

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096803.D
 Acq On : 15 Jul 2017 5:58
 Operator : SJ/JU
 Sample : I4159-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-DIESEL-SIDEWALL

Quant Time: Jul 15 06:47:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

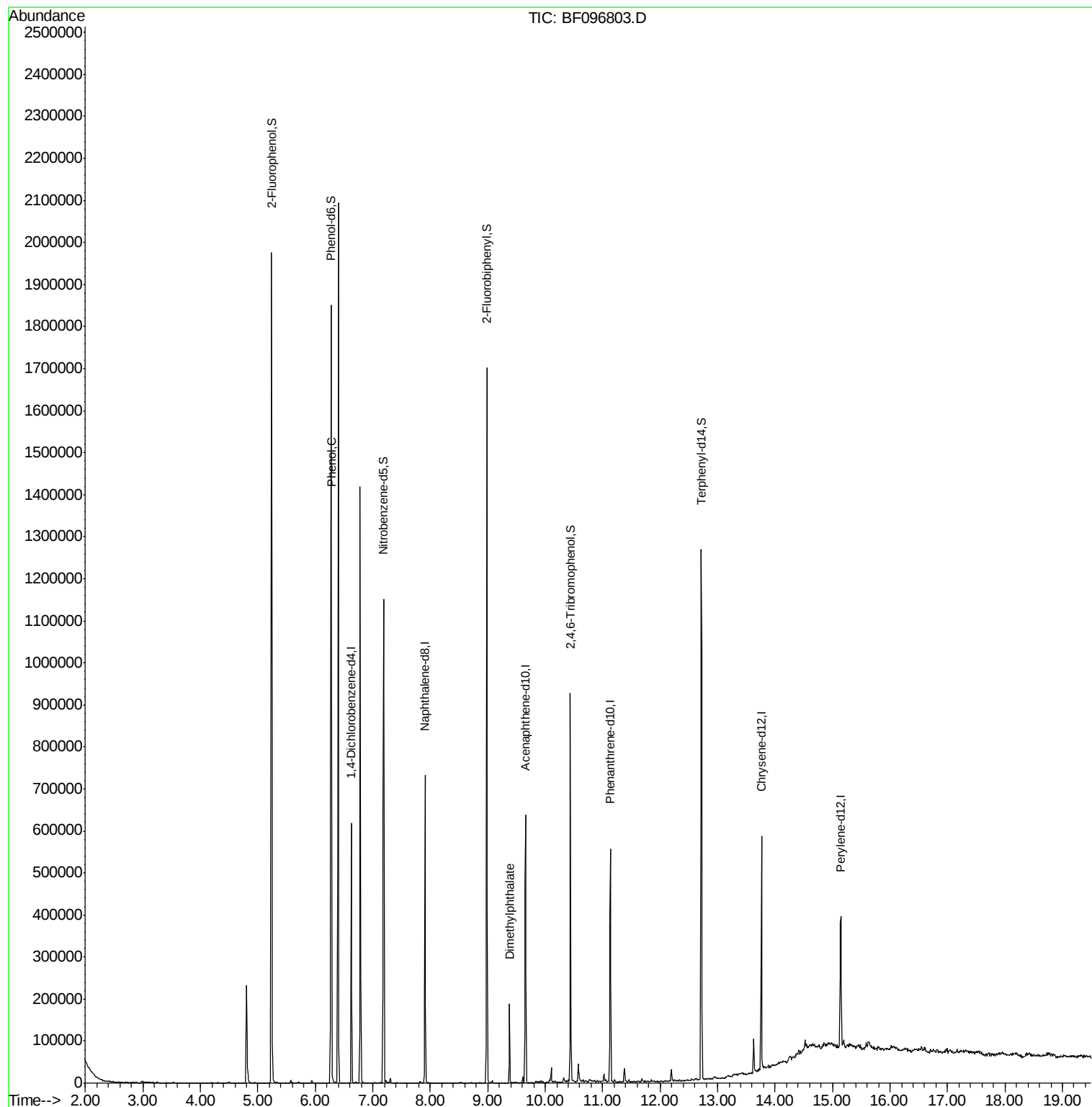
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	88154	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	329557	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	117289	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	185063	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	187655	20.00	ng	-0.01
86) Perylene-d12	15.14	264	129455	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	541328	92.33	ng	0.00
7) Phenol-d6	6.27	99	636679	90.49	ng	0.00
23) Nitrobenzene-d5	7.19	82	347343	65.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	94795	94.69	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	507304	68.34	ng	-0.01
78) Terphenyl-d14	12.72	244	372520	34.43	ng	-0.02
Target Compounds						
10) Phenol	6.29	94	20199	2.540	ng	97
49) Dimethylphthalate	9.38	163	76820	8.698	ng	99

