Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: Dec 24 02:39:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47178	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	172890	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	62468	20.00	ng		0.01
63) Phenanthrene-d10	11.37	188	97962	20.00	ng		0.01
75) Chrysene-d12	14.00	240	84672	20.00	ng		0.00
86) Perylene-d12	15.43	264	85375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	109533	39.59	ng		0.00
7) Phenol-d6	6.51	99	85377	26.24	ng		0.03
23) Nitrobenzene-d5	7.39	82	216832	77.05	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	66848	111.25	ng		0.03
44) 2-Fluorobiphenyl	9.20	172	332176	71.56	ng		0.00
78) Terphenyl-d14	12.94	244	222968	62.80	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	5908	2.72	ng		86
15) Benzyl Alcohol	6.98	79	5609	2.19	ng	#	49
19) n-Nitroso-di-n-propylamine	7.23	70	8234	4.18	ng	#	1
25) Isophorone	7.63	82	11833	2.22	ng	#	1
26) 2-Nitrophenol	7.80	139	7975	5.11	ng	#	19
27) 2,4-Dimethylphenol	7.81	122	13312	4.89	ng		95
32) Benzoic acid	7.96	122	19302	18.97	ng	#	29
35) Caprolactam	8.57	113	21472	29.40	ng	#	1
47) 2-Nitroaniline	9.38	65	17735	16.36	ng	#	36
49) Dimethylphthalate	9.61	163	22193	4.54	ng	#	30
50) 2,6-Dinitrotoluene	9.73	165	4758	4.61	ng	#	1
51) Acenaphthene	9.90	154	22636	6.05	ng	#	60
52) 3-Nitroaniline	9.82	138	28459	25.97	ng	#	5
53) 2,4-Dinitrophenol	9.97	184	568	9.16	ng	#	1
55) 4-Nitrophenol	10.03	139	16249	25.23	ng	#	1
59) Diethylphthalate	10.38	149	314302	65.42	ng	#	72
60) 4-Chlorophenyl-phenylether	10.42	204	6250	3.07	ng	#	27
61) 4-Nitroaniline	10.41	138	10662	9.51	ng	#	1
62) Azobenzene	10.62	77	16712	3.94	ng	#	57
66) 4-Bromophenyl-phenylether	10.69	248	4331	3.86	ng	#	1
73) Di-n-butylphthalate	11.89	149	31385	4.81	ng	#	40

