

Data File : BF096916.D
Acq On : 20 Jul 2017 20:09
Operator : SJ/JU
Sample : I4312-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11987

Quant Time: Jul 21 03:27:32 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	97281	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	361200	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	137538	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	186756	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	161547	20.00	ng	-0.04
86) Perylene-d12	15.07	264	169350	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	620025	95.83	ng	-0.02
7) Phenol-d6	6.23	99	831311	107.07	ng	-0.02
23) Nitrobenzene-d5	7.13	82	507867	87.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	121208	103.24	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	825897	94.87	ng	-0.03
78) Terphenyl-d14	12.66	244	407569	43.75	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	68353	14.61	ng	# 88
25) Isophorone	7.13	82	493834	45.52	ng	# 67
49) Dimethylphthalate	9.33	163	177158	17.11	ng	98
56) 2,4-Dinitrotoluene	9.60	165	17187	5.96	ng	# 33
66) 4-Bromophenyl-phenylether	10.39	248	7708	4.04	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.35	276	113	3.34	ng	# 44

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

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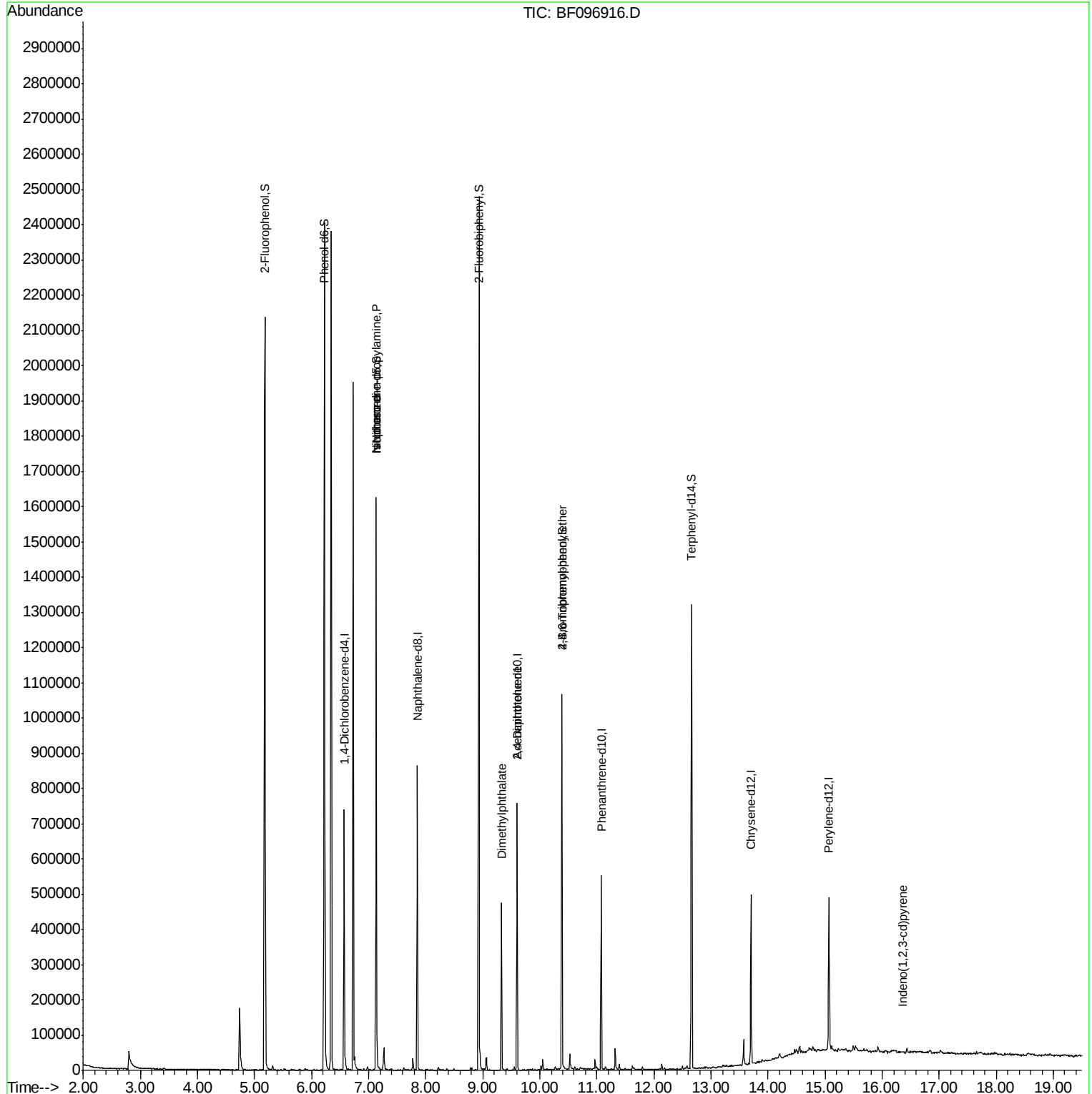
Quant Time: Jul 21 03:27:32 2017

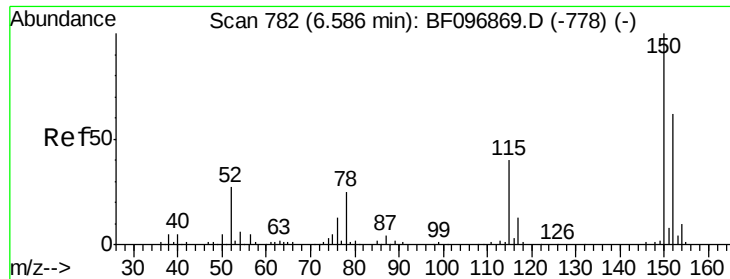
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

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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

Lab File: BF096916.D

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ClientSampleId :