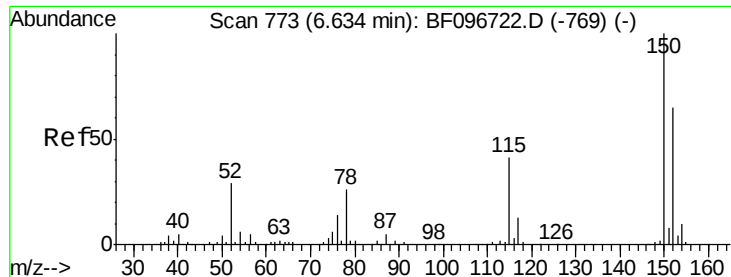
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096803.D
Acq On : 15 Jul 2017 5:58
Operator : SJ/JU
Sample : I4159-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-DIESEL-SIDEWALL

Quant Time: Jul 15 06:47:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration



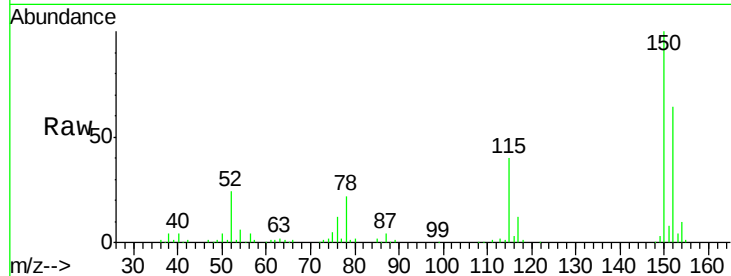


#1

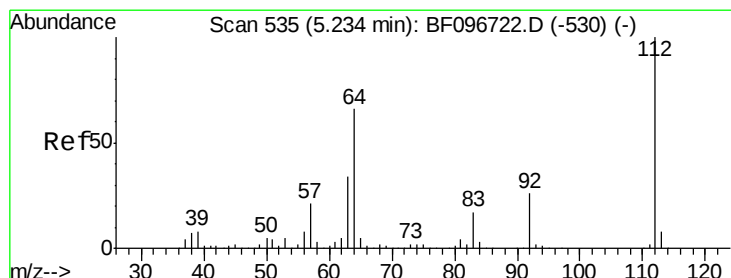
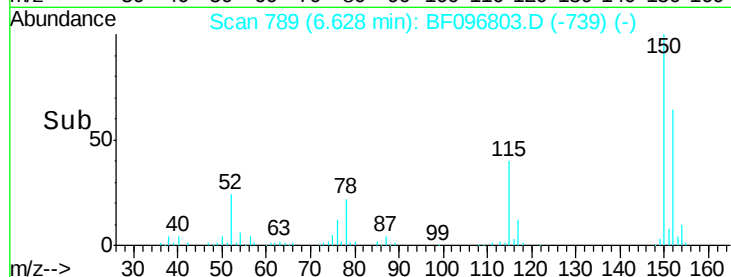
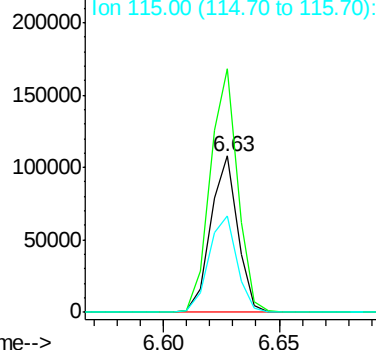
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Instrument :
BNA_F
ClientSampleId :
EAST-DIESEL-SIDEWALL

Tgt Ion:152 Resp: 88154
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.9 52.2 78.2



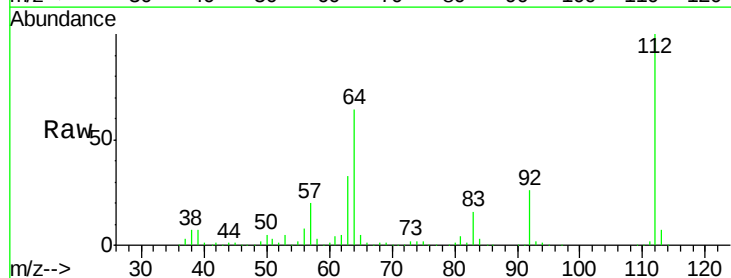
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



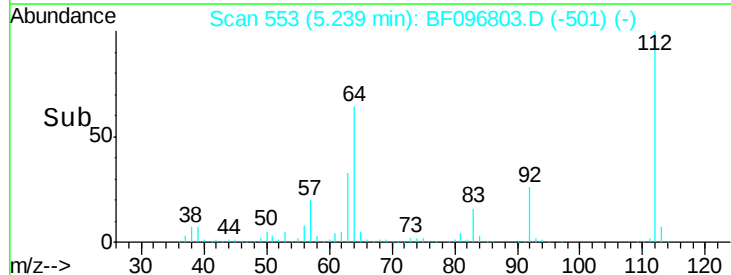
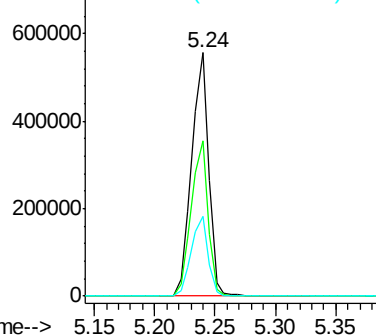
#5

