Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090731.D
Acq On : 22 Oct 2016 00:59
Operator : UM/SJ
Sample : H5308-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-102D

Quant Time: Oct 22 02:55:58 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	6.85	152	249836	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1059251	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	539708	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	890273	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	648686	20.00	ng	0.00
86) Perylene-d12	15.45	264	416309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	797894	51.51	ng	0.00
7) Phenol-d6	6.49	99	648629	30.91	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1580644	81.84	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	731703	171.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2577125	74.13	ng	-0.01
78) Terphenyl-d14	12.97	244	2741498	96.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	30851	2.69	ng	# 65
19) n-Nitroso-di-n-propylamine	7.42	70	207681	13.29	ng	# 51
32) Benzoic acid	7.94	122	248	7.57	ng	# 9
49) Dimethylphthalate	9.61	163	70389	2.08	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	70045	9.60	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	70832	7.95	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1208	4.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	46311	5.37	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 22 Oct 2016 00:59
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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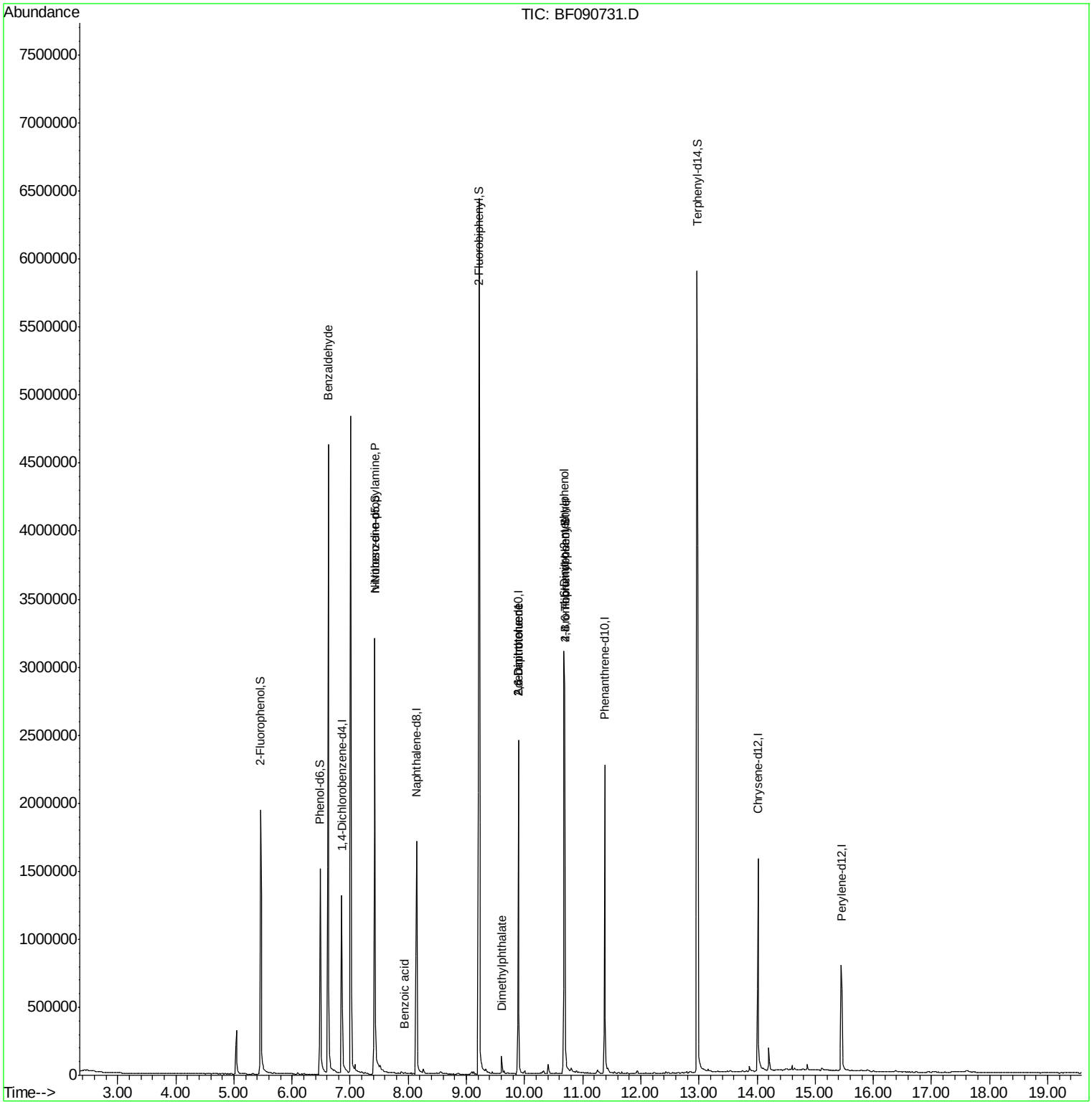
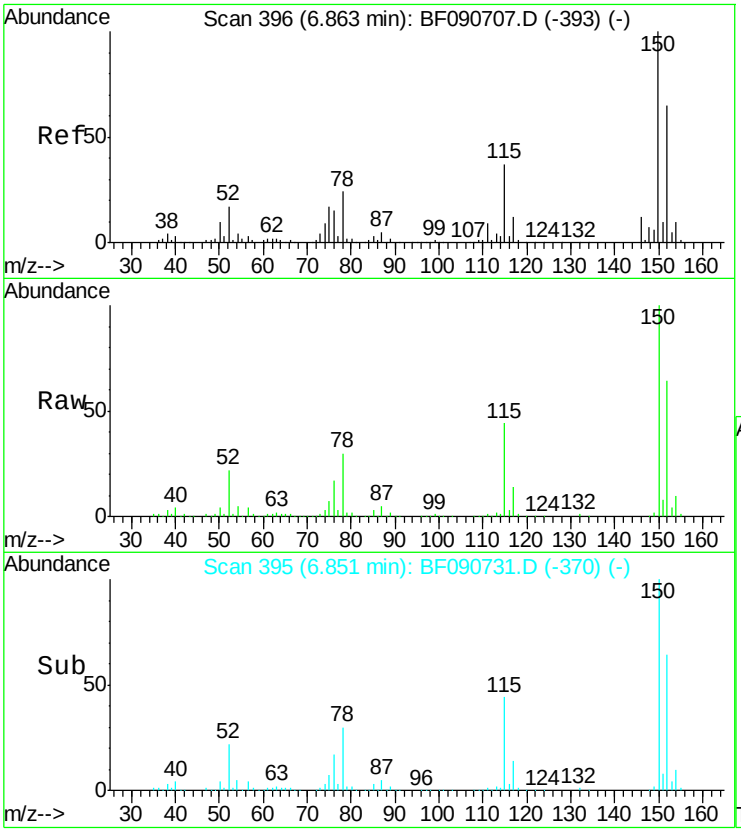


