

Data File : BF096921.D
Acq On : 20 Jul 2017 22:29
Operator : SJ/JU
Sample : I4317-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

Quant Time: Jul 21 03:28:38 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	85764	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	350071	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	147726	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	212848	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	179349	20.00	ng	-0.04
86) Perylene-d12	15.07	264	182746	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	637442	111.75	ng	-0.02
7) Phenol-d6	6.22	99	681199	99.52	ng	-0.03
23) Nitrobenzene-d5	7.13	82	397713	70.37	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	121909	96.68	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	717844	76.77	ng	-0.04
78) Terphenyl-d14	12.66	244	436706	42.23	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	26057	3.37	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.13	70	52545	12.74	ng	# 88
25) Isophorone	7.13	82	385816	36.70	ng	# 67
49) Dimethylphthalate	9.32	163	89399	8.04	ng	99
56) 2,4-Dinitrotoluene	9.60	165	18682	6.03	ng	# 31
66) 4-Bromophenyl-phenylether	10.38	248	7849	3.61	ng	# 1
74) Fluoranthene	12.28	202	51922	4.69	ng	94
77) Pyrene	12.50	202	45891	2.82	ng	97
85) Indeno(1,2,3-cd)pyrene	16.33	276	11533	4.42	ng	96
87) Benzo(b)fluoranthene	14.69	252	45075	4.09	ng	97
88) Benzo(k)fluoranthene	14.69	252	45075	4.32	ng	98

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

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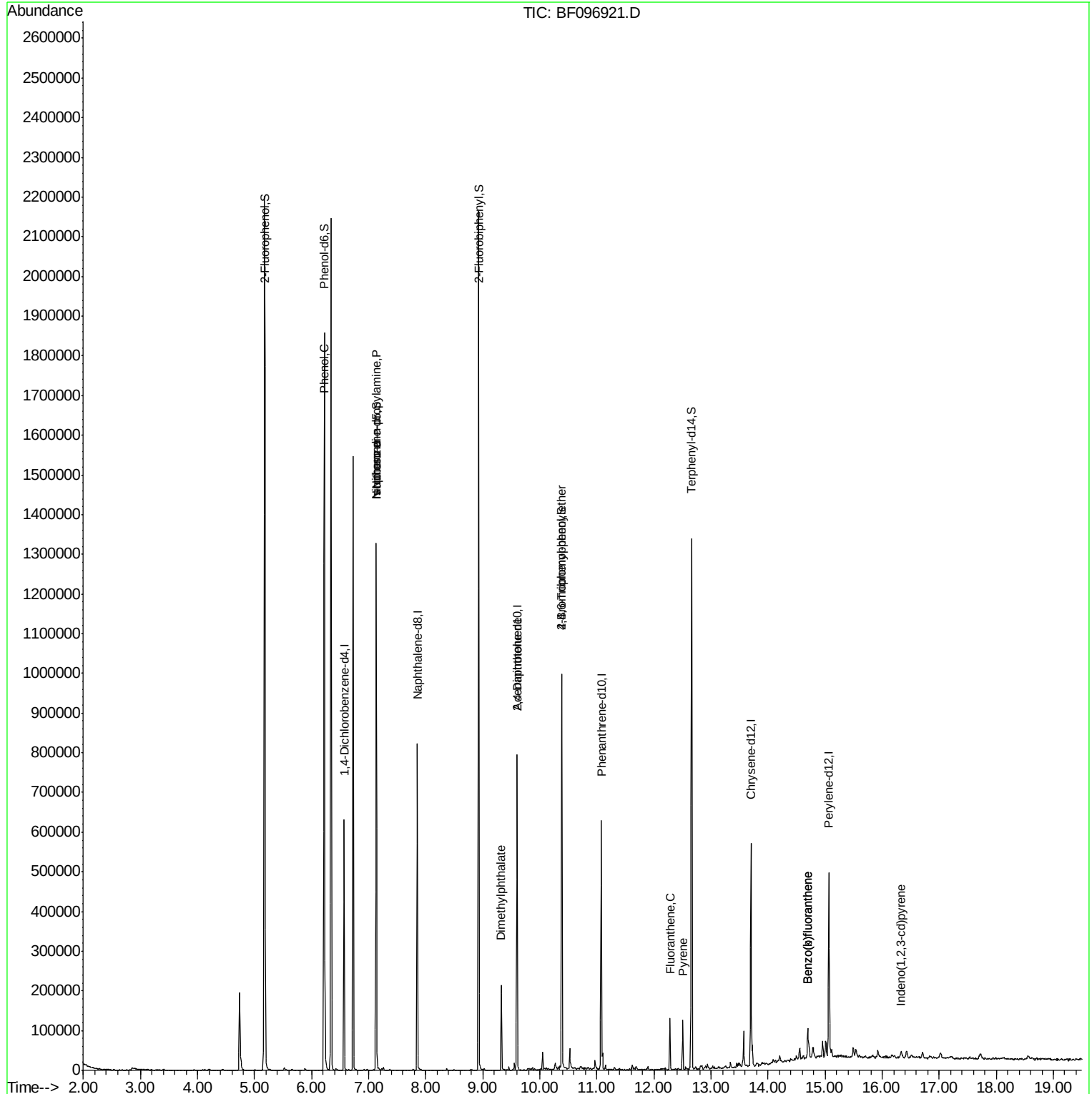
Quant Time: Jul 21 03:28:38 2017

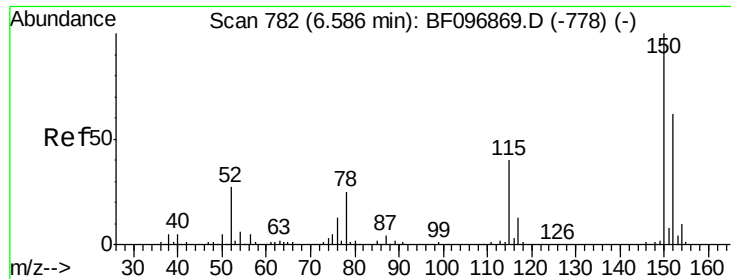
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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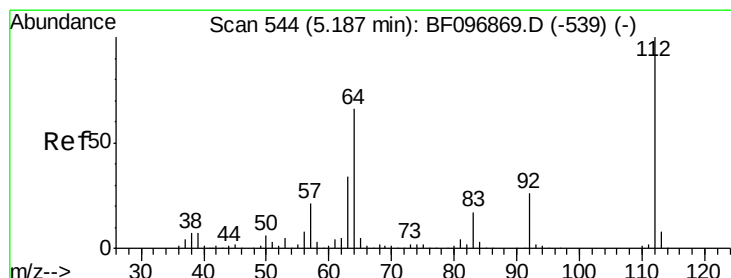
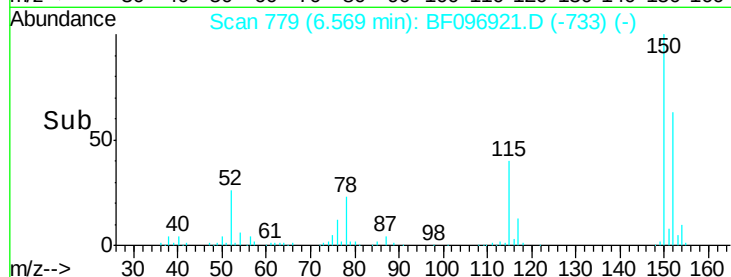
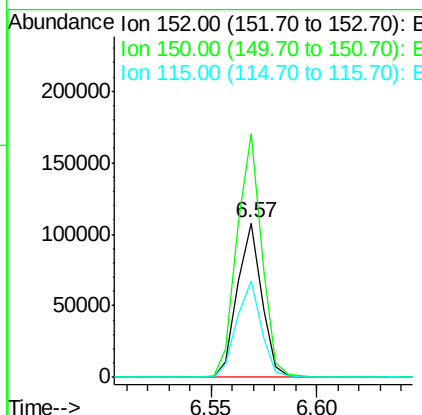
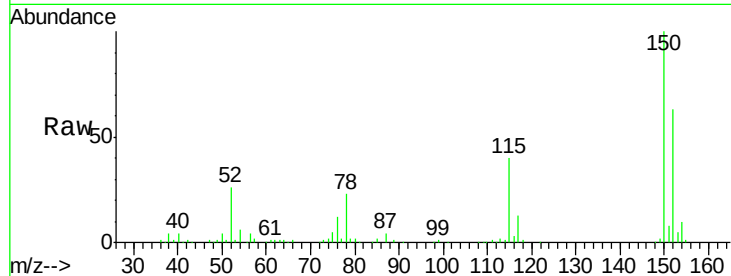




