

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090801.D
 Acq On : 24 Oct 2016 21:30
 Operator : UM/SJ
 Sample : H5393-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-DIESEL

Manual Integrations
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Quant Time: Oct 25 14:02:52 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	172621	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	715136	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	318986	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	465111	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	364386	20.00	ng	-0.02
86) Perylene-d12	15.44	264	308131	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1120531	104.69	ng	-0.02
7) Phenol-d6	6.47	99	1562874	107.80	ng	-0.02
23) Nitrobenzene-d5	7.40	82	906973	69.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	326835	129.45	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1466141	71.35	ng	-0.03
78) Terphenyl-d14	12.94	244	1121278	70.52	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.59	163	418092	20.86	ng	Qvalue # 98
74) Fluoranthene	12.57	202	64293	2.80	ng	94
77) Pyrene	12.80	202	60870	2.39	ng	95
87) Benzo(b)fluoranthene	15.02	252	46073m	2.43	ng	

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

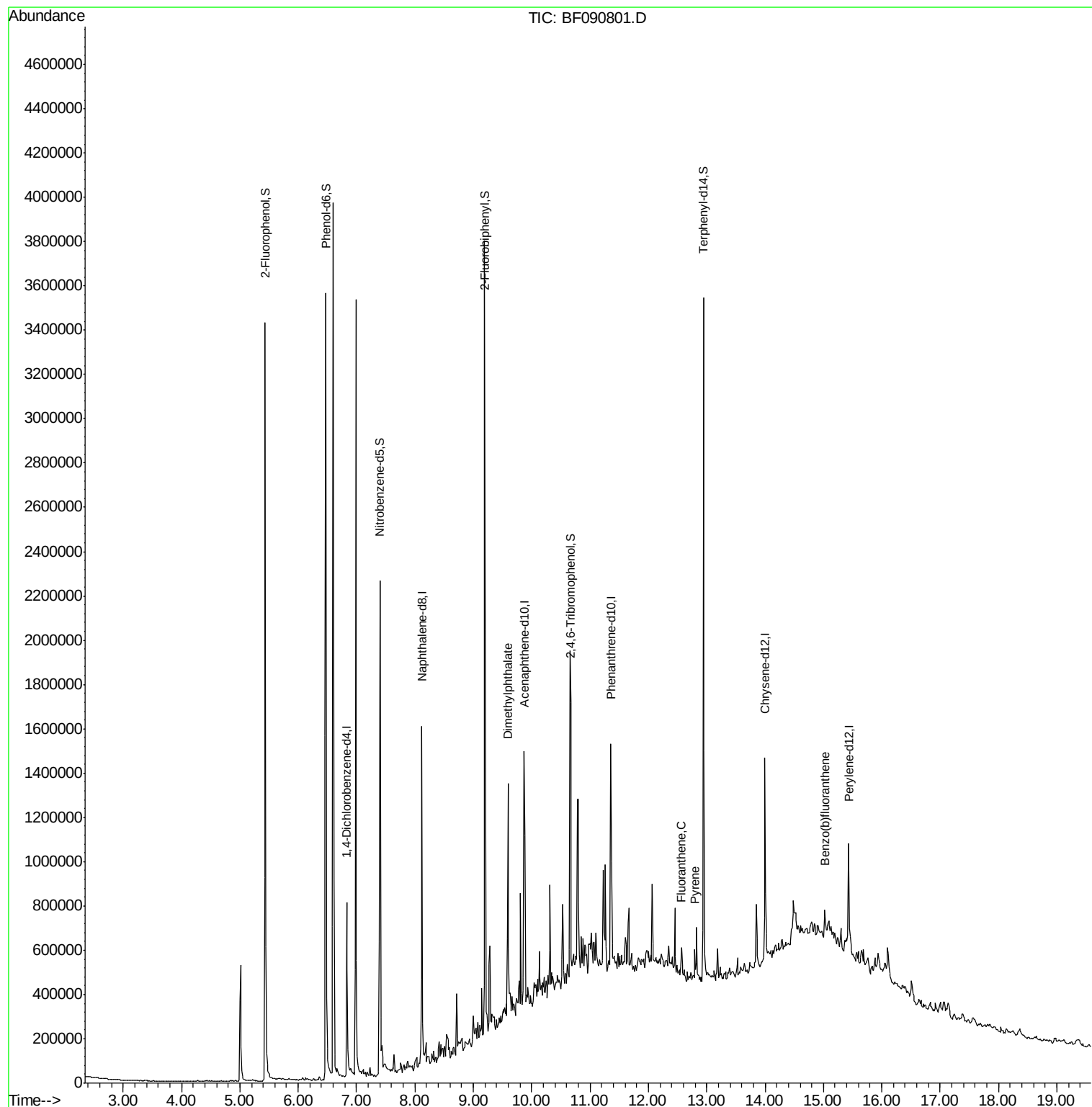
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090801.D
Acq On : 24 Oct 2016 21:30
Operator : UM/SJ
Sample : H5393-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

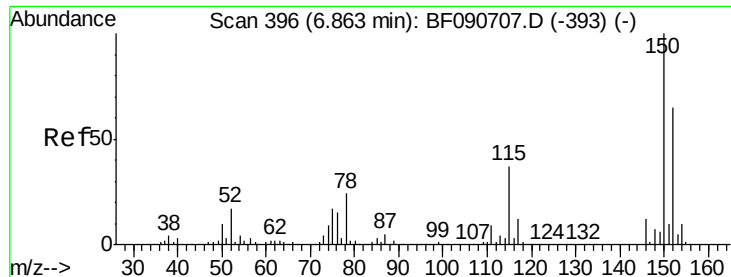
Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-DIESEL

Quant Time: Oct 25 14:02:52 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

