

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090802.D
 Acq On : 24 Oct 2016 21:57
 Operator : UM/SJ
 Sample : H5393-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-DIESEL

Quant Time: Oct 25 01:16:37 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

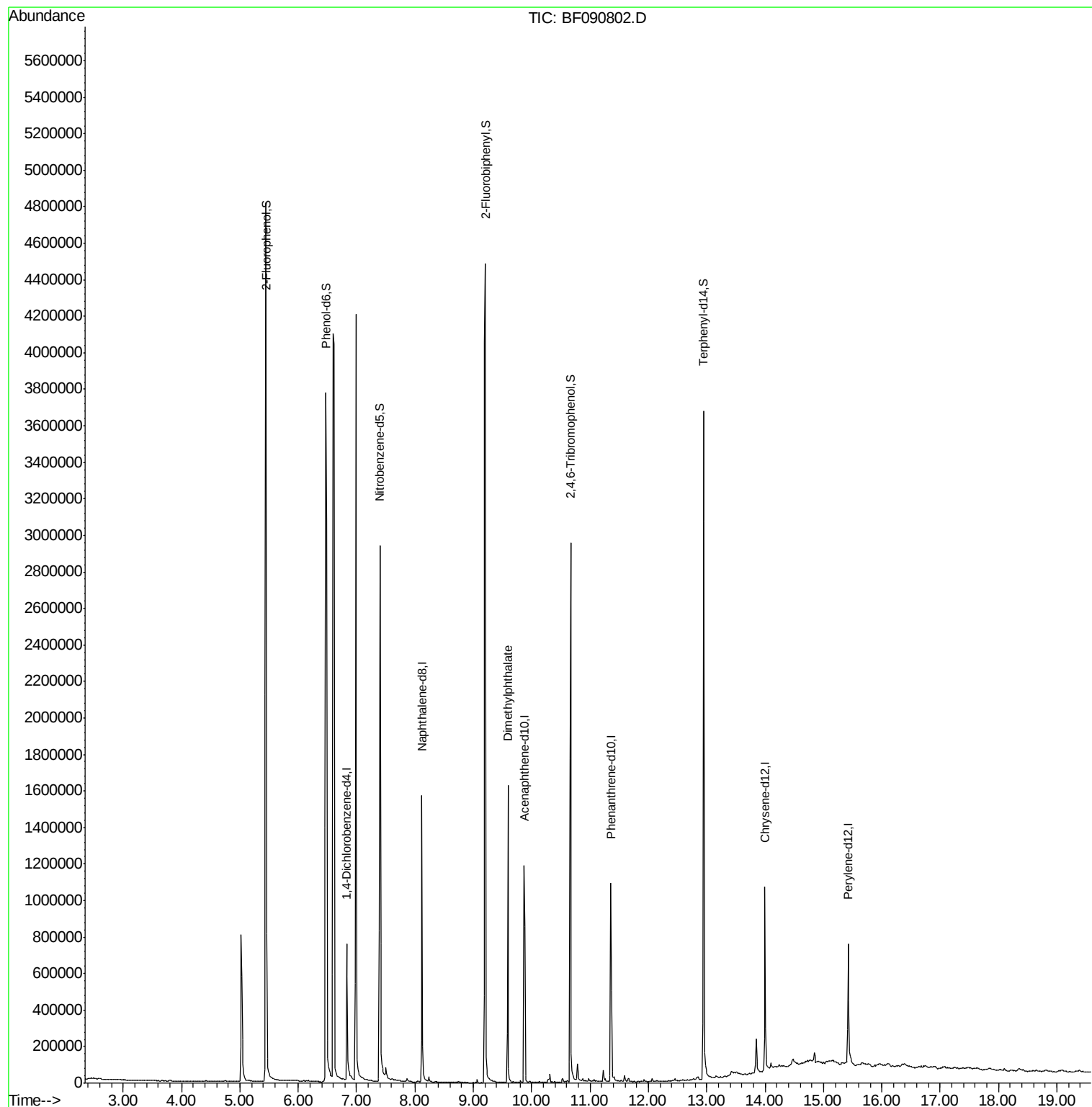
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175477	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	752449	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	344716	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	499134	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	363106	20.00	ng	-0.02
86) Perylene-d12	15.42	264	320728	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1646832	151.35	ng	-0.01
7) Phenol-d6	6.47	99	2383349	161.72	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1291659	94.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	526868	193.10	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2292291	103.23	ng	-0.02
78) Terphenyl-d14	12.94	244	1828724	115.43	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	666625	30.78	ng	Qvalue # 98

