

Data File : BF096924.D
Acq On : 20 Jul 2017 23:53
Operator : SJ/JU
Sample : I4310-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B3-10GRIT-COMP

Quant Time: Jul 21 03:30:17 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	98931	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	431289	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	191265	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	277209	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	196094	20.00	ng	-0.04
86) Perylene-d12	15.07	264	187513	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	644756	97.99	ng	-0.02
7) Phenol-d6	6.22	99	810476	102.65	ng	-0.03
23) Nitrobenzene-d5	7.13	82	479027	68.80	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	154275	94.50	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	863307	71.31	ng	-0.04
78) Terphenyl-d14	12.66	244	556012	49.17	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	64114	13.48	ng	# 87
25) Isophorone	7.13	82	456508	35.24	ng	# 67
49) Dimethylphthalate	9.32	163	117521	8.16	ng	# 99
56) 2,4-Dinitrotoluene	9.60	165	23383	5.83	ng	# 33
66) 4-Bromophenyl-phenylether	10.39	248	9838	3.48	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.34	276	113	3.34	ng	# 44

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

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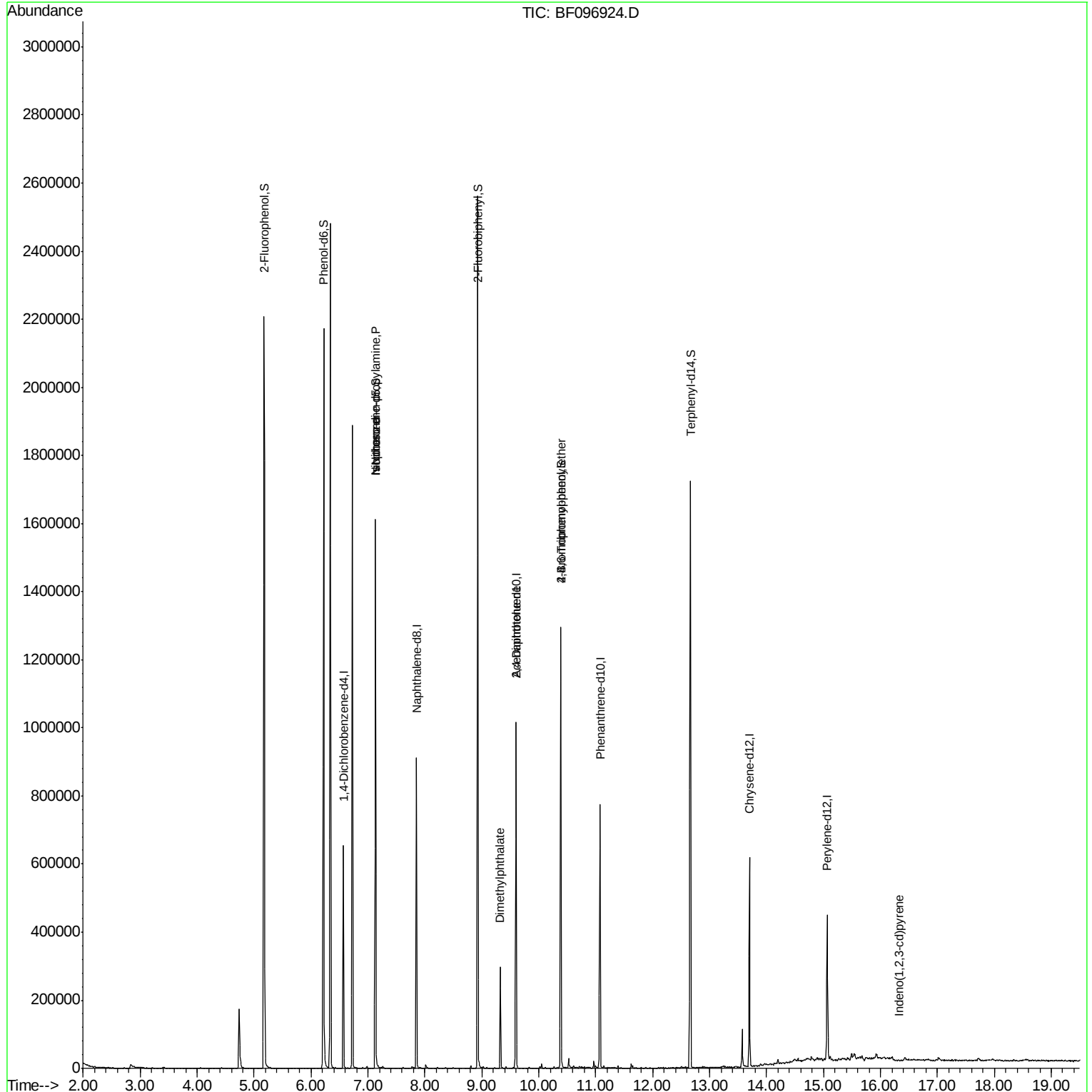
Quant Time: Jul 21 03:30:17 2017

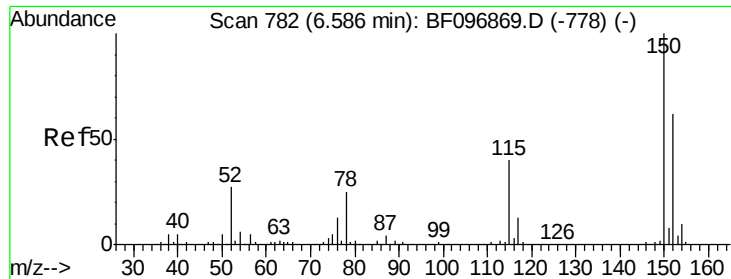
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

