Quantitation Report (Not Reviewed)

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 01:00:16 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						Qvalue
15) Benzyl Alcohol	6.99	79	21361	2.13	ng	# 31
19) n-Nitroso-di-n-propylamine	7.40	70	165385	15.04	ng	# 53
25) Isophorone	7.40	82	978566	36.74	ng	# 59
32) Benzoic acid	8.12	122	215	7.57	ng	# 1
49) Dimethylphthalate	9.59	163	551216	24.81	ng	# 98
55) 4-Nitrophenol	10.09	139	481	6.07	ng	# 1
56) 2,4-Dinitrotoluene	9.87	165	46225	7.92	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.67	198	986	4.46	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	31323	6.42	ng	# 1

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

Quantitation Report (Not Reviewed)

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 01:00:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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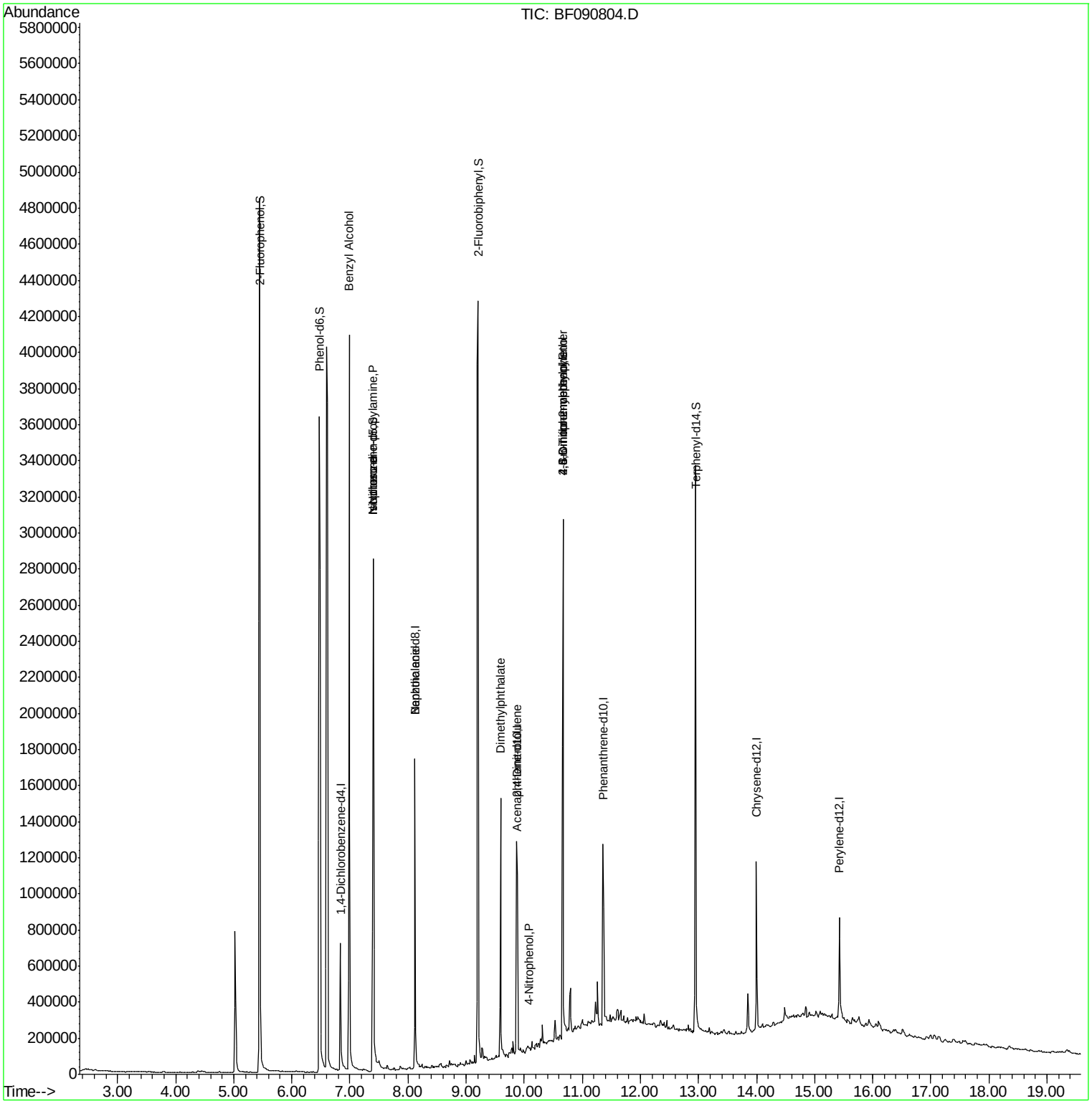
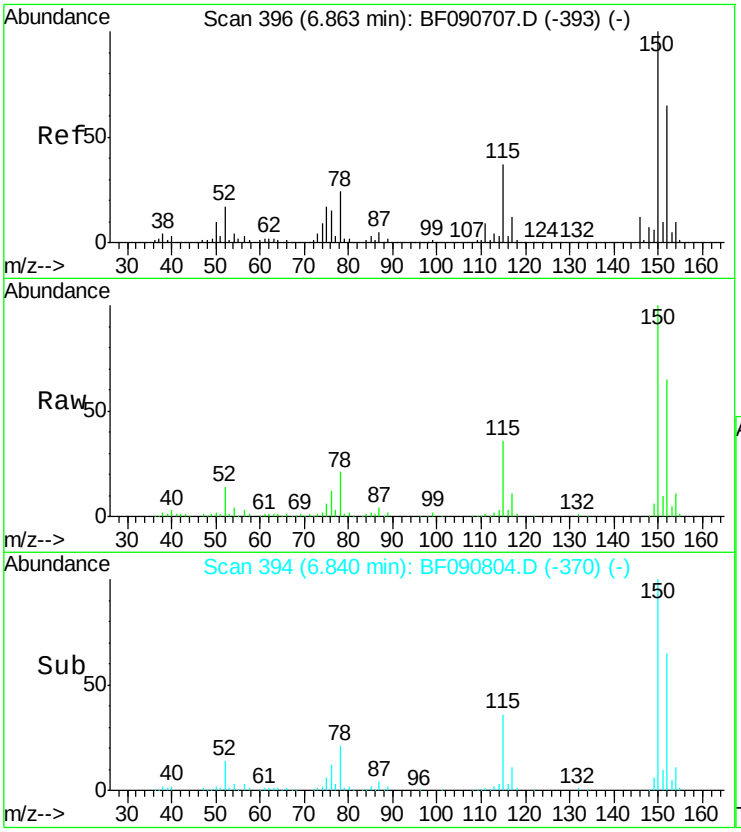