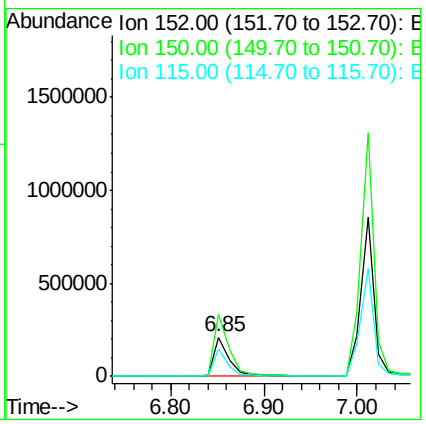


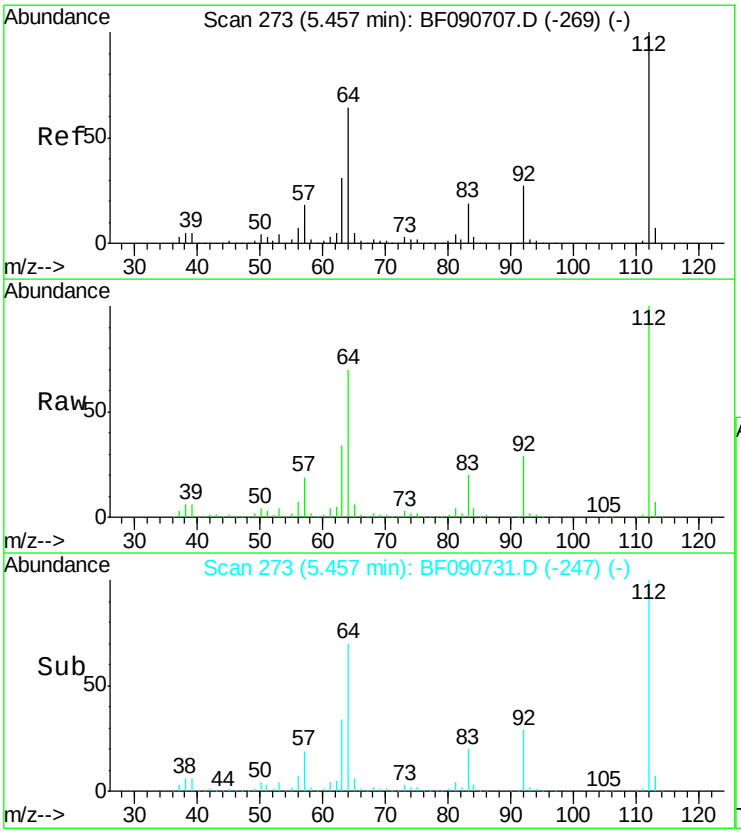
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:152 Resp: 249836

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.7	187.1
115	68.4	39.0	58.4#

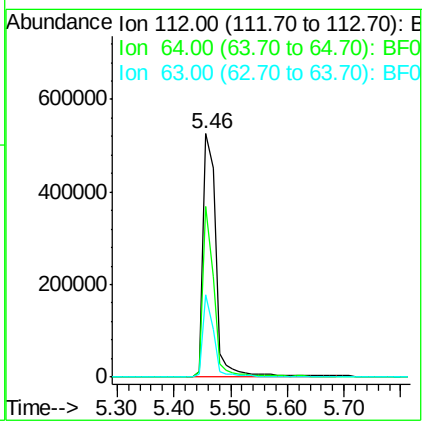


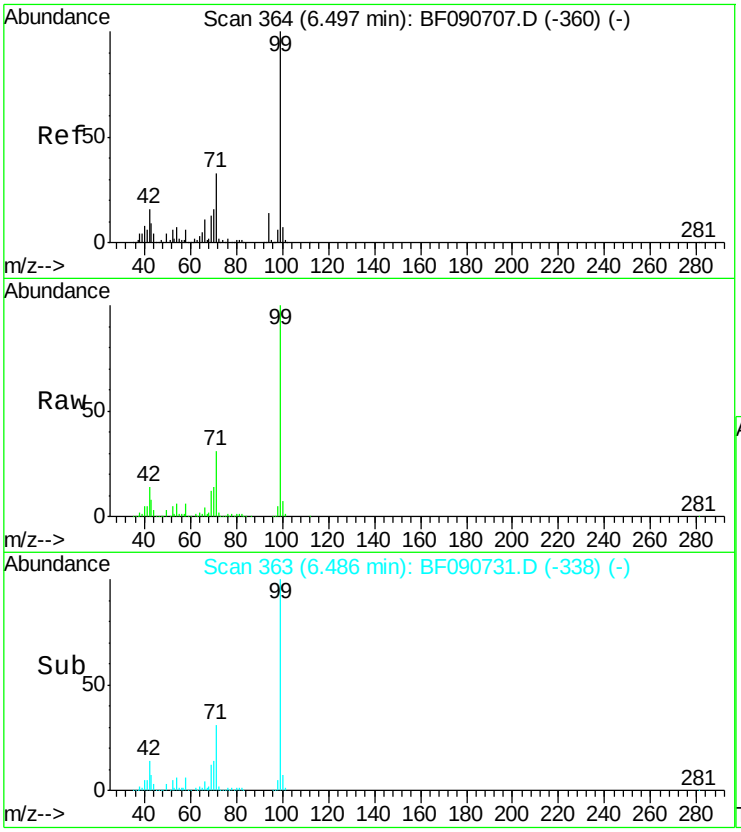


#5
2-Fluorophenol
Concen: 51.51 ng
RT: 5.46 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:112 Resp: 797894

Ion	Ratio	Lower	Upper
112	100		
64	69.8	39.7	59.5#
63	33.9	17.4	26.0#



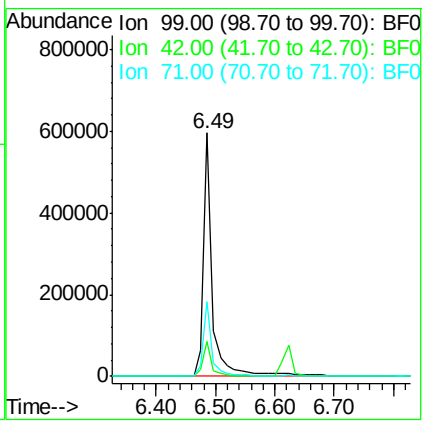


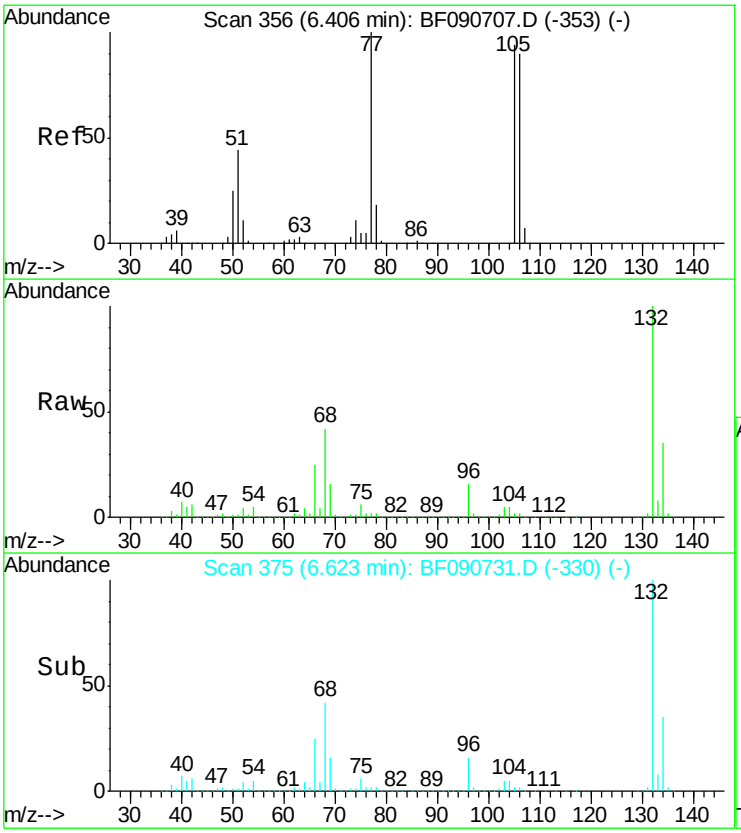
#7
Phenol-d6
Concen: 30.91 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion: 99 Resp: 648629

