

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 00:59:49 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

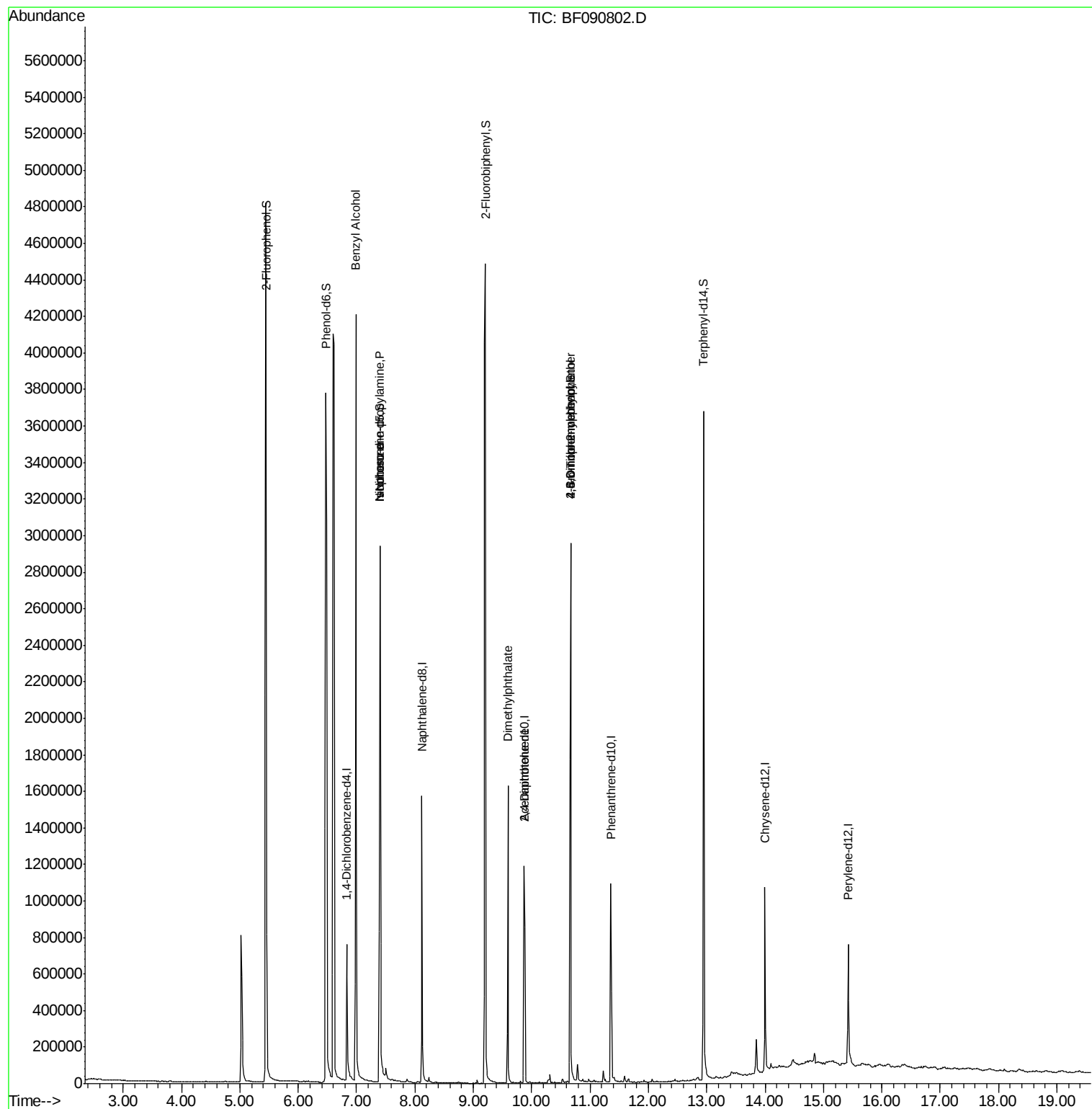
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175477	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	752449	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	344716	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	499134	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	363106	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						
15) Benzyl Alcohol	6.99	79	21907	2.19	ng	# 33
19) n-Nitroso-di-n-propylamine	7.40	70	170616	15.55	ng	# 53
25) Isophorone	7.40	82	1064273	40.98	ng	# 58
49) Dimethylphthalate	9.59	163	666625	30.78	ng	# 98
56) 2,4-Dinitrotoluene	9.87	165	43796	7.69	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.67	198	1039	4.48	ng	# 36
66) 4-Bromophenyl-phenylether	10.67	248	34950	7.22	ng	# 1

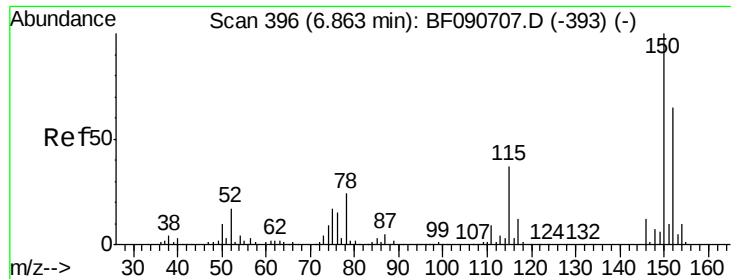
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

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Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-DIESEL

