

Data File : BF096919.D
Acq On : 20 Jul 2017 21:33
Operator : SJ/JU
Sample : I4312-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
156

Quant Time: Jul 21 03:28:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	91047	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	412478	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	153686	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	218839	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	170706	20.00	ng	-0.04
86) Perylene-d12	15.07	264	180733	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	881196	145.52	ng	-0.02
7) Phenol-d6	6.23	99	941896	129.62	ng	-0.02
23) Nitrobenzene-d5	7.13	82	551315	82.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	153493	117.01	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	816361	83.92	ng	-0.03
78) Terphenyl-d14	12.66	244	457054	46.43	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	73529	16.80	ng	# 87
25) Isophorone	7.13	82	533522	43.07	ng	# 67
49) Dimethylphthalate	9.33	163	173890	15.03	ng	100
56) 2,4-Dinitrotoluene	9.60	165	19688	6.11	ng	# 31
66) 4-Bromophenyl-phenylether	10.39	248	9553	4.28	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.34	276	1509	3.48	ng	# 86

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

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156

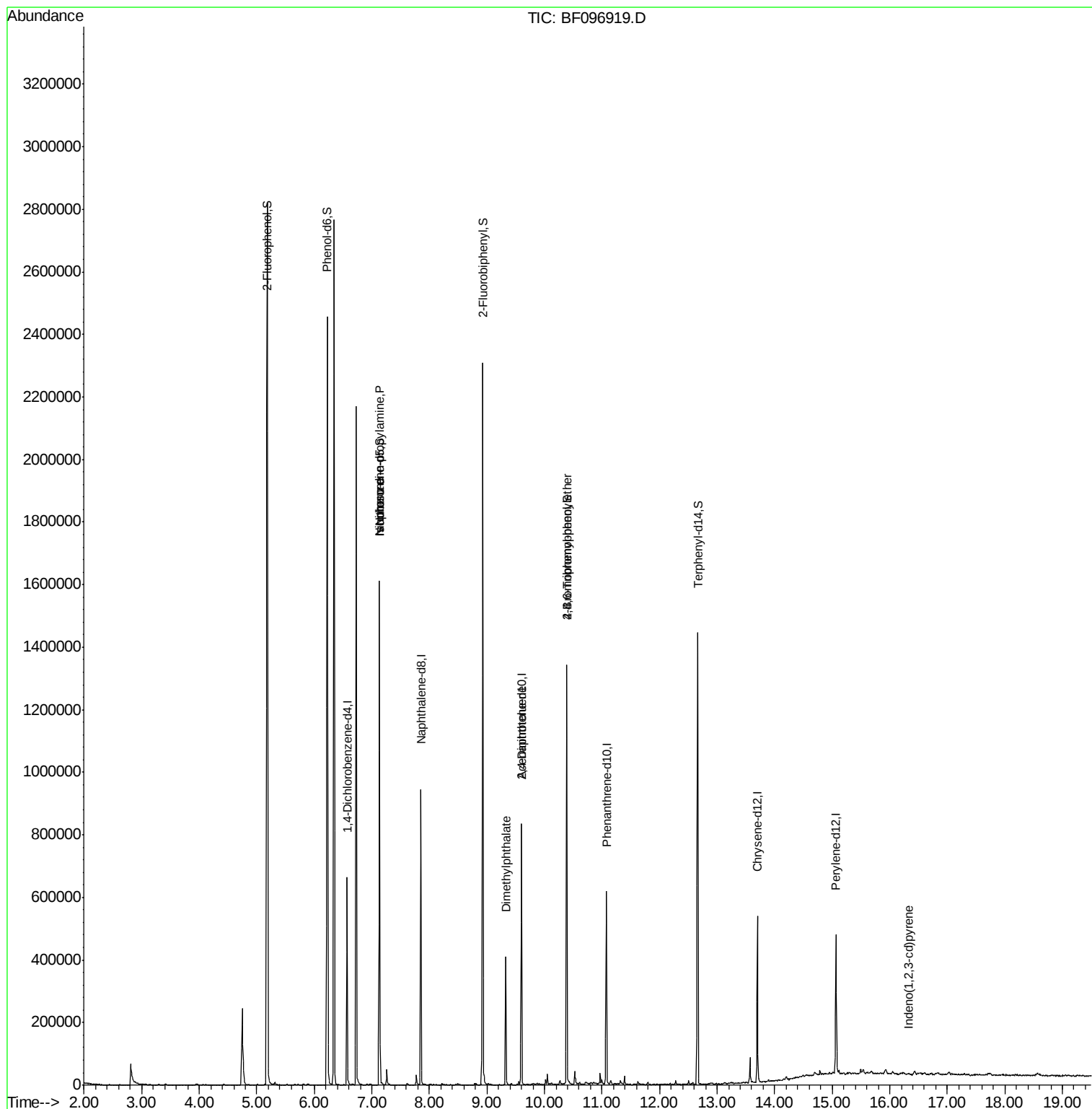
Quant Time: Jul 21 03:28:07 2017

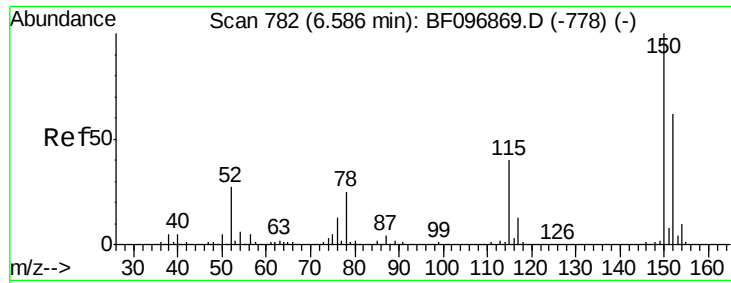
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 779

Delta R.T. -0.03 min

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Instrument :

BNA_F

ClientSampleId :