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096921.D
 Acq: 20 Jul 2017 22:29

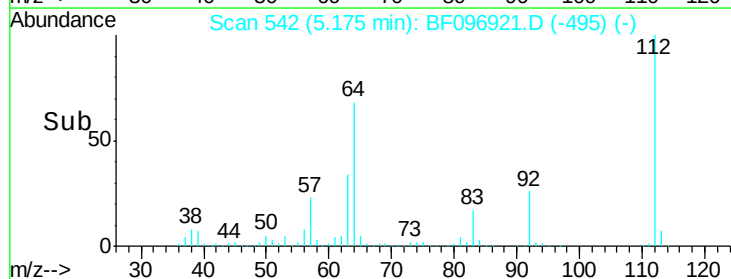
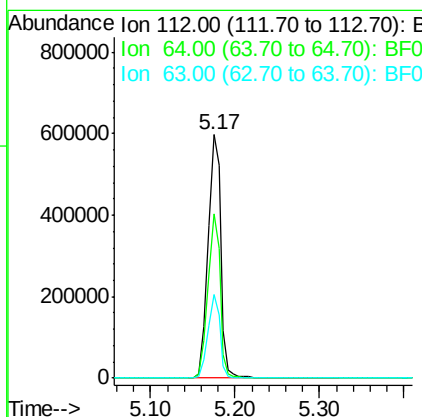
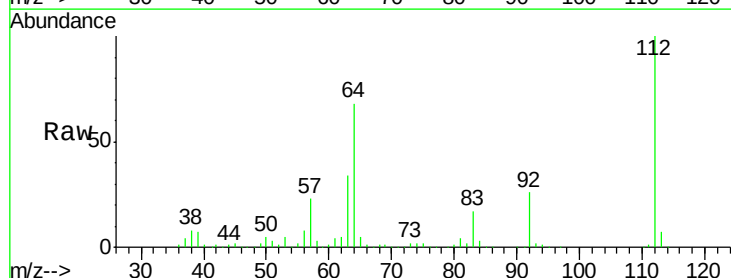
Instrument :
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 SP-1-TP-1-2-3-COMP

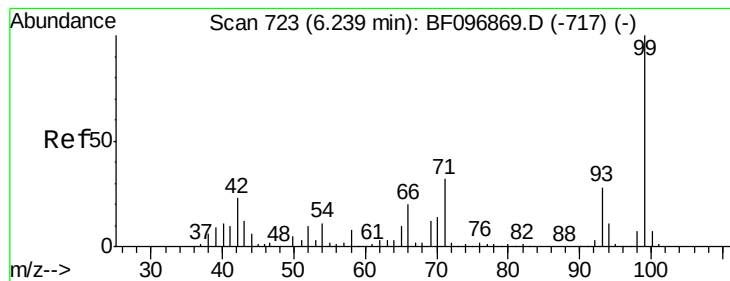
Tgt Ion:152 Resp: 85764
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 62.5 52.2 78.2



#5
 2-Fluorophenol
 Concen: 111.75 ng
 RT: 5.17 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF096921.D
 Acq: 20 Jul 2017 22:29

Tgt Ion:112 Resp: 637442
 Ion Ratio Lower Upper
 112 100
 64 67.5 46.0 69.0
 63 34.3 23.4 35.0





#7

Phenol-d6

Concen: 99.52 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

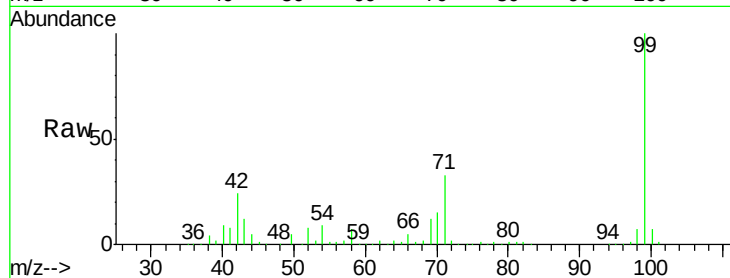
Tgt Ion: 99 Resp: 681199

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

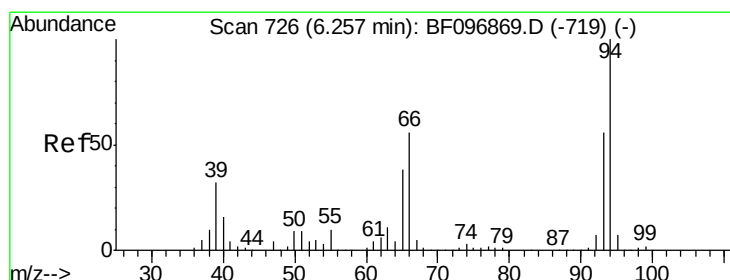
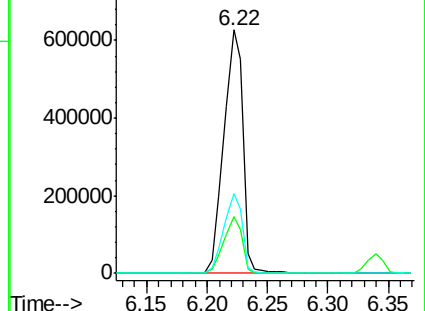
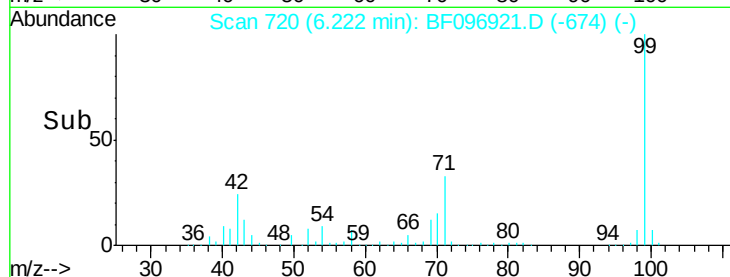
71 32.8 24.5 36.7



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: 3.37 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

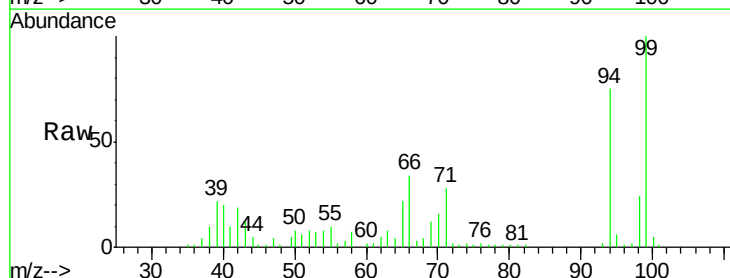
Tgt Ion: 94 Resp: 26057

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

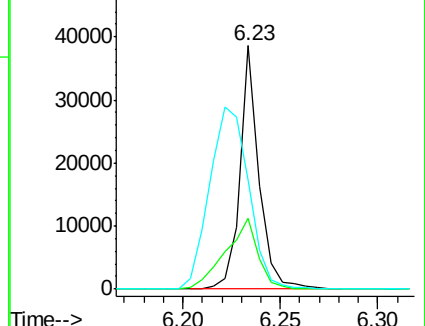
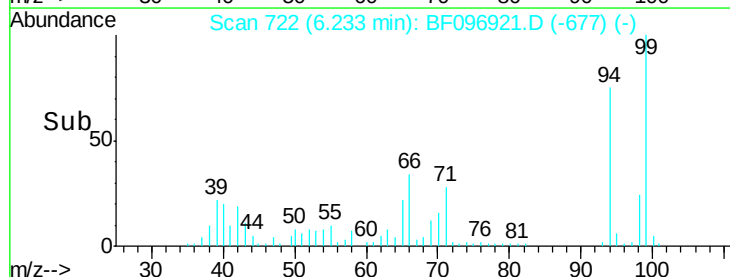
66 44.9 23.1 63.1

