

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096802.D
 Acq On : 15 Jul 2017 5:30
 Operator : SJ/JU
 Sample : I4159-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-DIESEL-SIDEWALL

Quant Time: Jul 15 05:56:35 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

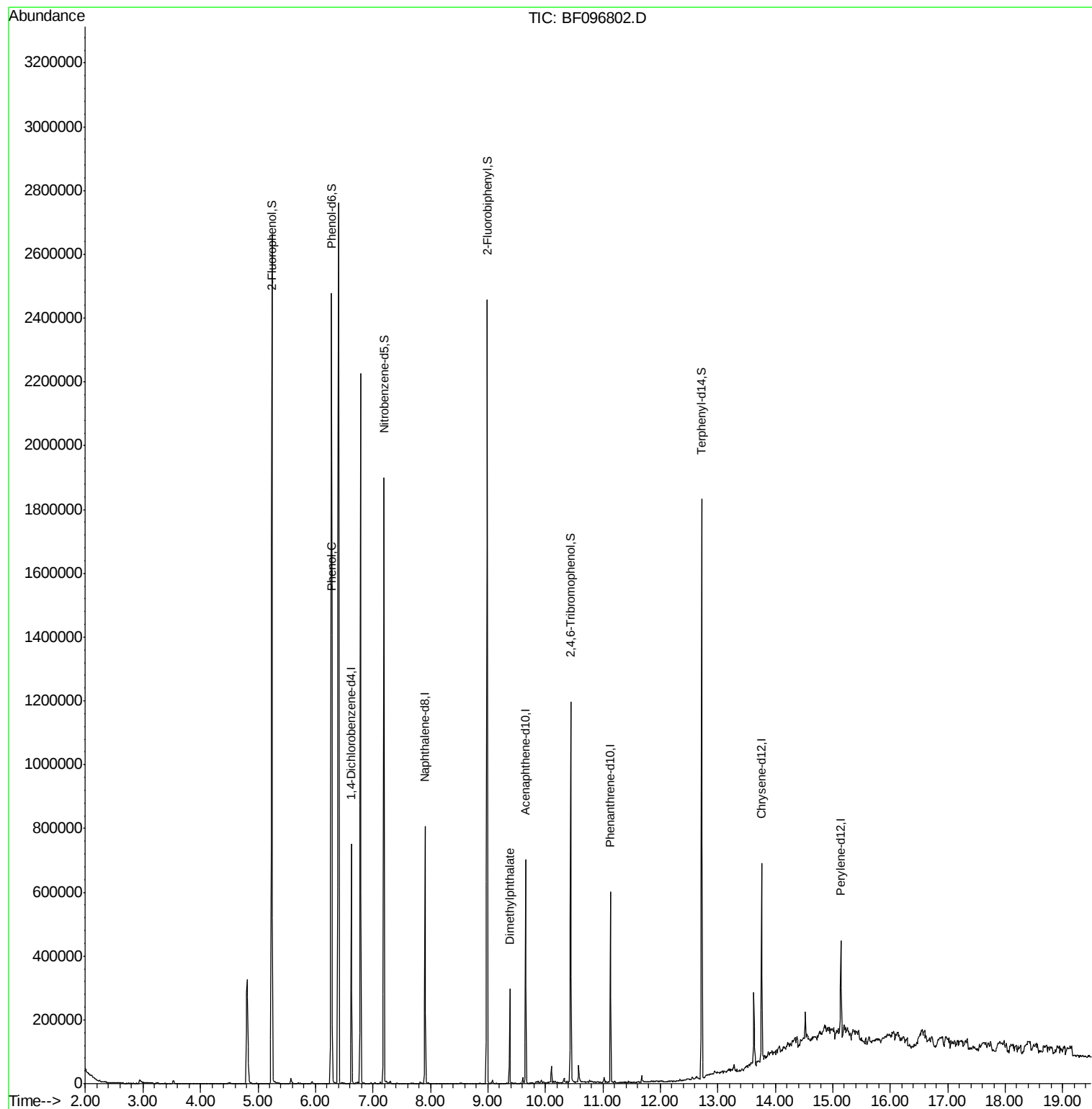
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	103494	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	381348	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	126994	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	194493	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	199309	20.00	ng	-0.01
86) Perylene-d12	15.14	264	135405	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	826594	120.09	ng	0.01
7) Phenol-d6	6.28	99	951101	115.15	ng	0.00
23) Nitrobenzene-d5	7.19	82	571251	92.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	136432	125.86	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	746368	92.85	ng	-0.01
78) Terphenyl-d14	12.72	244	546706	47.57	ng	-0.01
Target Compounds						
10) Phenol	6.29	94	29726	3.183	ng	90
49) Dimethylphthalate	9.38	163	112103	11.724	ng	98