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.7	20.5
71	30.9	14.2	21.2#

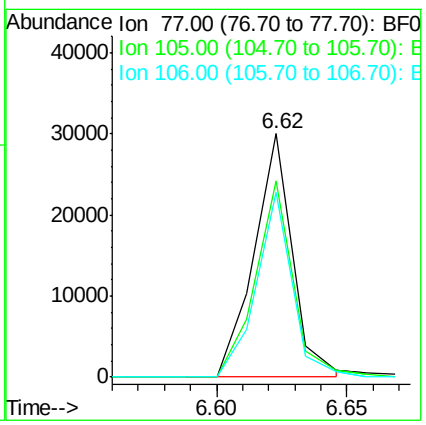


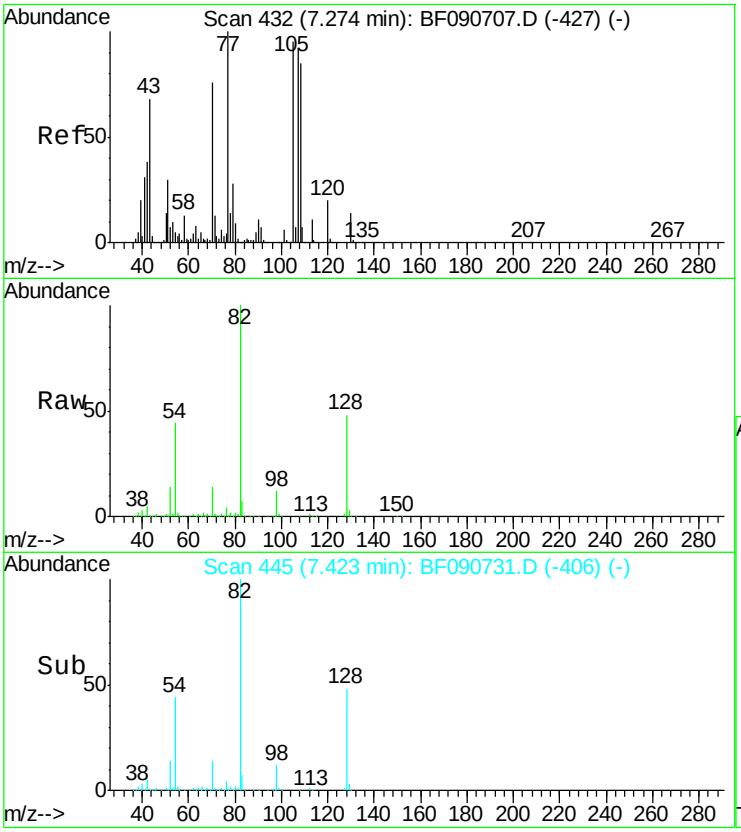


#9
Benzaldehyde
Concen: 2.69 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.22 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion: 77 Resp: 30851

Ion	Ratio	Lower	Upper
77	100		
105	80.7	91.6	131.6#
106	76.1	102.6	142.6#



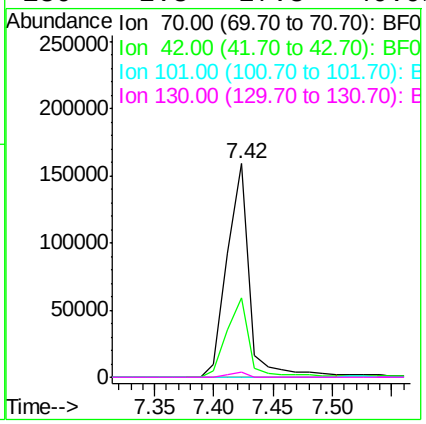


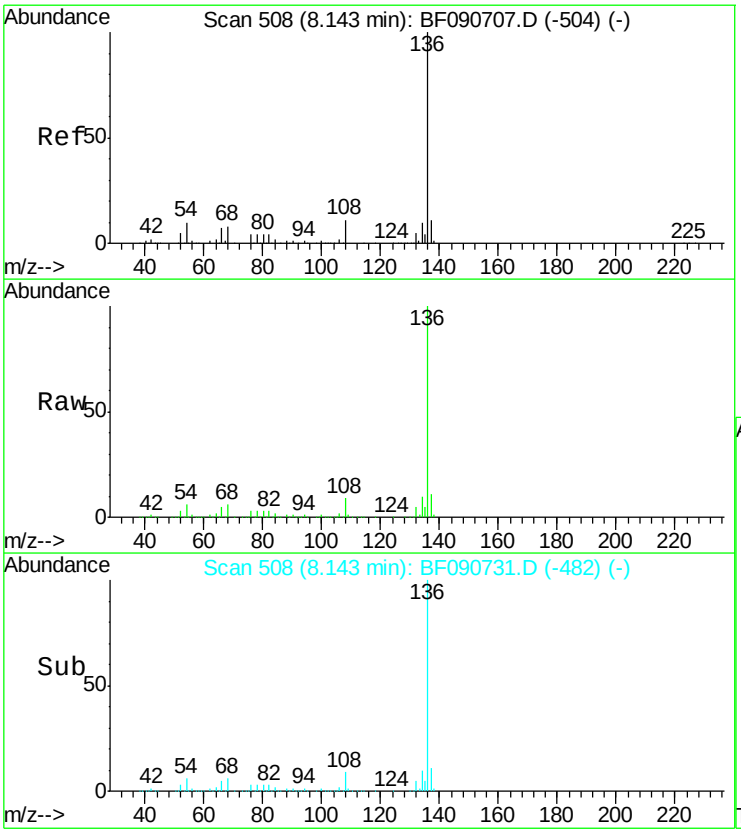
#19
n-Nitroso-di-n-propylamine
Concen: 13.29 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion: 70 Resp: 207681

Ion	Ratio	Lower	Upper
70	100		
42	36.9	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#

