Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084904.D
Acq On : 6 Feb 2016 11:45
Operator : SJ/IZ
Sample : PB88196BL
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88196BL

Quant Time: Feb 08 01:19:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	162153	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	639529	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	280774	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	502984	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	334525	20.00	ng	-0.03
86) Perylene-d12	15.17	264	322689	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1083844	104.11	ng	-0.02
7) Phenol-d6	6.32	99	1440740	111.63	ng	-0.02
23) Nitrobenzene-d5	7.23	82	852907	75.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	332401	113.50	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1361634	80.09	ng	-0.03
78) Terphenyl-d14	12.76	244	1128521	76.44	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	117978	14.58	ng	# 73
50) 2,6-Dinitrotoluene	9.70	165	34621	7.41	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	34621	5.81	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	19948	3.59	ng	# 1
76) Benzidine	12.51	184	7021	7.28	ng	98

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
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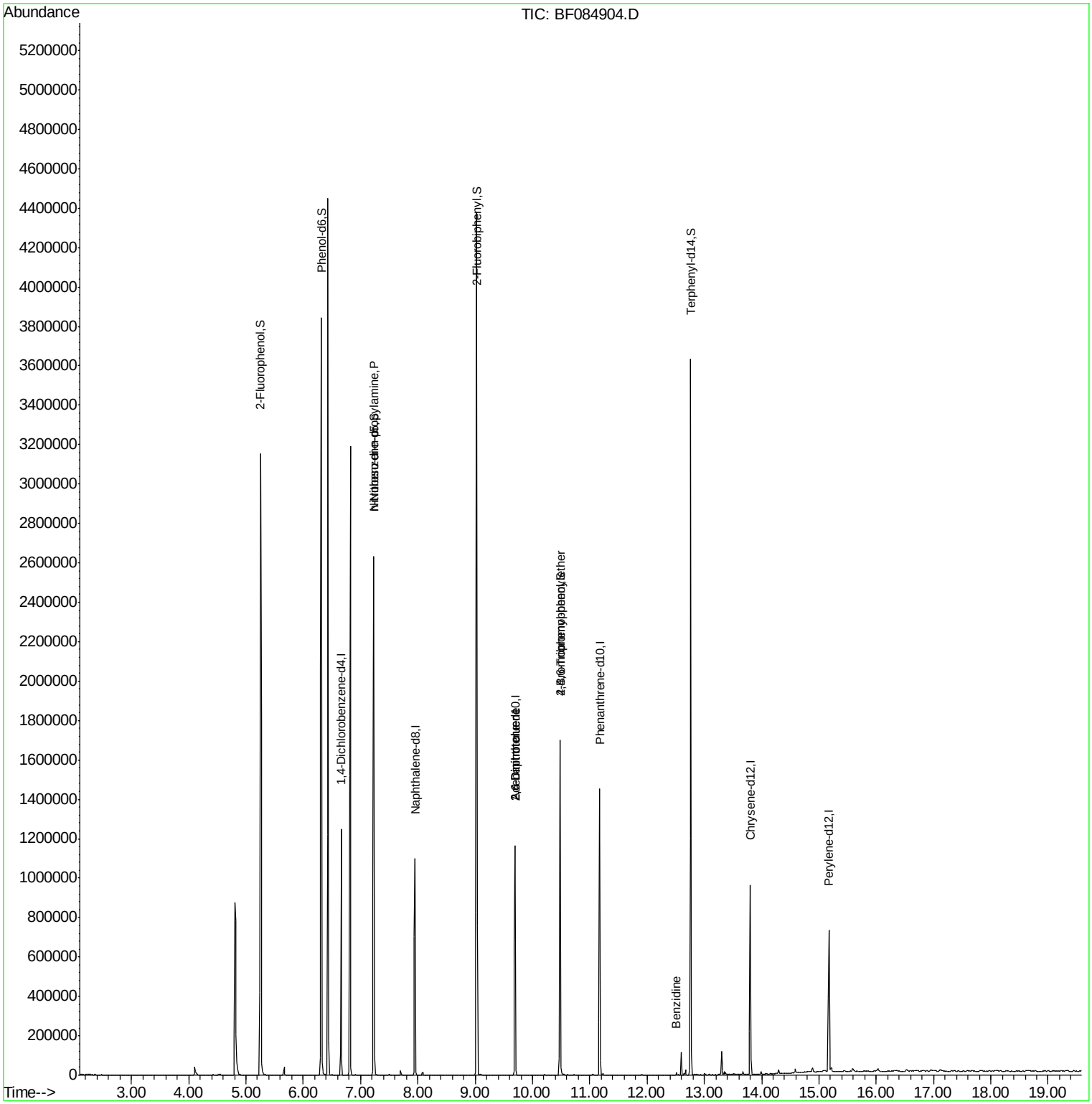
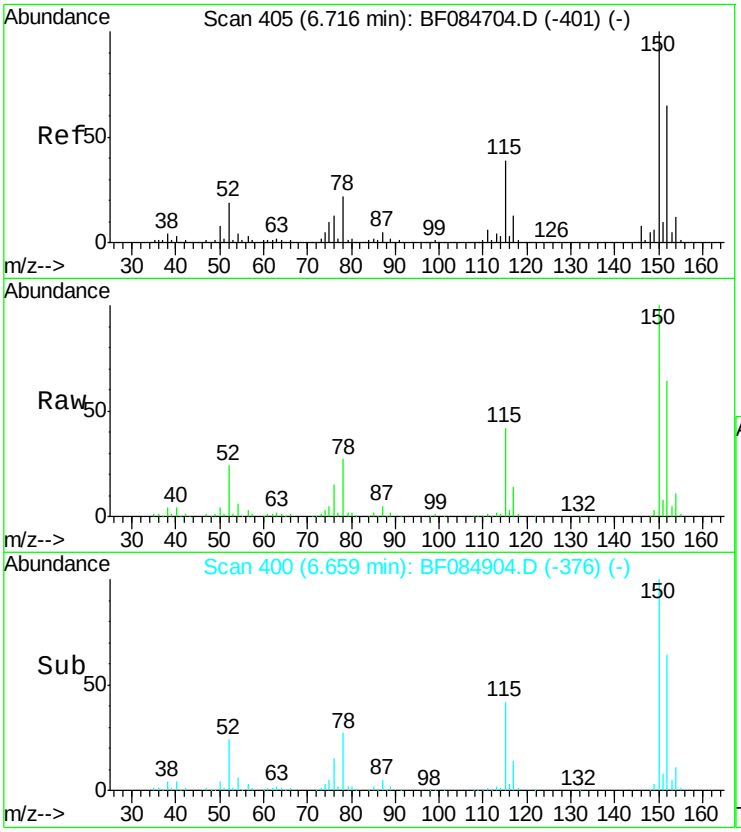