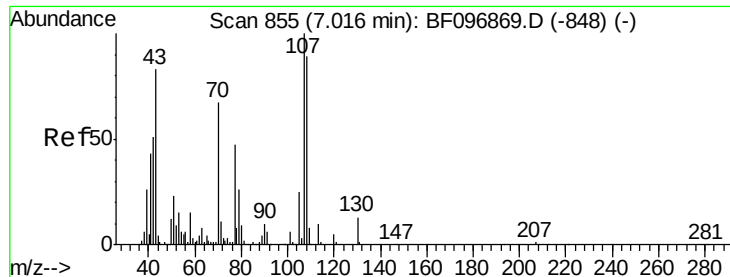


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

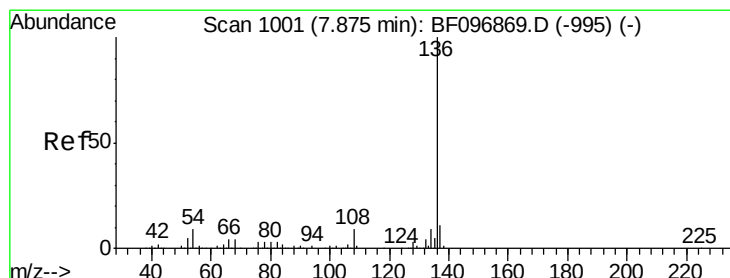
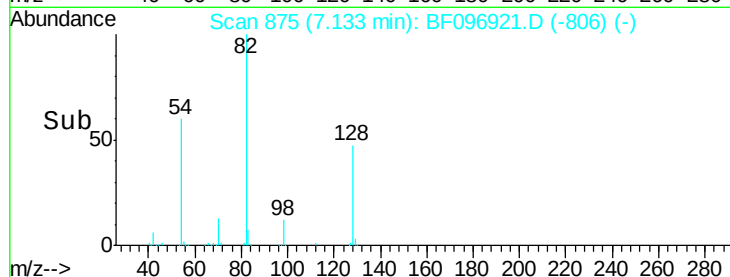
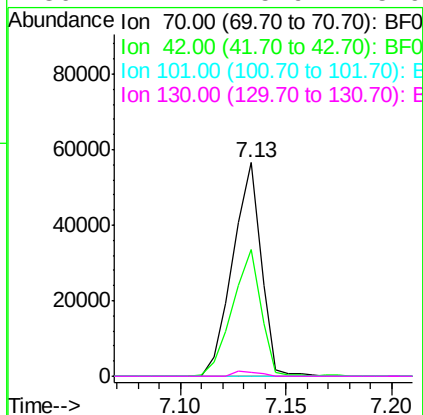
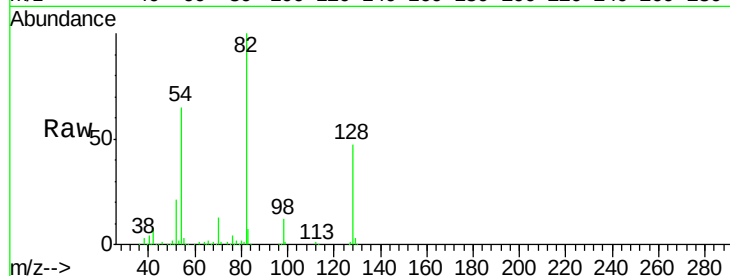




#19
n-Nitroso-di-n-propylamine
Concen: 12.74 ng
RT: 7.13 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

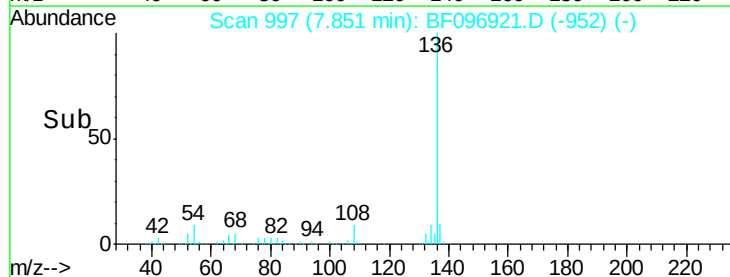
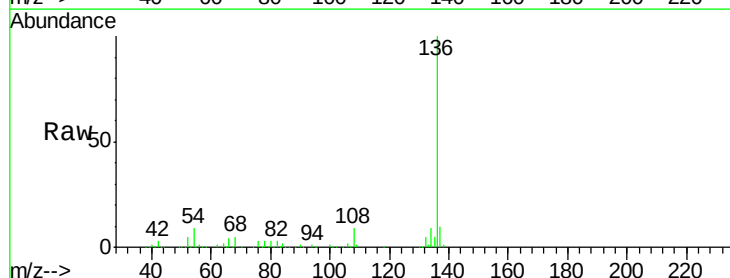
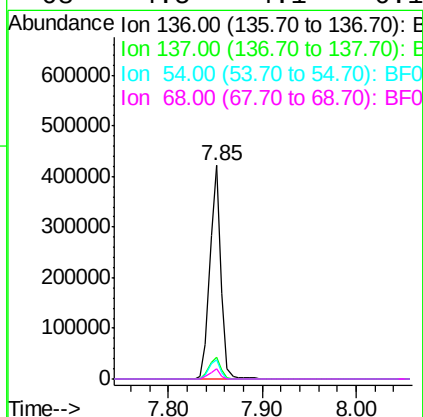
Instrument :
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SP-1-TP-1-2-3-COMP

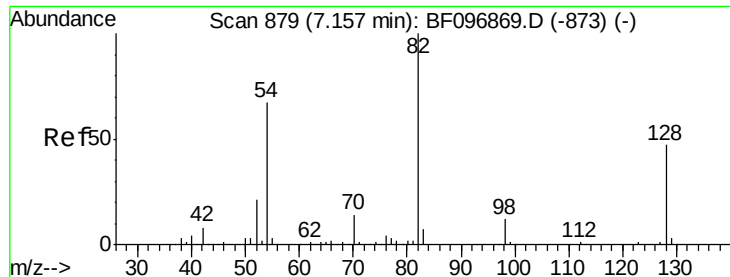
Tgt Ion: 70 Resp: 52545
Ion Ratio Lower Upper
70 100
42 59.3 47.2 70.8
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion: 136 Resp: 350071
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.0 4.9 7.3#
68 4.5 4.1 6.1

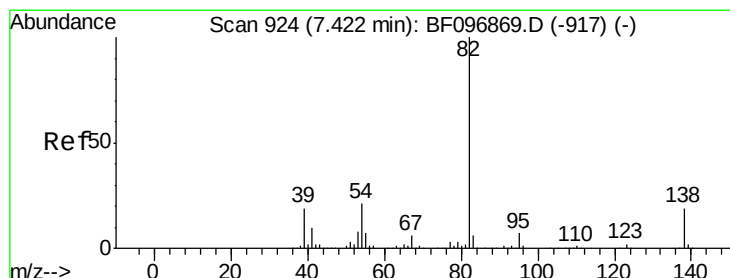
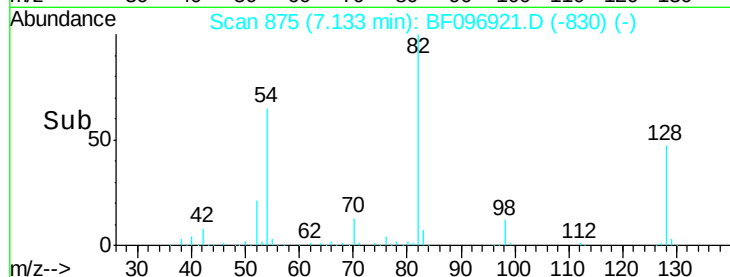
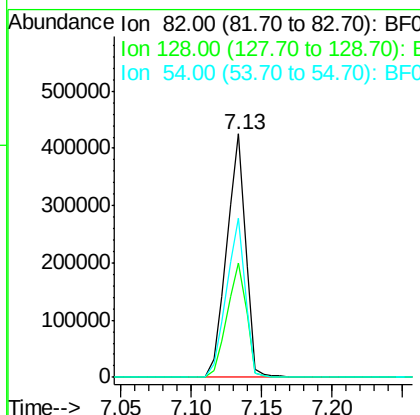
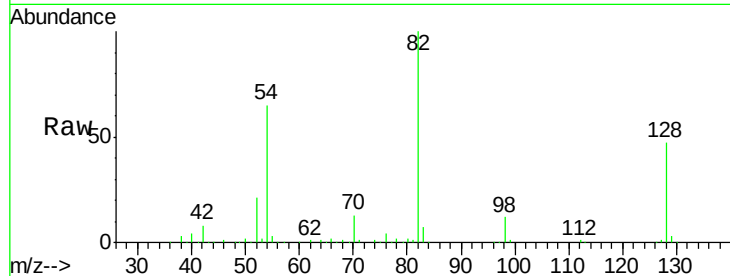




