Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WW

Quant Time: Feb 05 22:21:28 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	176444	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	668778	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	332615	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	495595	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	347578	20.00	ng	-0.03
86) Perylene-d12	15.17	264	322395	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	542749	47.91	ng	-0.02
7) Phenol-d6	6.32	99	446284	31.78	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1275062	107.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	289785	83.52	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	2104735	128.30	ng	-0.02
78) Terphenyl-d14	12.76	244	1350499	88.05	ng	-0.03
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.72	42	32963	4.93	ng	# 1
15) Benzyl Alcohol	6.82	79	36311	3.74	ng	# 47
19) n-Nitroso-di-n-propylamine	7.07	70	199400	22.65	ng	# 27
32) Benzoic acid	7.97	122	34536	4.95	ng	# 69
33) 4-Chloroaniline	8.03	127	33806	2.44	ng	# 18
49) Dimethylphthalate	9.44	163	106939	4.22	ng	# 90
53) 2,4-Dinitrophenol	10.00	184	787	6.09	ng	# 1
54) Dibenzofuran	9.74	168	56282	2.13	ng	# 60
56) 2,4-Dinitrotoluene	9.74	165	16473	2.33	ng	# 40
66) 4-Bromophenyl-phenylether	10.49	248	20258	3.70	ng	# 1
76) Benzidine	12.53	184	2654	7.03	ng	# 1

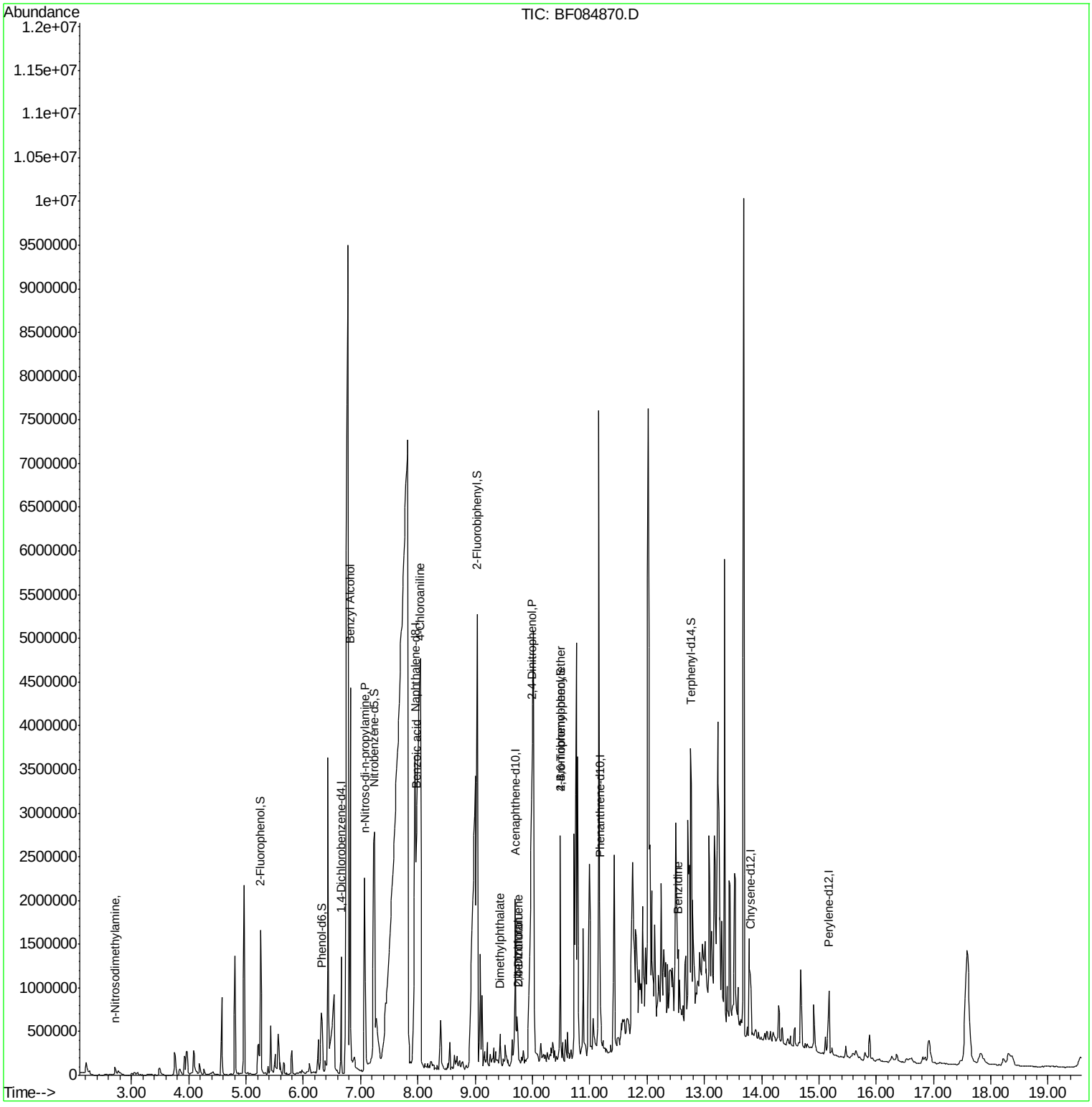
(#) = qualifier out of range (m) = manual integration (+) = signals summed

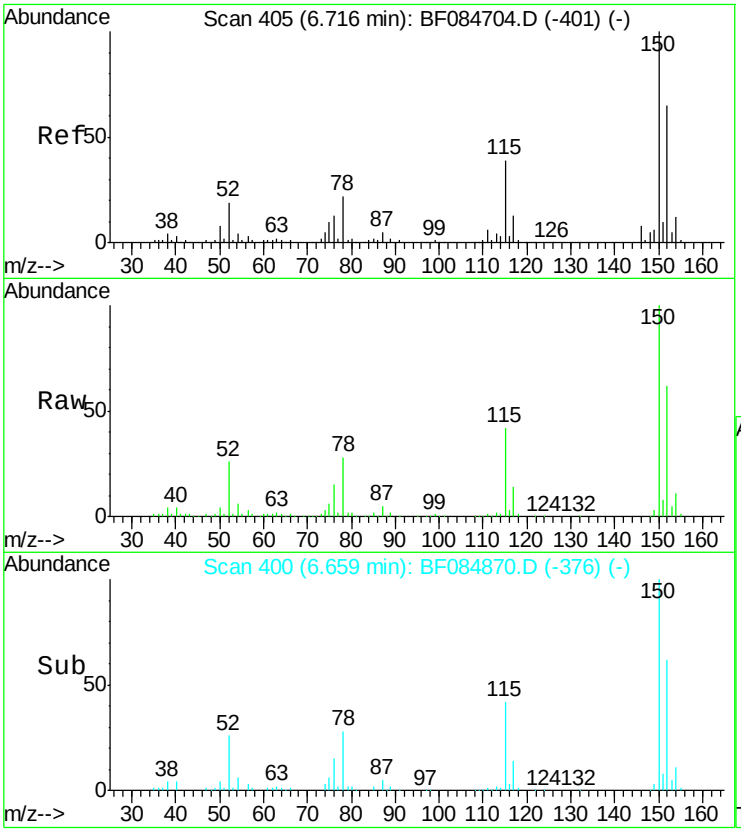
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084870.D
Acq On : 5 Feb 2016 20:06
Operator : SJ/IZ
Sample : H1357-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Feb 05 22:21:28 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