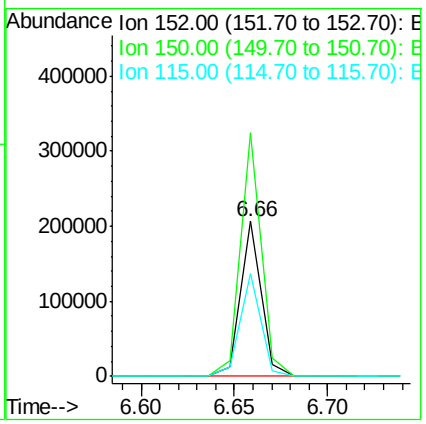


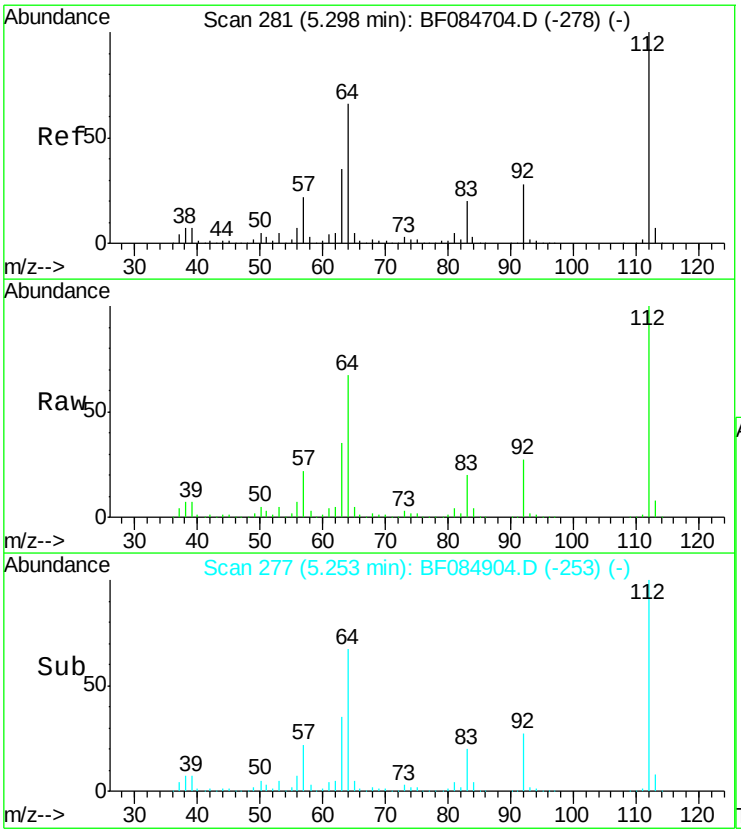
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:152 Resp: 162153

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	66.4	51.4	77.2

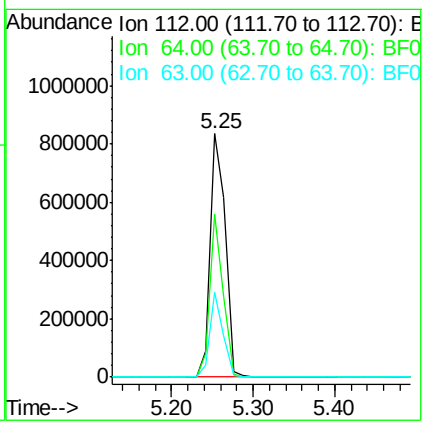


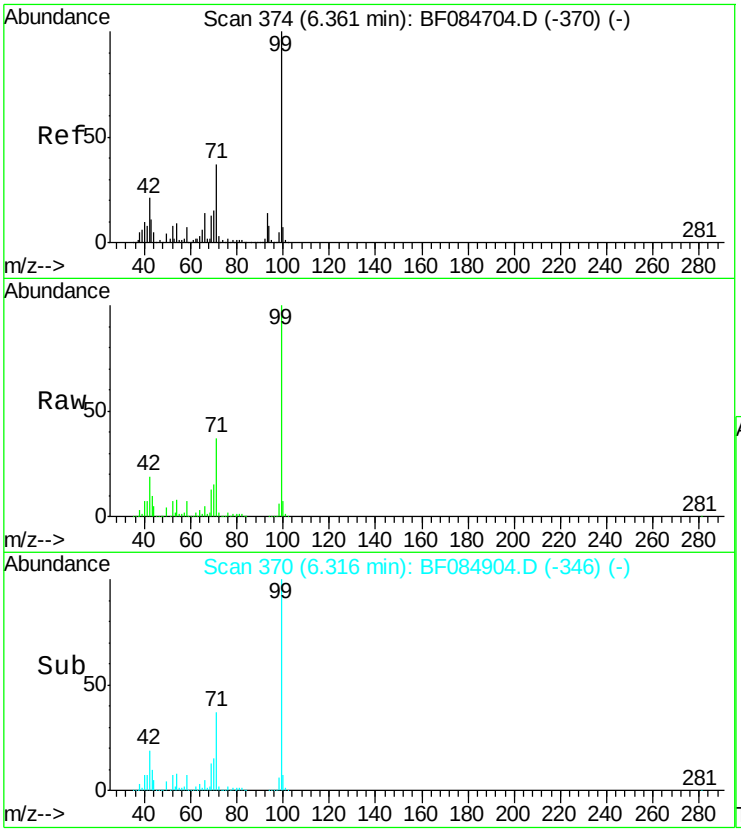


#5
2-Fluorophenol
Concen: 104.11 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion:112 Resp: 1083844

