Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
Data File : BF090795.D
Acq On : 24 Oct 2016 18:47
Operator : UM/SJ
Sample : H5366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-002-ABCD

Quant Time: Oct 25 00:58:14 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	198517	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	885706	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	441782	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	717068	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	490420	20.00	ng	-0.02
86) Perylene-d12	15.42	264	354852	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1381334	112.22	ng	-0.02
7) Phenol-d6	6.47	99	1929988	115.76	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1179036	73.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	488672	139.75	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1927409	67.73	ng	-0.03
78) Terphenyl-d14	12.94	244	1799488	84.10	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	152703	12.30	ng	# 50
25) Isophorone	7.40	82	866254	28.34	ng	# 58
49) Dimethylphthalate	9.59	163	420575	15.15	ng	# 96
56) 2,4-Dinitrotoluene	9.87	165	56555	7.75	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	812	4.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	29262	4.21	ng	# 1

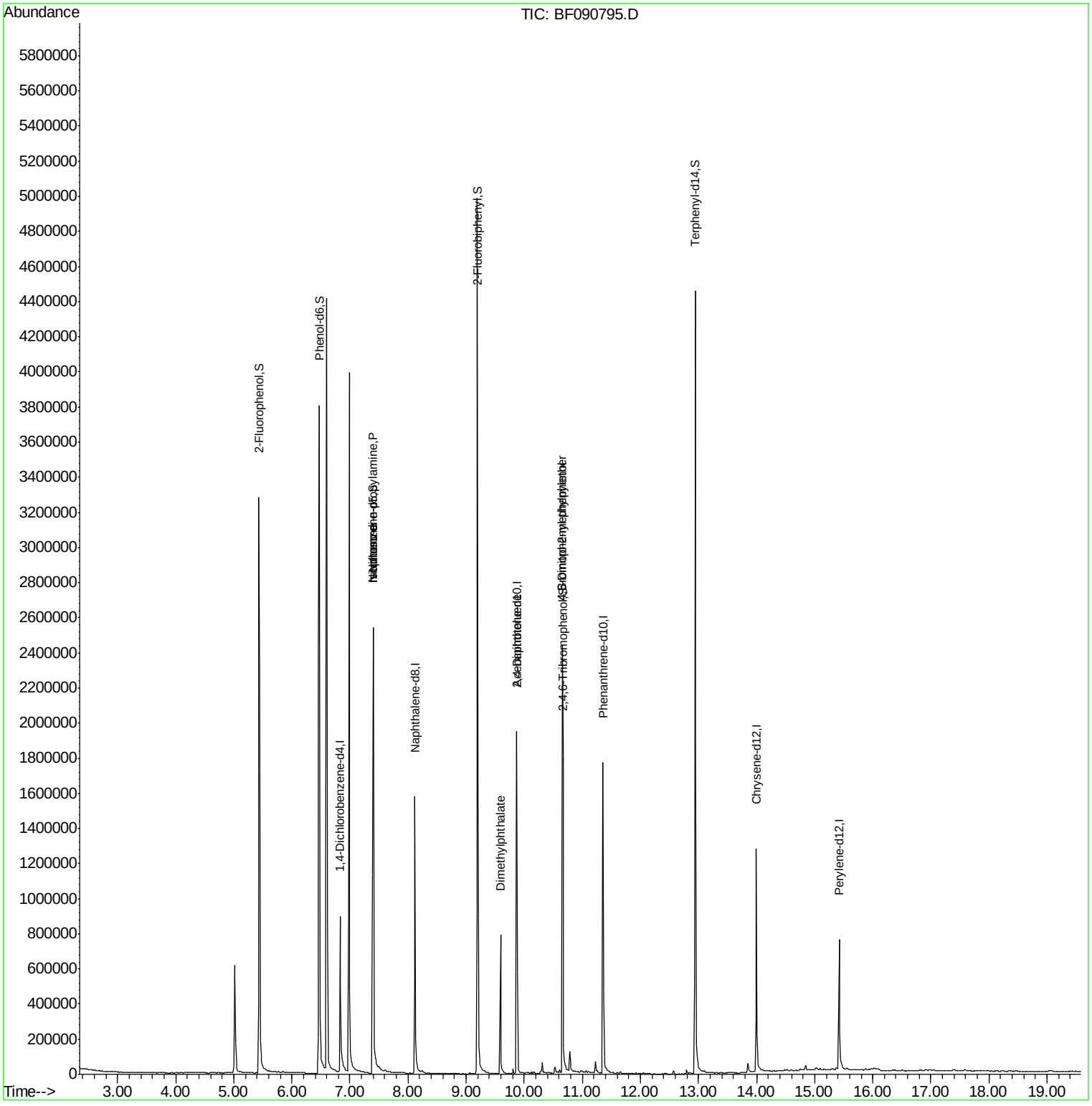
(#) = qualifier out of range (m) = manual integration (+) = signals summed

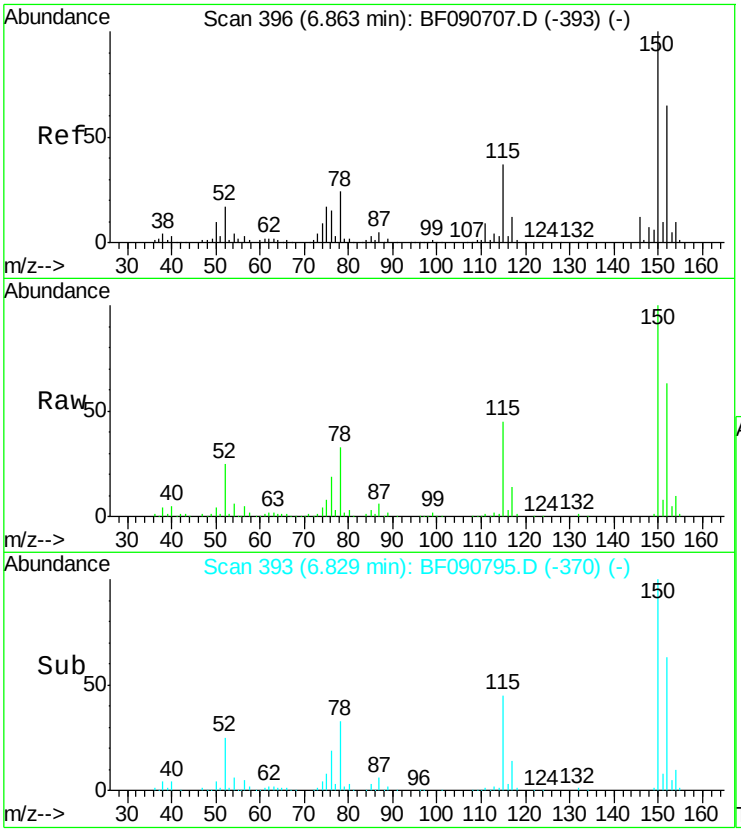
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
Data File : BF090795.D
Acq On : 24 Oct 2016 18:47
Operator : UM/SJ
Sample : H5366-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-EF-01-002-ABCD

