Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087009.D
Acq On : 14 May 2016 9:55
Operator : UM/SJ
Sample : H2947-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-13

Quant Time: May 16 01:04:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	451363	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	548326	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	269007	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	472233	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	372548	20.00	ng	-0.09
86) Perylene-d12	15.11	264	283276	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	512992	19.25	ng	-0.09
7) Phenol-d6	6.27	99	441884	12.41	ng	-0.09
23) Nitrobenzene-d5	7.19	82	996096	91.22	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	371877	130.58	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1517209	94.79	ng	-0.08
78) Terphenyl-d14	12.71	244	1283795	73.11	ng	-0.09
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	143918	5.78	ng	# 72
25) Isophorone	7.19	82	979007	48.32	ng	# 68
49) Dimethylphthalate	9.38	163	56439	2.75	ng	99
50) 2,6-Dinitrotoluene	9.64	165	33606	7.78	ng	# 22
55) 4-Nitrophenol	9.87	139	1858	5.14	ng	# 1
56) 2,4-Dinitrotoluene	9.64	165	33600	6.29	ng	# 17
66) 4-Bromophenyl-phenylether	10.43	248	22163	4.63	ng	# 1
76) Benzidine	12.71	184	20208	2.13	ng	96

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

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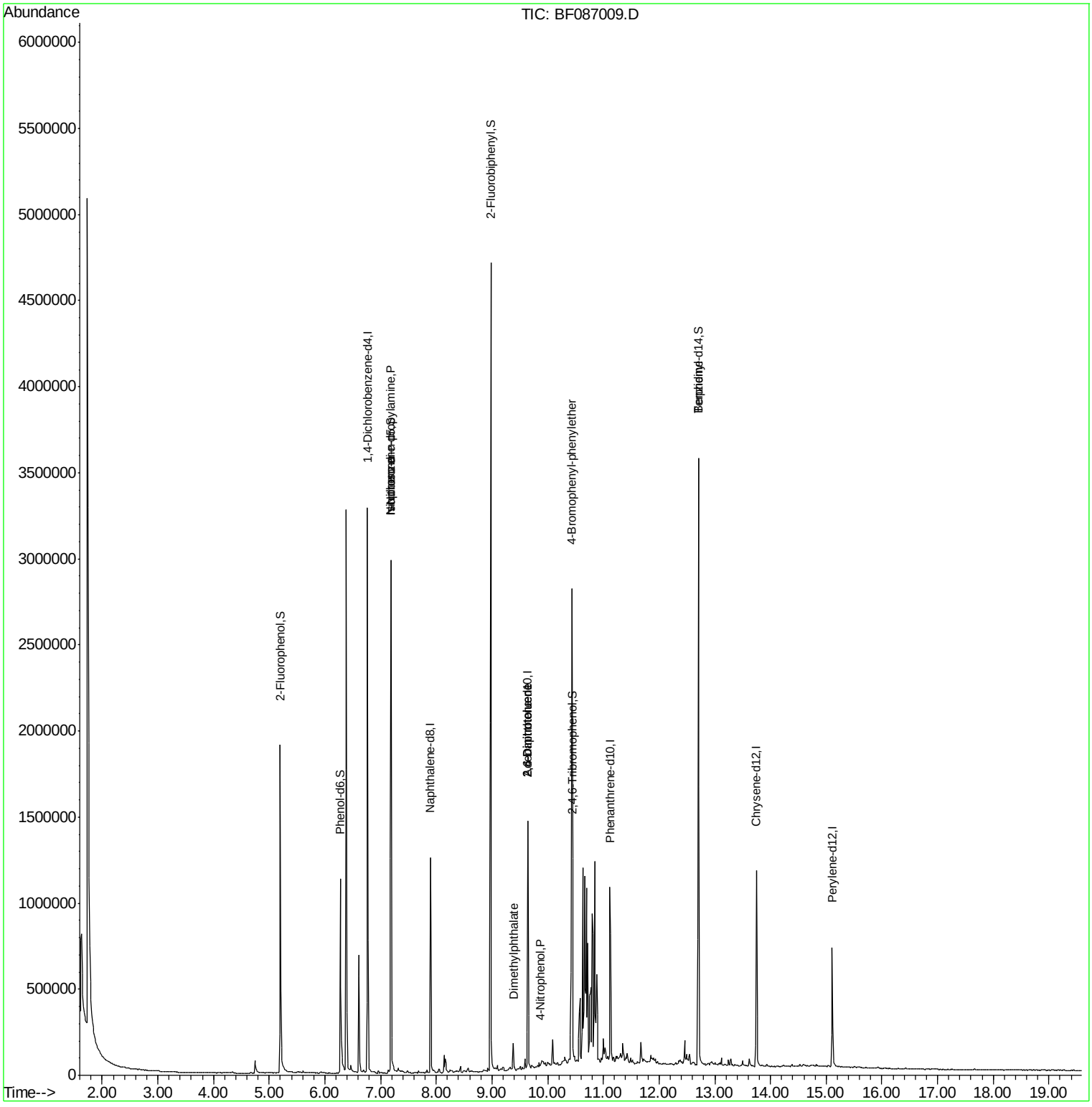
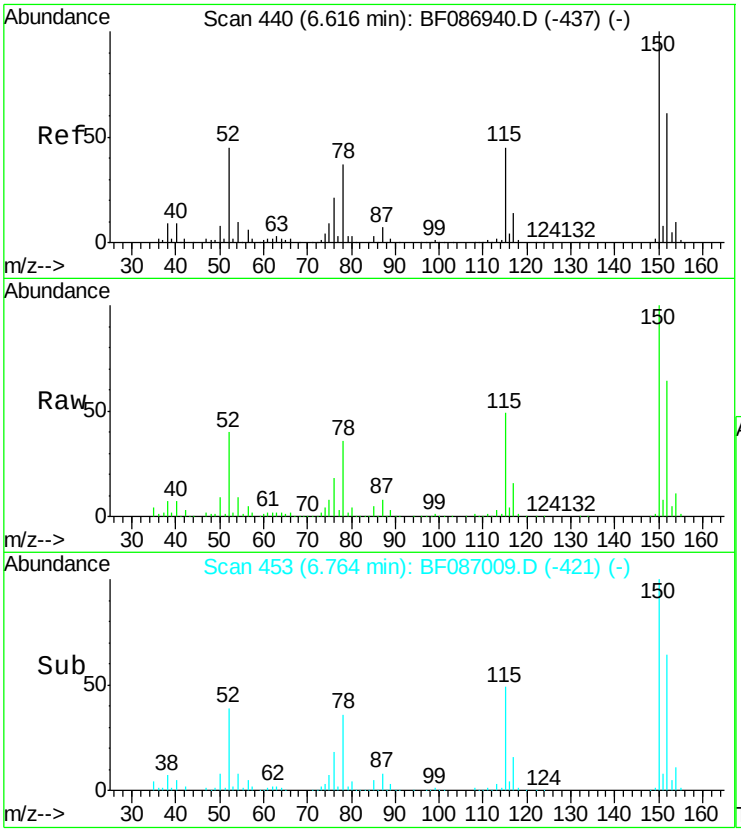


