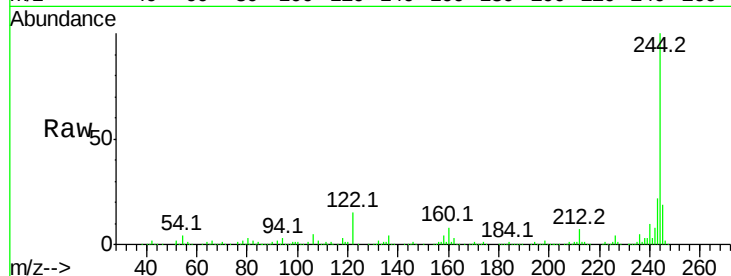
Tot Ion:244 Resp: 564426

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

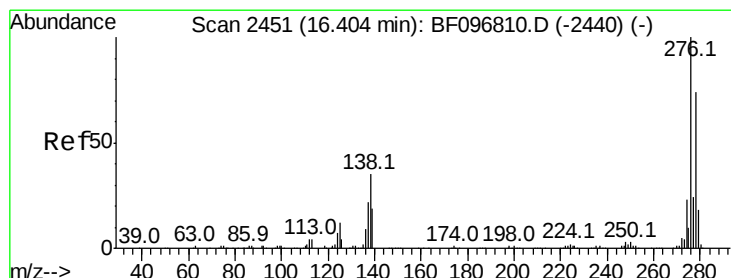
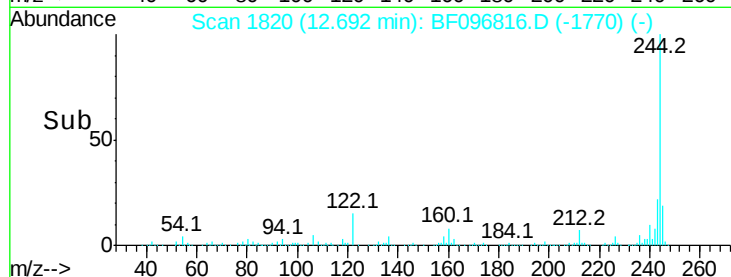
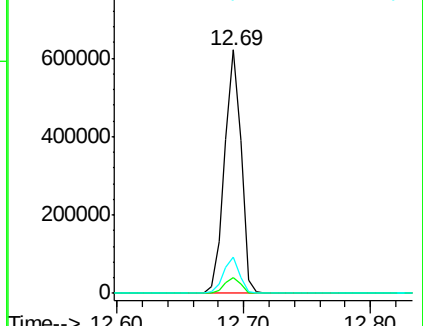
122 14.8 10.3 15.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.496 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BF096816.D

Acq: 17 Jul 2017 13:47

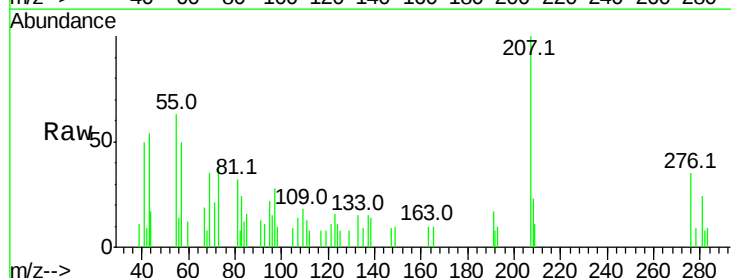
Tgt Ion:276 Resp: 1951

Ion Ratio Lower Upper

276 100

138 49.3 27.8 41.6#

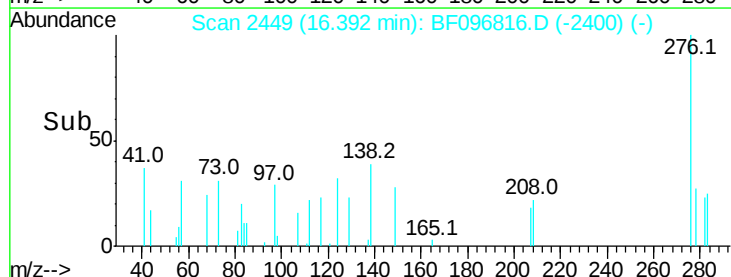
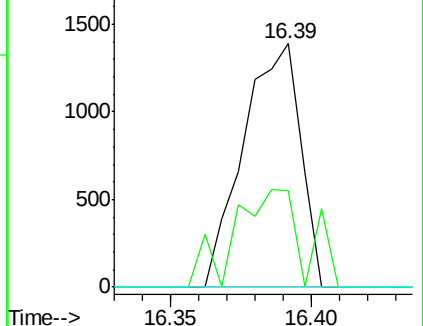
277 0.0 20.2 30.4#

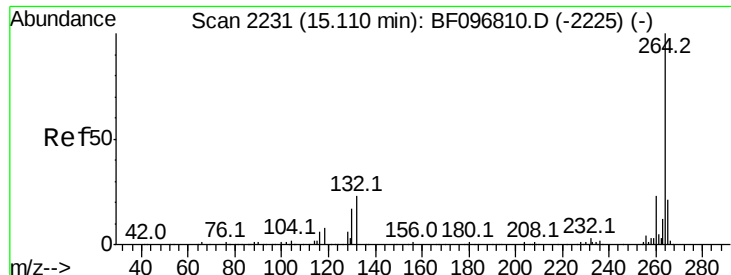


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF096816.D
Acq: 17 Jul 2017 13:47

Instrument :
BNA_F
ClientSampleId :
GAS-BOTTOM

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	19.5	29.3	
265	19.9	17.2	25.8	