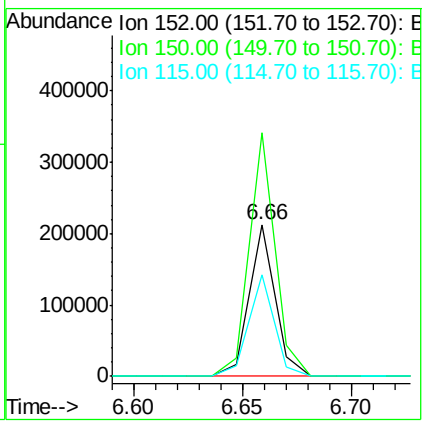


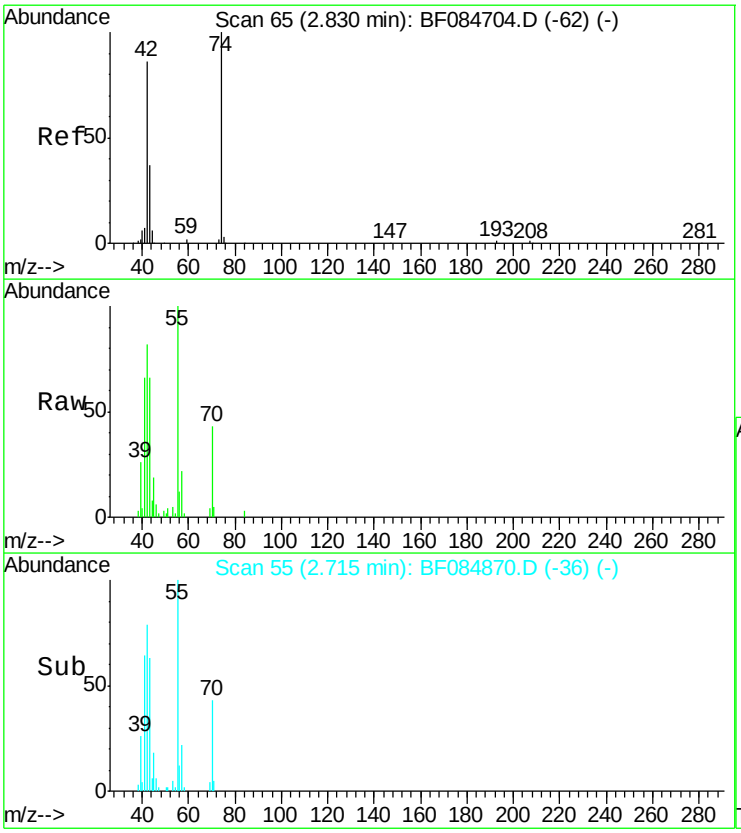
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 176444

Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.0	184.4
115	67.2	51.4	77.2

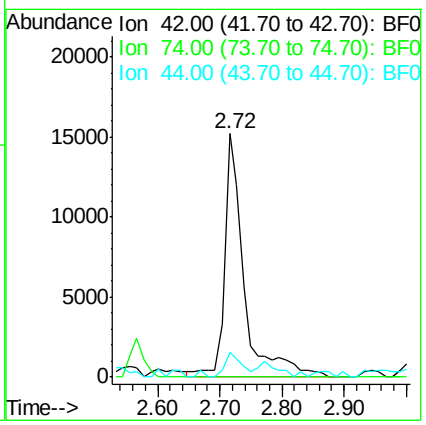


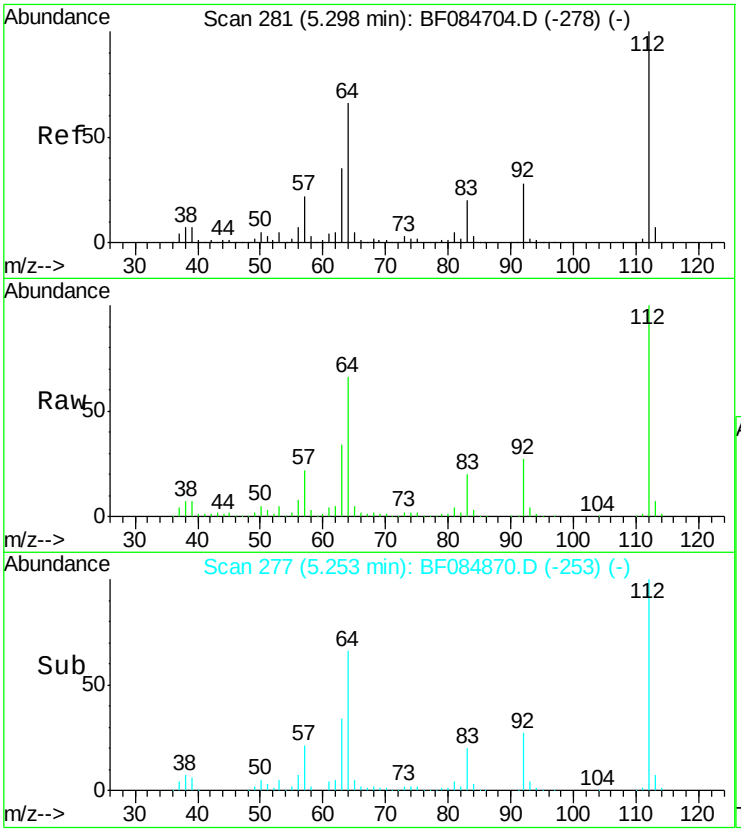


#4
n-Nitrosodimethylamine
Concen: 4.93 ng
RT: 2.72 min Scan# 55
Delta R.T. -0.08 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion: 42 Resp: 32963

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.7	173.5#
44	10.3	5.1	7.7#



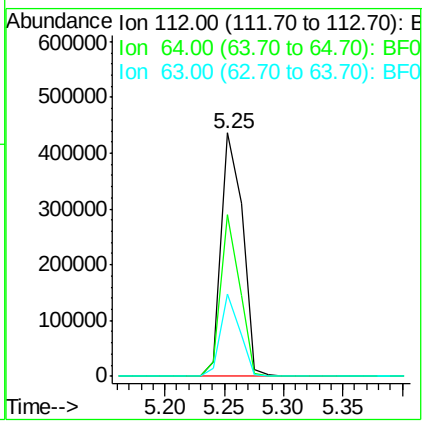


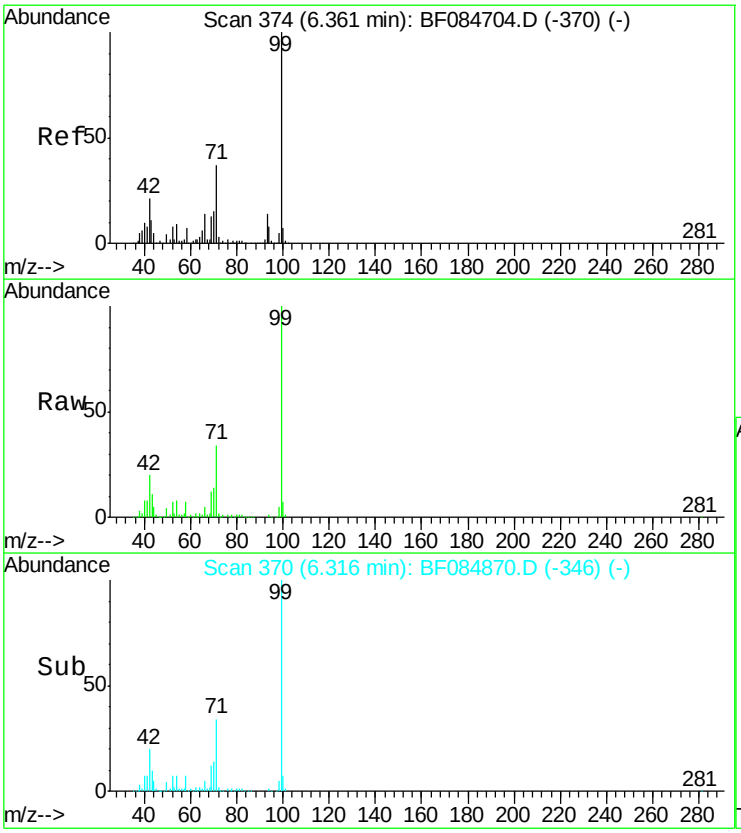
#5
2-Fluorophenol
Concen: 47.91 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:112 Resp: 542749

Ion	Ratio	Lower	Upper
112	100		
64	66.5	36.6	55.0#
63	33.8	19.4	29.0#

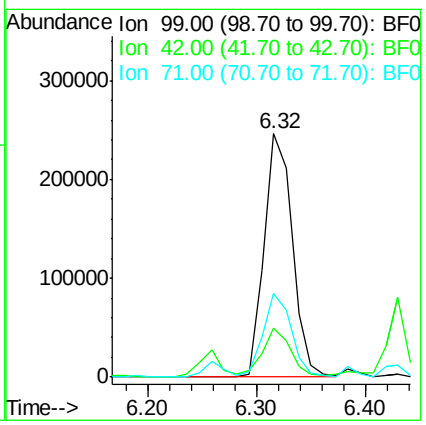


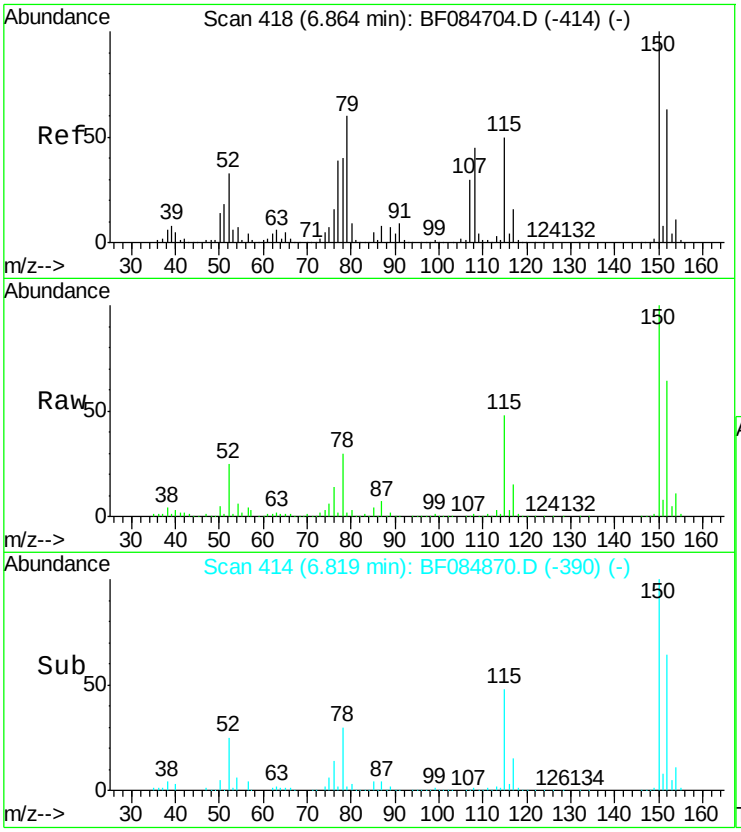


#7
Phenol-d6
Concen: 31.78 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion: 99 Resp: 446284