72-11987

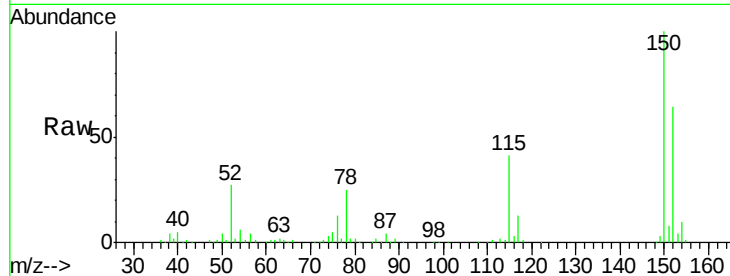
Tgt Ion:152 Resp: 97281

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

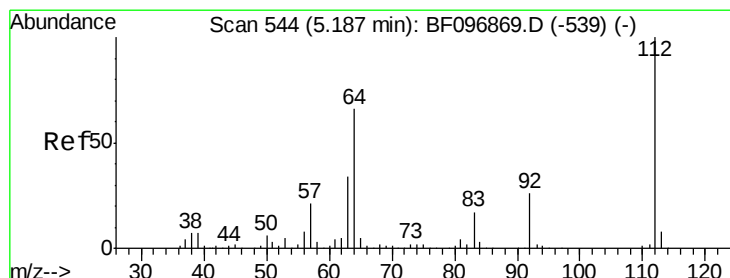
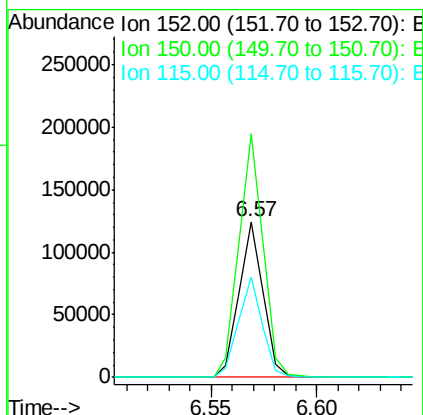
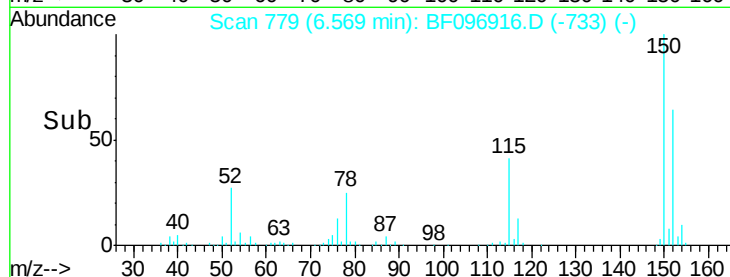
115 64.6 52.2 78.2



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: 95.83 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

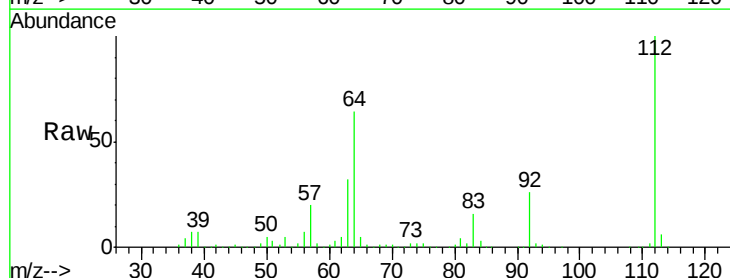
Tgt Ion:112 Resp: 620025

Ion Ratio Lower Upper

112 100

64 64.0 46.0 69.0

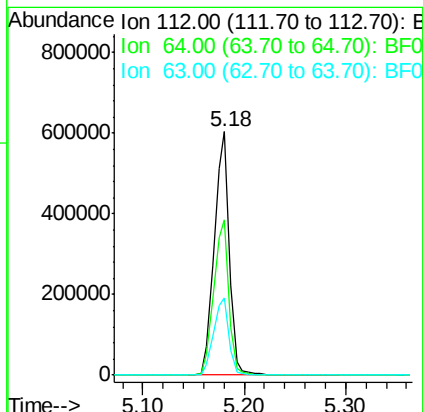
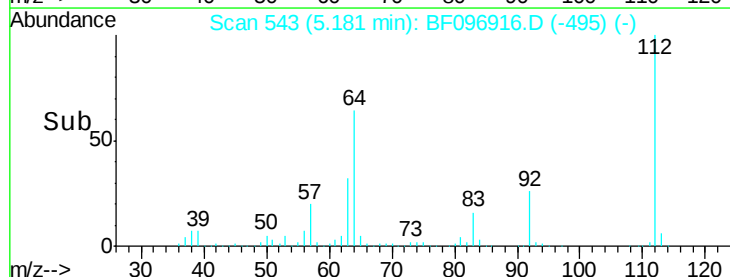
63 31.8 23.4 35.0

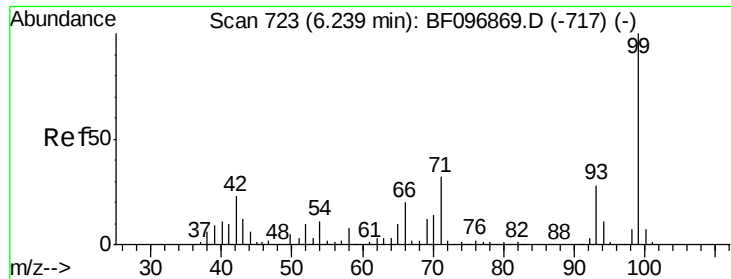


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.07 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

BNA_F

ClientSampleId :