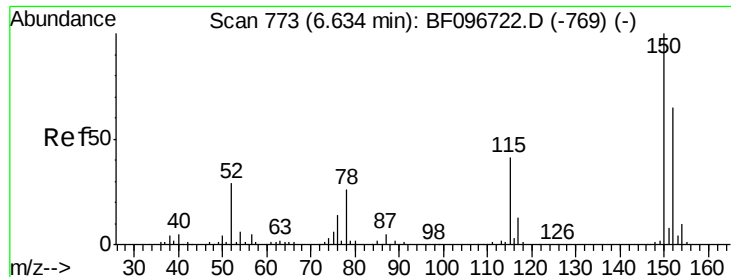
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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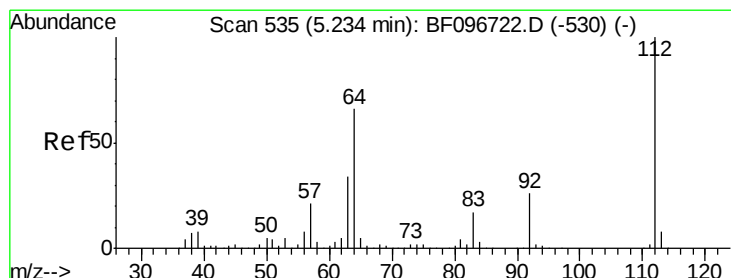
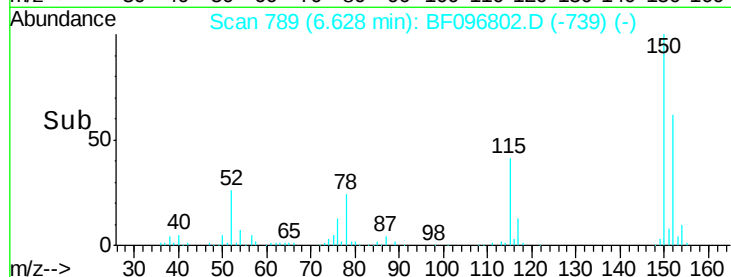
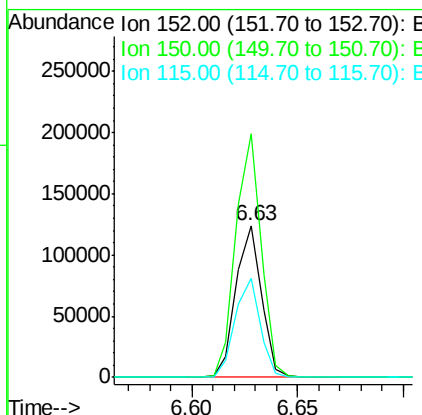
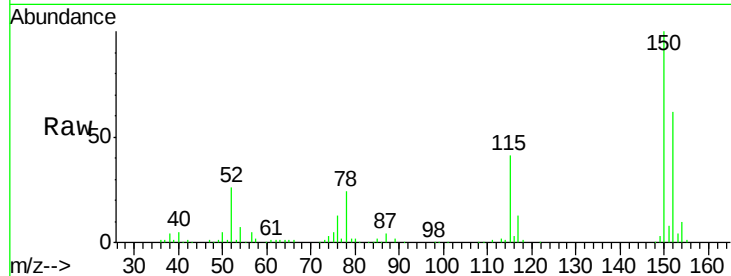


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Instrument :
BNA_F
ClientSampleId :
NORTH-DIESEL-SIDEWALL

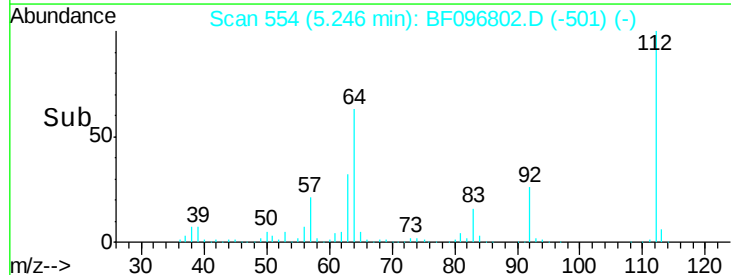
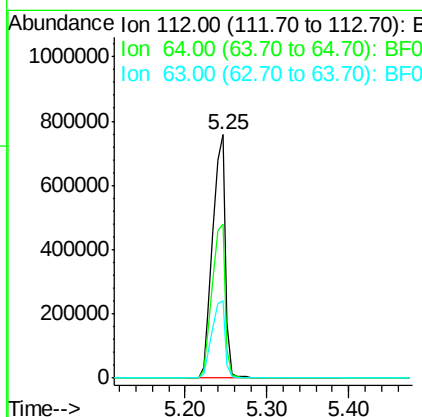
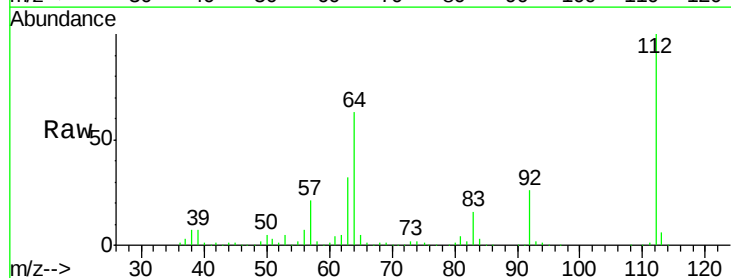
Tgt Ion:152 Resp: 103494
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 65.2 52.2 78.2