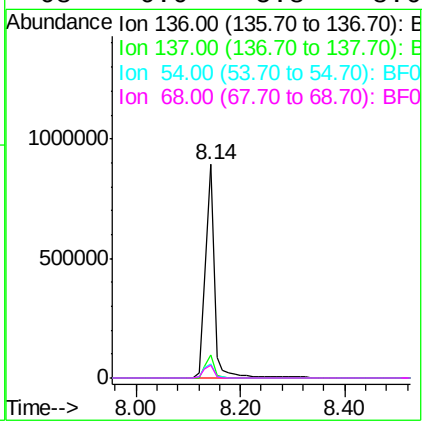


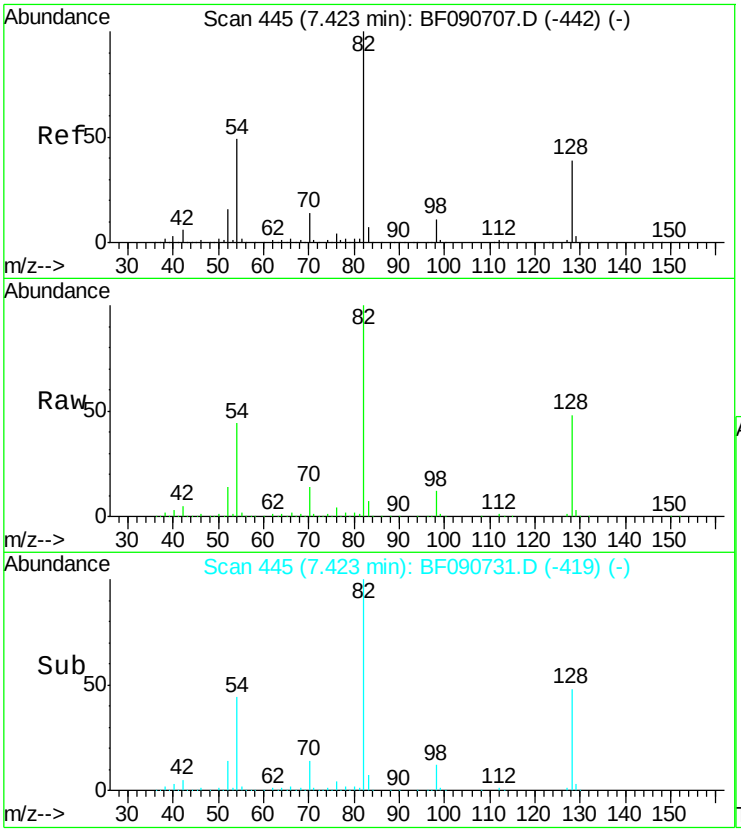


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:136 Resp: 1059251

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.5	8.2	12.2#
68	6.0	5.8	8.6



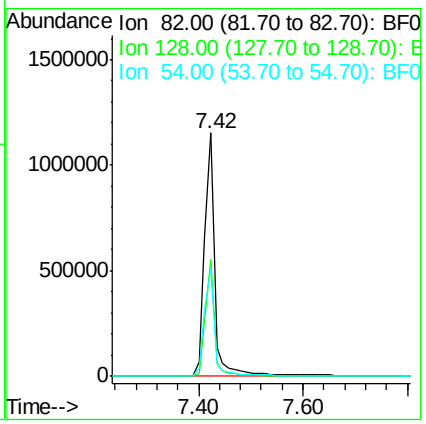


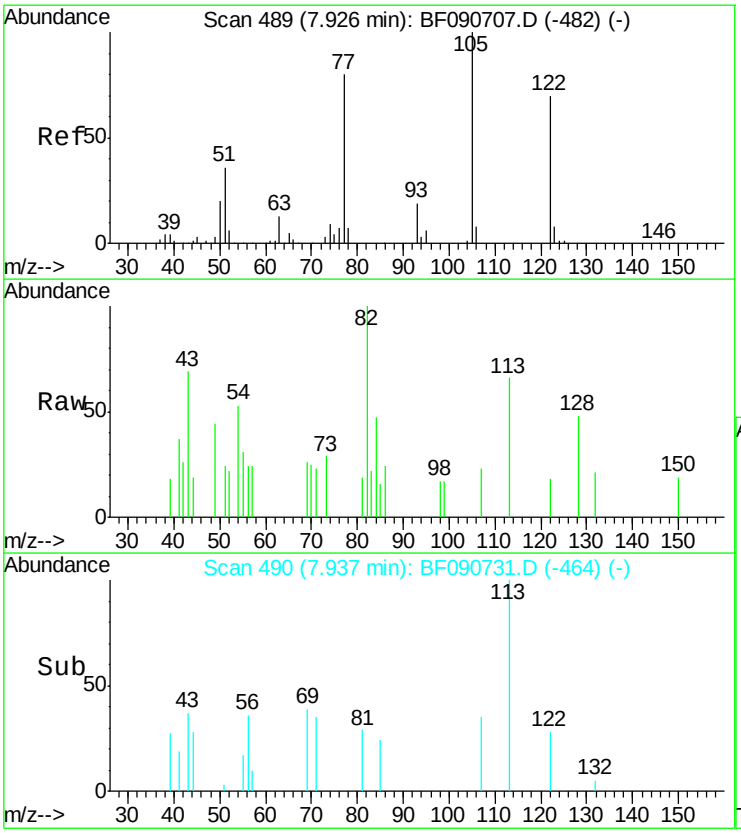
#23
Nitrobenzene-d5
Concen: 81.84 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion: 82 Resp: 1580644

Ion	Ratio	Lower	Upper
82	100		
128	48.0	51.0	76.6#
54	44.4	47.5	71.3#

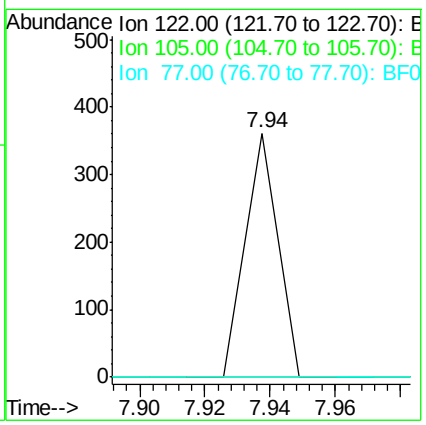


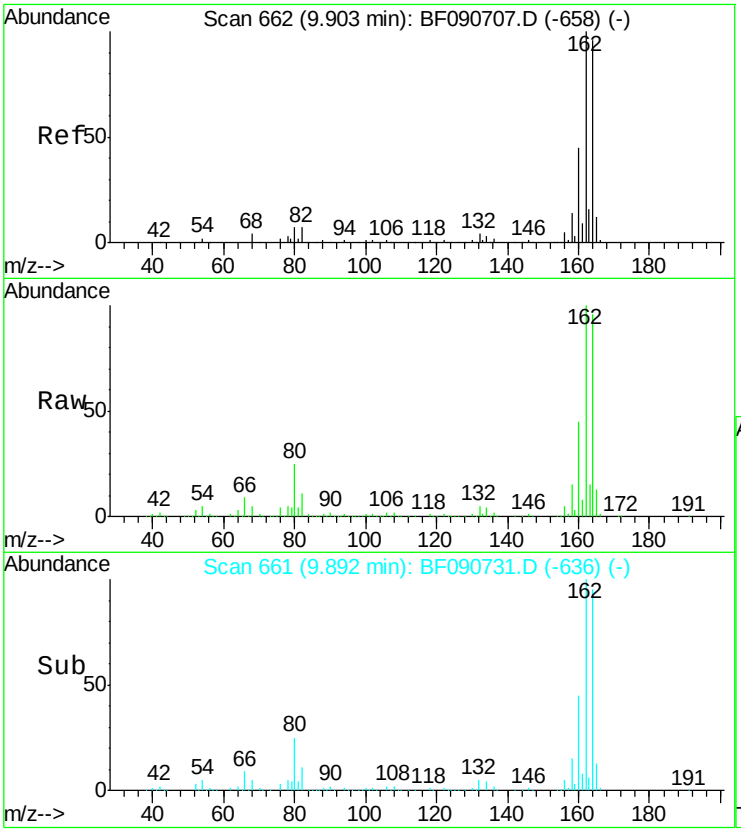


#32
Benzoic acid
Concen: 7.57 ng
RT: 7.94 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:122 Resp: 248