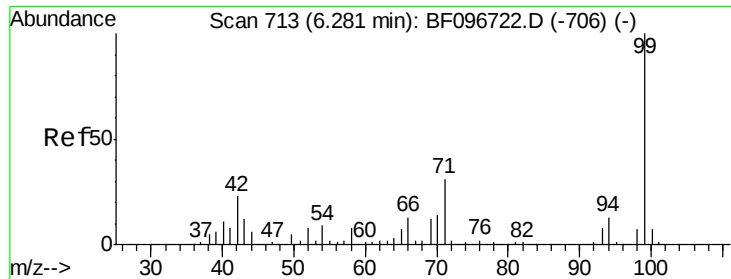
2-Fluorophenol
Concen: 92.331 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096803.D
Acq: 15 Jul 2017 5:58

Tgt Ion:112 Resp: 541328
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.6 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: 90.493 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

Instrument :

BNA_F

ClientSampleId :

EAST-DIESEL-SIDEWALL

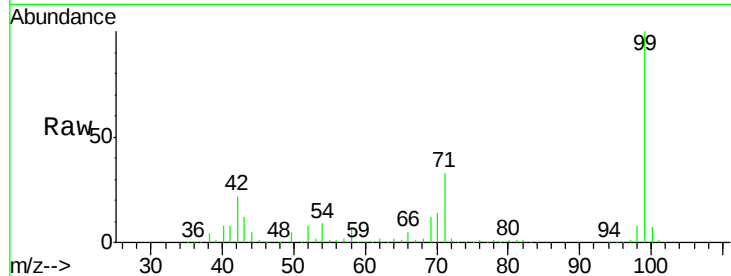
Tgt Ion: 99 Resp: 636679

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

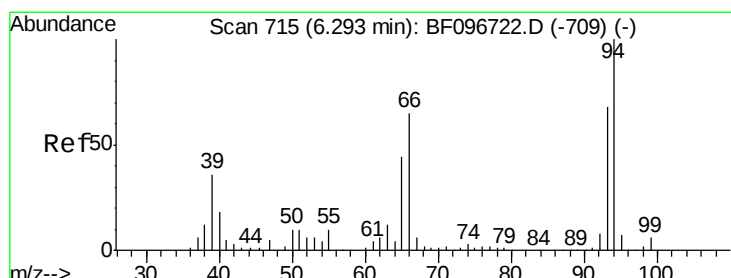
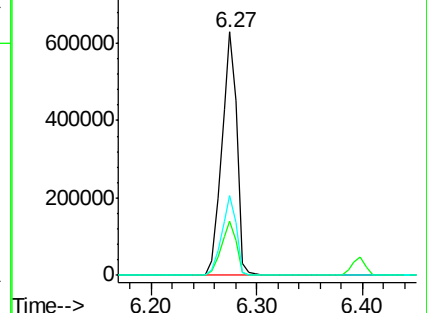
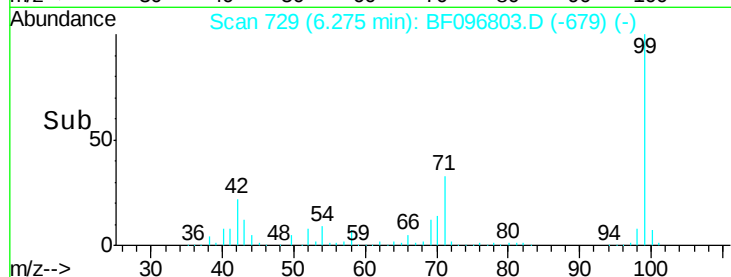
71 32.8 24.5 36.7



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: 2.540 ng

RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

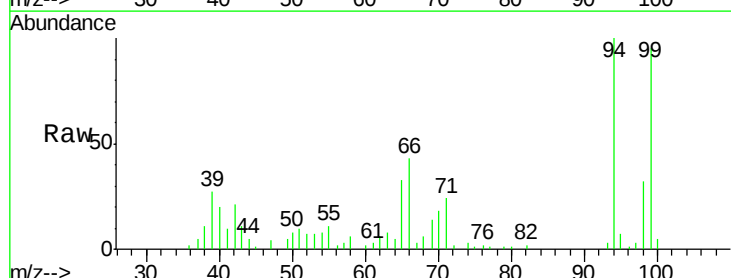
Tgt Ion: 94 Resp: 20199

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

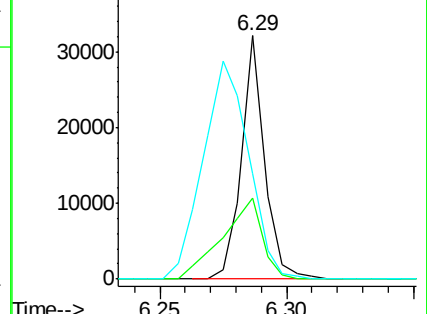
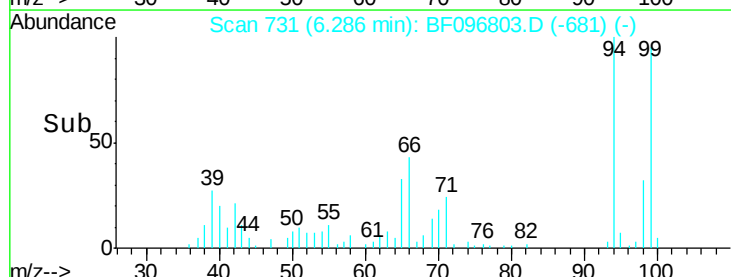
66 43.4 23.1 63.1