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	34.3	30.9	46.3



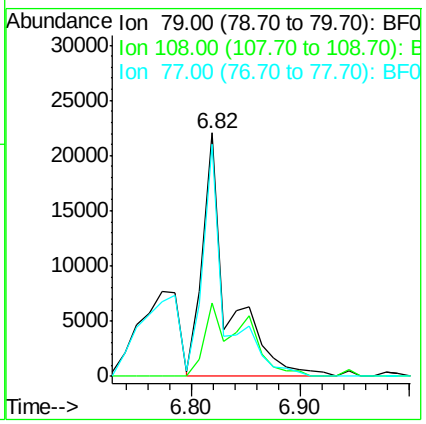


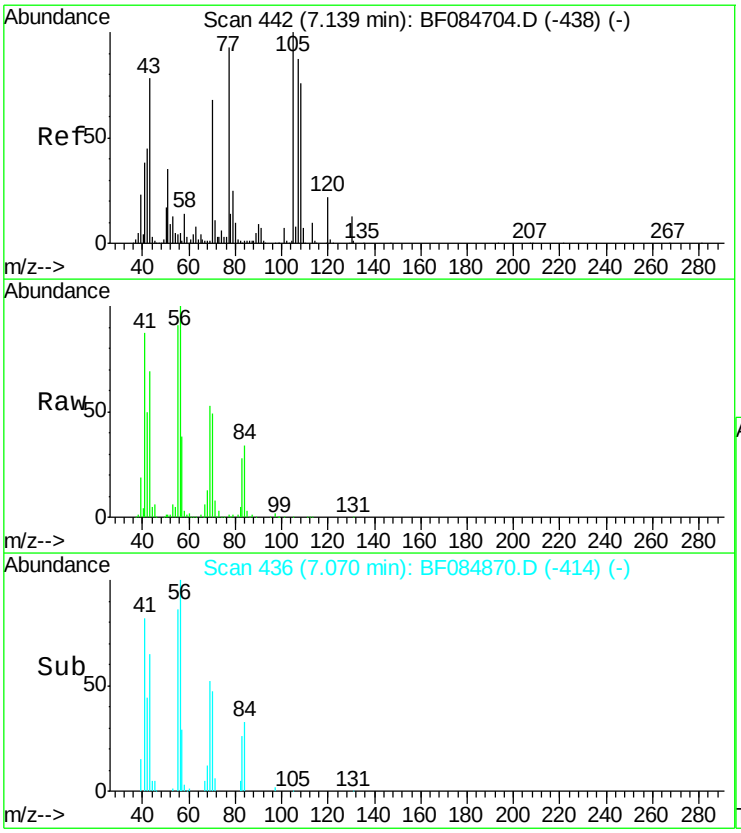
#15
Benzyl Alcohol
Concen: 3.74 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion: 79 Resp: 36311

Ion	Ratio	Lower	Upper
79	100		
108	30.4	69.0	103.4#
77	95.2	50.0	75.0#

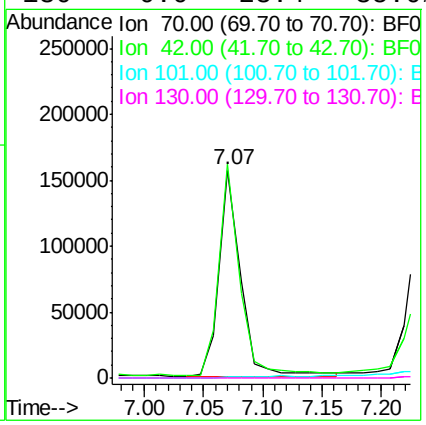


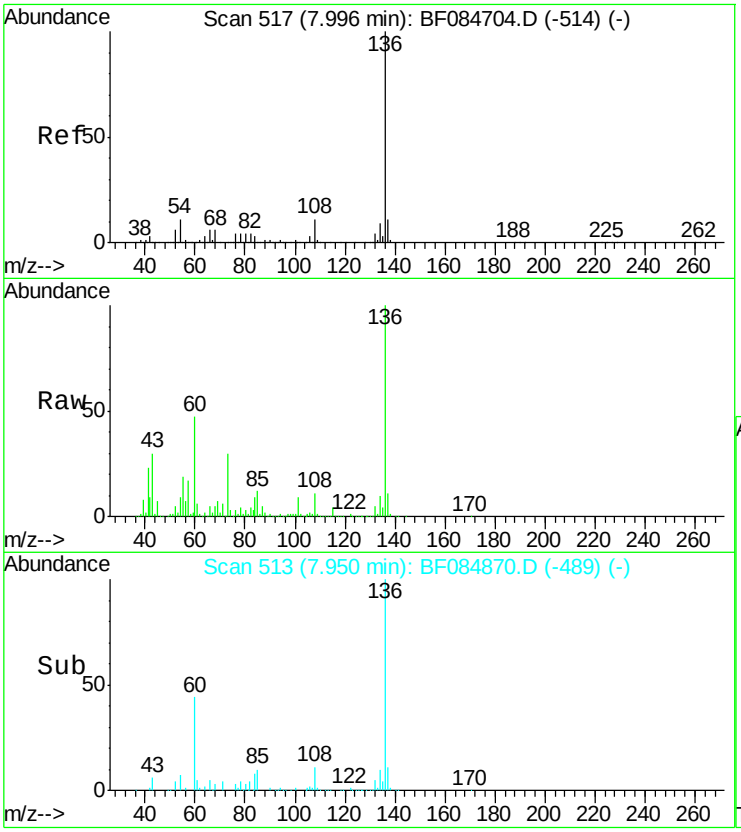


#19
n-Nitroso-di-n-propylamine
Concen: 22.65 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion: 70 Resp: 199400

Ion	Ratio	Lower	Upper
70	100		
42	102.9	33.3	49.9#
101	0.3	9.3	13.9#
130	0.0	23.4	35.0#



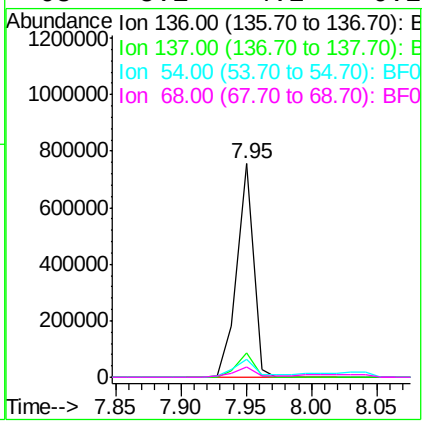


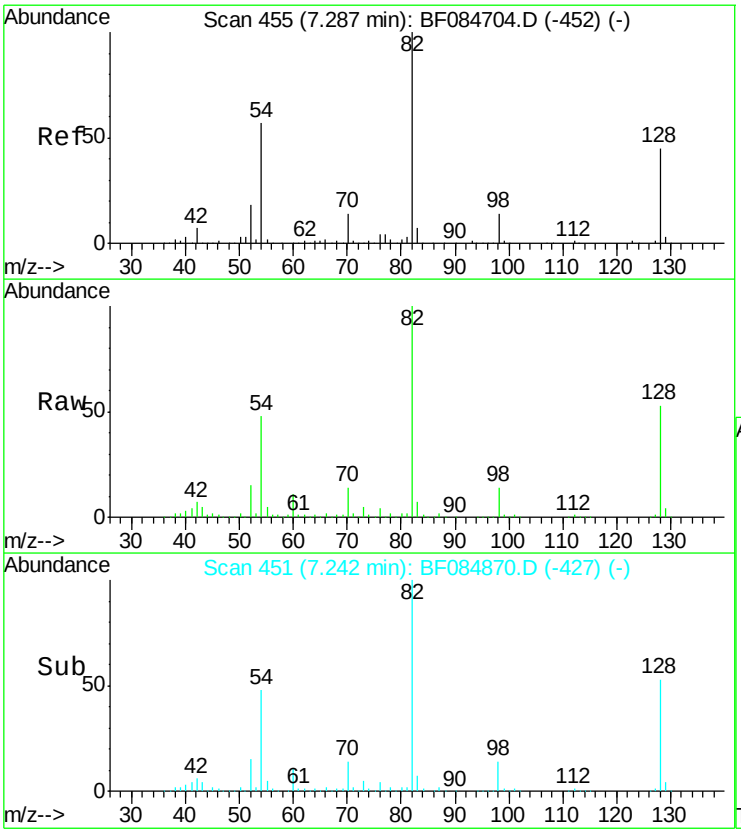
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 668778