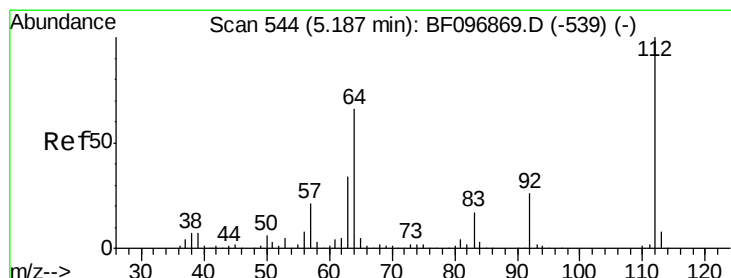
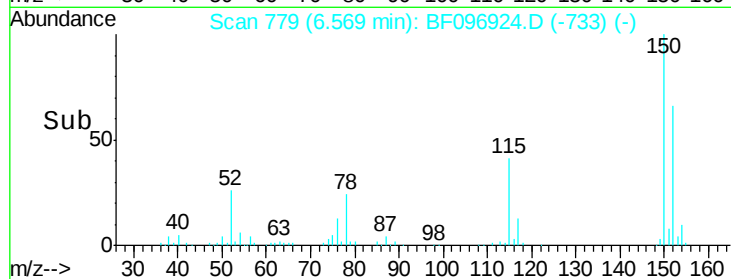
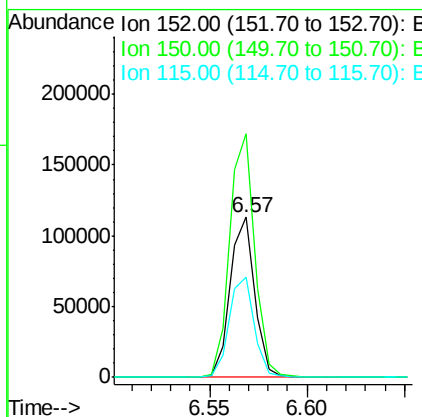
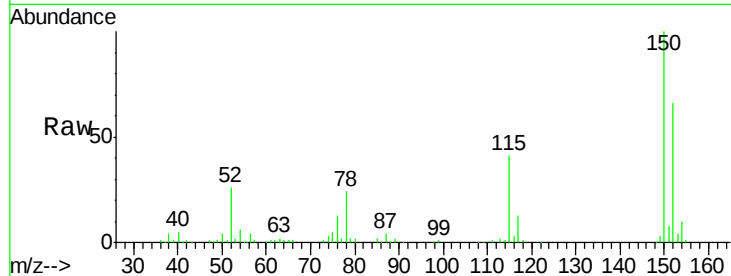




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

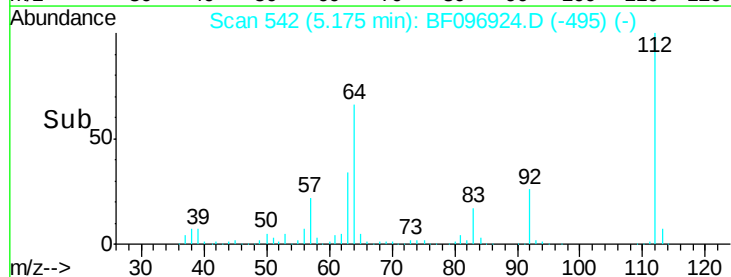
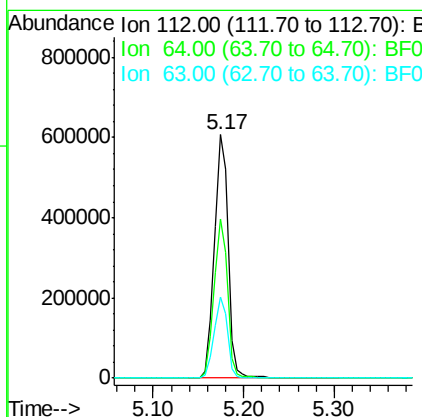
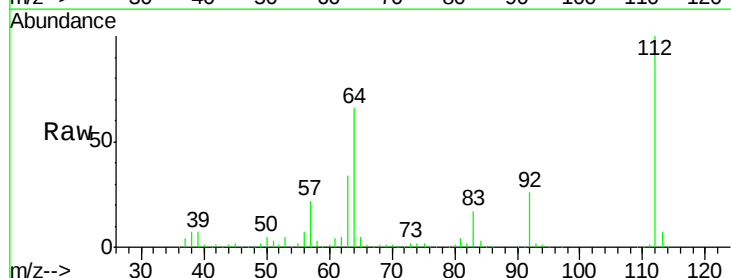
Instrument :
 BNA_F
 ClientSampleId :
 B3-10GRIT-COMP

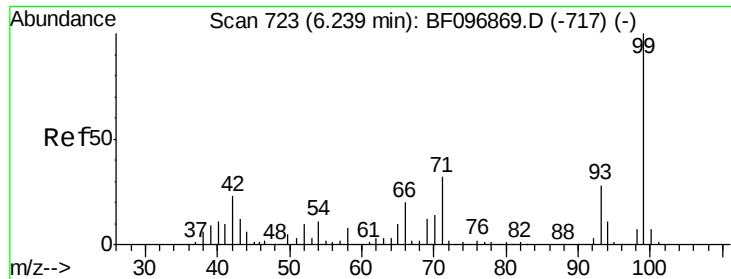
Tgt Ion:152 Resp: 98931
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.2 189.2
 115 62.7 52.2 78.2



#5
 2-Fluorophenol
 Concen: 97.99 ng
 RT: 5.17 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF096924.D
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Tgt Ion:112 Resp: 644756
 Ion Ratio Lower Upper
 112 100
 64 65.6 46.0 69.0
 63 33.5 23.4 35.0





#7

Phenol-d6

Concen: 102.65 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Instrument :

BNA_F

ClientSampleId :

B3-10GRIT-COMP

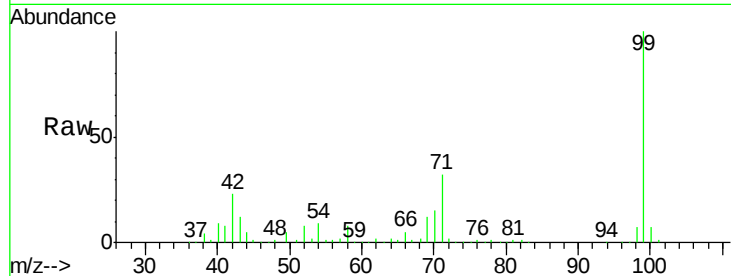
Tgt Ion: 99 Resp: 810476

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

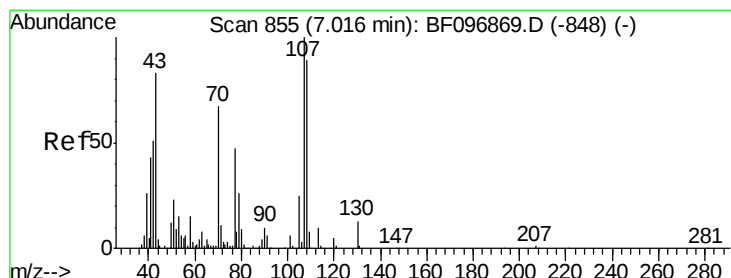
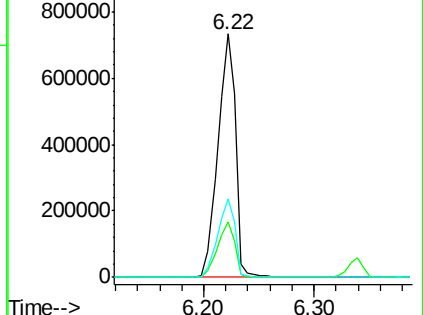
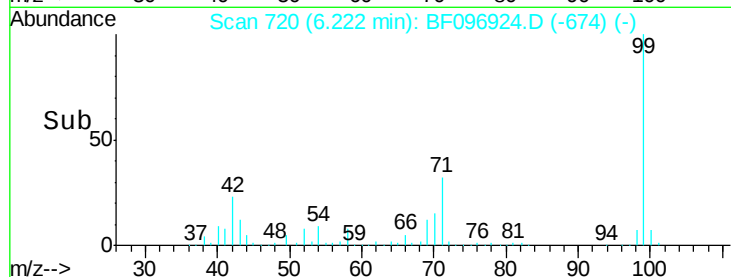
71 32.5 24.5 36.7