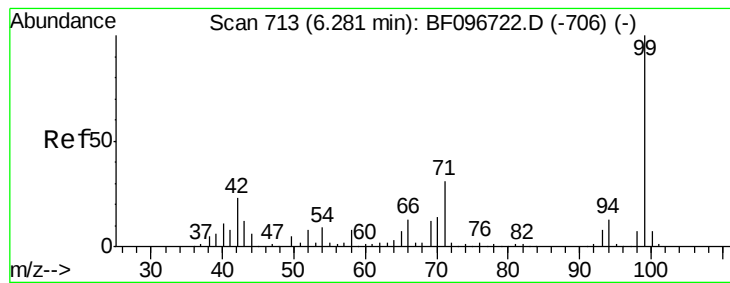


#5

2-Fluorophenol
Concen: 120.089 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096802.D
Acq: 15 Jul 2017 5:30

Tgt Ion:112 Resp: 826594
Ion Ratio Lower Upper
112 100
64 63.3 46.0 69.0
63 31.9 23.4 35.0





#7

Phenol-d6

Concen: 115.146 ng

RT: 6.28 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

Instrument :

BNA_F

ClientSampleId :

NORTH-DIESEL-SIDEWALL

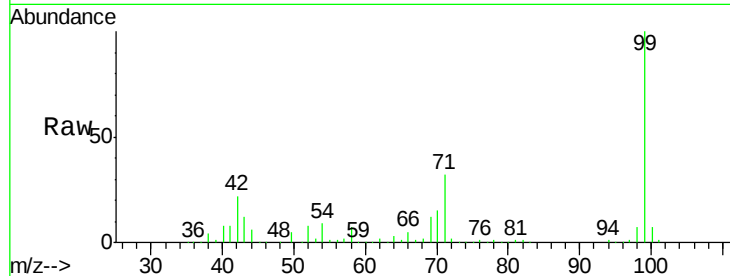
Tgt Ion: 99 Resp: 951101

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

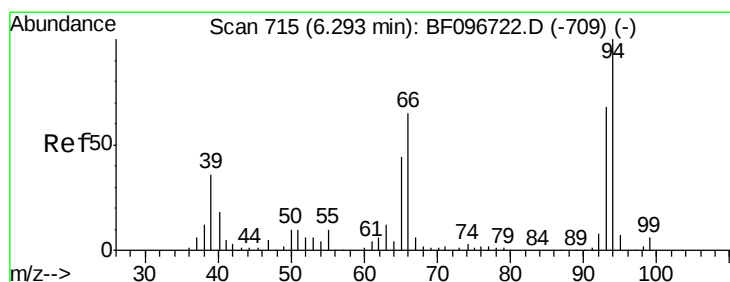
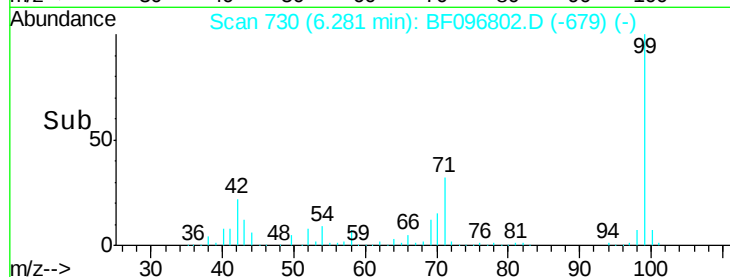
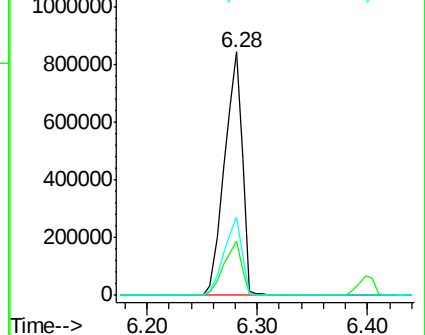
71 32.1 24.5 36.7



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



#10

Phenol

Concen: 3.183 ng

RT: 6.29 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

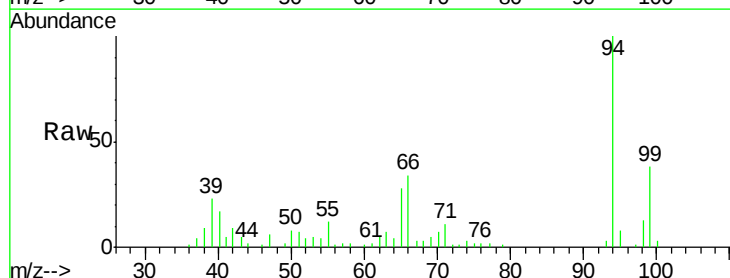
Tgt Ion: 94 Resp: 29726

Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

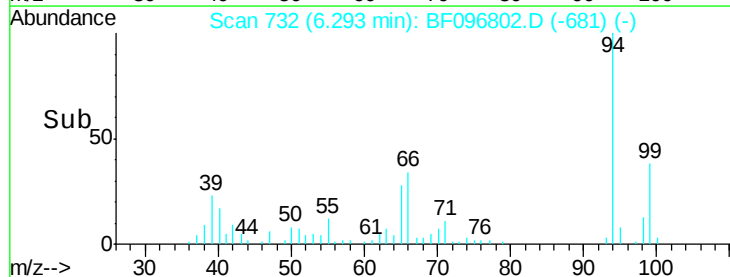
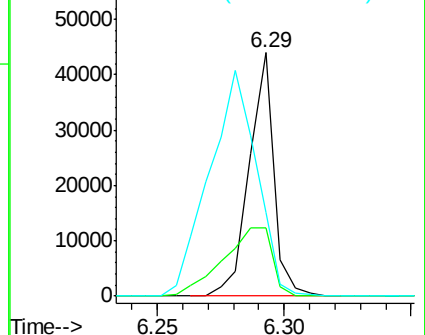
66 34.4 23.1 63.1