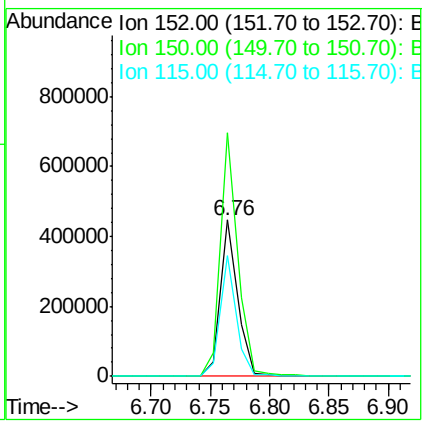


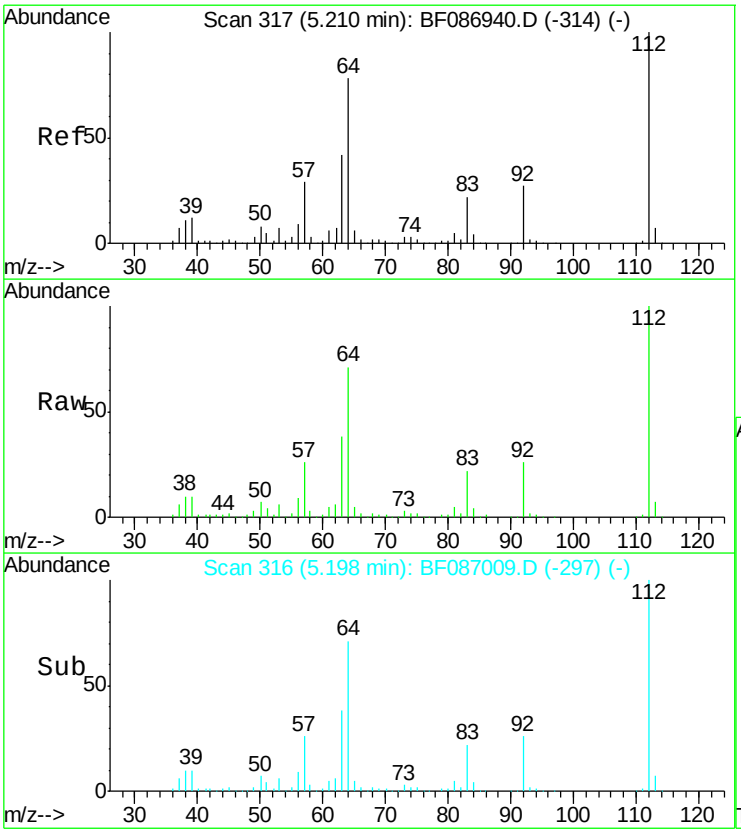
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 451363

Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.8	188.6
115	77.0	51.5	77.3

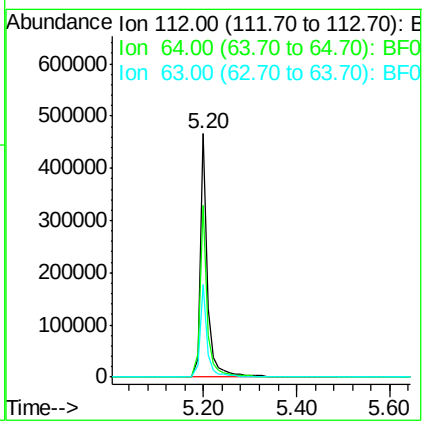


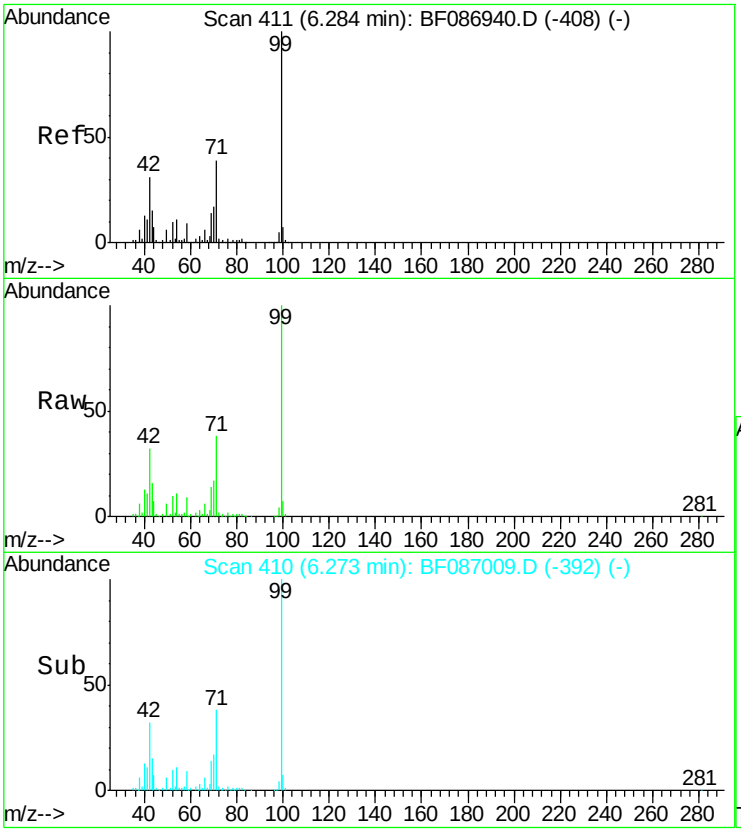


#5
2-Fluorophenol
Concen: 19.25 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:112 Resp: 512992

Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.1	78.1
63	38.2	25.7	38.5



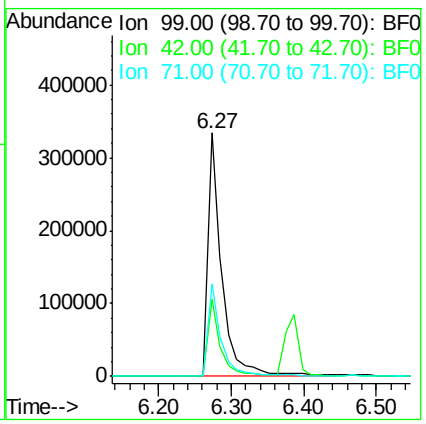


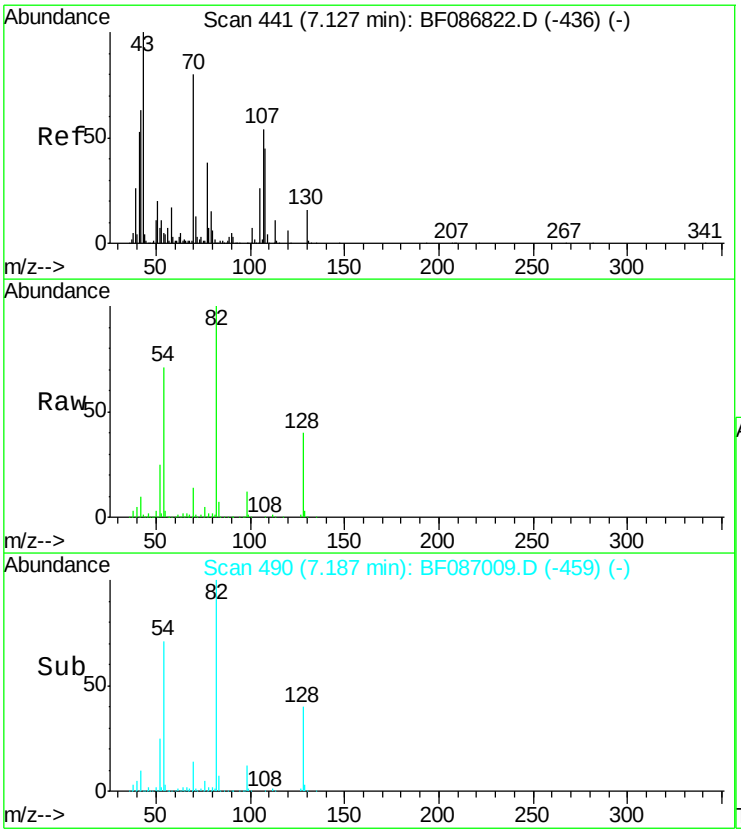
#7
Phenol-d6
Concen: 12.41 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 99 Resp: 441884