Quant Time: Oct 25 00:58:14 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



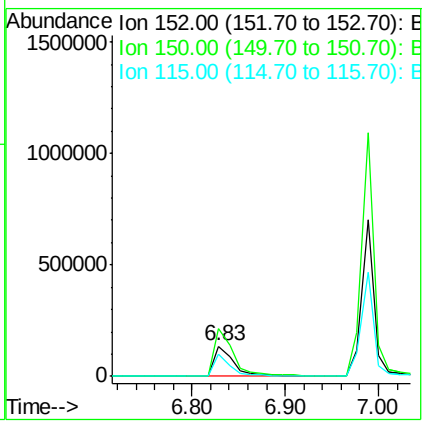


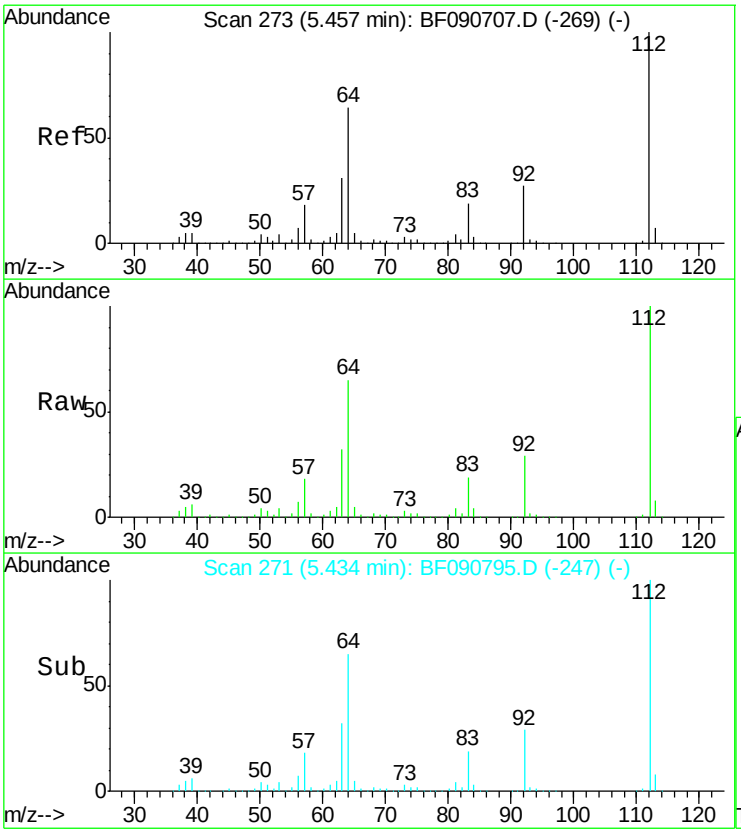
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.03 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:152 Resp: 198517

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.7	187.1
115	72.3	39.0	58.4#

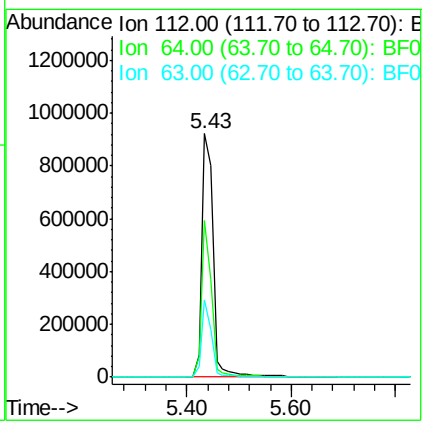


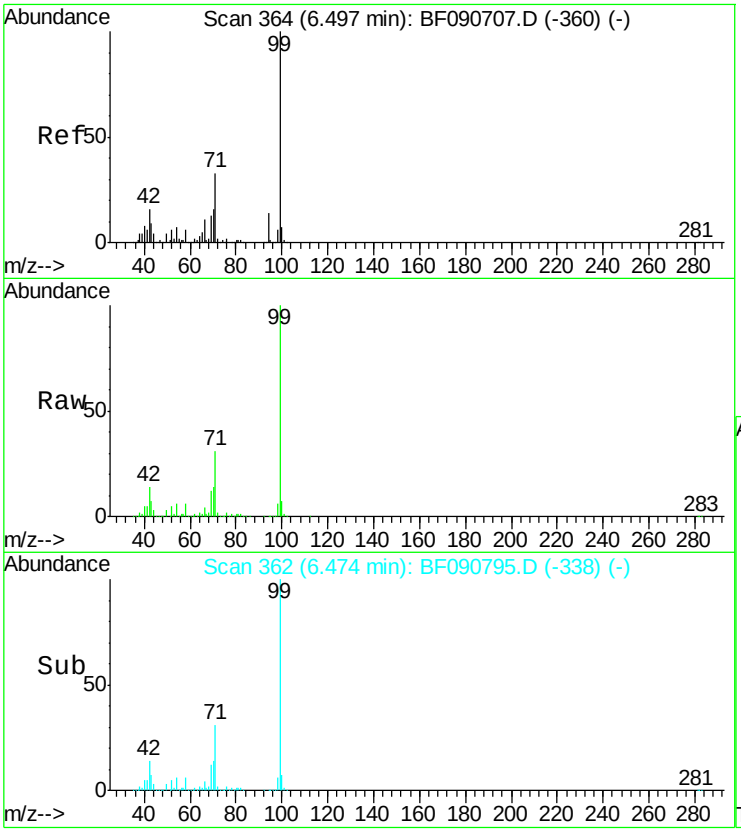


#5
2-Fluorophenol
Concen: 112.22 ng
RT: 5.43 min Scan# 271
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:112 Resp: 1381334