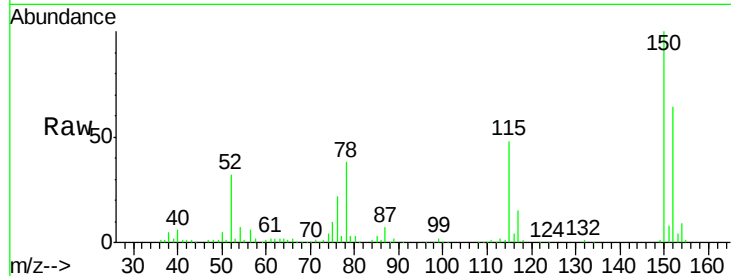
Tgt Ion:152 Resp: 175477

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

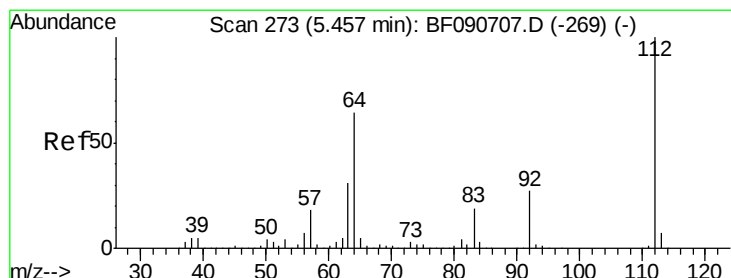
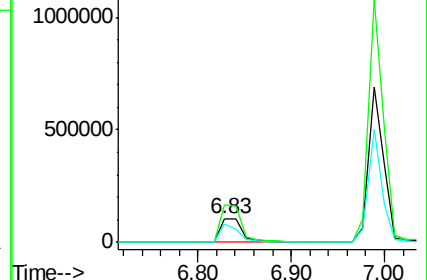
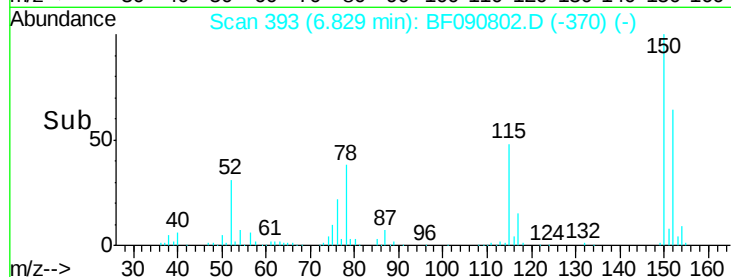
115 75.7 39.0 58.4#



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

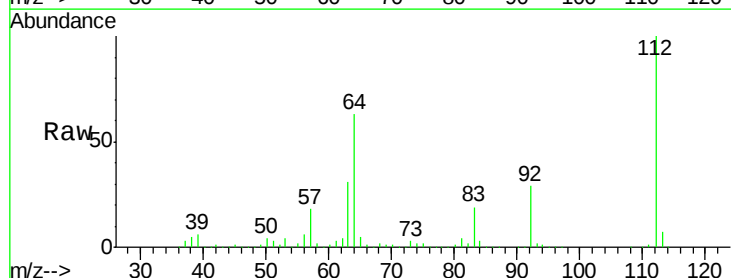
Tgt Ion:112 Resp: 1646832

Ion Ratio Lower Upper

112 100

64 62.6 39.7 59.5#

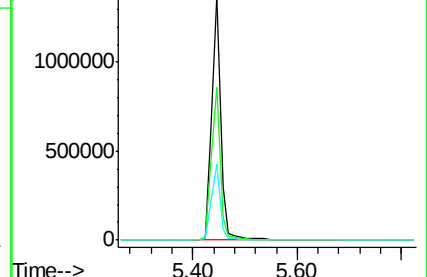
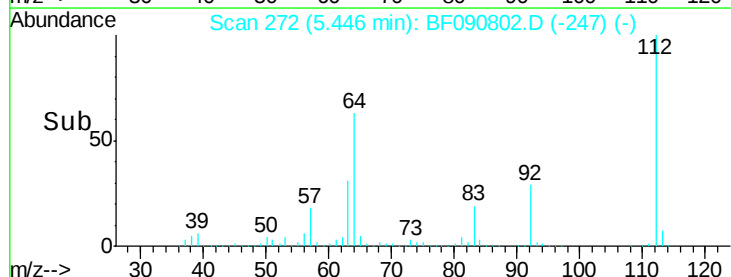
63 31.1 17.4 26.0#

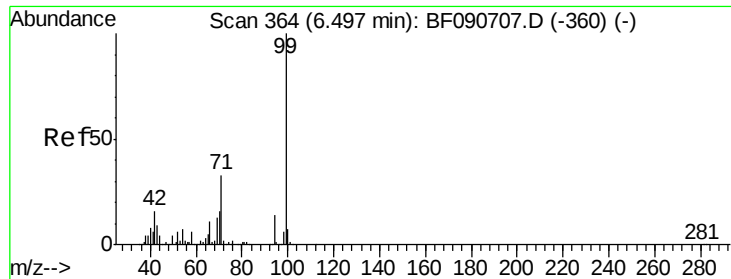


Abundance Ion 112.00 (111.70 to 112.70): E

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

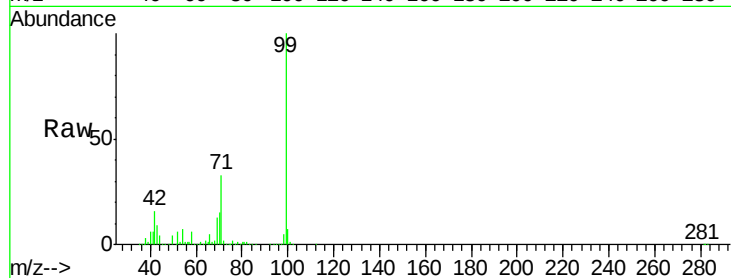
Tgt Ion: 99 Resp: 2383349

Ion Ratio Lower Upper

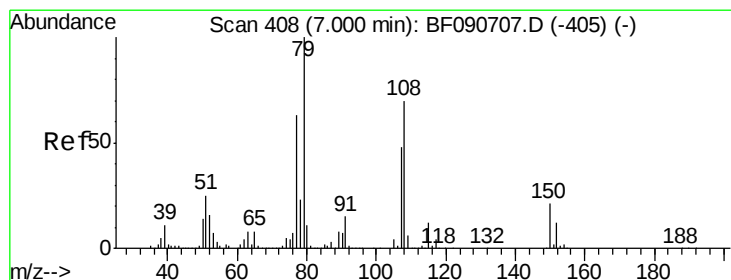
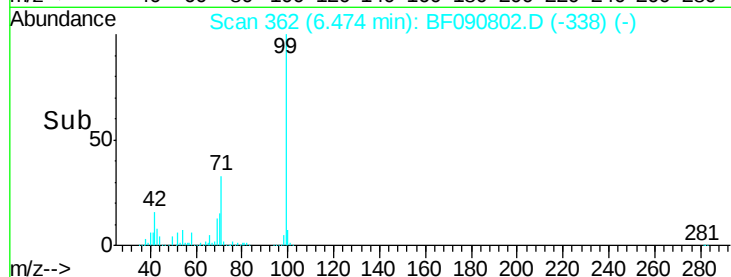
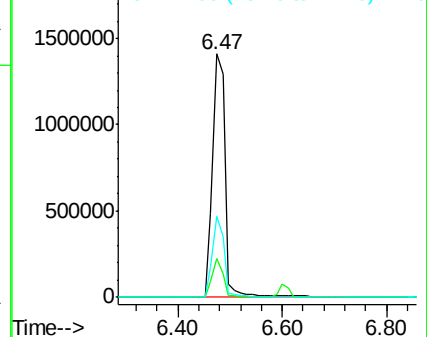
99 100

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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090802.D