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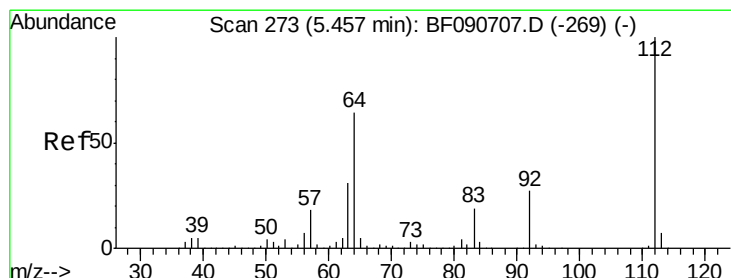
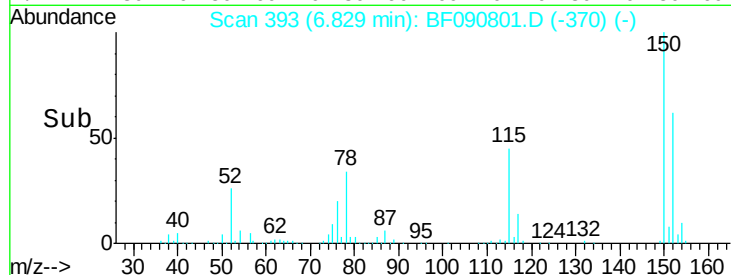
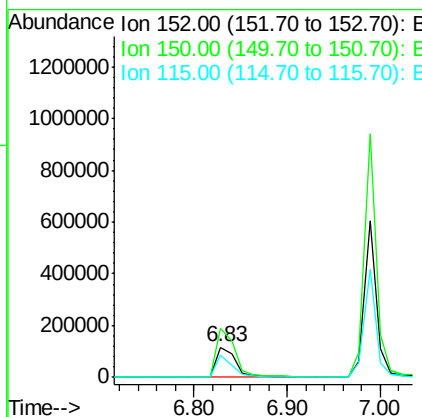
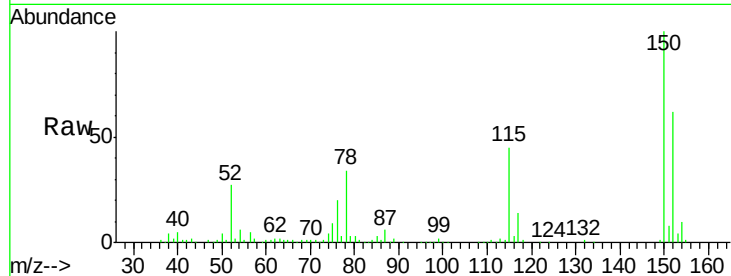
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 393
 Delta R.T. -0.03 min
 Lab File: BF090801.D
 Acq: 24 Oct 2016 21:30

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-DIESEL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.7	187.1
115	72.8	39.0	58.4

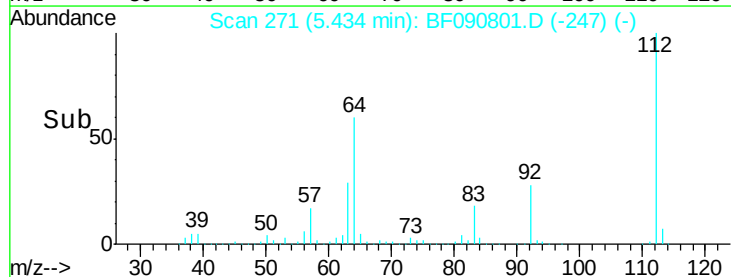
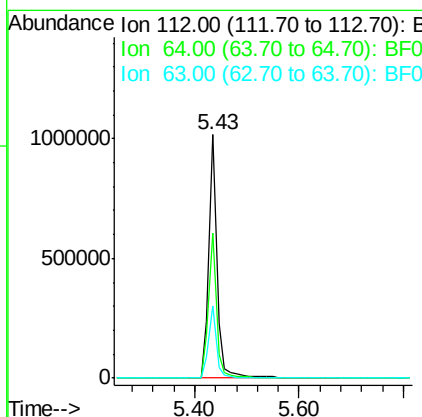
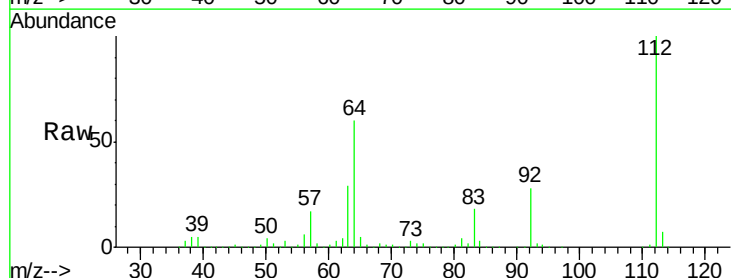
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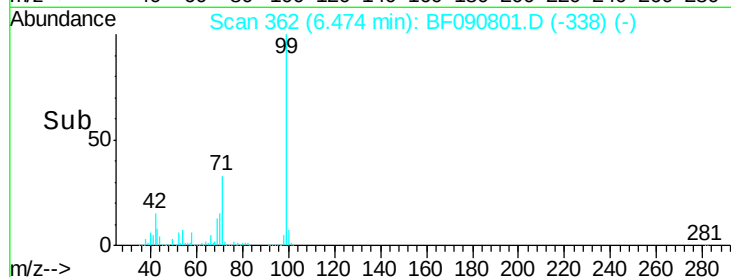
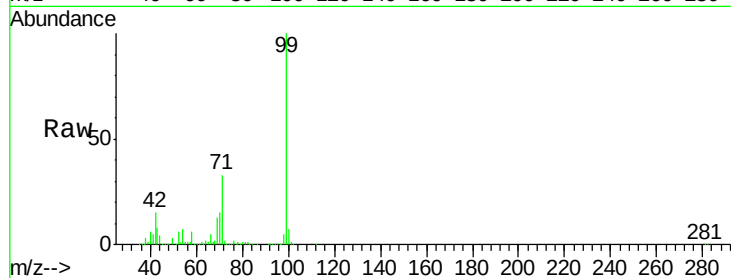
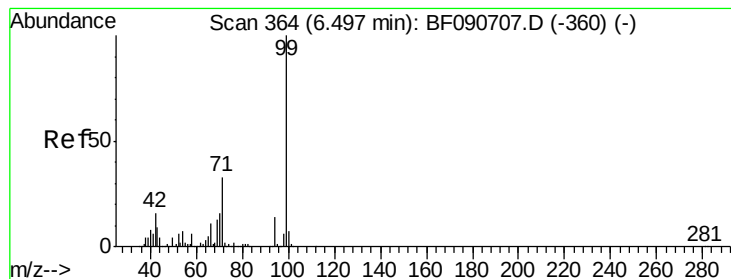
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#5
 2-Fluorophenol
 Concen: 104.69 ng
 RT: 5.43 min Scan# 271
 Delta R.T. -0.02 min
 Lab File: BF090801.D
 Acq: 24 Oct 2016 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	39.7	59.5
63	29.4	17.4	26.0