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: 13.48 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Tgt Ion: 70 Resp: 64114

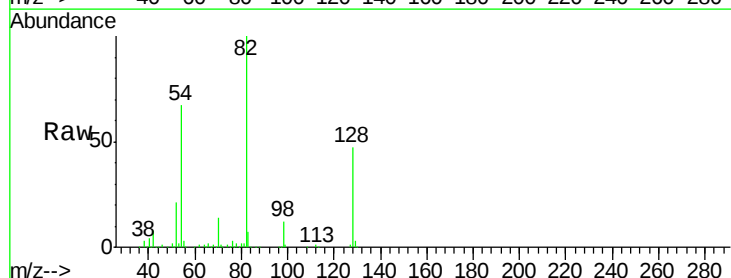
Ion Ratio Lower Upper

70 100

42 61.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

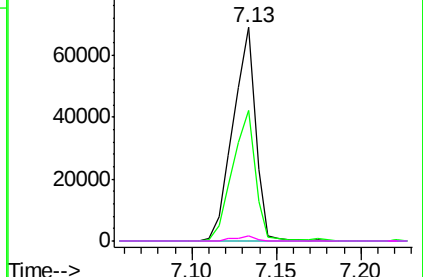
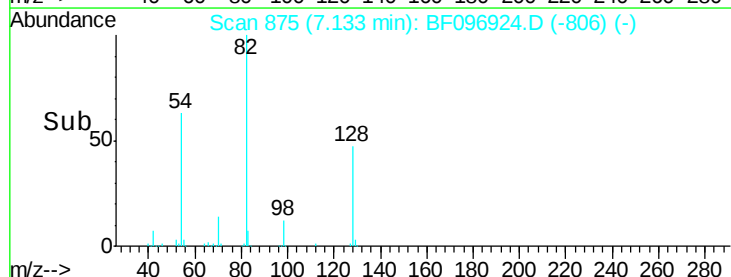


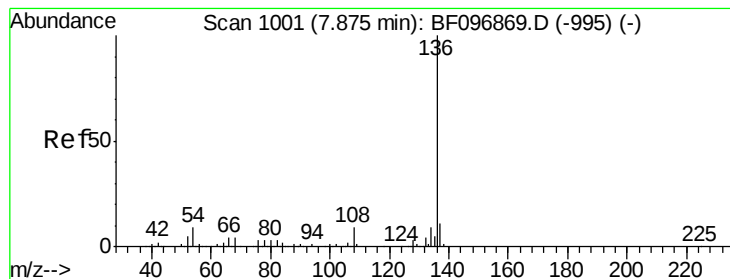
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Instrument :

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ClientSampleId :

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Tgt Ion: 136 Resp: 431289

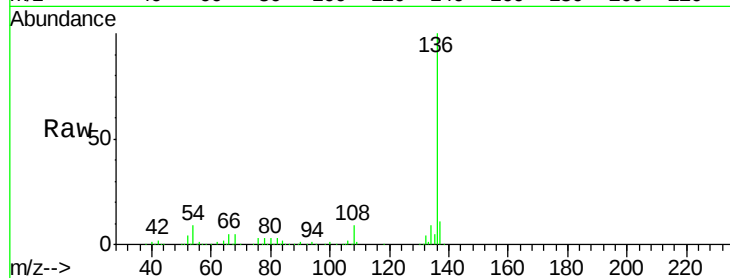
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.3 4.9 7.3#

68 5.0 4.1 6.1

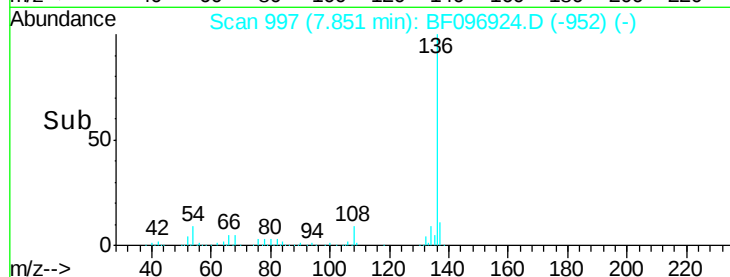


Abundance Ion 136.00 (135.70 to 136.70): E

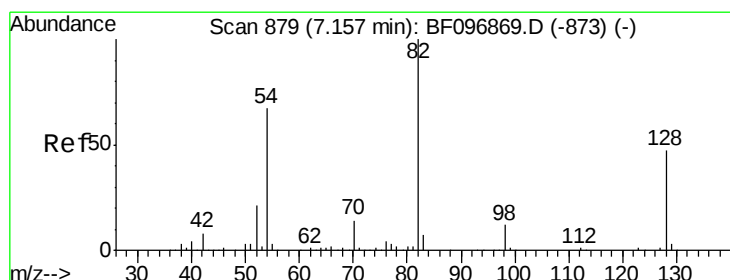
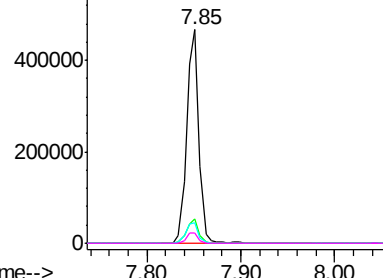
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 68.80 ng