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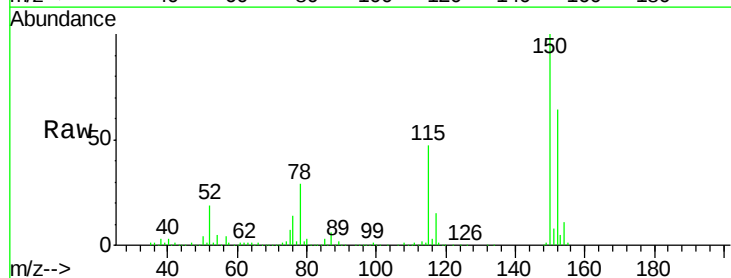
Tgt Ion: 79 Resp: 21907

Ion Ratio Lower Upper

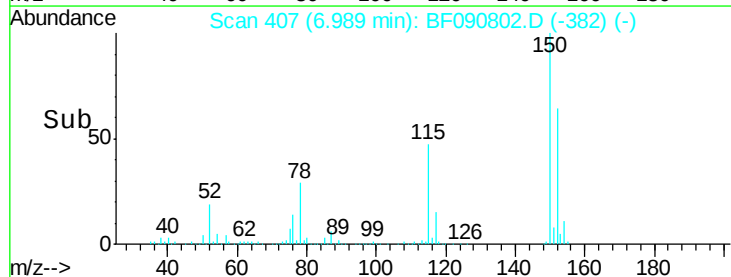
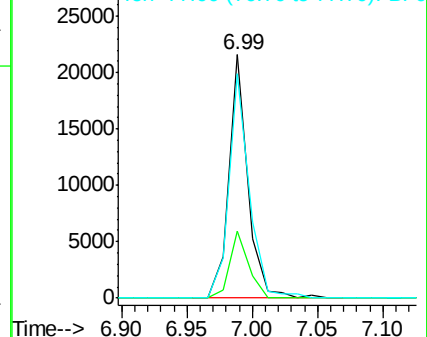
79 100

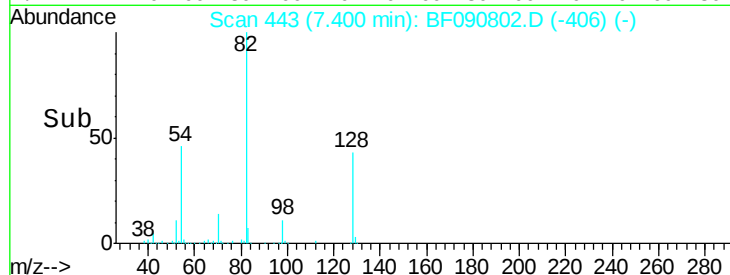
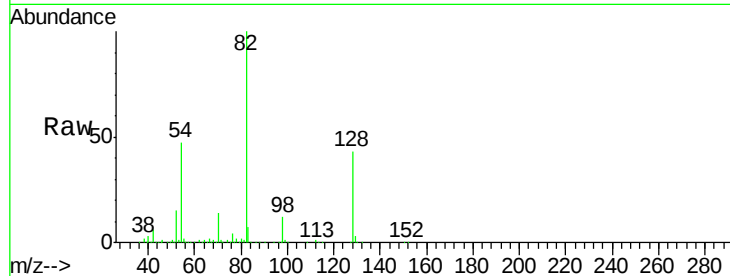
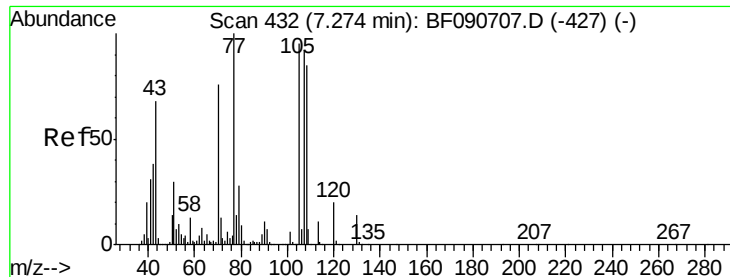
108 27.5 88.6 132.8#

77 92.3 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

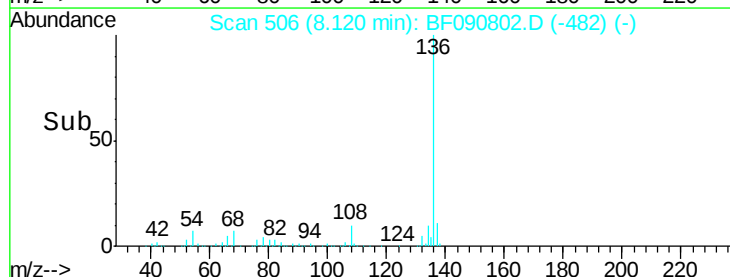
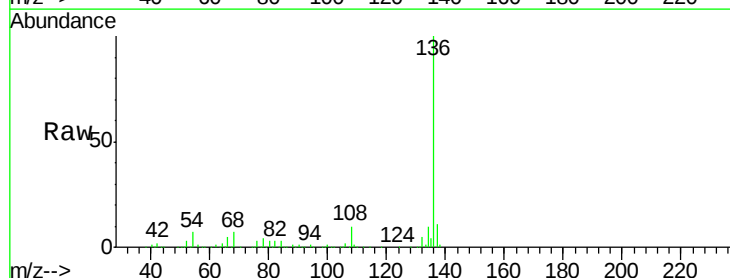
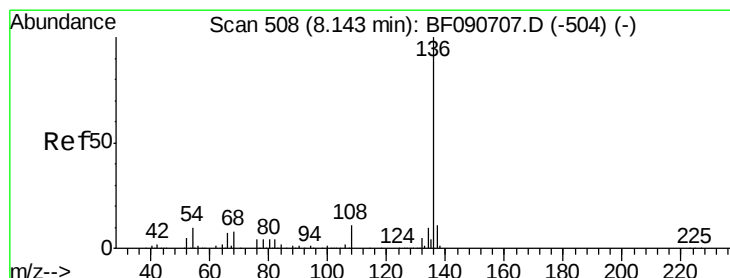
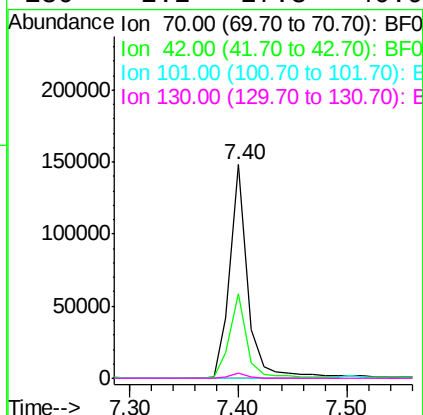




#19
n-Nitroso-di-n-propylamine
Concen: 15.55 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF090802.D
Acq: 24 Oct 2016 21:57