Ion	Ratio	Lower	Upper
112	100		
64	64.5	39.7	59.5#
63	31.9	17.4	26.0#



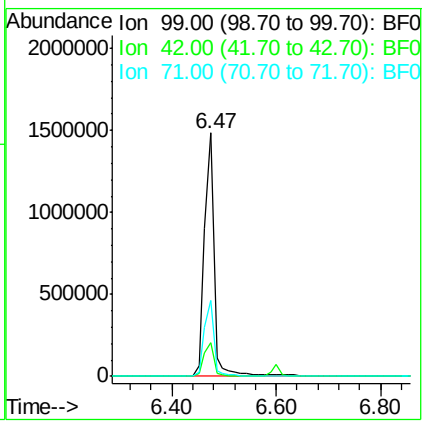


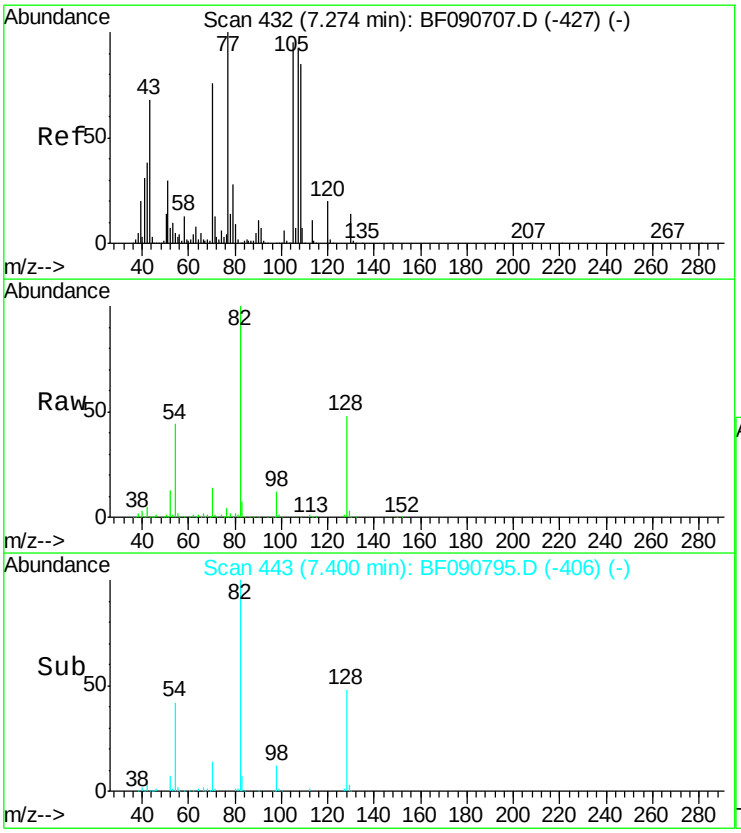
#7
Phenol-d6
Concen: 115.76 ng
RT: 6.47 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion: 99 Resp: 1929988

Ion	Ratio	Lower	Upper
99	100		
42	13.9	13.7	20.5
71	31.1	14.2	21.2#

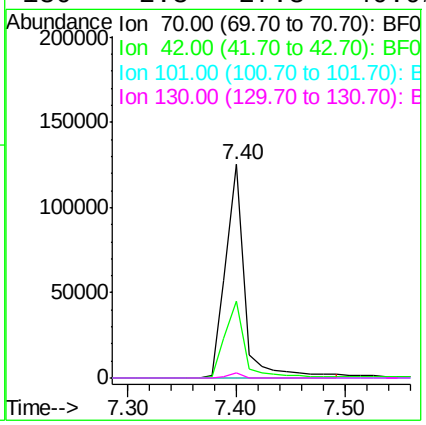


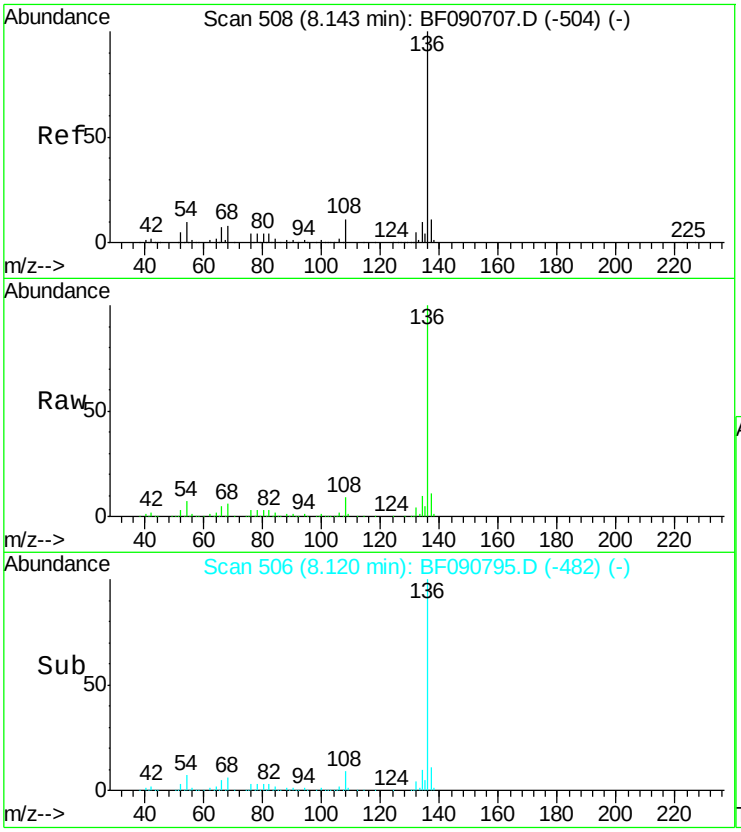


#19
n-Nitroso-di-n-propylamine
Concen: 12.30 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion: 70 Resp: 152703

Ion	Ratio	Lower	Upper
70	100		
42	35.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



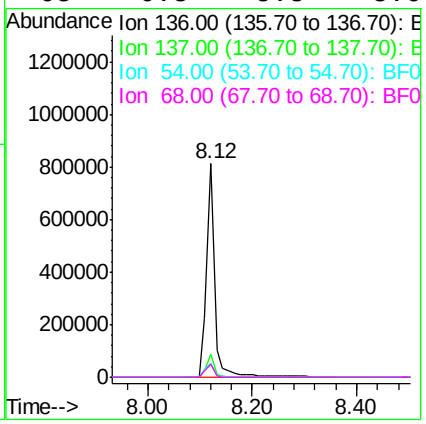


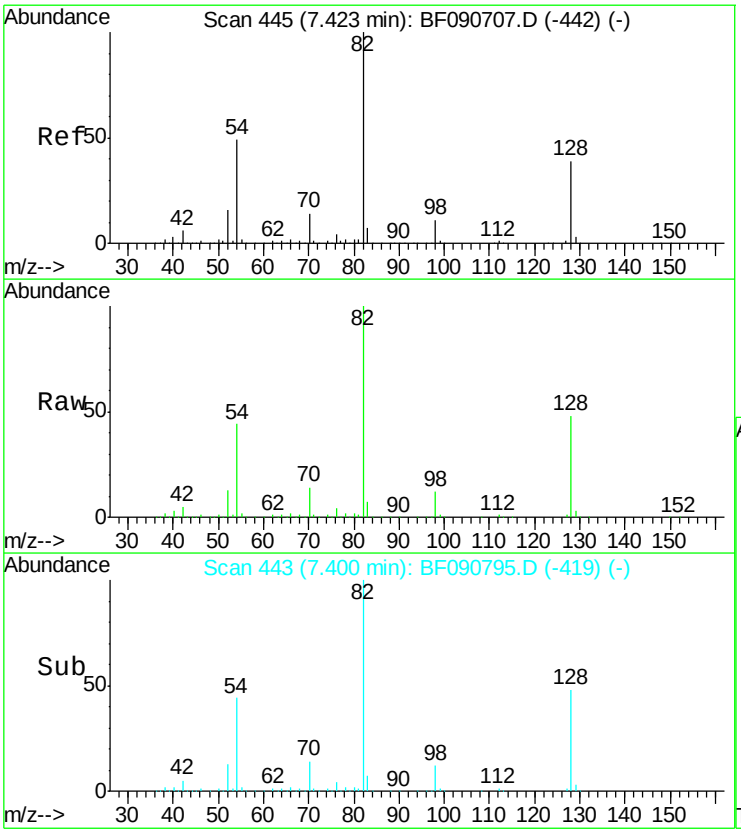
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:136 Resp: 885706