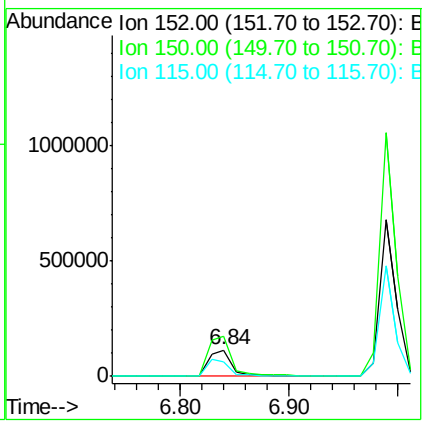


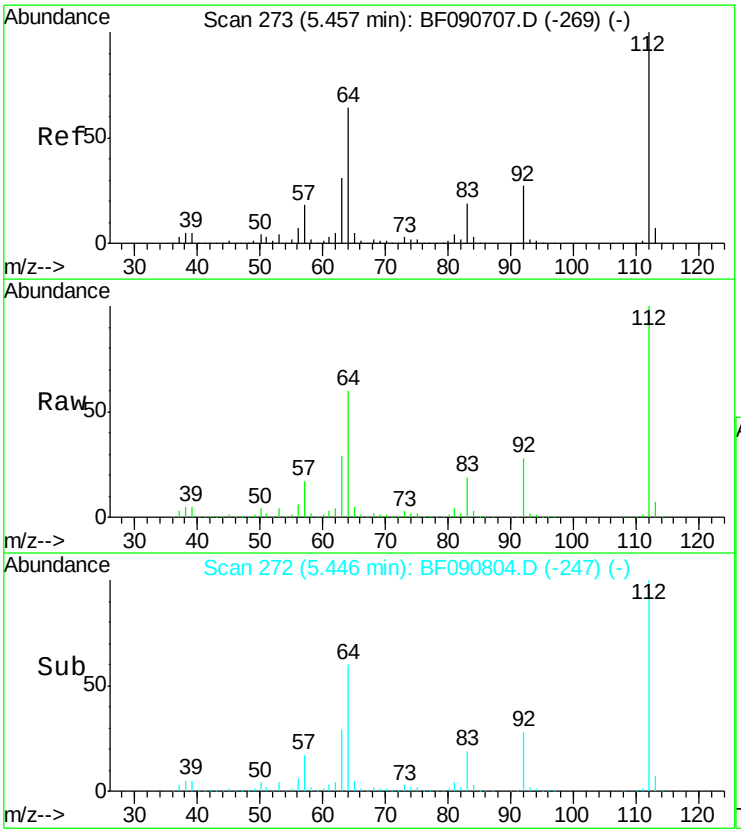
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:152 Resp: 175852

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.7	187.1
115	55.0	39.0	58.4

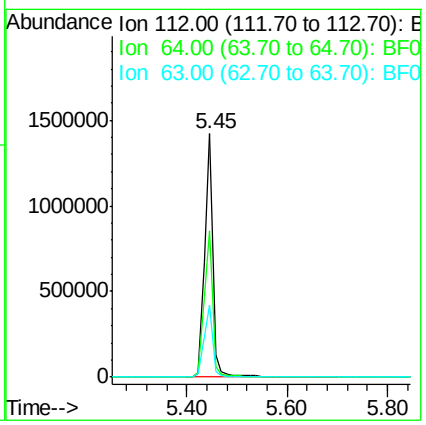


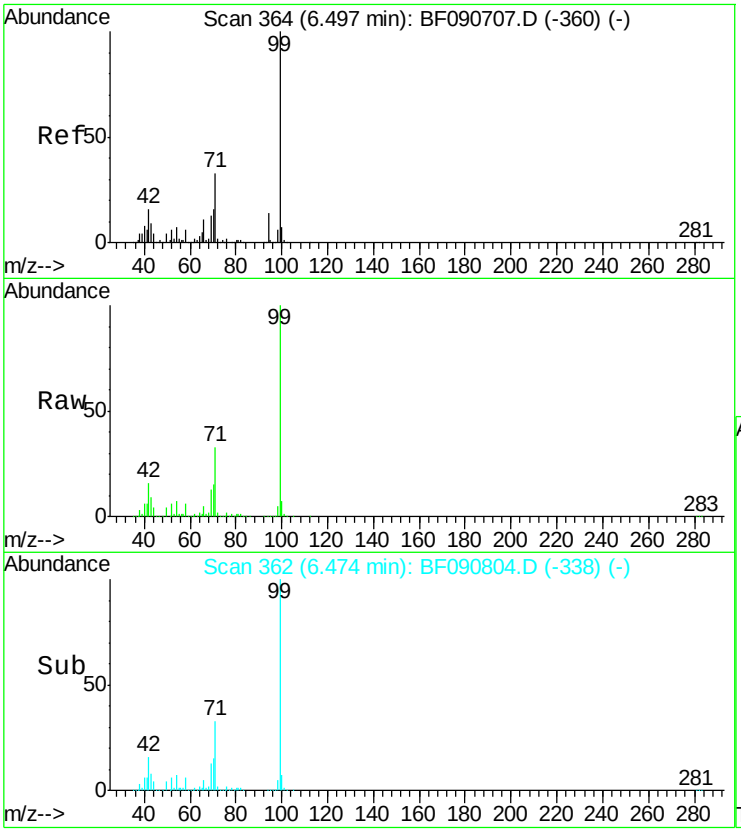


#5
2-Fluorophenol
Concen: 150.24 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

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#



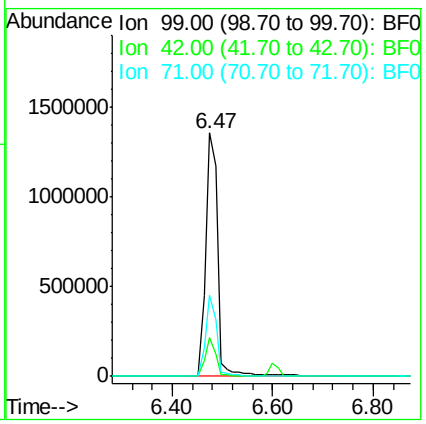


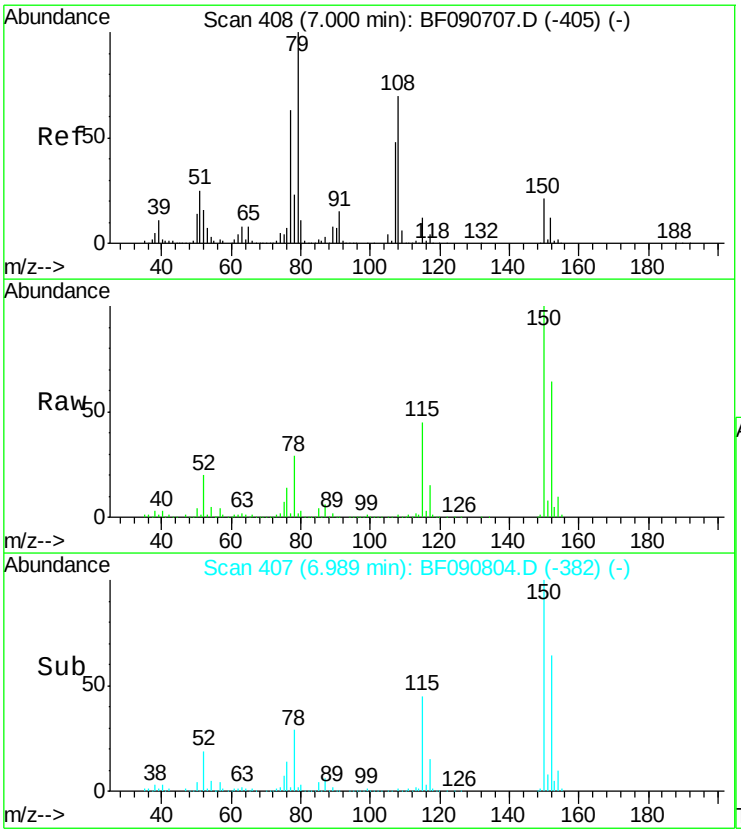
#7
Phenol-d6
Concen: 151.71 ng
RT: 6.47 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion: 99 Resp: 2240663