156

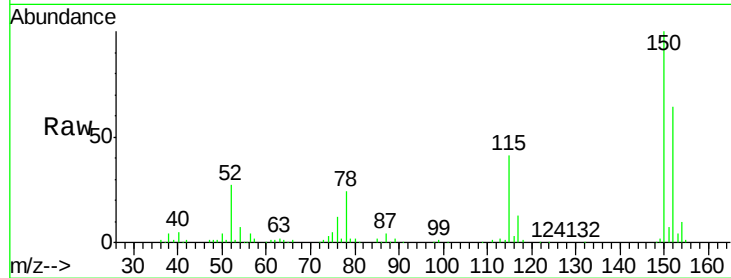
Tgt Ion:152 Resp: 91047

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

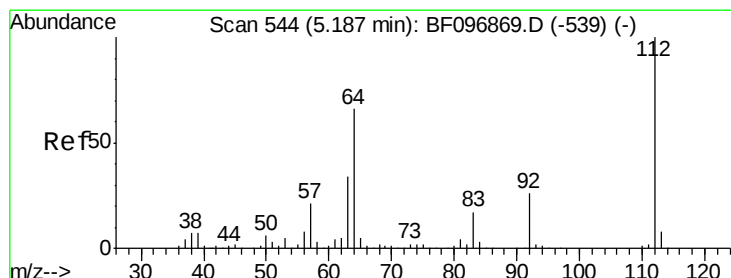
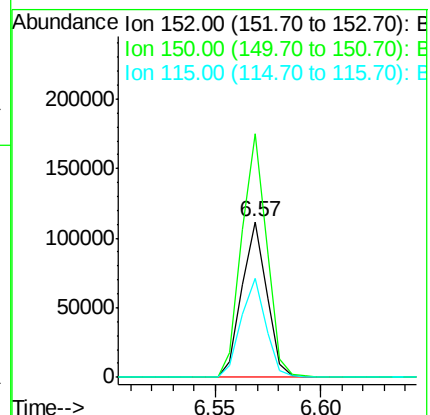
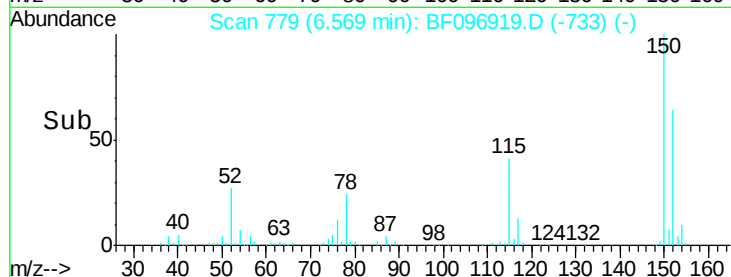
115 63.8 52.2 78.2



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: 145.52 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

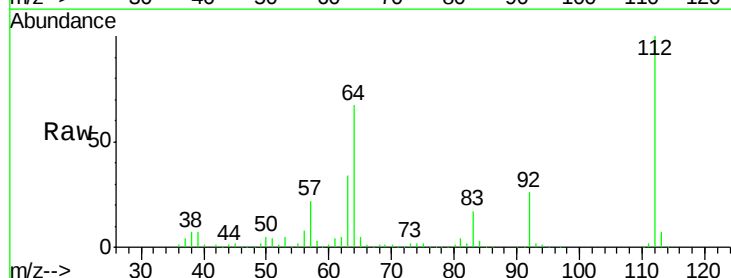
Tgt Ion:112 Resp: 881196

Ion Ratio Lower Upper

112 100

64 66.6 46.0 69.0

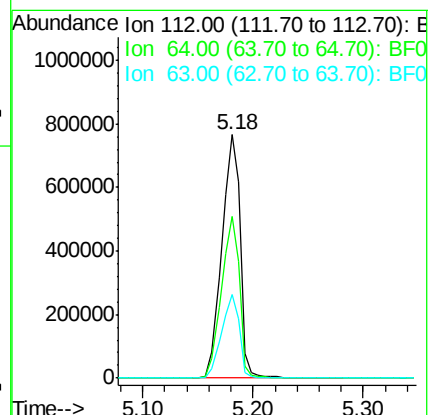
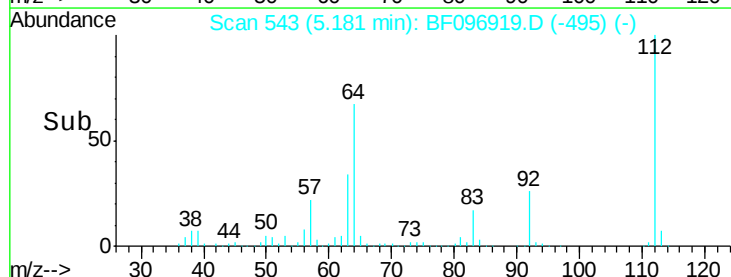
63 34.3 23.4 35.0

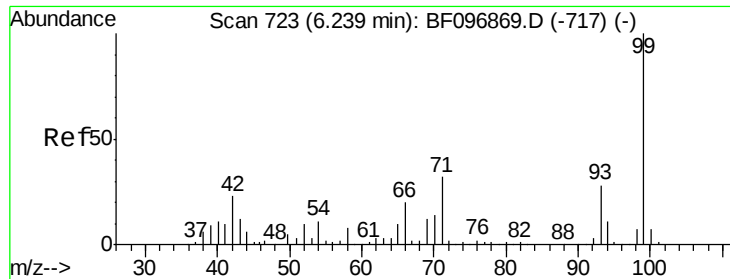


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.62 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampled :

156

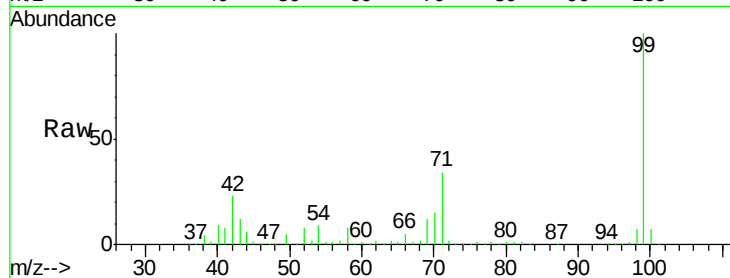
Tgt Ion: 99 Resp: 941896

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

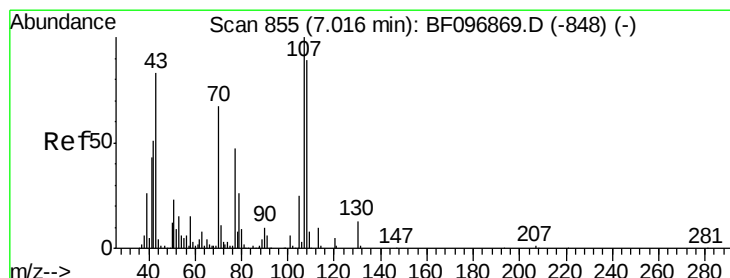
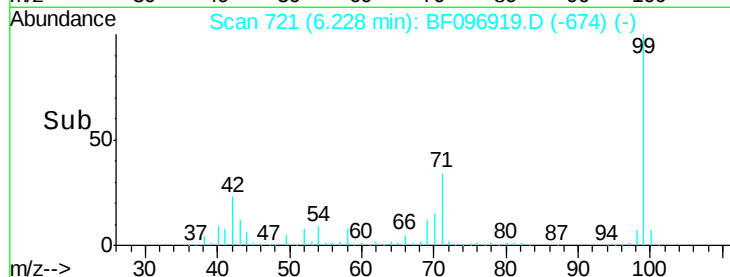
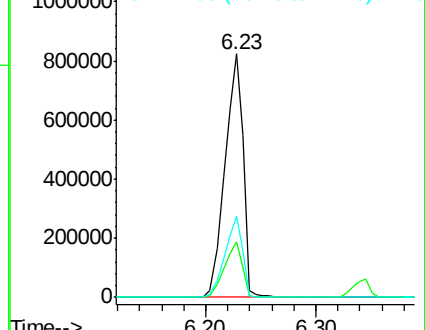
71 33.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.80 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Tgt Ion: 70 Resp: 73529