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.7	5.8	8.8
68	5.1	4.2	6.2

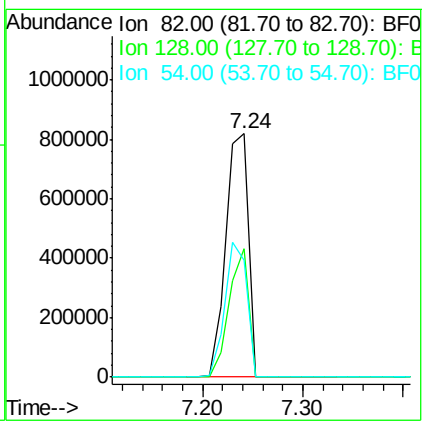


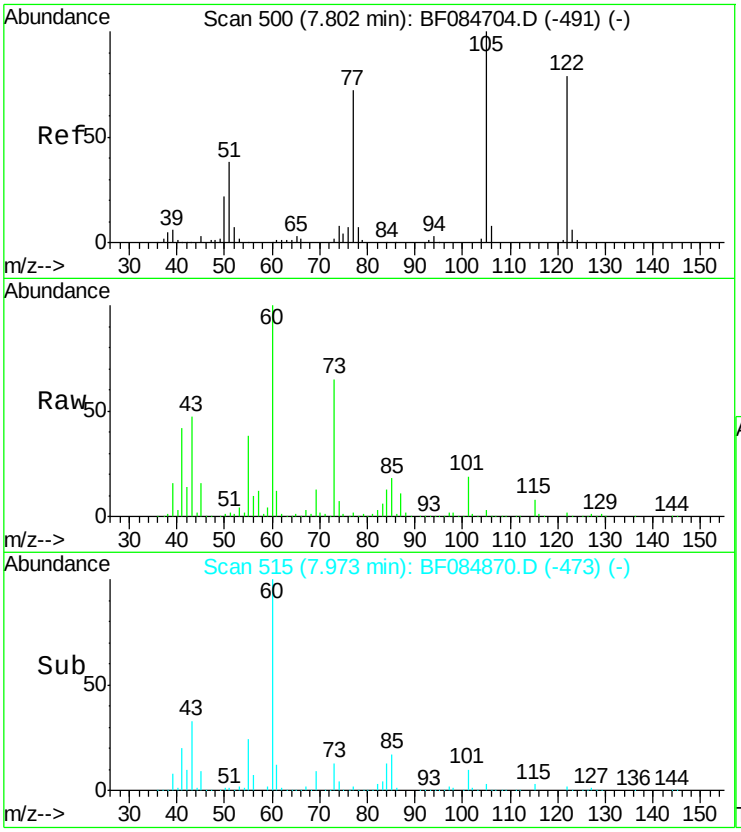


#23
Nitrobenzene-d5
Concen: 107.40 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion: 82 Resp: 1275062

Ion	Ratio	Lower	Upper
82	100		
128	52.9	34.6	51.8#
54	48.0	38.4	57.6



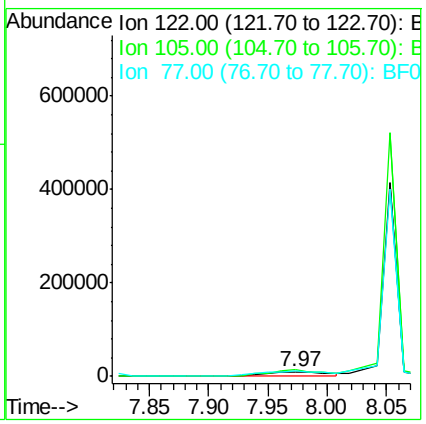


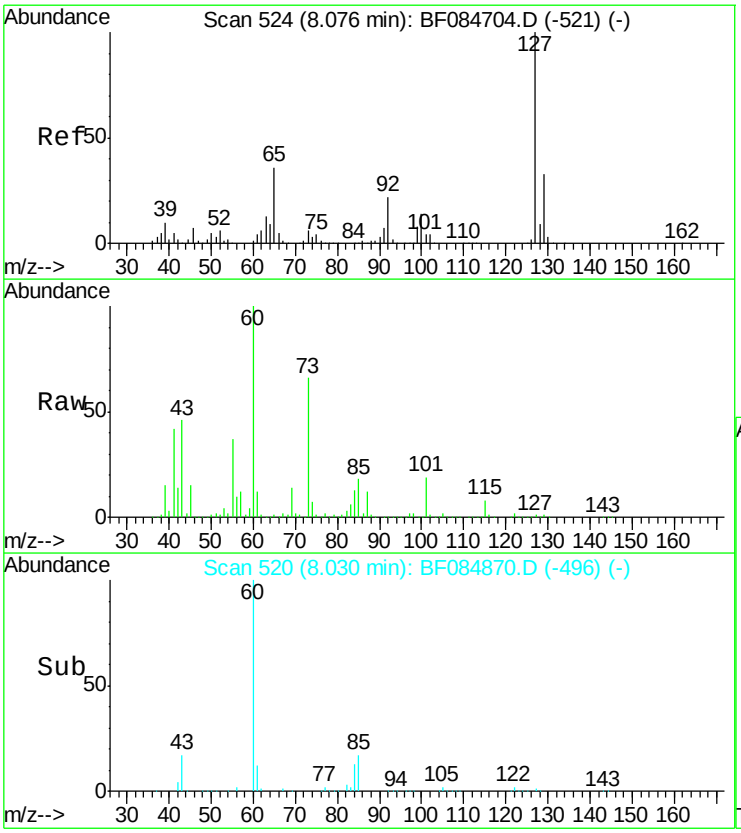
#32
Benzoic acid
Concen: 4.95 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.18 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:122 Resp: 34536

Ion	Ratio	Lower	Upper
122	100		
105	146.6	100.3	140.3#
77	121.1	63.5	103.5#

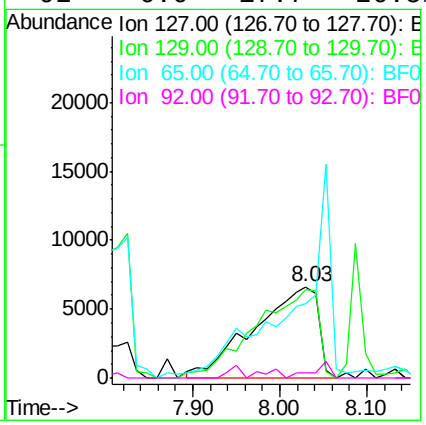


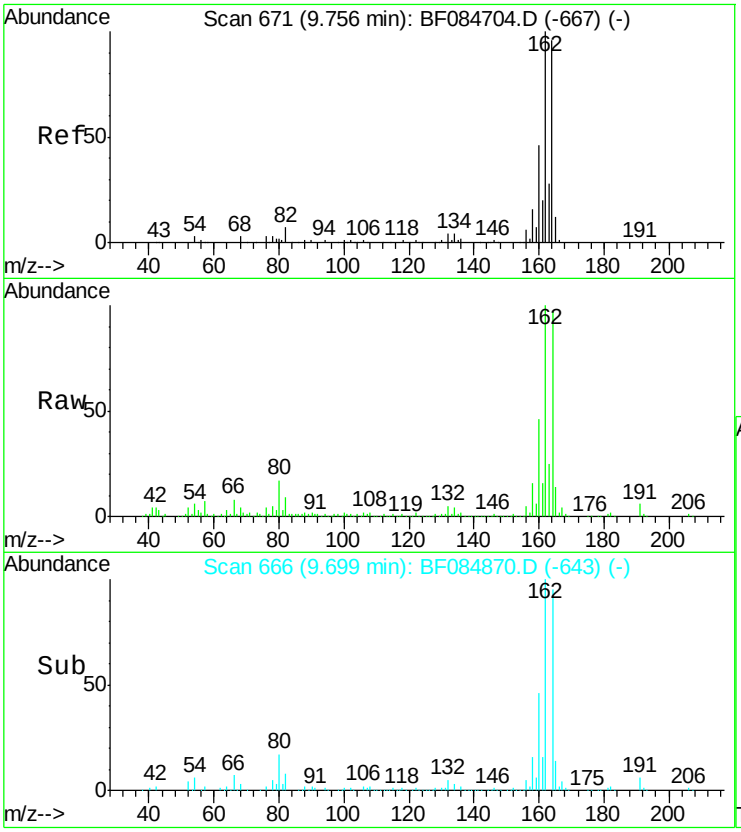


#33
4-Chloroaniline
Concen: 2.44 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:127 Resp: 33806