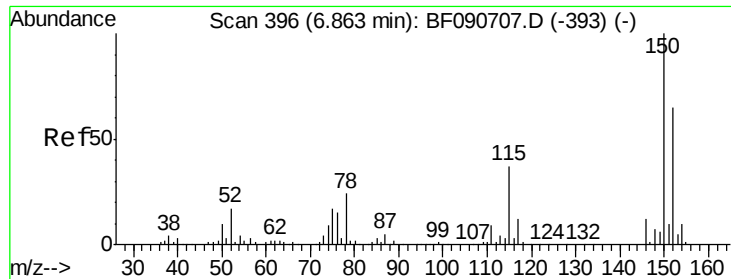
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-DIESEL

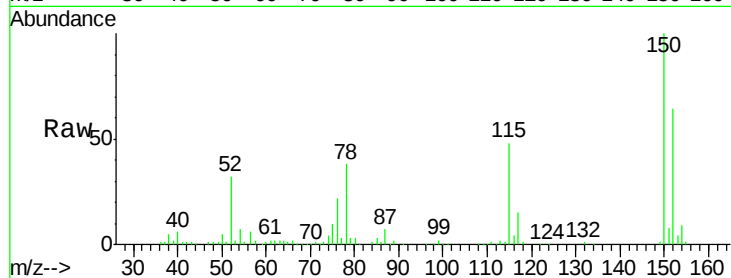
Tot Ion:152 Resp: 175477

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

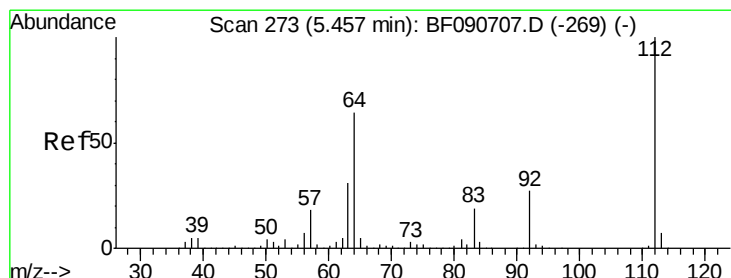
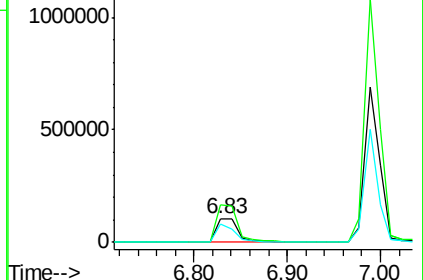
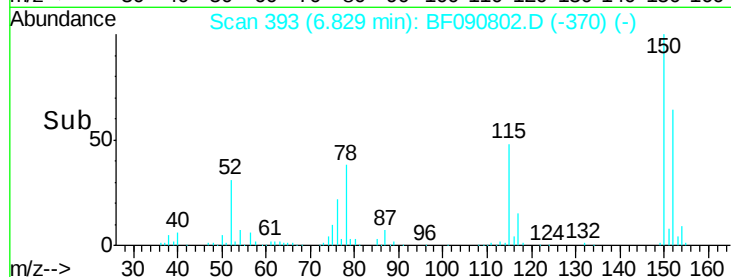
115 75.7 39.0 58.4#