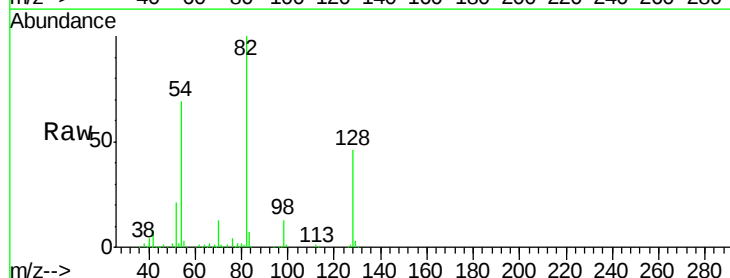
Ion Ratio Lower Upper

70 100

42 60.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

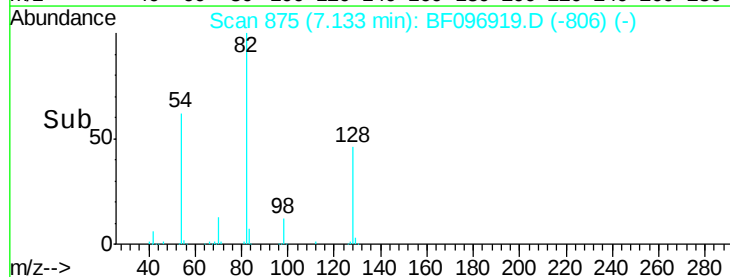
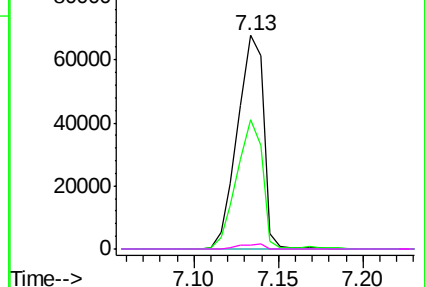


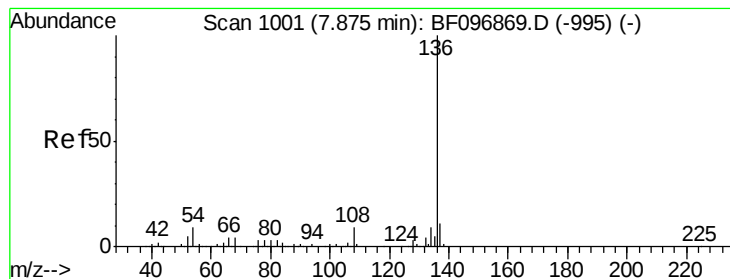
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampleId :

156

Tgt Ion: 136 Resp: 412478

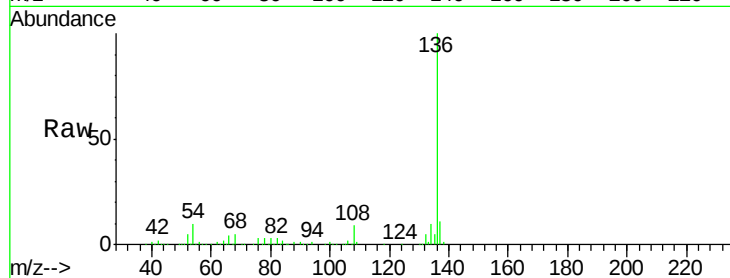
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.0 4.9 7.3#

68 5.0 4.1 6.1

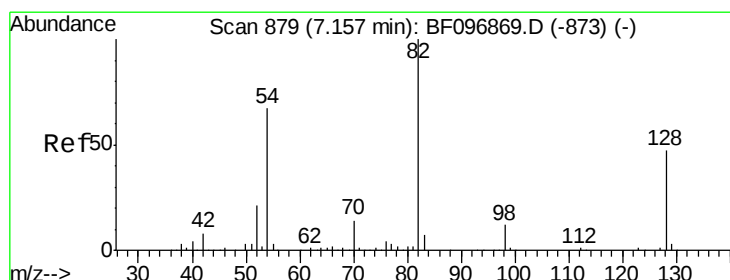
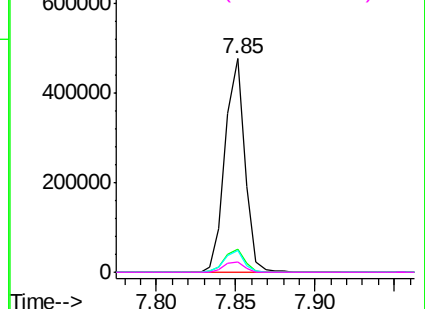
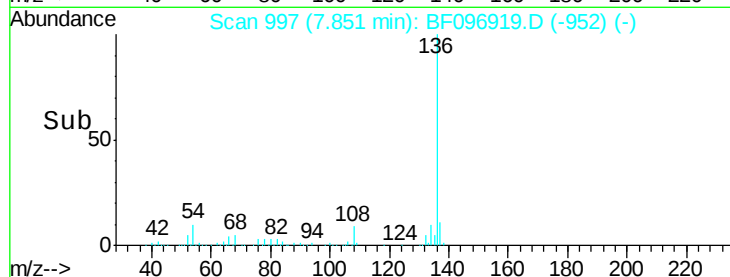