#7

Phenol-d6

Concen: 107.80 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090801.D

Acq: 24 Oct 2016 21:30

Tot Ion: 99 Resp: 1562874

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 32.5 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

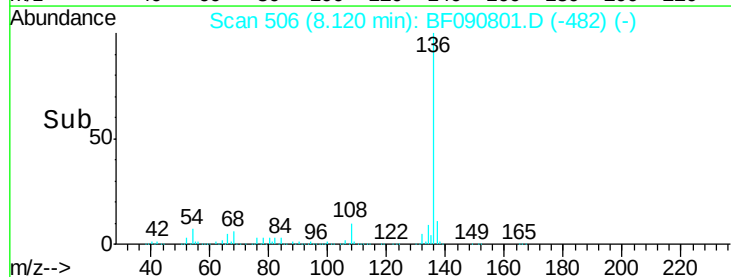
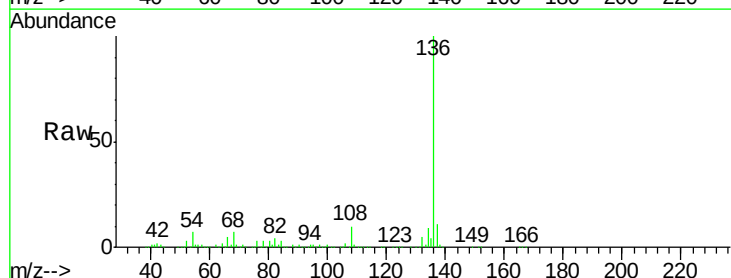
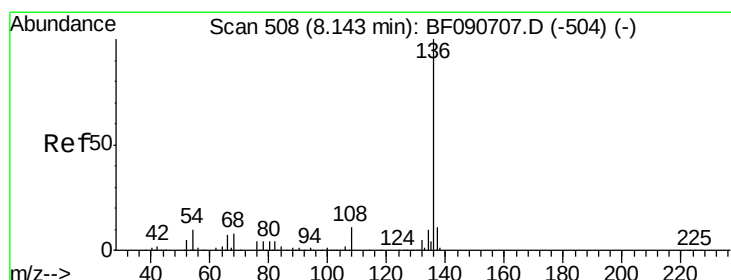
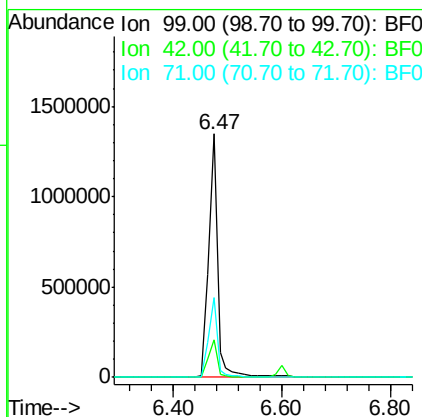
BOTTOM-WEST-DIESEL

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090801.D

Acq: 24 Oct 2016 21:30

Tgt Ion: 136 Resp: 715136

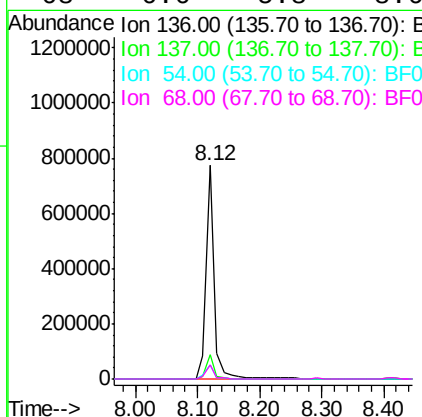
Ion Ratio Lower Upper

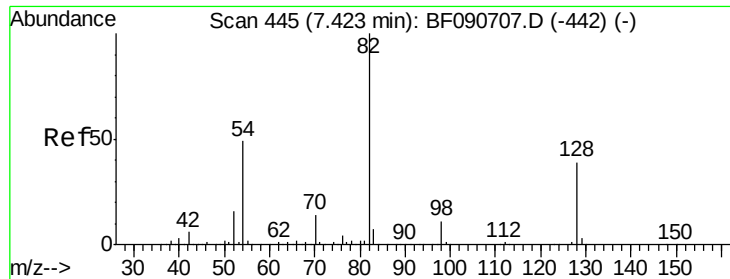
136 100

137 11.1 9.0 13.6

54 6.8 8.2 12.2#

68 6.6 5.8 8.6





#23

Nitrobenzene-d5

Concen: 69.56 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090801.D

Acq: 24 Oct 2016 21:30

Instrument :

BNA_F

ClientSampleId :

