

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
 Data File : BF096044.D
 Acq On : 20 Jun 2017 14:49
 Operator : SJ/MA
 Sample : I3694-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-A

Quant Time: Jun 20 16:09:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

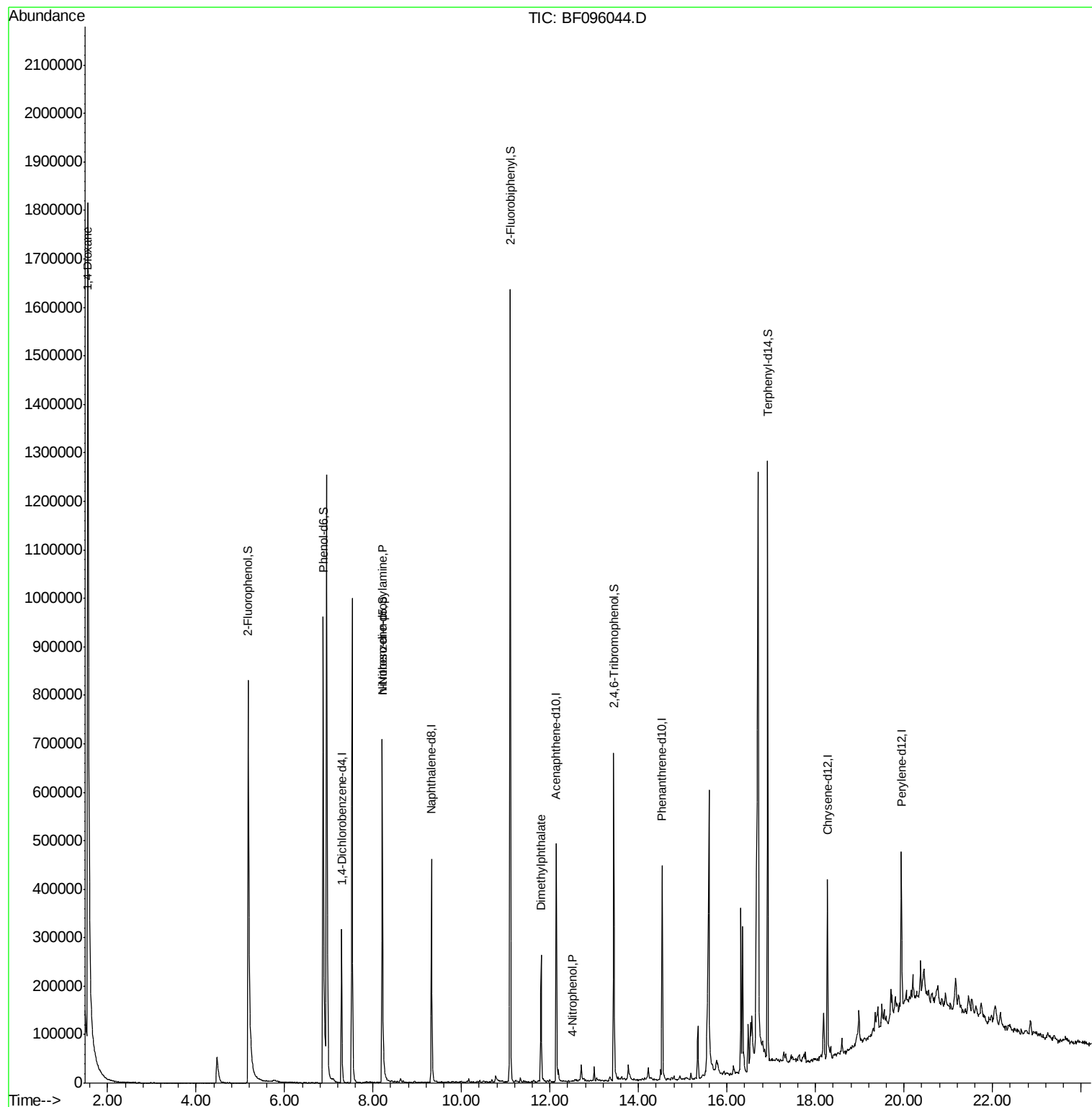
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	76967	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	320337	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	143003	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	230025	20.00	ng	0.00
75) Chrysene-d12	18.27	240	148765	20.00	ng	0.00
86) Perylene-d12	19.94	264	139840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	545523	112.94	ng	0.00
7) Phenol-d6	6.87	99	672958	116.38	ng	0.00
23) Nitrobenzene-d5	8.21	82	384480	74.54	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	114836	90.76	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	739510	71.96	ng	0.00
78) Terphenyl-d14	16.92	244	470827	78.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	88661	38.585	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	48994	13.370	ng	# 74
49) Dimethylphthalate	11.80	163	151202	13.926	ng	99
55) 4-Nitrophenol	12.50	139	236	4.765	ng	# 25

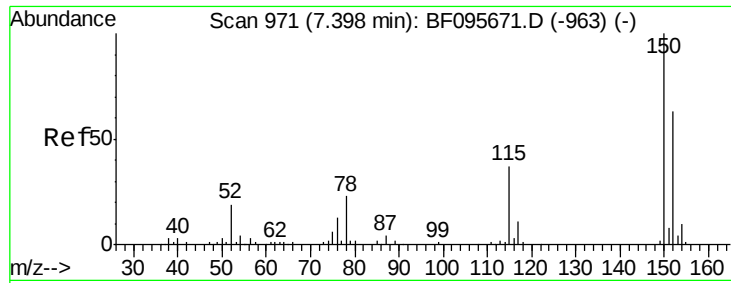
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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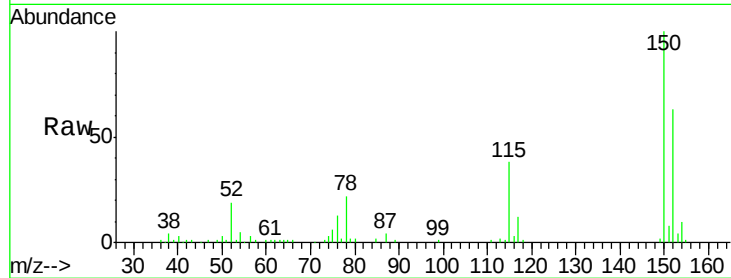