72-11987

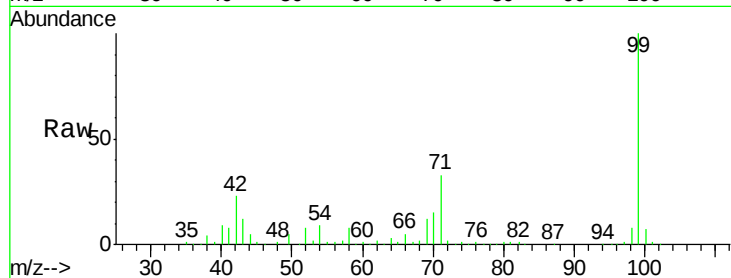
Tgt Ion: 99 Resp: 831311

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

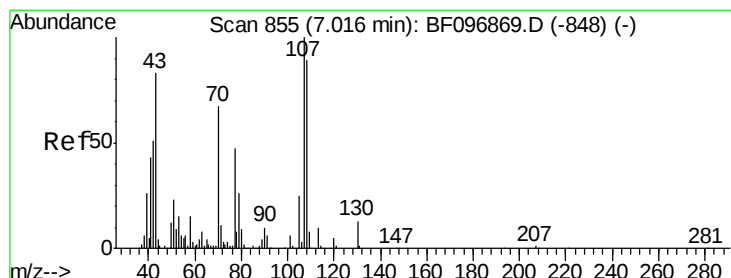
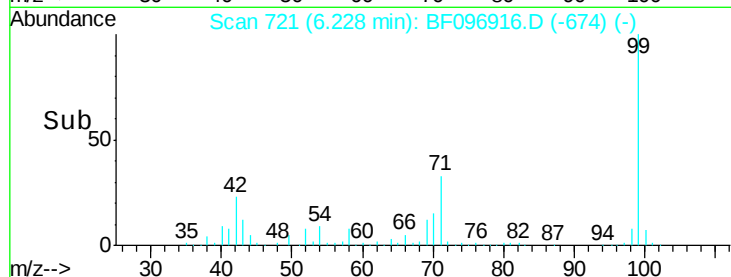
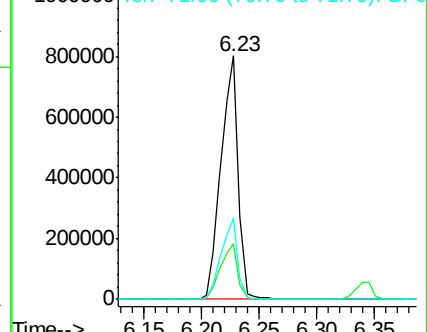
71 33.1 24.5 36.7



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: 14.61 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Tgt Ion: 70 Resp: 68353

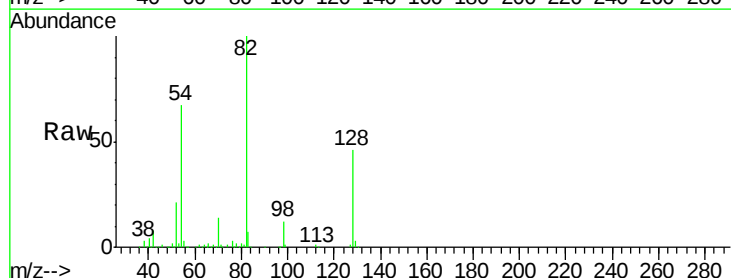
Ion Ratio Lower Upper

70 100

42 59.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

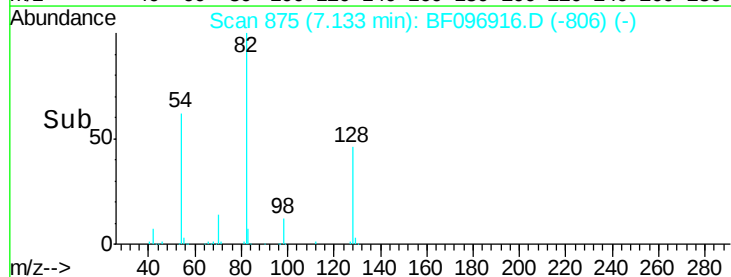
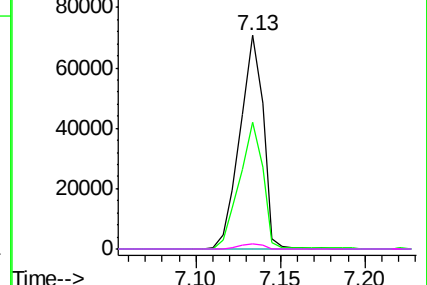


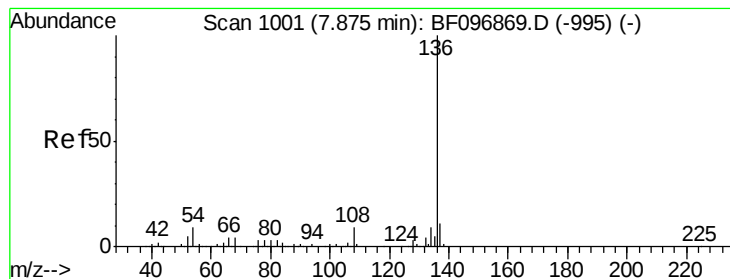
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

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ClientSampleId :

72-11987

Tgt Ion: 136 Resp: 361200

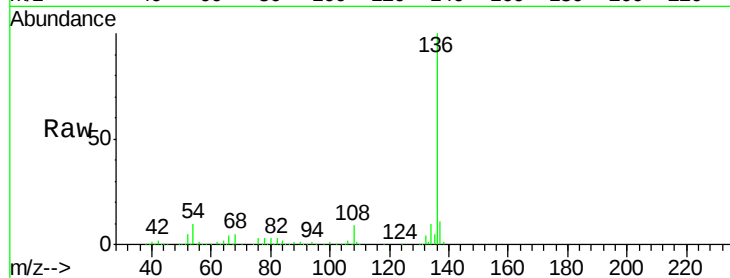
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.9 4.9 7.3#

68 5.1 4.1 6.1

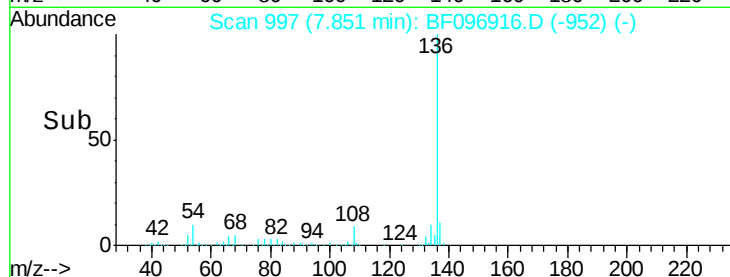


Abundance Ion 136.00 (135.70 to 136.70): E

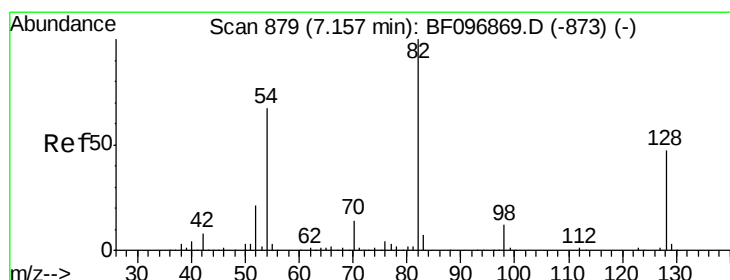
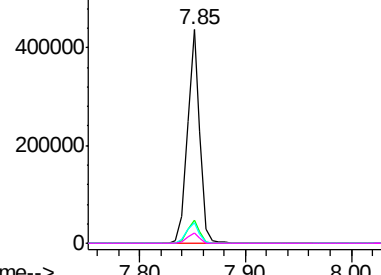
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 87.09 ng