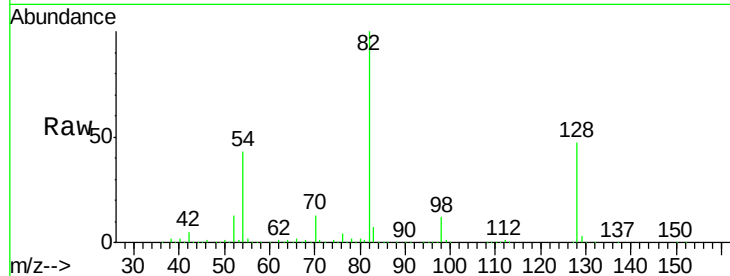
BOTTOM-WEST-DIESEL

Tot Ion: 82 Resp: 906973

Ion	Ratio	Lower	Upper
82	100		
128	47.1	51.0	76.6#
54	43.2	47.5	71.3#

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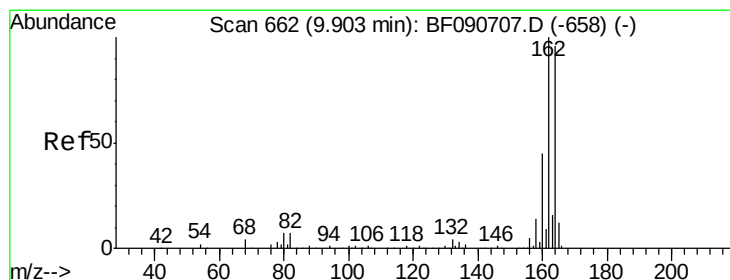
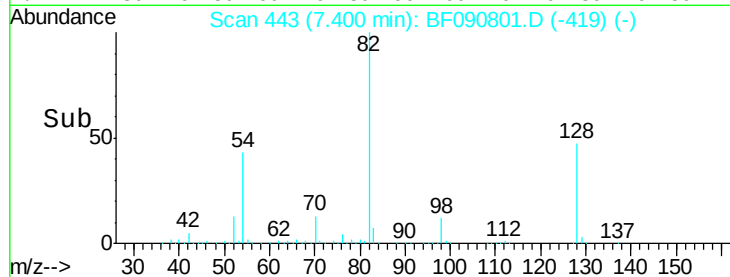
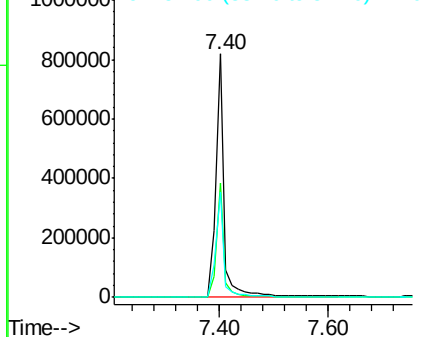
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 659

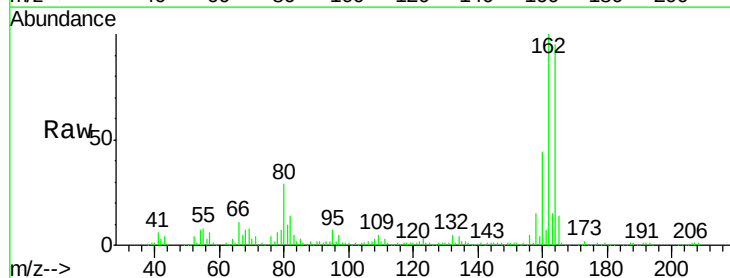
Delta R.T. -0.03 min

Lab File: BF090801.D

Acq: 24 Oct 2016 21:30

Tgt Ion:164 Resp: 318986

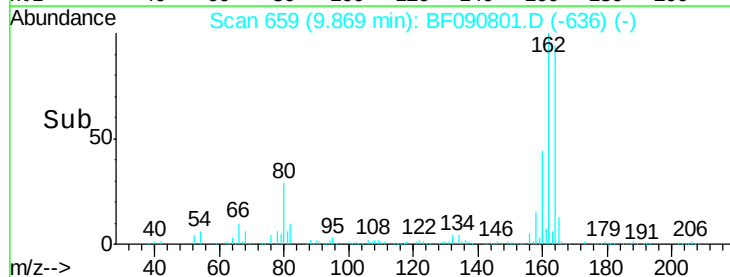
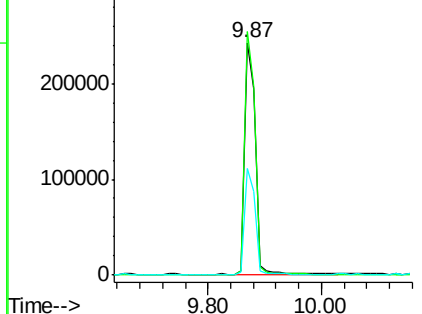
Ion	Ratio	Lower	Upper
164	100		
162	104.9	75.2	112.8
160	46.2	31.5	47.3

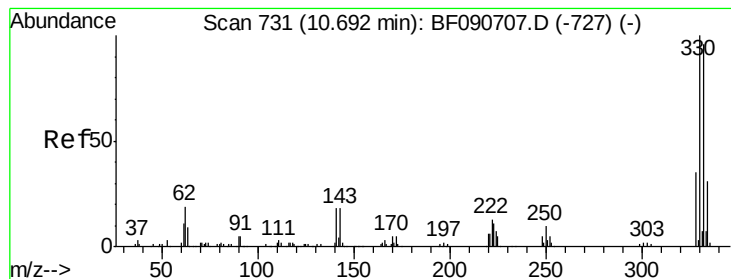


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





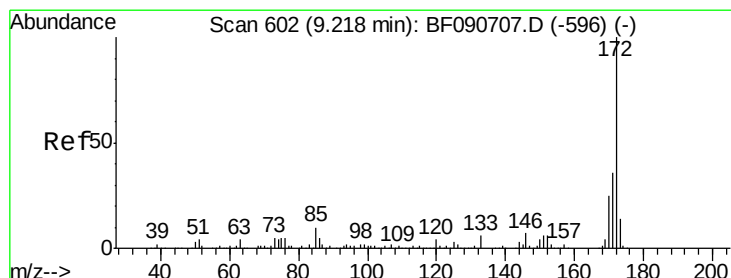
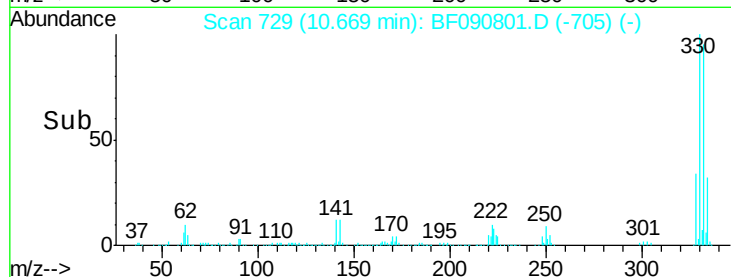
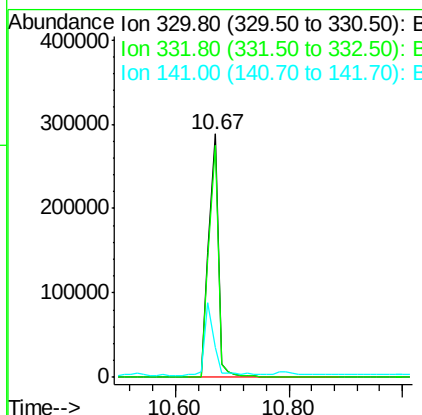
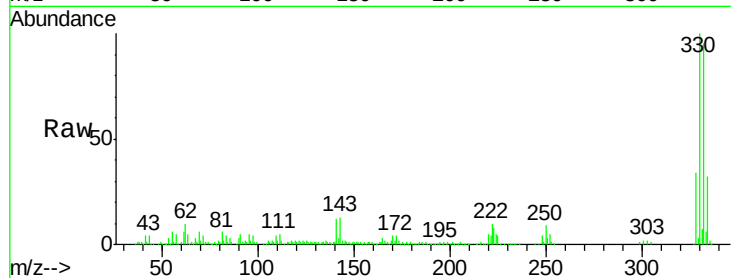
#41
 2,4,6-Tribromophenol
 Concen: 129.45 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090801.D
 Acq: 24 Oct 2016 21:30