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.79 ng

RT: 7.13 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

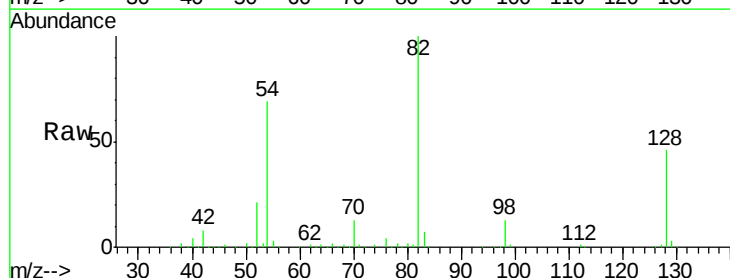
Tgt Ion: 82 Resp: 551315

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

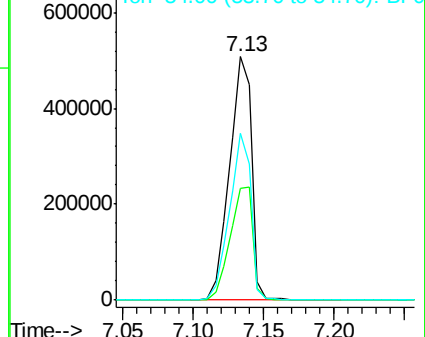
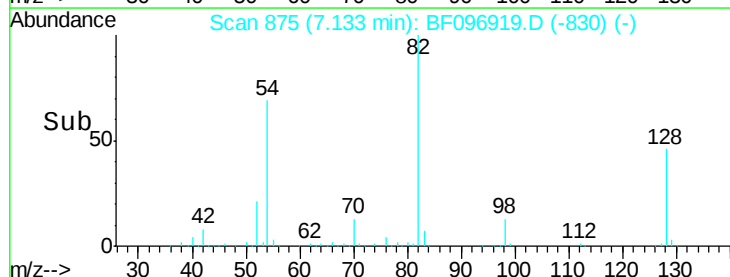
54 68.7 42.2 63.2#

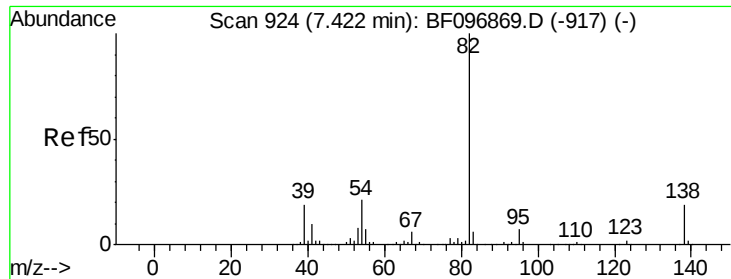


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

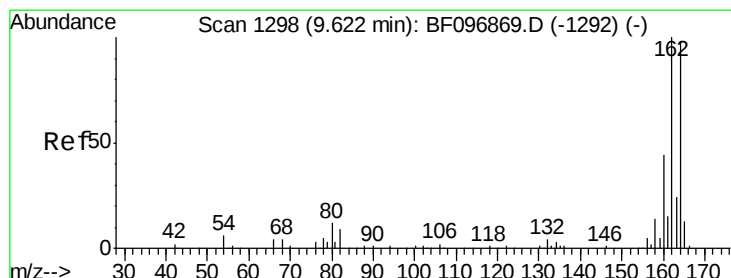
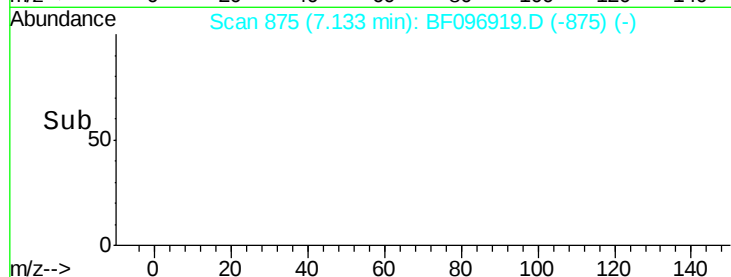
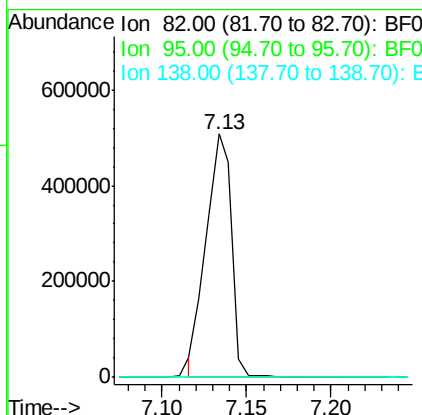
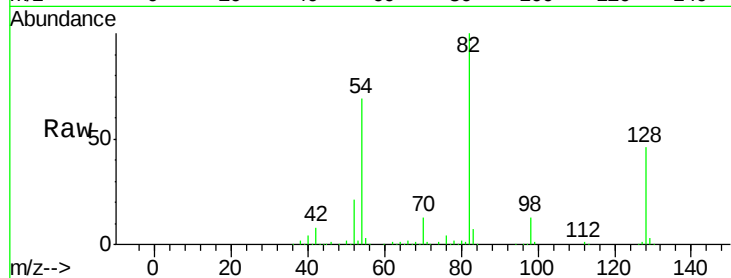




#25
Isophorone
Concen: 43.07 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.30 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

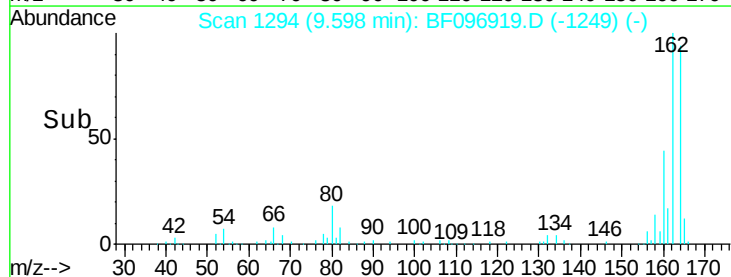
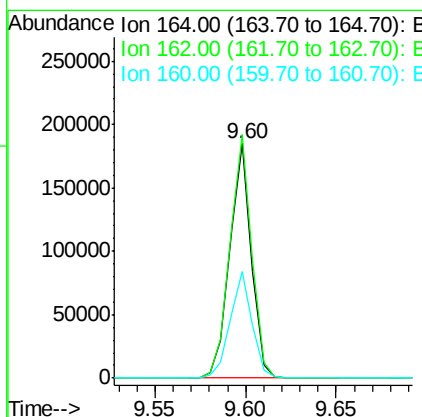
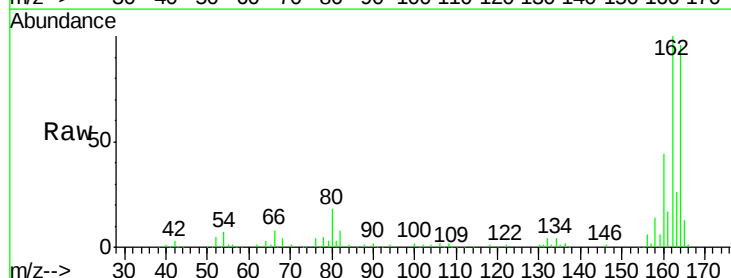
Instrument :
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156