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	33.1	14.2	21.2#

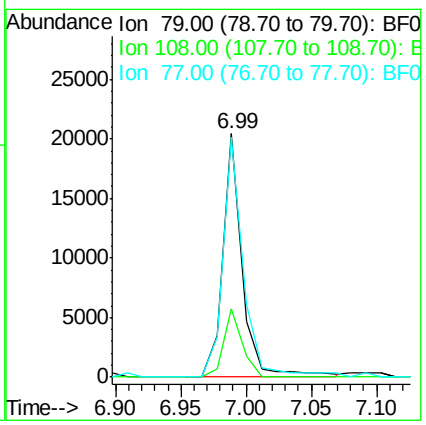


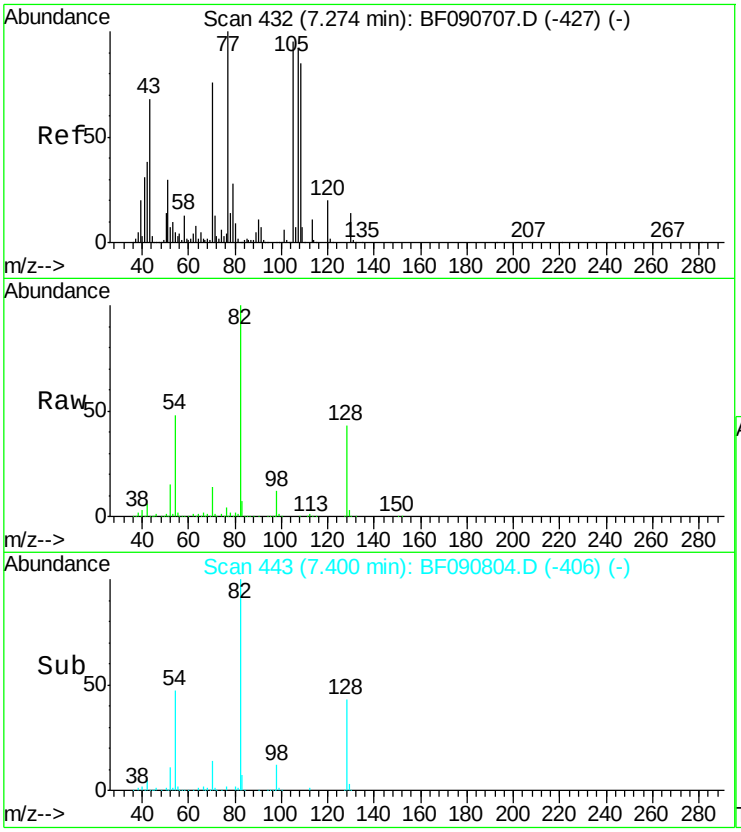


#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Tgt Ion: 79 Resp: 21361

Ion	Ratio	Lower	Upper
79	100		
108	28.0	88.6	132.8#
77	98.5	47.0	70.4#



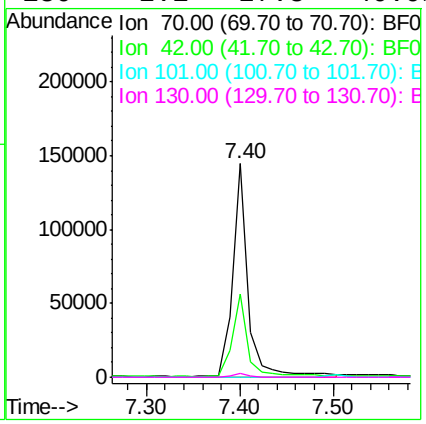


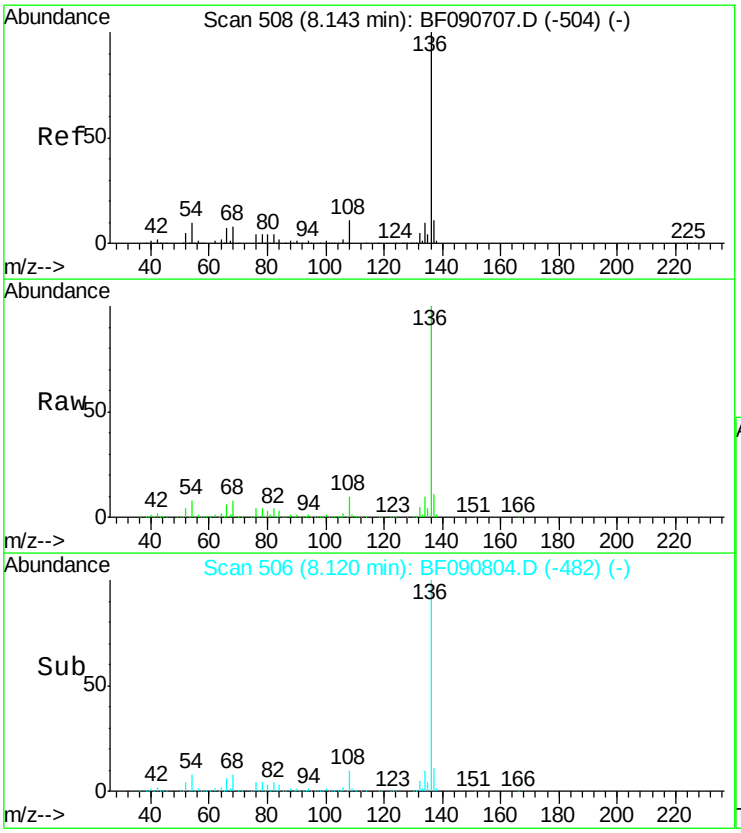
#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion: 70 Resp: 165385

Ion	Ratio	Lower	Upper
70	100		
42	39.0	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#