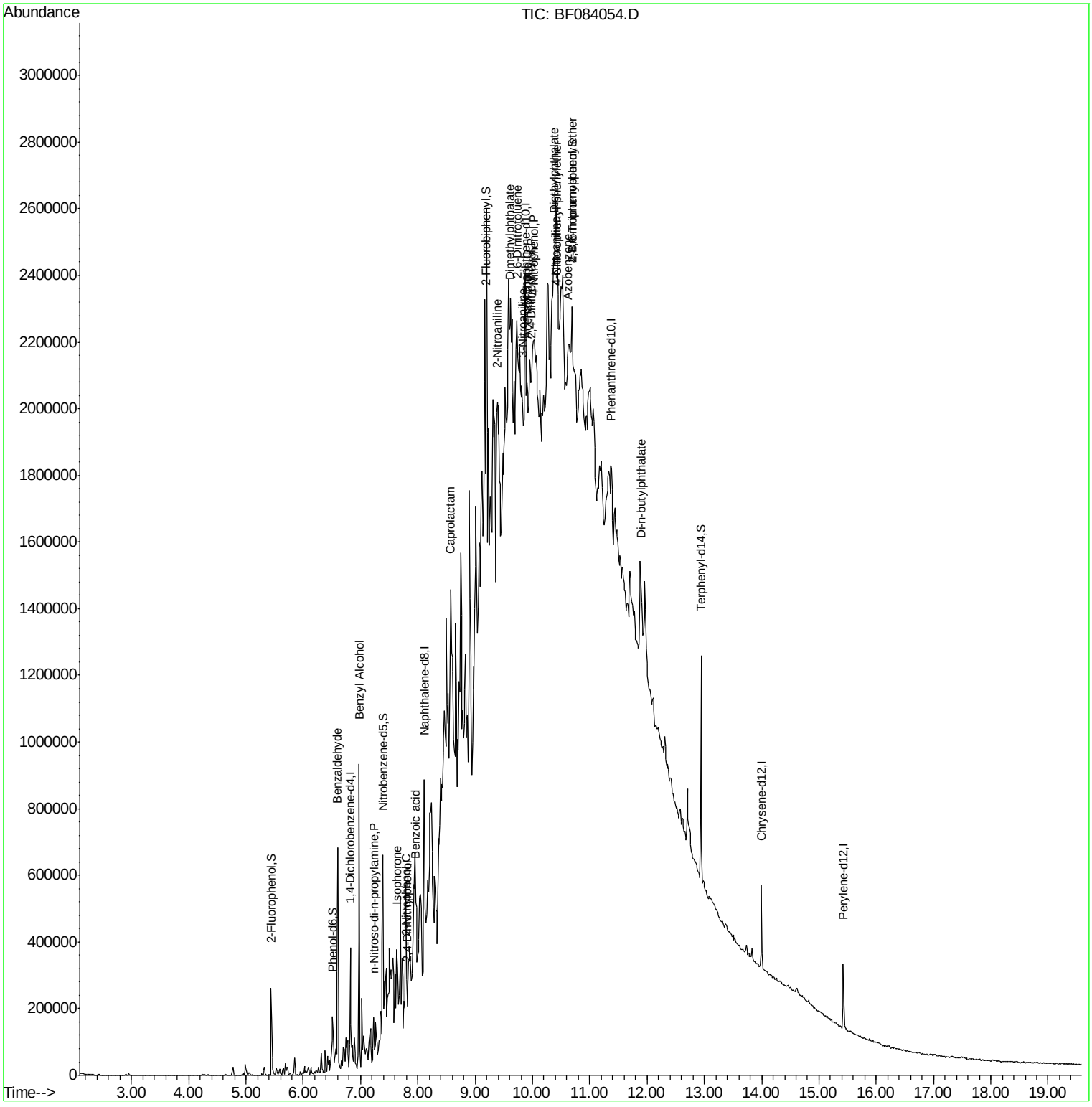
(#) = qualifier out of range (m) = manual integration (+) = signals summed

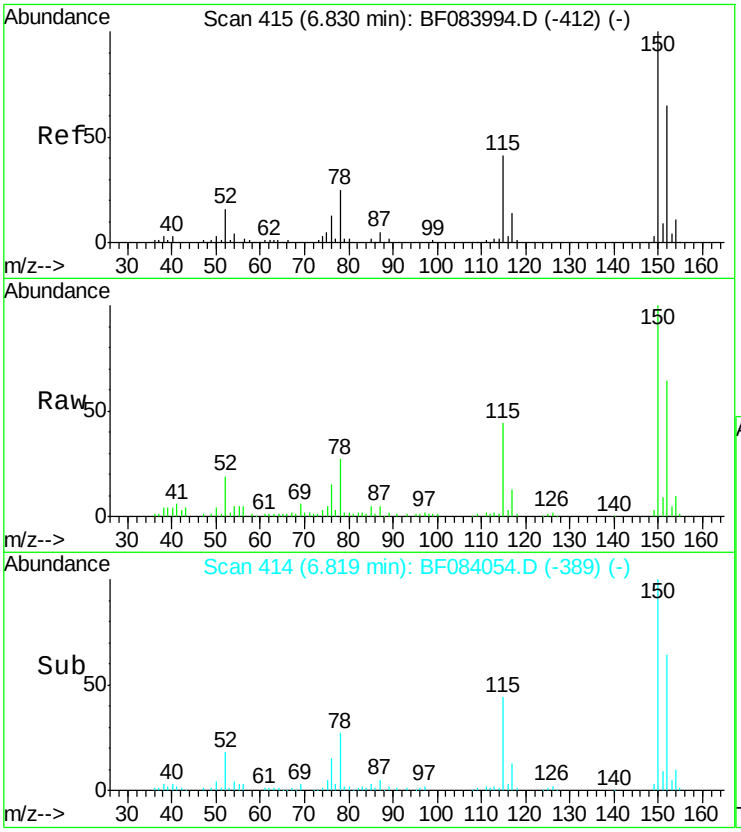
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084054.D
Acq On : 24 Dec 2015 00:58
Operator : UM/SJ
Sample : G4907-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Time: Dec 24 02:39:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