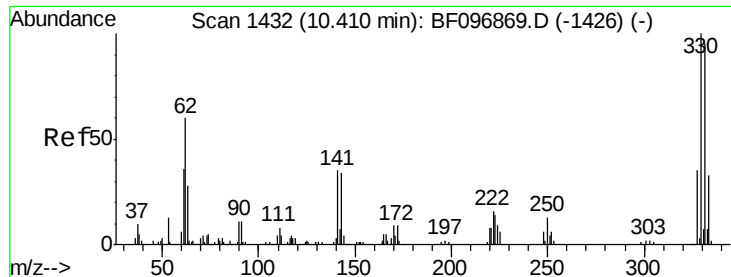
Tgt Ion: 82 Resp: 533522
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Tgt Ion: 164 Resp: 153686
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.6 36.2 54.2

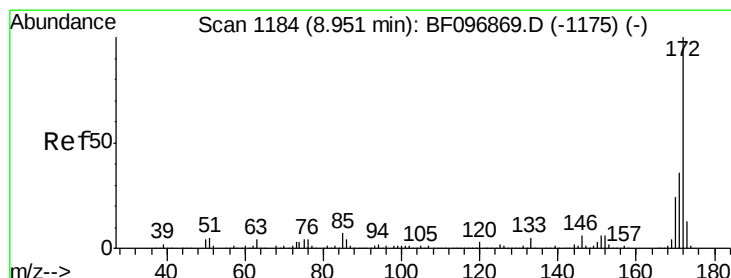
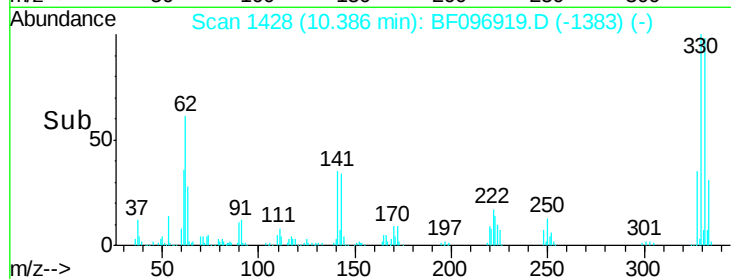
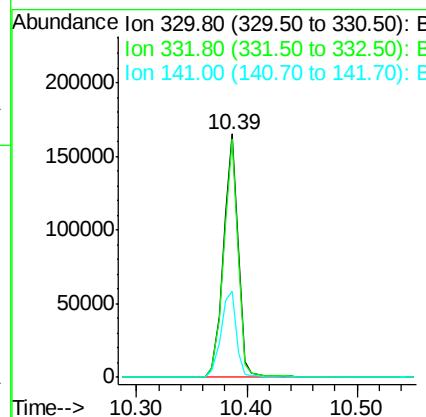
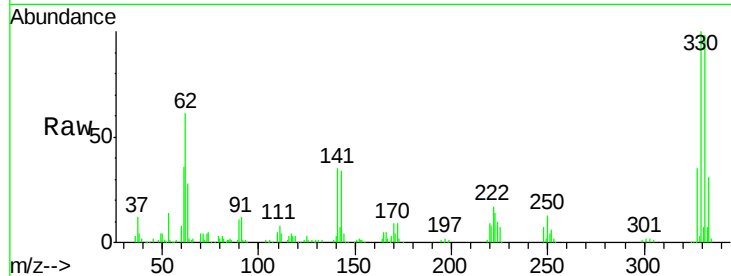




#41
 2,4,6-Tribromophenol
 Concen: 117.01 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096919.D
 Acq: 20 Jul 2017 21:33

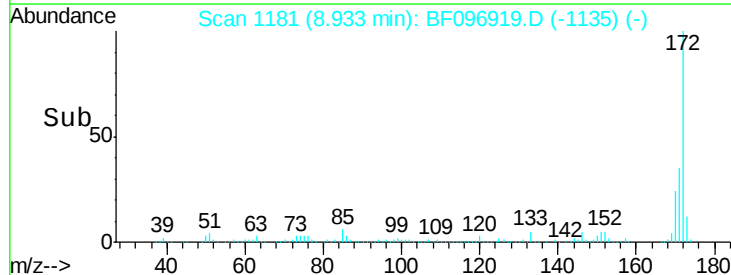
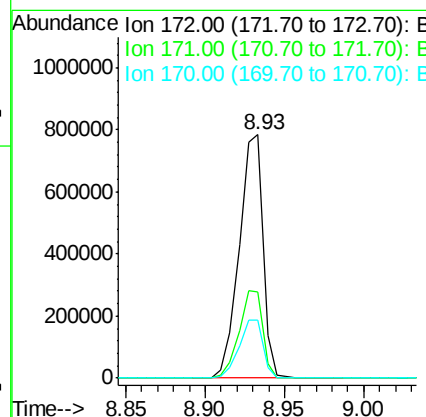
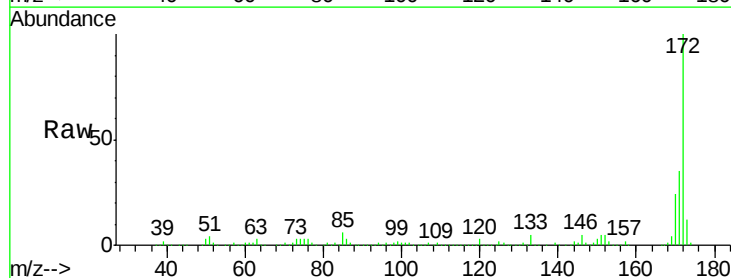
Instrument :
 BNA_F
 ClientSampled :
 156

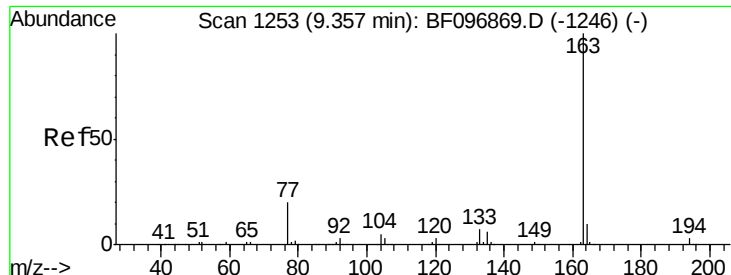
Tgt Ion:330 Resp: 153493
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.92 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096919.D
 Acq: 20 Jul 2017 21:33

Tgt Ion:172 Resp: 816361
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.8 19.8 29.8

