

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090804.D
 Acq On : 24 Oct 2016 22:51
 Operator : UM/SJ
 Sample : H5393-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-DIESEL

Quant Time: Oct 25 01:19:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

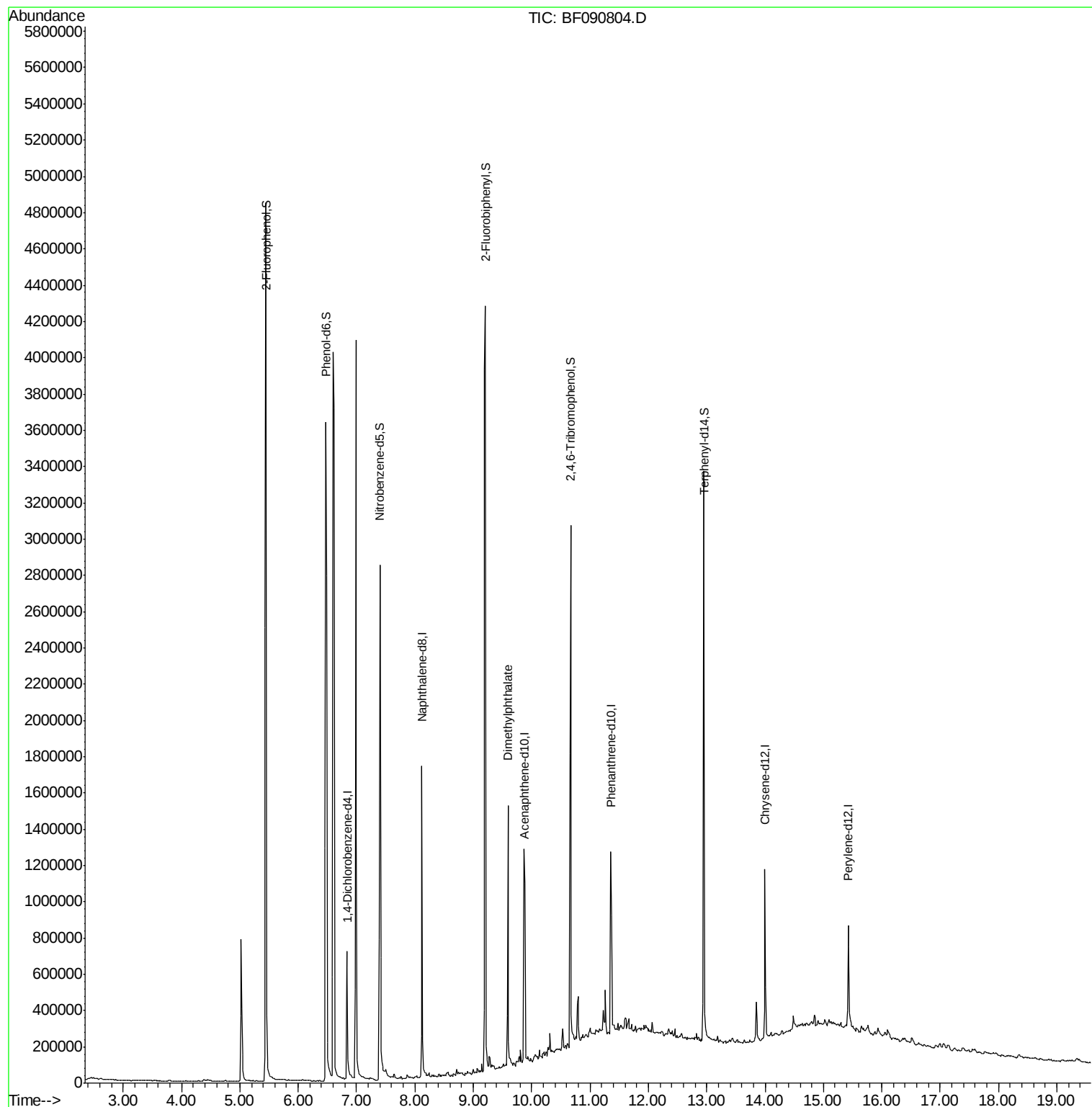
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175852	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	771728	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	353559	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	503477	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	353061	20.00	ng	-0.02
86) Perylene-d12	15.42	264	297143	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1638194	150.24	ng	-0.01
7) Phenol-d6	6.47	99	2240663	151.71	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1234390	87.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	478069	170.84	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2099055	92.16	ng	-0.02
78) Terphenyl-d14	12.96	244	1532658	99.49	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.59	163	551216	24.81	ng	Qvalue # 98