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: 151.35 ng

RT: 5.45 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

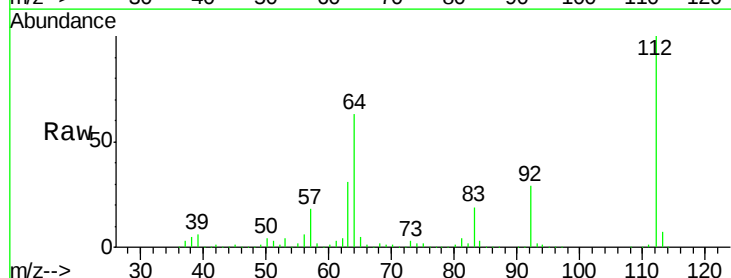
Tgt Ion:112 Resp: 1646832

Ion Ratio Lower Upper

112 100

64 62.6 39.7 59.5#

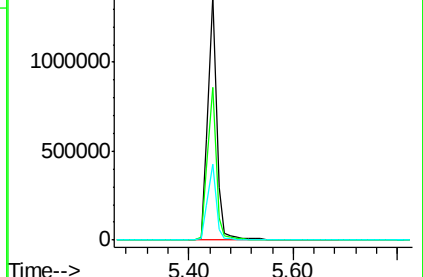
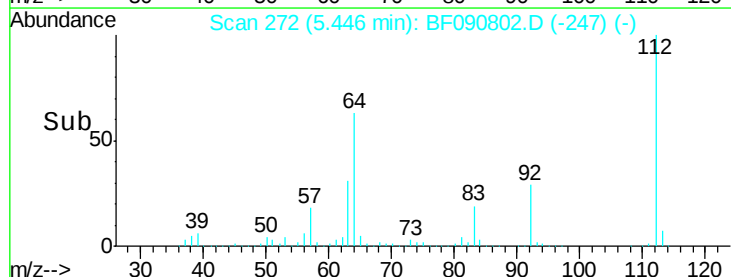
63 31.1 17.4 26.0#

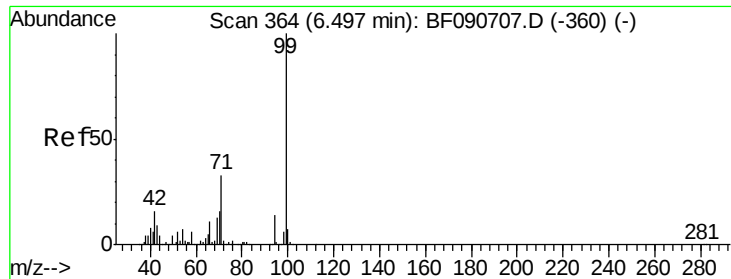


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 161.72 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-DIESEL

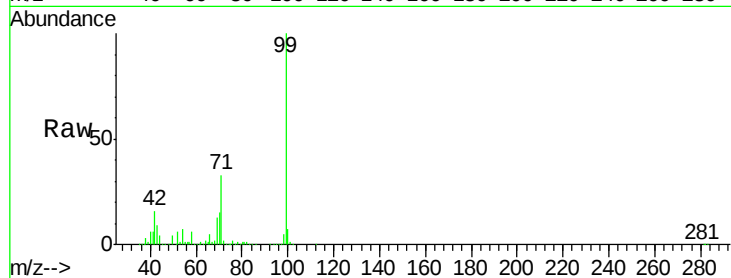
Tot Ion: 99 Resp: 2383349

Ion Ratio Lower Upper

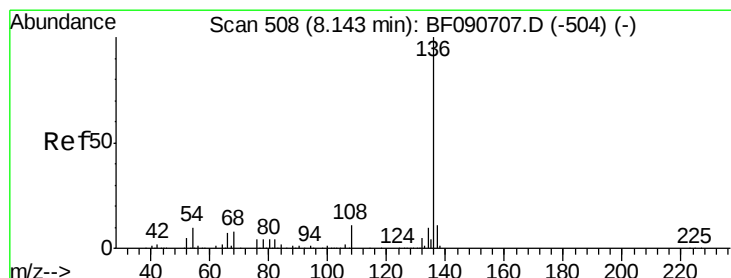
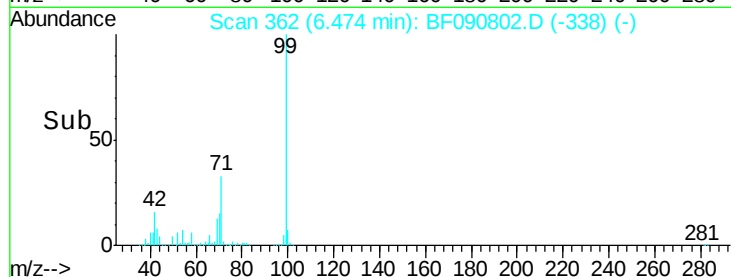
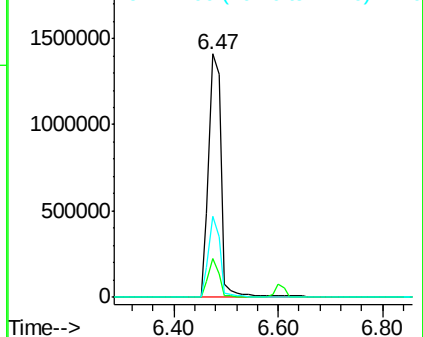
99 100