Ion	Ratio	Lower	Upper
99	100		
42	31.8	13.6	20.4#
71	38.1	24.6	36.8#

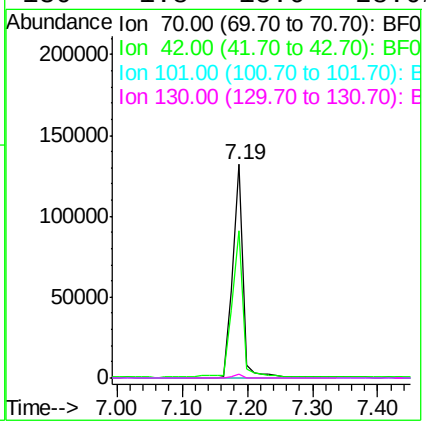


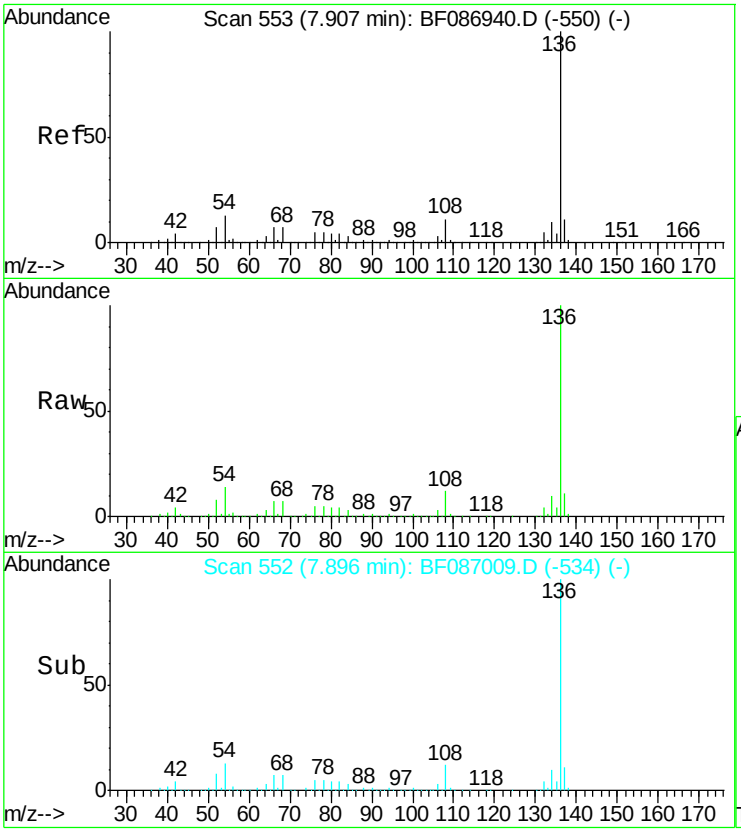


#19
n-Nitroso-di-n-propylamine
Concen: 5.78 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion: 70 Resp: 143918

Ion	Ratio	Lower	Upper
70	100		
42	68.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



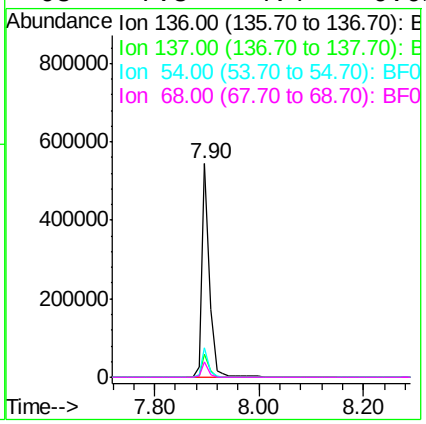


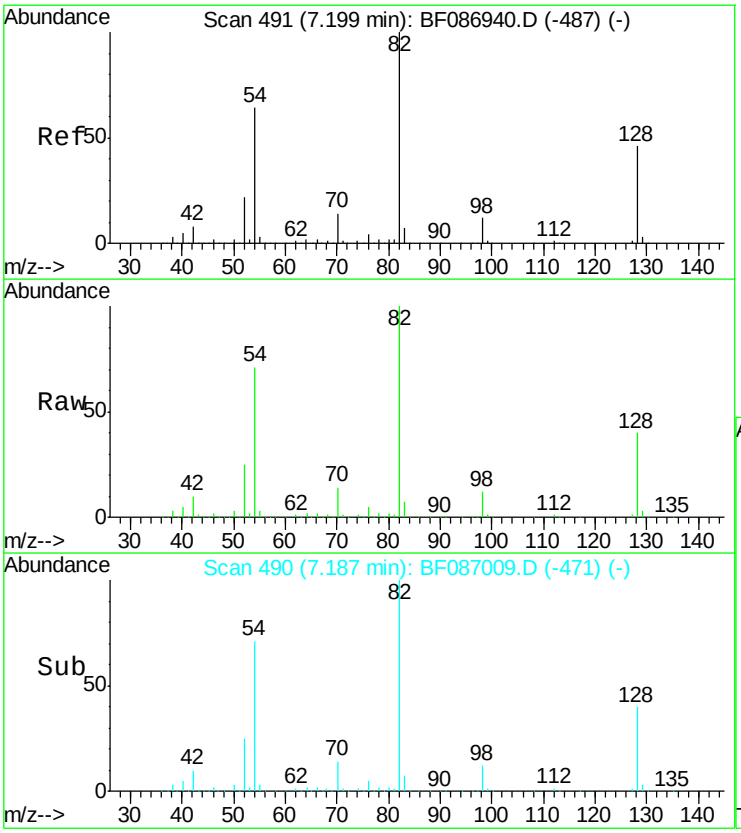
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:136 Resp: 548326