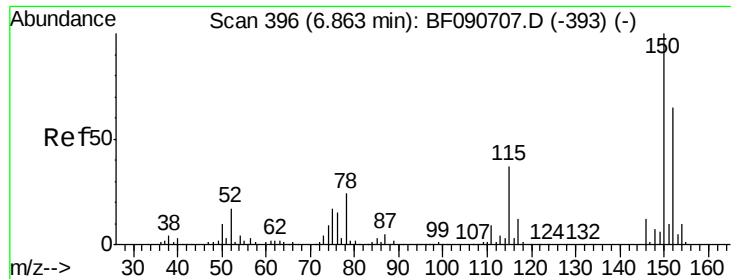
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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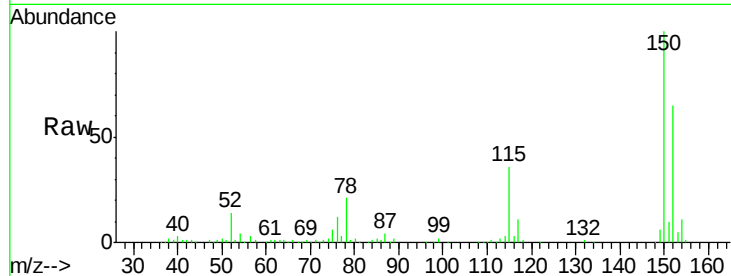


#1

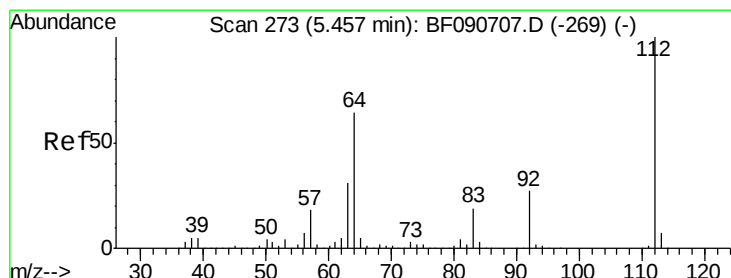
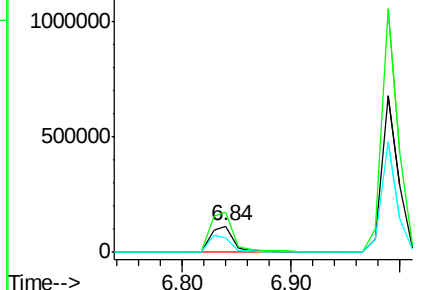
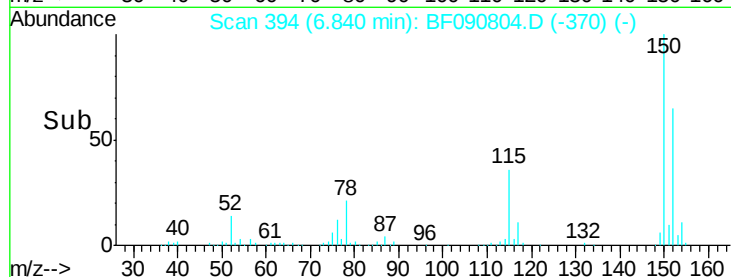
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tot Ion:152 Resp: 175852
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 55.0 39.0 58.4



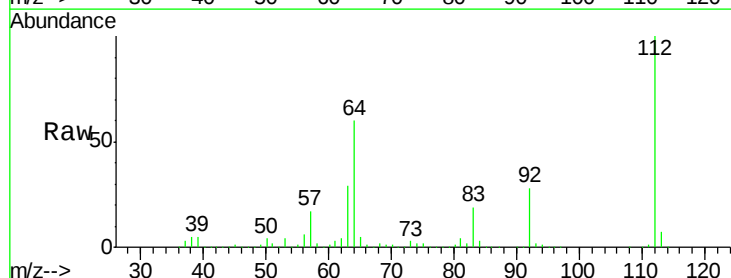
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



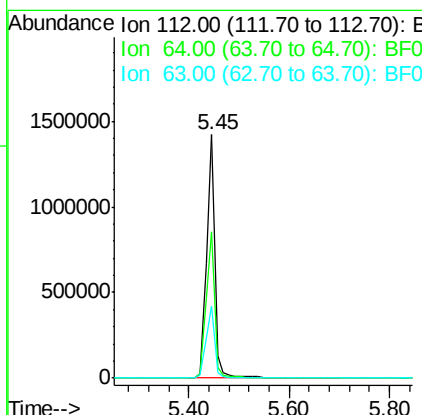
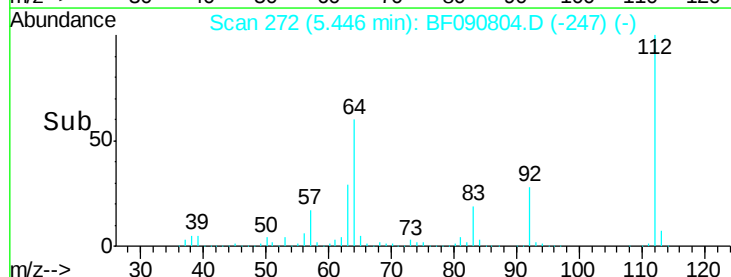
#5