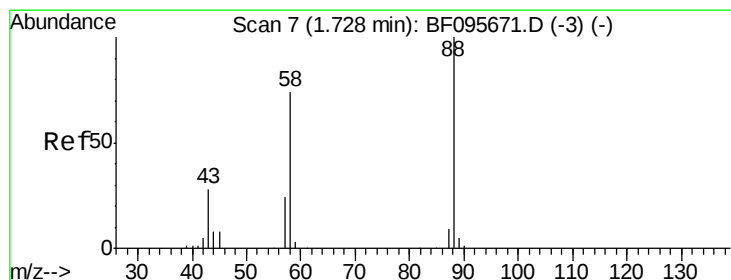
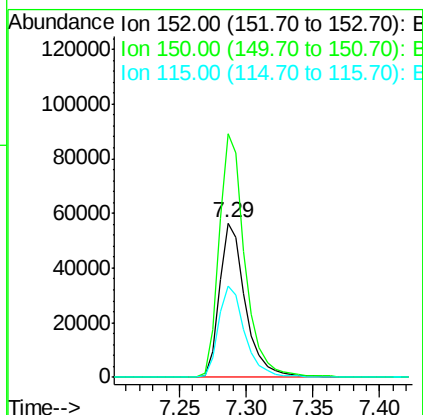
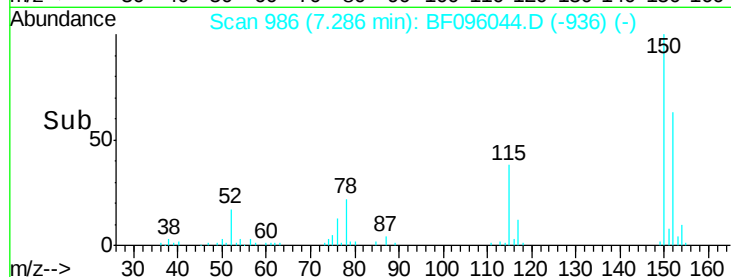
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.29 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF096044.D
 Acq: 20 Jun 2017 14:49

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-A

Tgt Ion:152 Resp: 76967
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 59.4 52.2 78.2

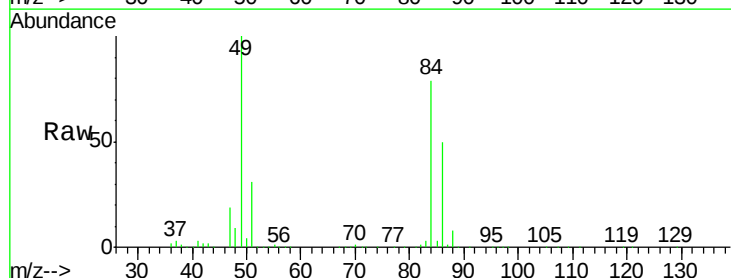


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

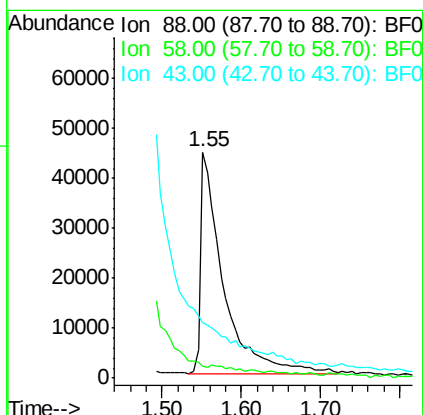
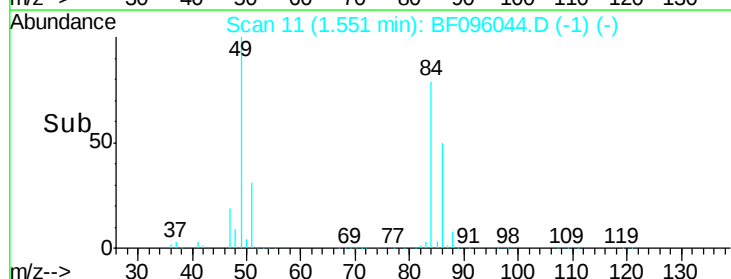


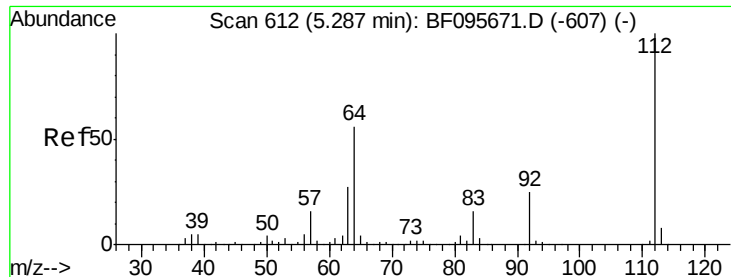
#2
 1,4-Dioxane
 Concen: 38.585 ng
 RT: 1.55 min Scan# 11
 Delta R.T. -0.06 min
 Lab File: BF096044.D
 Acq: 20 Jun 2017 14:49

Tgt Ion: 88 Resp: 88661
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.4 92.0#
 43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 112.940 ng

RT: 5.18 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF096044.D

Acq: 20 Jun 2017 14:49

Instrument :

BNA_F

ClientSampleId :