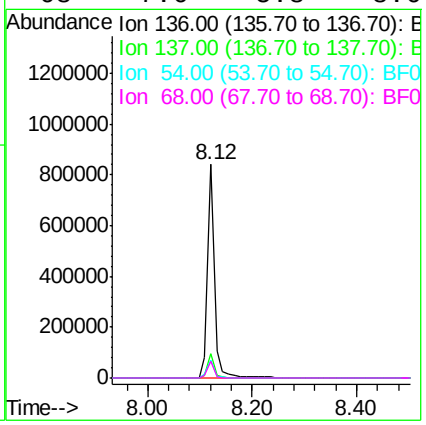


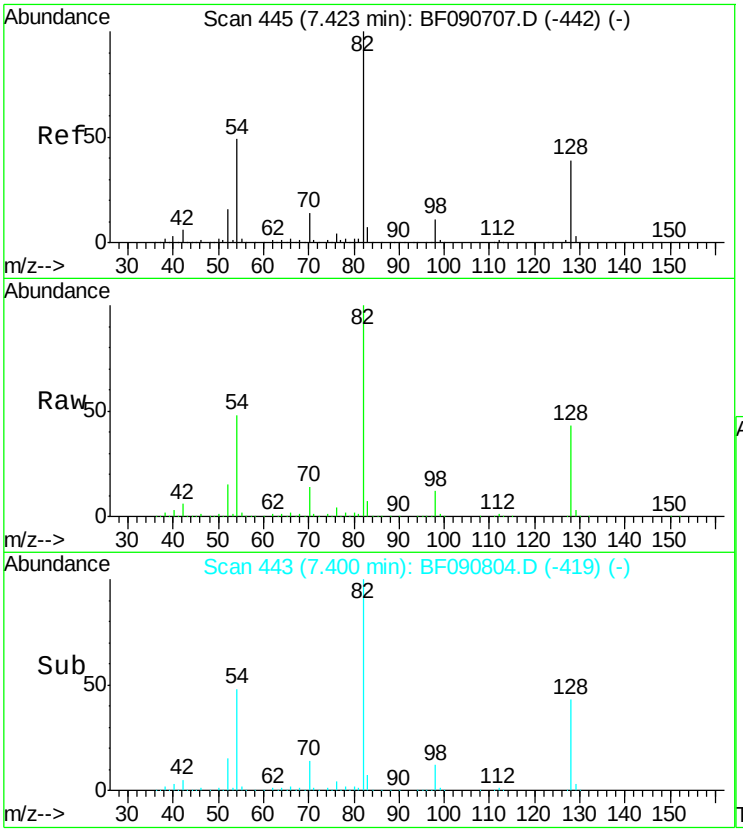


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

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



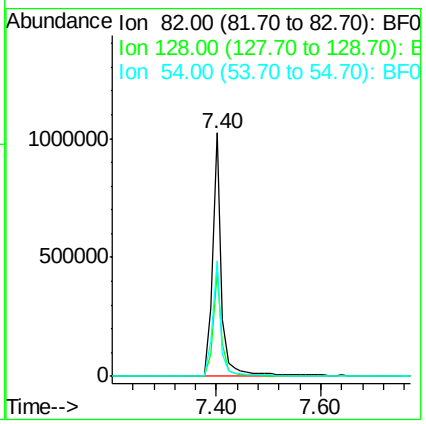


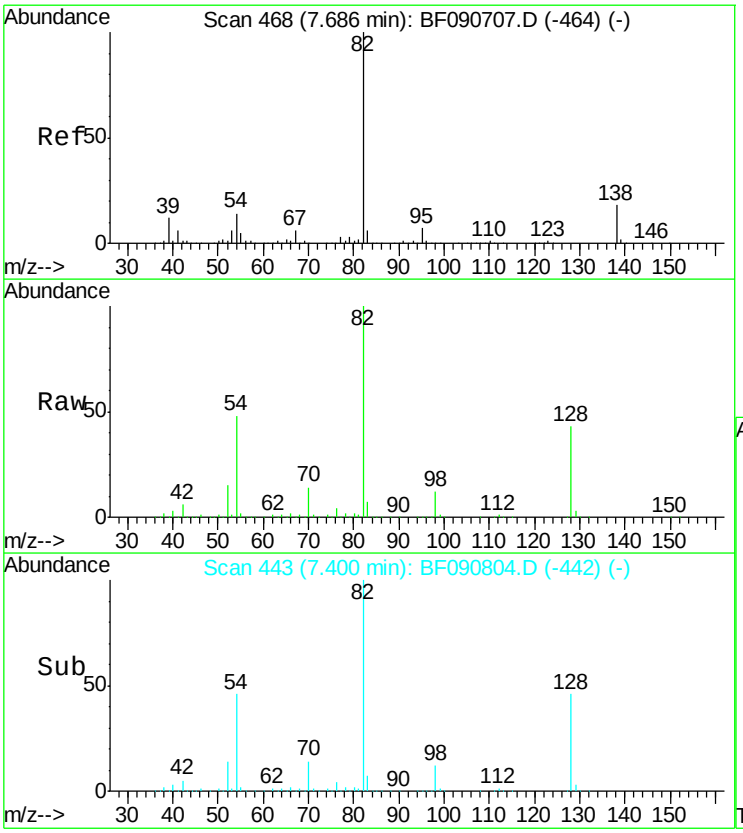
#23
Nitrobenzene-d5
Concen: 87.73 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion: 82 Resp: 1234390

Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	47.6	47.5	71.3

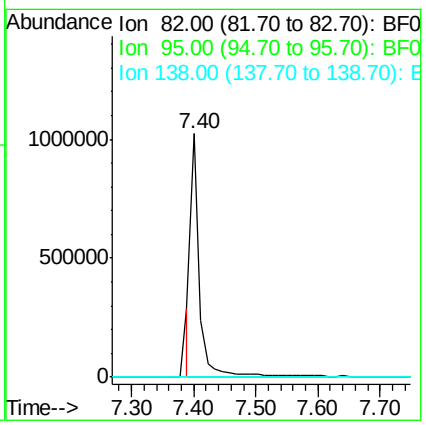


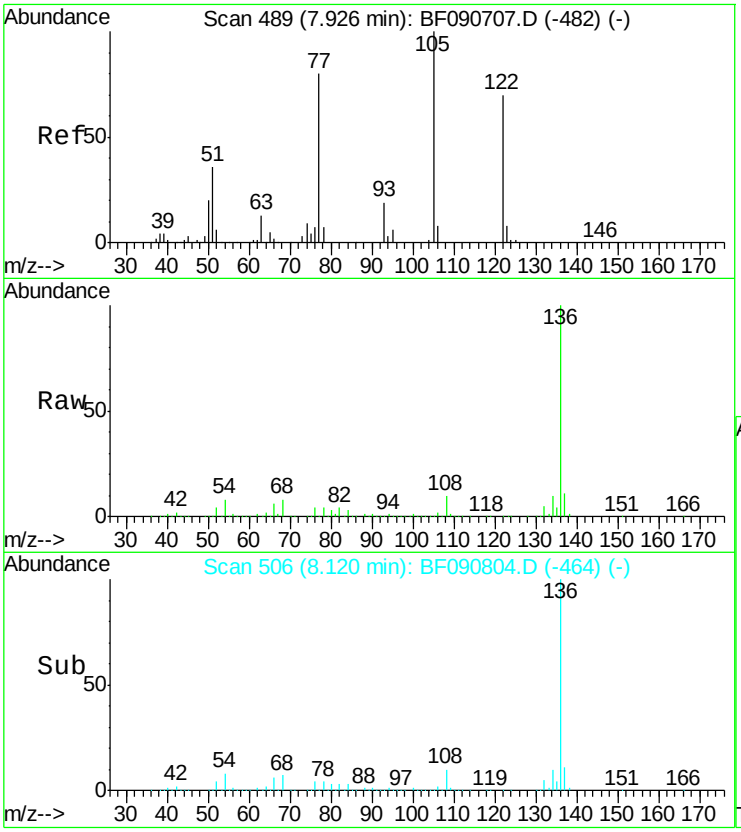


#25
Isophorone
Concen: 36.74 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.29 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Tgt Ion: 82 Resp: 978566

Ion	Ratio	Lower	Upper
82	100		
95	0.1	4.0	6.0#
138	0.0	18.3	27.5#



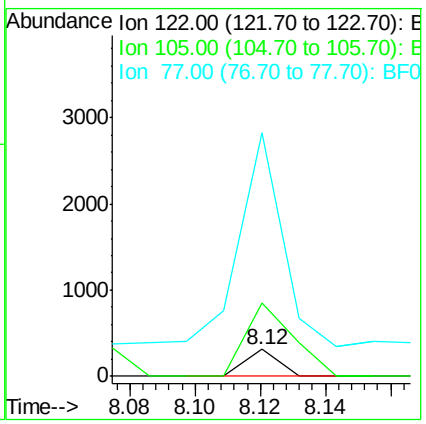


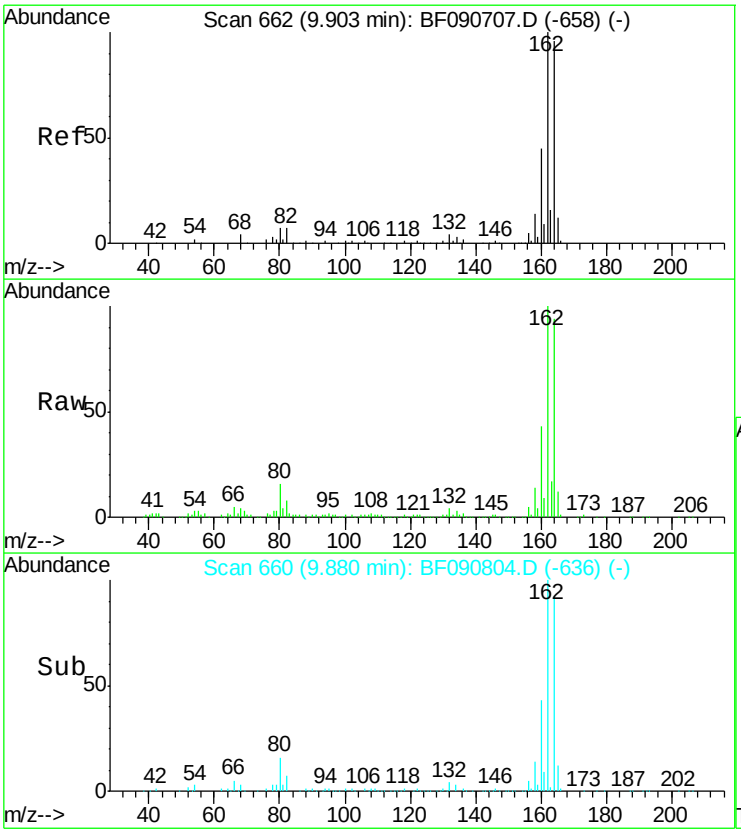
#32
Benzoic acid
Concen: 7.57 ng
RT: 8.12 min Scan# 506
Delta R.T. 0.18 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:122 Resp: 215