Ion	Ratio	Lower	Upper
112	100		
64	67.0	36.6	55.0#
63	35.0	19.4	29.0#



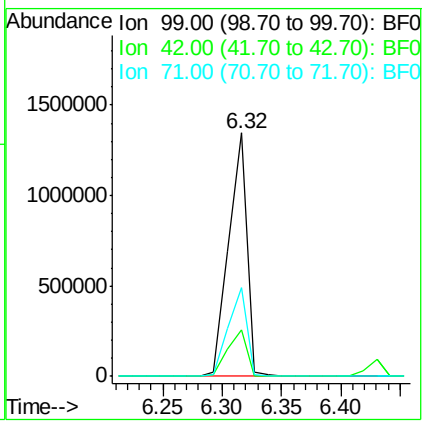


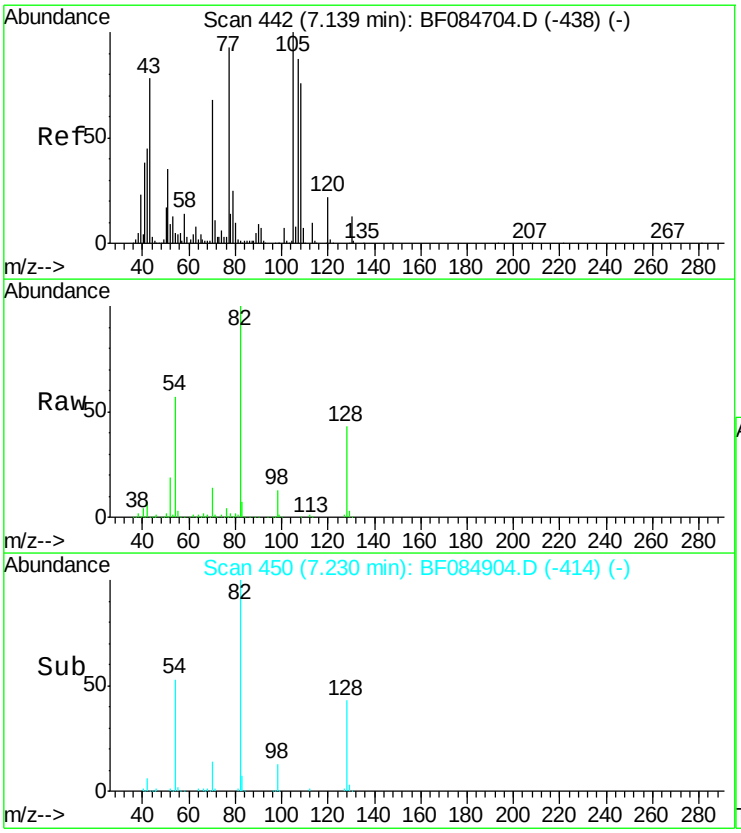
#7
Phenol-d6
Concen: 111.63 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion: 99 Resp: 1440740

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.8	19.2
71	36.6	30.9	46.3

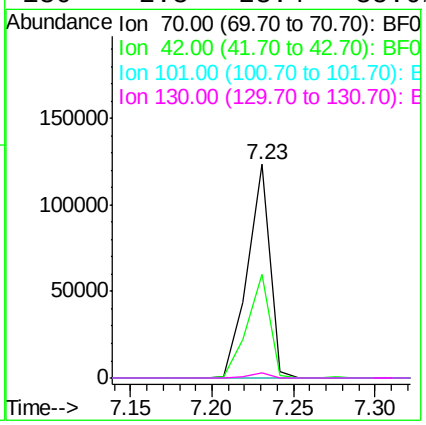


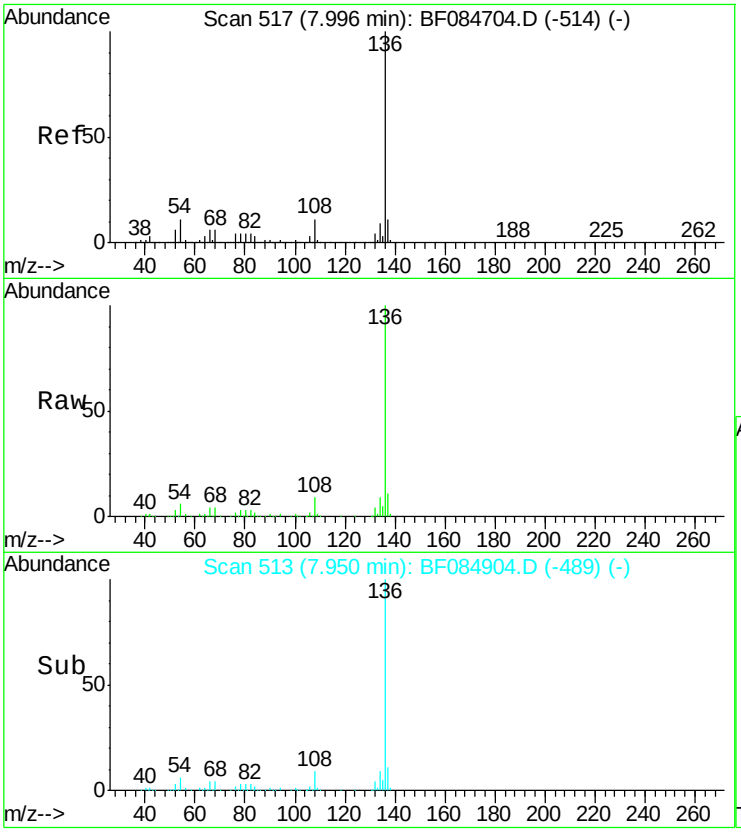


#19
n-Nitroso-di-n-propylamine
Concen: 14.58 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion: 70 Resp: 117978

Ion	Ratio	Lower	Upper
70	100		
42	48.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