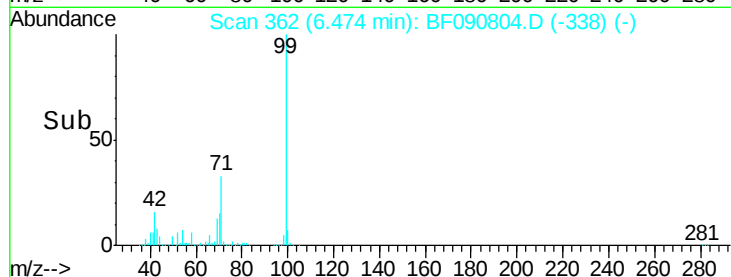
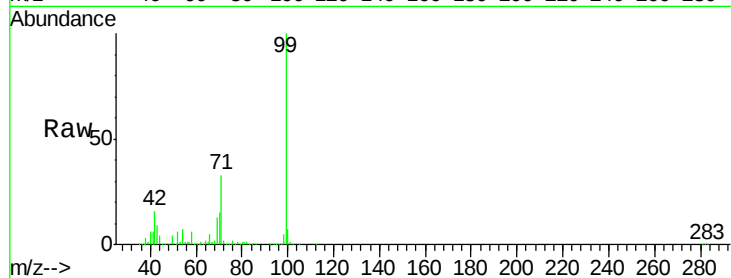
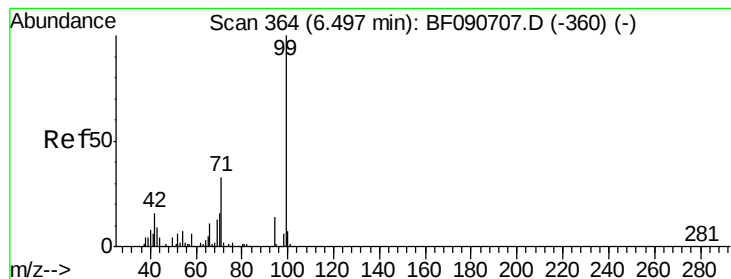
2-Fluorophenol
Concen: 150.24 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Tgt Ion:112 Resp: 1638194
Ion Ratio Lower Upper
112 100
64 60.1 39.7 59.5#
63 29.5 17.4 26.0#



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: 151.71 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090804.D

Acq: 24 Oct 2016 22:51

Instrument :

BNA_F

ClientSampleId :

END-WEST-DIESEL

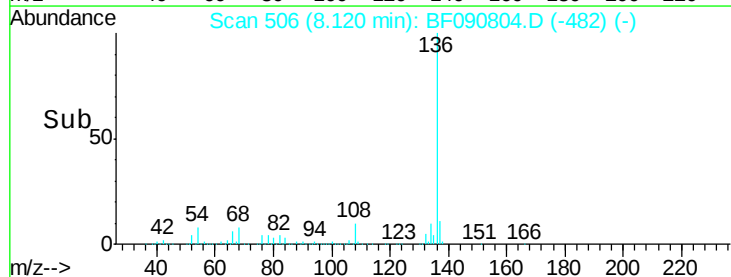
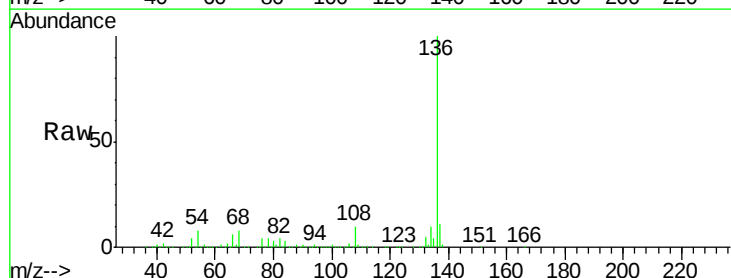
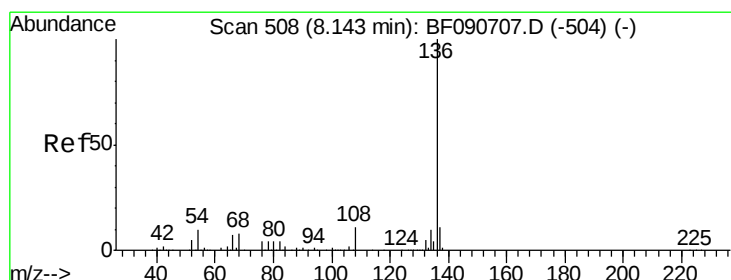
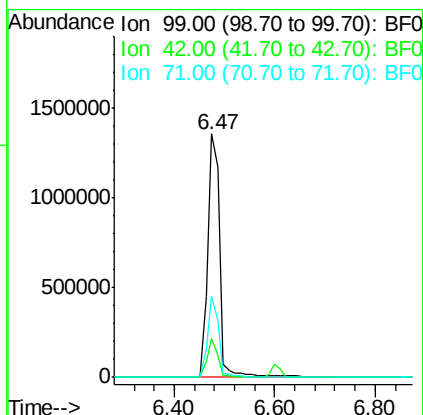
Tot Ion: 99 Resp: 2240663