Ion	Ratio	Lower	Upper
122	100		
105	271.3	76.1	116.1#
77	899.0	40.5	80.5#

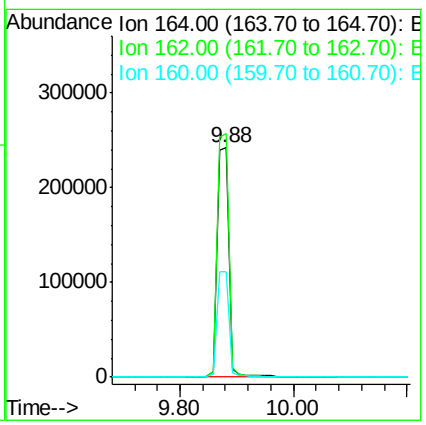


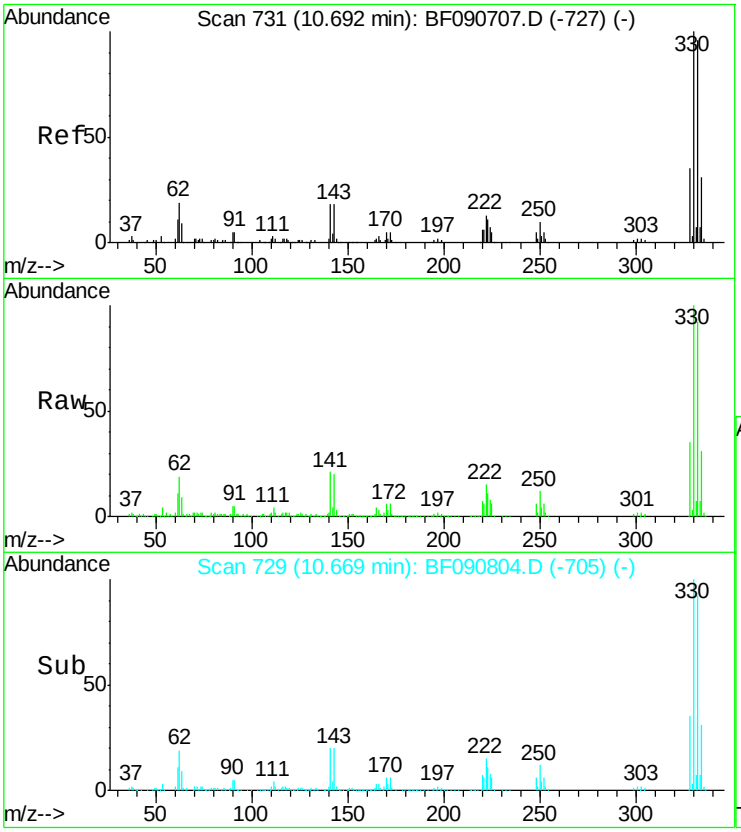


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

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



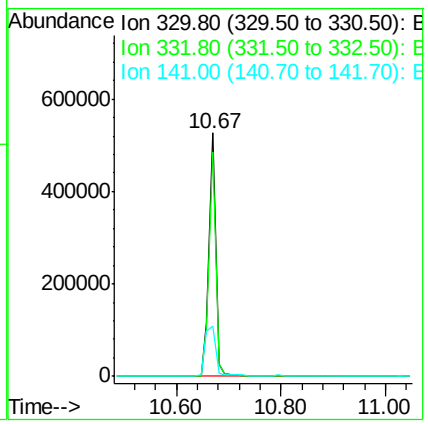


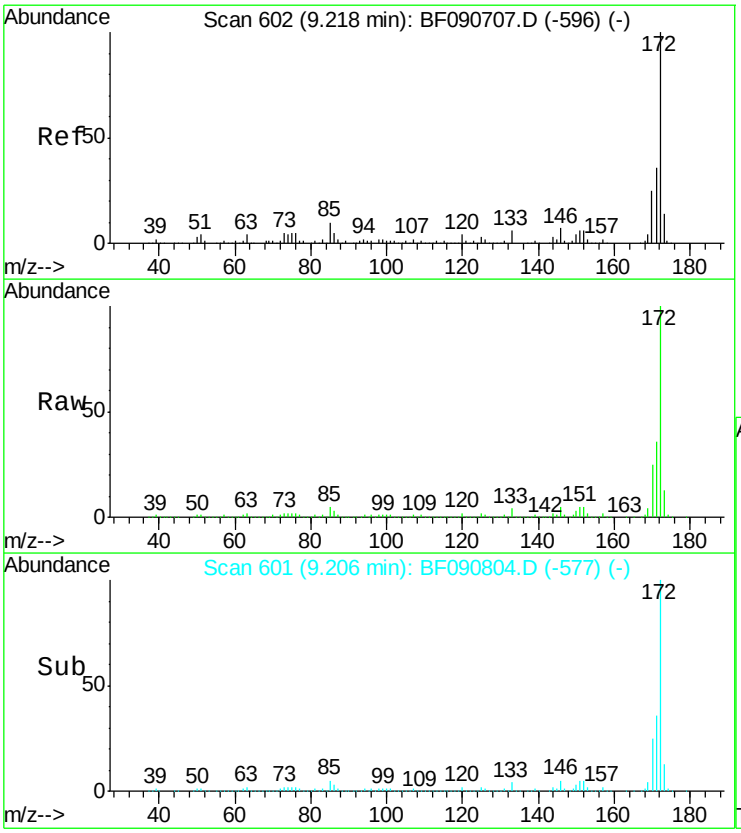
#41
2,4,6-Tribromophenol
Concen: 170.84 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:330 Resp: 478069

Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.6	114.8
141	32.0	29.7	44.5

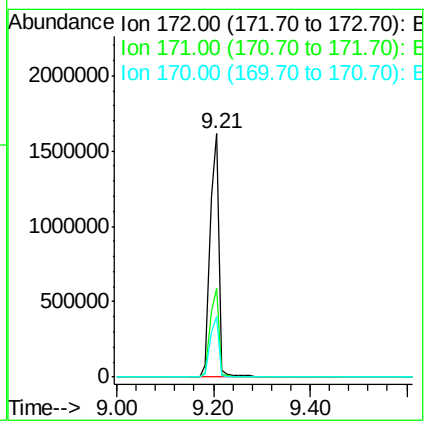


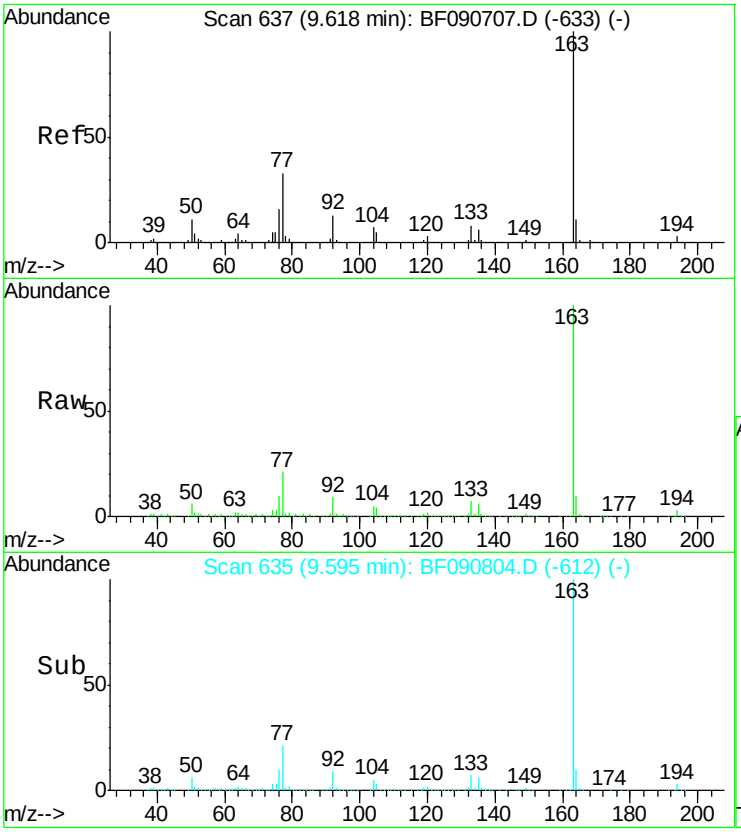


#44
2-Fluorobiphenyl
Concen: 92.16 ng
RT: 9.21 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