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.8	8.2	12.2#
68	6.3	5.8	8.6

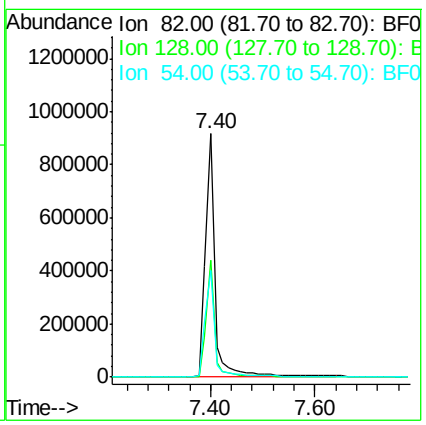


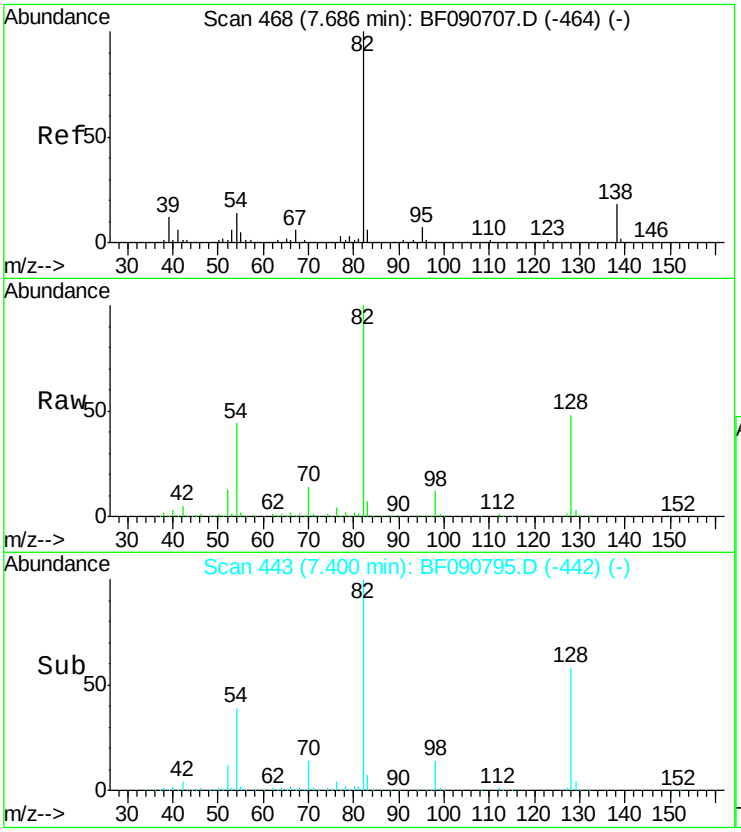


#23
Nitrobenzene-d5
Concen: 73.01 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion: 82 Resp: 1179036

Ion	Ratio	Lower	Upper
82	100		
128	47.8	51.0	76.6#
54	43.7	47.5	71.3#



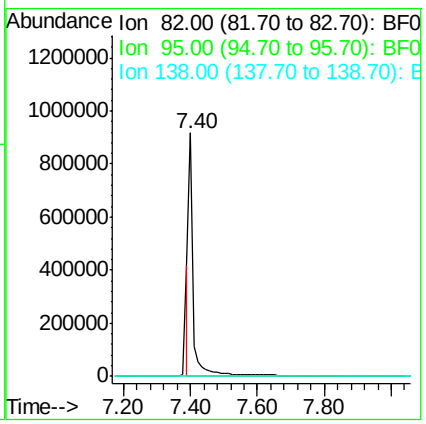


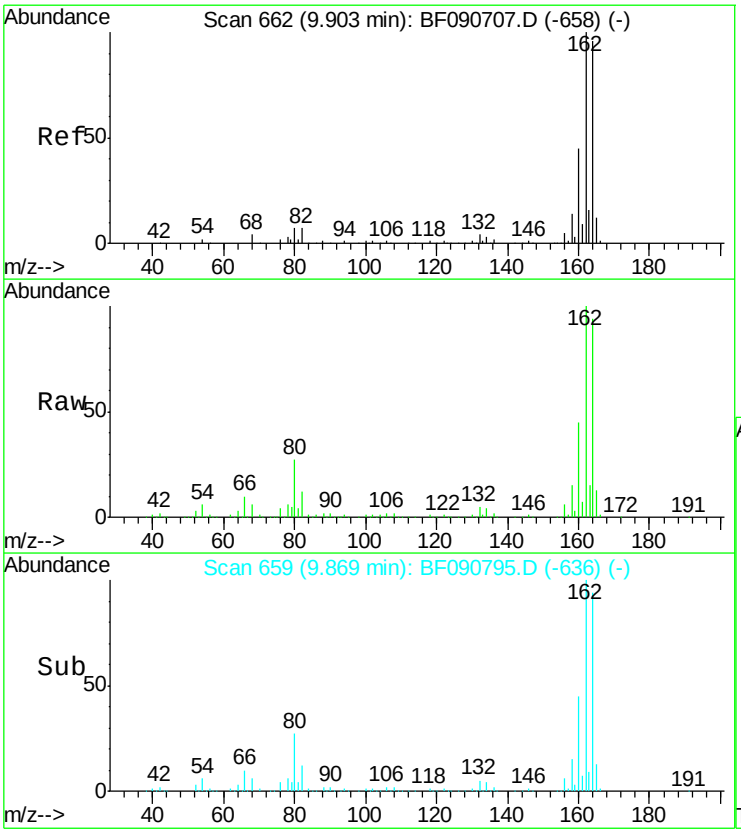
#25
Isophorone
Concen: 28.34 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.29 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion: 82 Resp: 866254