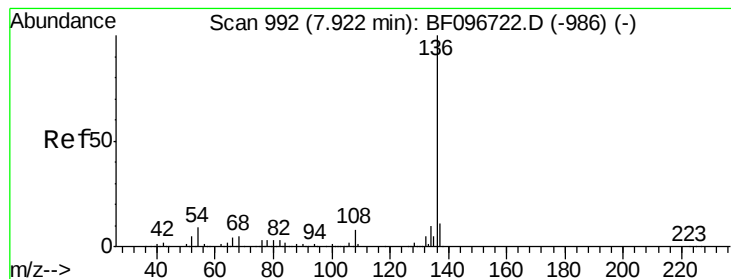


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: BF096802.D

Acq: 15 Jul 2017 5:30

Instrument :

BNA_F

ClientSampleId :

NORTH-DIESEL-SIDEWALL

Tgt Ion: 136 Resp: 381348

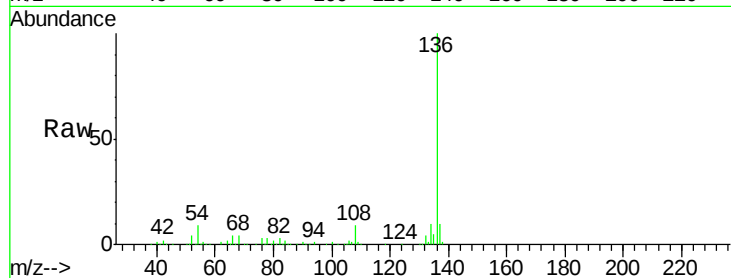
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.0 4.9 7.3#

68 4.2 4.1 6.1

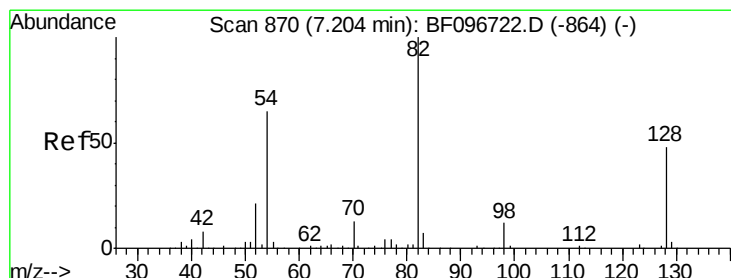
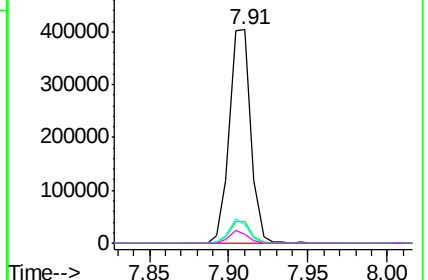
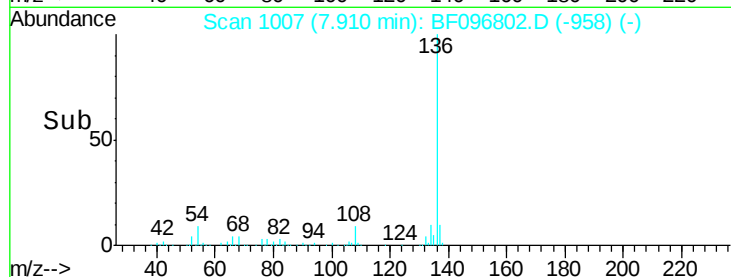


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.786 ng

RT: 7.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

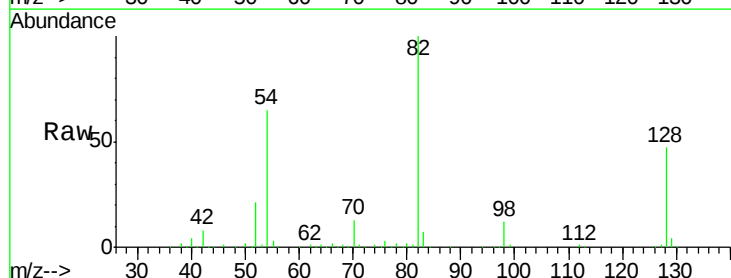
Tgt Ion: 82 Resp: 571251

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

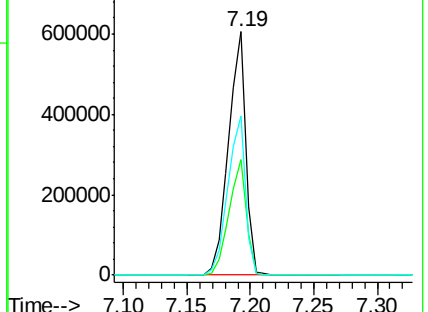
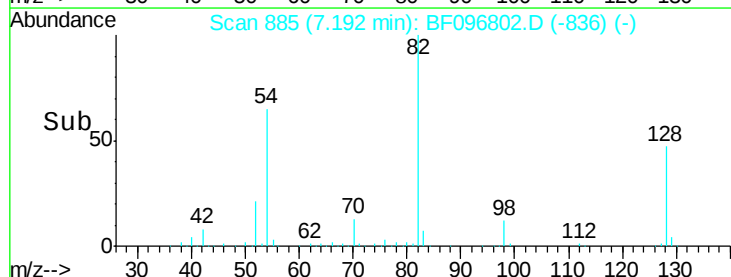
54 65.4 42.2 63.2#