NB-08-061417-A

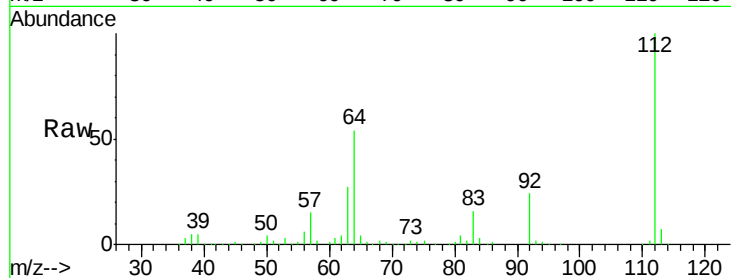
Tgt Ion: 112 Resp: 545523

Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

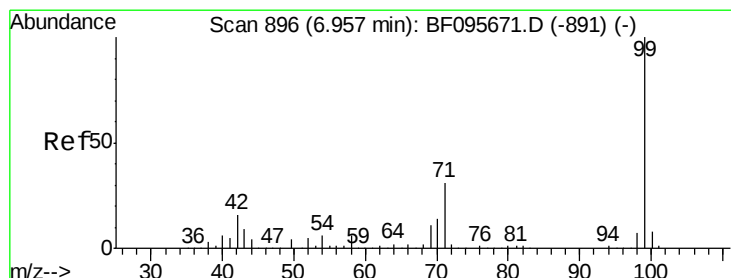
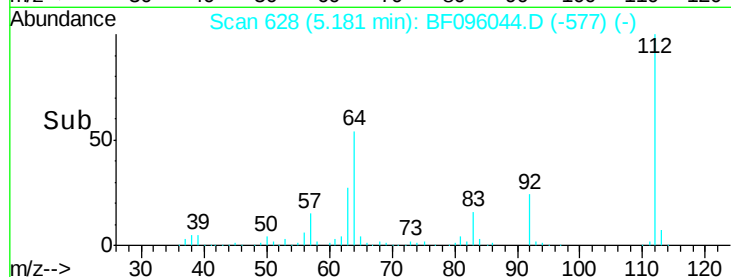
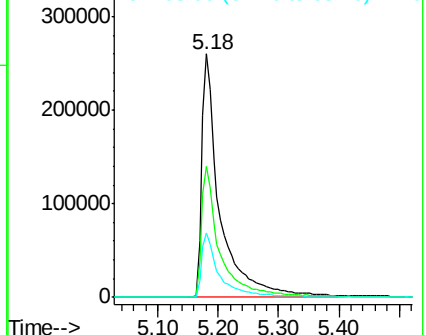
63 26.6 23.4 35.0



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: 116.377 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096044.D

Acq: 20 Jun 2017 14:49

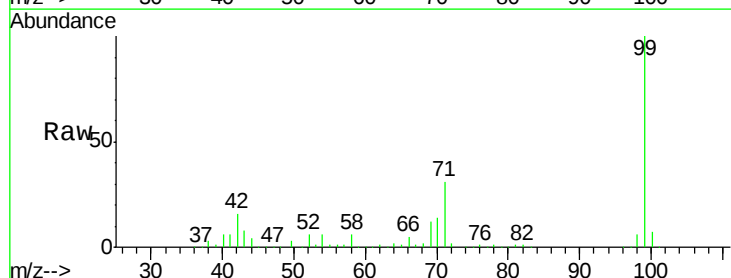
Tgt Ion: 99 Resp: 672958

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

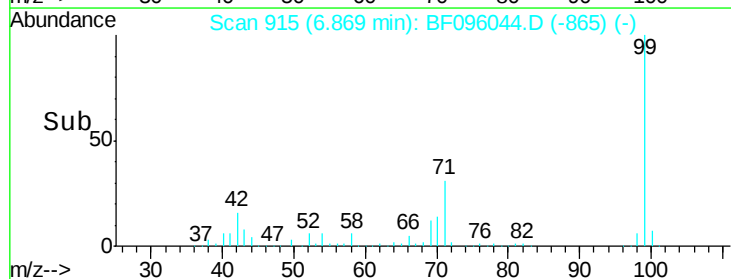
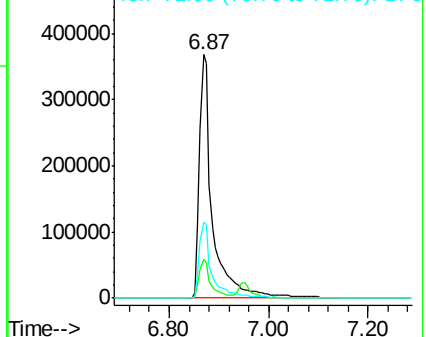
71 31.4 24.5 36.7