#23
 Nitrobenzene-d5
 Concen: 70.37 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096921.D
 Acq: 20 Jul 2017 22:29

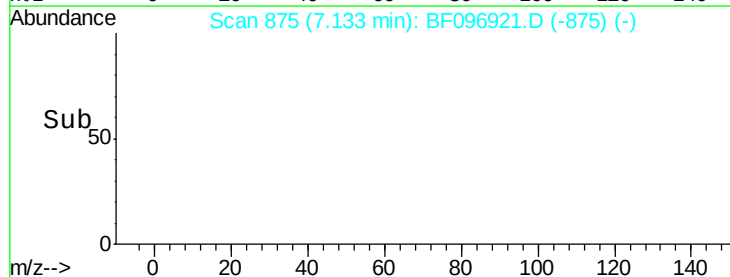
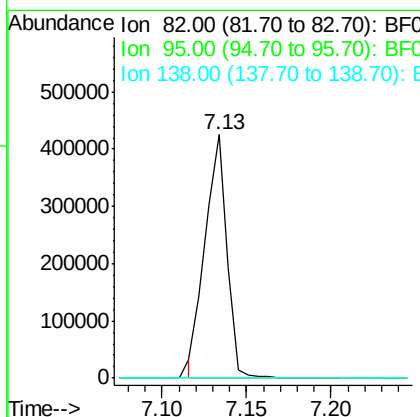
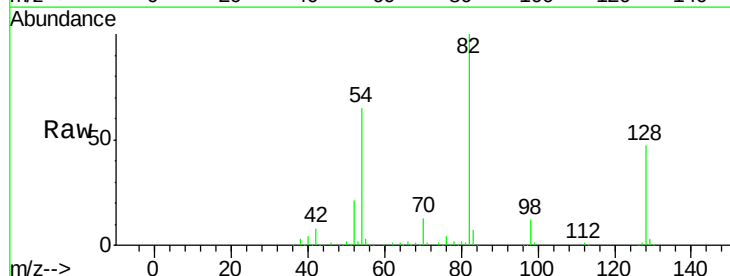
Instrument :
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 ClientSampleId :
 SP-1-TP-1-2-3-COMP

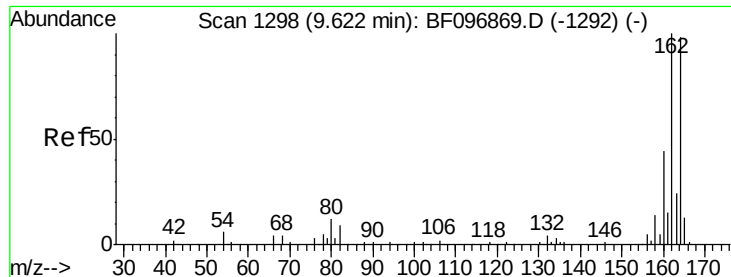
Tgt Ion: 82 Resp: 397713
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 65.5 42.2 63.2#



#25
 Isophorone
 Concen: 36.70 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.30 min
 Lab File: BF096921.D
 Acq: 20 Jul 2017 22:29

Tgt Ion: 82 Resp: 385816
 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: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

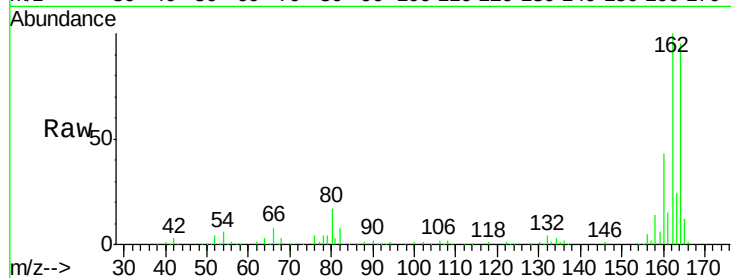
Tgt Ion:164 Resp: 147726

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

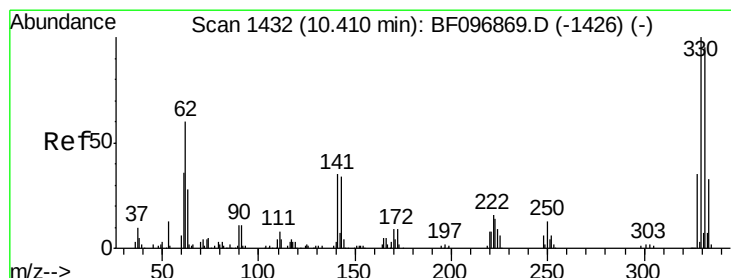
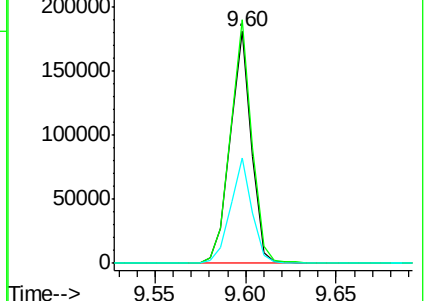
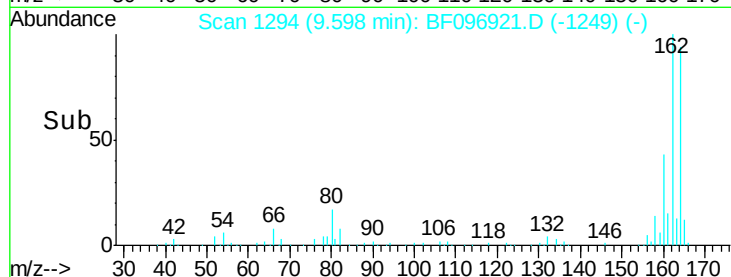
160 45.3 36.2 54.2



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: 96.68 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

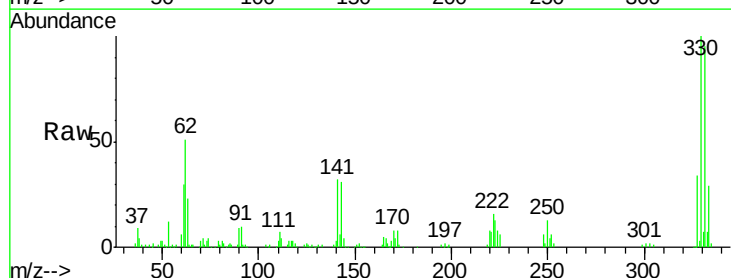
Tgt Ion:330 Resp: 121909

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

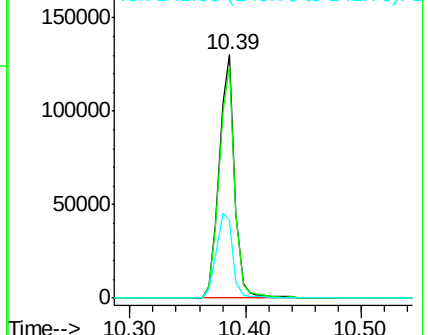
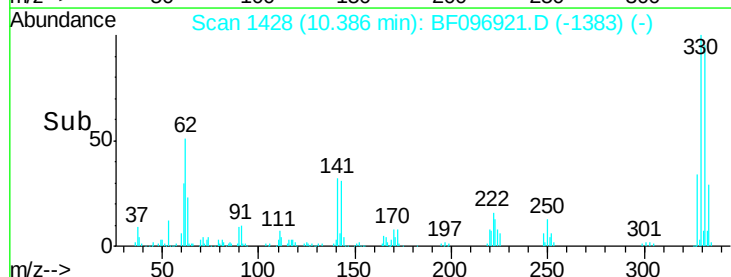
141 37.3 31.4 47.2