Ion	Ratio	Lower	Upper
127	100		
129	96.7	26.5	39.7#
65	81.5	27.2	40.8#
92	6.0	17.7	26.5#



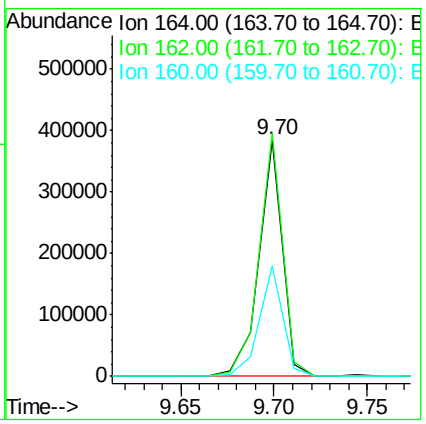


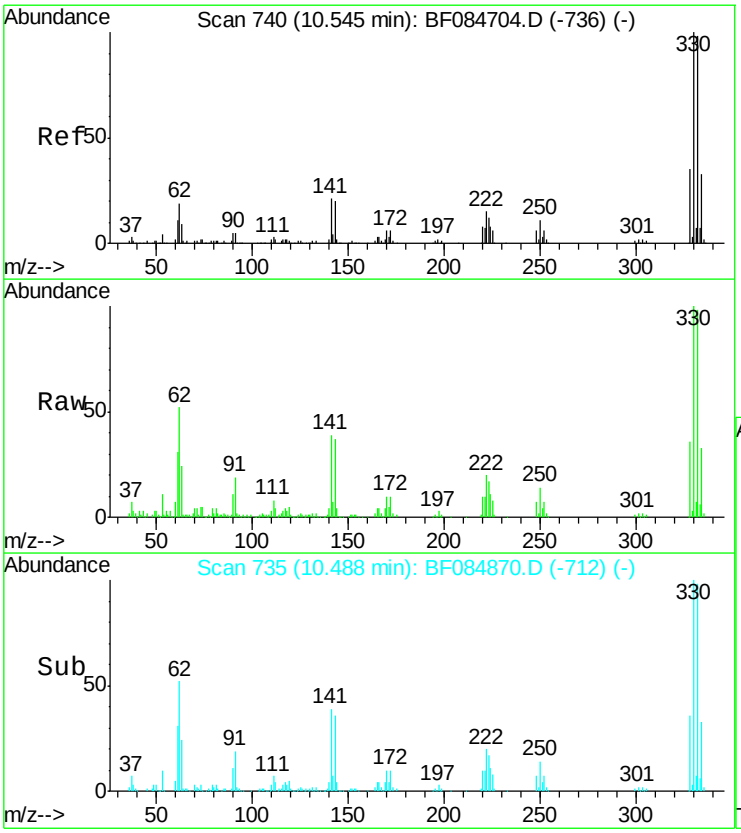
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:164 Resp: 332615

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	47.0	37.5	56.3

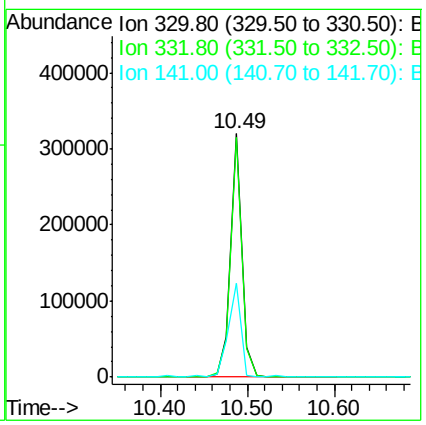


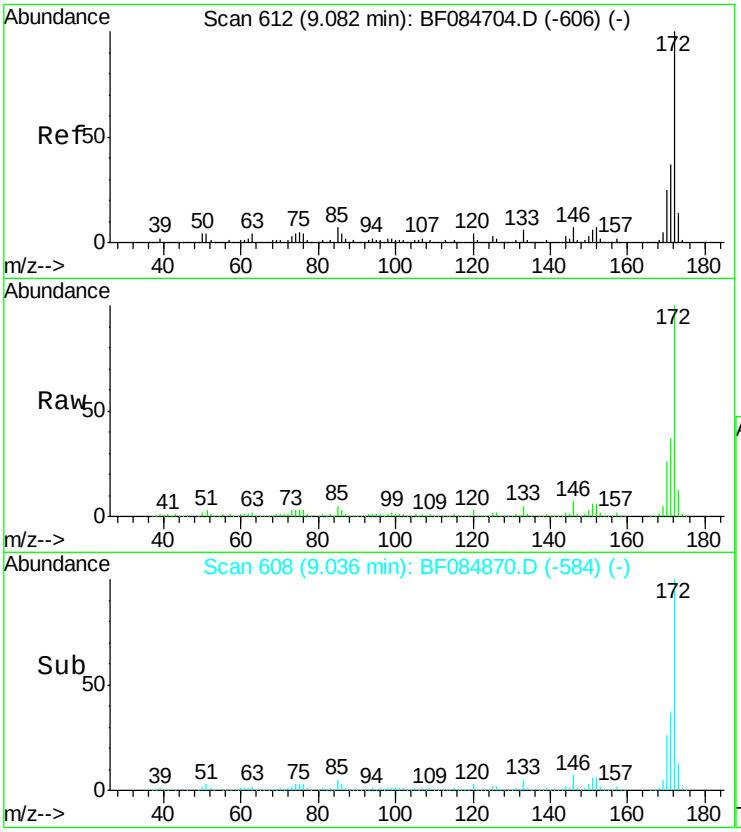


#41
2,4,6-Tribromophenol
Concen: 83.52 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:330 Resp: 289785

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	41.8	27.8	41.6#



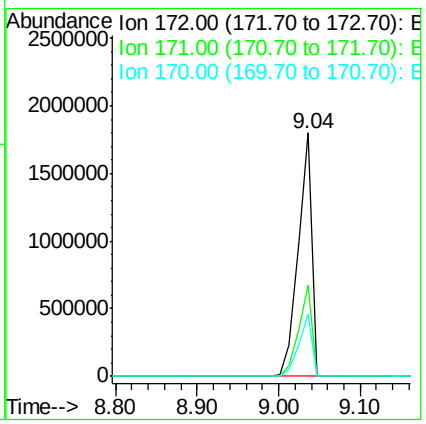


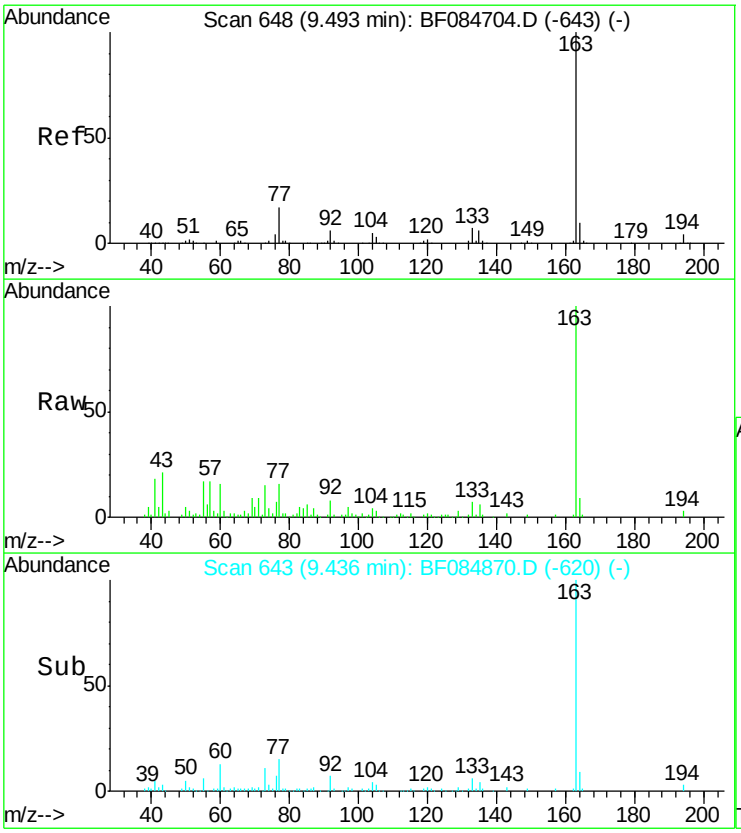
#44
2-Fluorobiphenyl
Concen: 128.30 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:172 Resp: 2104735