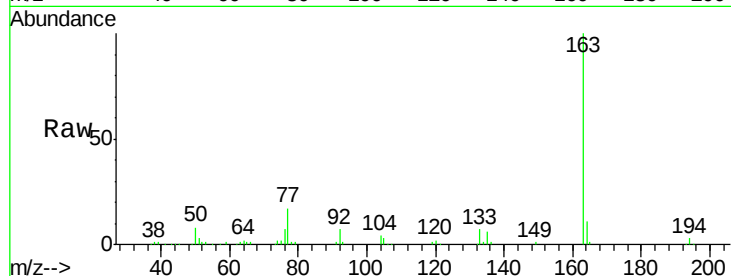




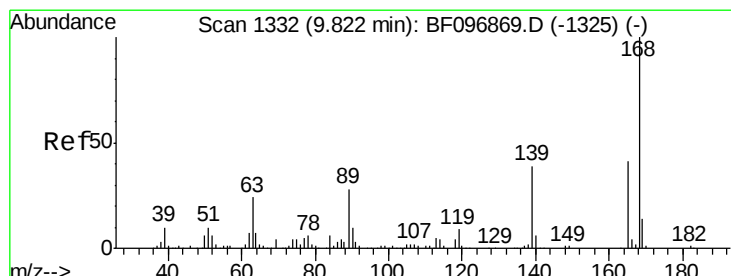
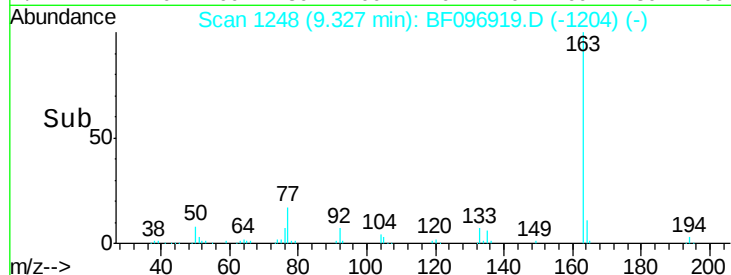
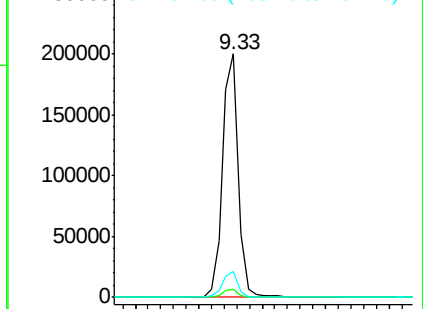
#49
Dimethylphthalate
Concen: 15.03 ng
RT: 9.33 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Instrument :
BNA_F
ClientSampleId :
156

Tgt Ion:163 Resp: 173890
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.4 12.6

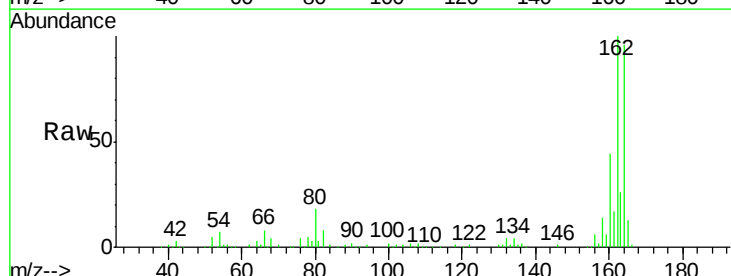


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

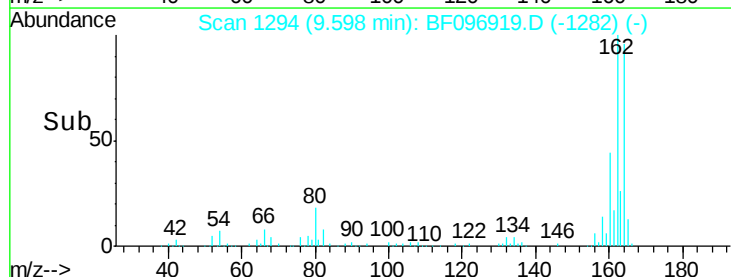
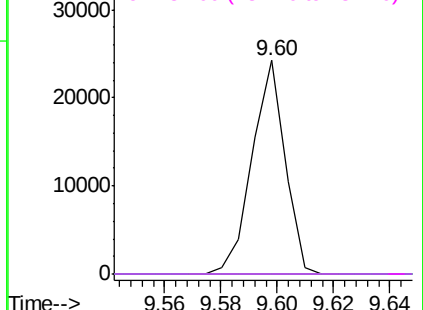


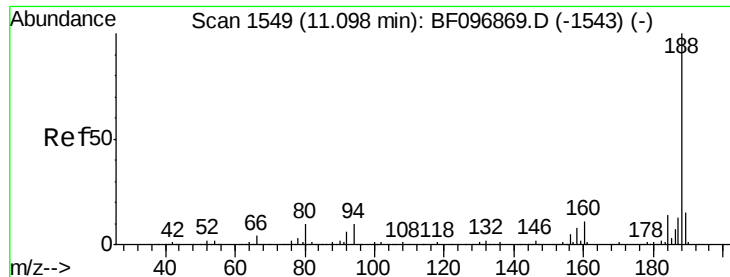
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Tgt Ion:165 Resp: 19688
Ion Ratio Lower Upper
165 100
63 0.0 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

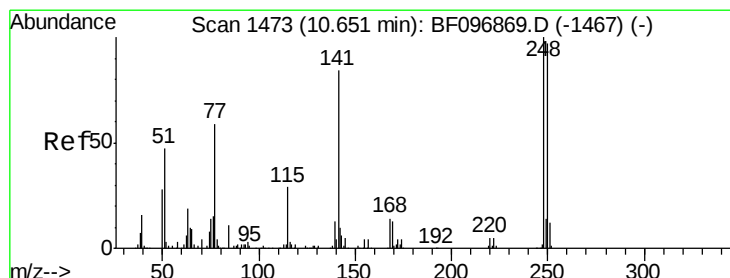
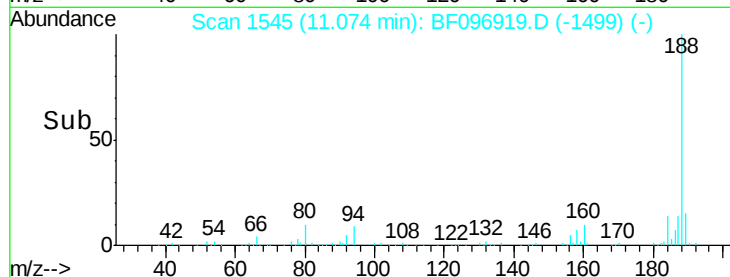
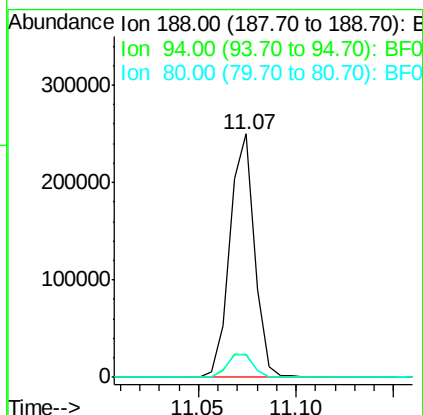
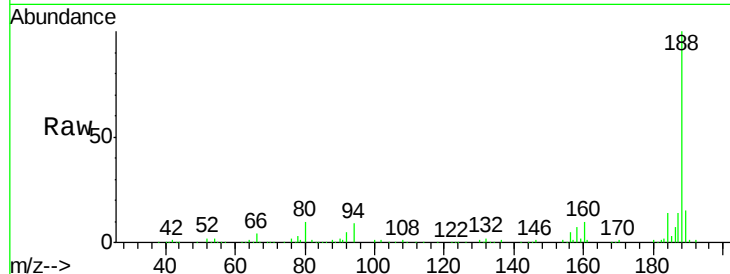