RT: 7.13 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

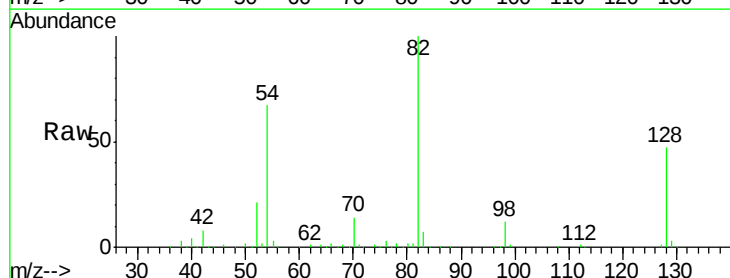
Tgt Ion: 82 Resp: 479027

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

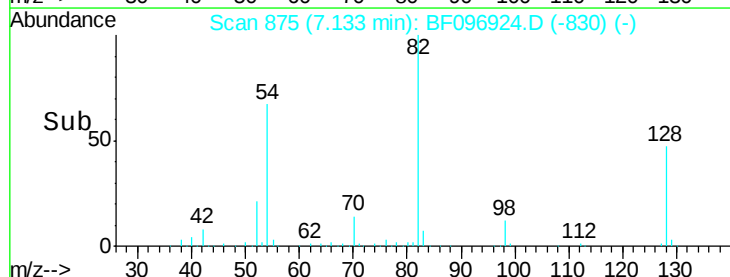
54 67.2 42.2 63.2#



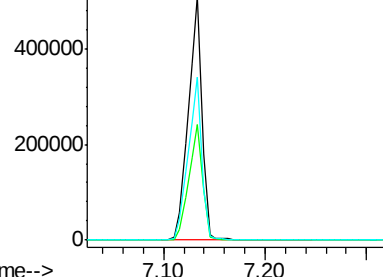
Abundance Ion 82.00 (81.70 to 82.70): BF0

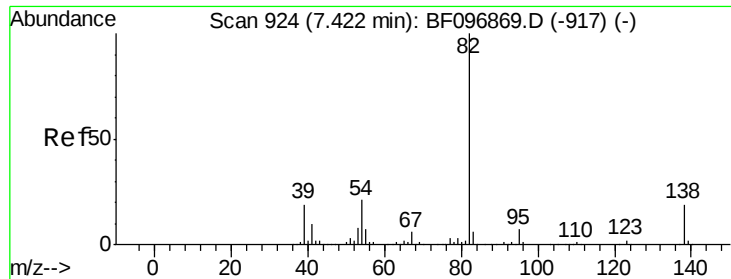
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

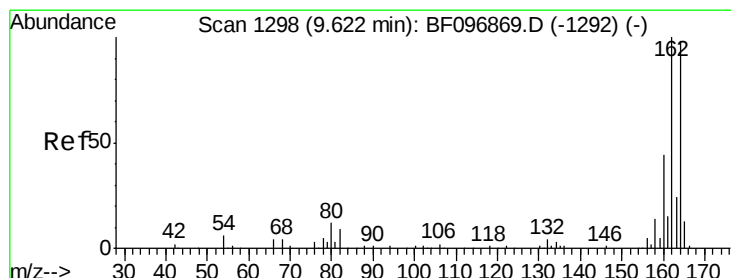
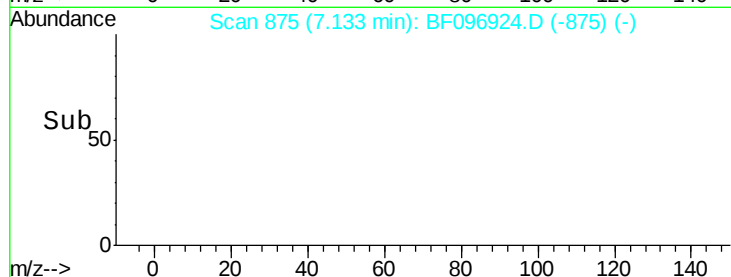
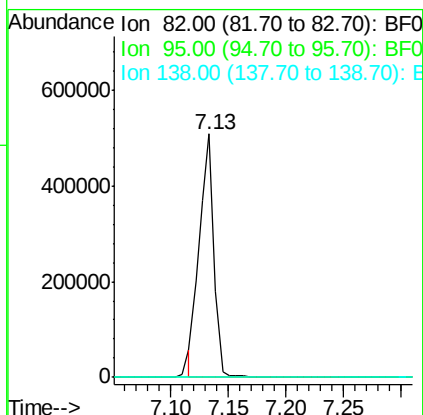
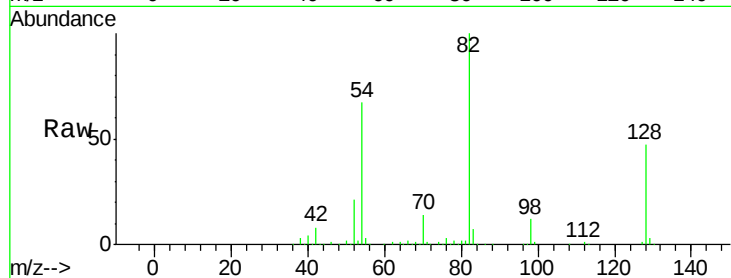




#25
Isophorone
Concen: 35.24 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.30 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

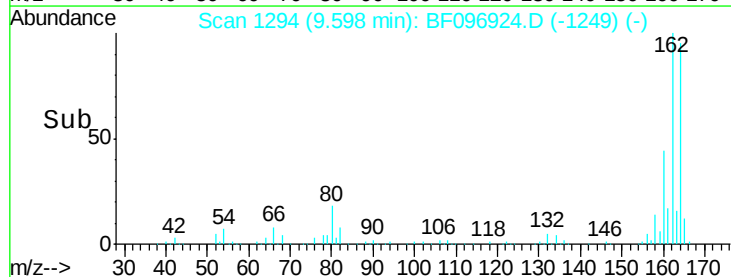
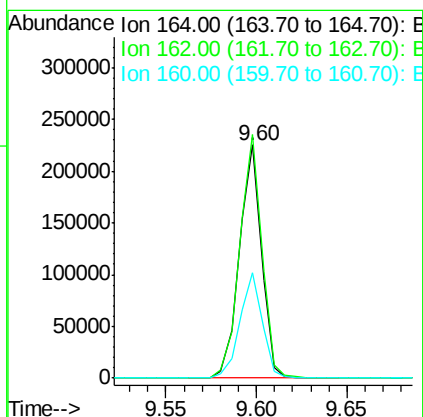
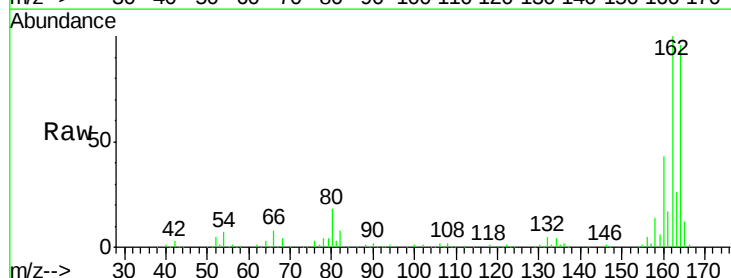
Instrument :
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B3-10GRIT-COMP