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

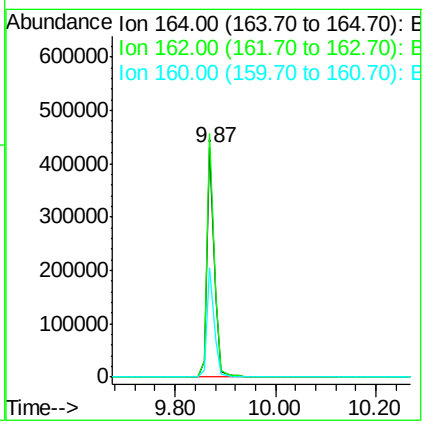


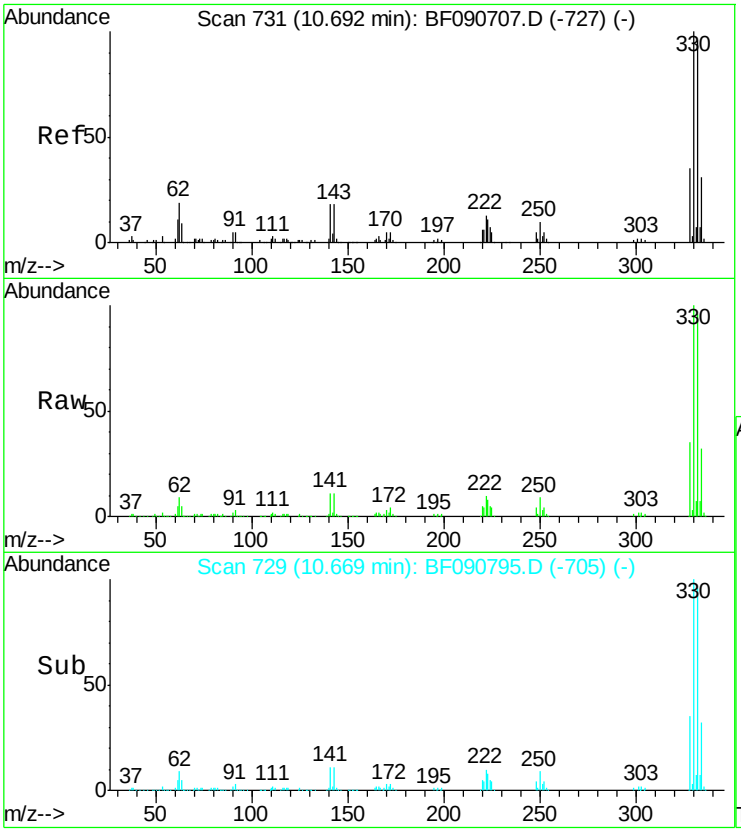


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:164 Resp: 441782

Ion	Ratio	Lower	Upper
164	100		
162	106.3	75.2	112.8
160	47.8	31.5	47.3#



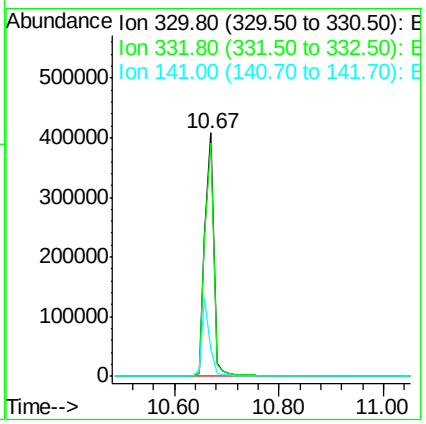


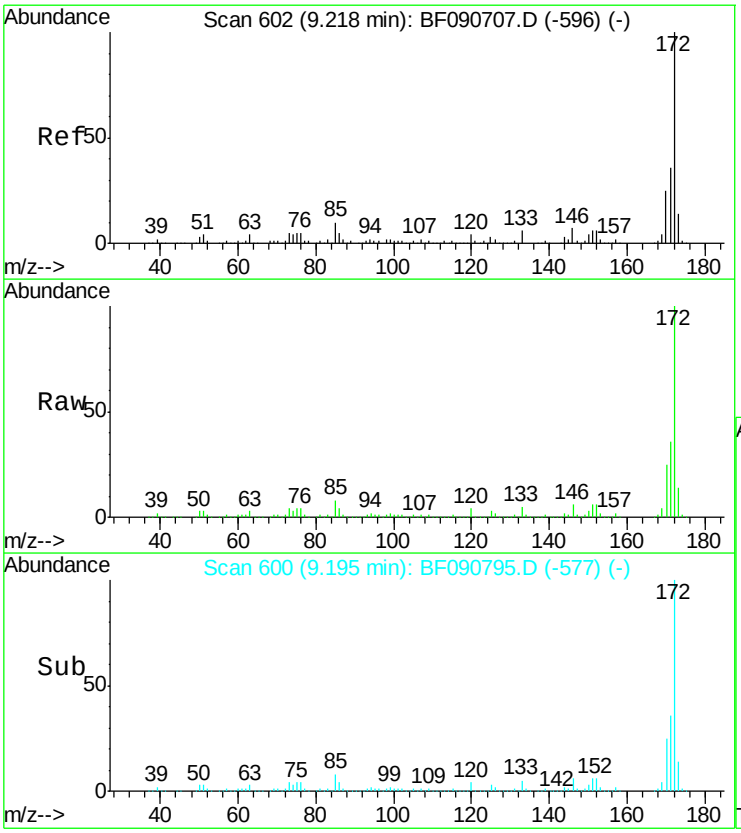
#41
2,4,6-Tribromophenol
Concen: 139.75 ng
RT: 10.67 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:330 Resp: 488672

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	28.8	29.7	44.5#

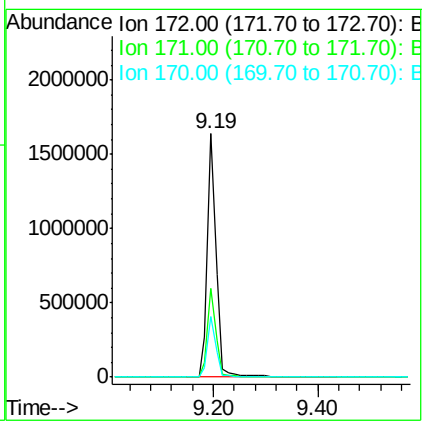


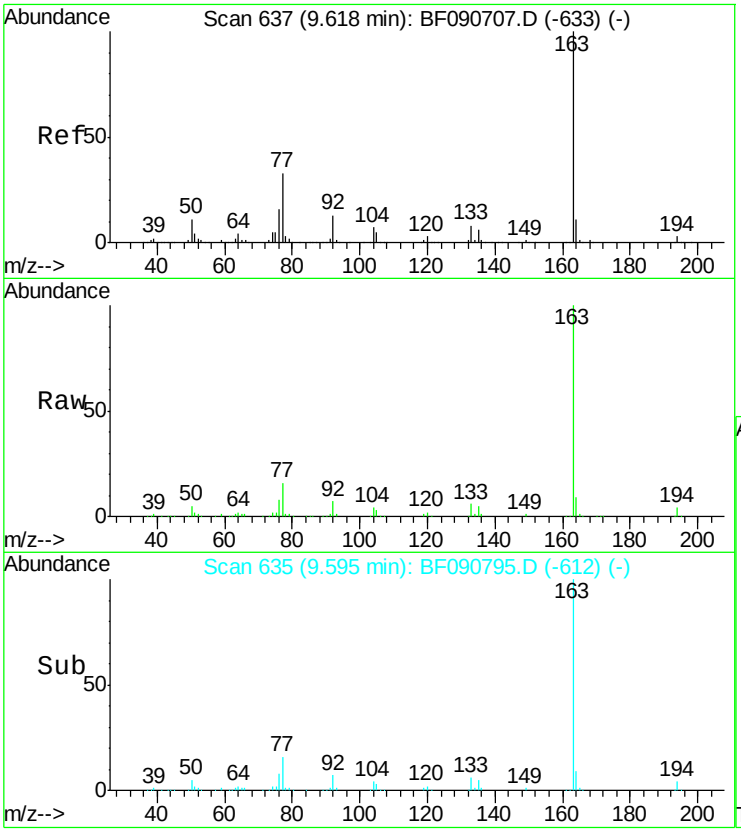


#44
2-Fluorobiphenyl
Concen: 67.73 ng
RT: 9.19 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:172 Resp: 1927409

Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.1	39.1
170	25.1	17.4	26.2



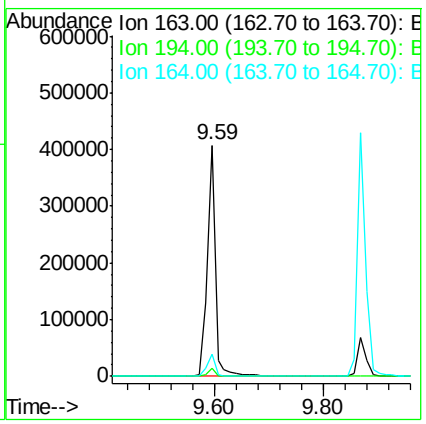


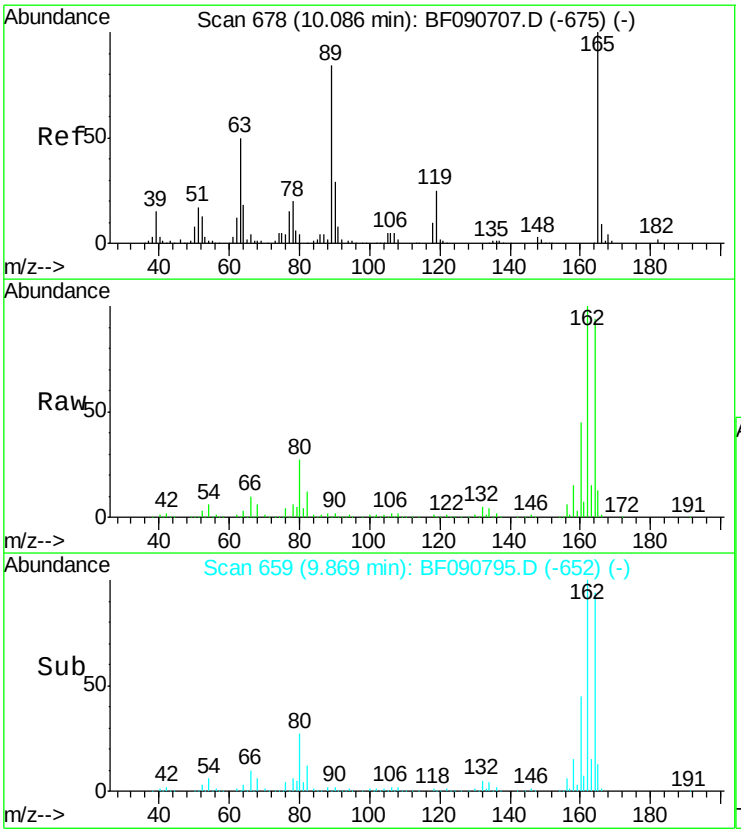
#49
Dimethylphthalate
Concen: 15.15 ng
RT: 9.59 min Scan# 635
Delta R.T. -0.03 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:163 Resp: 420575

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	9.4	8.3	12.5

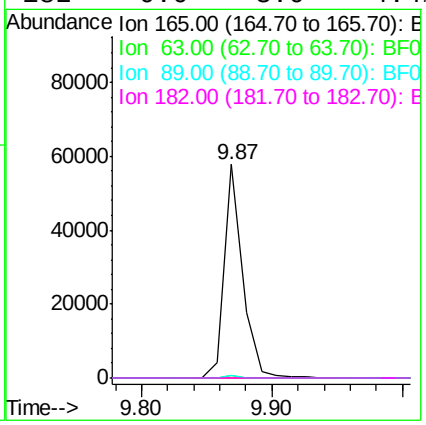


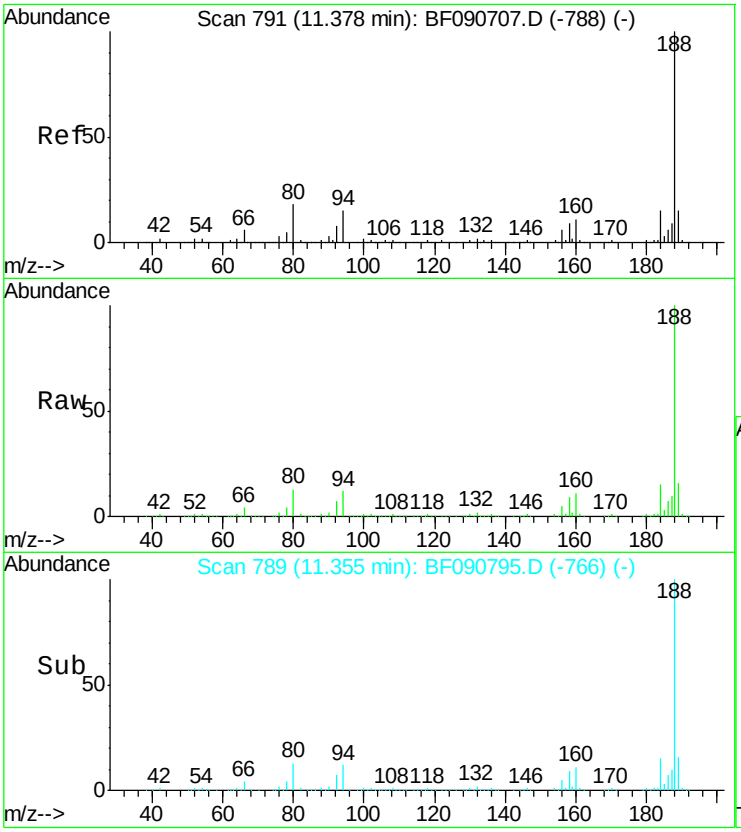


#56
2,4-Dinitrotoluene
Concen: 7.75 ng
RT: 9.87 min Scan# 659
Delta R.T. -0.22 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:165 Resp: 56555