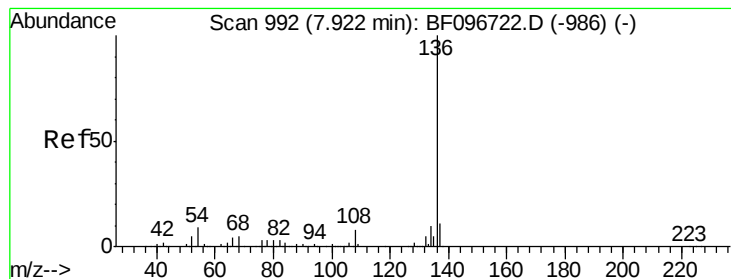


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

Instrument :

BNA_F

ClientSampleId :

EAST-DIESEL-SIDEWALL

Tgt Ion: 136 Resp: 329557

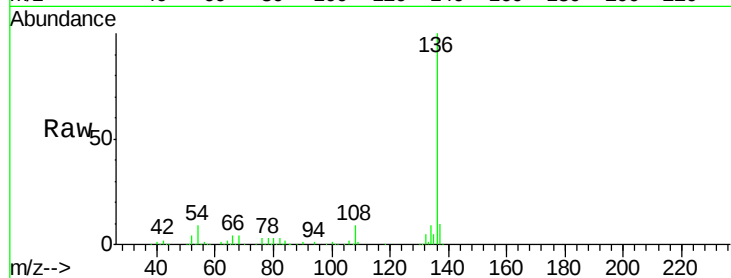
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.6 4.9 7.3#

68 4.3 4.1 6.1

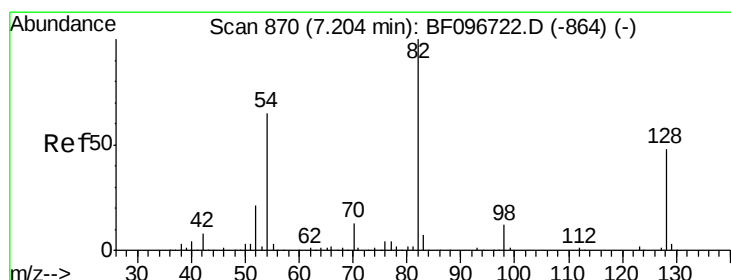
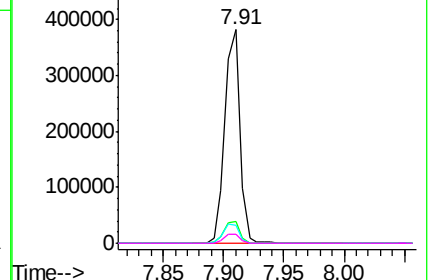
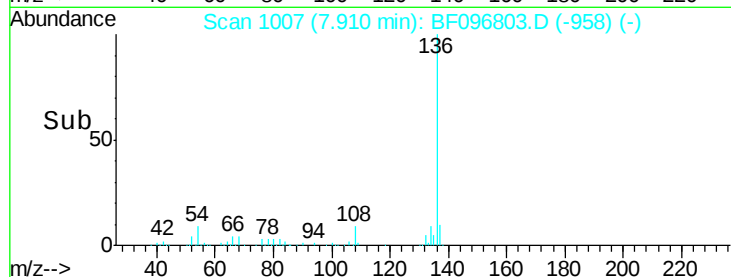


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.284 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

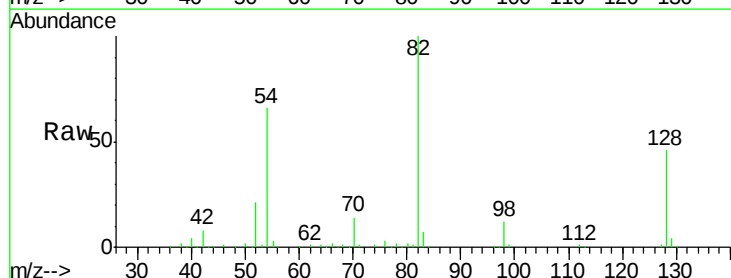
Tgt Ion: 82 Resp: 347343

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

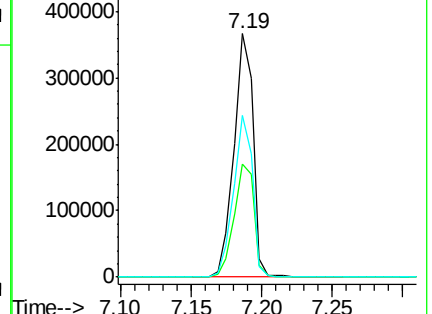
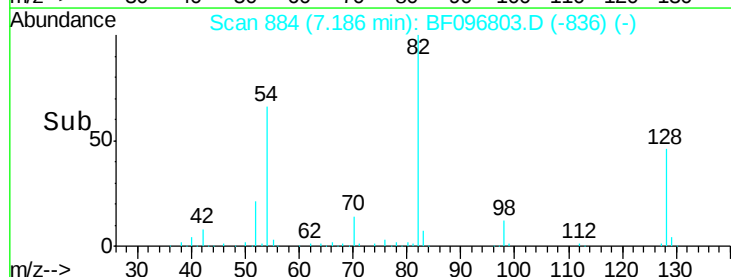
54 66.4 42.2 63.2#