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	0.0	40.5	80.5#



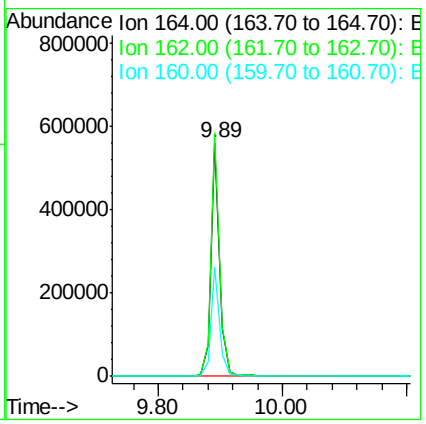


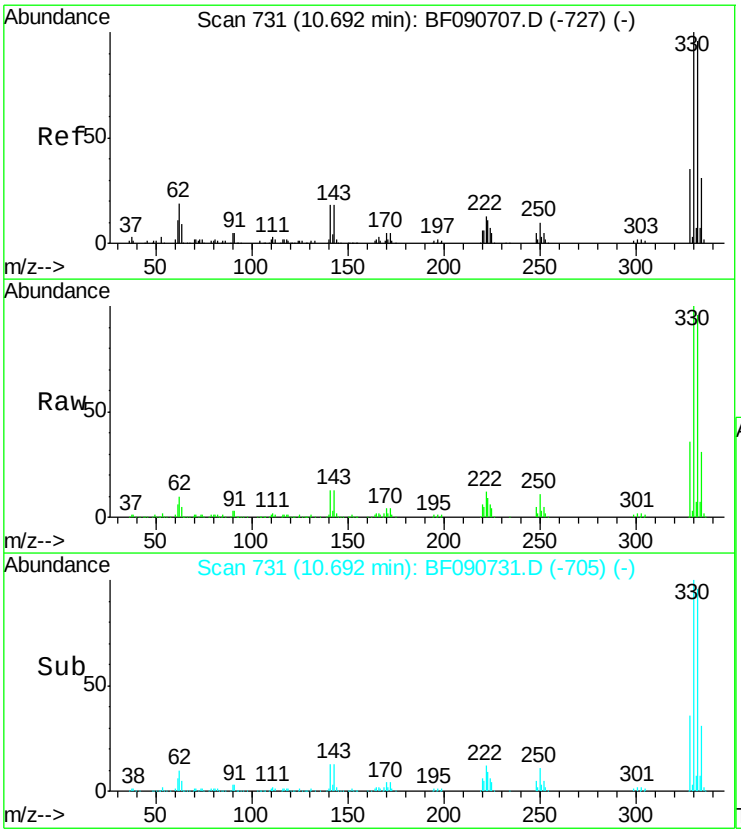
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:164 Resp: 539708

Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	46.8	31.5	47.3

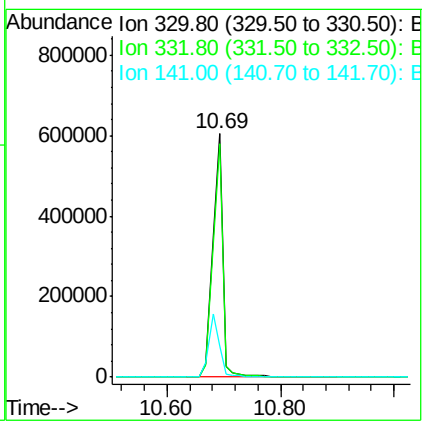


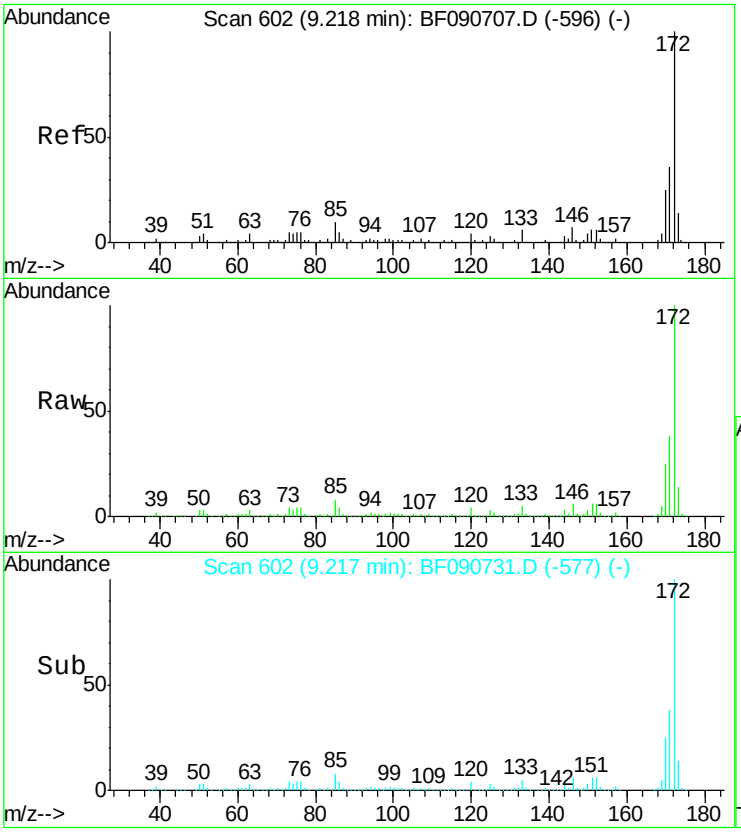


#41
2,4,6-Tribromophenol
Concen: 171.29 ng
RT: 10.69 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:330 Resp: 731703

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	28.0	29.7	44.5#



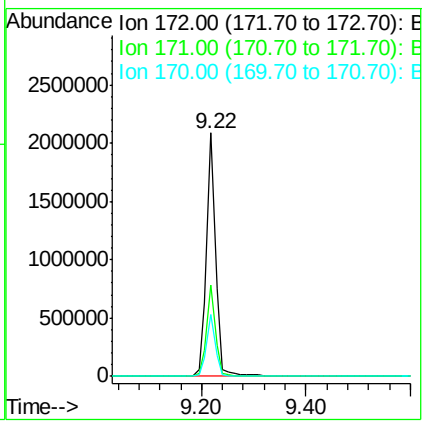


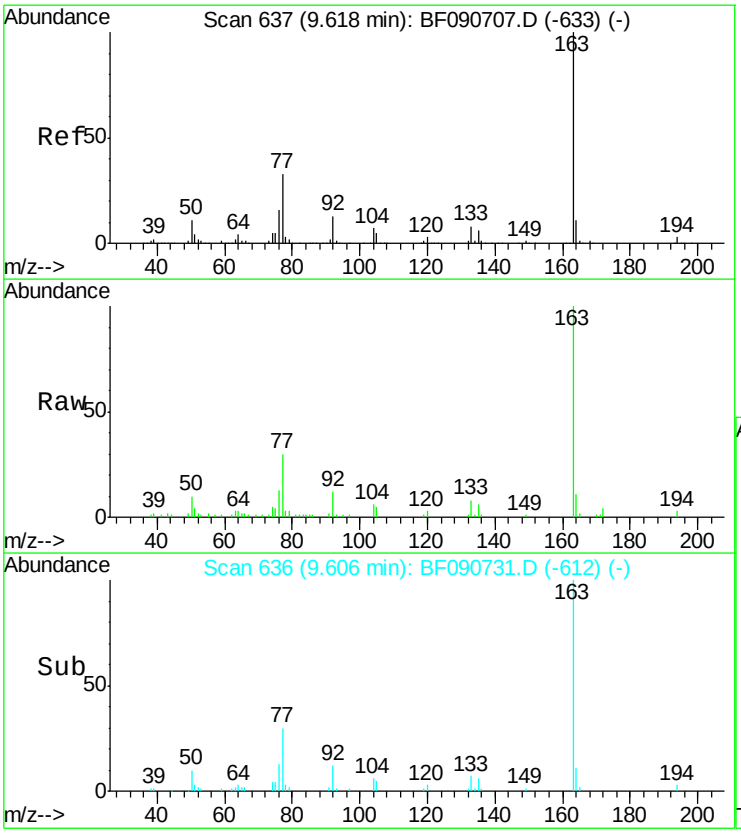
#44
2-Fluorobiphenyl
Concen: 74.13 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:172 Resp: 2577125