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.6	5.0	7.4#
68	7.3	4.4	6.6#

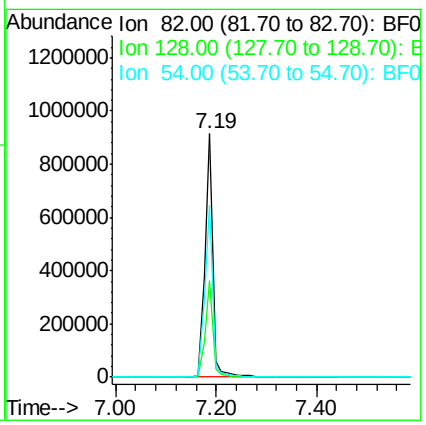


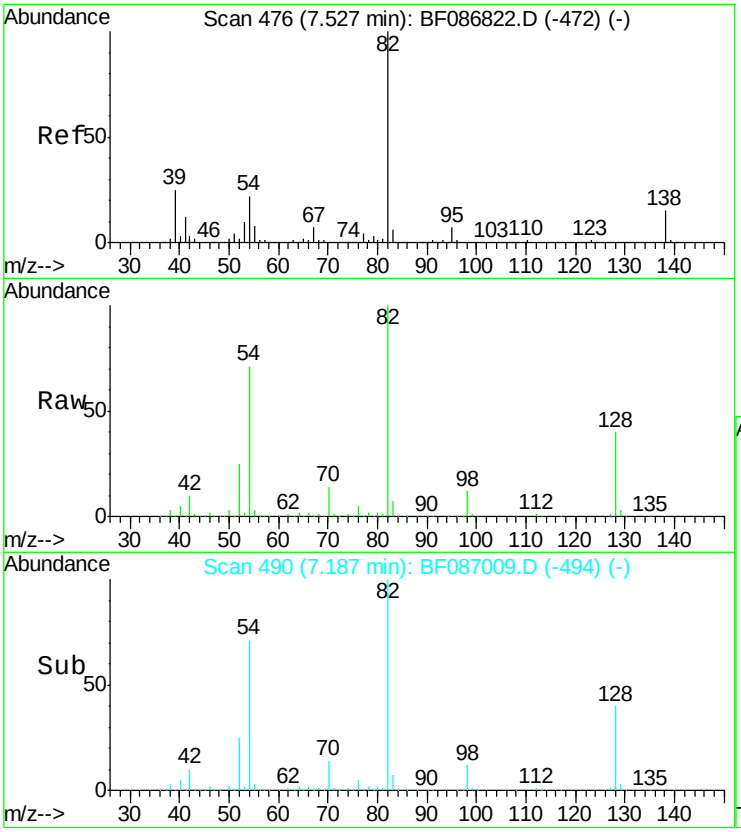


#23
Nitrobenzene-d5
Concen: 91.22 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion: 82 Resp: 996096

Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	61.0#
54	70.6	38.1	57.1#



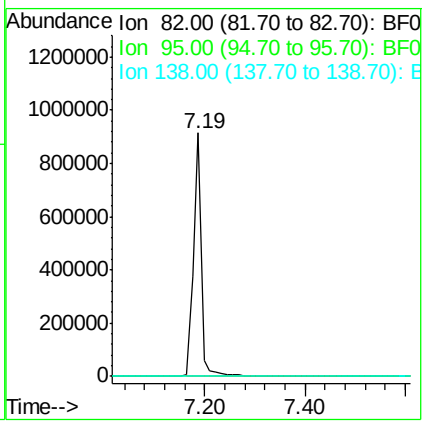


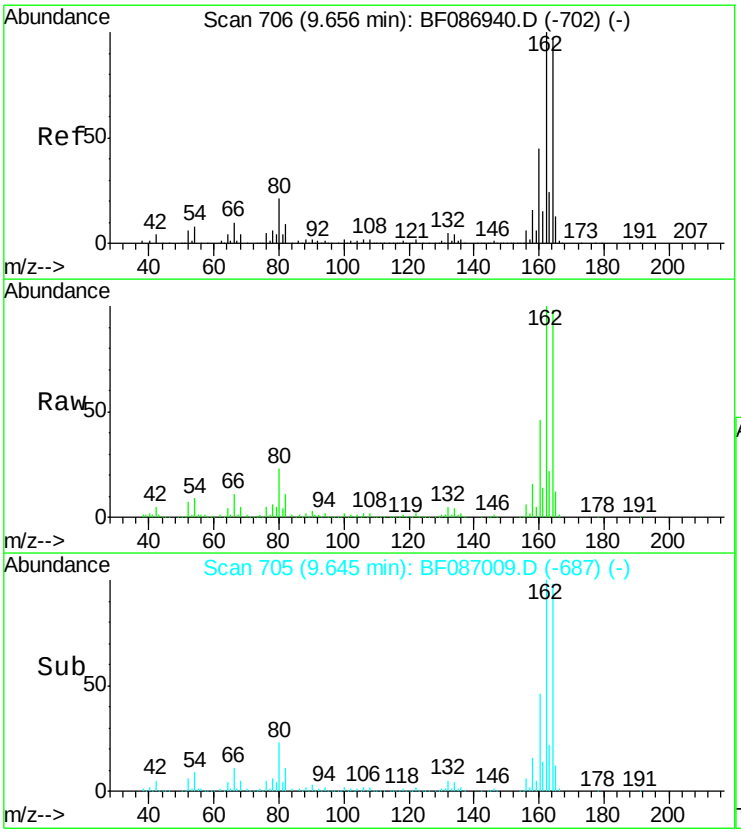
#25
Isophorone
Concen: 48.32 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 82 Resp: 979007