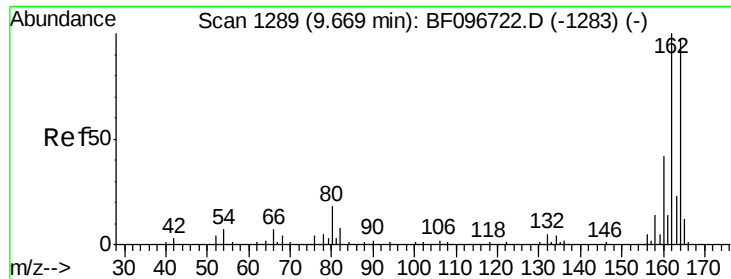


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

Instrument :

BNA_F

ClientSampleId :

EAST-DIESEL-SIDEWALL

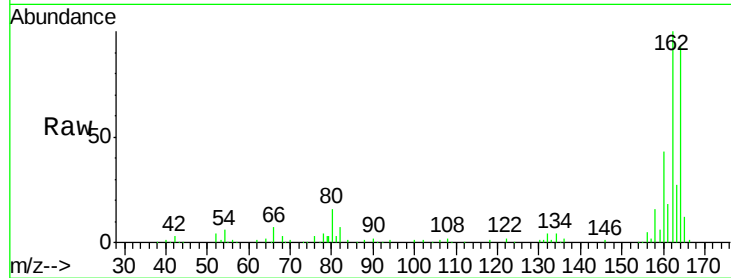
Tgt Ion:164 Resp: 117289

Ion Ratio Lower Upper

164 100

162 107.3 82.6 123.8

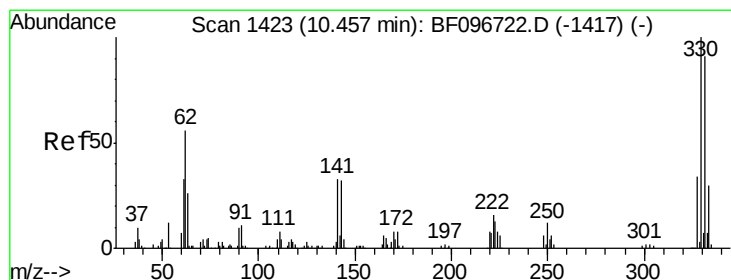
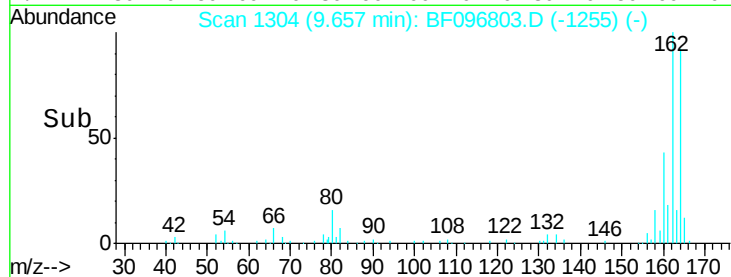
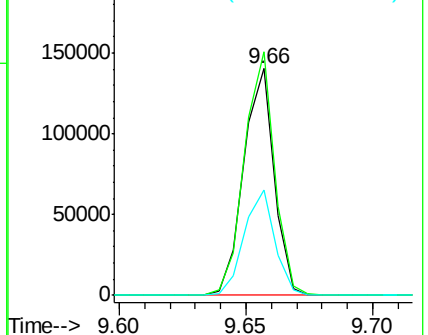
160 46.4 36.2 54.2