RT: 7.13 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

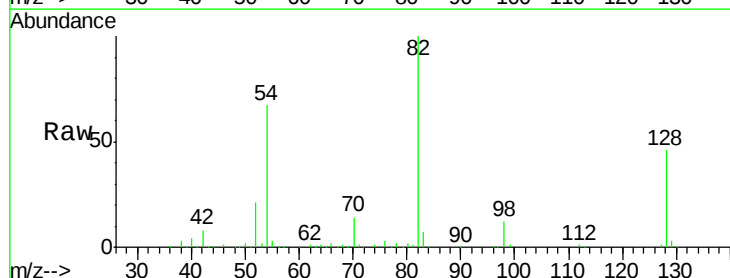
Tgt Ion: 82 Resp: 507867

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

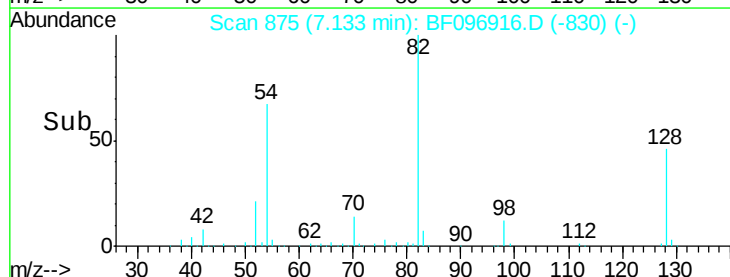
54 67.3 42.2 63.2#



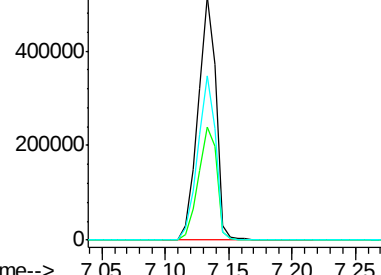
Abundance Ion 82.00 (81.70 to 82.70): BF0

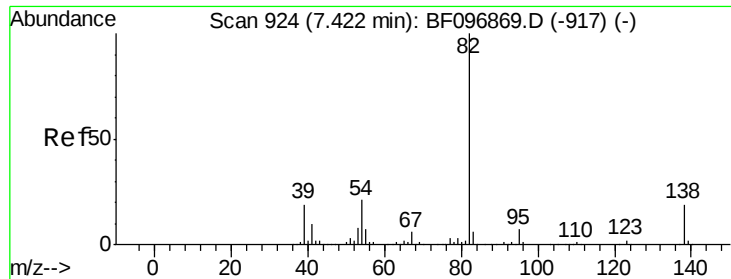
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 45.52 ng

RT: 7.13 min Scan# 875

Delta R.T. -0.30 min

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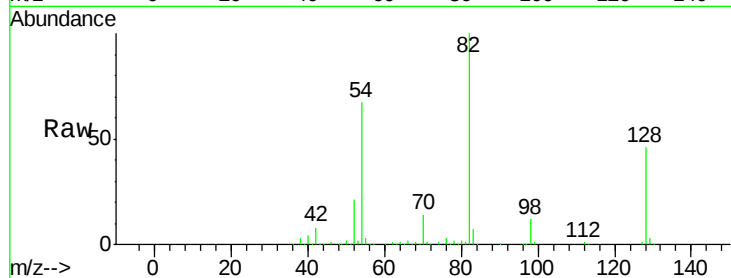
Tgt Ion: 82 Resp: 493834

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

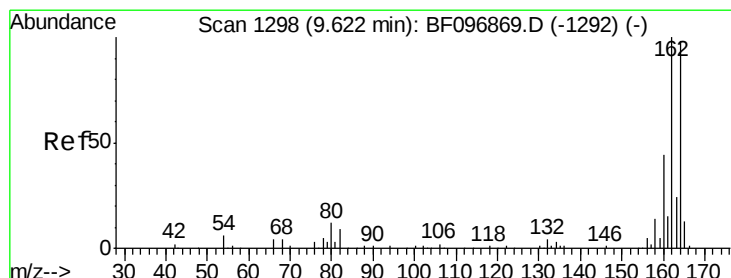
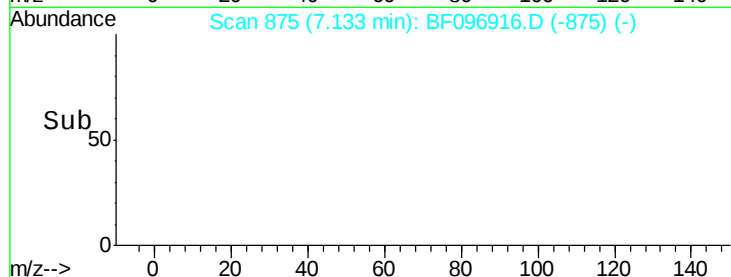
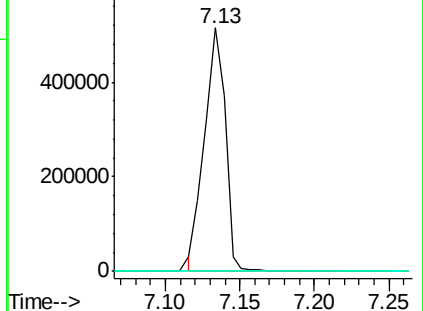
138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

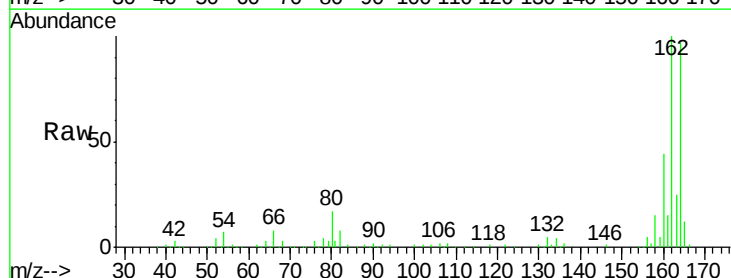
Tgt Ion: 164 Resp: 137538

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

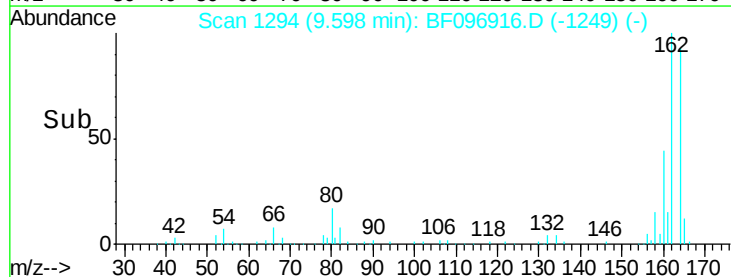
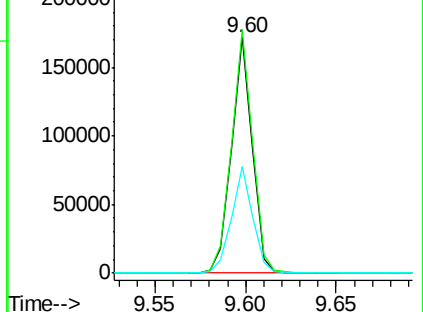
160 45.3 36.2 54.2