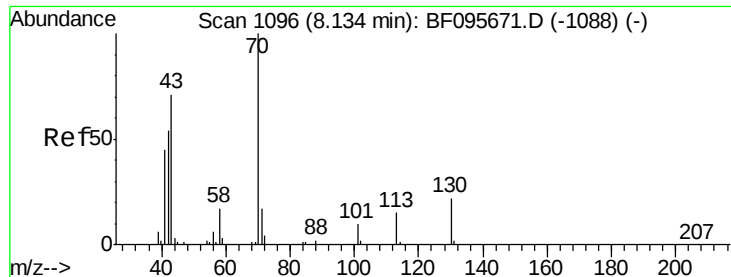


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

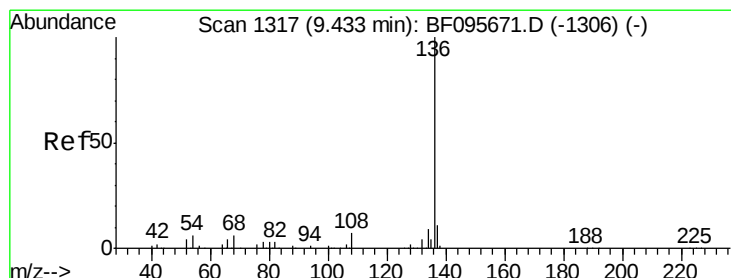
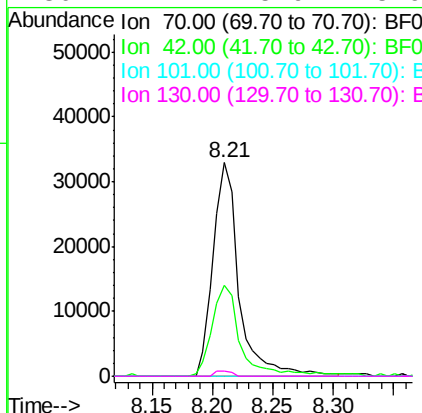
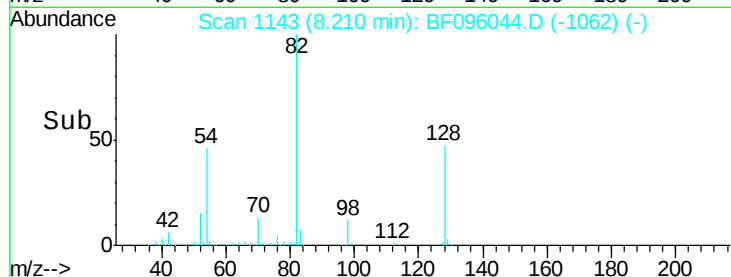
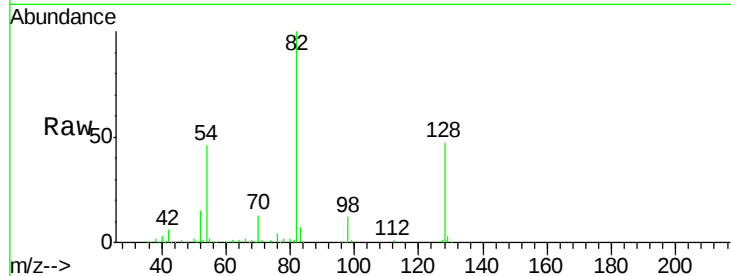




#19
n-Nitroso-di-n-propylamine
Concen: 13.370 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096044.D
Acq: 20 Jun 2017 14:49

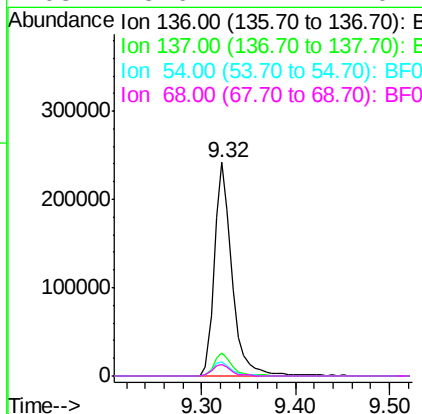
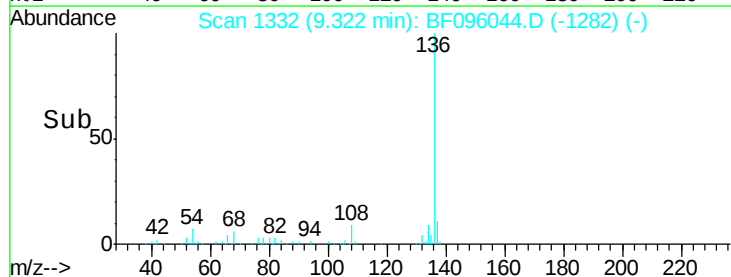
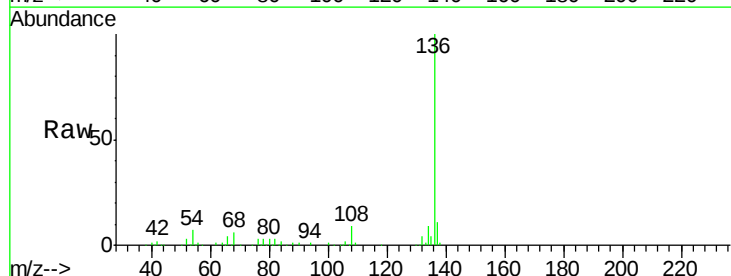
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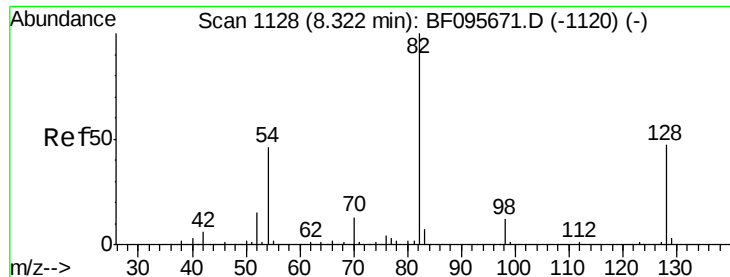
Tgt Ion: 70 Resp: 48994
Ion Ratio Lower Upper
70 100
42 42.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096044.D
Acq: 20 Jun 2017 14:49

Tgt Ion: 136 Resp: 320337
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.9 4.9 7.3
68 5.6 4.1 6.1

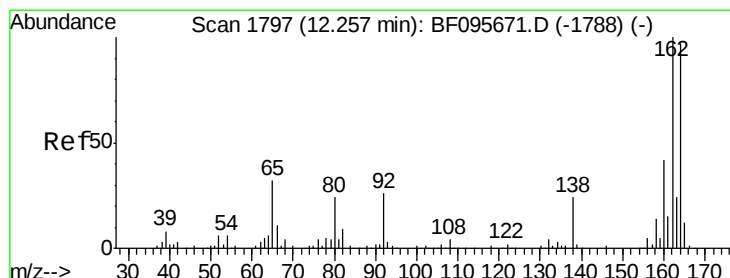
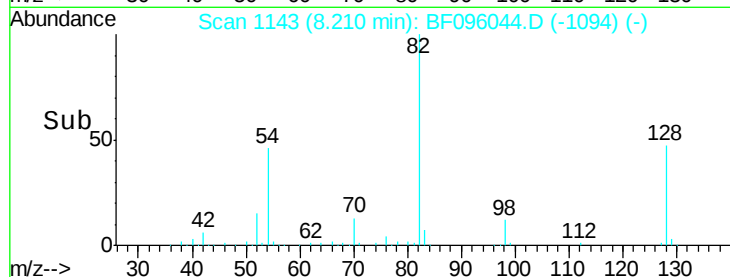
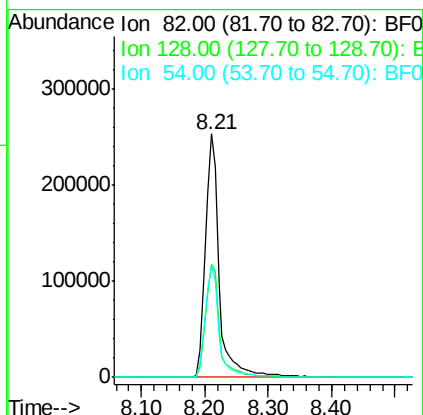
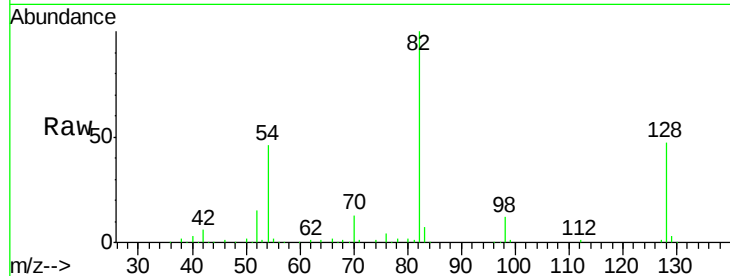