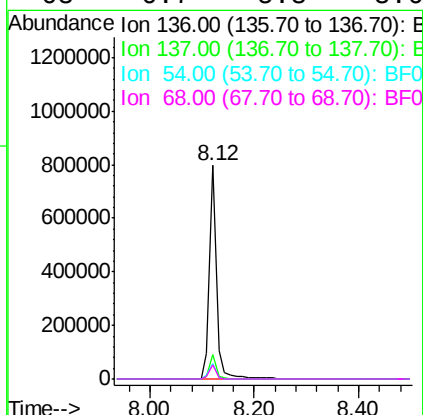
Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-DIESEL

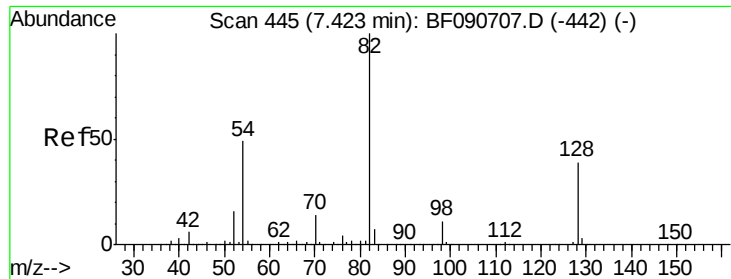
Tgt Ion:	70	Resp:	170616
Ion	Ratio	Lower	Upper
70	100		
42	39.6	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



#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

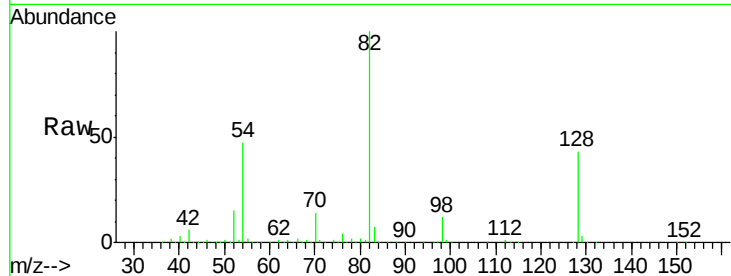




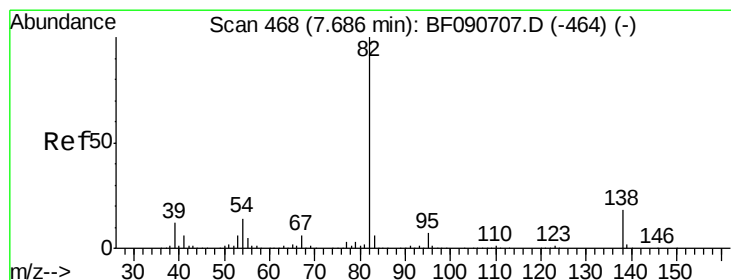
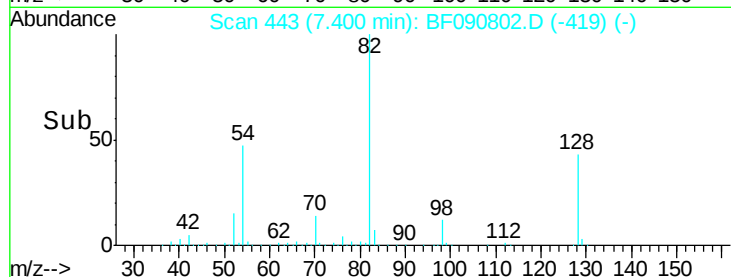
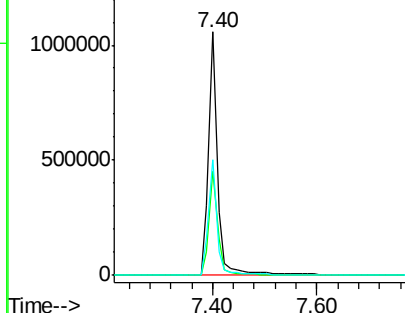
#23
Nitrobenzene-d5
Concen: 94.15 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090802.D
Acq: 24 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-DIESEL

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

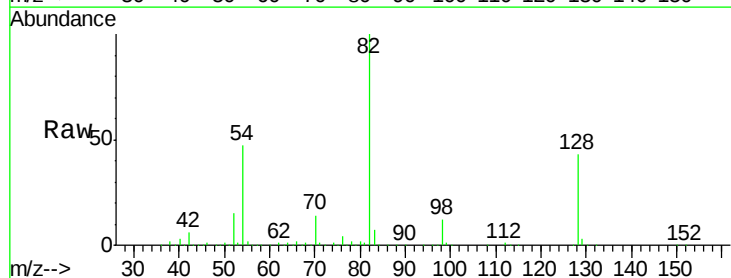


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

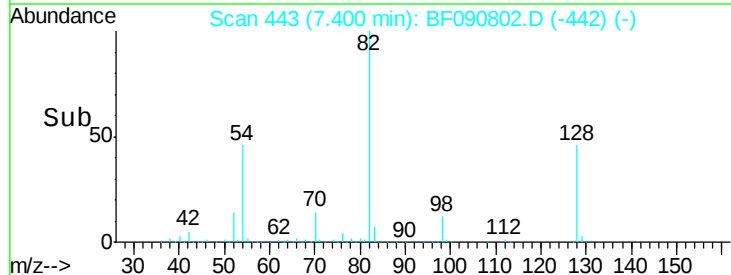
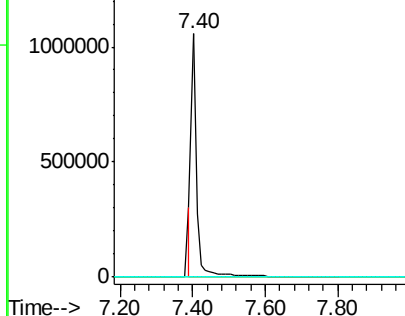


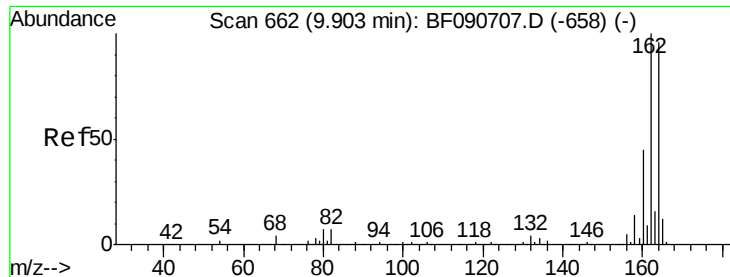
#25
Isophorone
Concen: 40.98 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.29 min
Lab File: BF090802.D
Acq: 24 Oct 2016 21:57