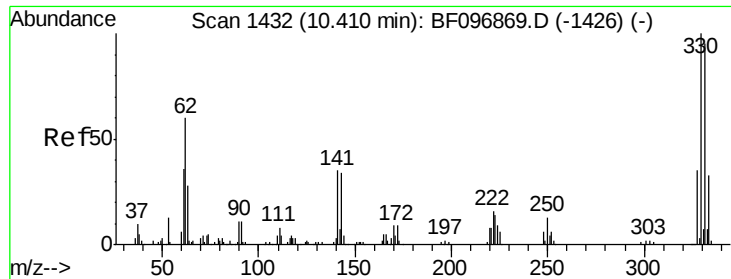


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

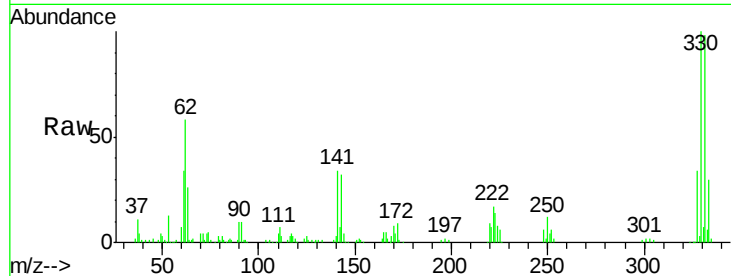




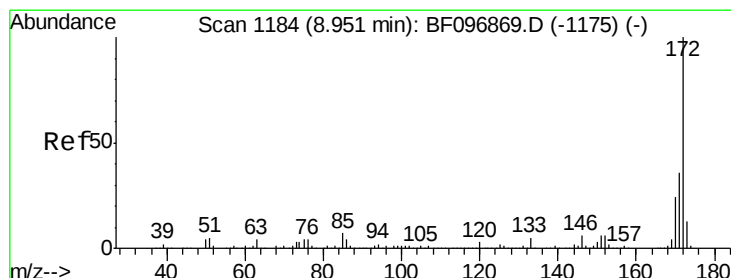
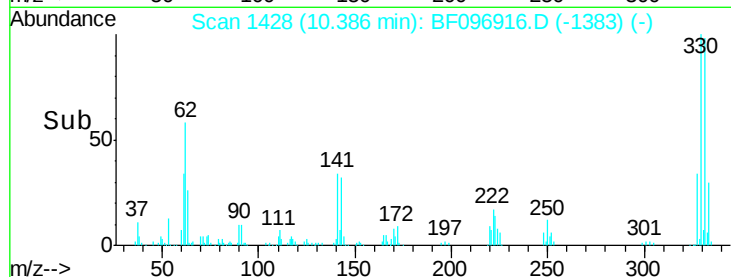
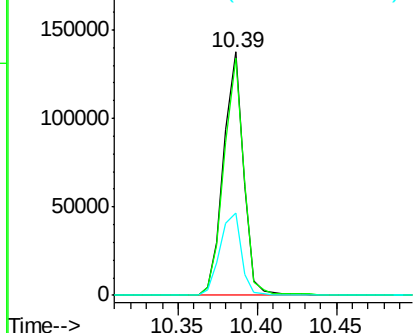
#41
 2,4,6-Tribromophenol
 Concen: 103.24 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11987

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	36.4	31.4	47.2

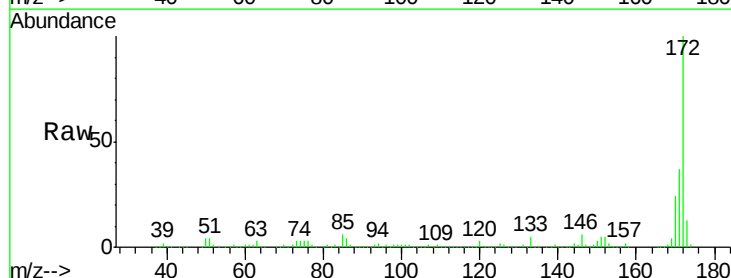


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

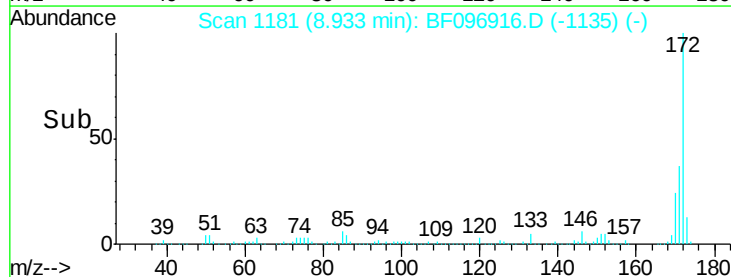
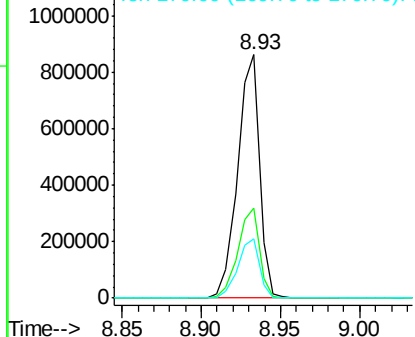


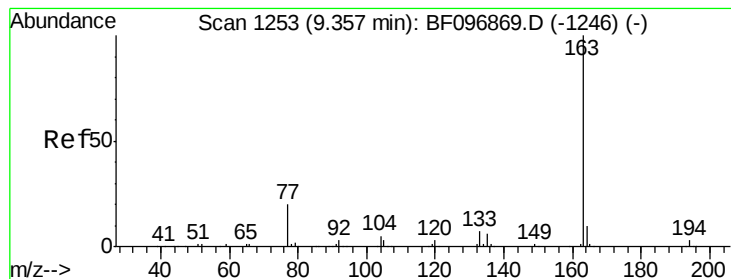
#44
 2-Fluorobiphenyl
 Concen: 94.87 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.2	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: 17.11 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