42 16.1 13.7 20.5

71 33.3 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

Tgt Ion: 136 Resp: 752449

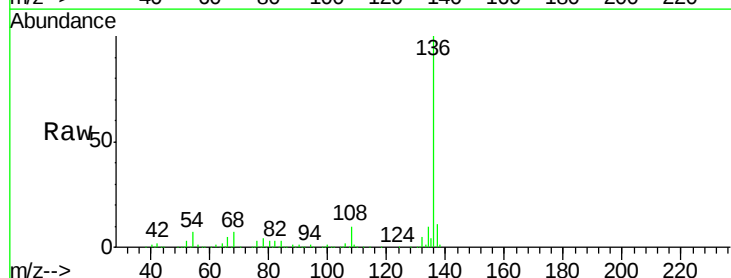
Ion Ratio Lower Upper

136 100

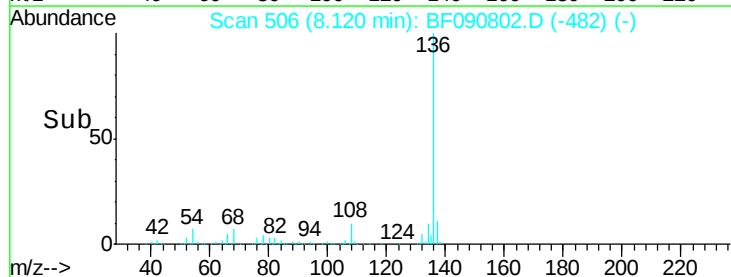
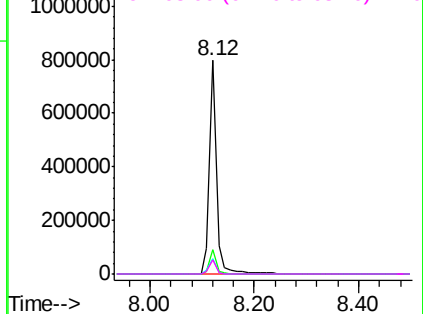
137 11.3 9.0 13.6

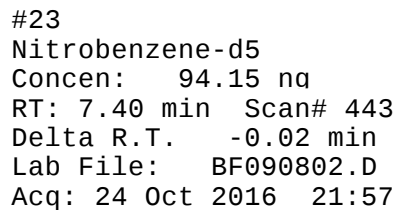
54 7.2 8.2 12.2#

68 6.7 5.8 8.6



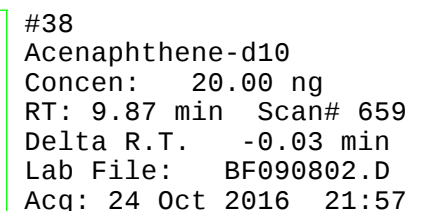
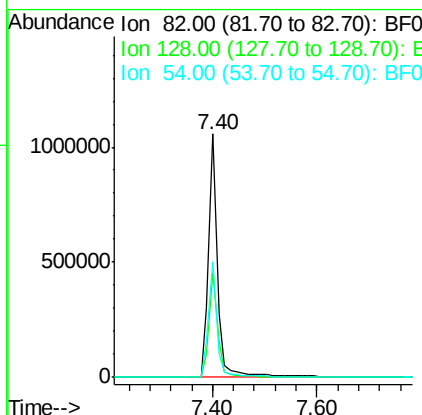
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



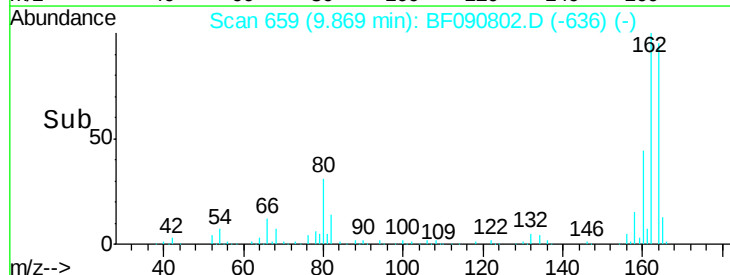
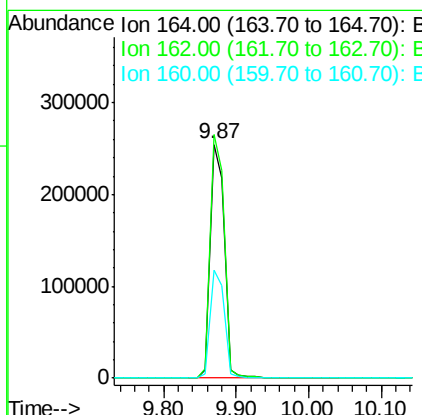


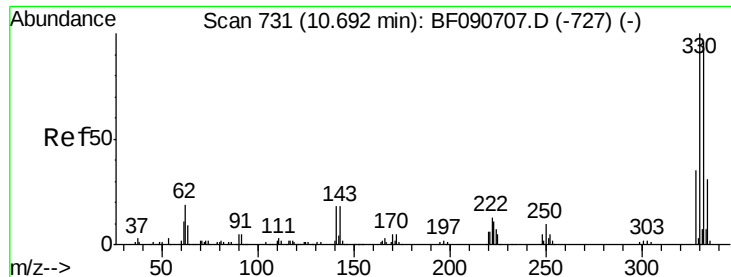
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-DIESEL