Tgt Ion: 82 Resp: 1064273
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

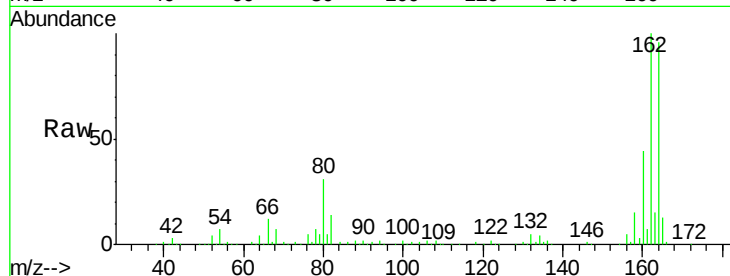




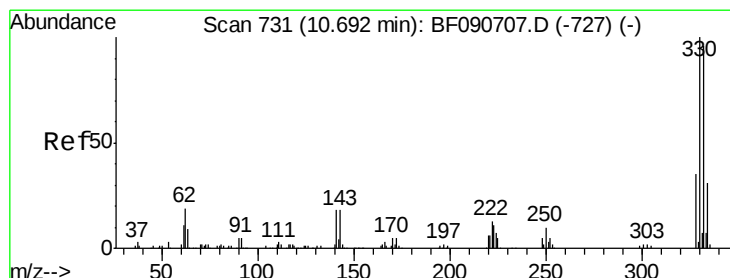
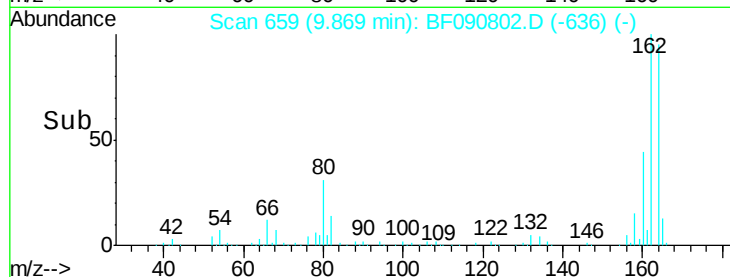
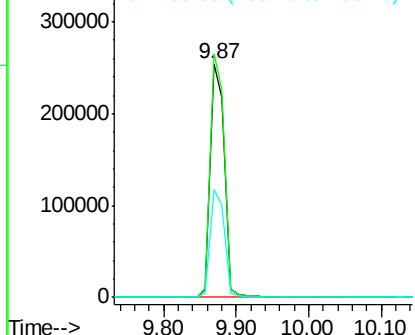
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Instrument :
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 ClientSampleId :
 BOTTOM-EAST-DIESEL

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

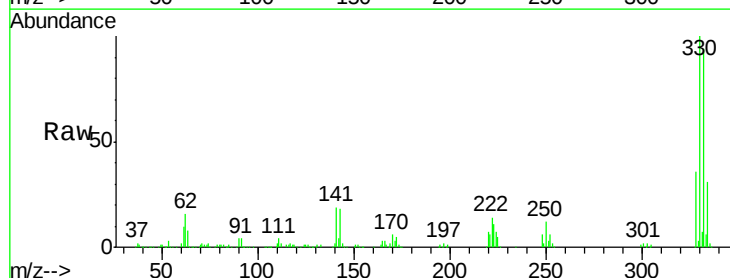


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

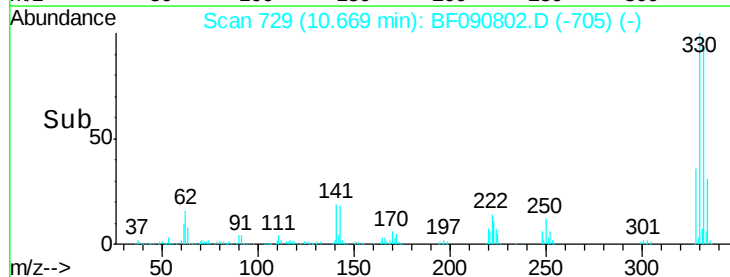
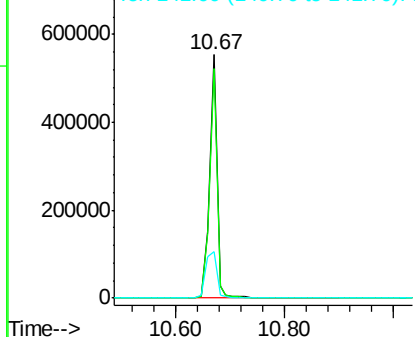


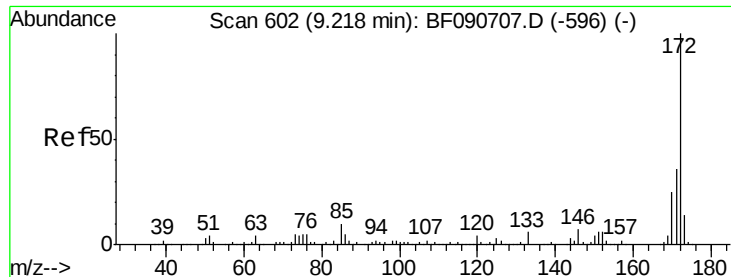
#41
 2,4,6-Tribromophenol
 Concen: 193.10 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Tgt Ion:330 Resp: 526868
 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