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



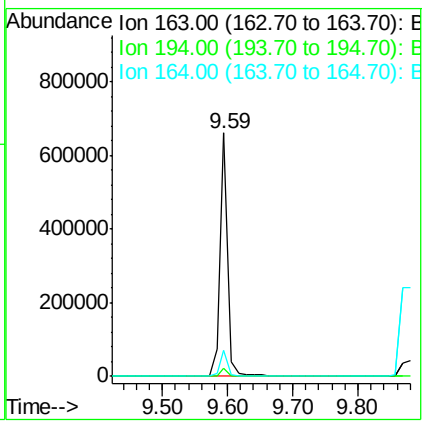


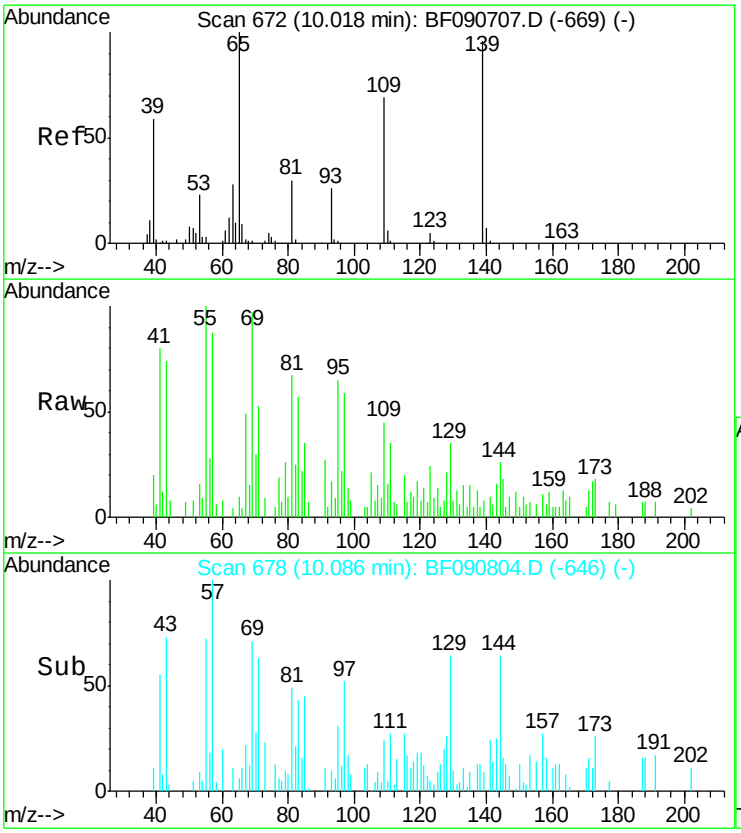
#49
Dimethylphthalate
Concen: 24.81 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:163 Resp: 551216

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.5	8.3	12.5

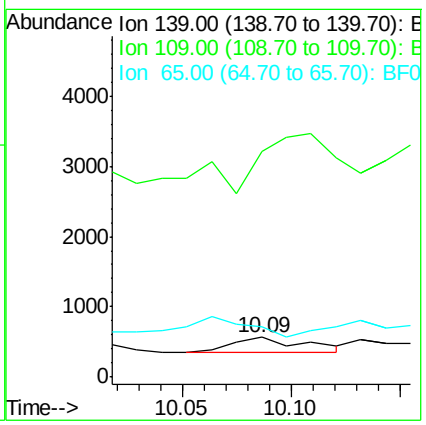


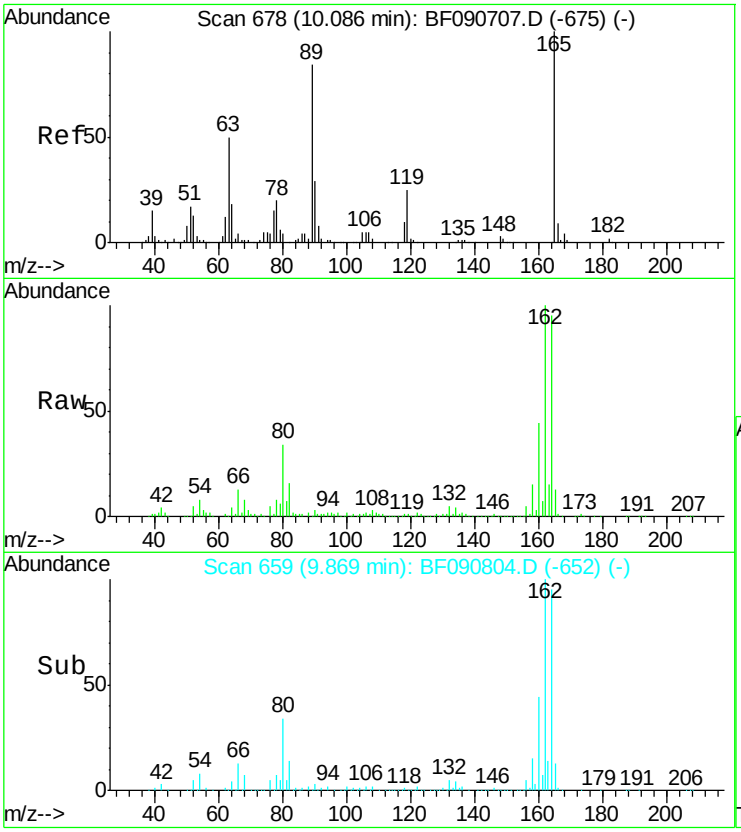


#55
4-Nitrophenol
Concen: 6.07 ng
RT: 10.09 min Scan# 678
Delta R.T. 0.07 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Tgt Ion:139 Resp: 481