Ion	Ratio	Lower	Upper
172	100		
171	37.5	26.1	39.1
170	25.5	17.4	26.2

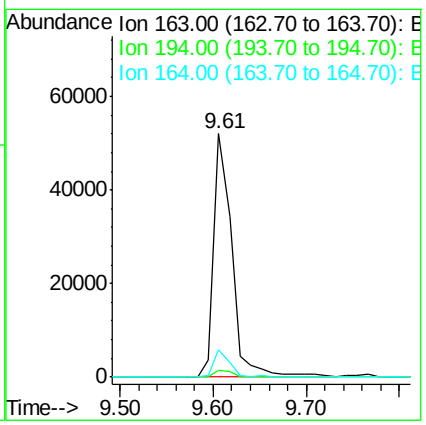


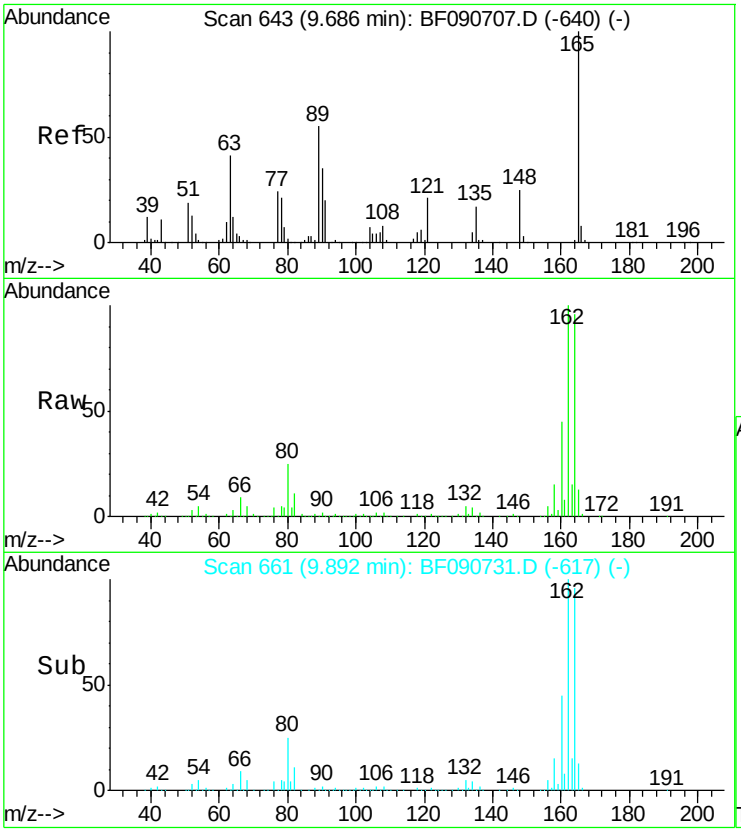


#49
Dimethylphthalate
Concen: 2.08 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:163 Resp: 70389

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	11.3	8.3	12.5



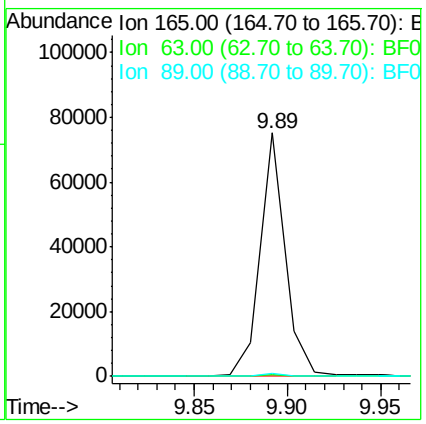


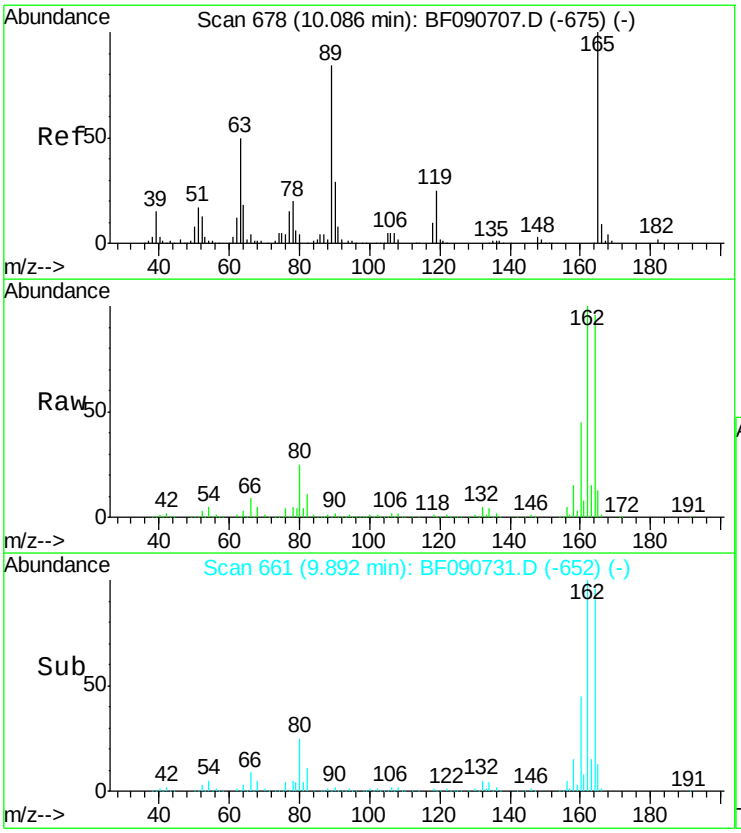
#50
2,6-Dinitrotoluene
Concen: 9.60 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:165 Resp: 70045

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.0	28.6	43.0#

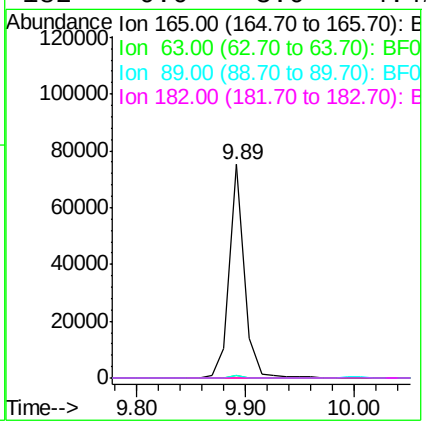


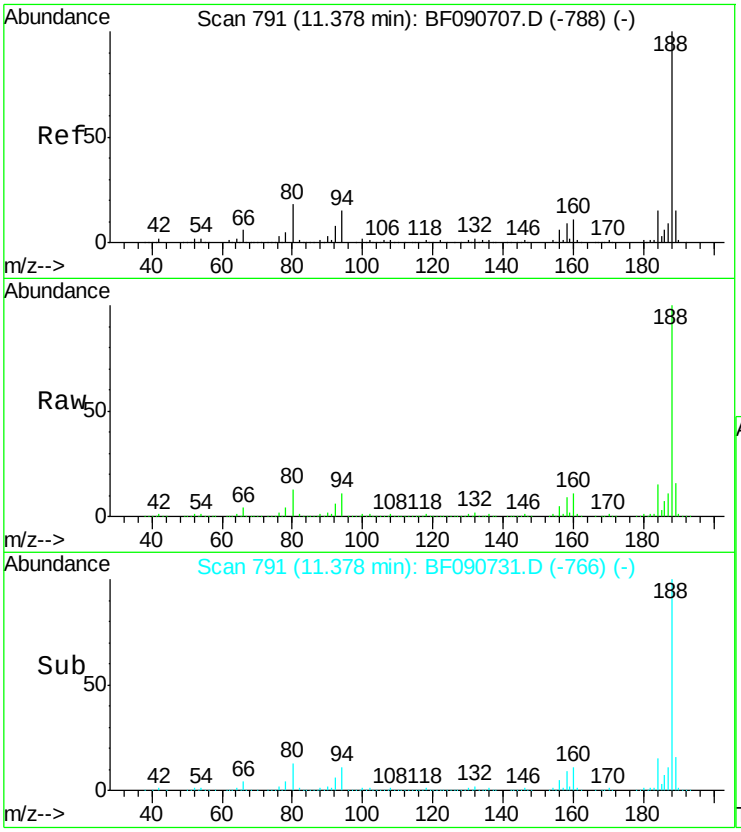


#56
2,4-Dinitrotoluene
Concen: 7.95 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:165 Resp: 70832