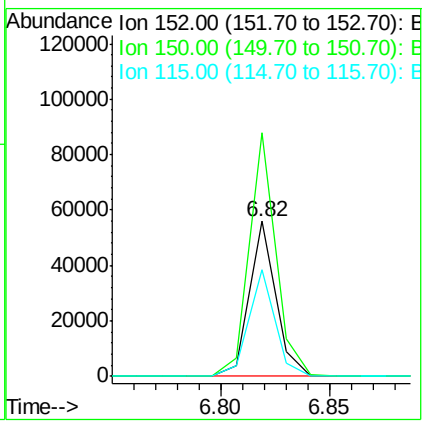


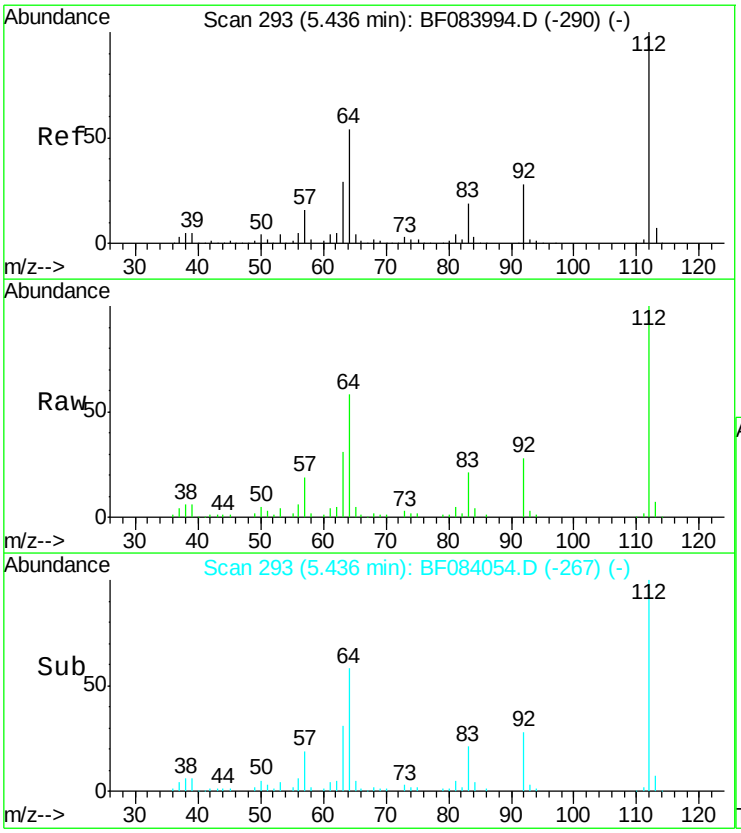
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 47178