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-WEST-DIESEL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	114.8	
141	29.4	29.7	44.5	

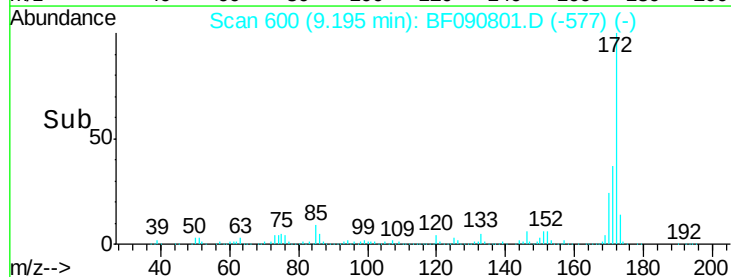
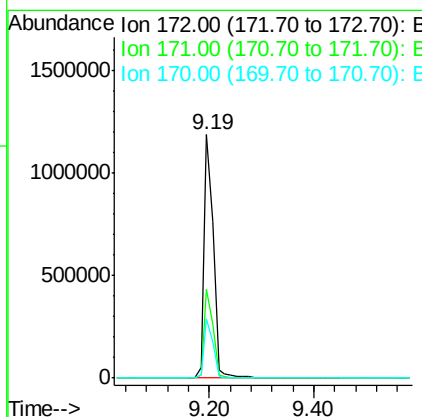
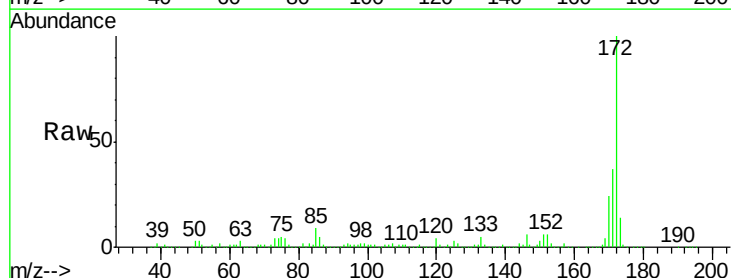
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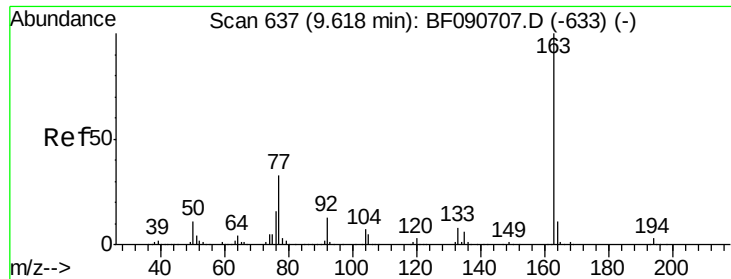
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#44
 2-Fluorobiphenyl
 Concen: 71.35 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090801.D
 Acq: 24 Oct 2016 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	26.1	39.1	
170	24.4	17.4	26.2	





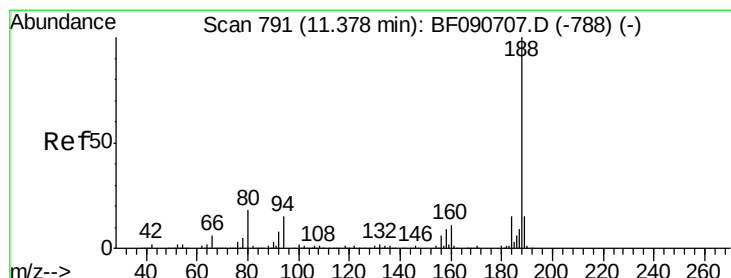
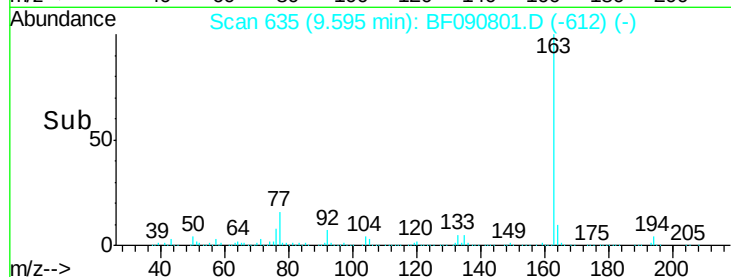
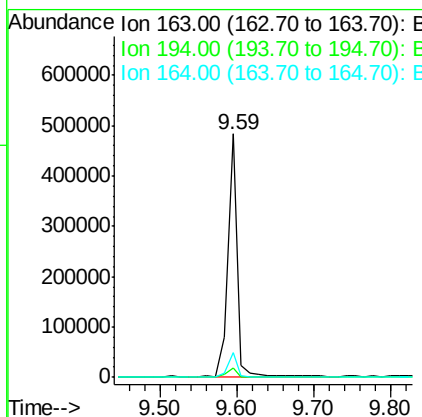
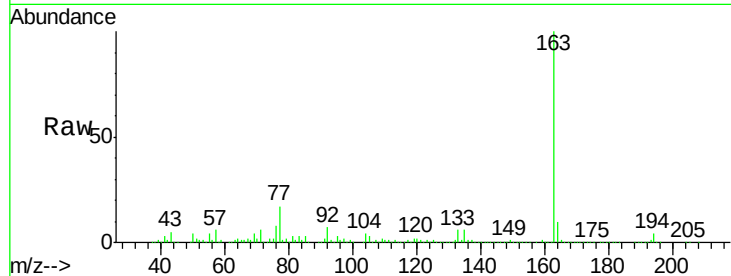
#49
Dimethylphthalate
Concen: 20.86 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF090801.D
Acq: 24 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-DIESEL