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#



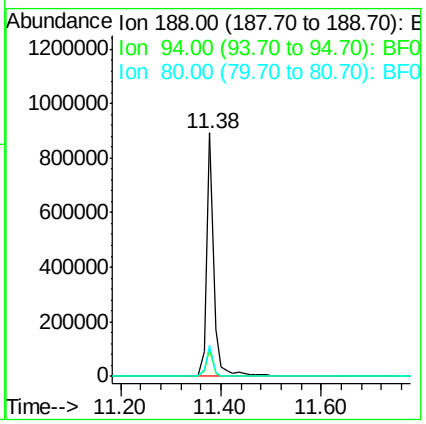


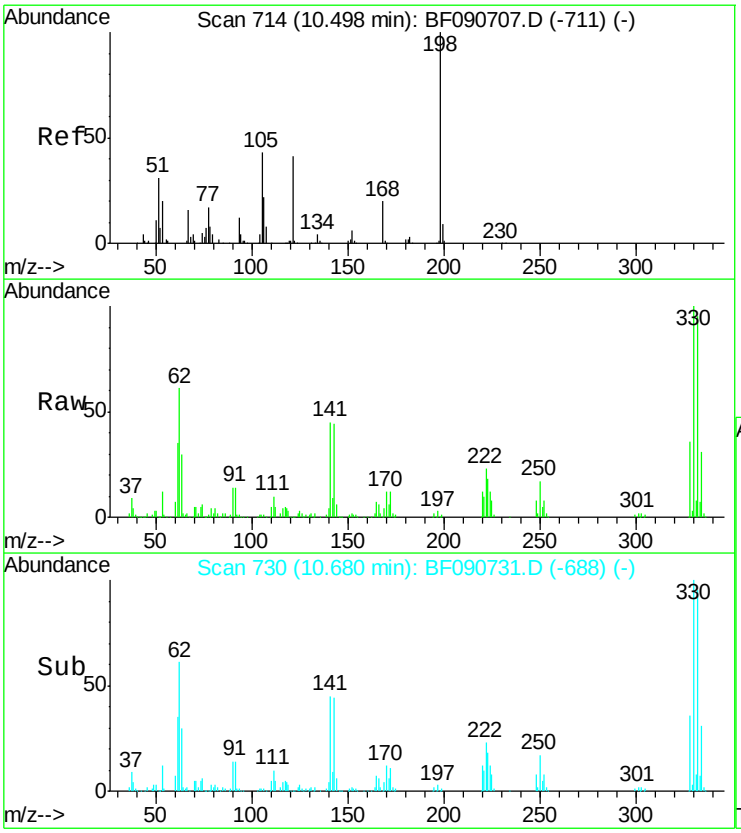
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:188 Resp: 890273

Ion	Ratio	Lower	Upper
188	100		
94	11.5	11.1	16.7
80	13.0	11.0	16.4

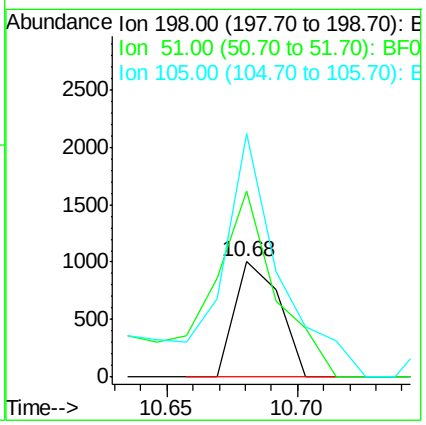


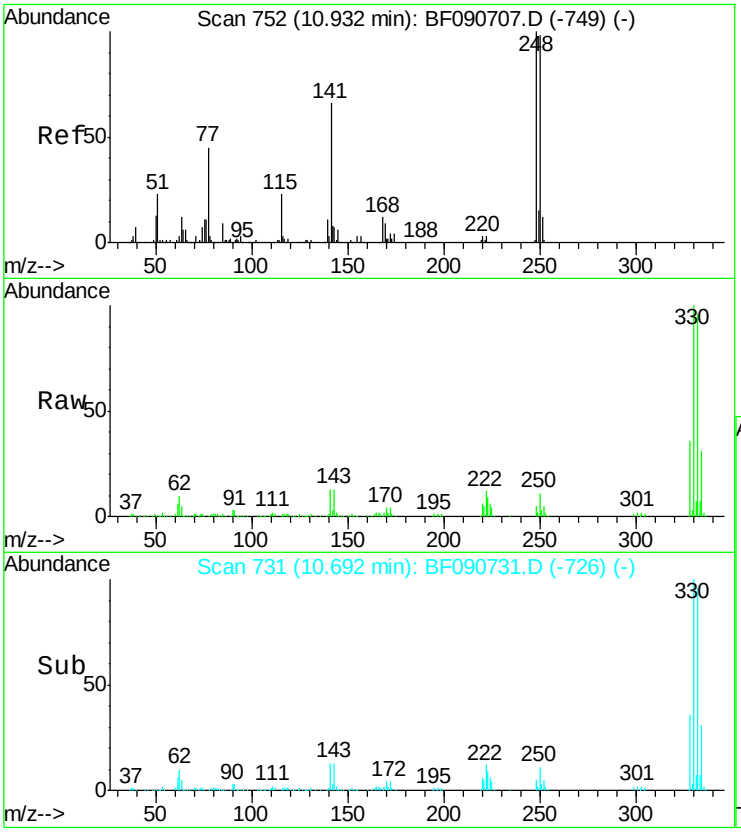


#64
4,6-Dinitro-2-methylphenol
Concen: 4.37 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:198 Resp: 1208