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	68.6	51.4	77.2

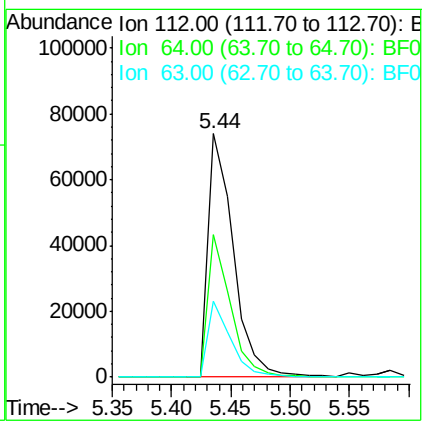


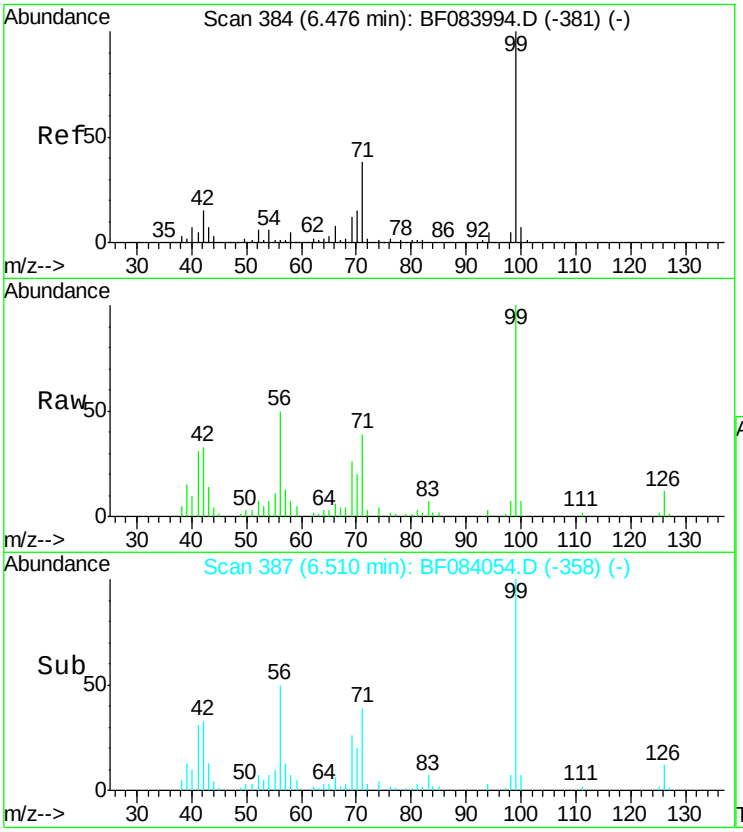


#5
2-Fluorophenol
Concen: 39.59 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:112 Resp: 109533

Ion	Ratio	Lower	Upper
112	100		
64	58.3	36.6	55.0#
63	31.3	19.4	29.0#



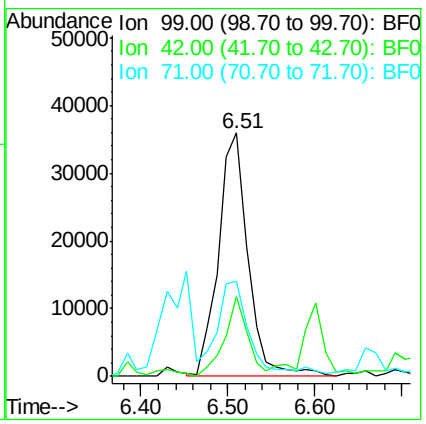


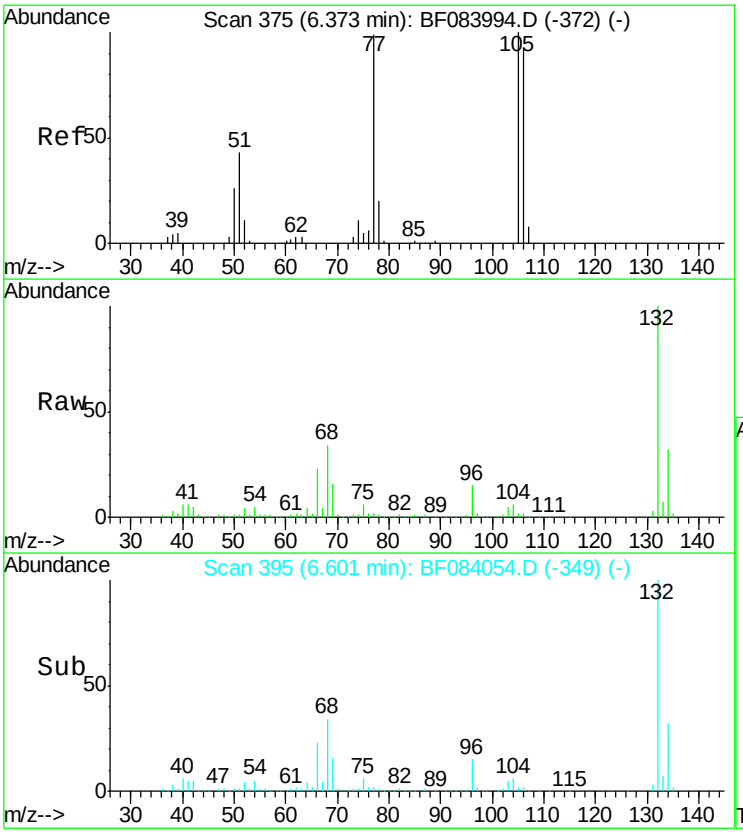
#7
Phenol-d6
Concen: 26.24 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 85377