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.1 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090804.D

Acq: 24 Oct 2016 22:51

Tgt Ion: 136 Resp: 771728

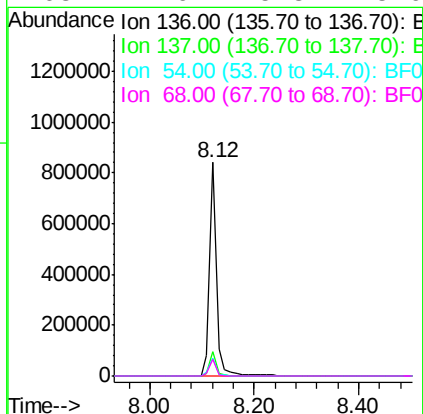
Ion Ratio Lower Upper

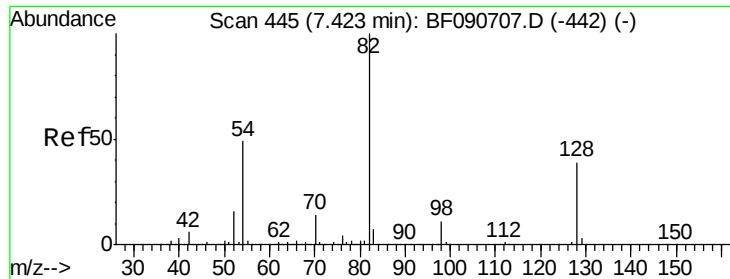
136 100

137 11.3 9.0 13.6

54 8.3 8.2 12.2

68 7.6 5.8 8.6

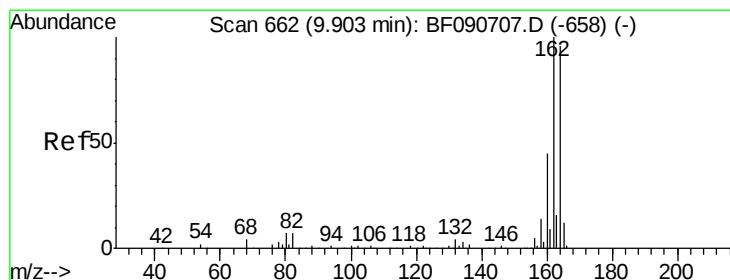
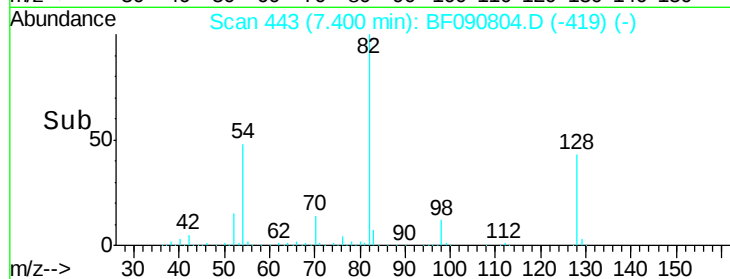
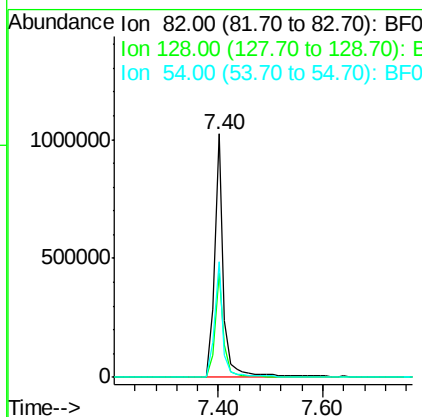
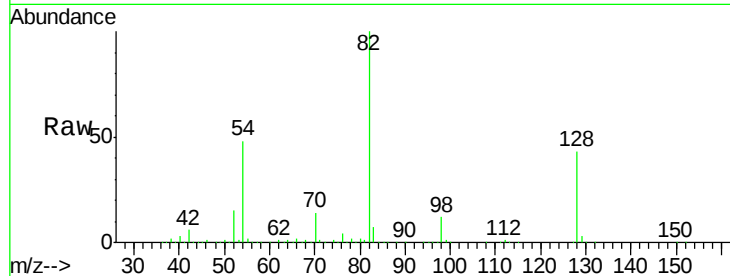




#23
 Nitrobenzene-d5
 Concen: 87.73 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090804.D
 Acq: 24 Oct 2016 22:51