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.6	18.6	27.8

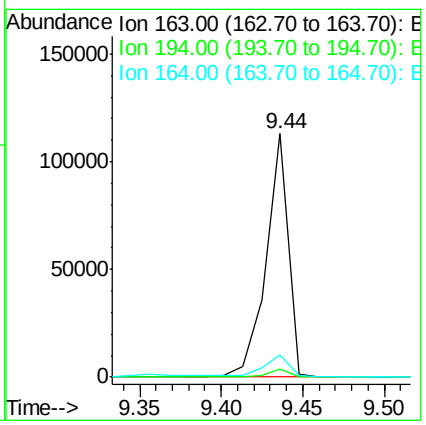


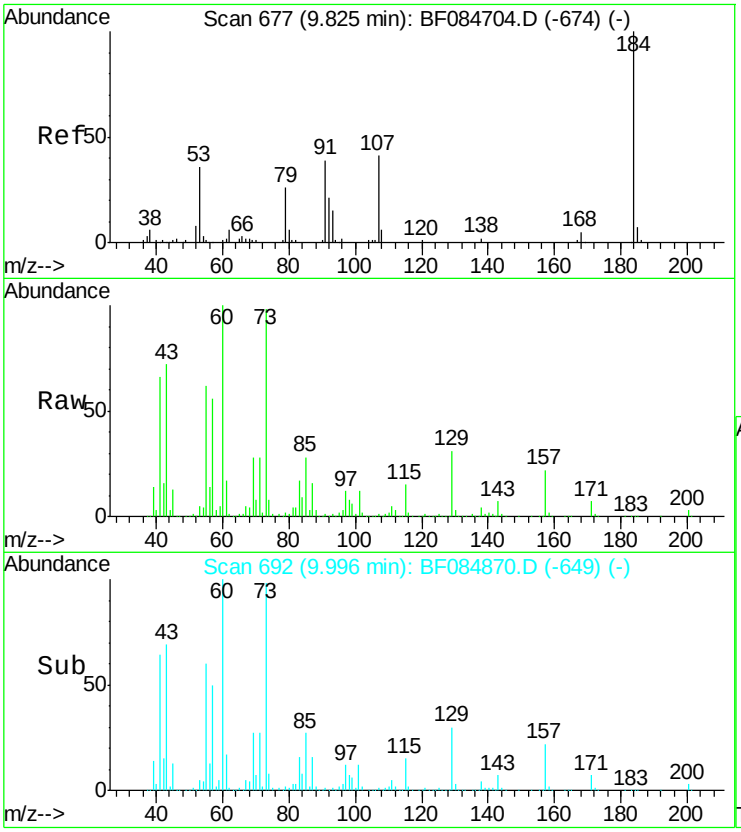


#49
Dimethylphthalate
Concen: 4.22 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:163 Resp: 106939

Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	9.2	8.0	12.0



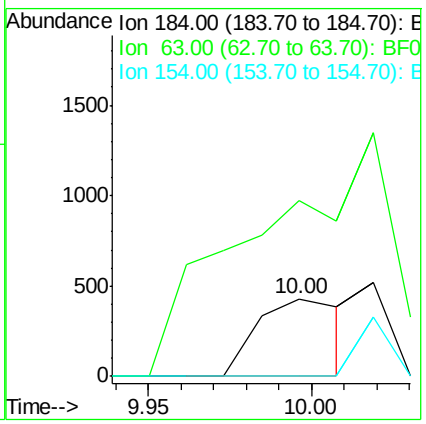


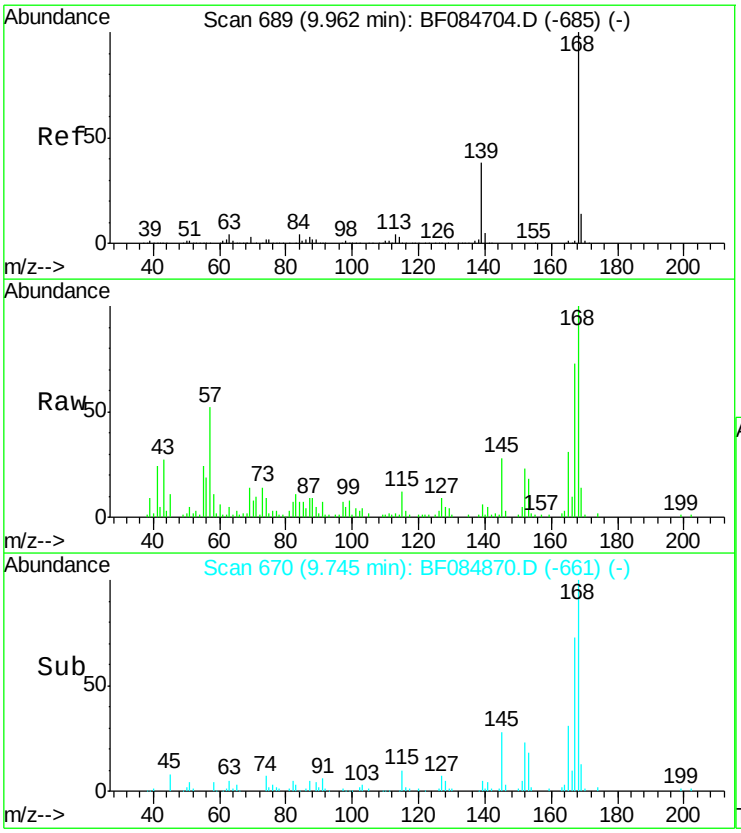
#53
2,4-Dinitrophenol
Concen: 6.09 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.19 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:184 Resp: 787

Ion	Ratio	Lower	Upper
184	100		
63	227.3	43.1	64.7#
154	0.0	60.5	90.7#

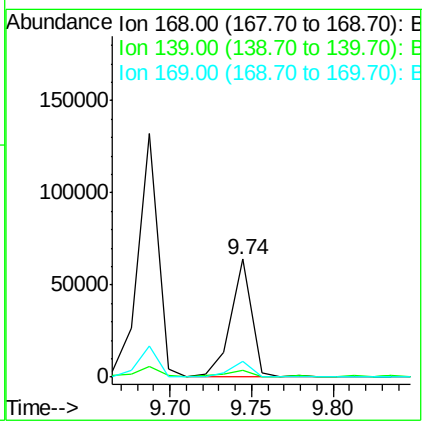


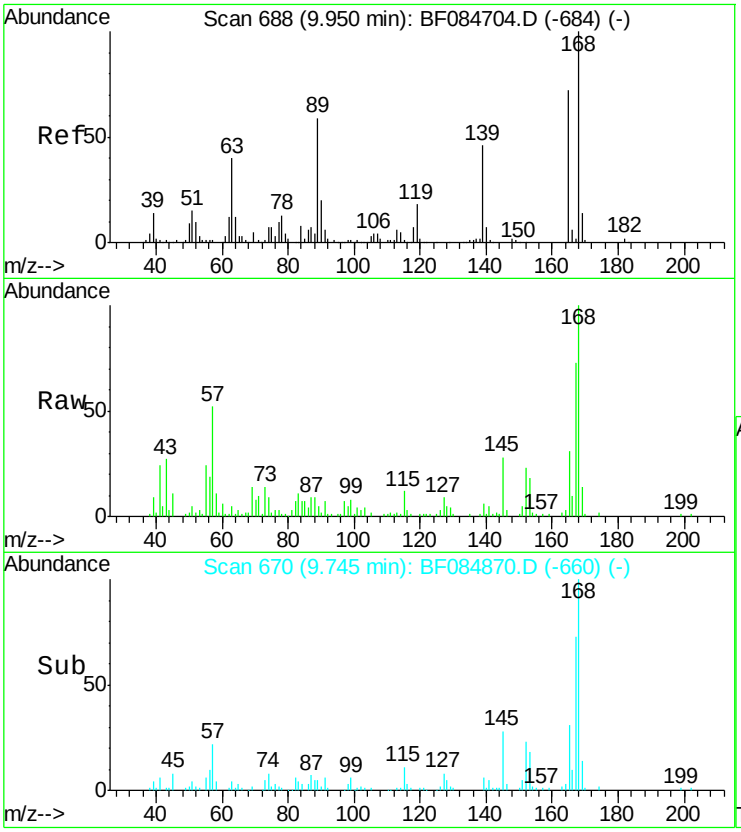


#54
Dibenzofuran
Concen: 2.13 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.19 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:168 Resp: 56282