#23
 Nitrobenzene-d5
 Concen: 74.540 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096044.D
 Acq: 20 Jun 2017 14:49

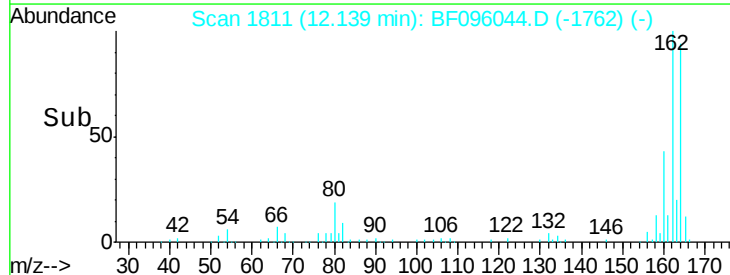
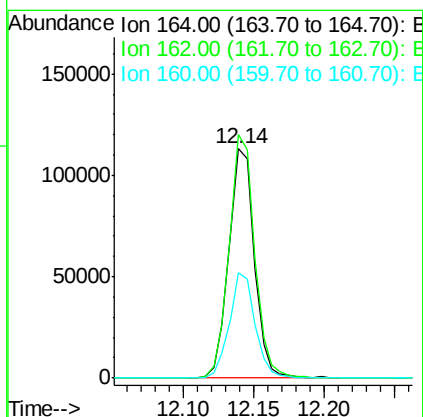
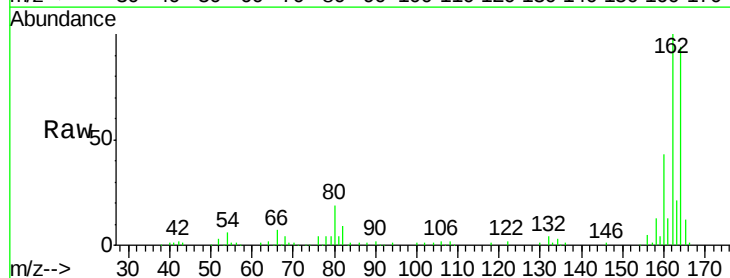
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-A

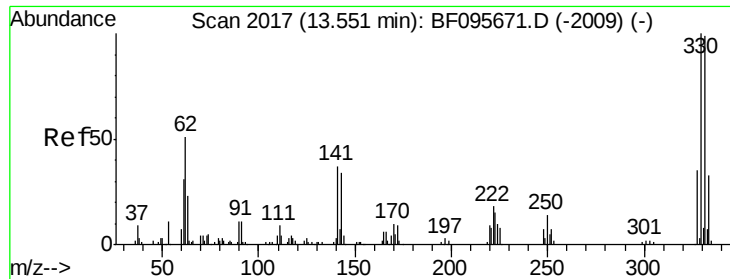
Tgt Ion: 82 Resp: 384480
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 46.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096044.D
 Acq: 20 Jun 2017 14:49

Tgt Ion: 164 Resp: 143003
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.6 123.8
 160 46.1 36.2 54.2

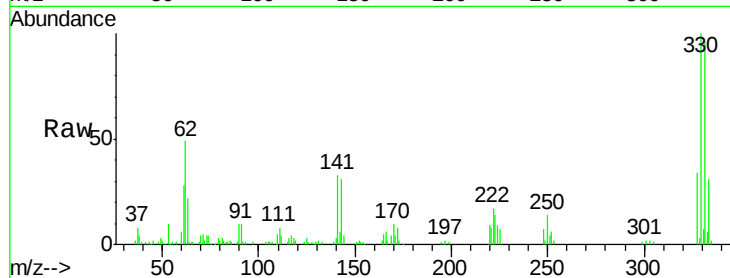




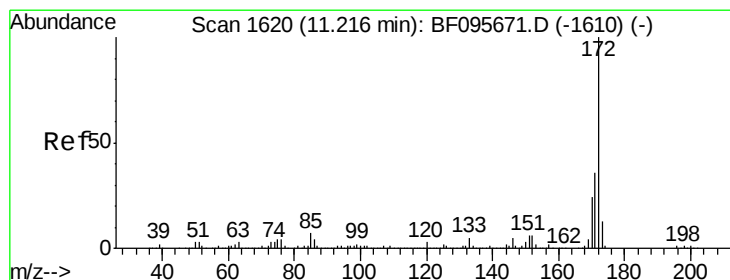
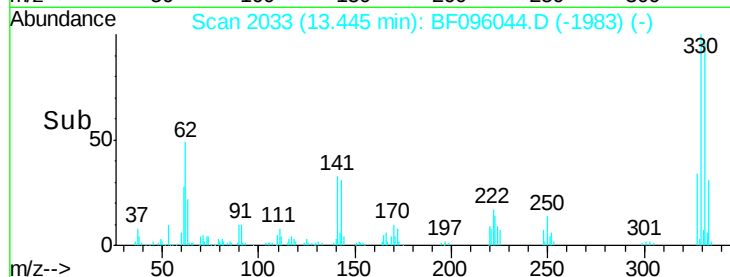
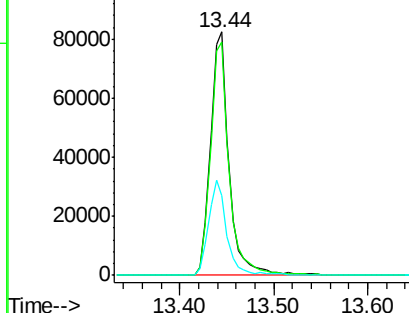
#41
 2,4,6-Tribromophenol
 Concen: 90.762 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096044.D
 Acq: 20 Jun 2017 14:49