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#



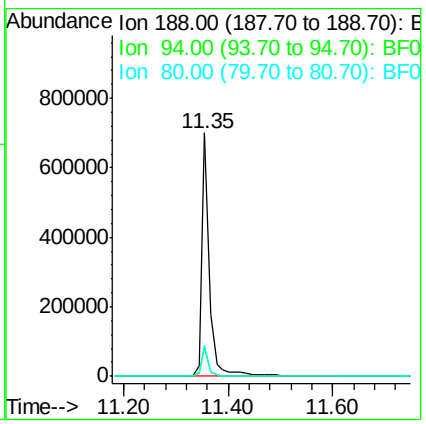


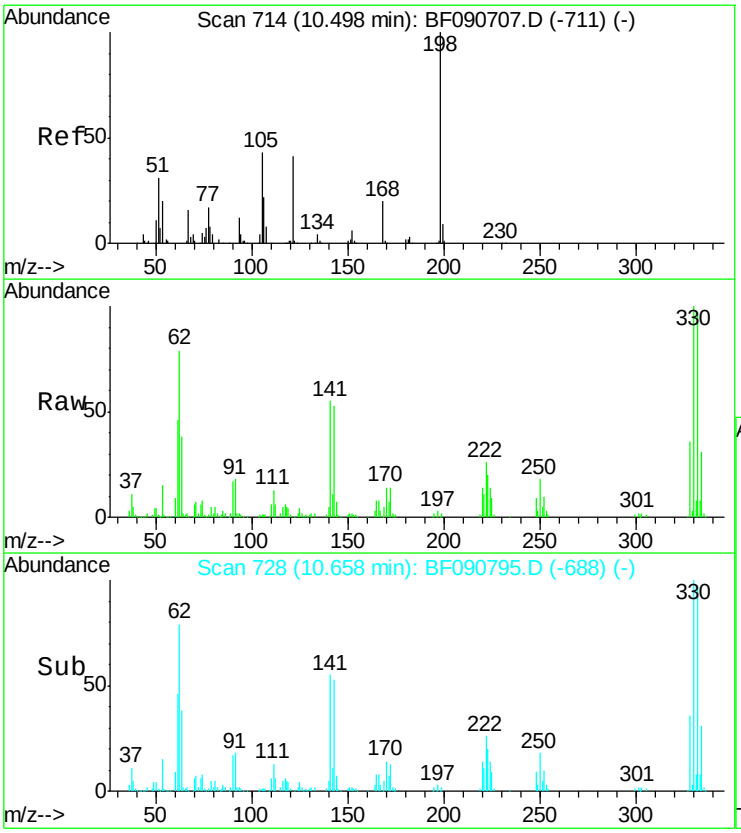
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:188 Resp: 717068

Ion	Ratio	Lower	Upper
188	100		
94	11.9	11.1	16.7
80	12.8	11.0	16.4

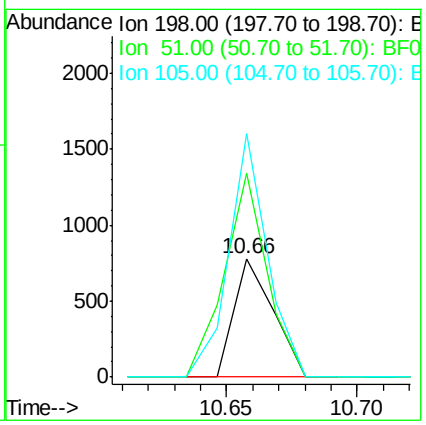


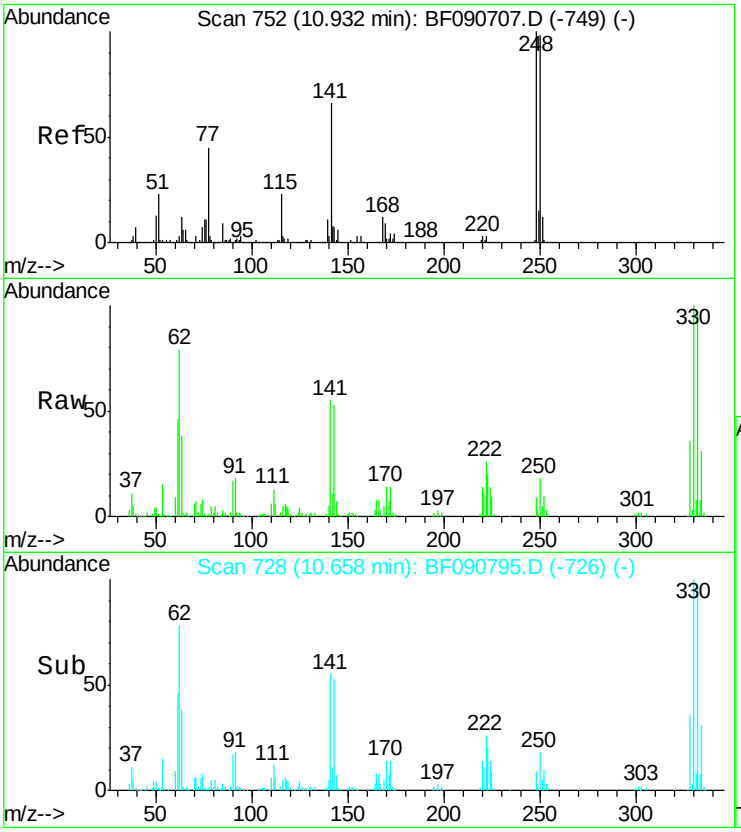


#64
4,6-Dinitro-2-methylphenol
Concen: 4.34 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.16 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:198 Resp: 812