Tot Ion:163 Resp: 418092
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 10.2 8.3 12.5

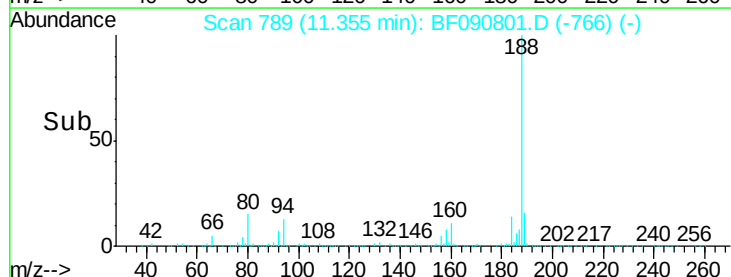
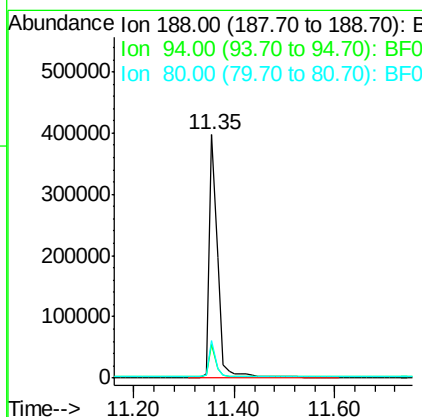
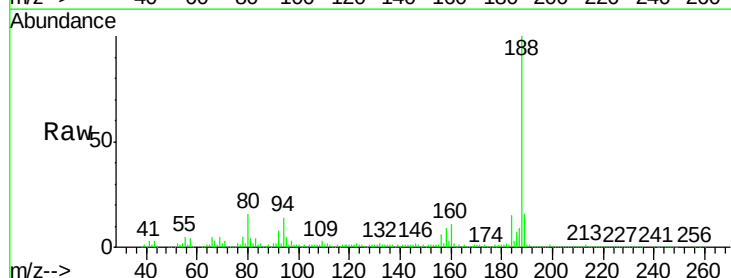
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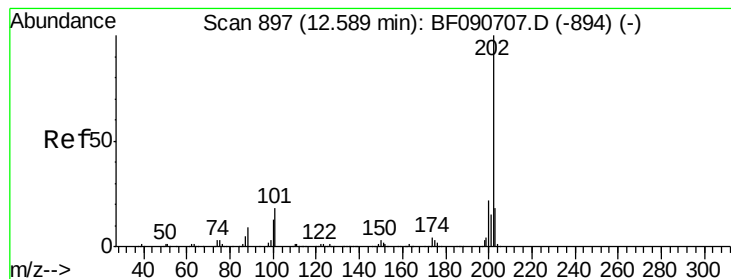
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090801.D
Acq: 24 Oct 2016 21:30

Tgt Ion:188 Resp: 465111
Ion Ratio Lower Upper
188 100
94 13.8 11.1 16.7
80 15.6 11.0 16.4





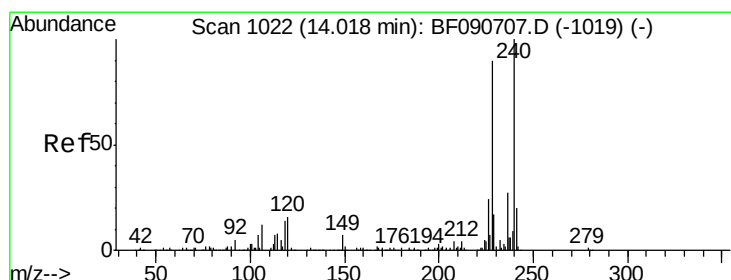
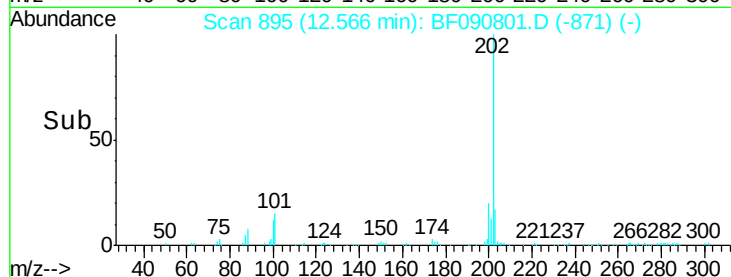
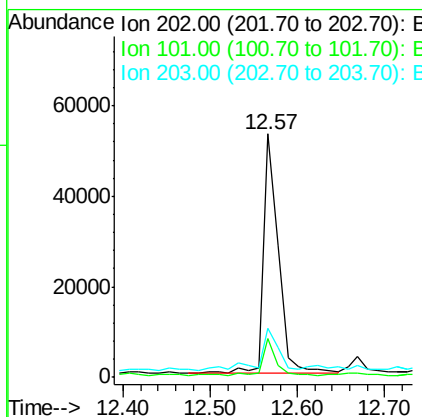
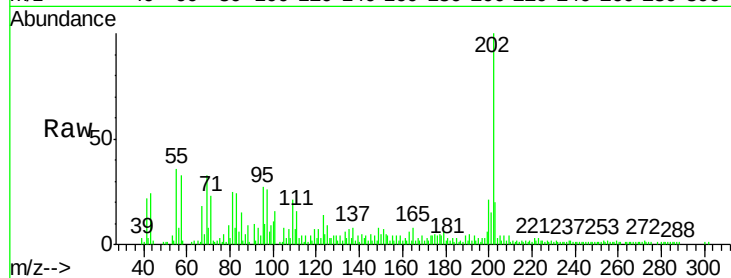
#74
Fluoranthene
Concen: 2.80 ng
RT: 12.57 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF090801.D
Acq: 24 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-DIESEL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	38.3
203	20.1	0.0	37.3