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061417-A

Tgt Ion:330 Resp: 114836
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.3 31.4 47.2

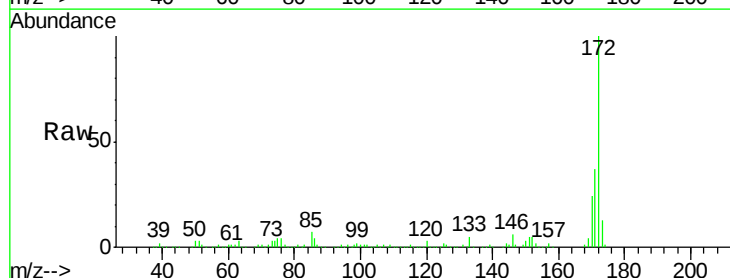


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

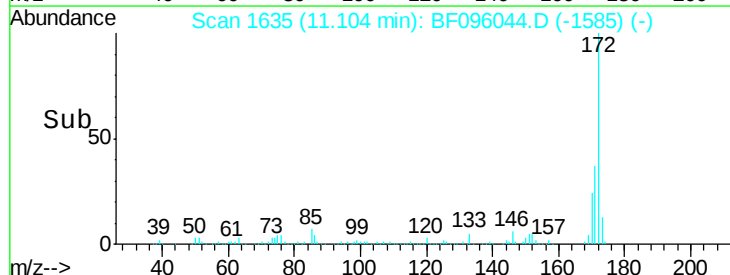
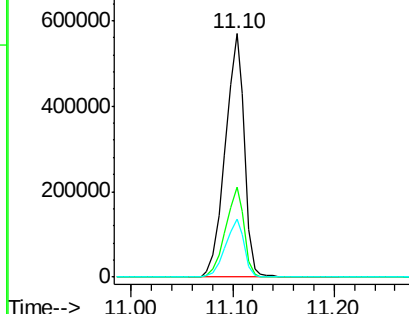


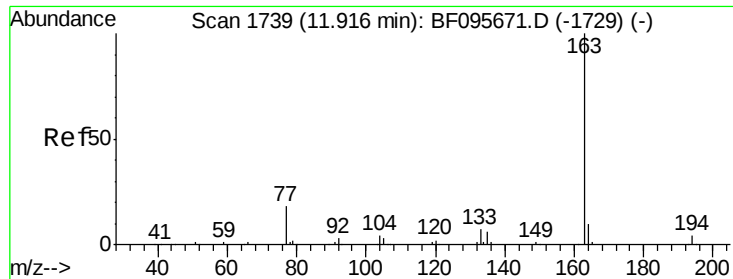
#44
 2-Fluorobiphenyl
 Concen: 71.962 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096044.D
 Acq: 20 Jun 2017 14:49

Tgt Ion:172 Resp: 739510
 Ion Ratio Lower Upper
 172 100
 171 36.9 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: 13.926 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096044.D

Acq: 20 Jun 2017 14:49

Instrument :

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ClientSampleId :

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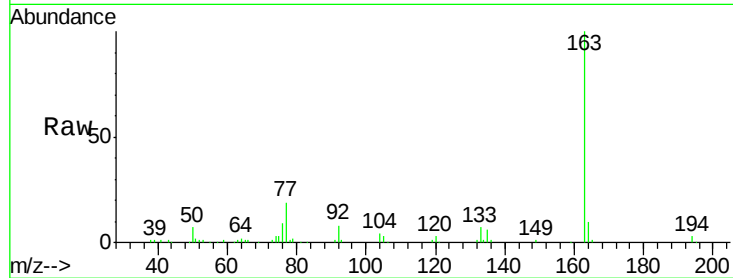
Tgt Ion:163 Resp: 151202

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

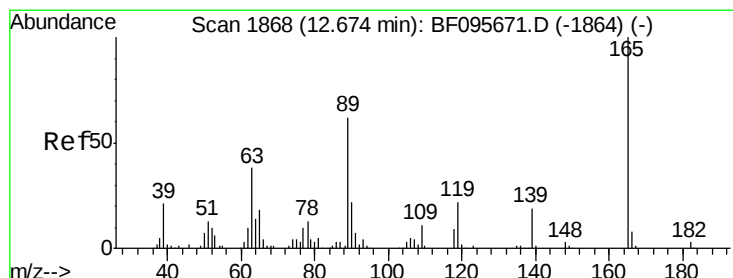
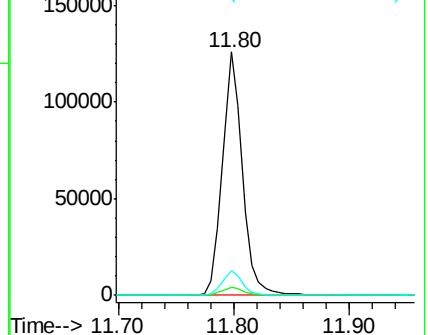
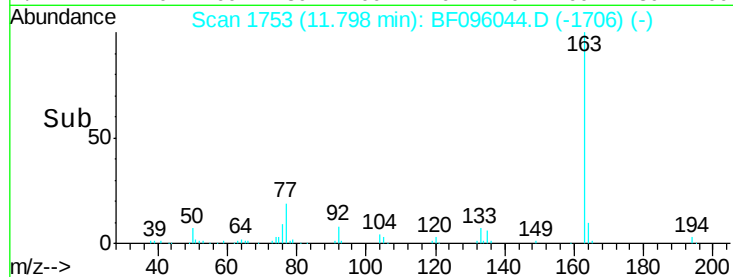
164 10.2 8.4 12.6