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

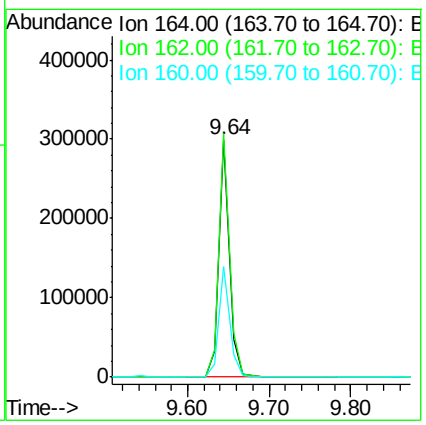


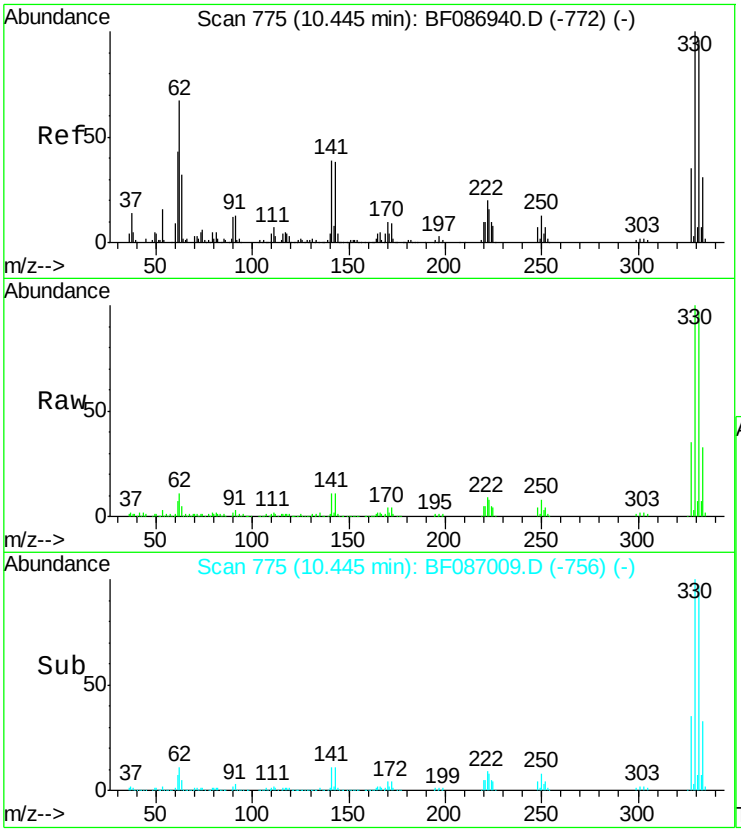


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:164 Resp: 269007

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	46.7	36.9	55.3



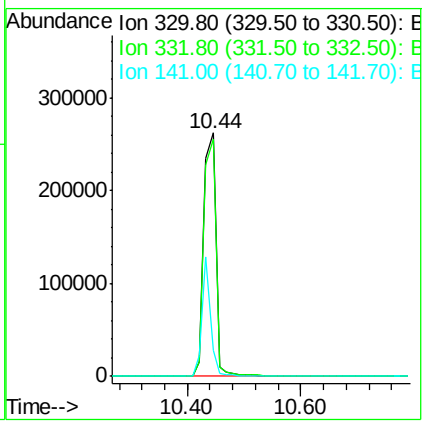


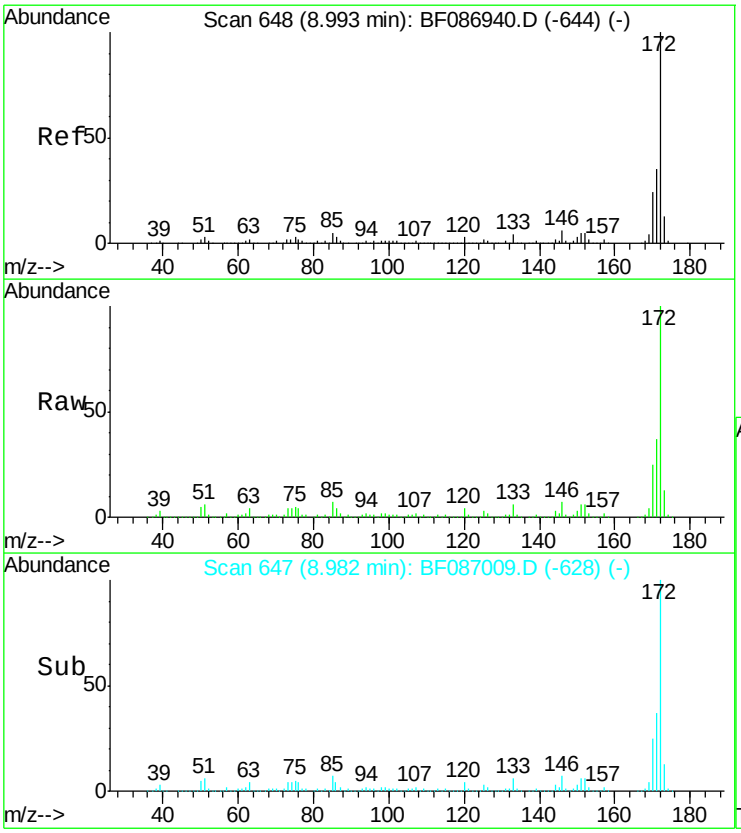
#41
2,4,6-Tribromophenol
Concen: 130.58 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:330 Resp: 371877

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	35.0	31.2	46.8

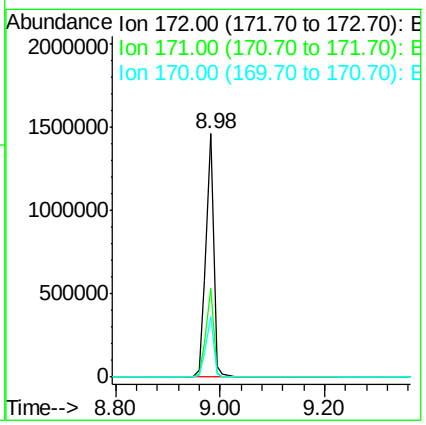


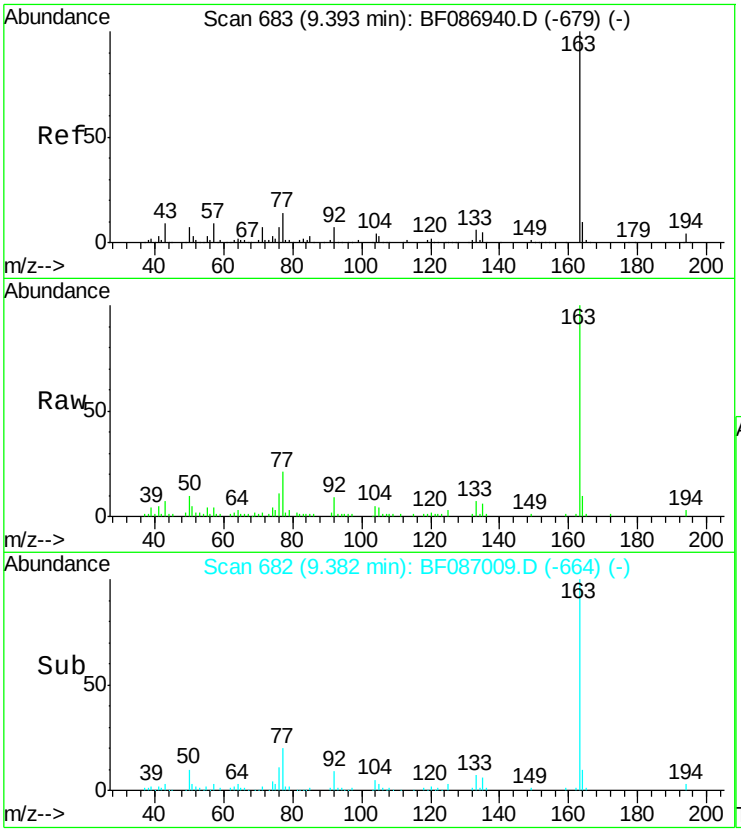


#44
2-Fluorobiphenyl
Concen: 94.79 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:172 Resp: 1517209

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8



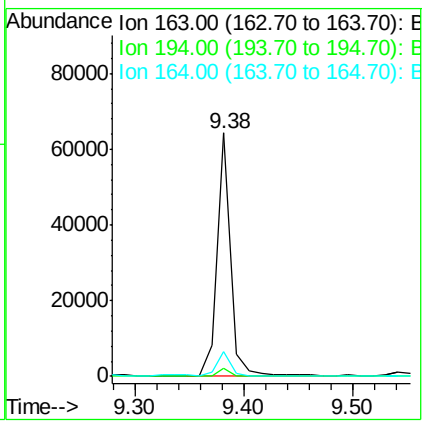


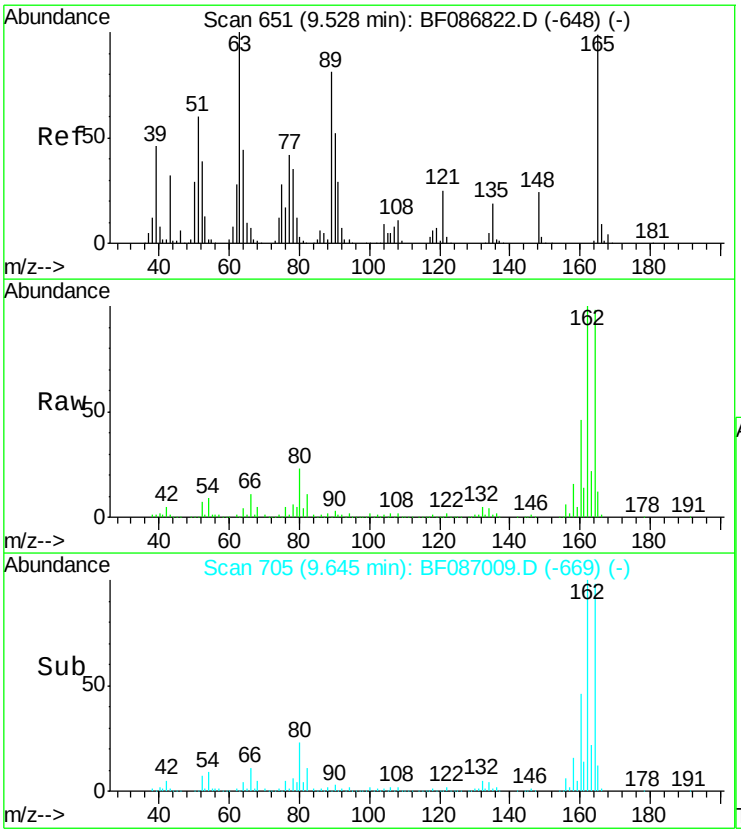
#49
Dimethylphthalate
Concen: 2.75 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:163 Resp: 56439