Tot	Ion: 82	Resp: 1291659	
Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	47.4	47.5	71.3#



Tgt	Ion:164	Resp:	344716
Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	46.2	31.5	47.3

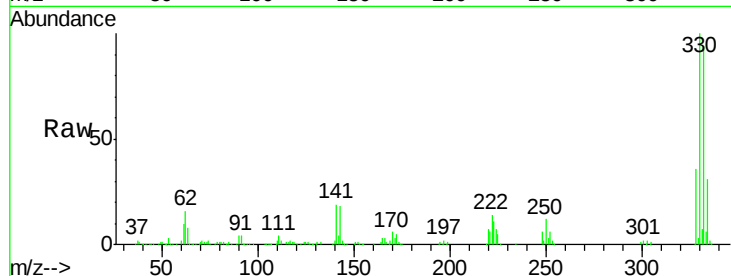




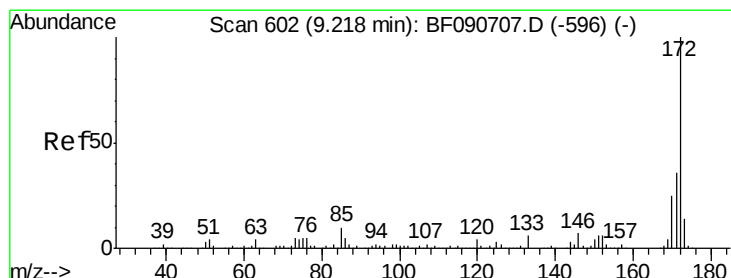
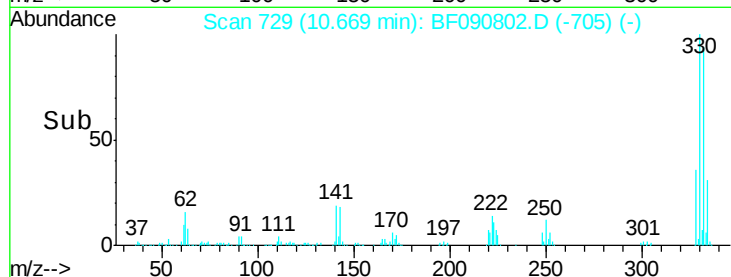
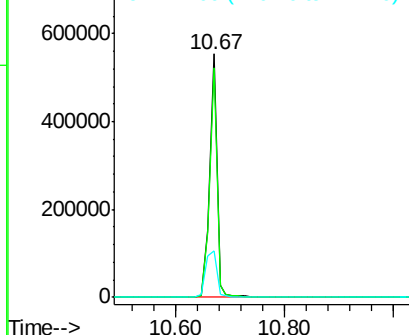
#41
 2,4,6-Tribromophenol
 Concen: 193.10 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-DIESEL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	28.5	29.7	44.5#

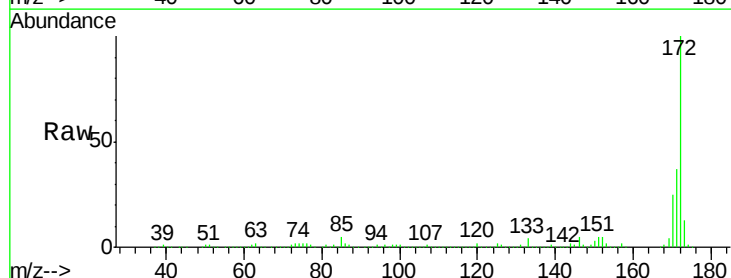


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

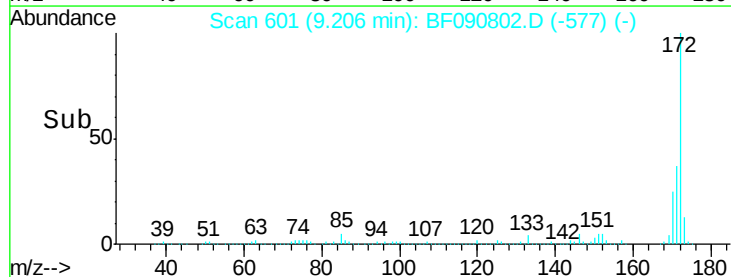
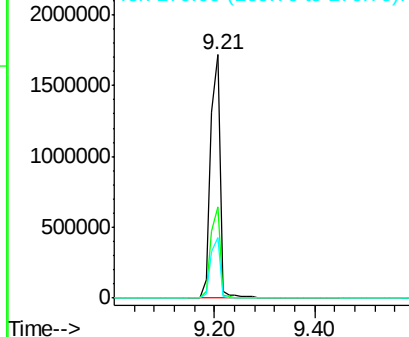