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



#55

4-Nitrophenol

Concen: 4.765 ng

RT: 12.50 min Scan# 1873

Delta R.T. -0.13 min

Lab File: BF096044.D

Acq: 20 Jun 2017 14:49

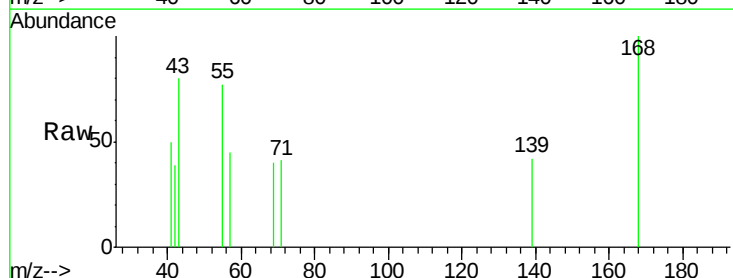
Tgt Ion:139 Resp: 236

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

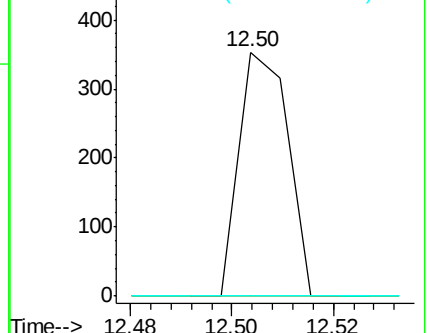
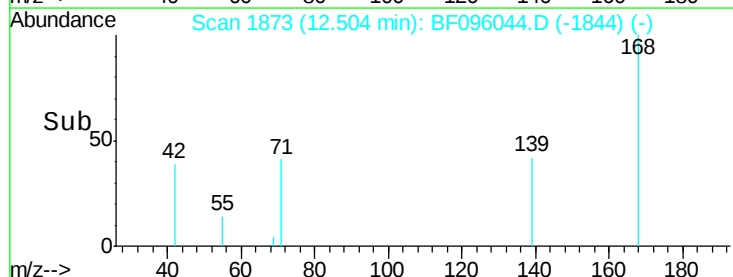
65 0.0 31.4 71.4#

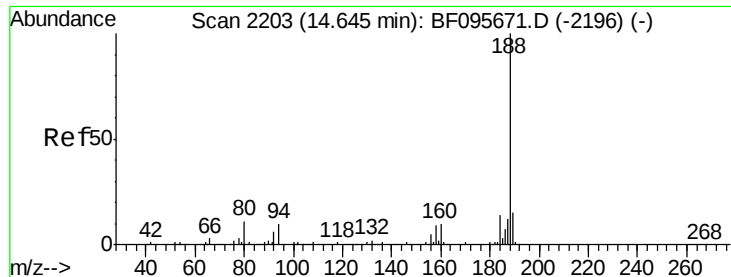


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

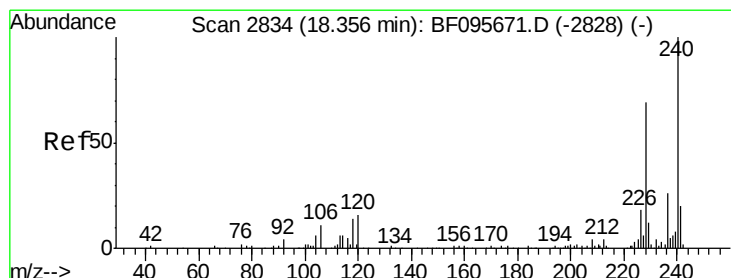
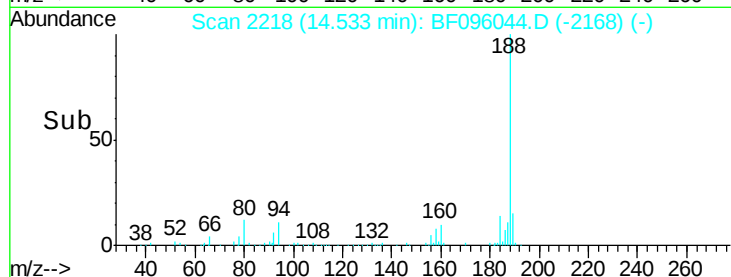
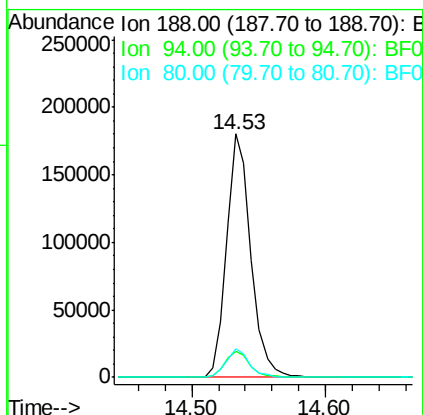
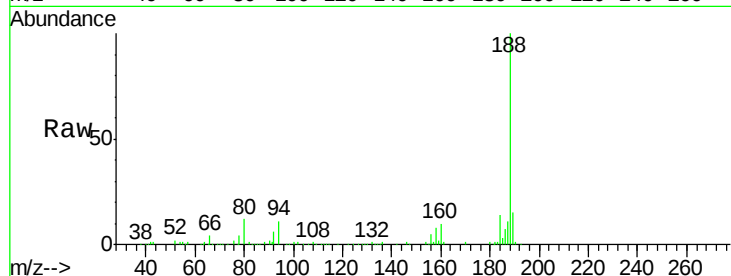




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096044.D
Acq: 20 Jun 2017 14:49