Ion	Ratio	Lower	Upper
198	100		
51	171.9	39.6	79.6#
105	205.8	28.5	68.5#



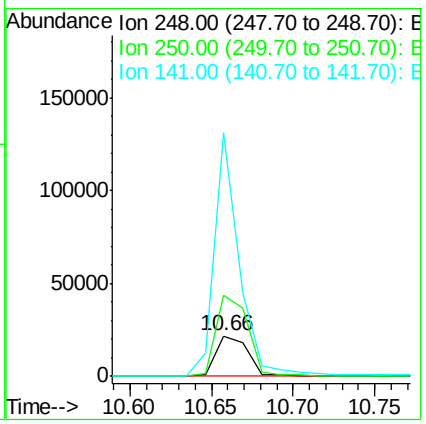


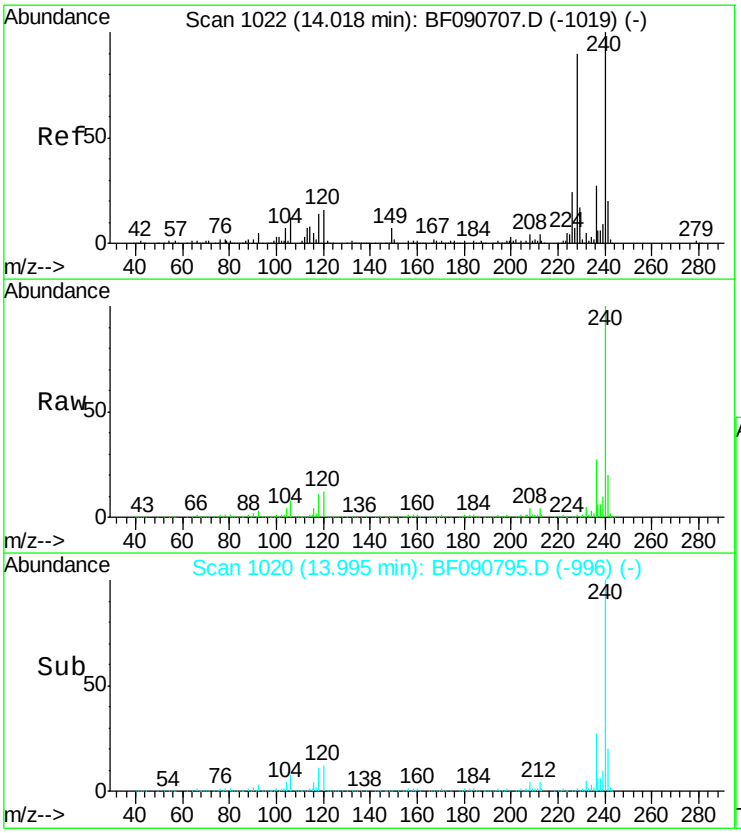
#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.66 min Scan# 728
Delta R.T. -0.27 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:248 Resp: 29262

Ion	Ratio	Lower	Upper
248	100		
250	201.9	78.5	117.7#
141	604.9	59.0	88.6#

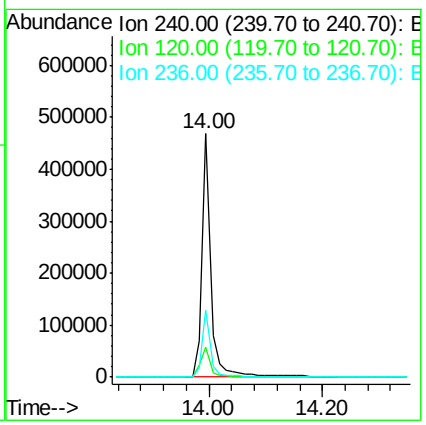


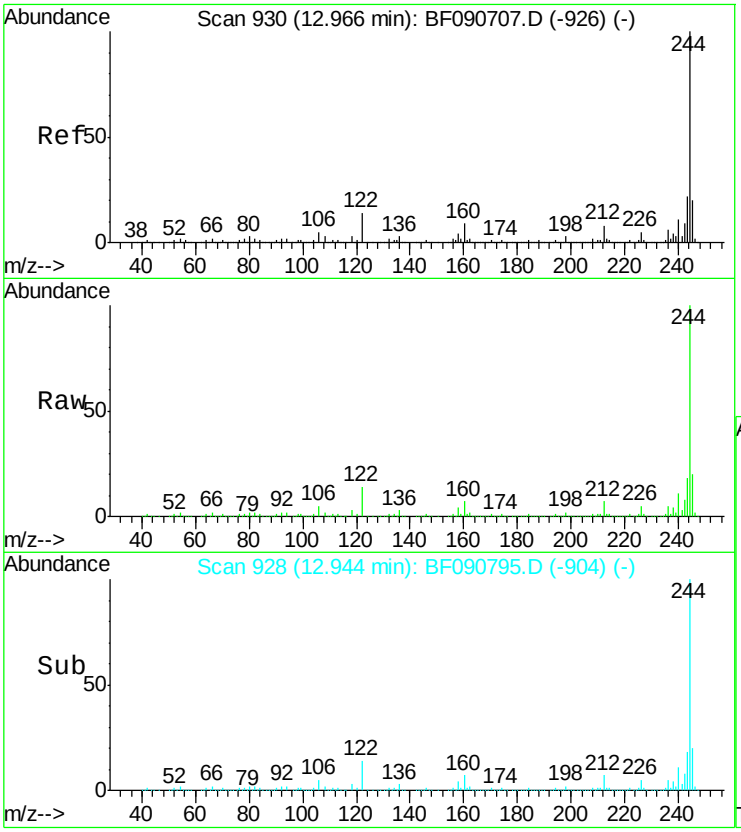


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:240 Resp: 490420

Ion	Ratio	Lower	Upper
240	100		
120	12.0	16.2	24.2#
236	27.3	18.4	27.6



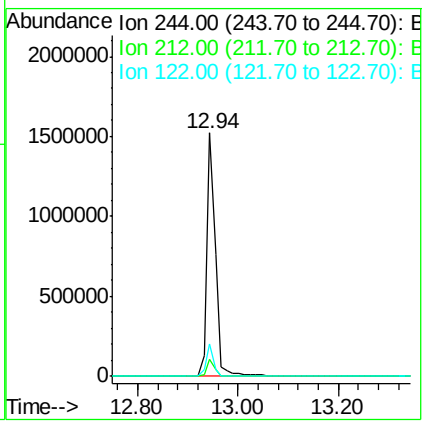


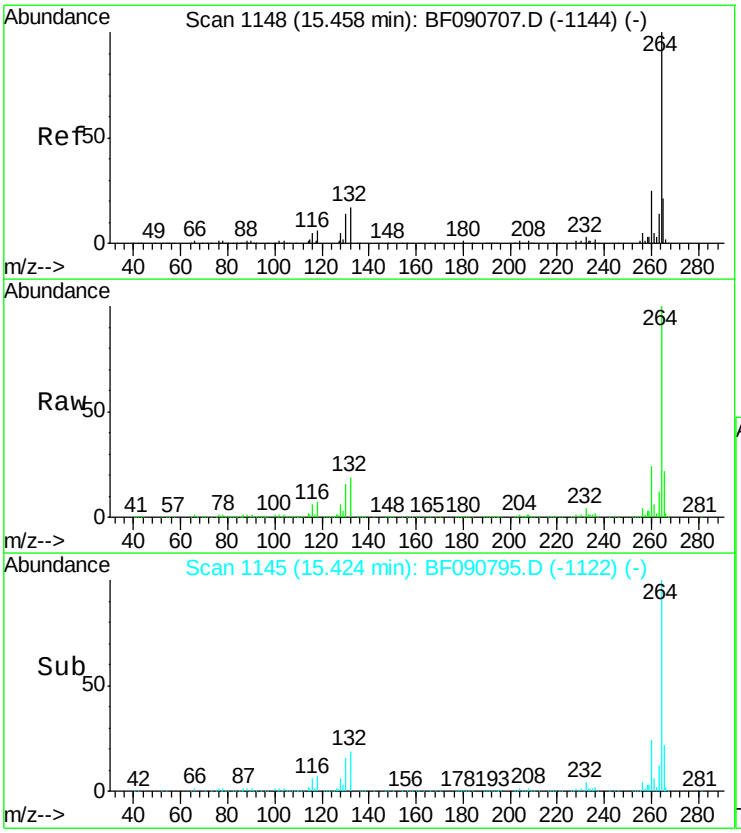
#78
Terphenyl-d14
Concen: 84.10 ng
RT: 12.94 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:244 Resp: 1799488

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	13.6	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: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:264 Resp: 354852

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.5	17.2	25.8