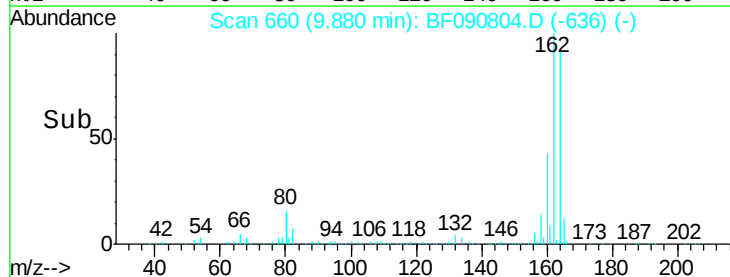
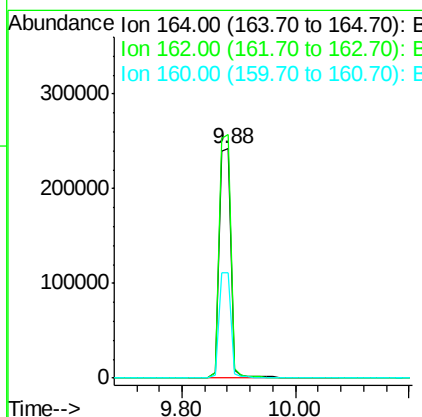
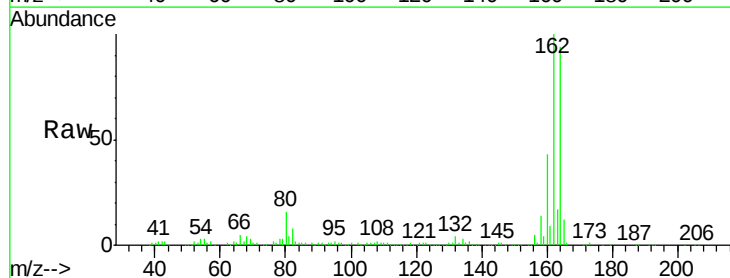
Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-DIESEL

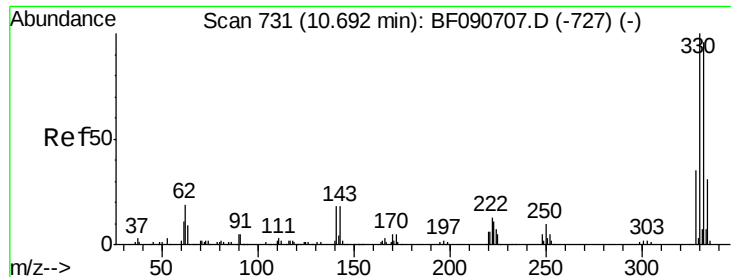
Tot Ion: 82 Resp: 1234390
 Ion Ratio Lower Upper
 82 100
 128 42.5 51.0 76.6#
 54 47.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF090804.D
 Acq: 24 Oct 2016 22:51

Tgt Ion:164 Resp: 353559
 Ion Ratio Lower Upper
 164 100
 162 106.4 75.2 112.8
 160 46.2 31.5 47.3

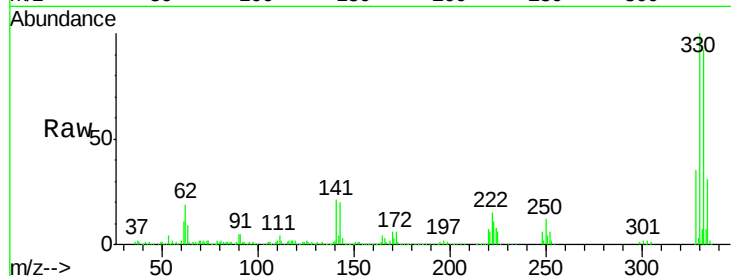




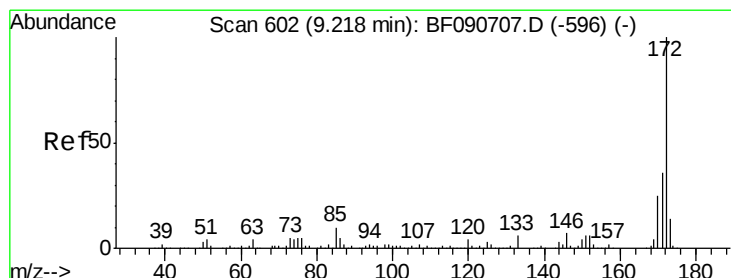
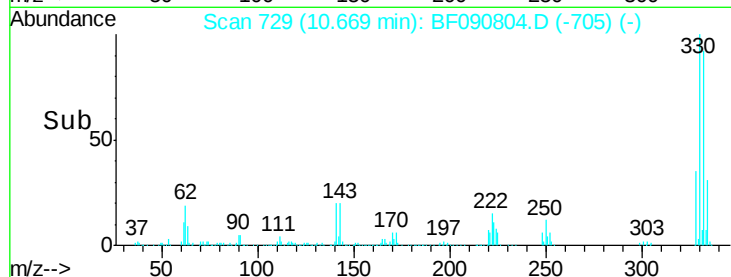
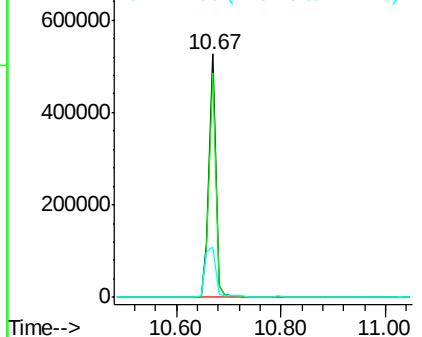
#41
 2,4,6-Tribromophenol
 Concen: 170.84 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090804.D
 Acq: 24 Oct 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-DIESEL