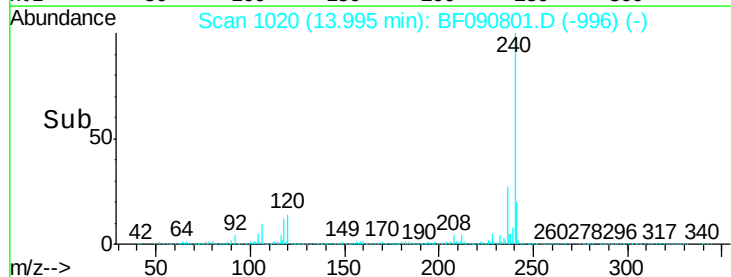
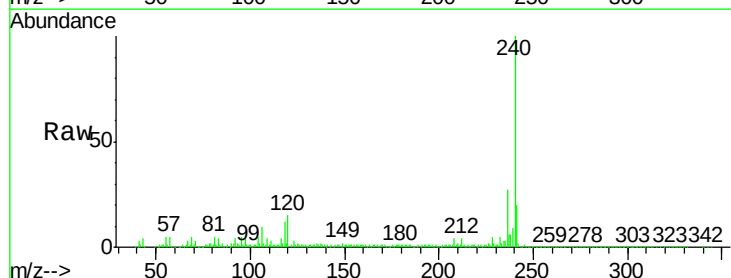
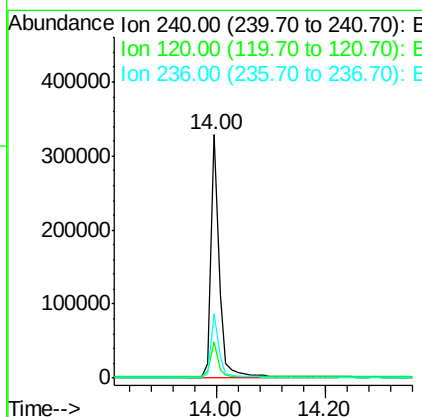
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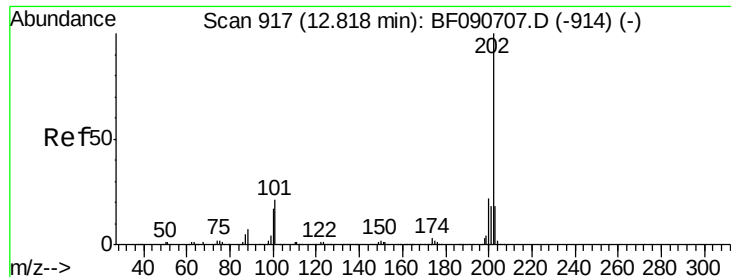
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090801.D
Acq: 24 Oct 2016 21:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	16.2	24.2#
236	26.7	18.4	27.6





#77

Pvrene

Concen: 2.39 ng

RT: 12.80 min Scan# 915

Delta R.T. -0.03 min

Lab File: BF090801.D

Acq: 24 Oct 2016 21:30

Instrument :

BNA_F

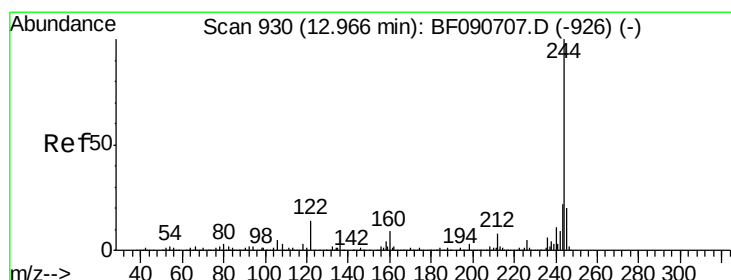
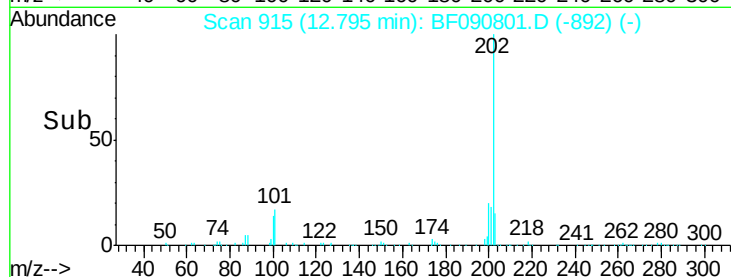
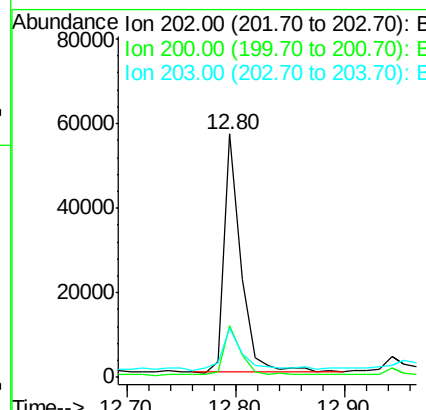
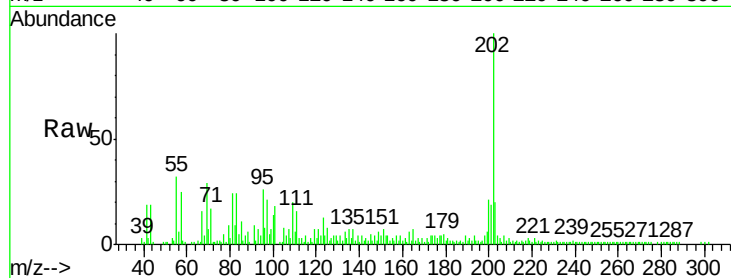
ClientSampleId :

BOTTOM-WEST-DIESEL

Tot Ion:	202	Resp:	60870
Ion Ratio		Lower	Upper
202	100		
200	21.2	15.0	22.4
203	20.0	14.1	21.1