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

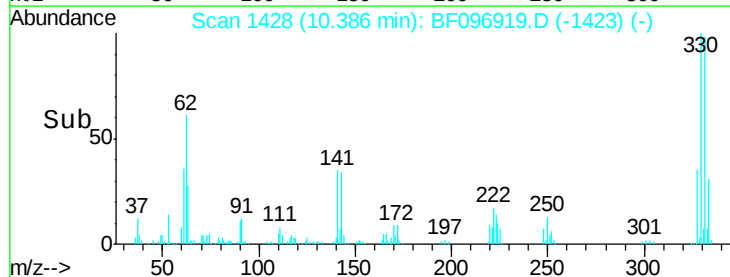
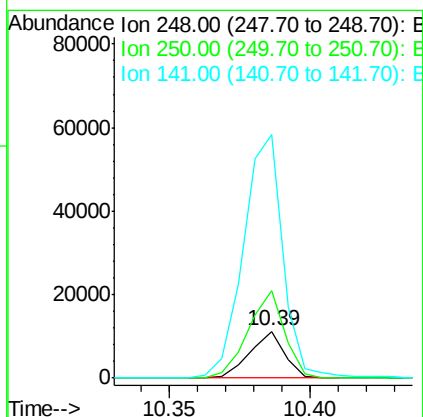
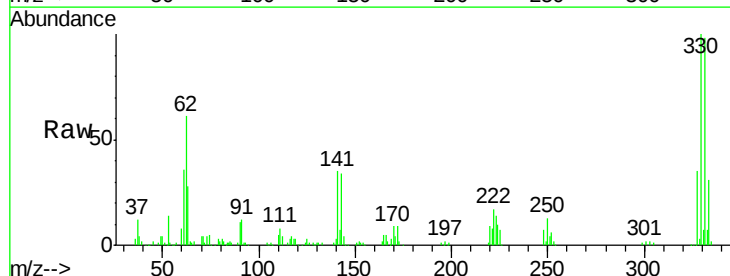
Instrument :
BNA_F
ClientSampleId :
156

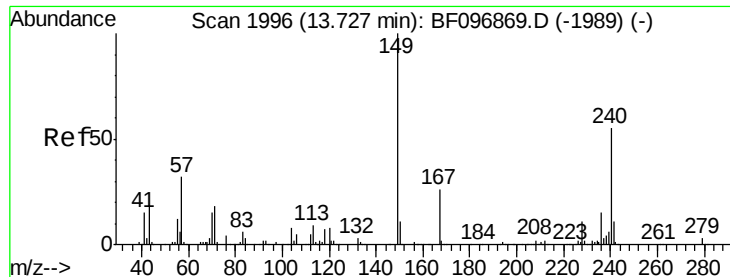
Tgt Ion:188 Resp: 218839
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 9.7 10.2 15.2#



#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.27 min
Lab File: BF096919.D
Acq: 20 Jul 2017 21:33

Tgt Ion:248 Resp: 9553
Ion Ratio Lower Upper
248 100
250 187.2 76.8 115.2#
141 521.3 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

Instrument :

BNA_F

ClientSampleId :

156

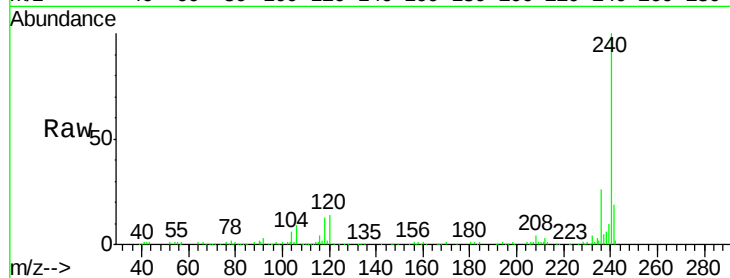
Tgt Ion:240 Resp: 170706

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

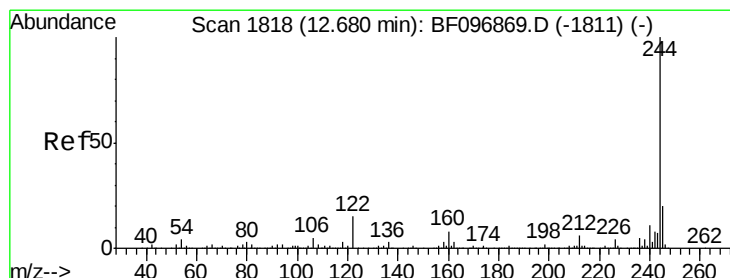
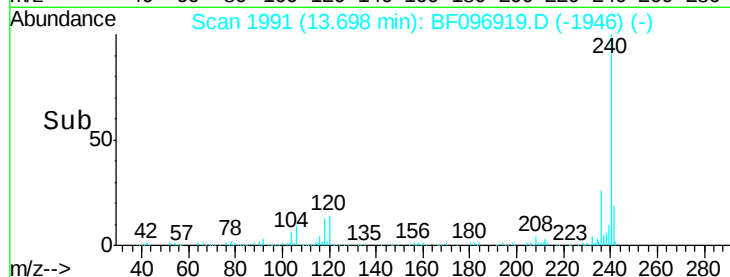
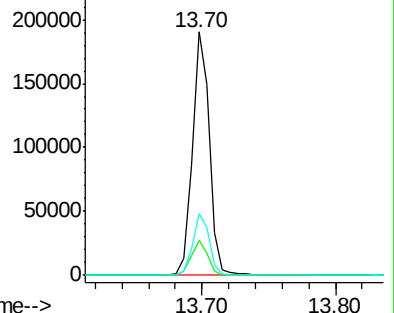
236 25.6 20.5 30.7