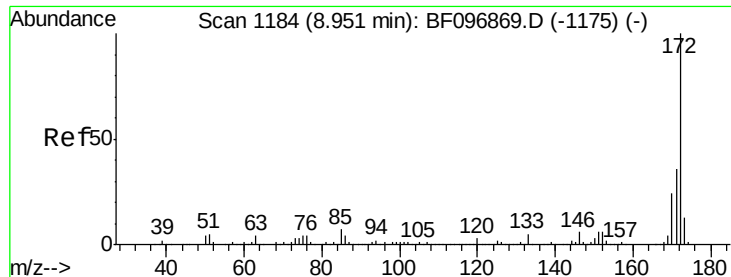


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

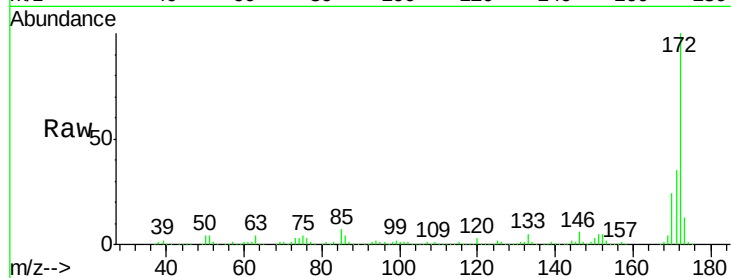




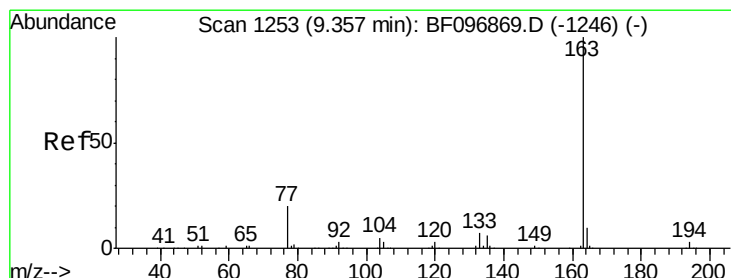
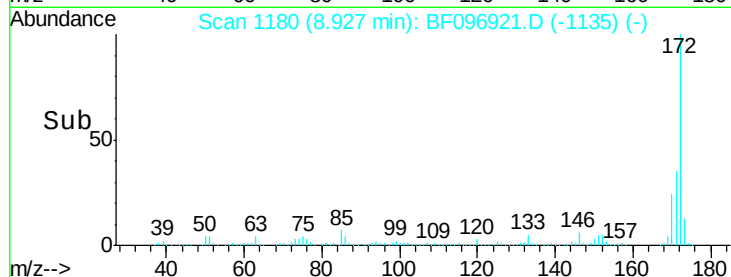
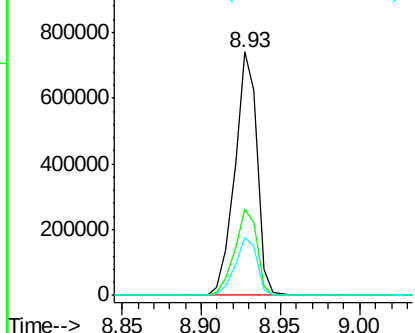
#44
2-Fluorobiphenyl
Concen: 76.77 ng
RT: 8.93 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
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SP-1-TP-1-2-3-COMP

Tgt Ion:172 Resp: 717844
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.9 19.8 29.8

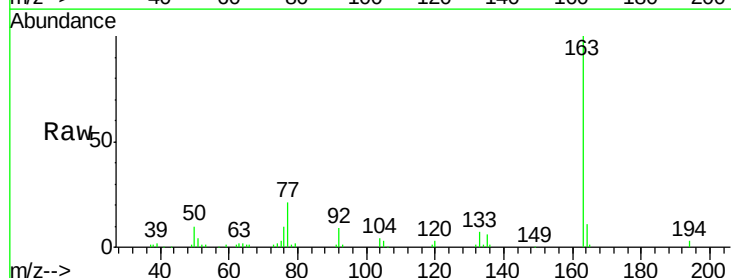


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

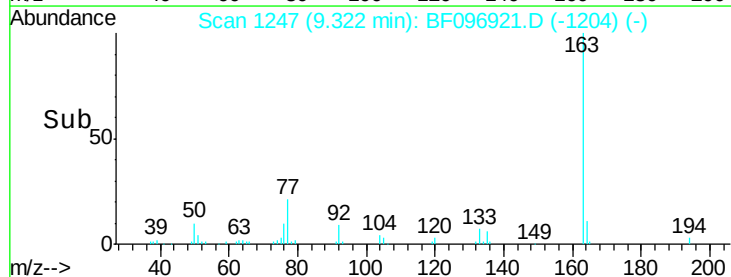
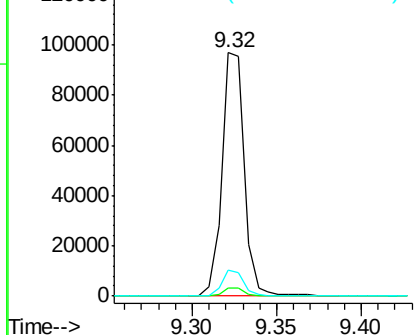


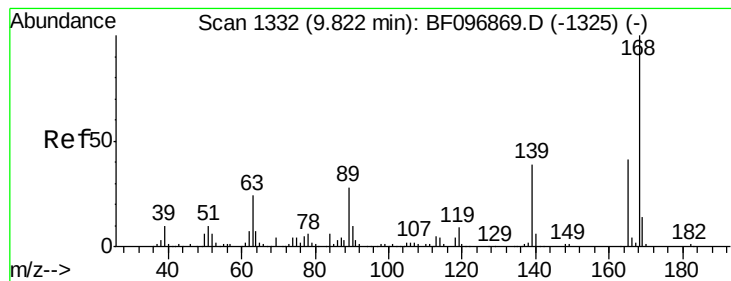
#49
Dimethylphthalate
Concen: 8.04 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion:163 Resp: 89399
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 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: 6.03 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.23 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

Tgt Ion:165 Resp: 18682

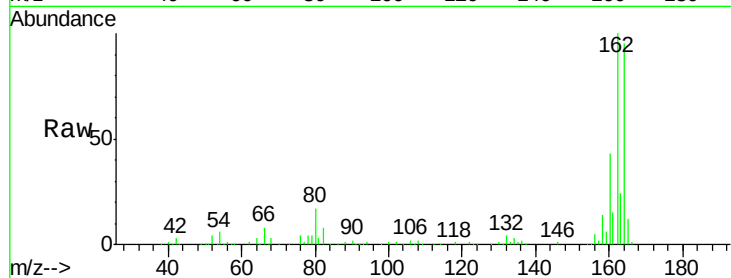
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

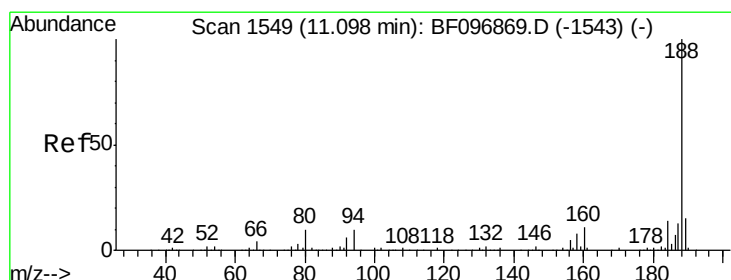
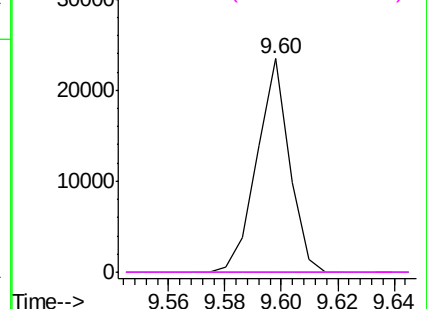
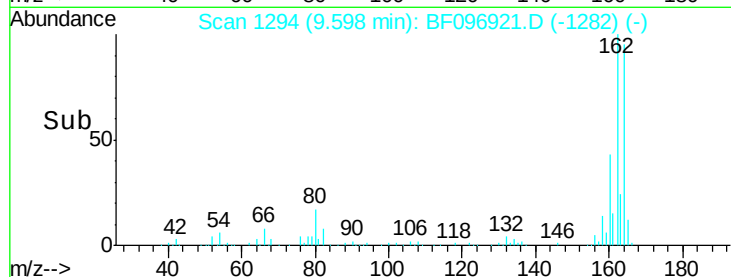