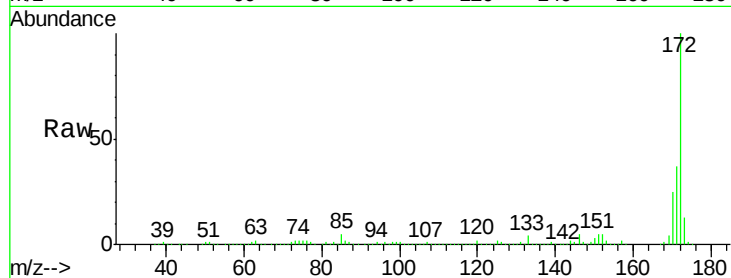




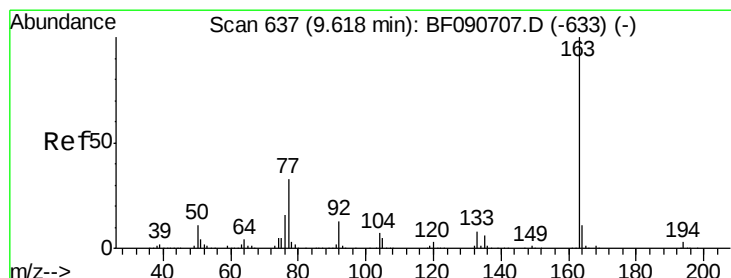
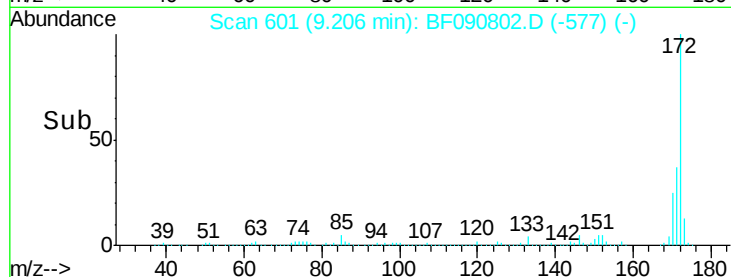
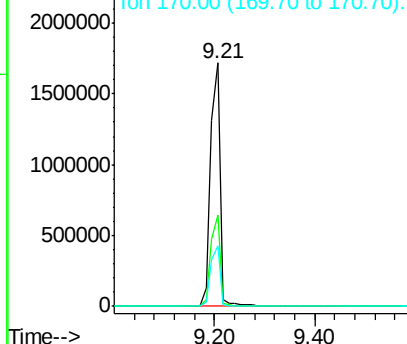
#44
 2-Fluorobiphenyl
 Concen: 103.23 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-DIESEL

Tgt Ion:172 Resp: 2292291
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 24.8 17.4 26.2

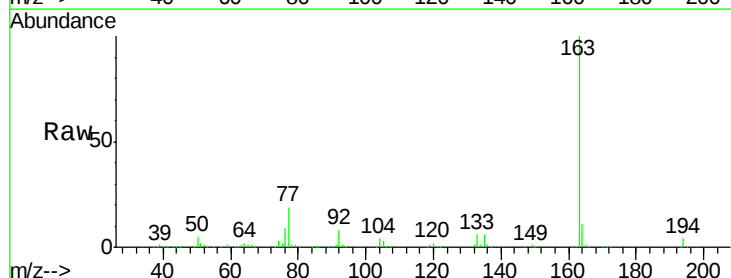


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

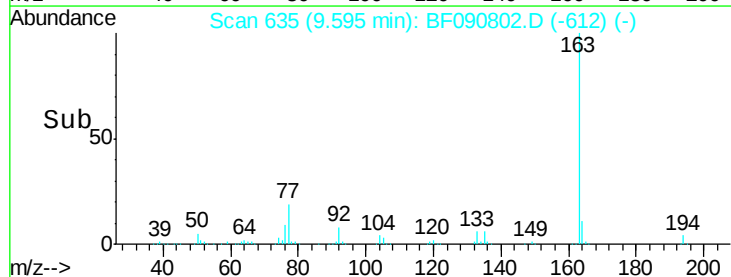
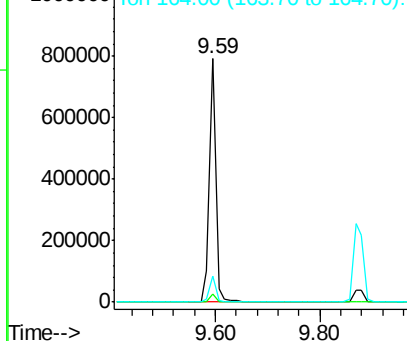


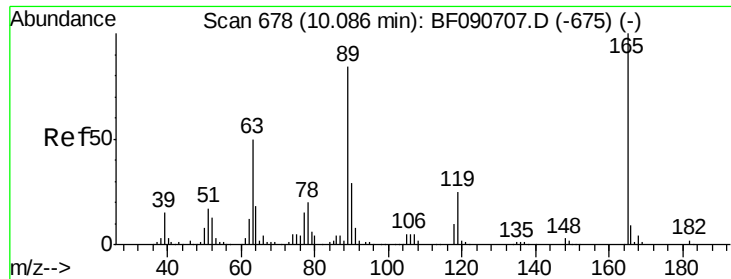
#49
 Dimethylphthalate
 Concen: 30.78 ng
 RT: 9.59 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Tgt 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

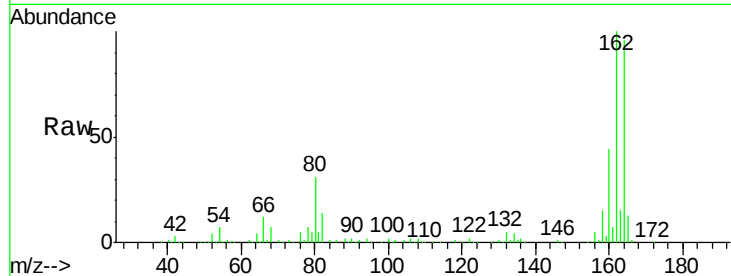




#56
 2,4-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.22 min
 Lab File: BF090802.D
 Acq: 24 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-EAST-DIESEL

Tgt Ion:	165	Resp:	43796
Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#

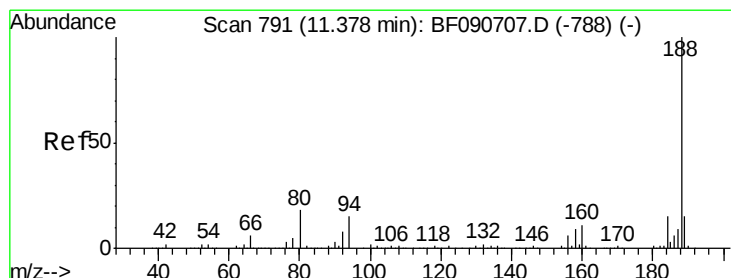
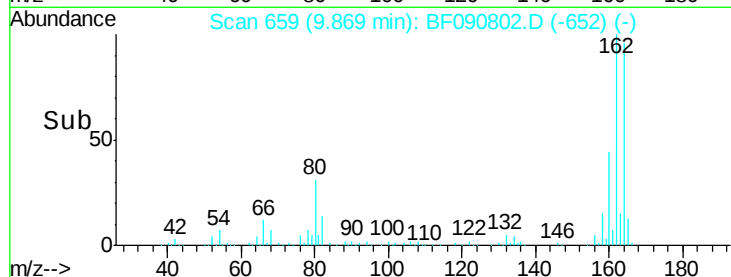
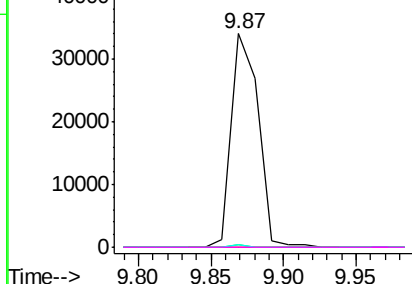