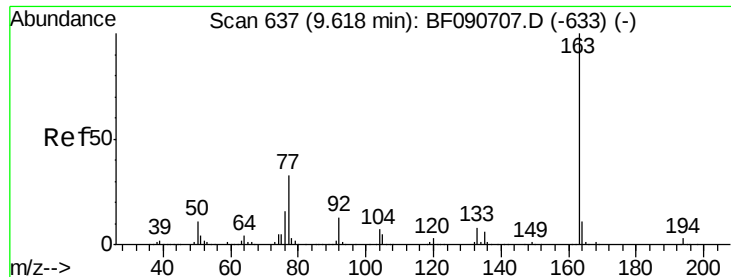
#44
 2-Fluorobiphenyl
 Concen: 103.23 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	24.8	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

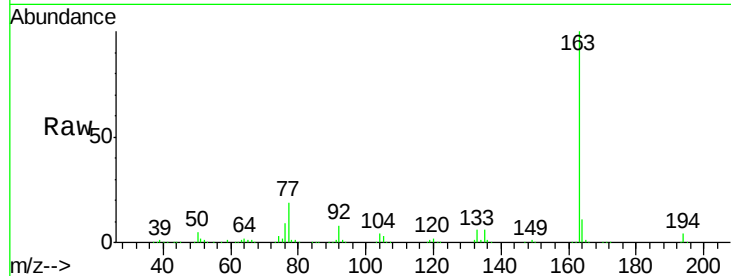




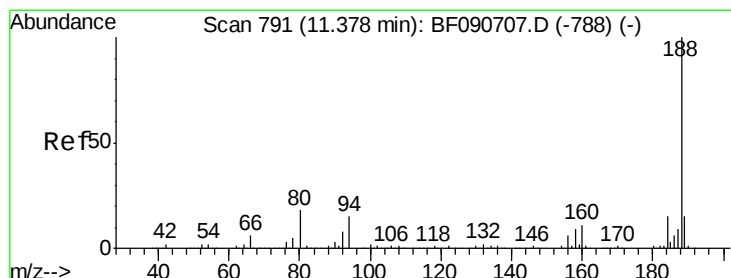
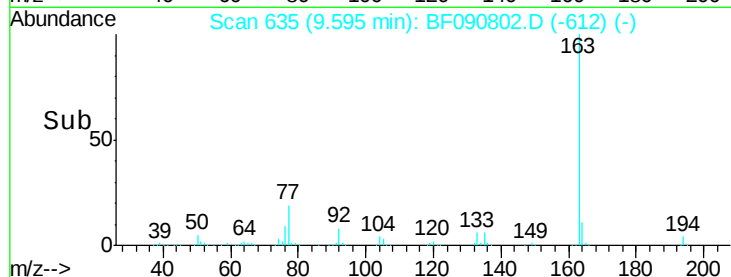
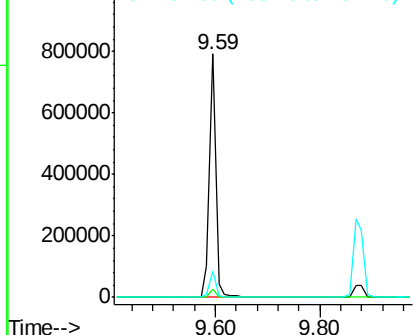
#49
Dimethylphthalate
Concen: 30.78 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF090802.D
Acq: 24 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-DIESEL

Tot Ion:163 Resp: 666625
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.6 8.3 12.5