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: 94.685 ng

RT: 10.44 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

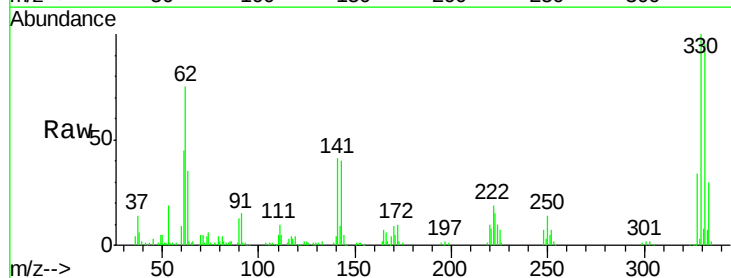
Tgt Ion:330 Resp: 94795

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

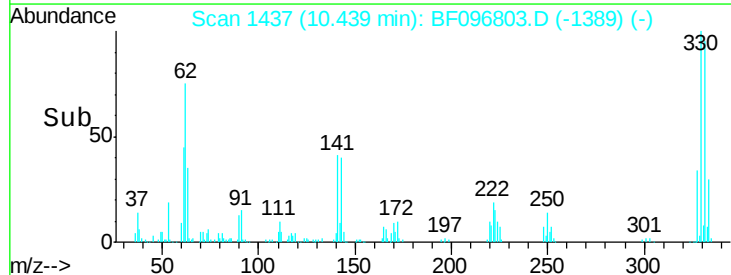
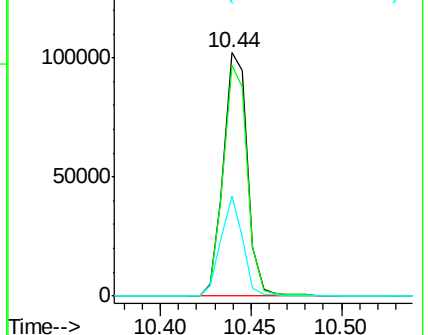
141 37.0 31.4 47.2

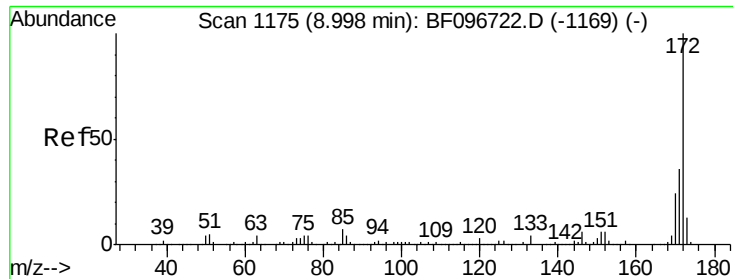


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

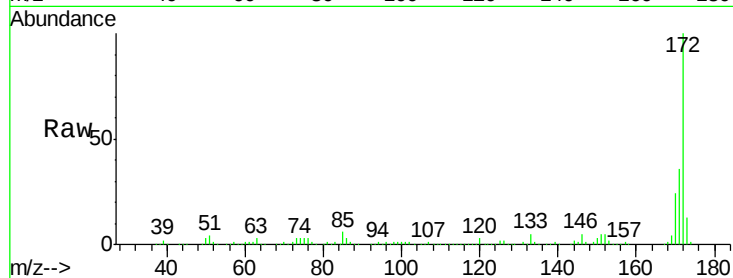




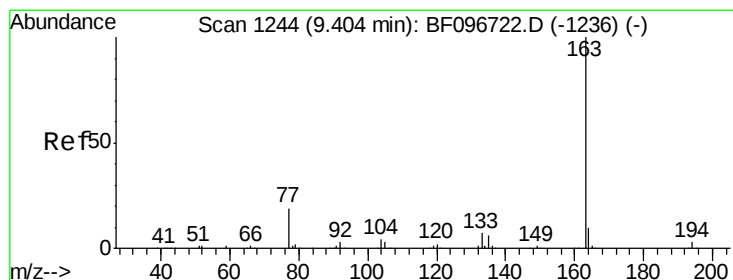
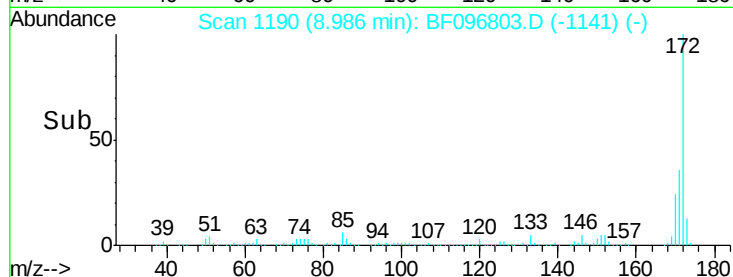
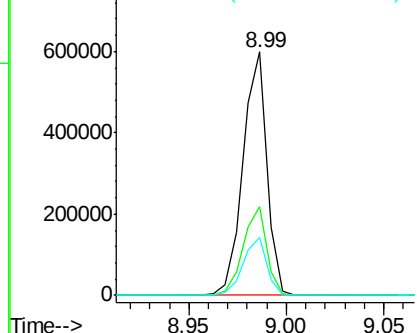
#44
 2-Fluorobiphenyl
 Concen: 68.336 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Instrument :
 BNA_F
 ClientSampleId :
 EAST-DIESEL-SIDEWALL

Tgt Ion:172 Resp: 507304
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 19.8 29.8