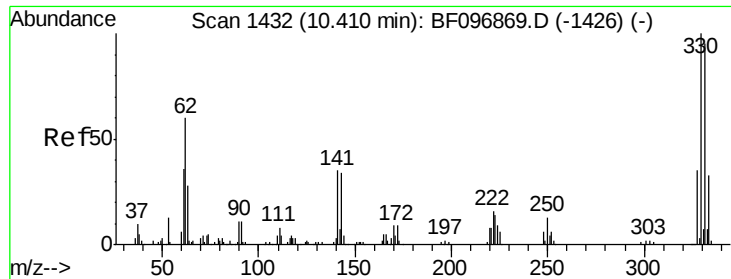
Tgt Ion: 82 Resp: 456508
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Tgt Ion: 164 Resp: 191265
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 45.4 36.2 54.2

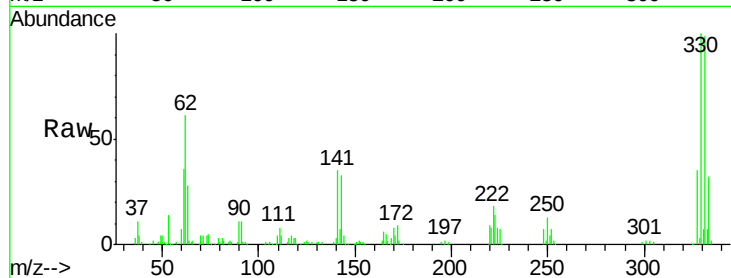




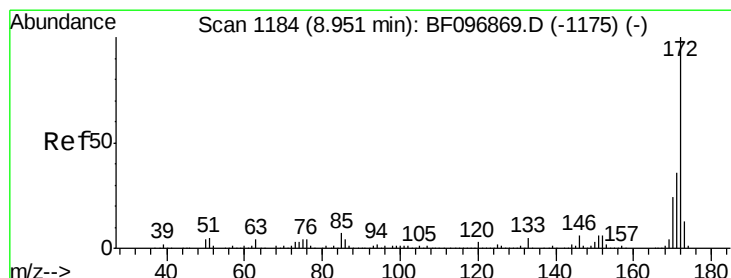
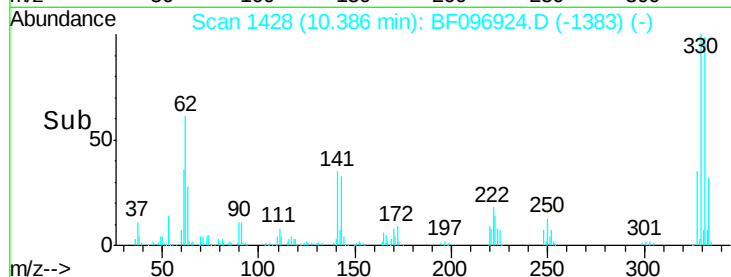
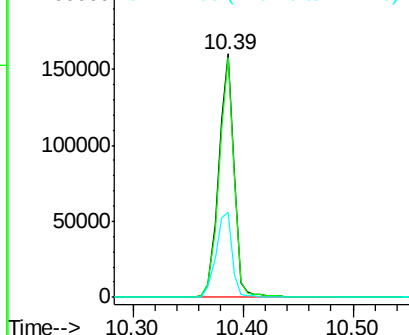
#41
 2,4,6-Tribromophenol
 Concen: 94.50 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 B3-10GRIT-COMP

Tgt Ion:330 Resp: 154275
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 36.8 31.4 47.2

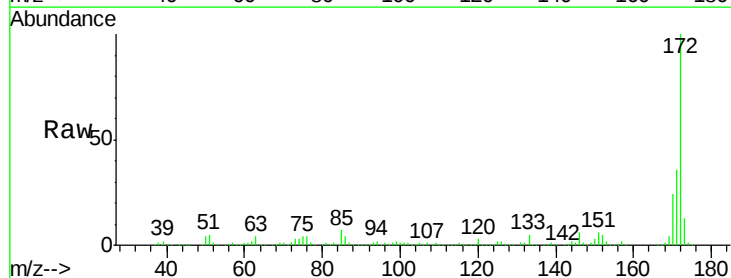


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

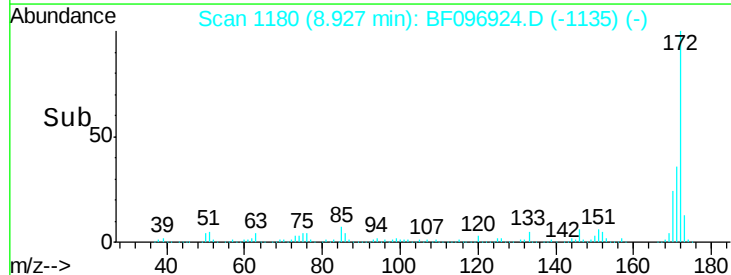
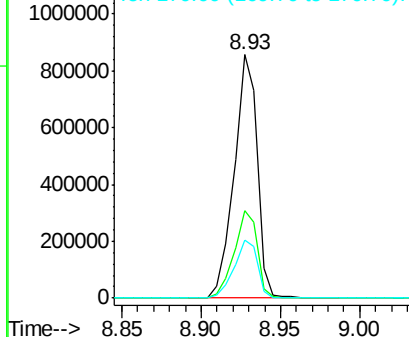


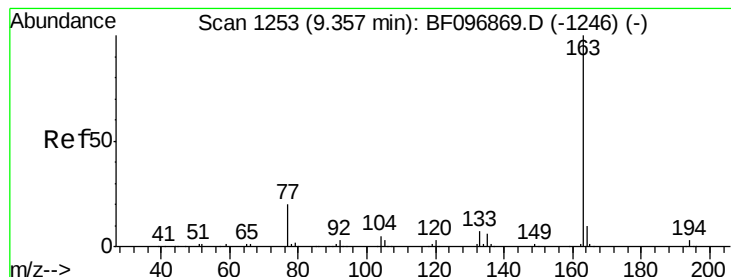
#44
 2-Fluorobiphenyl
 Concen: 71.31 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Tgt Ion:172 Resp: 863307
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 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: 8.16 ng

RT: 9.32 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Instrument :

BNA_F

ClientSampleId :