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF096921.D

Acq: 20 Jul 2017 22:29

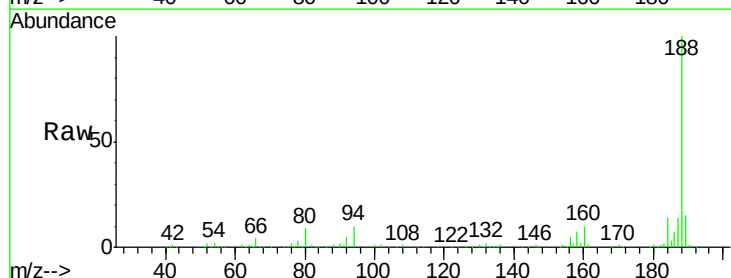
Tgt Ion:188 Resp: 212848

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

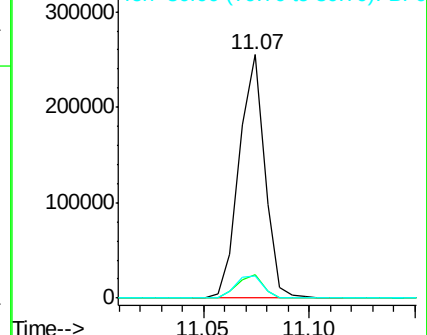
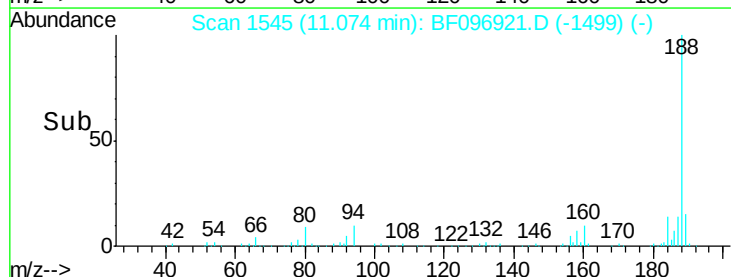
80 9.3 10.2 15.2#

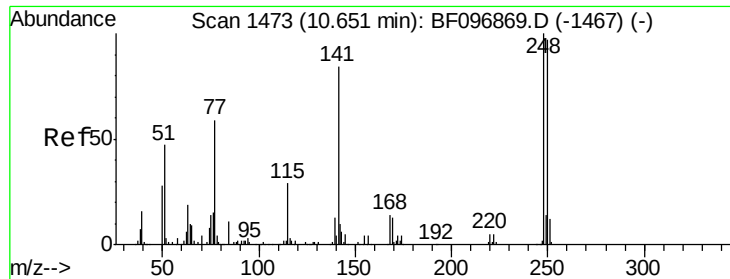


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

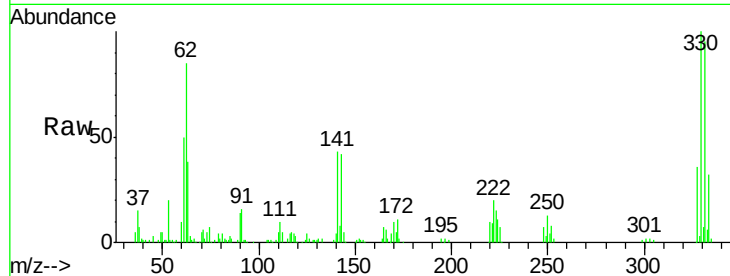




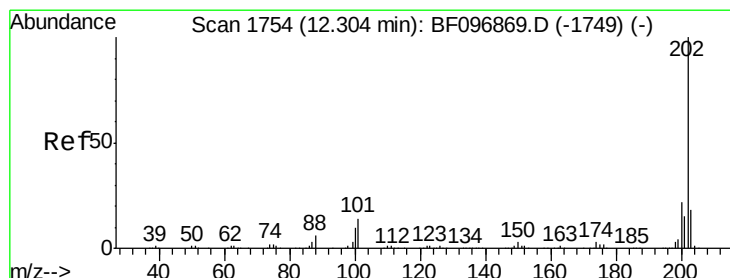
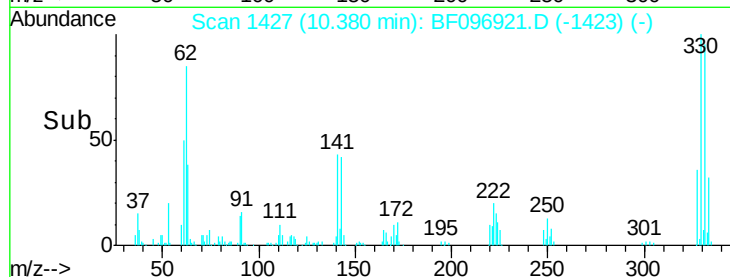
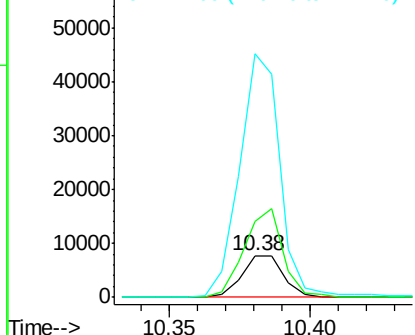
#66
 4-Bromophenyl-phenylether
 Concen: 3.61 ng
 RT: 10.38 min Scan# 1427
 Delta R.T. -0.28 min
 Lab File: BF096921.D
 Acq: 20 Jul 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

Tgt Ion:248 Resp: 7849
 Ion Ratio Lower Upper
 248 100
 250 180.9 76.8 115.2#
 141 581.3 68.6 103.0#

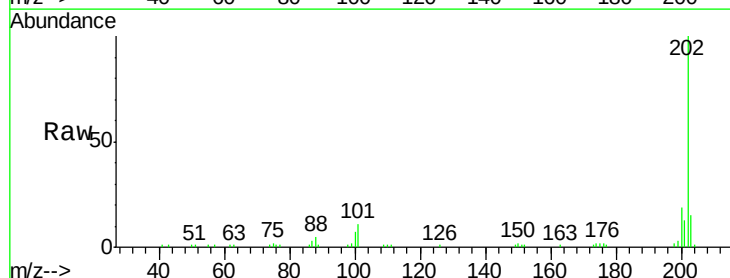


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

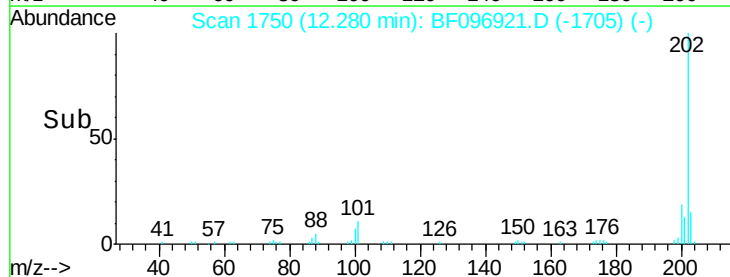
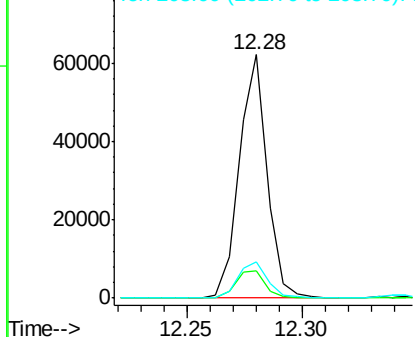


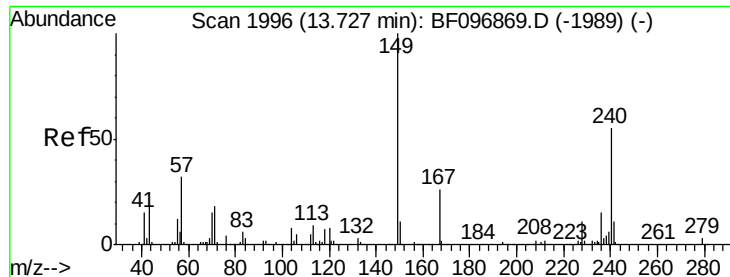
#74
 Fluoranthene
 Concen: 4.69 ng
 RT: 12.28 min Scan# 1750
 Delta R.T. -0.04 min
 Lab File: BF096921.D
 Acq: 20 Jul 2017 22:29

Tgt Ion:202 Resp: 51922
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 33.2
 203 14.7 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: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