Tot Ion:330 Resp: 478069
 Ion Ratio Lower Upper
 330 100
 332 92.2 76.6 114.8
 141 32.0 29.7 44.5

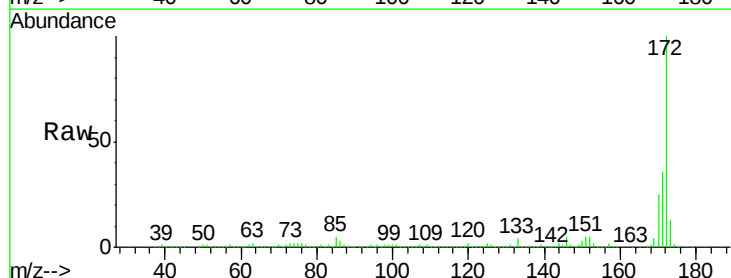


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

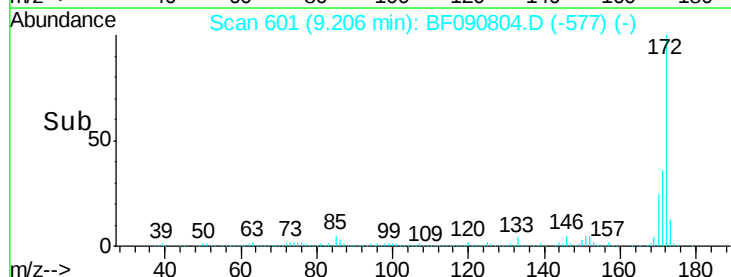
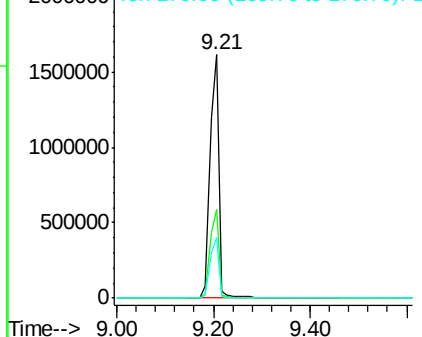


#44
 2-Fluorobiphenyl
 Concen: 92.16 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090804.D
 Acq: 24 Oct 2016 22:51

Tgt Ion:172 Resp: 2099055
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.7 17.4 26.2



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

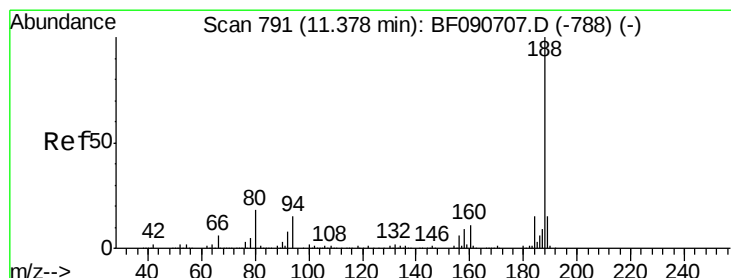
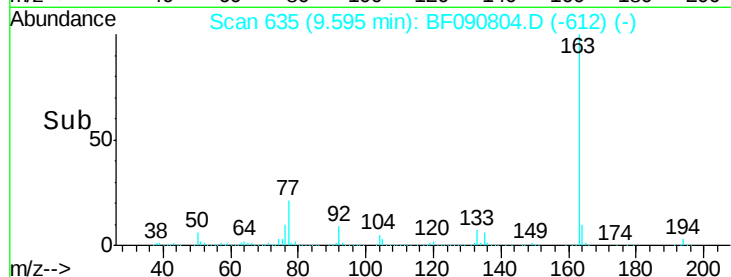
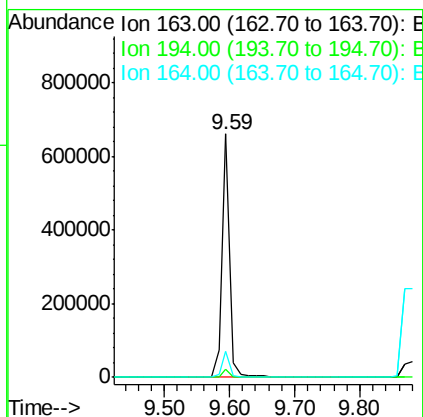
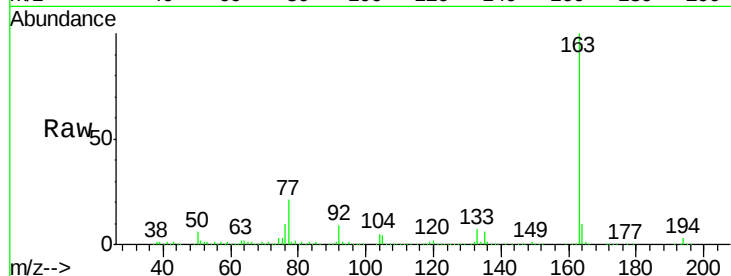