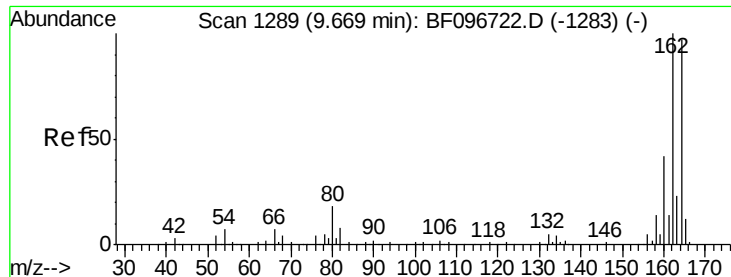


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF096802.D

Acq: 15 Jul 2017 5:30

Instrument :

BNA_F

ClientSampleId :

NORTH-DIESEL-SIDEWALL

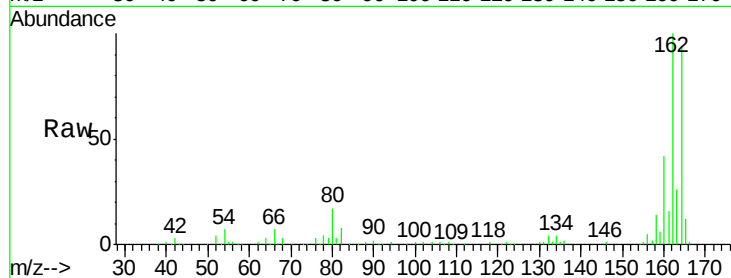
Tgt Ion:164 Resp: 126994

Ion Ratio Lower Upper

164 100

162 106.8 82.6 123.8

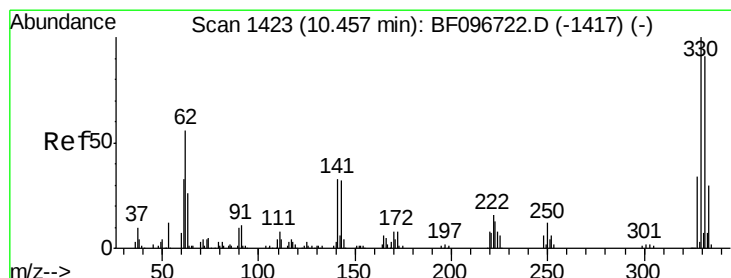
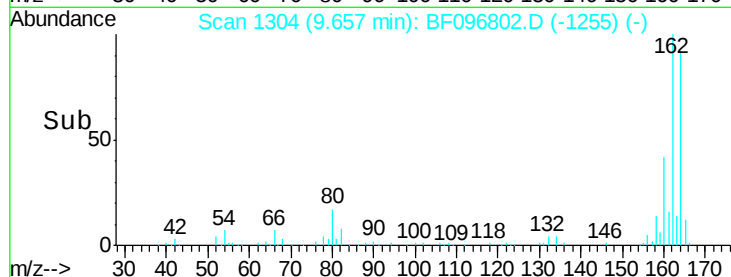
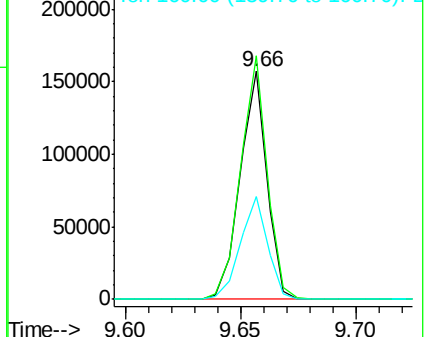
160 45.1 36.2 54.2