BNA_F

ClientSampleId :

72-11987

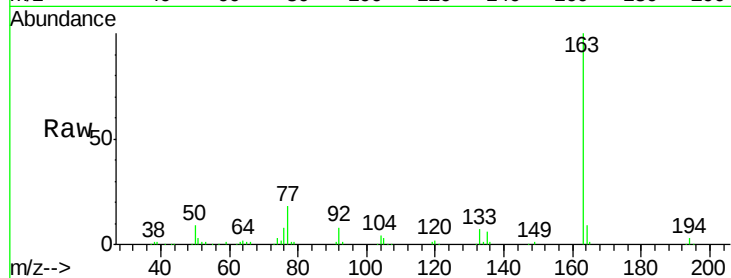
Tgt Ion:163 Resp: 177158

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

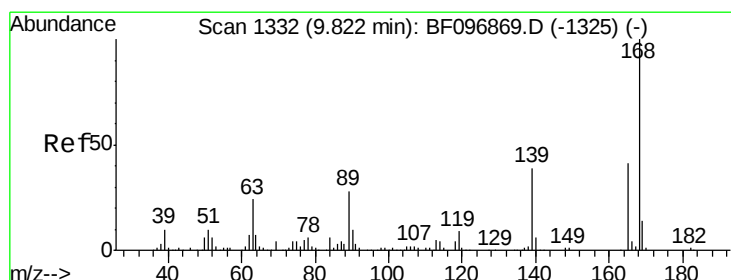
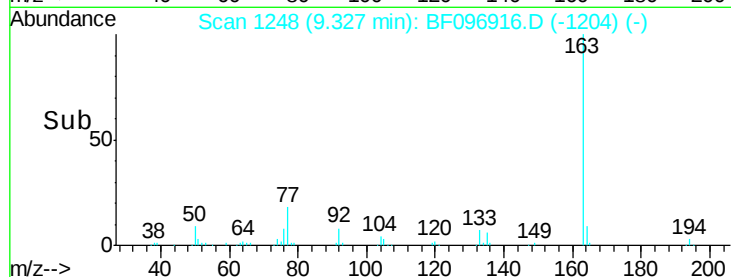
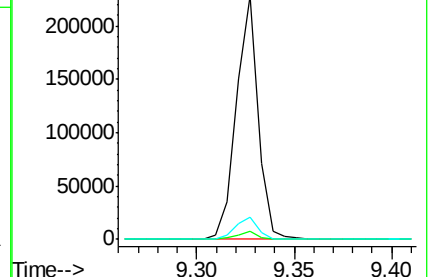
164 9.3 8.4 12.6



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: 5.96 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.23 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

Tgt Ion:165 Resp: 17187

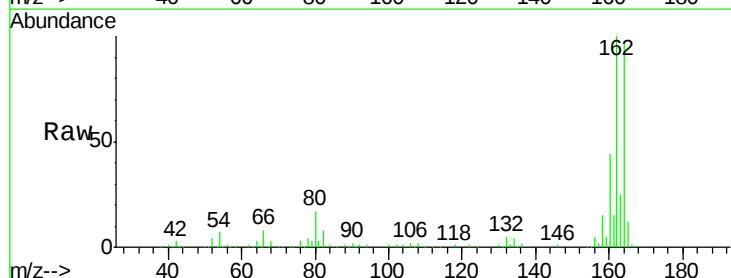
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

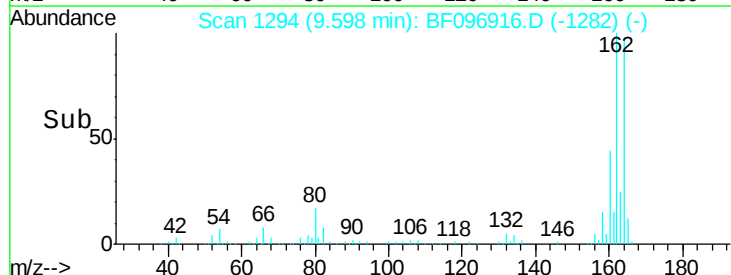
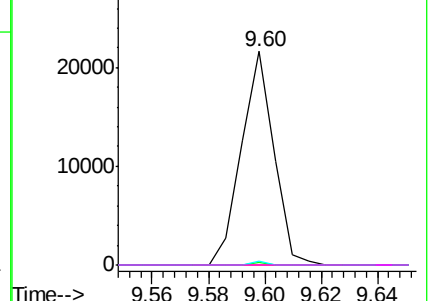


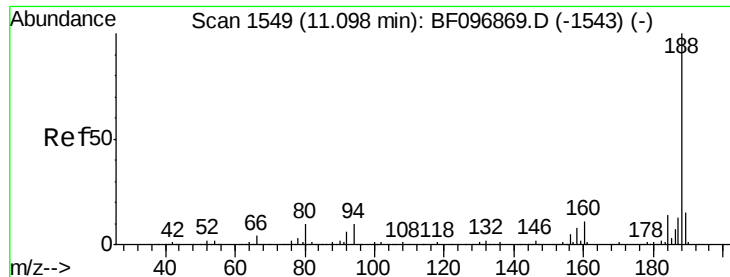
Abundance Ion 165.00 (164.70 to 165.70): E