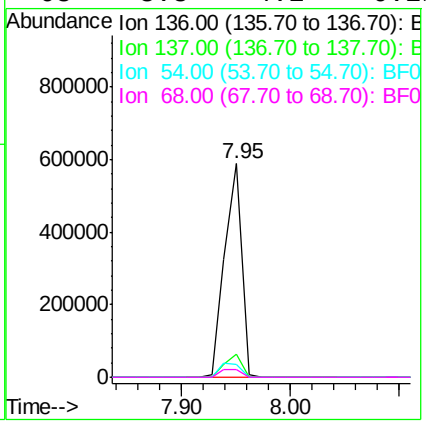


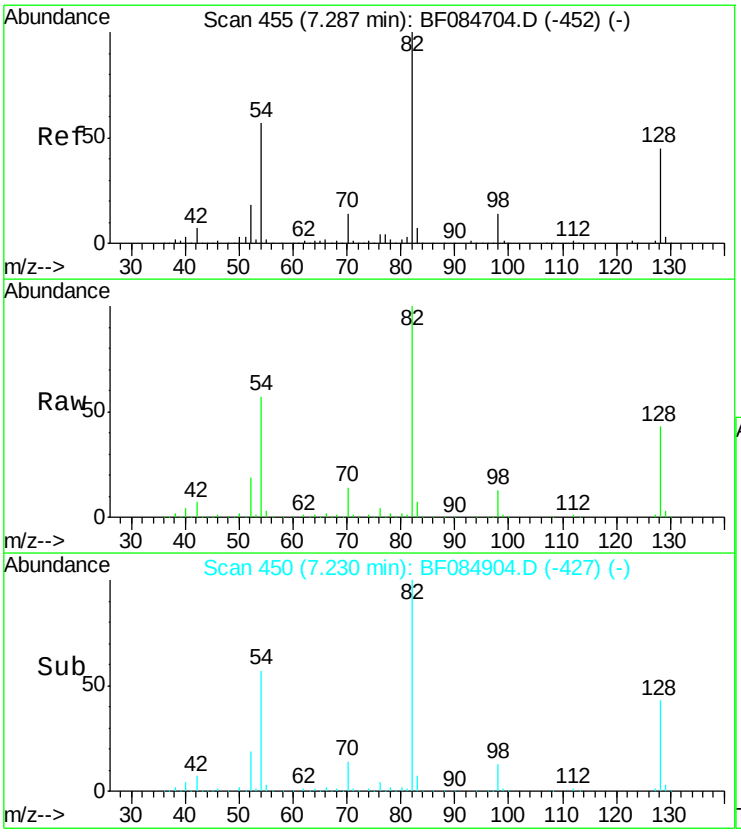
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:136 Resp: 639529

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.0	5.8	8.8
68	3.8	4.2	6.2#

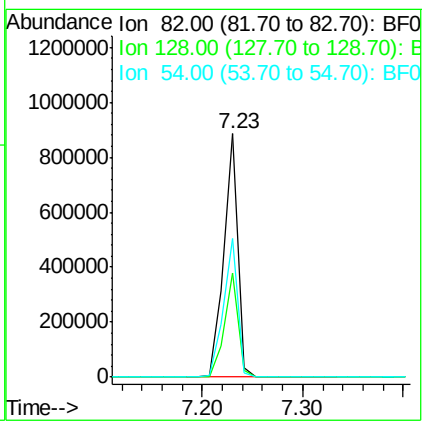


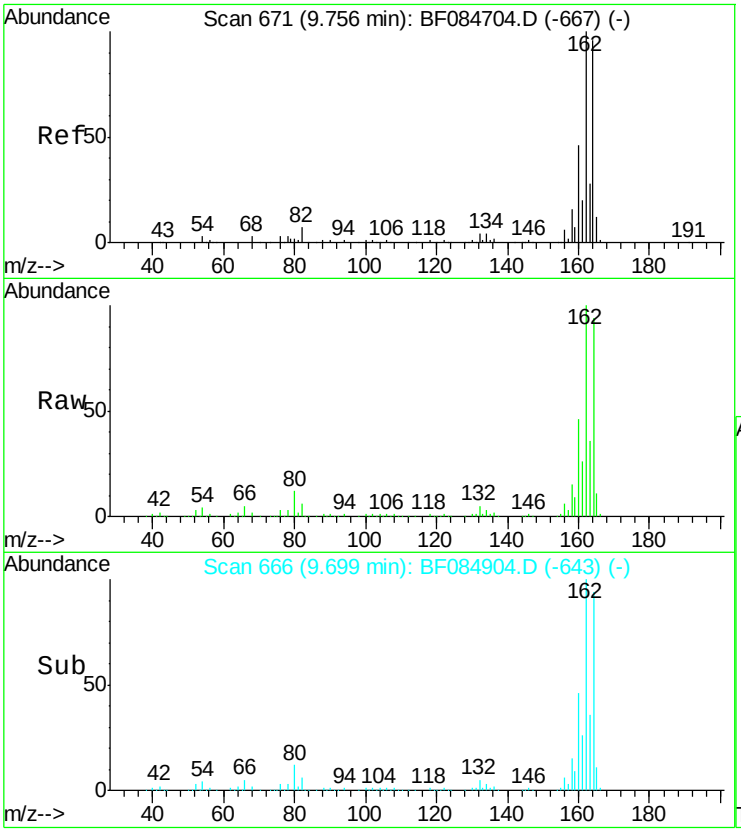


#23
Nitrobenzene-d5
Concen: 75.13 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion: 82 Resp: 852907

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	57.0	38.4	57.6



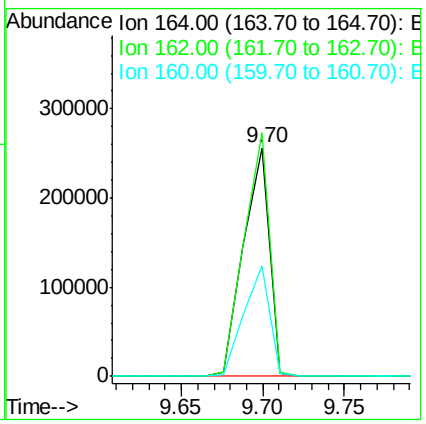


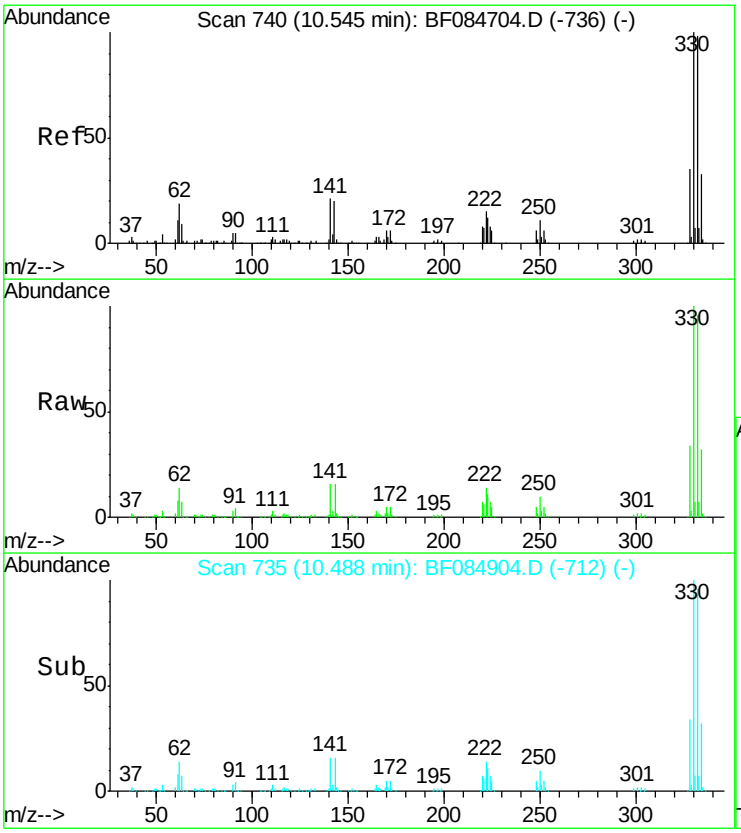
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:164 Resp: 280774