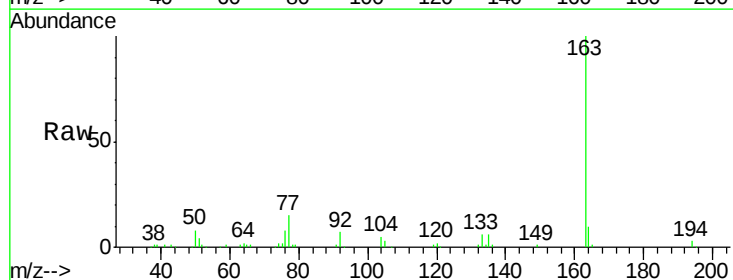


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

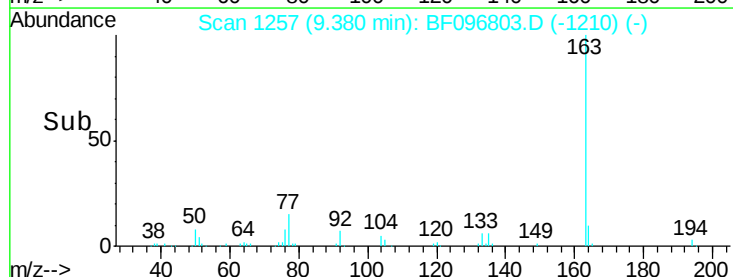
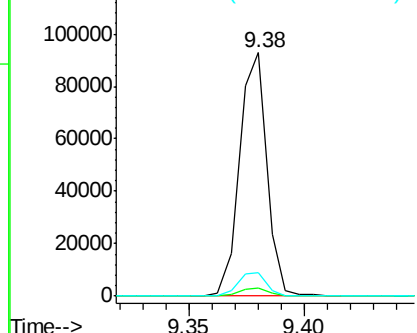


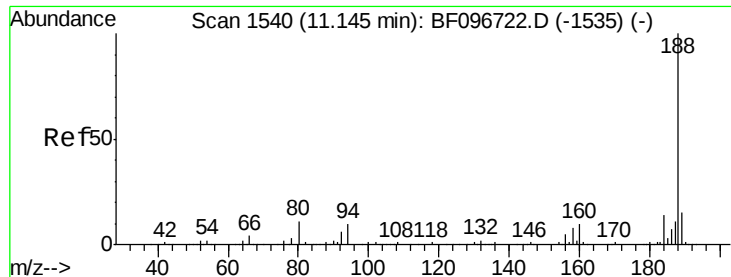
#49
 Dimethylphthalate
 Concen: 8.698 ng
 RT: 9.38 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Tgt Ion:163 Resp: 76820
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.8 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

Instrument :

BNA_F

ClientSampleId :

EAST-DIESEL-SIDEWALL

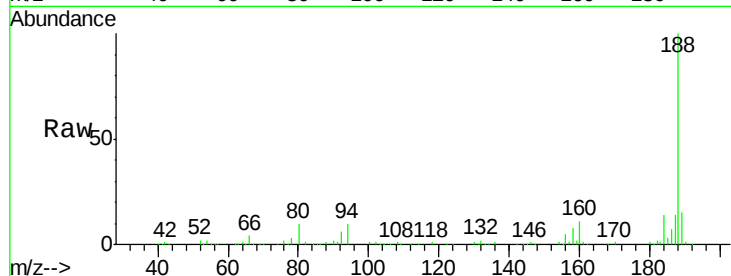
Tgt Ion:188 Resp: 185063

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

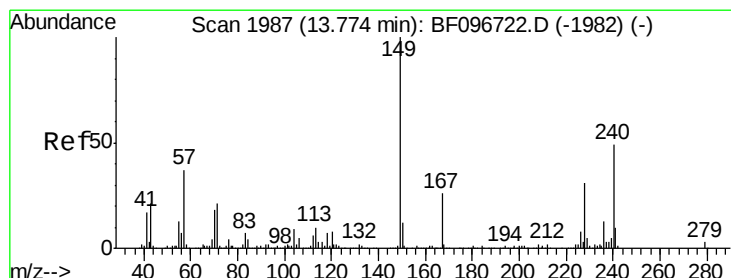
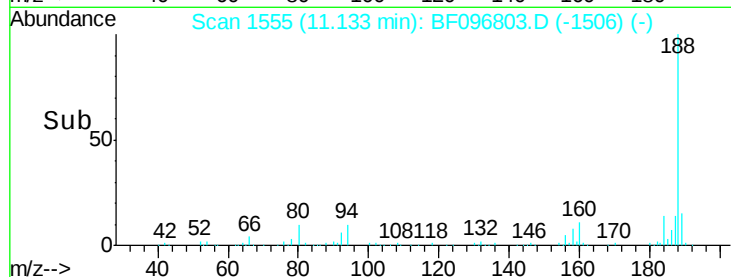
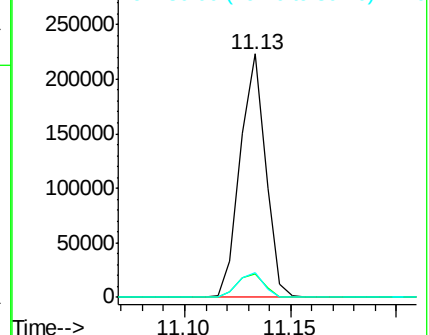
80 10.2 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096803.D