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: 125.860 ng

RT: 10.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

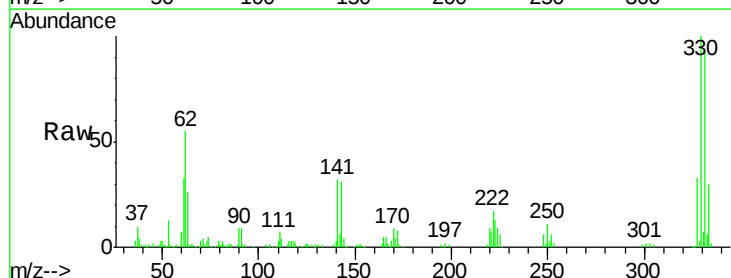
Tgt Ion:330 Resp: 136432

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

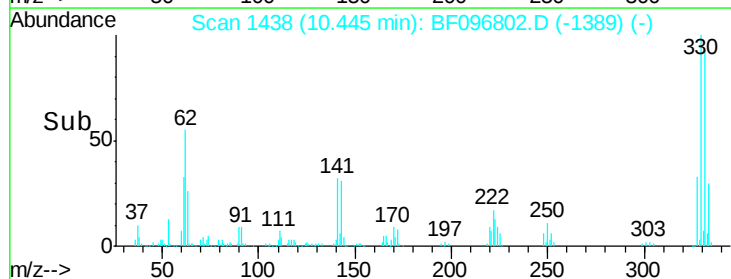
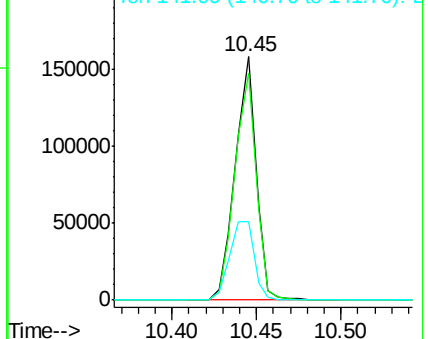
141 38.0 31.4 47.2

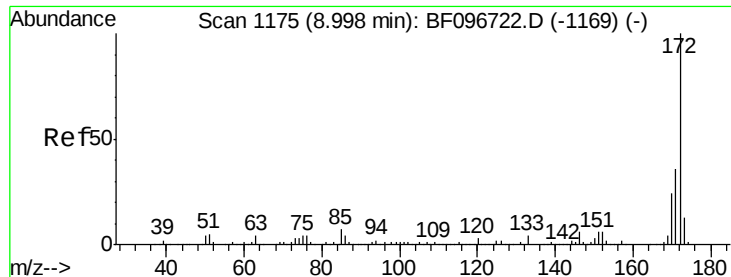


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

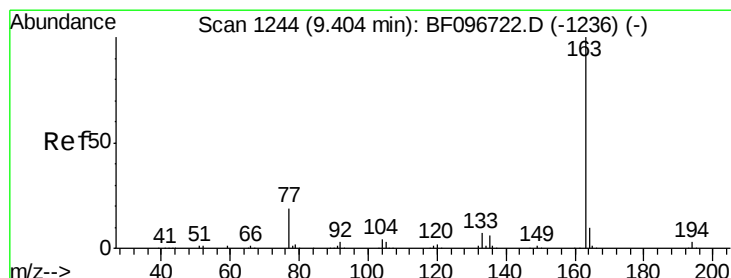
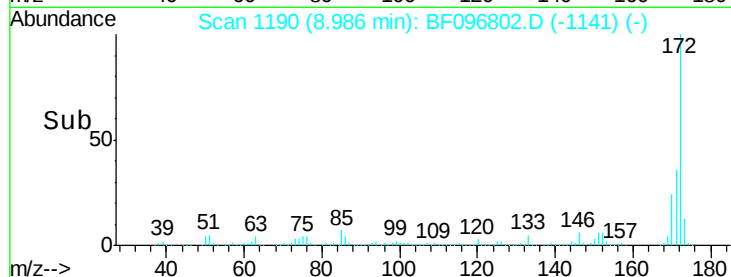
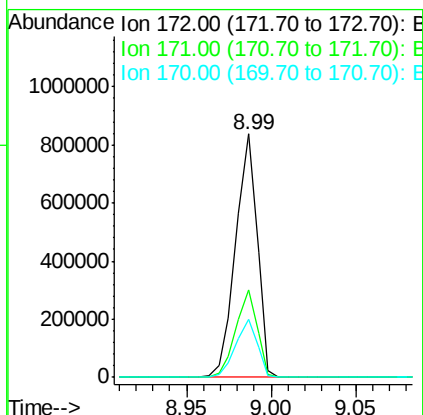
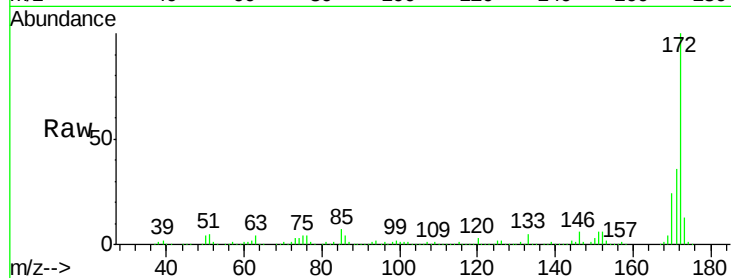




#44
 2-Fluorobiphenyl
 Concen: 92.855 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