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: 46.43 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096919.D

Acq: 20 Jul 2017 21:33

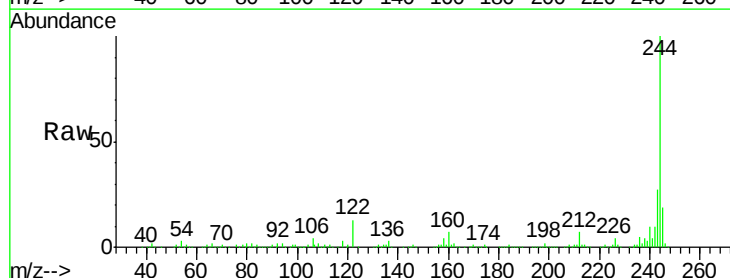
Tgt Ion:244 Resp: 457054

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

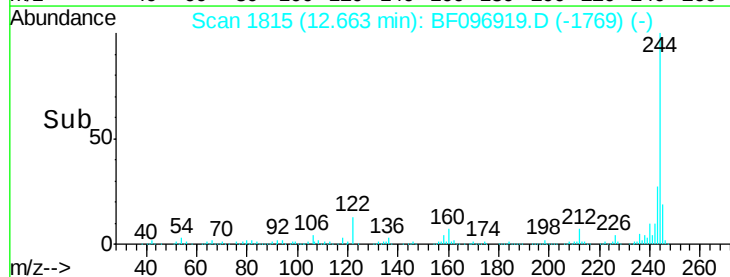
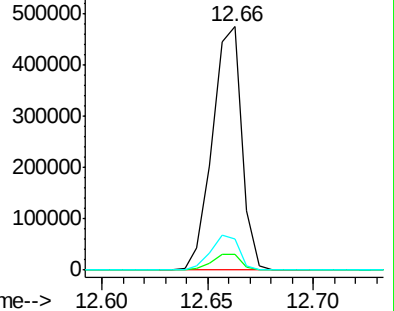
122 12.6 10.3 15.5

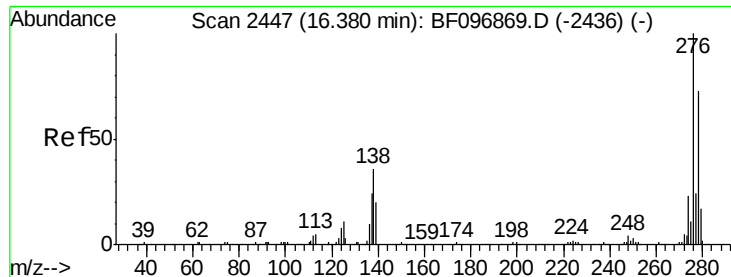


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

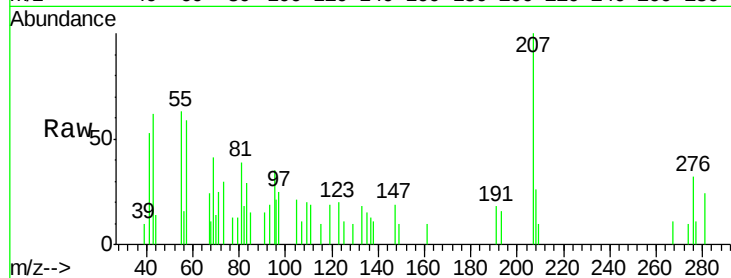




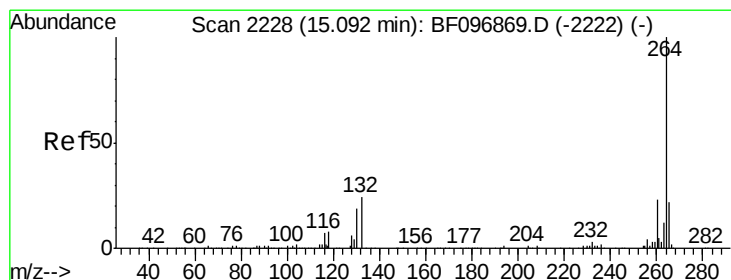
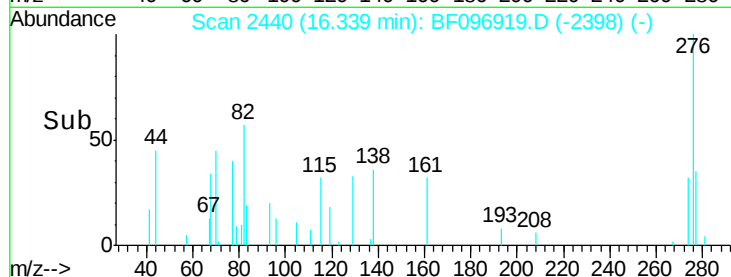
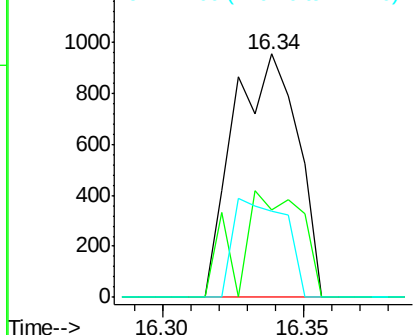
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.48 ng
 RT: 16.34 min Scan# 2440
 Delta R.T. -0.05 min
 Lab File: BF096919.D
 Acq: 20 Jul 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 156

Tgt Ion: 276 Resp: 1509
 Ion Ratio Lower Upper
 276 100
 138 42.2 27.8 41.6#
 277 32.9 20.2 30.4#

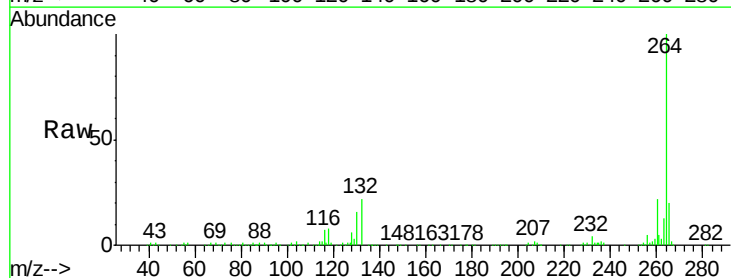


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096919.D
 Acq: 20 Jul 2017 21:33

Tgt Ion: 264 Resp: 180733
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.5 29.3
 265 20.3 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