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

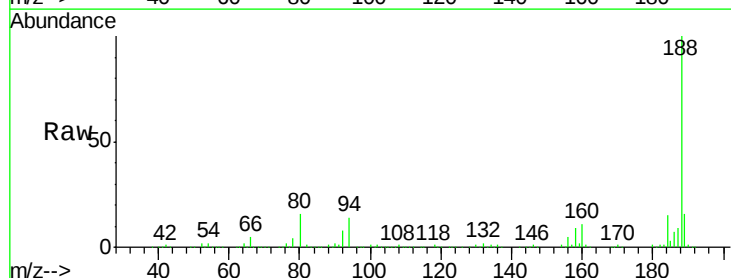
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

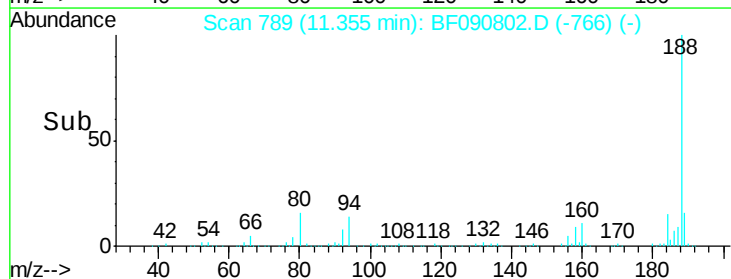
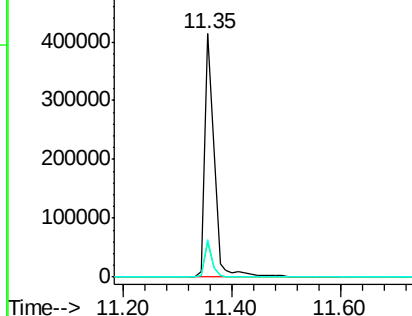
Tgt Ion:	188	Resp:	499134
Ion	Ratio	Lower	Upper
188	100		
94	14.3	11.1	16.7
80	15.7	11.0	16.4

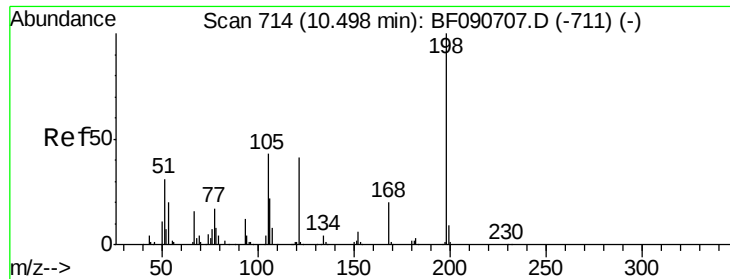


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.48 ng

RT: 10.67 min Scan# 729

Delta R.T. 0.17 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

BOTTOM-EAST-DIESEL

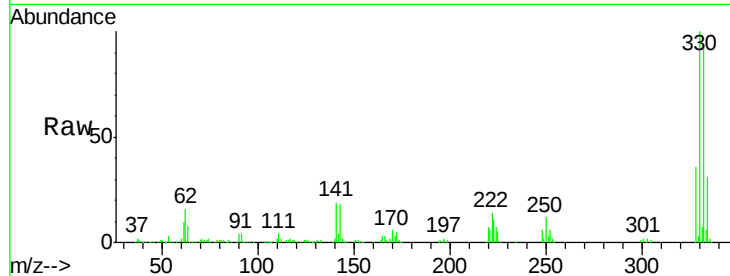
Tgt Ion:198 Resp: 1039

Ion Ratio Lower Upper

198 100

51 79.6 39.6 79.6#

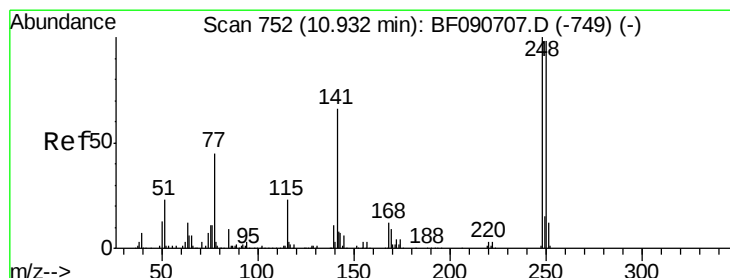
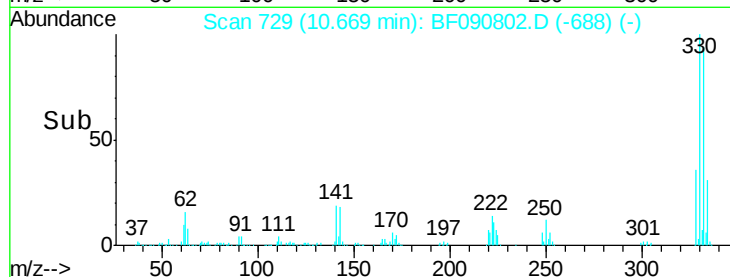
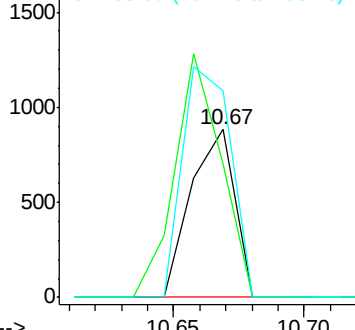
105 122.9 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 7.22 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.26 min

Lab File: BF090802.D

Acq: 24 Oct 2016 21:57

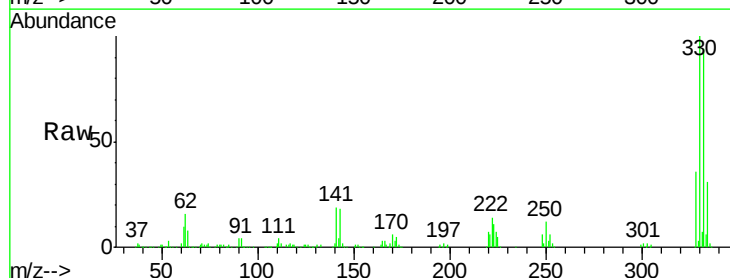
Tgt Ion:248 Resp: 34950

Ion Ratio Lower Upper

248 100

250 195.1 78.5 117.7#

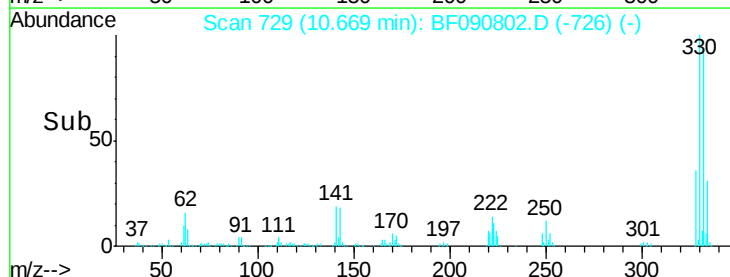
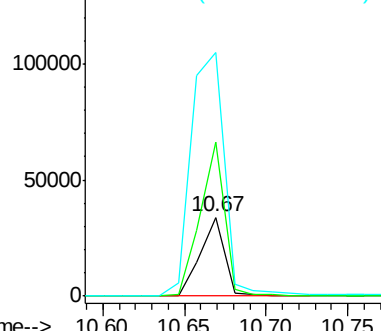
141 308.9 59.0 88.6#