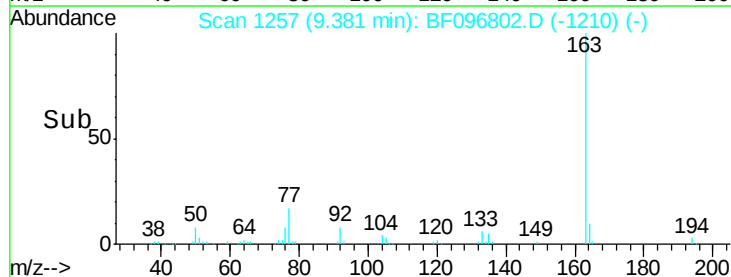
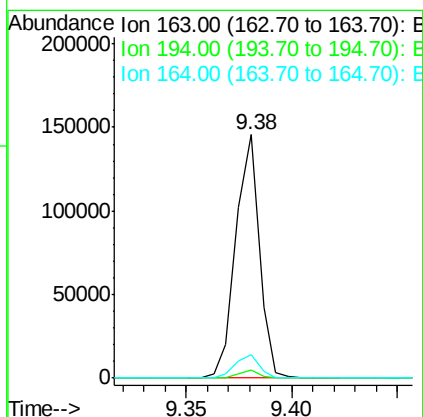
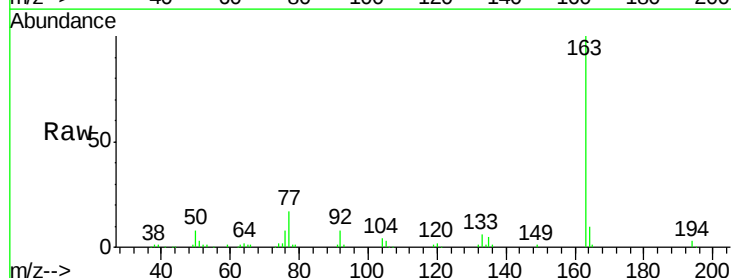
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-DIESEL-SIDEWALL

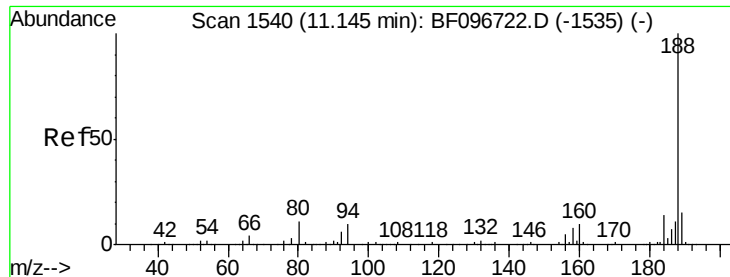
Tgt Ion:172 Resp: 746368
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.724 ng
 RT: 9.38 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

Tgt Ion:163 Resp: 112103
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF096802.D

Acq: 15 Jul 2017 5:30

Instrument :

BNA_F

ClientSampleId :

NORTH-DIESEL-SIDEWALL

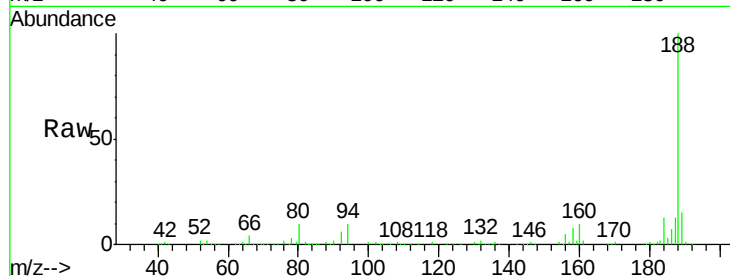
Tgt Ion:188 Resp: 194493

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

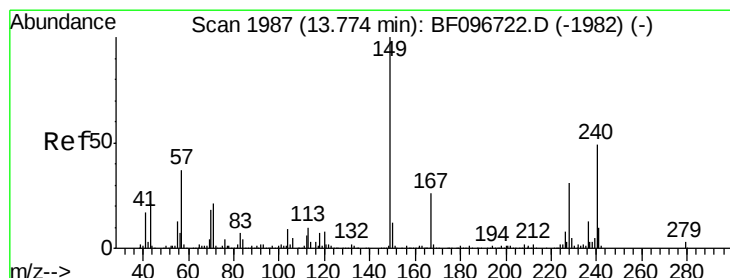
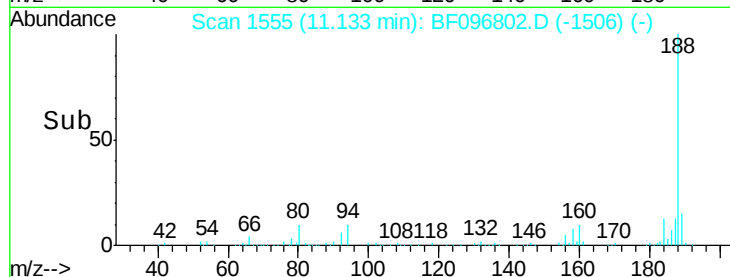
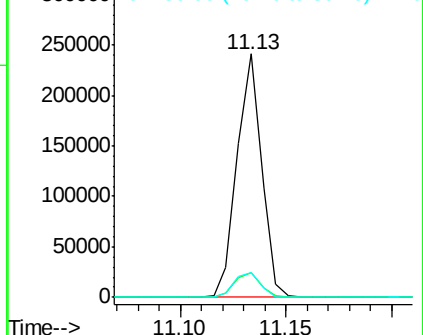
80 10.1 10.2 15.2#