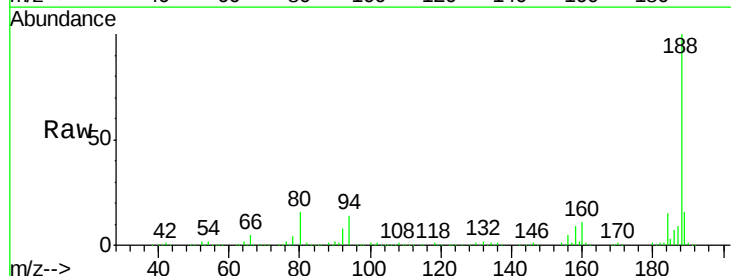


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

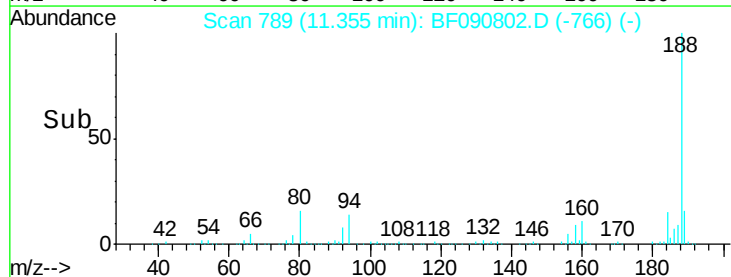
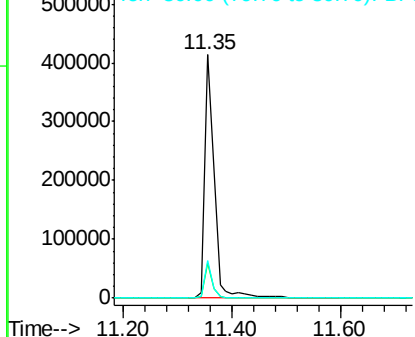


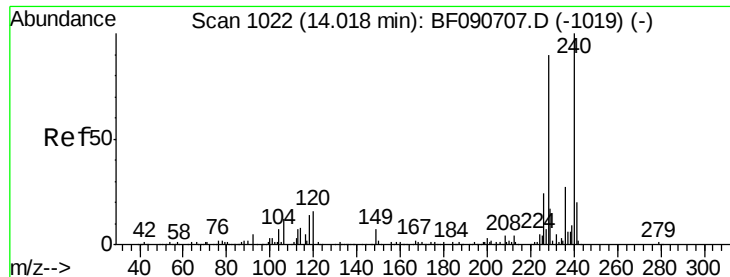
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090802.D
Acq: 24 Oct 2016 21:57

Tgt Ion:188 Resp: 499134
Ion Ratio Lower Upper
188 100
94 14.3 11.1 16.7
80 15.7 11.0 16.4



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: 20.00 ng

RT: 14.00 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-DIESEL

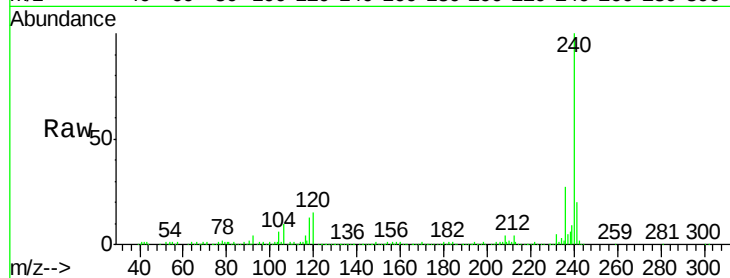
Tot Ion:240 Resp: 363106

Ion Ratio Lower Upper

240 100

120 14.6 16.2 24.2#

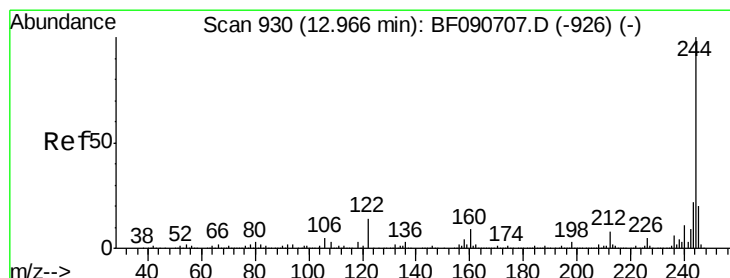
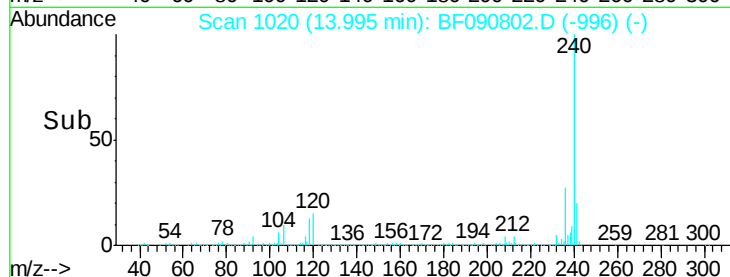
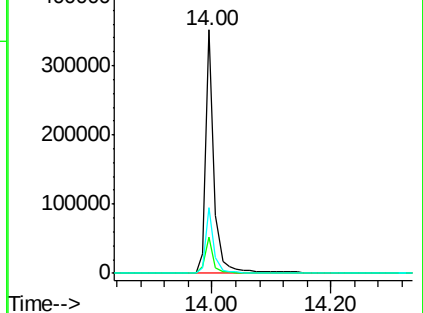
236 26.8 18.4 27.6