B3-10GRIT-COMP

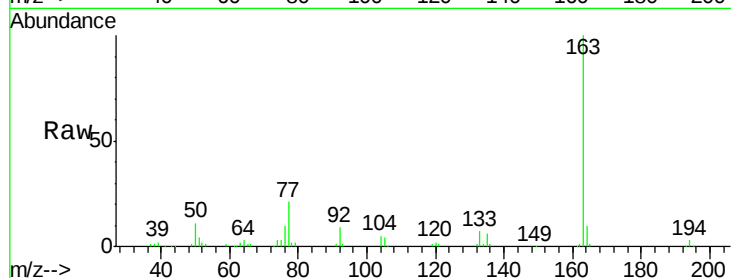
Tgt Ion:163 Resp: 117521

Ion Ratio Lower Upper

163 100

194 2.6 2.6 4.0#

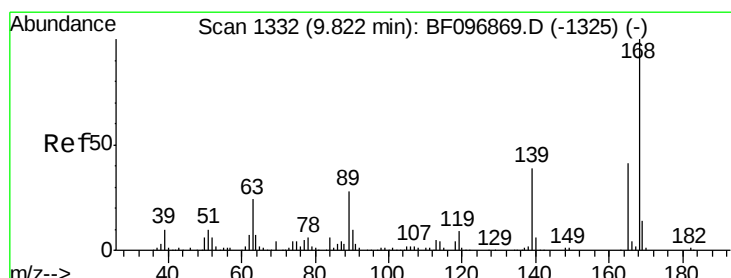
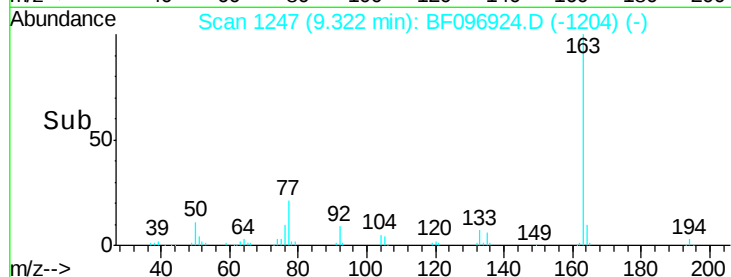
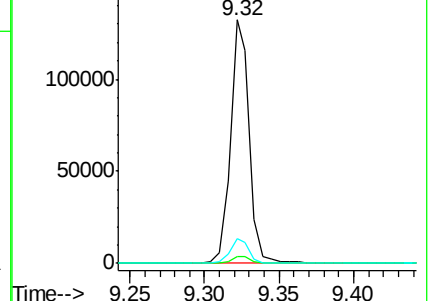
164 10.1 8.4 12.6



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: 5.83 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.23 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

Tgt Ion:165 Resp: 23383

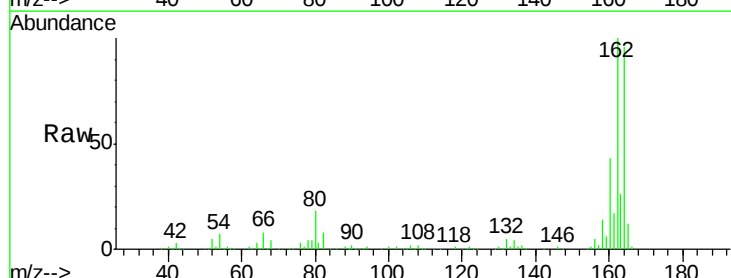
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

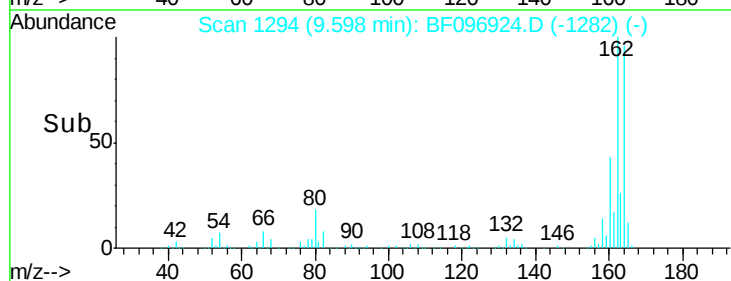
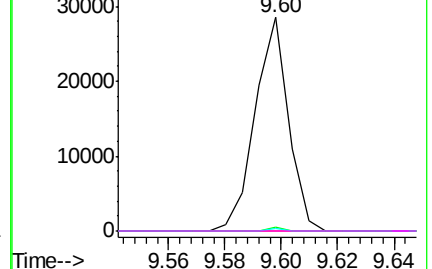


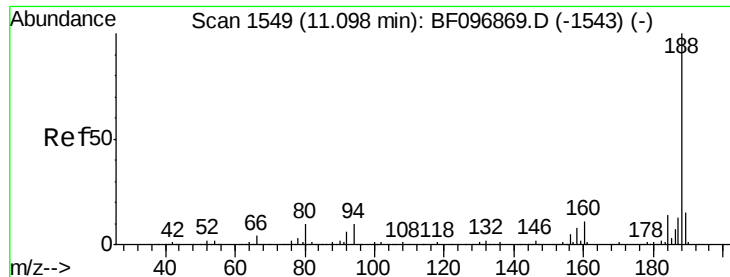
Abundance Ion 165.00 (164.70 to 165.70): E

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

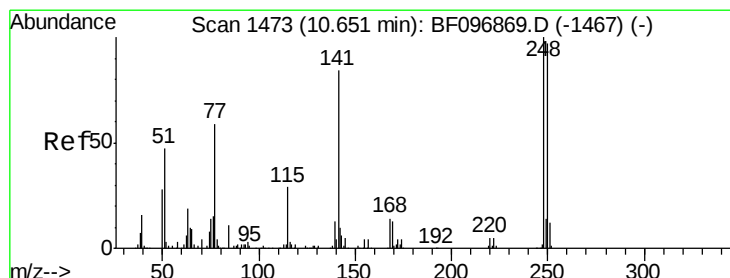
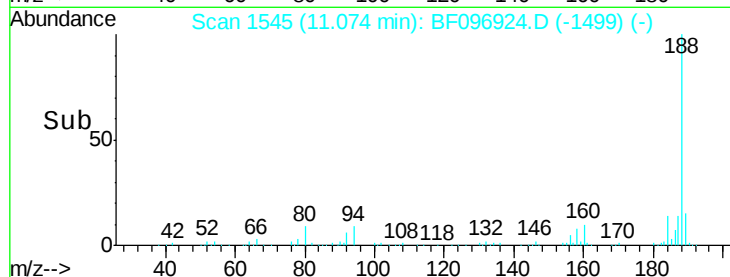
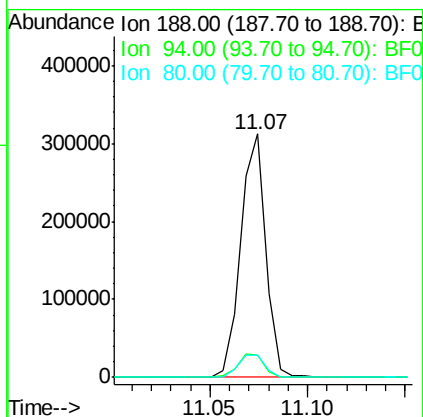
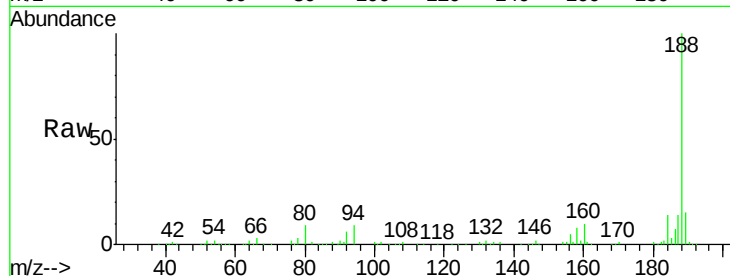