Ion	Ratio	Lower	Upper
99	100		
42	32.5	12.8	19.2#
71	38.9	30.9	46.3

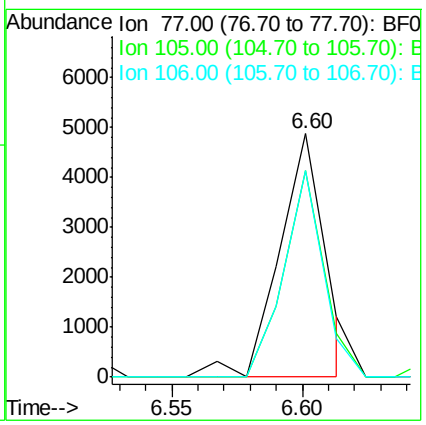


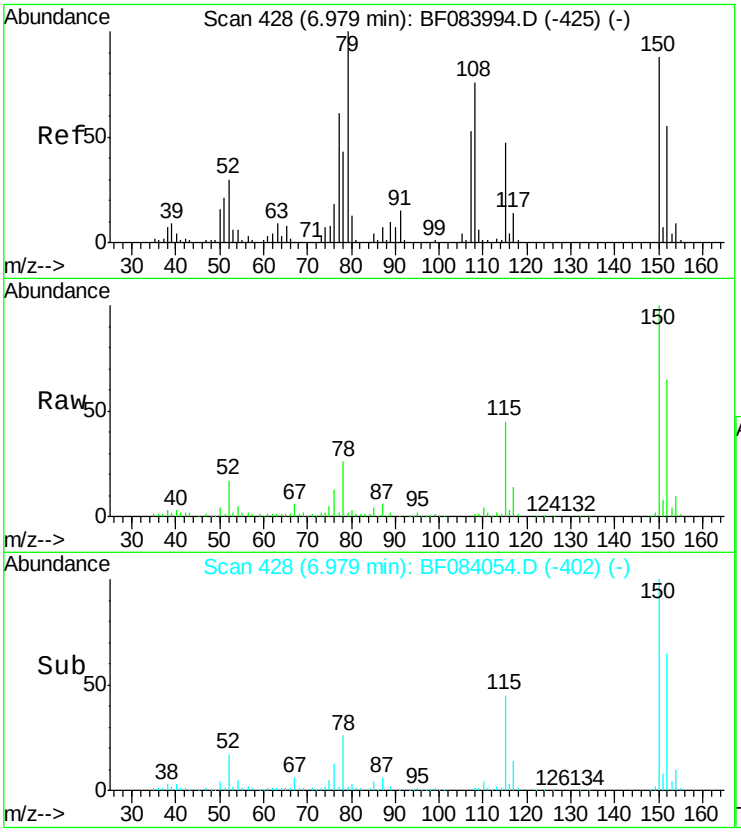


#9
Benzaldehyde
Concen: 2.72 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.23 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion: 77 Resp: 5908