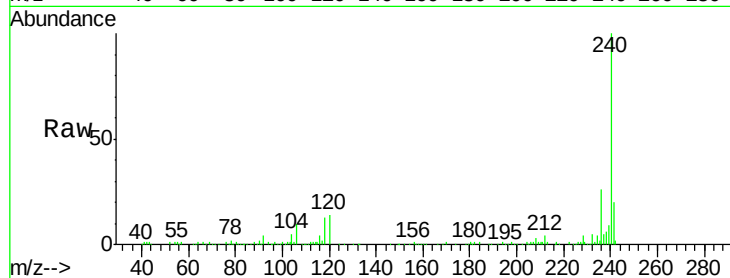
Tgt Ion:240 Resp: 179349

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

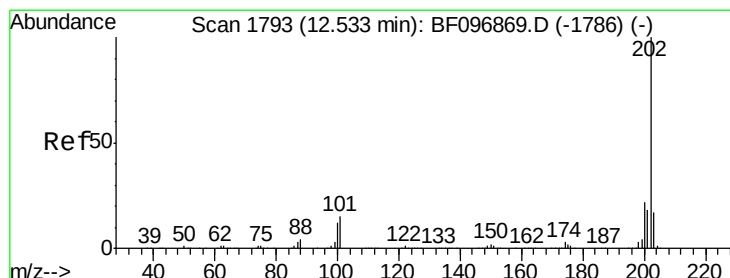
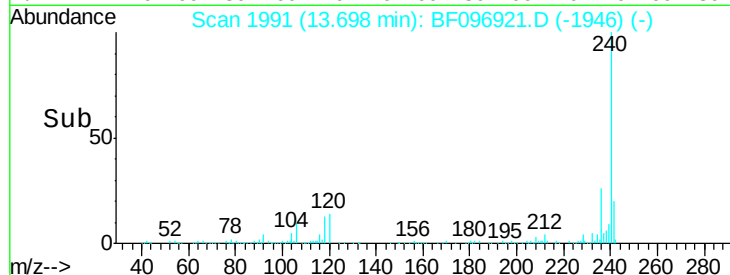
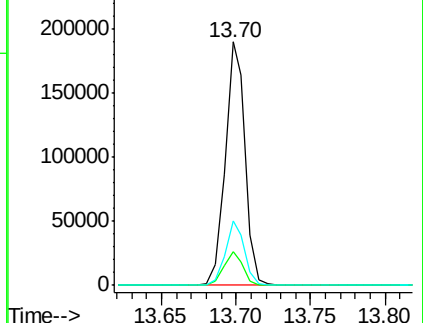
236 26.4 20.5 30.7



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



#77

Pyrene

Concen: 2.82 ng

RT: 12.50 min Scan# 1788

Delta R.T. -0.04 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

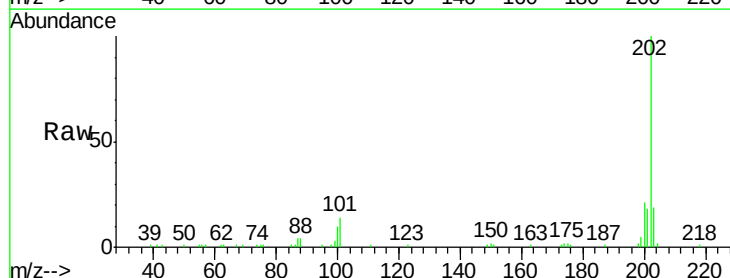
Tgt Ion:202 Resp: 45891

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

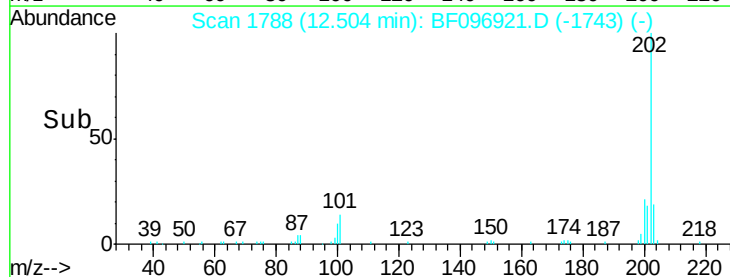
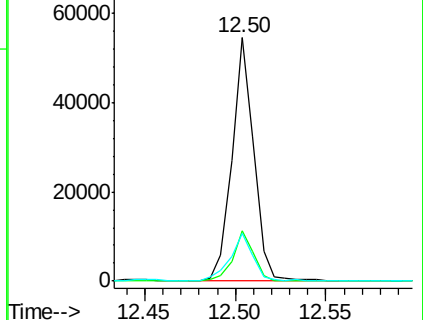
203 19.5 14.4 21.6

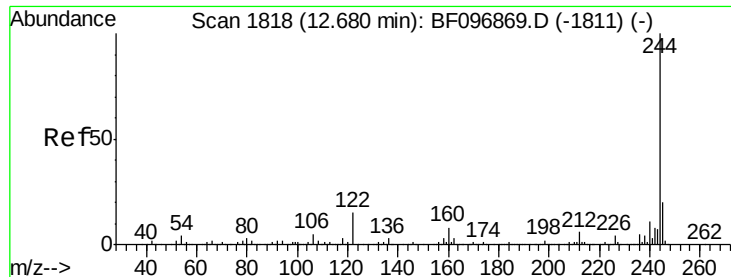


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 42.23 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP

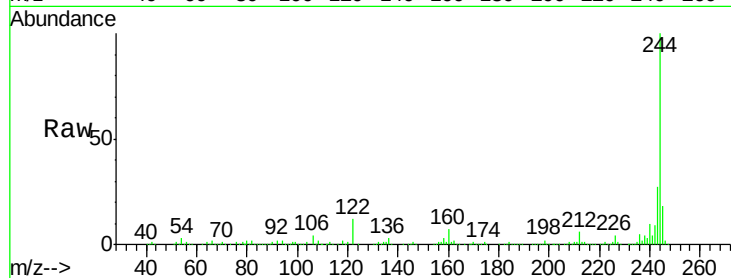
Tgt Ion:244 Resp: 436706

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

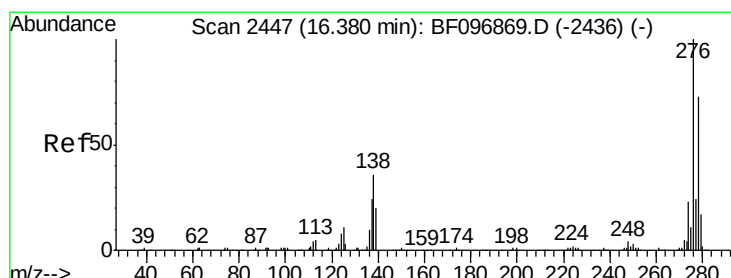
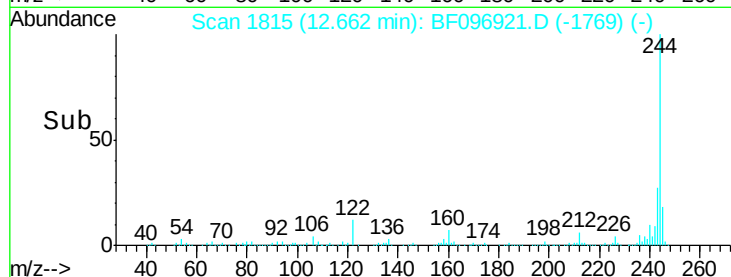
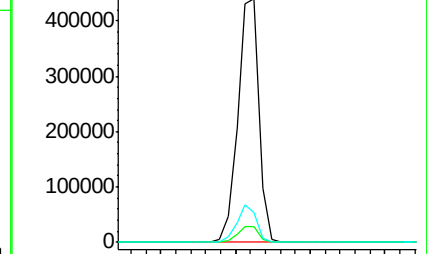
122 12.3 10.3 15.5



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: 4.42 ng

RT: 16.33 min Scan# 2439

Delta R.T. -0.06 min

Lab File: BF096921.D

Acq: 20 Jul 2017 22:29

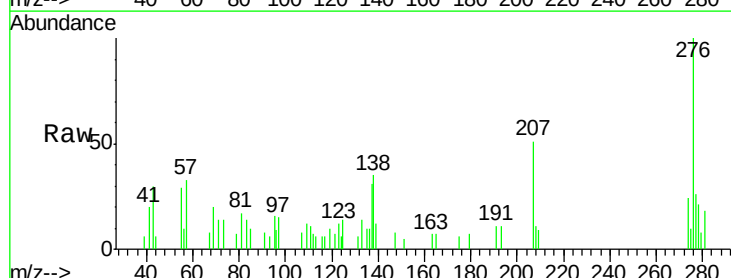
Tgt Ion:276 Resp: 11533

Ion Ratio Lower Upper

276 100

138 31.6 27.8 41.6

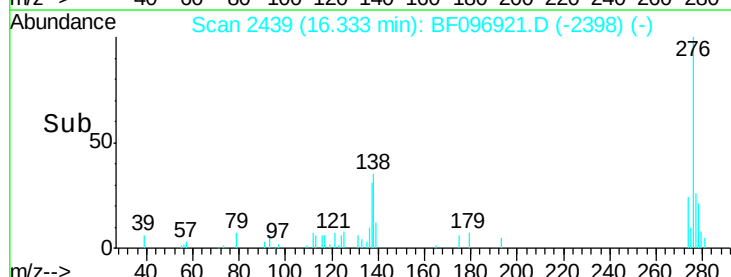
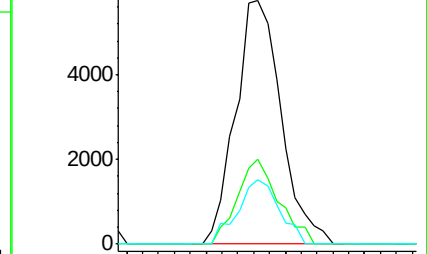
277 24.2 20.2 30.4