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	48.6	37.5	56.3

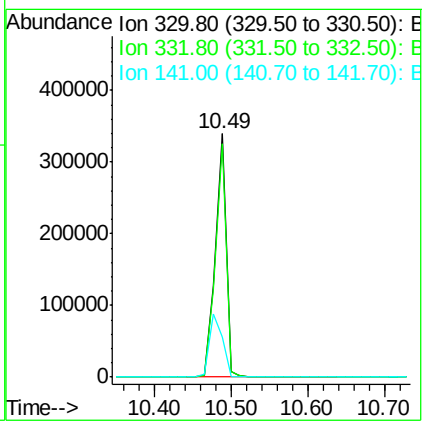


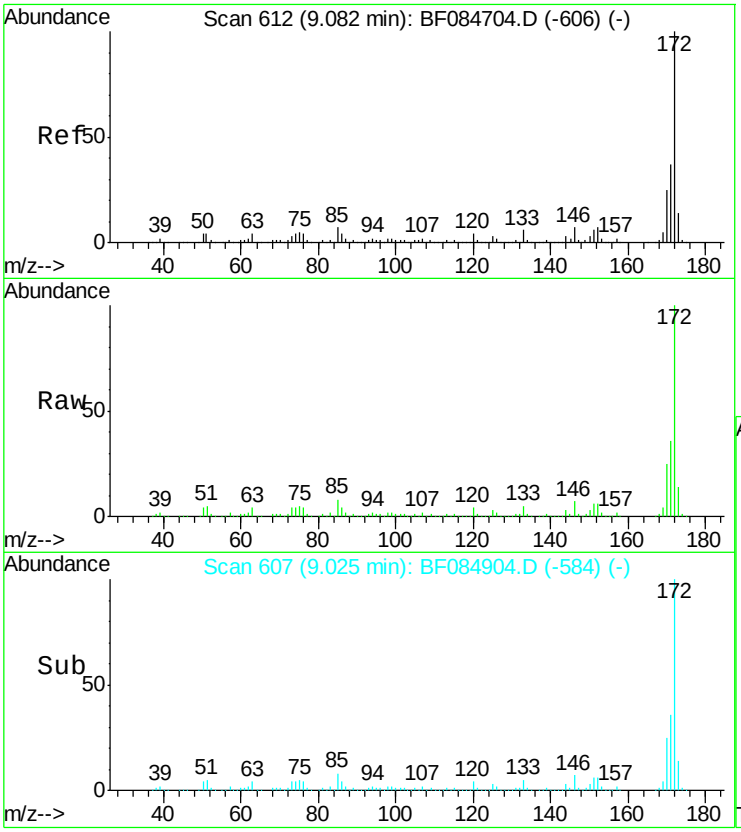


#41
2,4,6-Tribromophenol
Concen: 113.50 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion:330 Resp: 332401

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	30.8	27.8	41.6



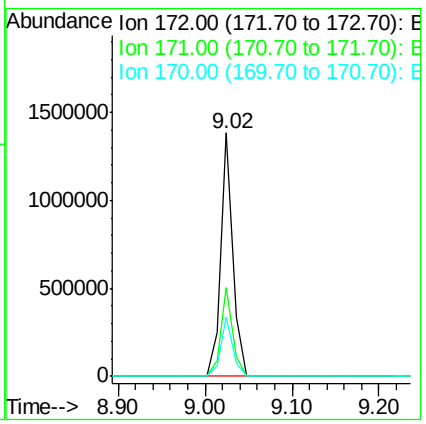


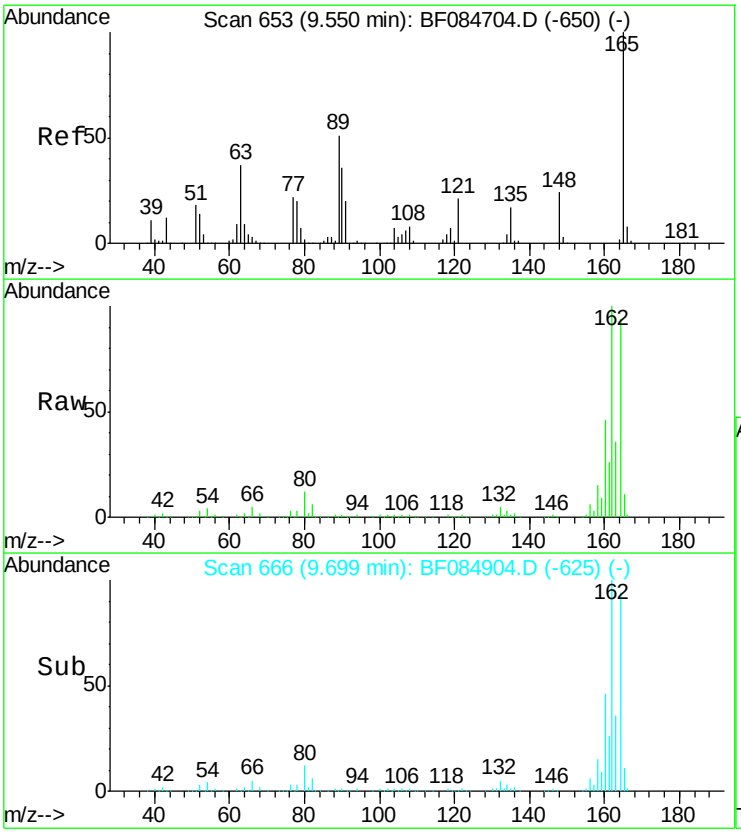
#44
2-Fluorobiphenyl
Concen: 80.09 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:172 Resp: 1361634