Ion	Ratio	Lower	Upper
139	100		
109	565.7	12.7	52.7#
65	126.6	45.9	85.9#



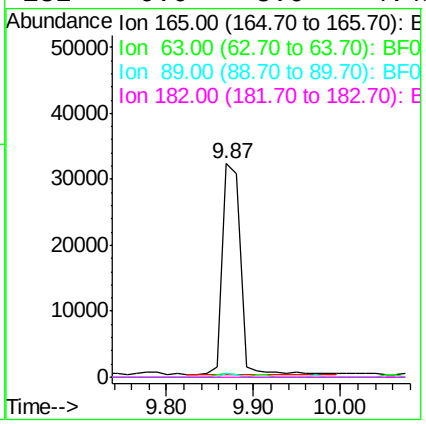


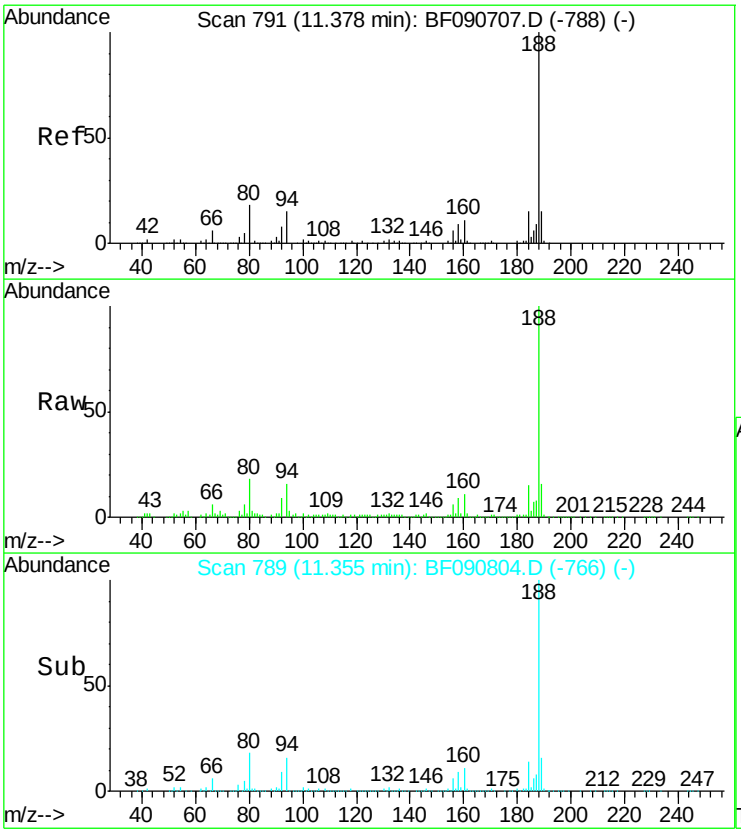
#56
2,4-Dinitrotoluene
Concen: 7.92 ng
RT: 9.87 min Scan# 659
Delta R.T. -0.22 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:165 Resp: 46225

Ion	Ratio	Lower	Upper
165	100		
63	2.1	29.8	44.6#
89	1.7	44.5	66.7#
182	0.0	3.0	4.4#

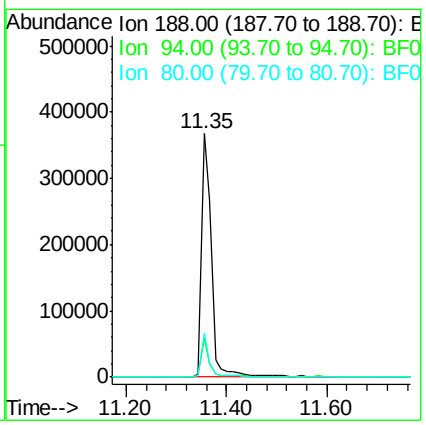


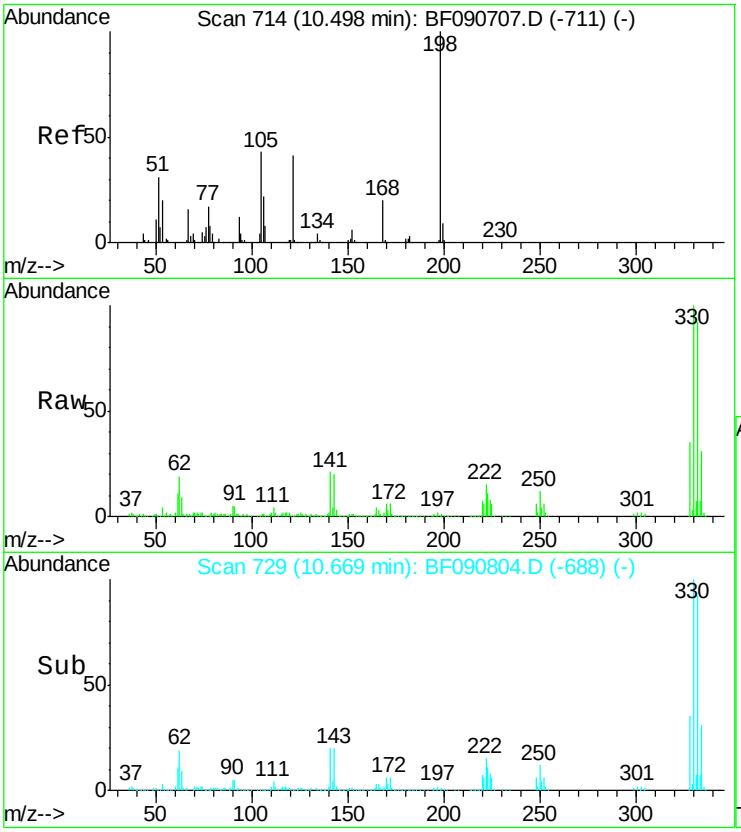


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

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#



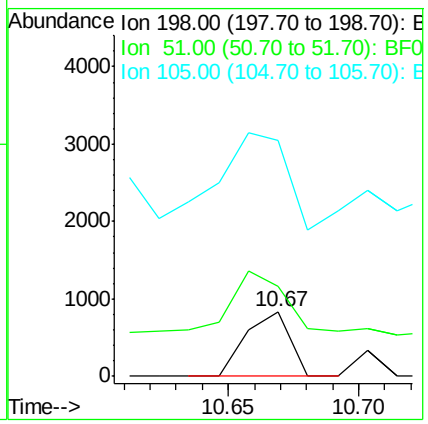


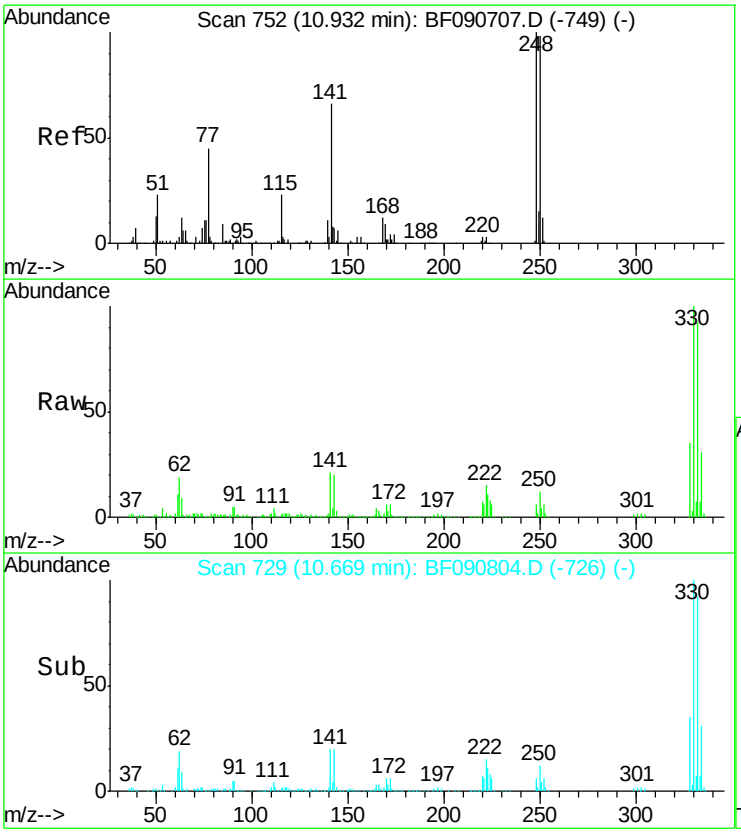
#64
4,6-Dinitro-2-methylphenol
Concen: 4.46 ng
RT: 10.67 min Scan# 729
Delta R.T. 0.17 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:198 Resp: 986