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#78

Terphenyl-d14

Concen: 70.52 ng

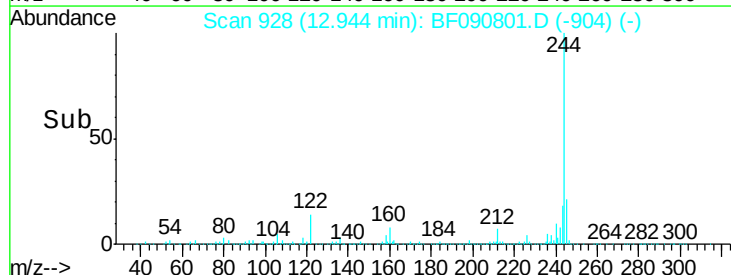
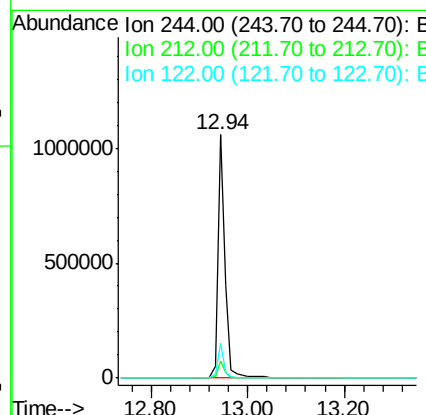
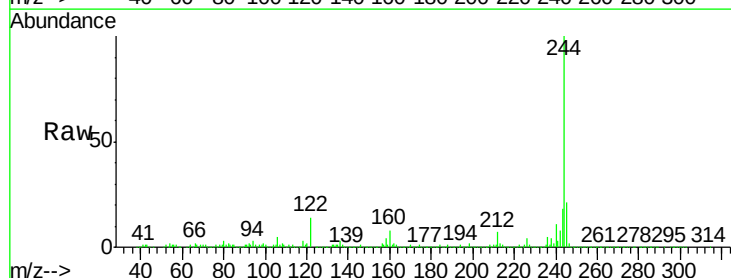
RT: 12.94 min Scan# 928

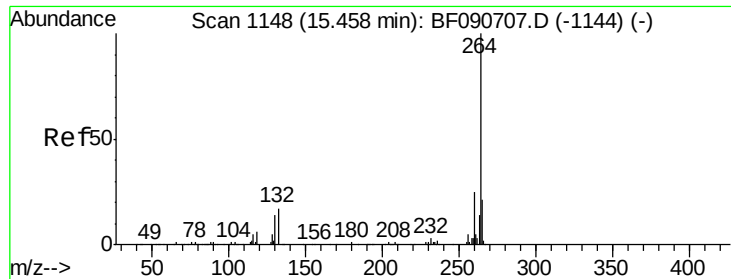
Delta R.T. -0.02 min

Lab File: BF090801.D

Acq: 24 Oct 2016 21:30

Tgt Ion:	244	Resp:	1121278
Ion Ratio		Lower	Upper
244	100		
212	7.0	4.3	6.5#
122	14.4	17.4	26.2#





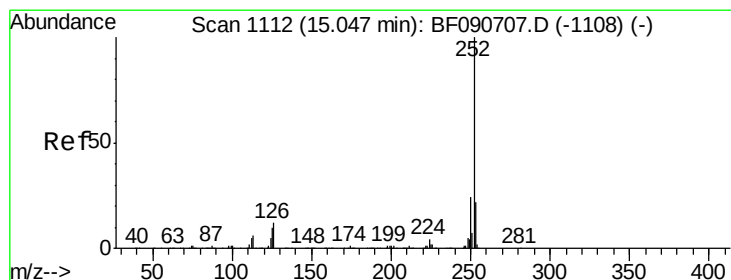
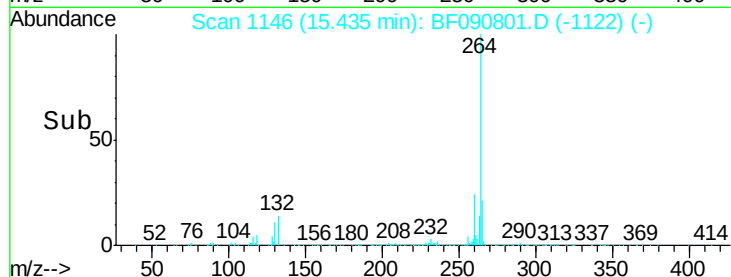
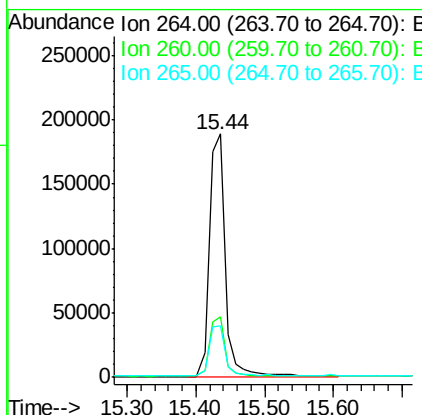
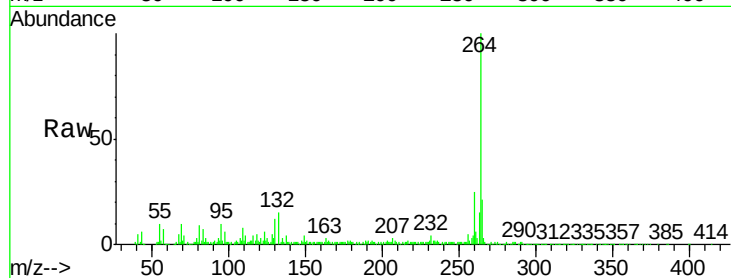
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF090801.D
Acq: 24 Oct 2016 21:30

Instrument :
BNA_F
ClientSampleId :
BOTTOM-WEST-DIESEL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.3	17.2	25.8

Manual Integrations
APPROVED

sohil
10/25/2016 4:23:55 PM



#87
Benzo(b)fluoranthene
Concen: 2.43 ng m
RT: 15.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF090801.D
Acq: 24 Oct 2016 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	31.5	17.1	25.7#