Ion	Ratio	Lower	Upper
168	100		
139	5.8	30.5	45.7#
169	13.8	10.4	15.6



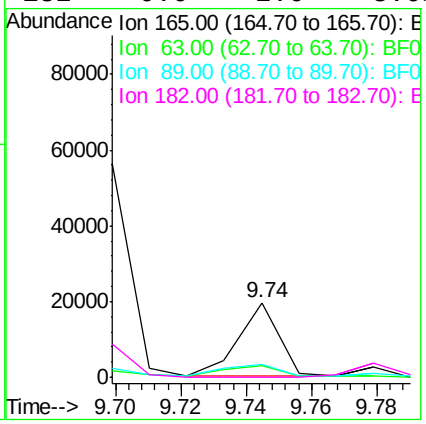


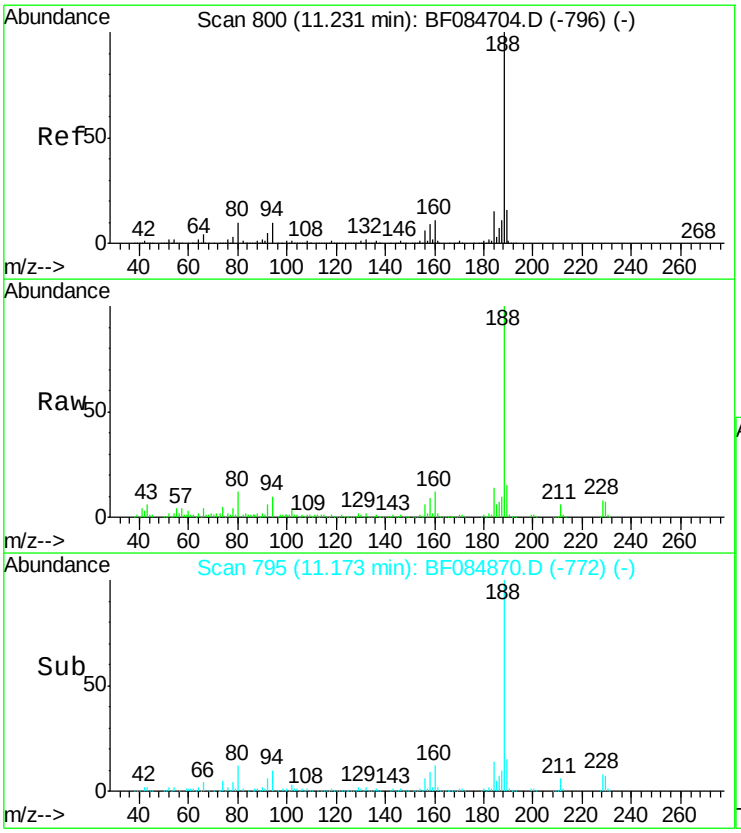
#56
2,4-Dinitrotoluene
Concen: 2.33 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.18 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:165 Resp: 16473

Ion	Ratio	Lower	Upper
165	100		
63	15.3	36.7	55.1#
89	16.5	61.9	92.9#
182	0.0	2.0	3.0#

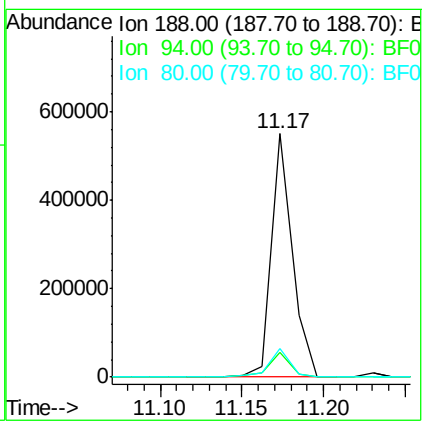


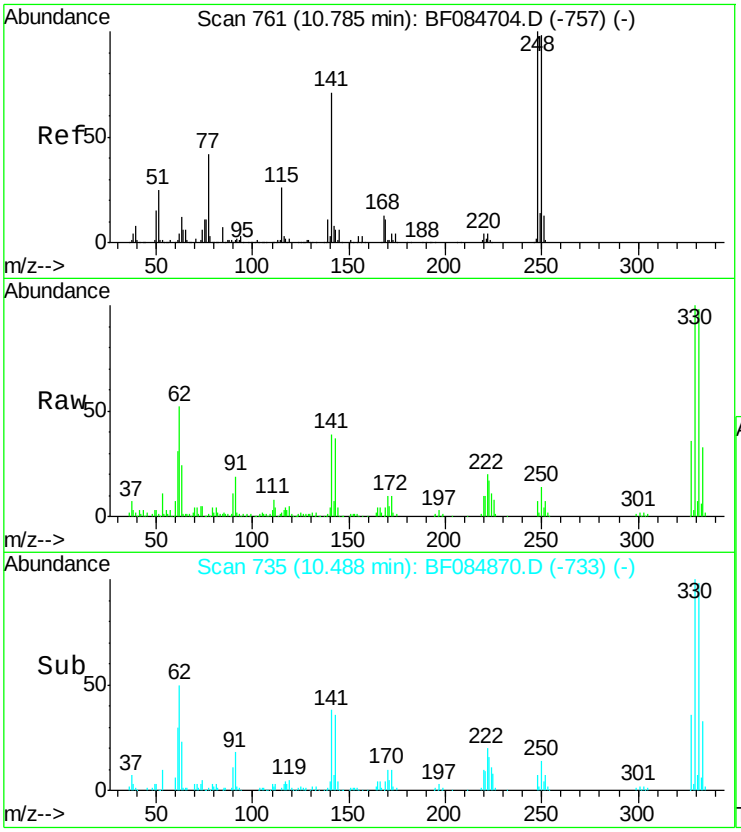


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:188 Resp: 495595

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.8	9.6	14.4



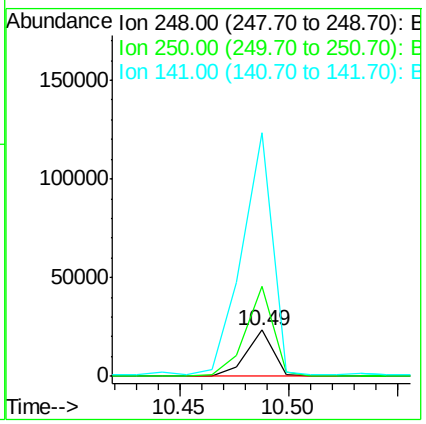


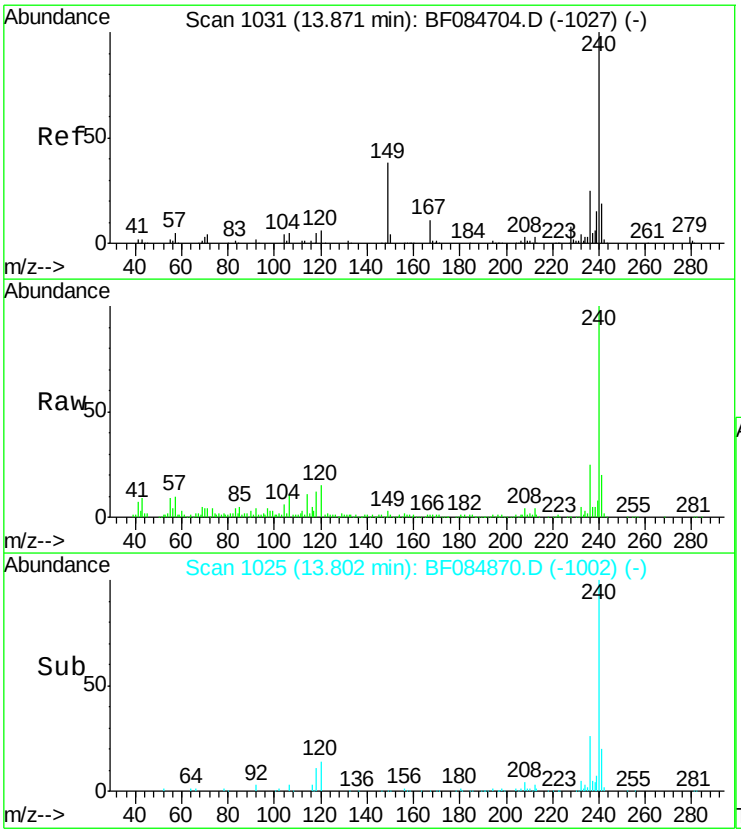
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:248 Resp: 20258