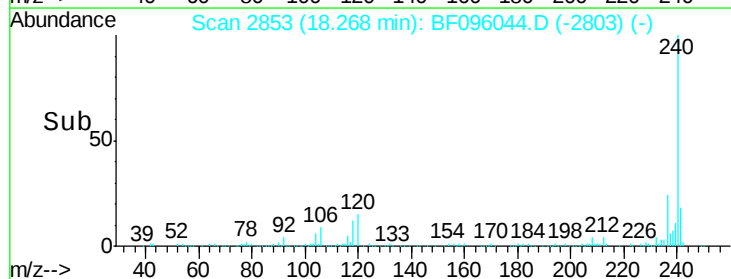
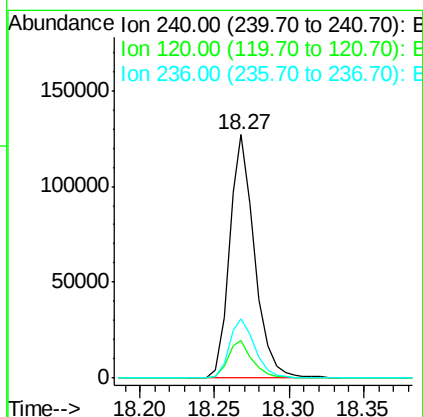
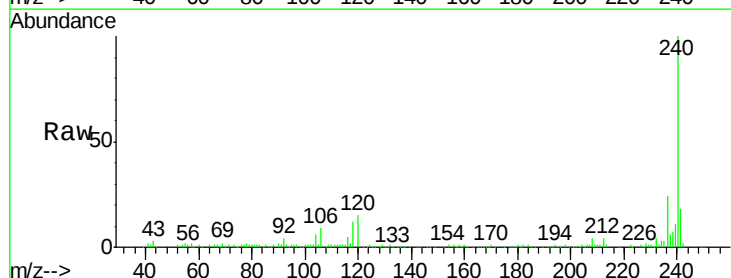
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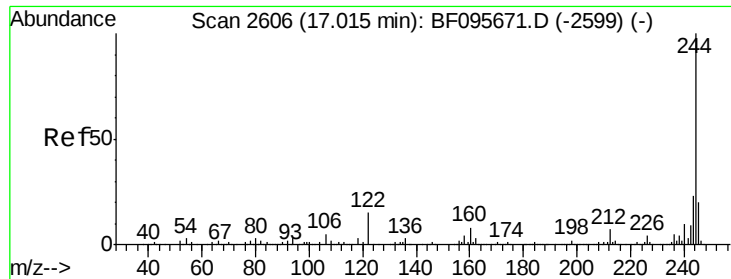
Tgt Ion:188 Resp: 230025
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096044.D
Acq: 20 Jun 2017 14:49

Tgt Ion:240 Resp: 148765
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 24.5 20.5 30.7





#78

Terphenyl-d14

Concen: 78.545 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096044.D

Acq: 20 Jun 2017 14:49

Instrument :

BNA_F

ClientSampleId :

NB-08-061417-A

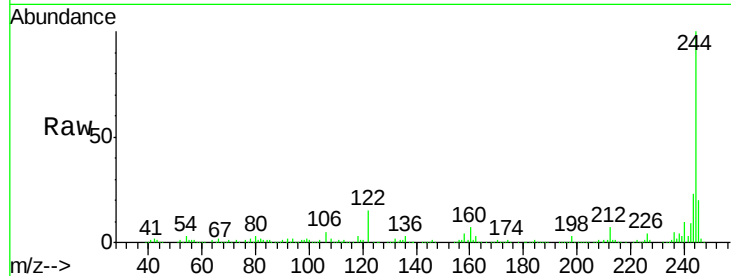
Tgt Ion:244 Resp: 470827

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

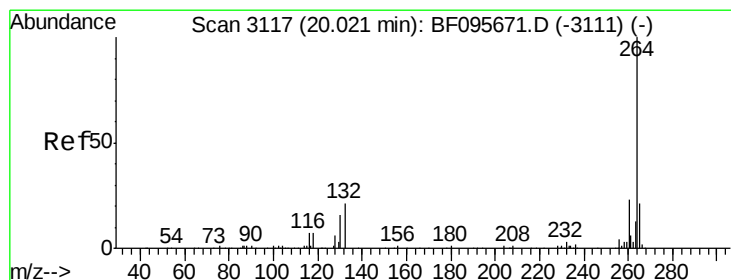
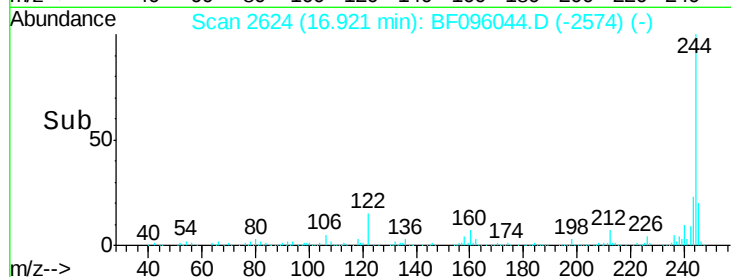
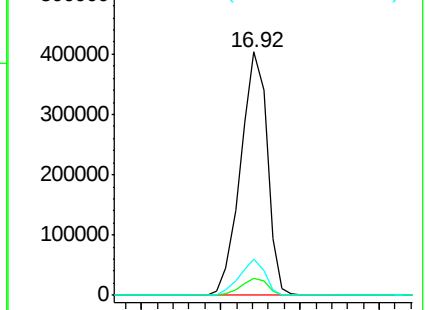
122 14.7 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 19.94 min Scan# 3137

Delta R.T. 0.00 min

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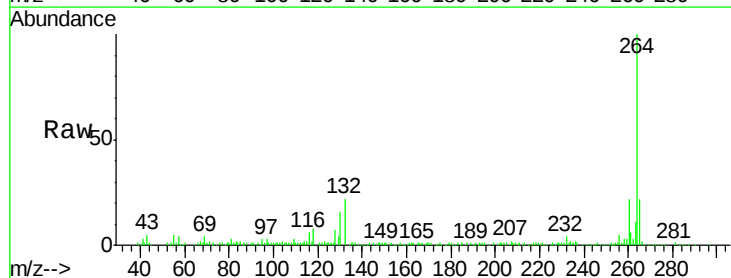
Tgt Ion:264 Resp: 139840

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 21.8 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