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

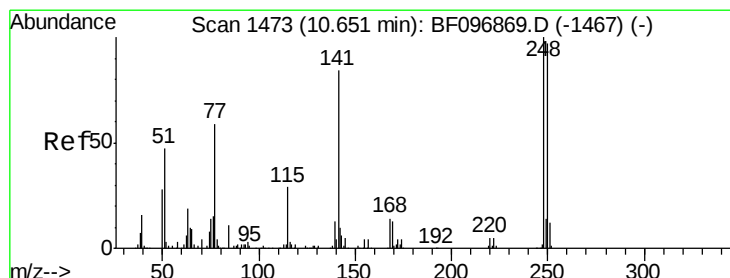
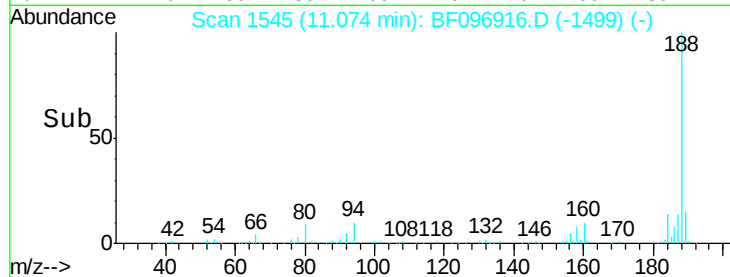
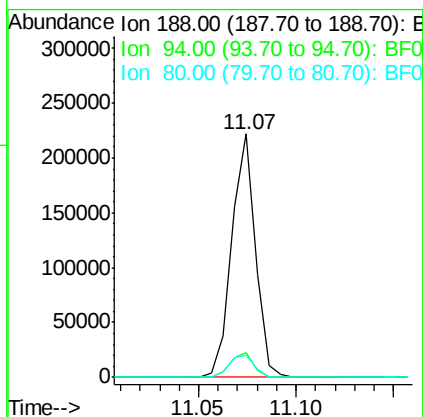
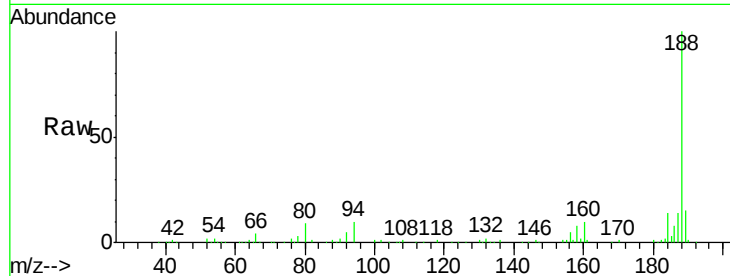




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

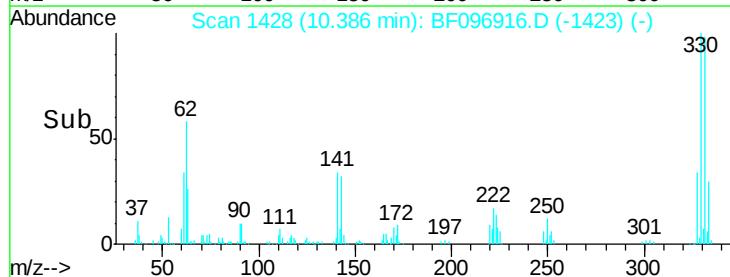
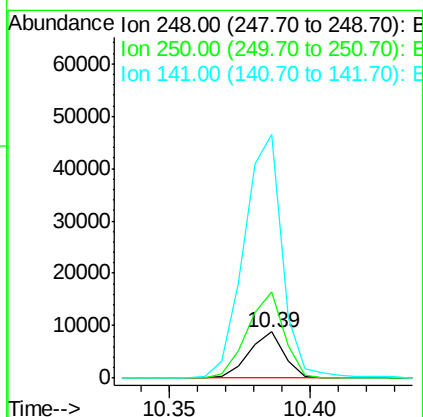
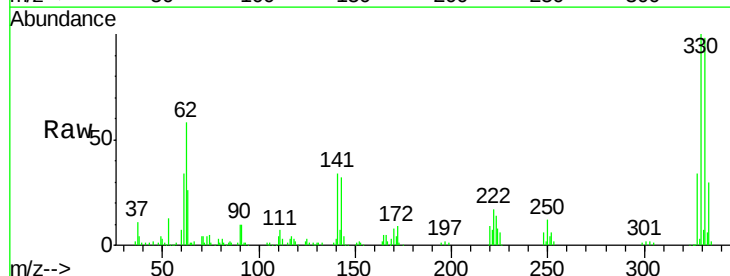
Instrument :
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 ClientSampleId :
 72-11987

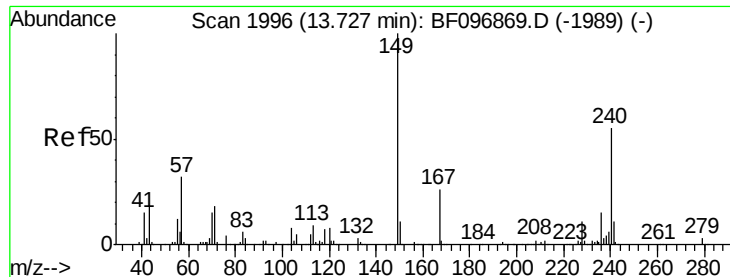
Tgt Ion:188 Resp: 186756
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 9.3 10.2 15.2#



#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.27 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Tgt Ion:248 Resp: 7708
 Ion Ratio Lower Upper
 248 100
 250 185.0 76.8 115.2#
 141 525.5 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: BF096916.D

Acq: 20 Jul 2017 20:09

Instrument :

BNA_F

ClientSampleId :

72-11987

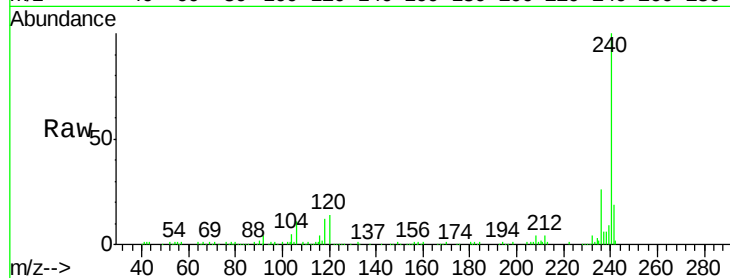
Tgt Ion:240 Resp: 161547

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

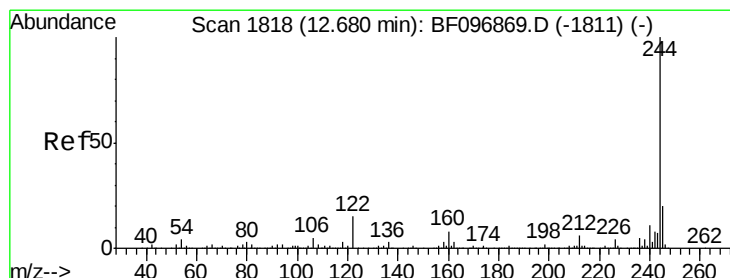
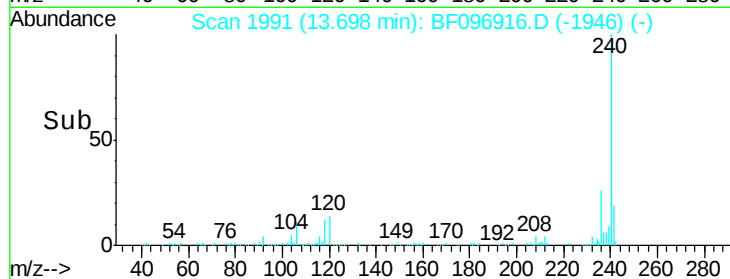
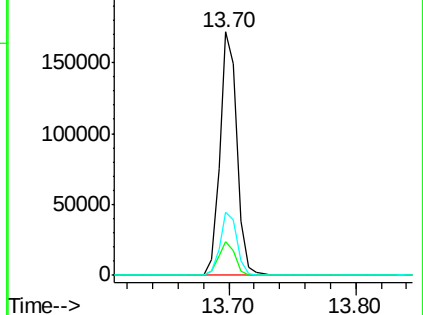
236 26.1 20.5 30.7