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.6	18.6	27.8

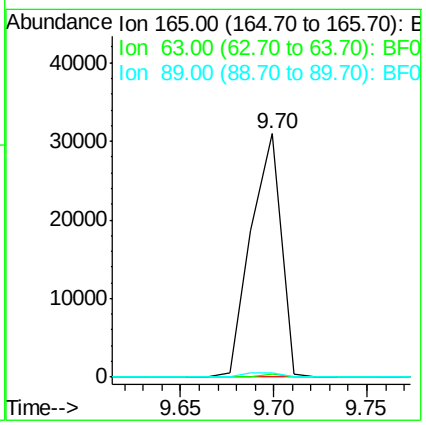


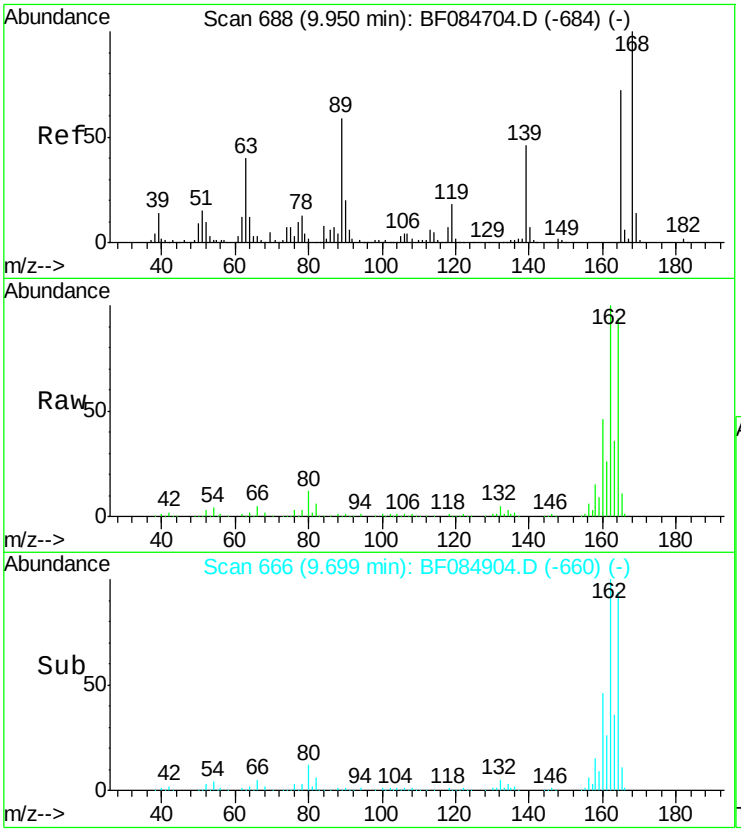


#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion:165 Resp: 34621

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.5	35.1	52.7#



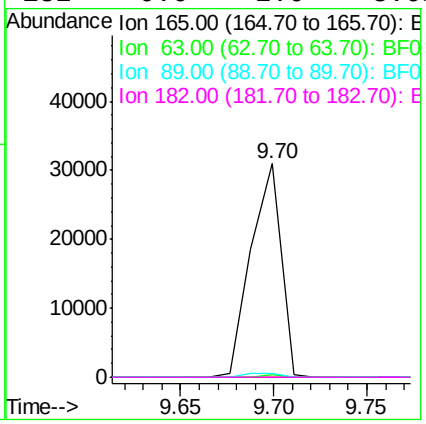


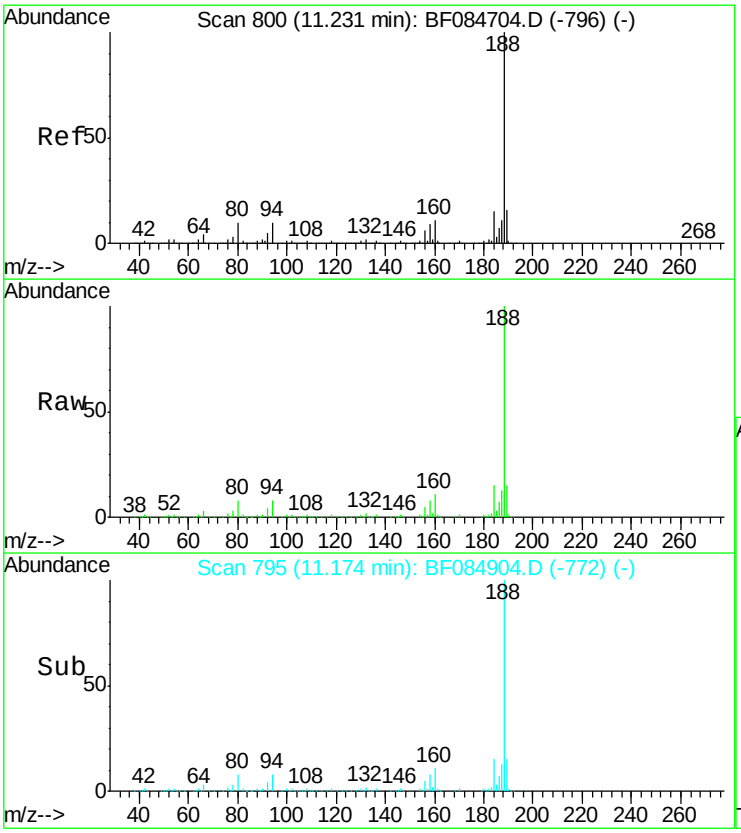
#56
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:165 Resp: 34621