Ion	Ratio	Lower	Upper
77	100		
105	85.0	83.0	123.0
106	84.9	74.6	114.6



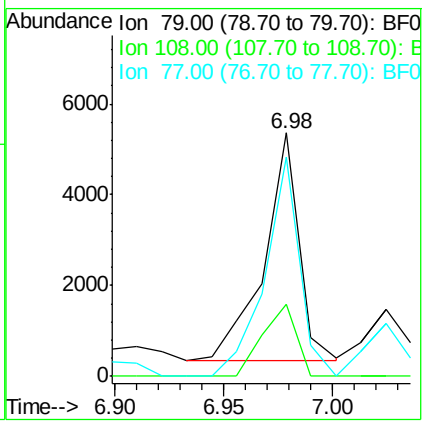


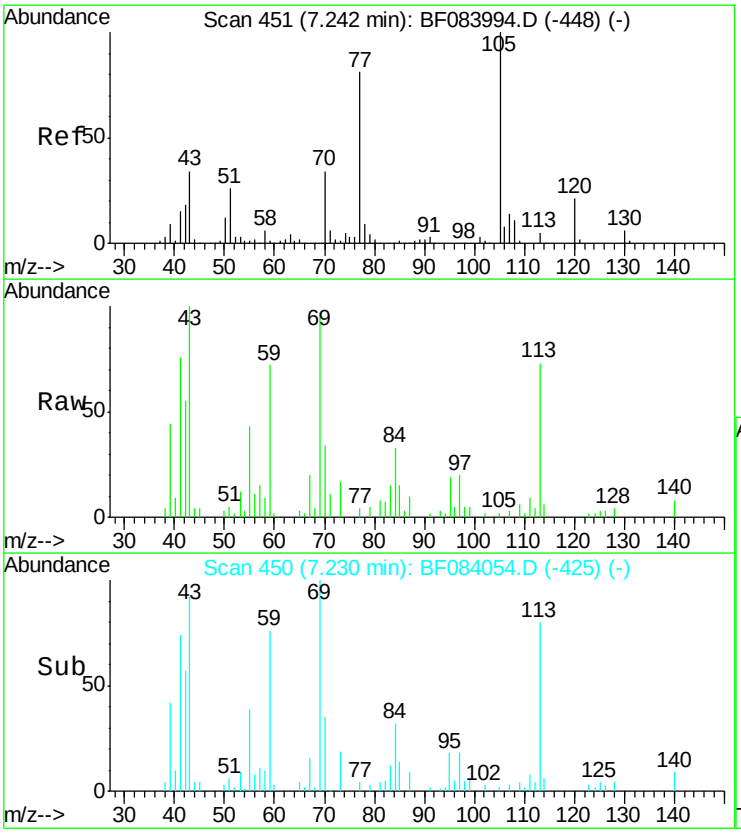
#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 79 Resp: 5609