#49
Dimethylphthalate
Concen: 24.81 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

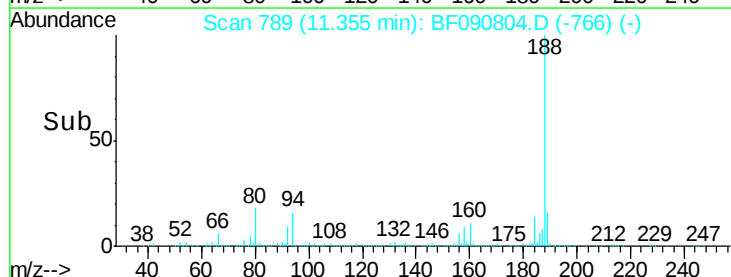
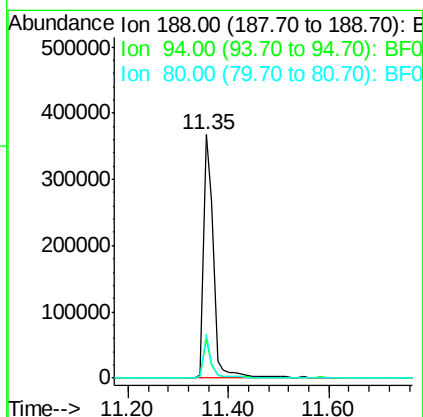
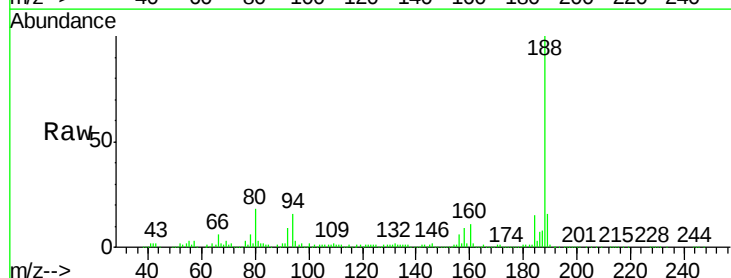
Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

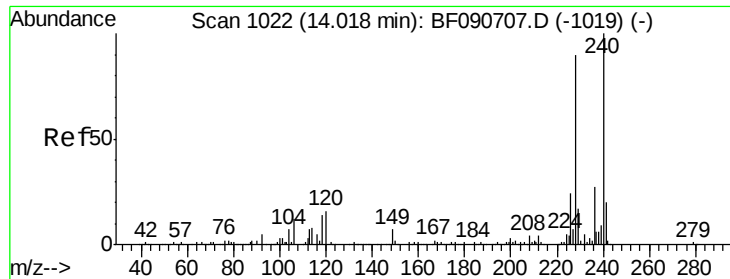
Tot Ion:163 Resp: 551216
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.5 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Tgt Ion:188 Resp: 503477
Ion Ratio Lower Upper
188 100
94 16.0 11.1 16.7
80 18.2 11.0 16.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF090804.D

Acq: 24 Oct 2016 22:51

Instrument :

BNA_F

ClientSampleId :