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

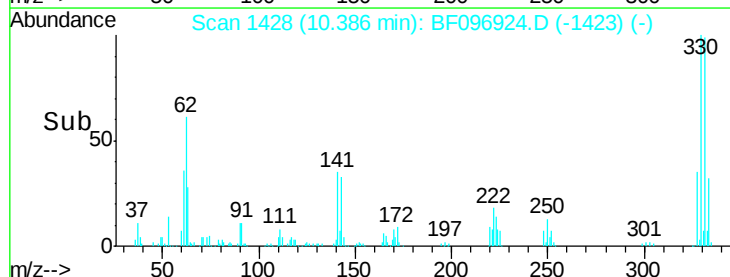
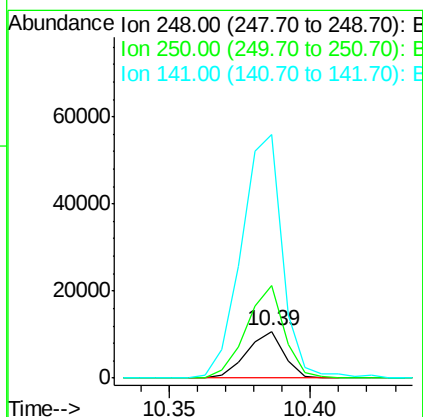
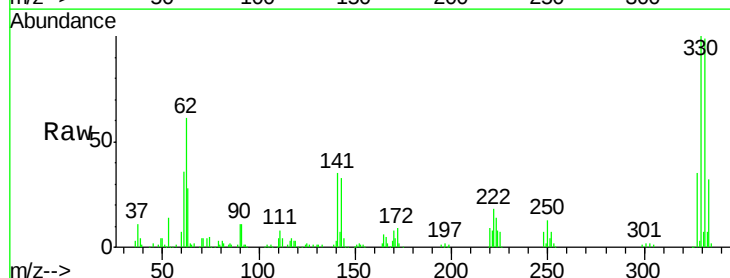
Instrument :
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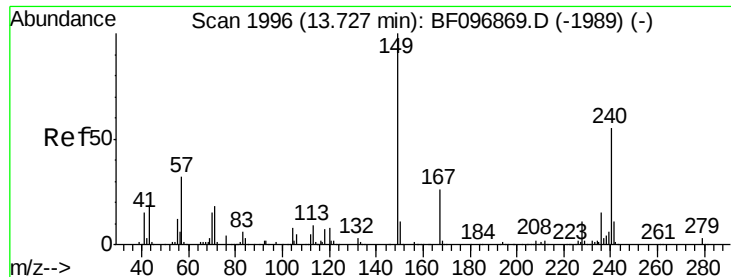
Tgt Ion:188 Resp: 277209
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.2#
80 9.1 10.2 15.2#



#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.27 min
Lab File: BF096924.D
Acq: 20 Jul 2017 23:53

Tgt Ion:248 Resp: 9838
Ion Ratio Lower Upper
248 100
250 197.4 76.8 115.2#
141 517.4 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: BF096924.D

Acq: 20 Jul 2017 23:53

Instrument :

BNA_F

ClientSampleId :

B3-10GRIT-COMP

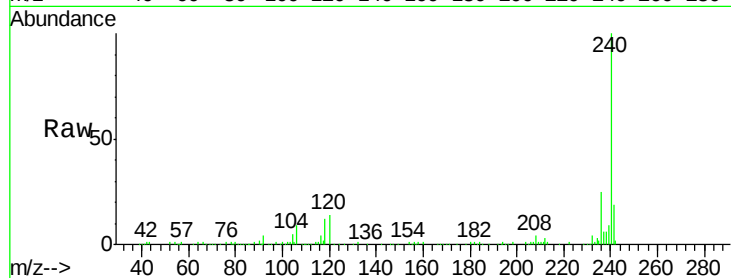
Tgt Ion:240 Resp: 196094

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

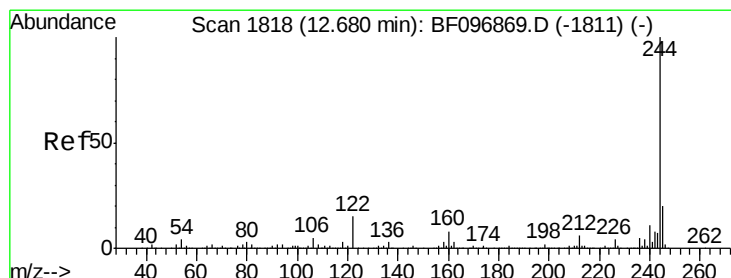
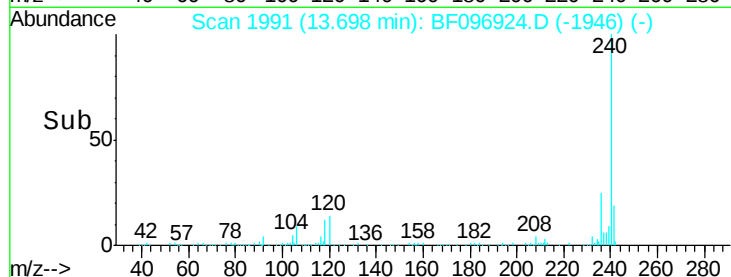
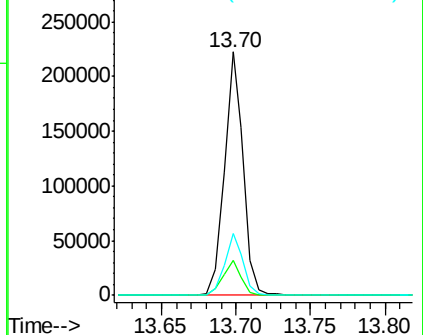
236 25.3 20.5 30.7