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: BF096802.D

Acq: 15 Jul 2017 5:30

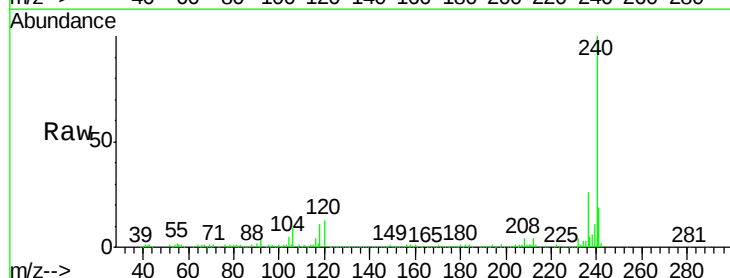
Tgt Ion:240 Resp: 199309

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

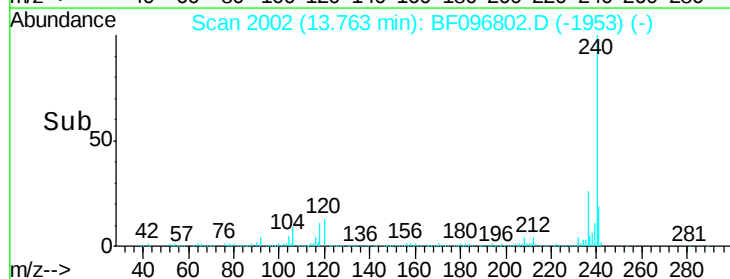
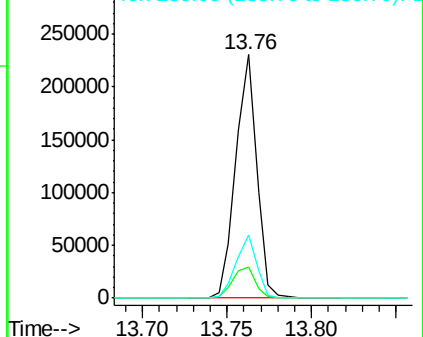
236 26.0 20.5 30.7

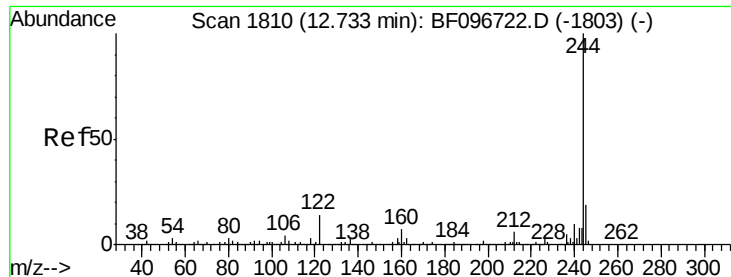


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

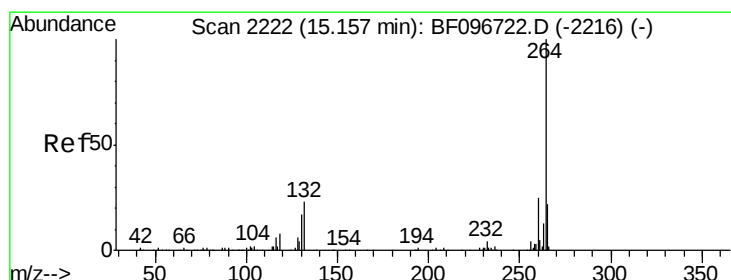
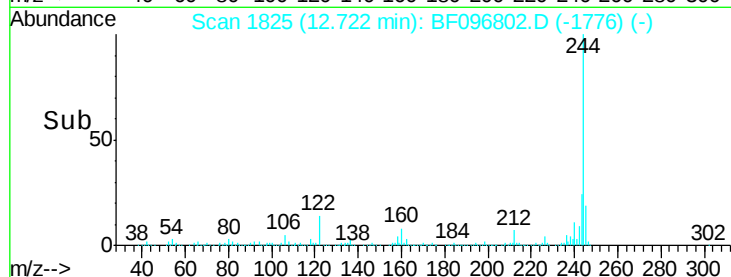
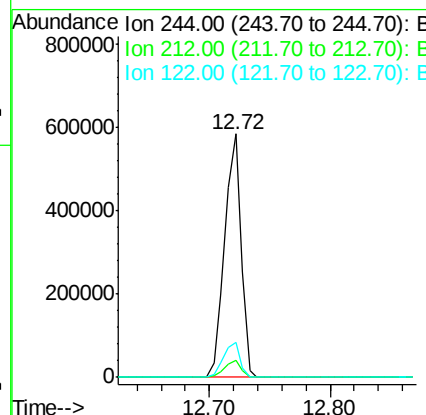
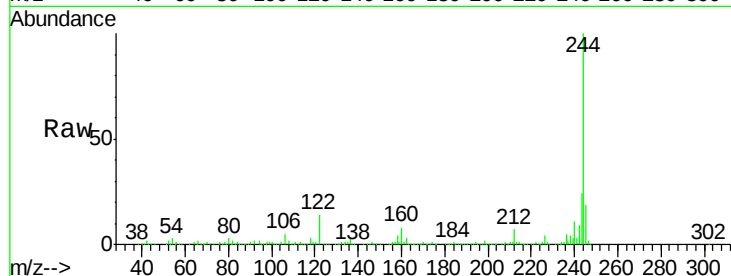




#78
 Terphenyl-d14
 Concen: 47.571 ng
 RT: 12.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096802.D
 Acq: 15 Jul 2017 5:30

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-DIESEL-SIDEWALL

Tgt Ion: 244 Resp: 546706
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.2 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: BF096802.D
 Acq: 15 Jul 2017 5:30

Tgt Ion: 264 Resp: 135405
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 19.3 17.2 25.8