Ion	Ratio	Lower	Upper
198	100		
51	162.1	39.6	79.6#
105	211.6	28.5	68.5#



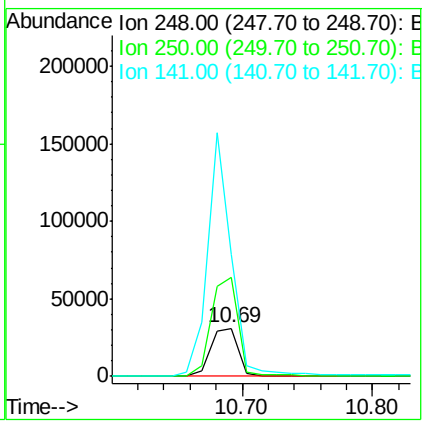


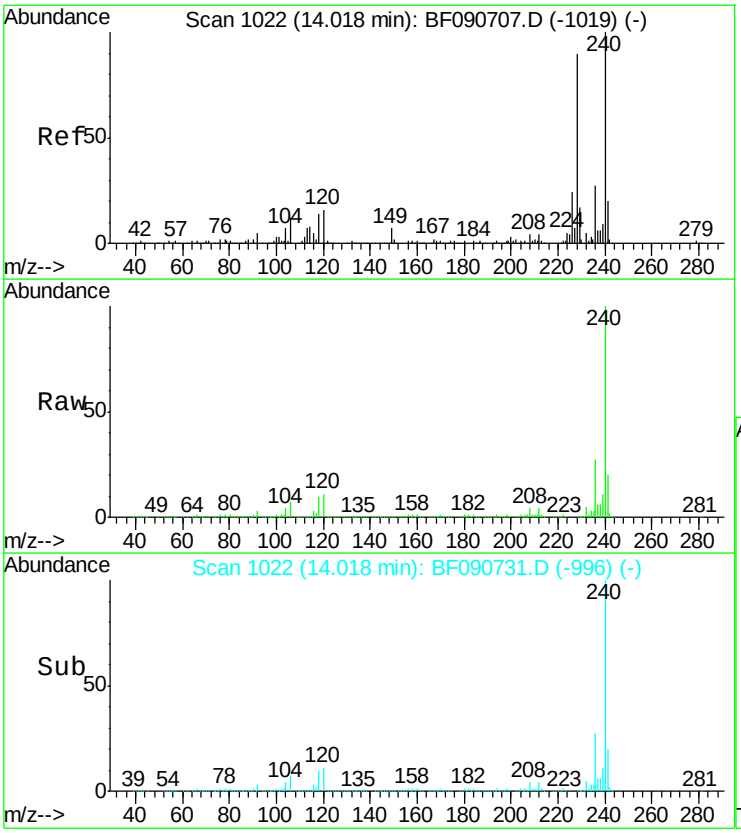
#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:248 Resp: 46311

Ion	Ratio	Lower	Upper
248	100		
250	205.7	78.5	117.7#
141	253.1	59.0	88.6#

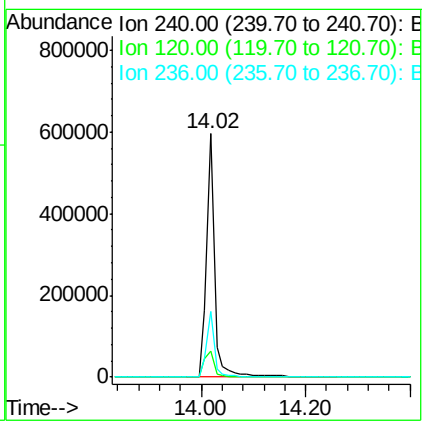


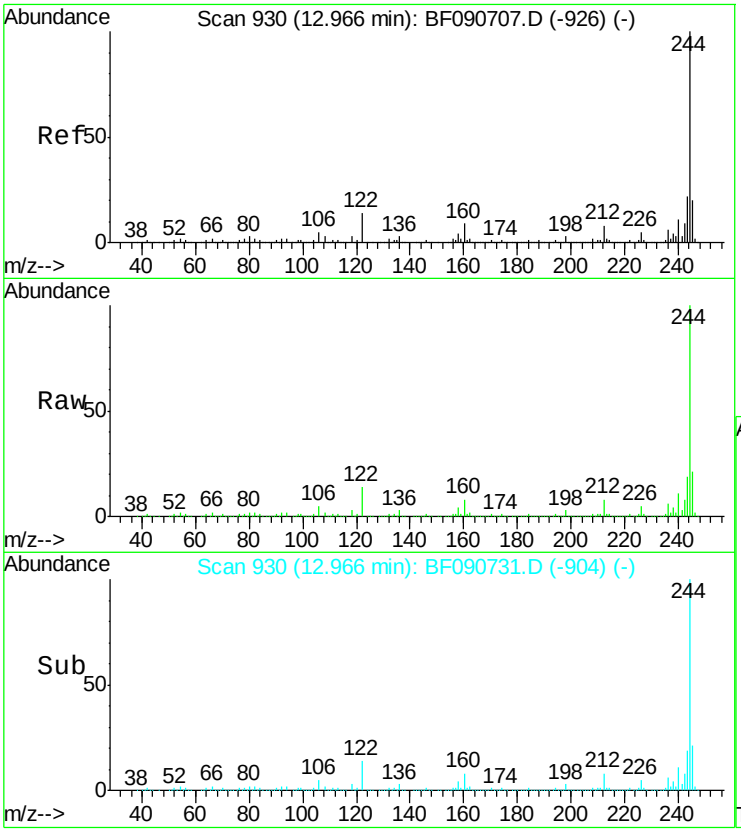


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:240 Resp: 648686

Ion	Ratio	Lower	Upper
240	100		
120	10.8	16.2	24.2#
236	26.9	18.4	27.6



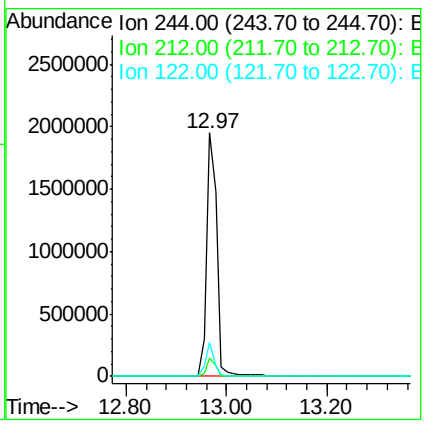


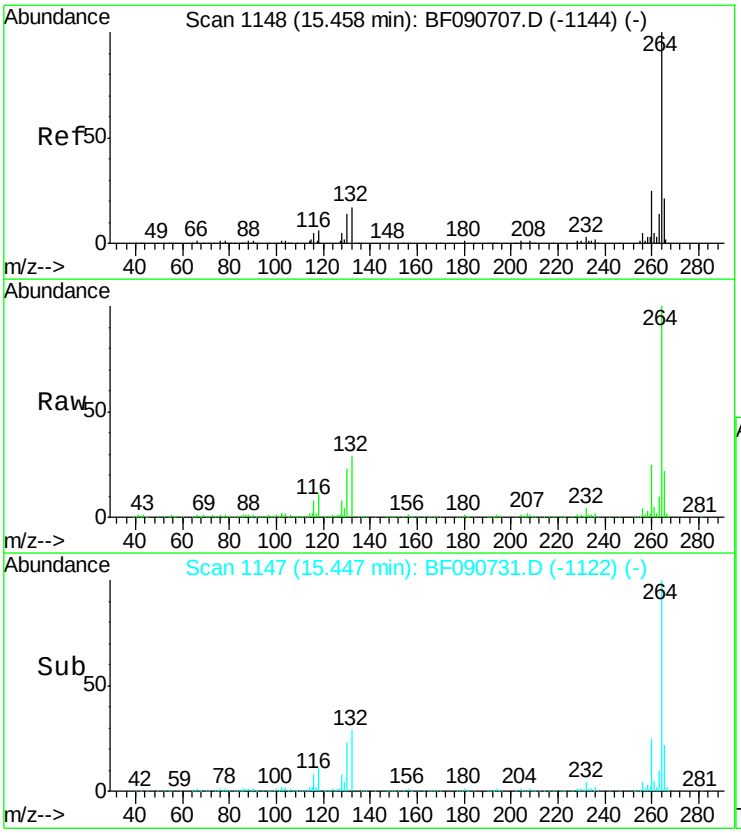
#78
Terphenyl-d14
Concen: 96.86 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:244 Resp: 2741498

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	13.9	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090731.D
Acq: 22 Oct 2016 00:59

Tgt Ion:264 Resp: 416309

Ion	Ratio	Lower	Upper
264	100		
260	25.5	16.7	25.1#
265	22.0	17.2	25.8