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.2	12.4

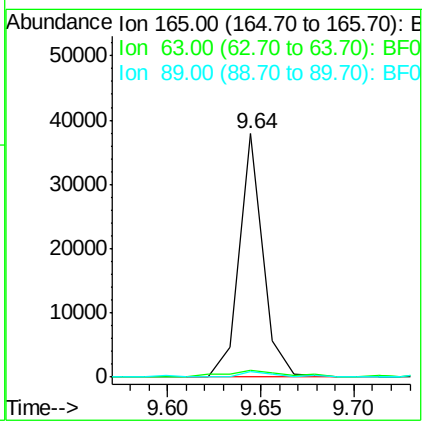


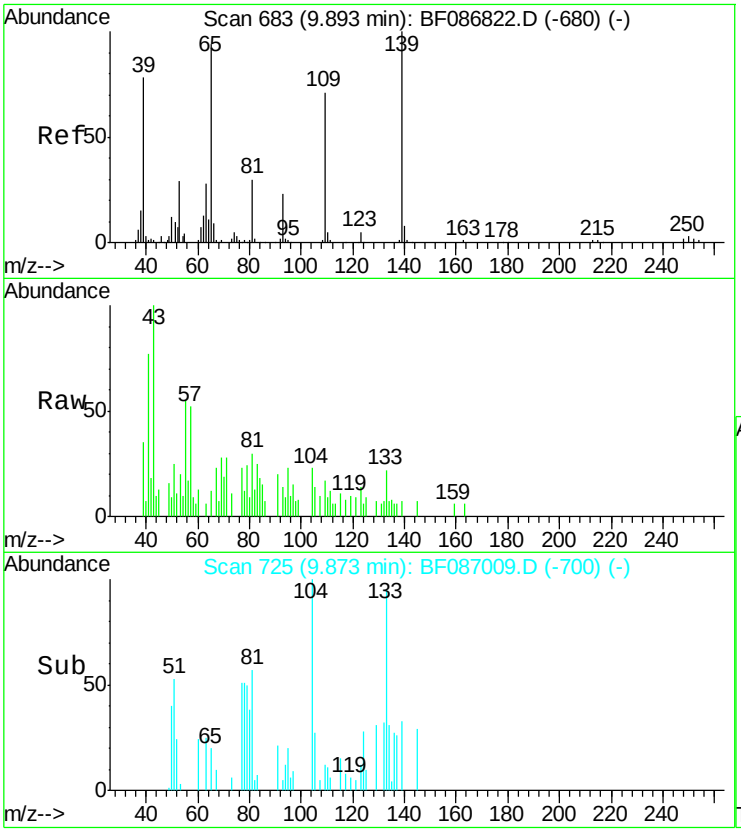


#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.12 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:165 Resp: 33606

Ion	Ratio	Lower	Upper
165	100		
63	2.9	51.8	77.8#
89	2.4	50.7	76.1#



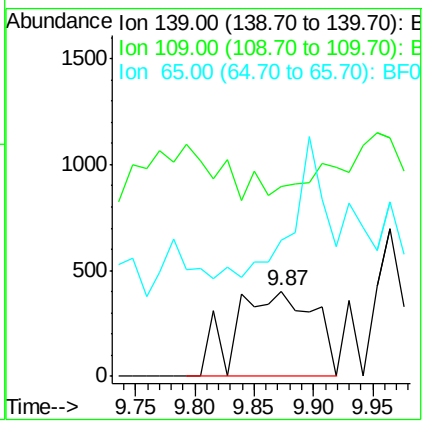


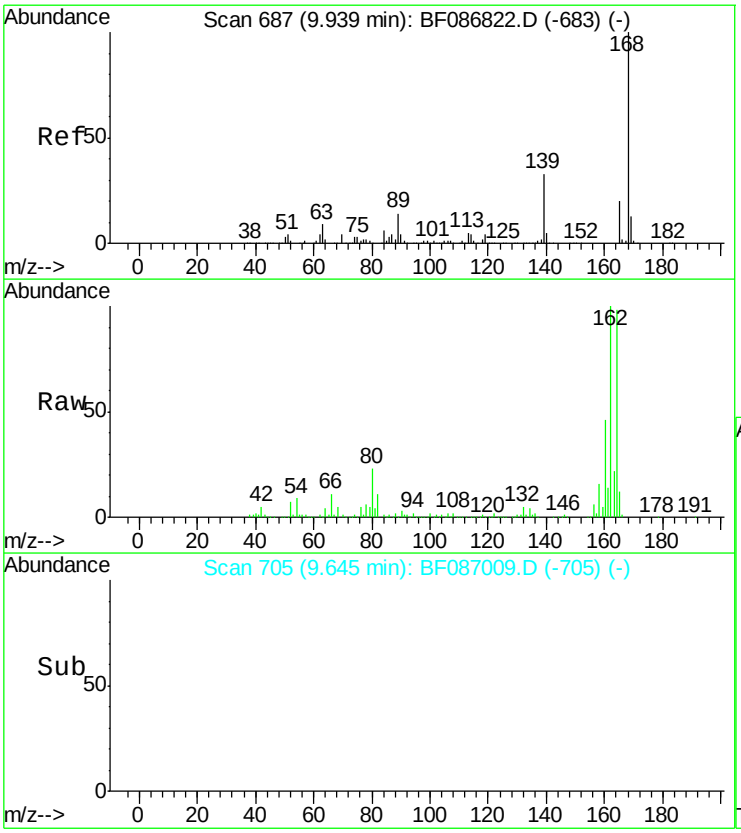
#55
4-Nitrophenol
Concen: 5.14 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:139 Resp: 1858

Ion	Ratio	Lower	Upper
139	100		
109	222.8	36.9	76.9#
65	159.3	64.0	104.0#

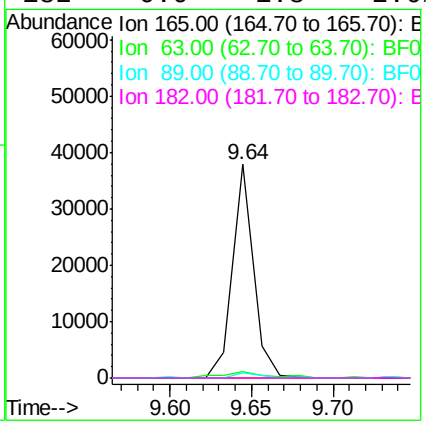


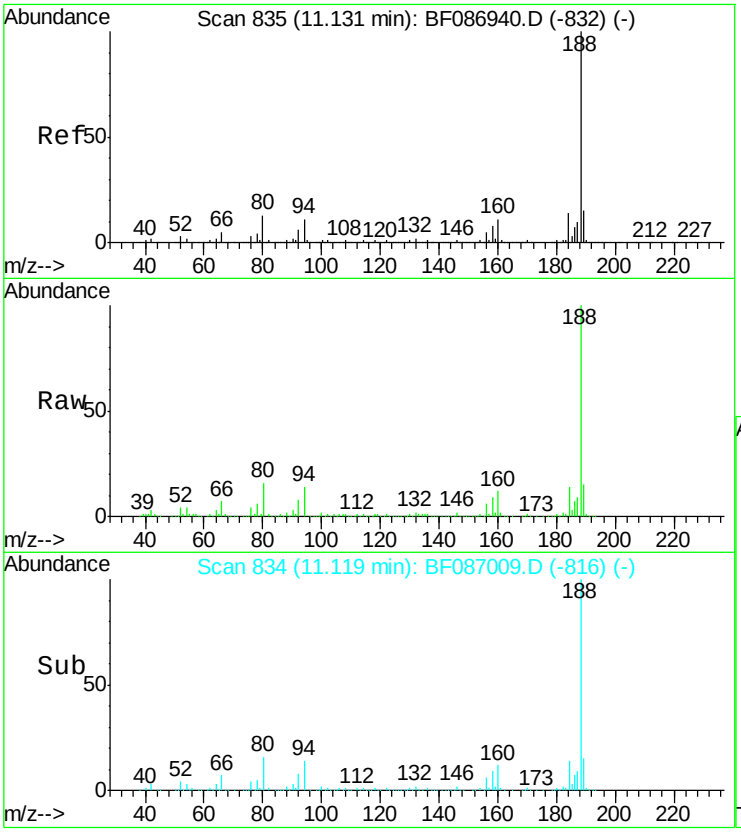


#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:165 Resp: 33600

Ion	Ratio	Lower	Upper
165	100		
63	2.9	44.3	66.5#
89	2.4	70.0	105.0#
182	0.0	1.8	2.6#