Acq: 15 Jul 2017 5:58

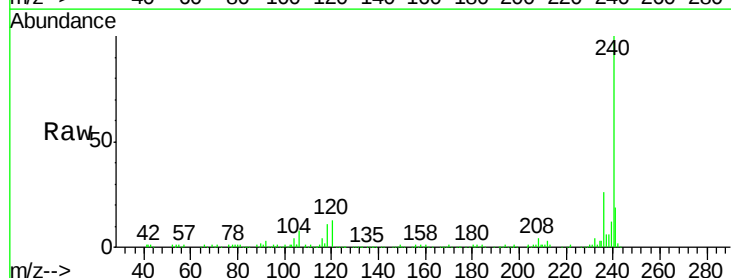
Tgt Ion:240 Resp: 187655

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

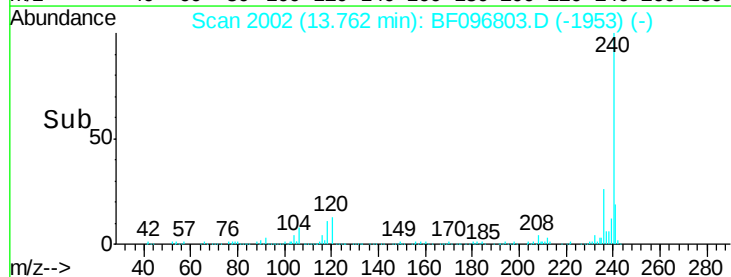
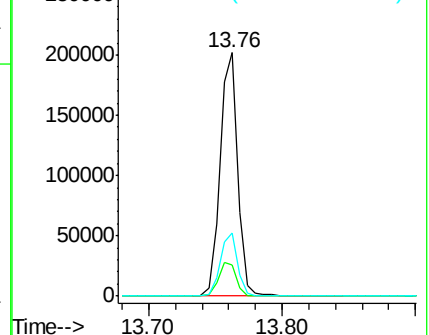
236 25.9 20.5 30.7

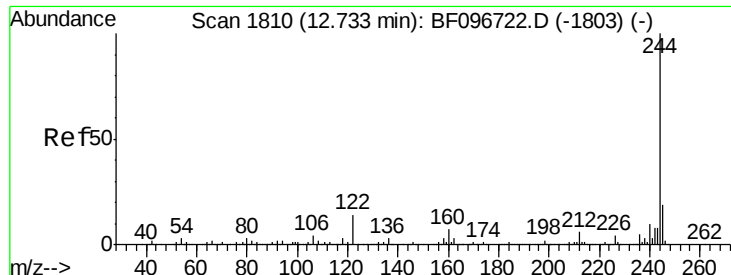


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

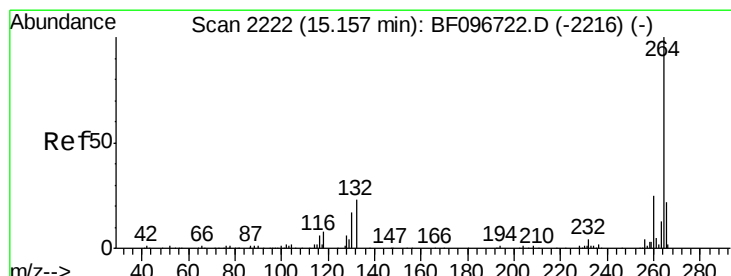
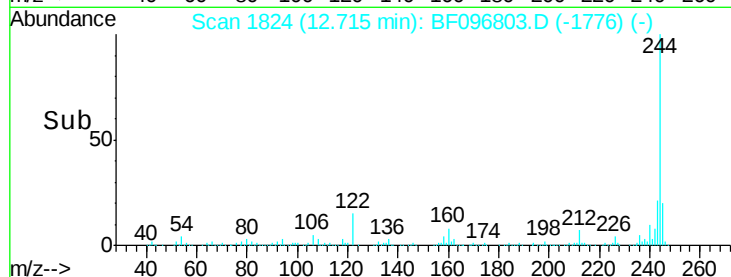
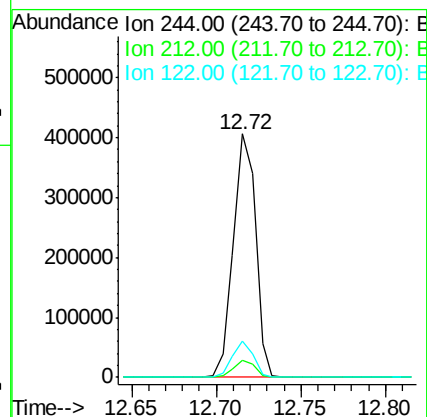
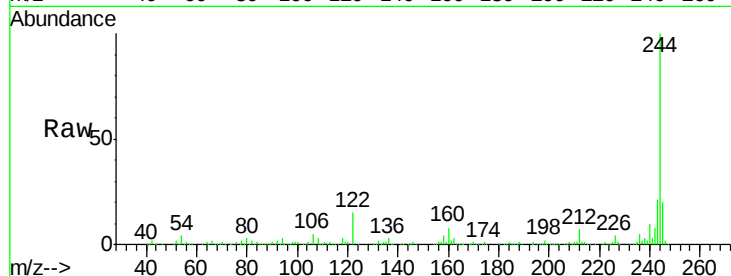




#78
 Terphenyl-d14
 Concen: 34.427 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Instrument :
 BNA_F
 ClientSampleId :
 EAST-DIESEL-SIDEWALL

Tgt Ion: 244 Resp: 372520
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF096803.D
 Acq: 15 Jul 2017 5:58

Tgt Ion: 264 Resp: 129455
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 19.5 17.2 25.8