Ion	Ratio	Lower	Upper
248	100		
250	194.8	78.4	117.6#
141	530.6	44.0	66.0#

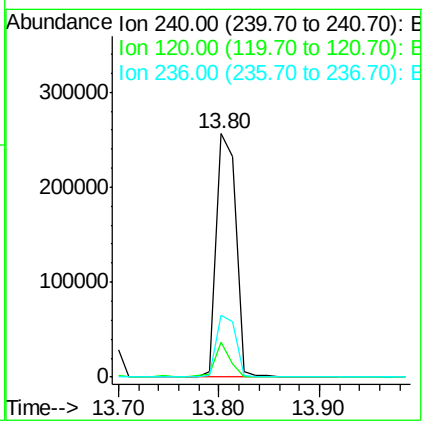


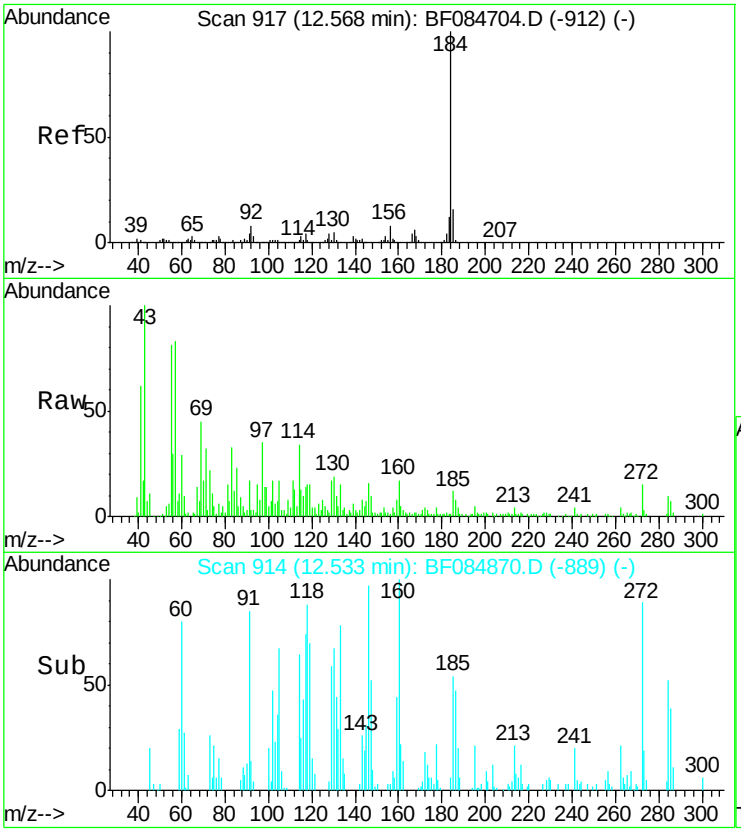


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:240 Resp: 347578

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.4	20.6	31.0



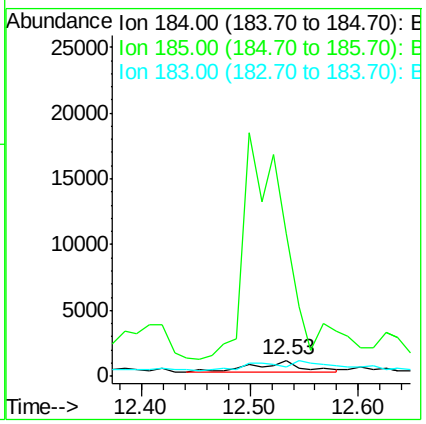


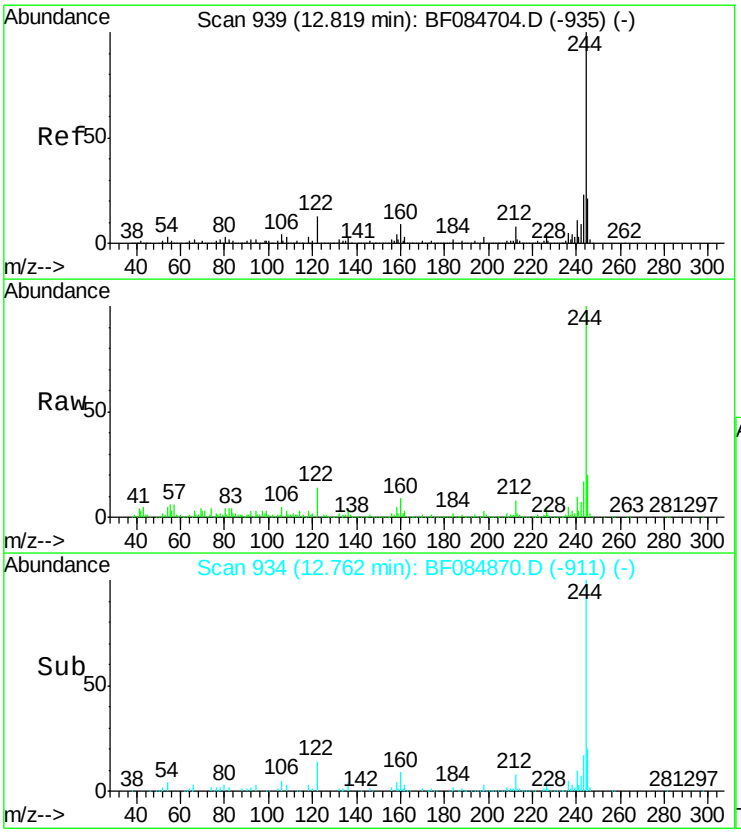
#76
Benzidine
Concen: 7.03 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:184 Resp: 2654

Ion	Ratio	Lower	Upper
184	100		
185	879.2	12.2	18.2#
183	59.2	9.8	14.8#

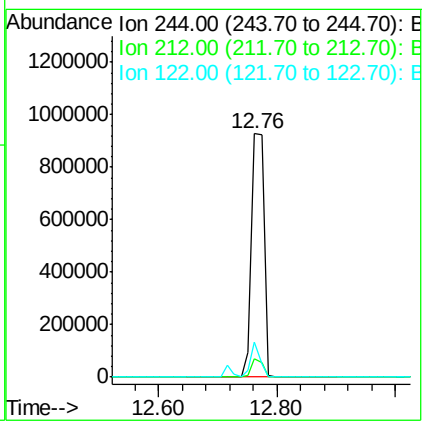


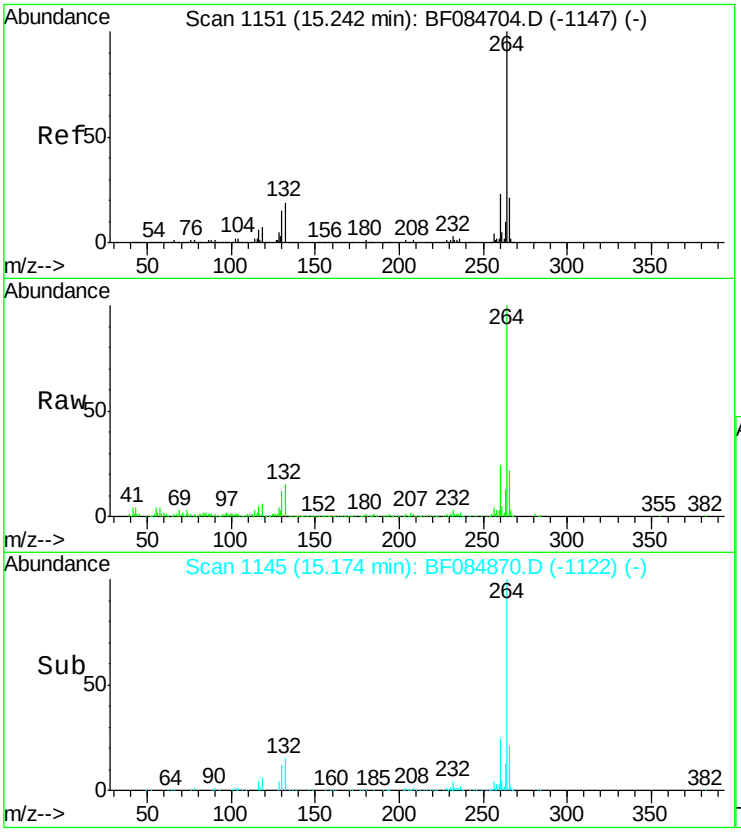


#78
Terphenyl-d14
Concen: 88.05 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084870.D
Acq: 5 Feb 2016 20:06

Tgt Ion:244 Resp: 1350499

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.5	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: BF084870.D
Acq: 5 Feb 2016 20:06

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 322395

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.7	17.8	26.6