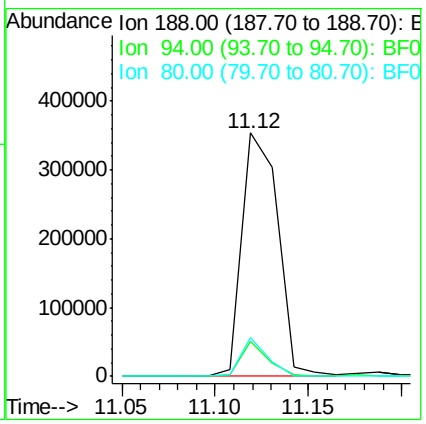


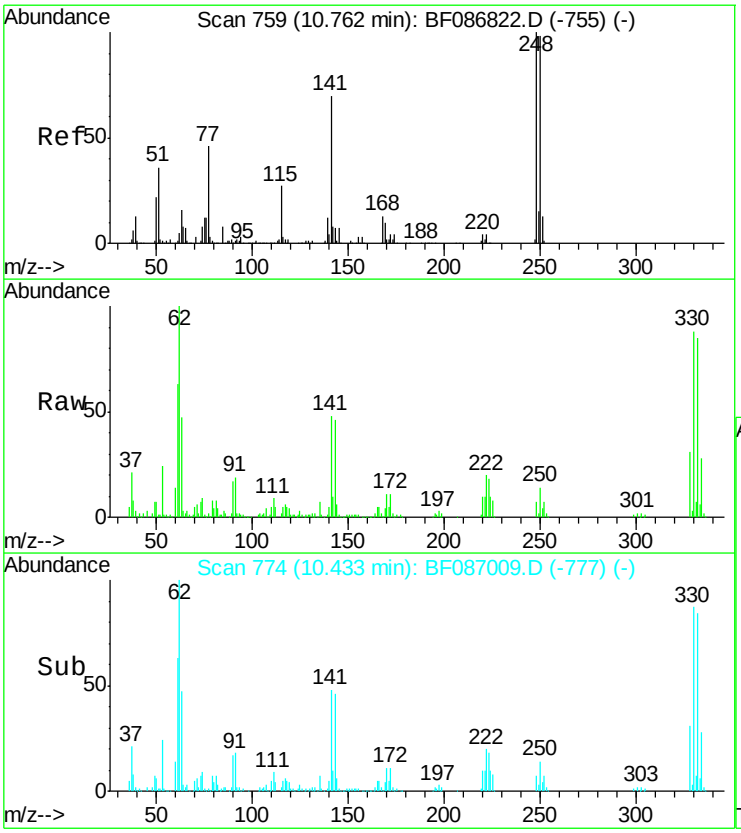
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:188 Resp: 472233