Ion	Ratio	Lower	Upper
198	100		
51	138.7	39.6	79.6#
105	363.2	28.5	68.5#

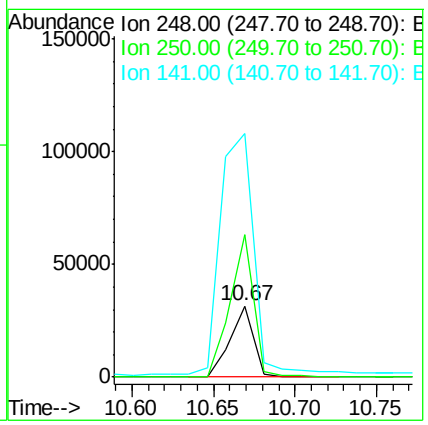


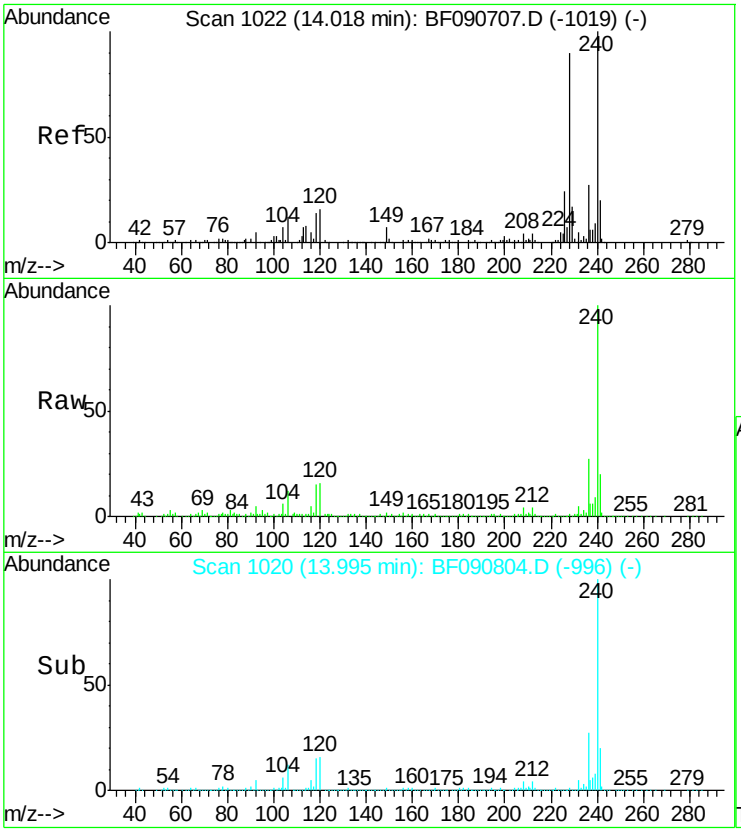


#66
4-Bromophenyl-phenylether
Concen: 6.42 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.26 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Tgt Ion:248 Resp: 31323

Ion	Ratio	Lower	Upper
248	100		
250	201.4	78.5	117.7#
141	343.5	59.0	88.6#



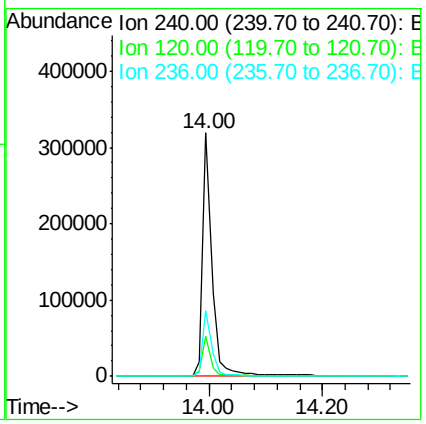


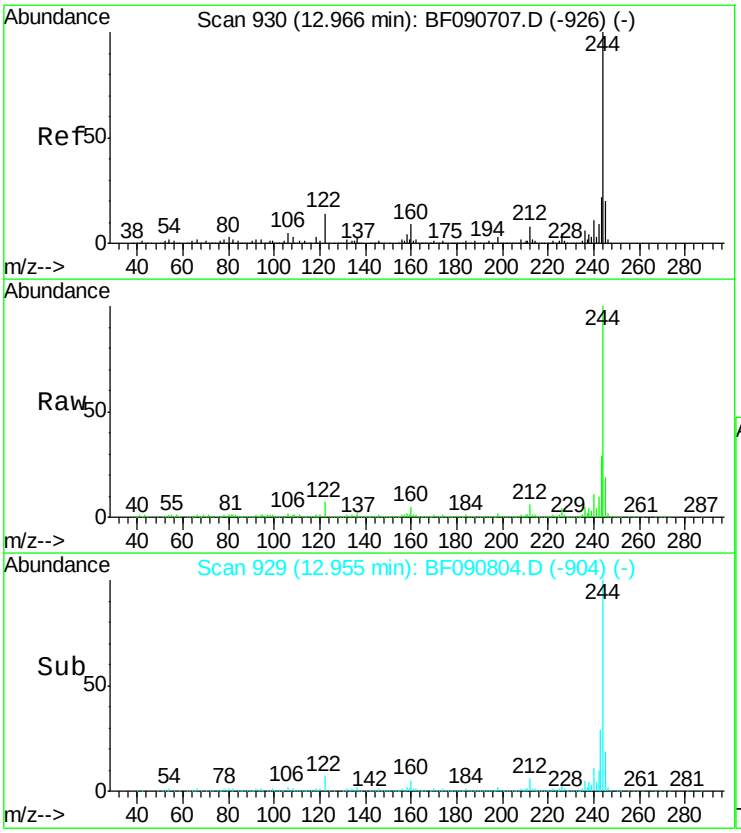
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
END-WEST-DIESEL

Tgt Ion:240 Resp: 353061

Ion	Ratio	Lower	Upper
240	100		
120	16.4	16.2	24.2
236	26.9	18.4	27.6

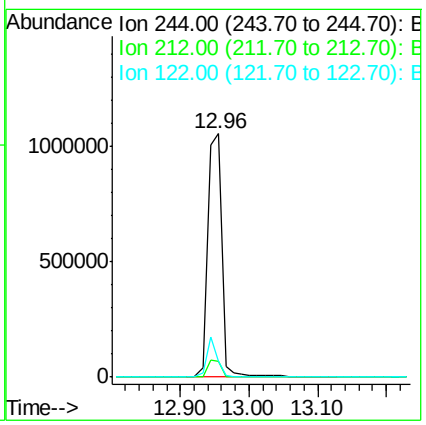


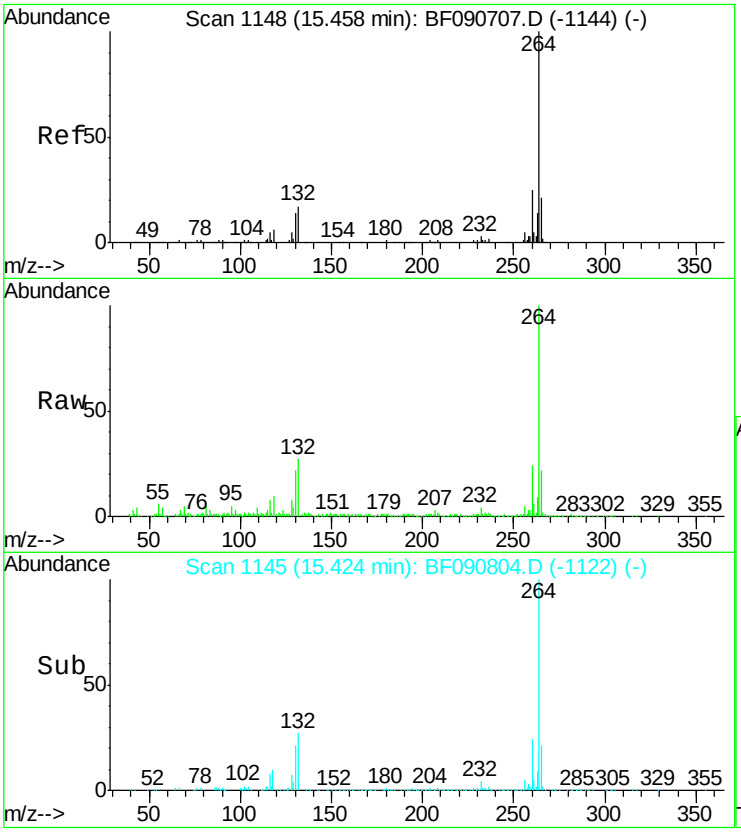


#78
Terphenyl-d14
Concen: 99.49 ng
RT: 12.96 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090804.D
Acq: 24 Oct 2016 22:51

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#





#86
Perylene-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

Tgt Ion:264 Resp: 297143

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.8	17.2	25.8