END-WEST-DIESEL

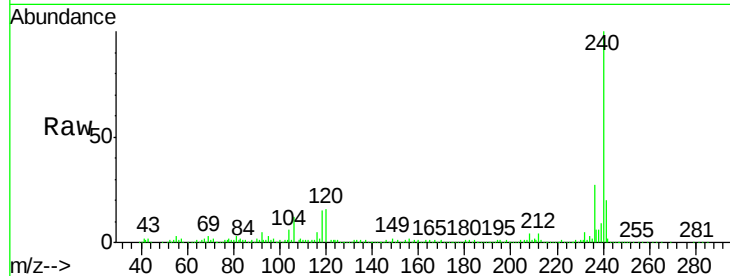
Tot Ion:240 Resp: 353061

Ion Ratio Lower Upper

240 100

120 16.4 16.2 24.2

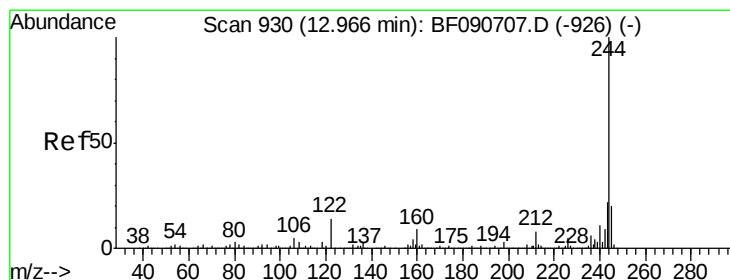
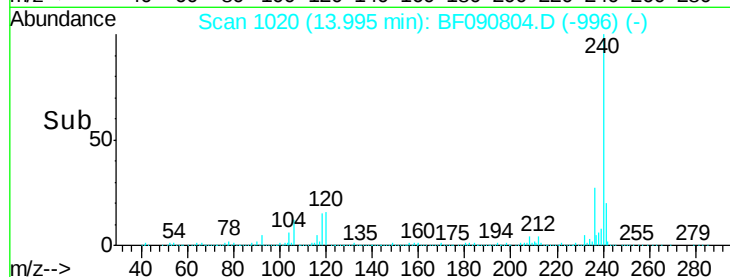
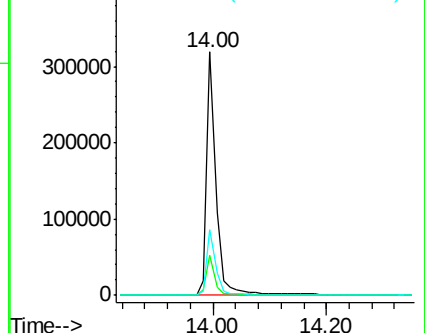
236 26.9 18.4 27.6



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: 99.49 ng

RT: 12.96 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090804.D

Acq: 24 Oct 2016 22:51

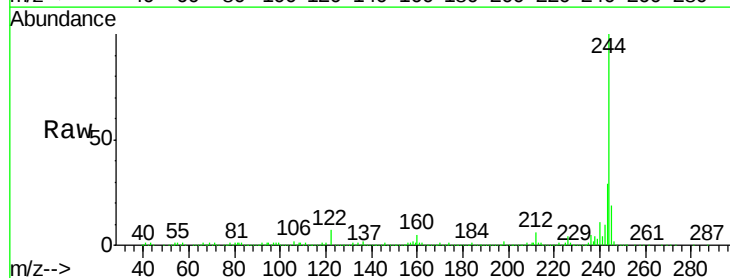
Tgt Ion:244 Resp: 1532658

Ion Ratio Lower Upper

244 100

212 6.3 4.3 6.5

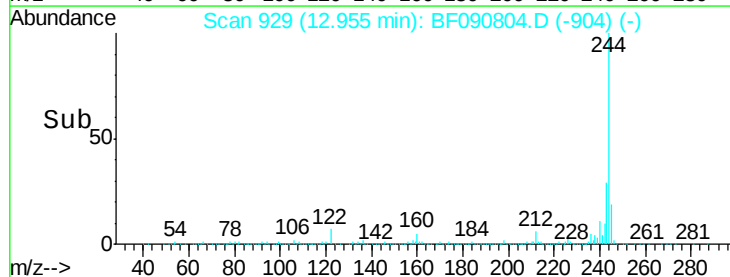
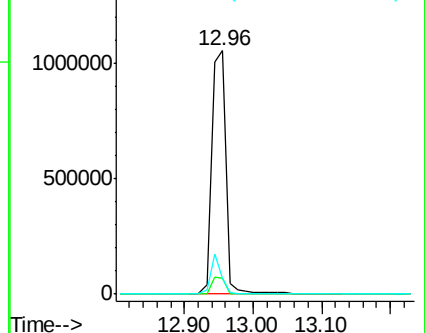
122 6.7 17.4 26.2#

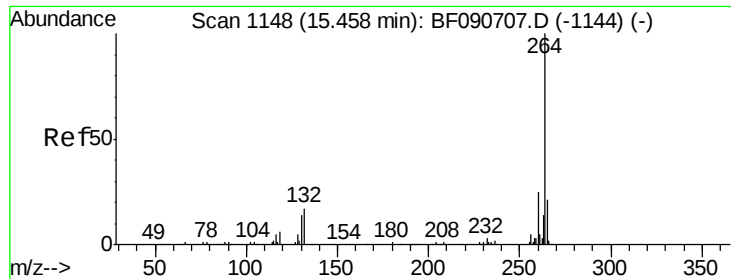


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



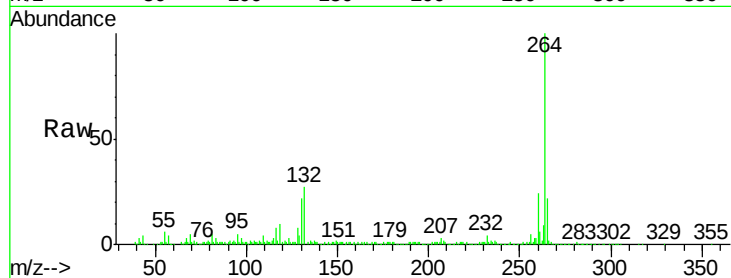


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tot Ion: 264 Resp: 297143

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
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