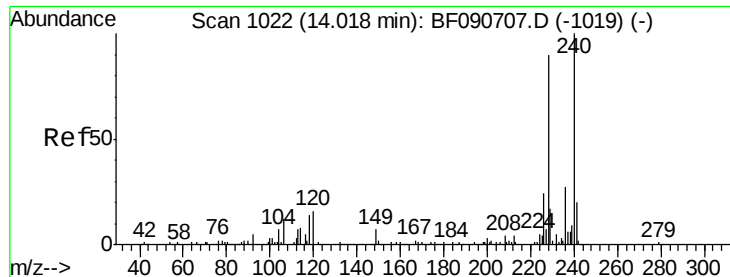


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

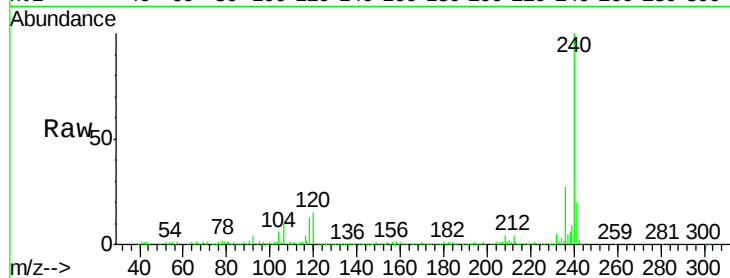
Tgt Ion:240 Resp: 363106

Ion Ratio Lower Upper

240 100

120 14.6 16.2 24.2#

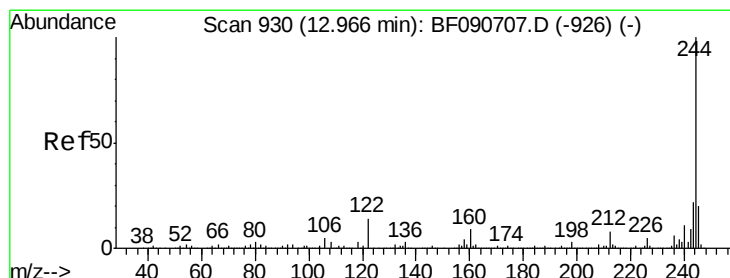
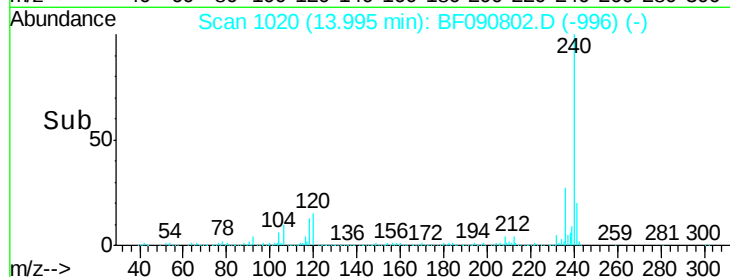
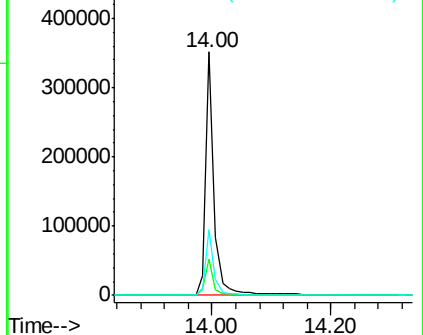
236 26.8 18.4 27.6



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

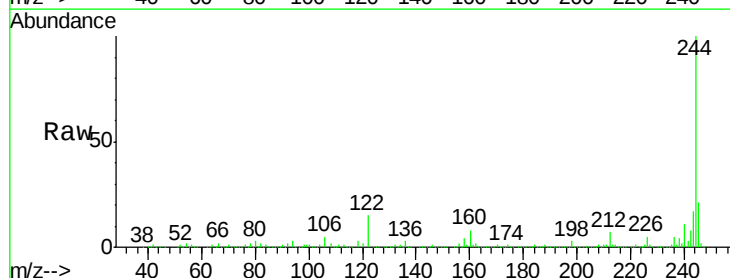
Tgt Ion:244 Resp: 1828724

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

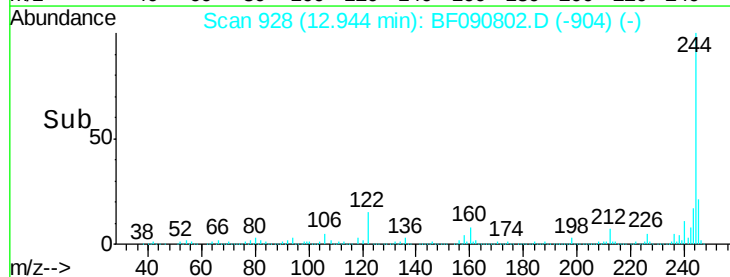
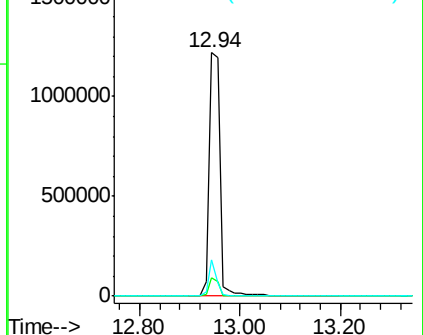
122 14.9 17.4 26.2#

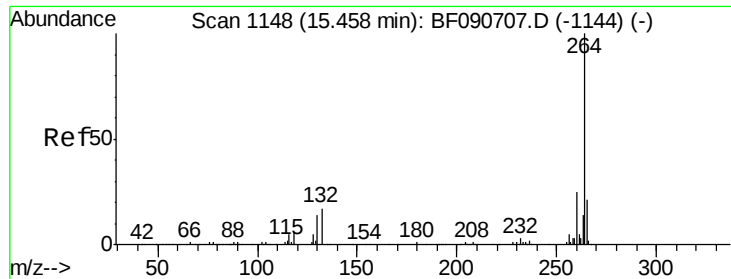


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

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