Ion	Ratio	Lower	Upper
188	100		
94	14.1	6.8	10.2#
80	16.1	7.1	10.7#

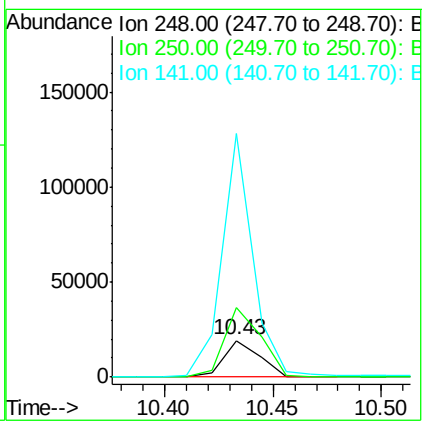


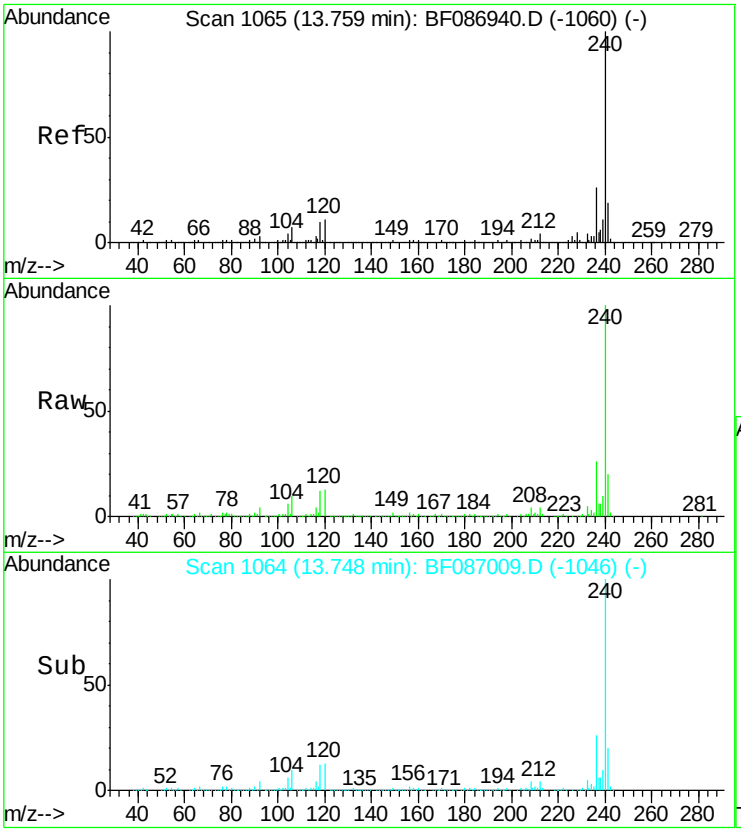


#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:248 Resp: 22163

Ion	Ratio	Lower	Upper
248	100		
250	190.5	78.6	117.8#
141	665.1	76.0	114.0#



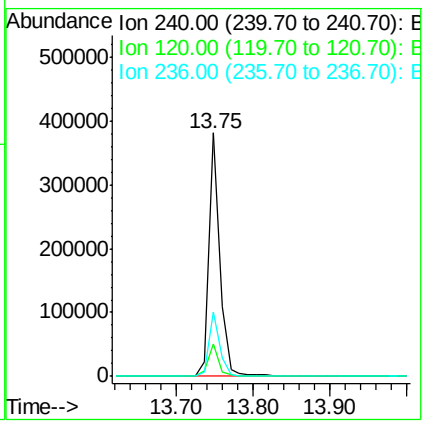


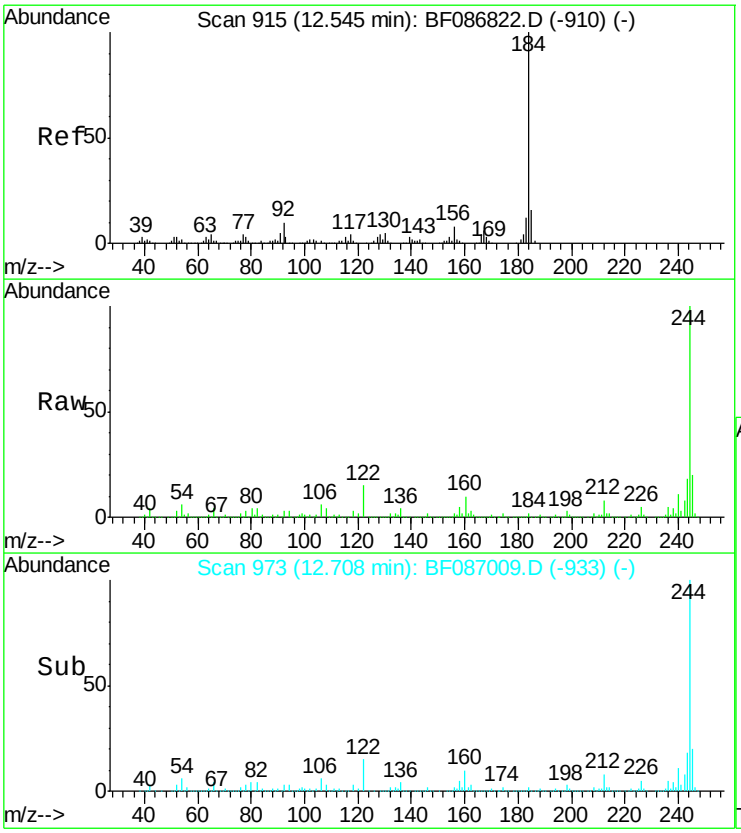
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:240 Resp: 372548

Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.2	16.8
236	26.3	21.2	31.8

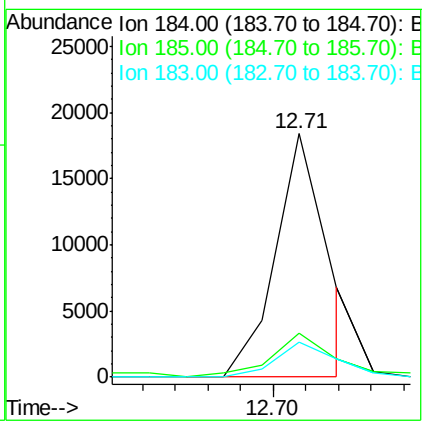


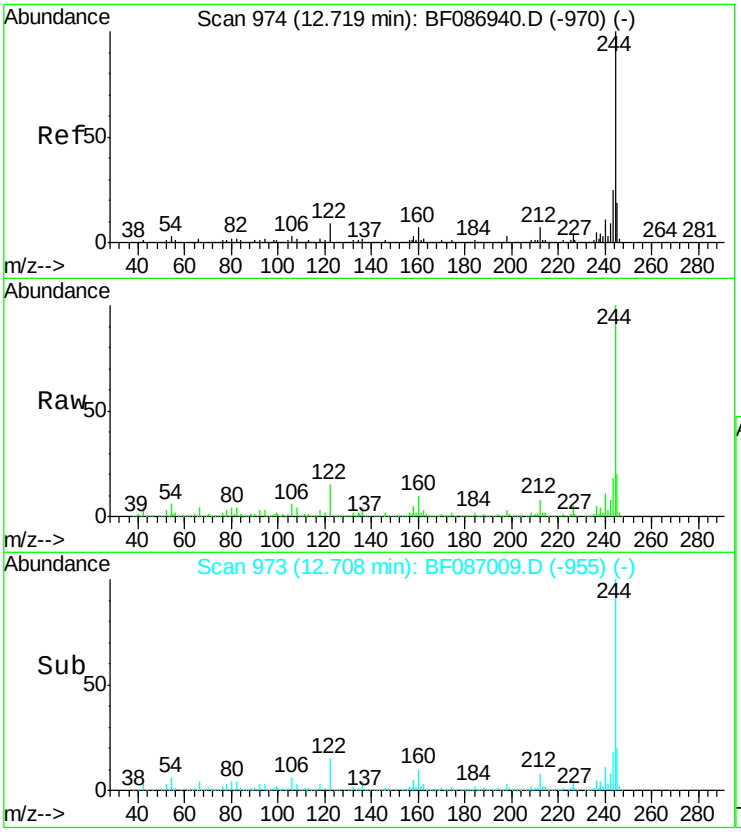


#76
Benzidine
Concen: 2.13 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.16 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:184 Resp: 20208

Ion	Ratio	Lower	Upper
184	100		
185	18.2	13.6	20.4
183	14.1	9.8	14.6



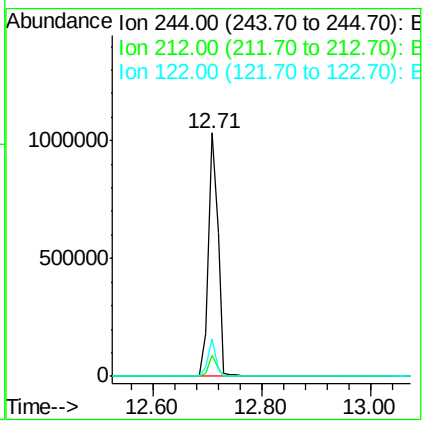


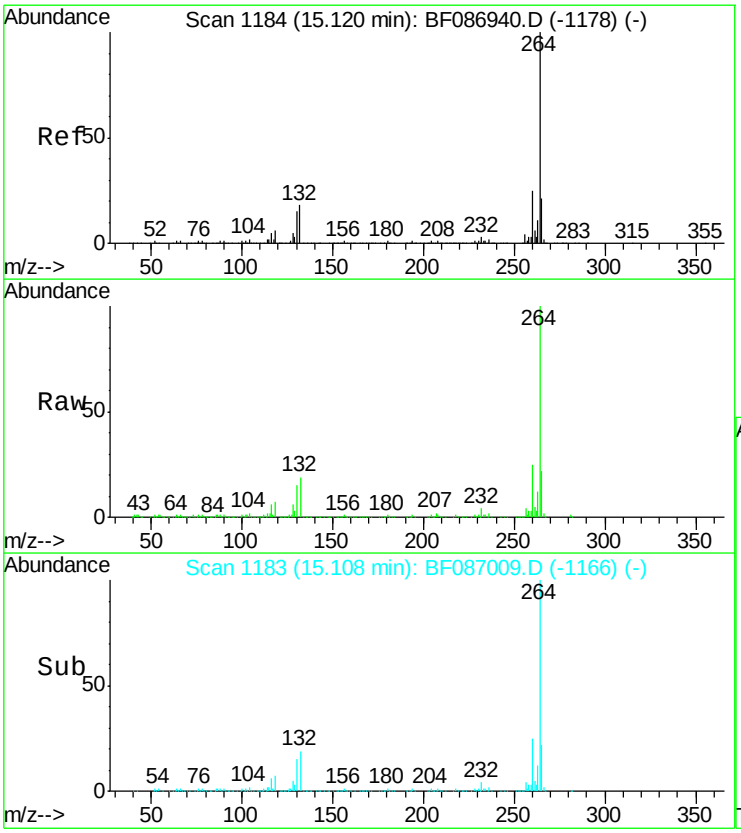
#78
Terphenyl-d14
Concen: 73.11 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:244 Resp: 1283795

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.2
122	15.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087009.D
Acq: 14 May 2016 9:55

Tgt Ion:264 Resp: 283276

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9