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

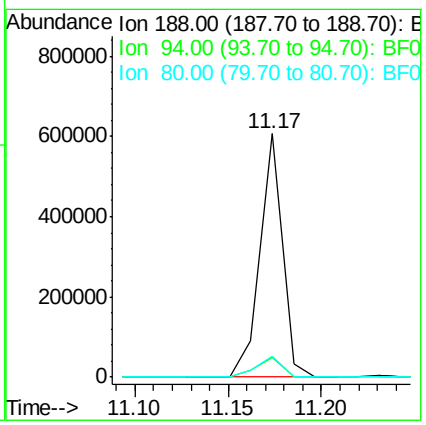


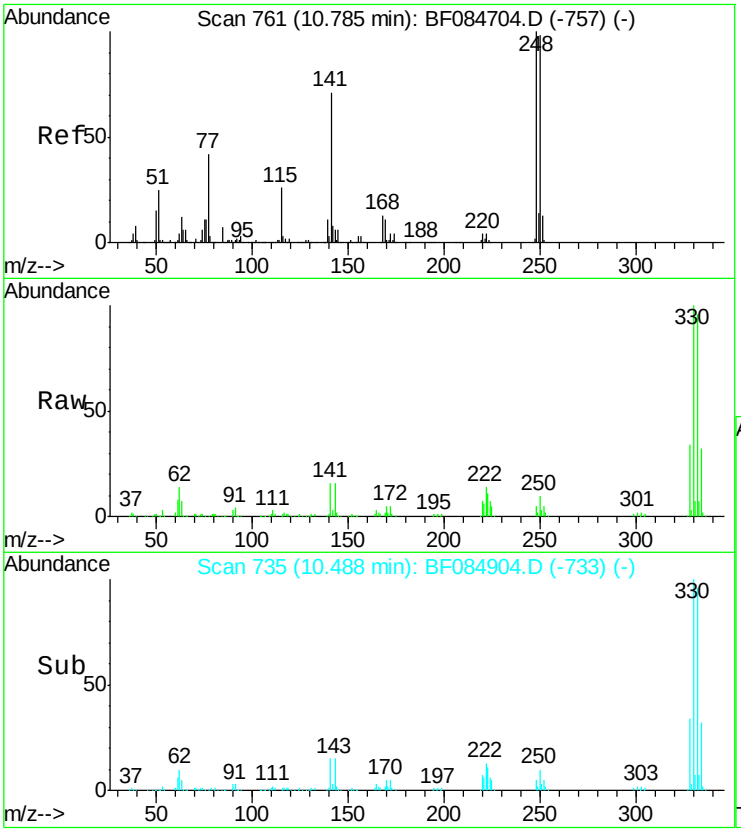


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion:188 Resp: 502984

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.3	9.6	14.4#



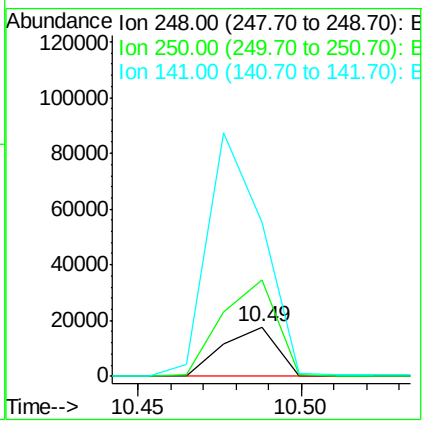


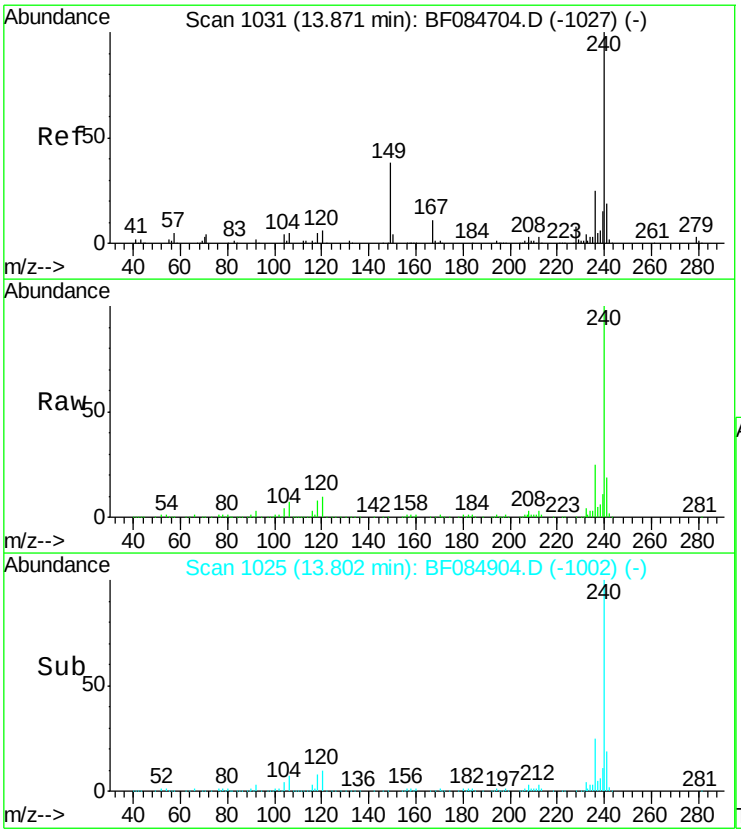
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:248 Resp: 19948