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: 115.43 ng

RT: 12.94 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

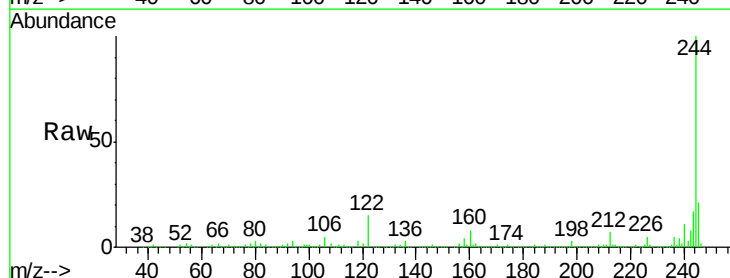
Tgt Ion:244 Resp: 1828724

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

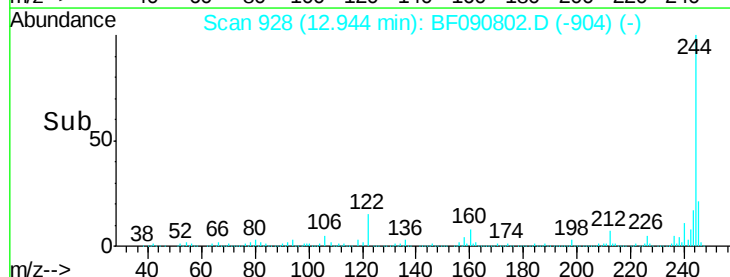
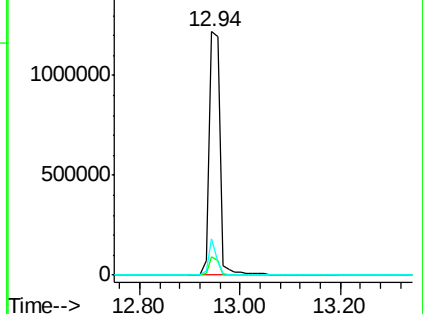
122 14.9 17.4 26.2#

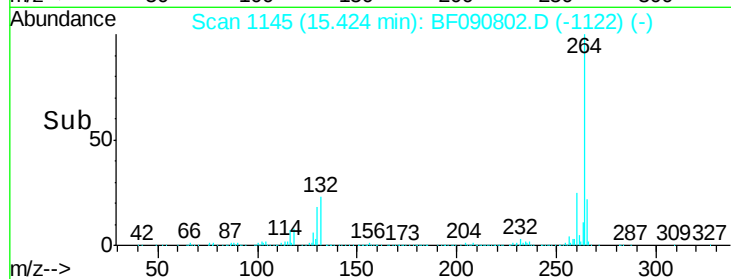
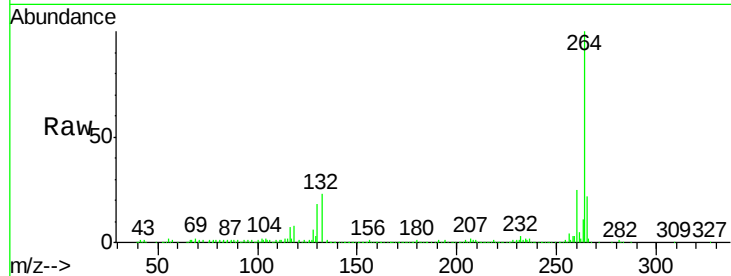
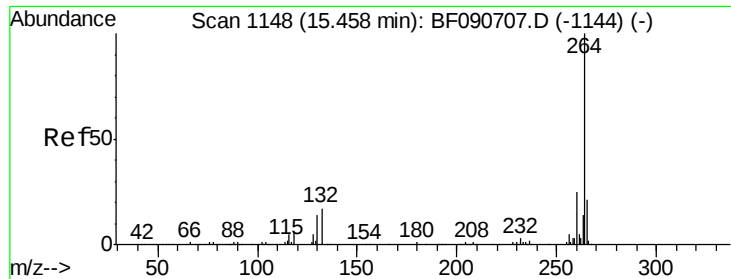


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090802.D
 Acq: 24 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-DIESEL

Tot Ion: 264 Resp: 320728
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.9 17.2 25.8