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: 49.17 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096924.D

Acq: 20 Jul 2017 23:53

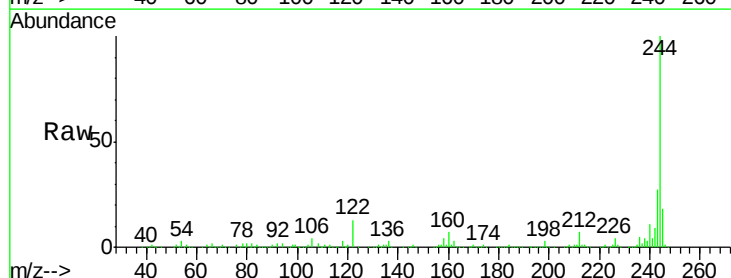
Tgt Ion:244 Resp: 556012

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

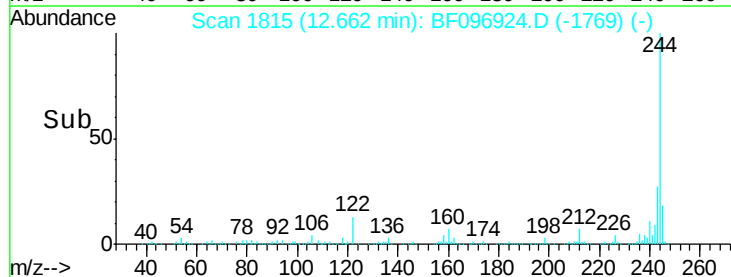
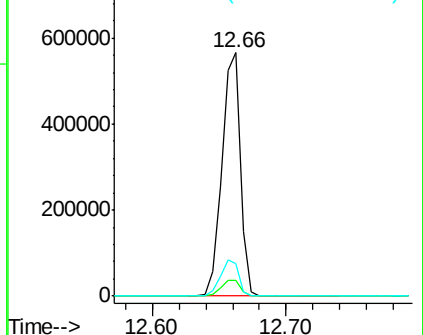
122 13.1 10.3 15.5

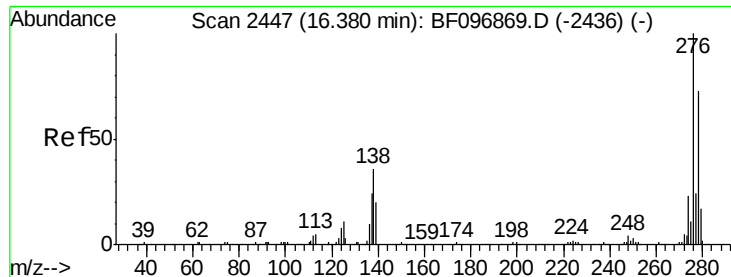


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

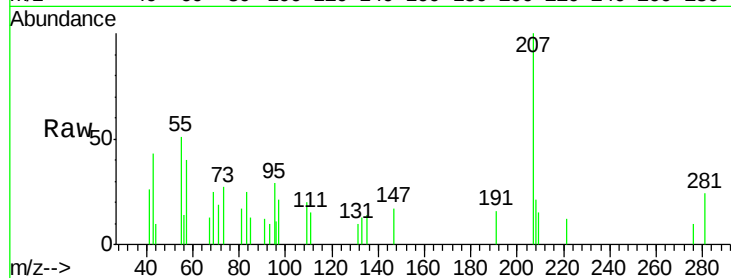




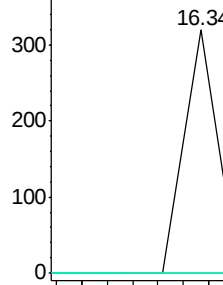
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.34 ng
 RT: 16.34 min Scan# 2440
 Delta R.T. -0.05 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 B3-10GRIT-COMP

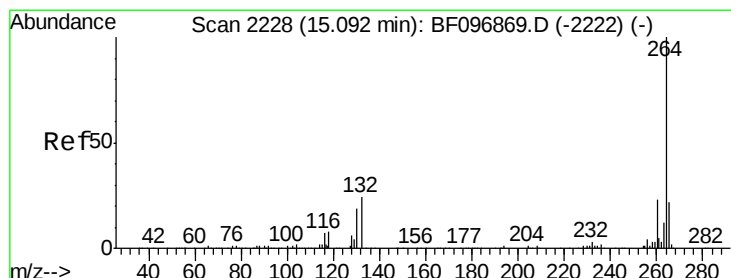
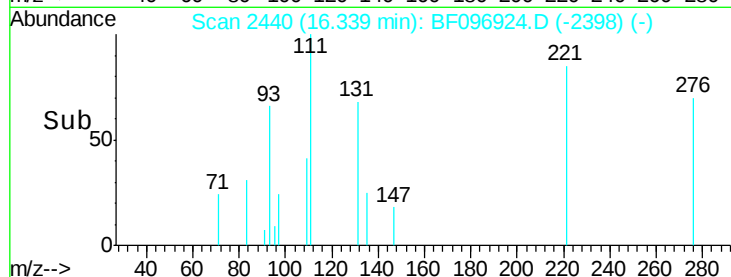
Tgt Ion: 276 Resp: 113
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.8 41.6#
 277 0.0 20.2 30.4#



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

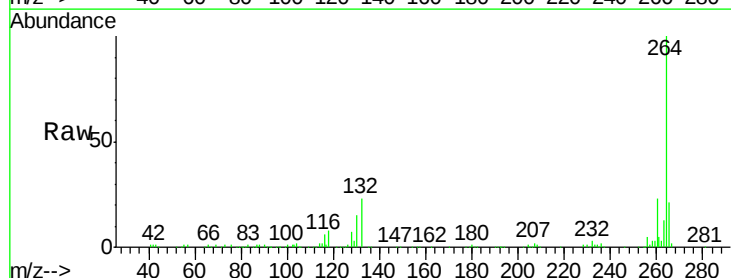


Time--> 16.32 16.34

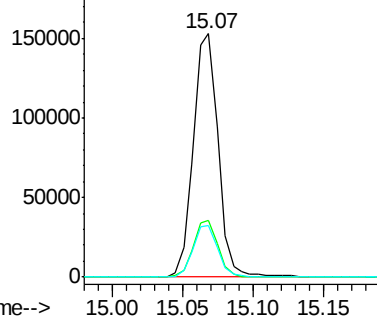


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096924.D
 Acq: 20 Jul 2017 23:53

Tgt Ion: 264 Resp: 187513
 Ion Ratio Lower Upper
 264 100
 260 23.1 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



Time--> 15.00 15.05 15.10 15.15