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: 43.75 ng

RT: 12.66 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF096916.D

Acq: 20 Jul 2017 20:09

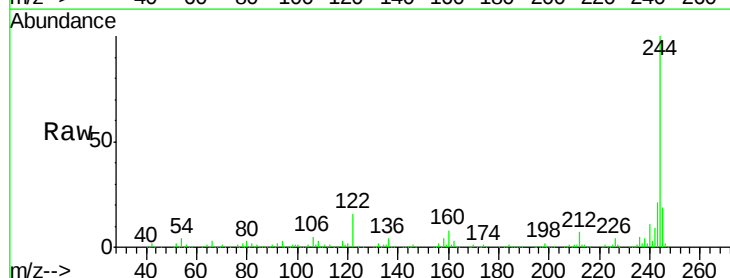
Tgt Ion:244 Resp: 407569

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

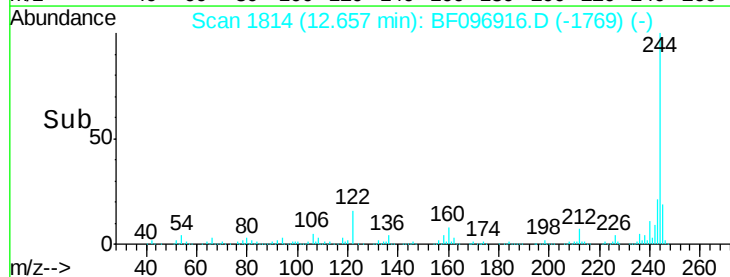
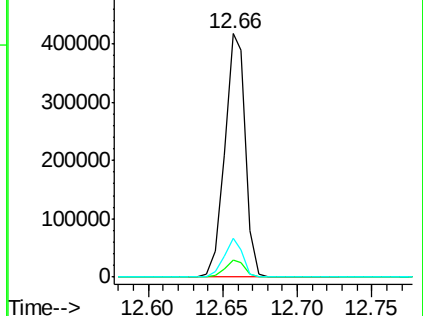
122 15.9 10.3 15.5#

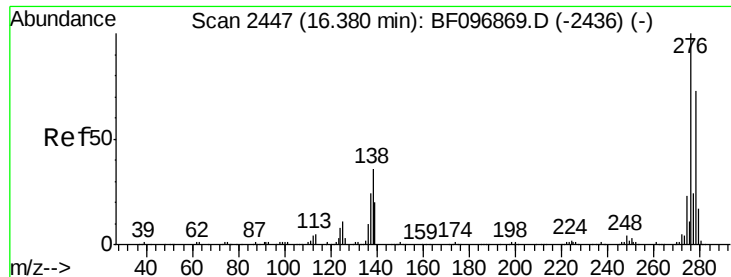


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

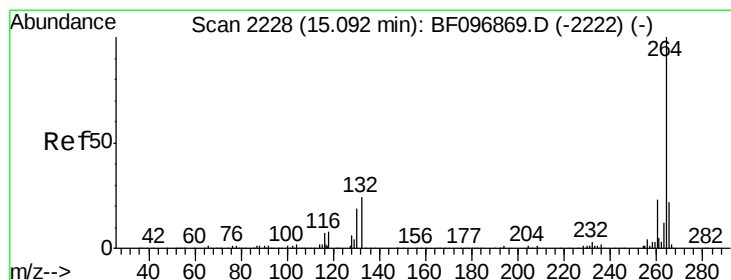
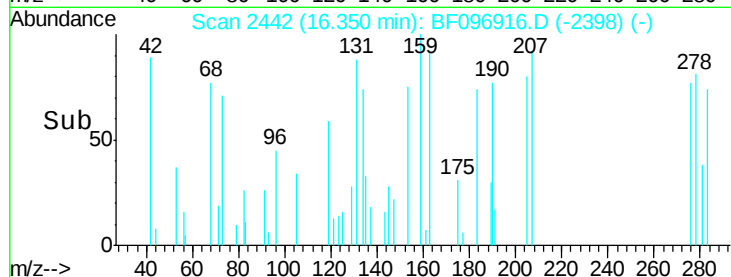
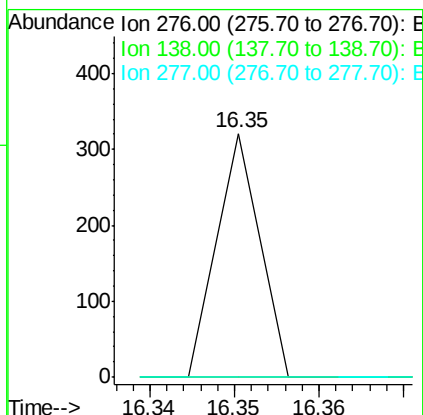
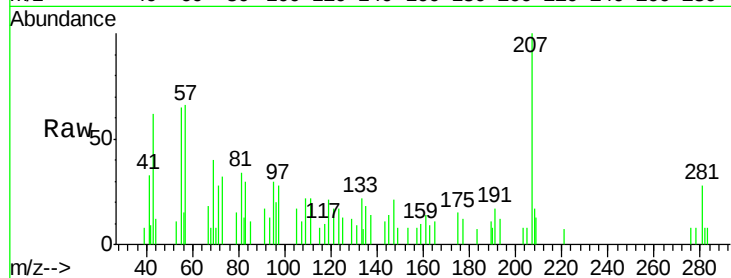




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.34 ng
 RT: 16.35 min Scan# 2442
 Delta R.T. -0.04 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 72-11987

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#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096916.D
 Acq: 20 Jul 2017 20:09

Tgt Ion: 264 Resp: 169350
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.2 25.8