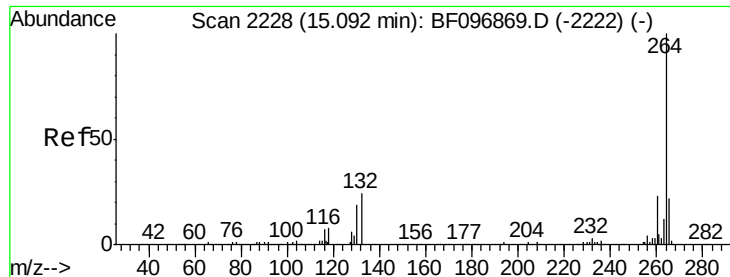


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



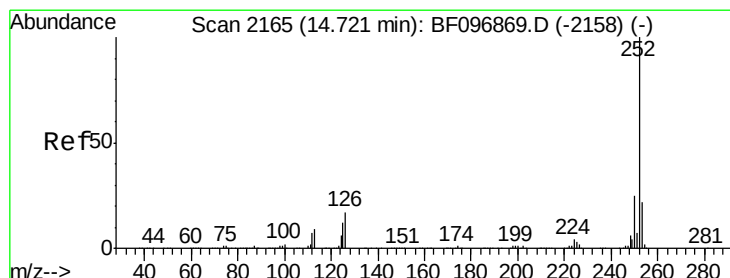
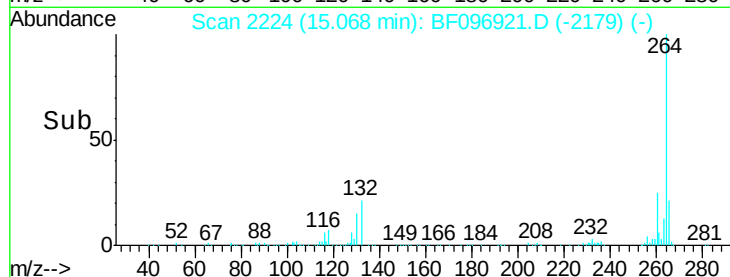
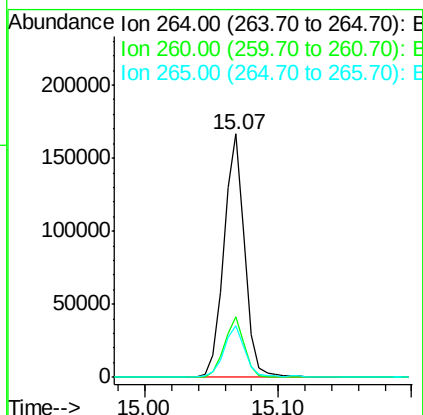
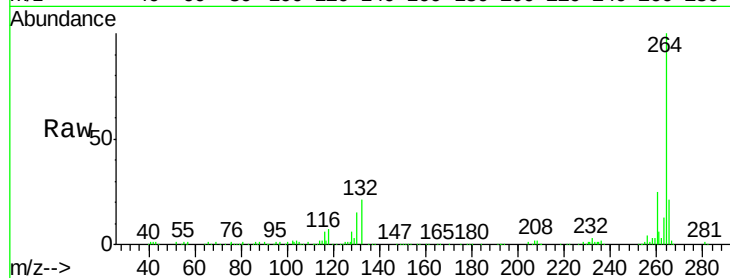


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Instrument :
BNA_F
ClientSampleId :
SP-1-TP-1-2-3-COMP

Tgt Ion: 264 Resp: 182746

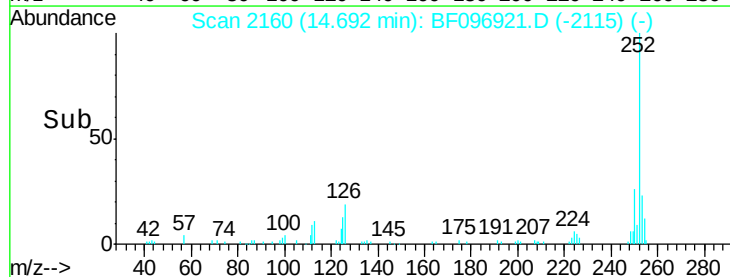
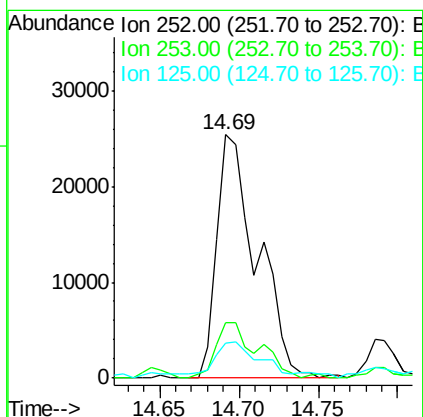
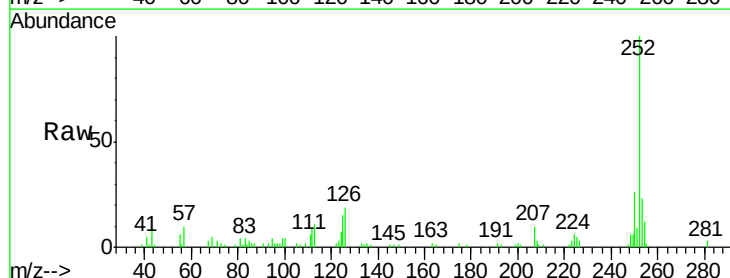
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.0	17.2	25.8

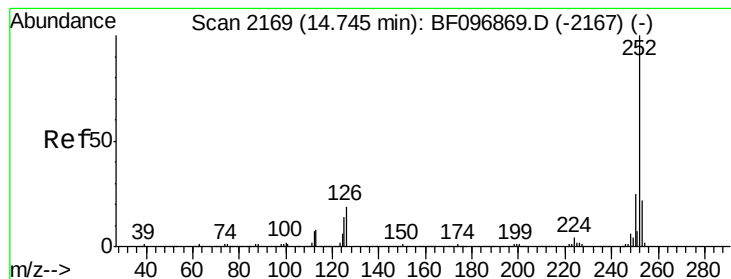


#87
Benzo(b)fluoranthene
Concen: 4.09 ng
RT: 14.69 min Scan# 2160
Delta R.T. -0.04 min
Lab File: BF096921.D
Acq: 20 Jul 2017 22:29

Tgt Ion: 252 Resp: 45075

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.6	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 4.32 ng

RT: 14.69 min Scan# 2160

Delta R.T. -0.06 min

Lab File: BF096921.D

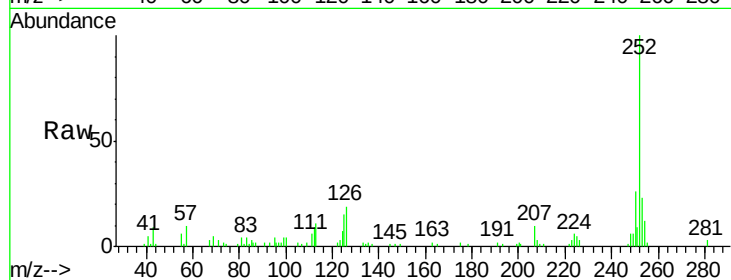
Acq: 20 Jul 2017 22:29

Instrument :

BNA_F

ClientSampleId :

SP-1-TP-1-2-3-COMP



Tgt Ion:	252	Resp:	45075
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	14.6	13.1	19.7