Ion	Ratio	Lower	Upper
248	100		
250	194.7	78.4	117.6#
141	313.2	44.0	66.0#

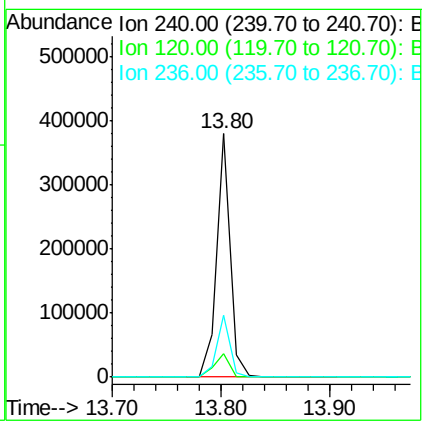


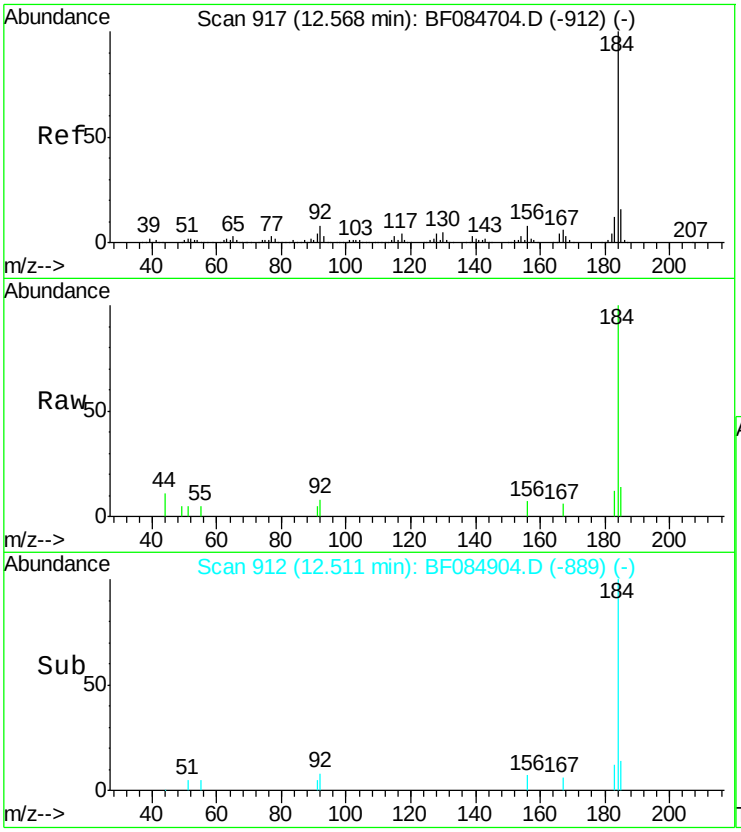


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion:240 Resp: 334525

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.5	20.6	31.0



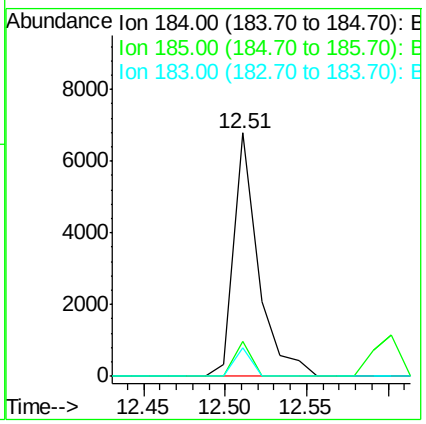


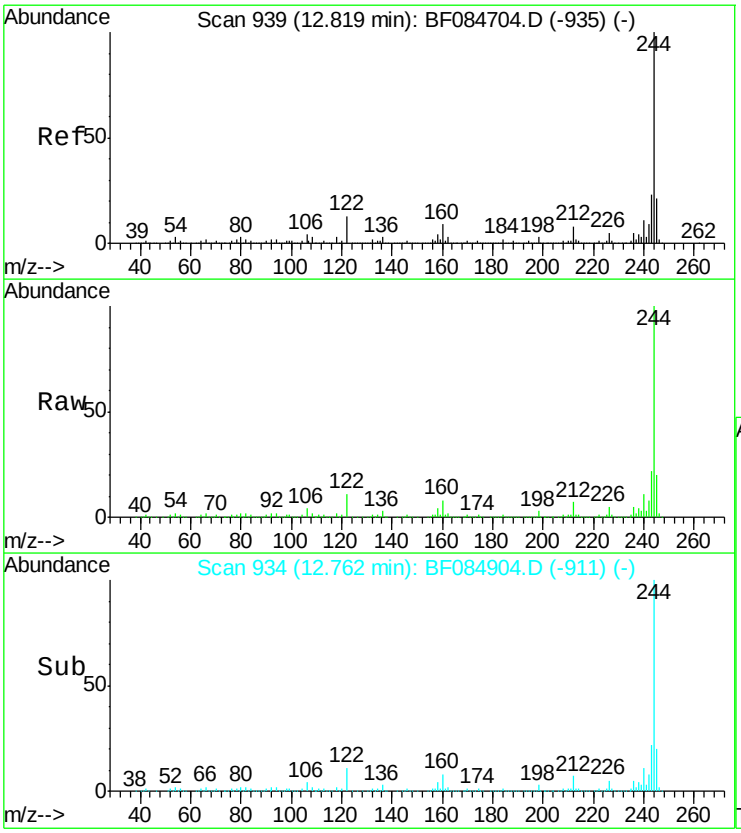
#76
Benzidine
Concen: 7.28 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:184 Resp: 7021

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.2
183	11.7	9.8	14.8

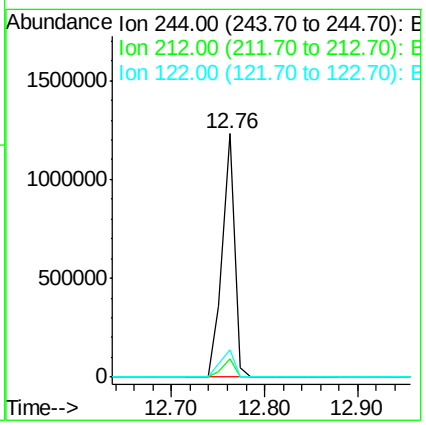


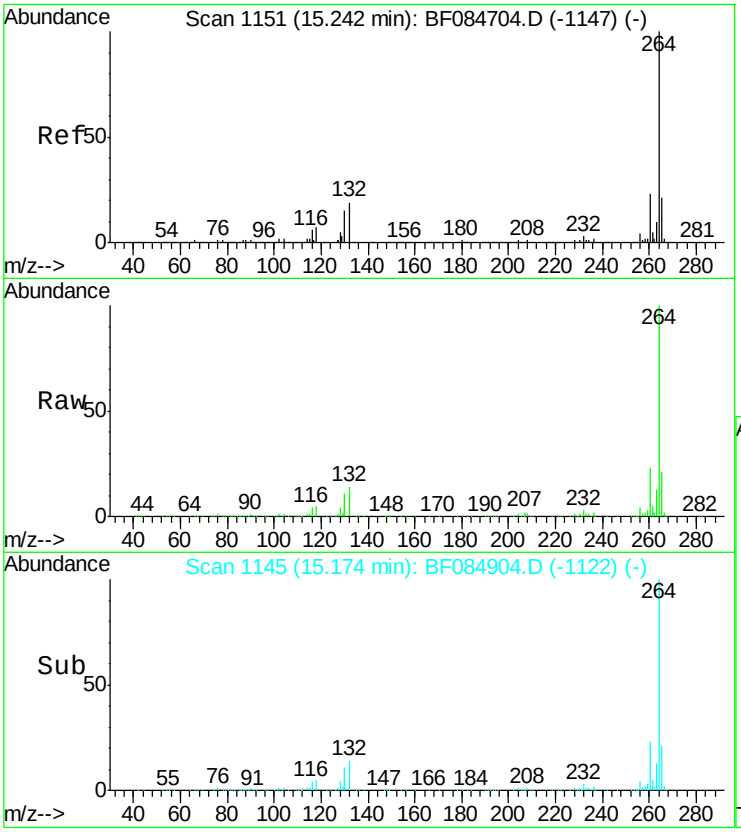


#78
Terphenyl-d14
Concen: 76.44 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Tgt Ion:244 Resp: 1128521

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.3	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084904.D
Acq: 6 Feb 2016 11:45

Instrument :
BNA_F
ClientSampleId :
PB88196BL

Tgt Ion:264 Resp: 322689

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	20.8	17.8	26.6