Ion	Ratio	Lower	Upper
79	100		
108	29.4	69.0	103.4#
77	90.0	50.0	75.0#

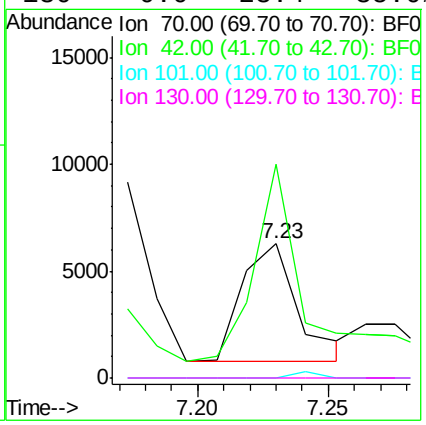


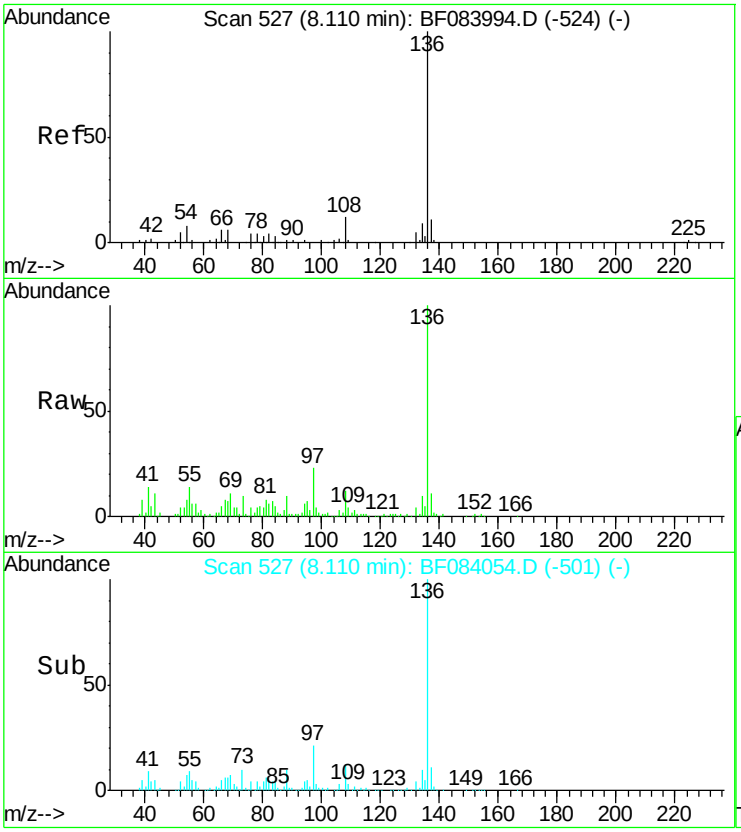


#19
n-Nitroso-di-n-propylamine
Concen: 4.18 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion: 70 Resp: 8234

Ion	Ratio	Lower	Upper
70	100		
42	159.0	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



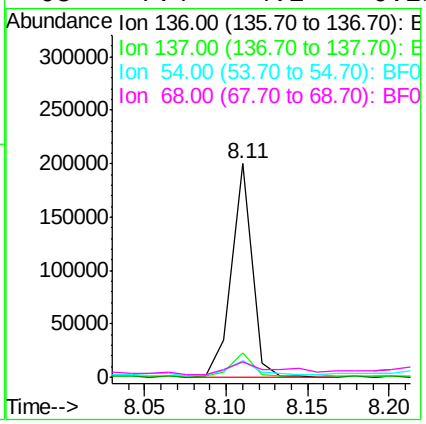


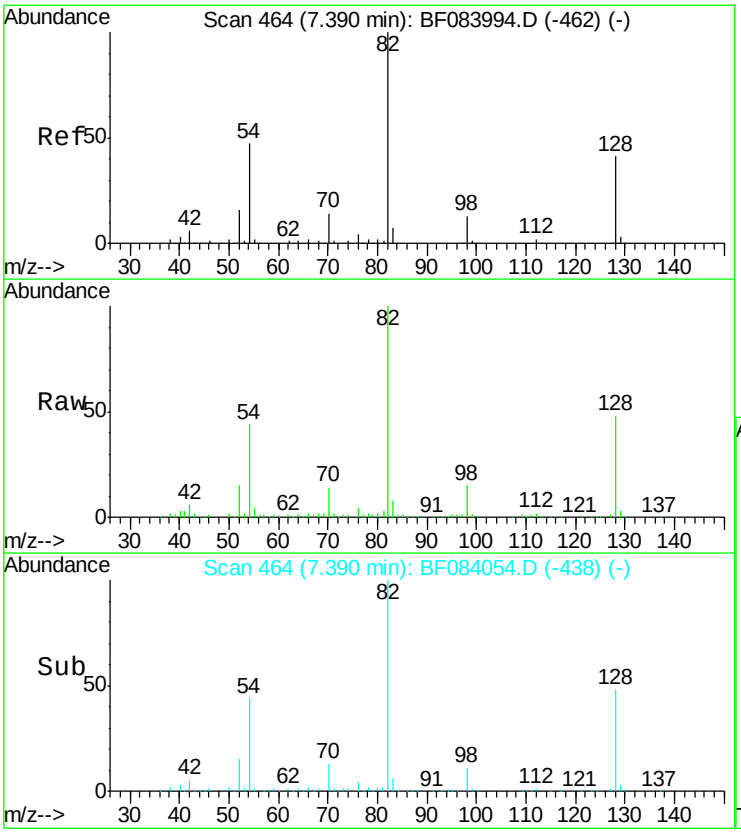
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 172890

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.9	5.8	8.8
68	7.4	4.2	6.2#

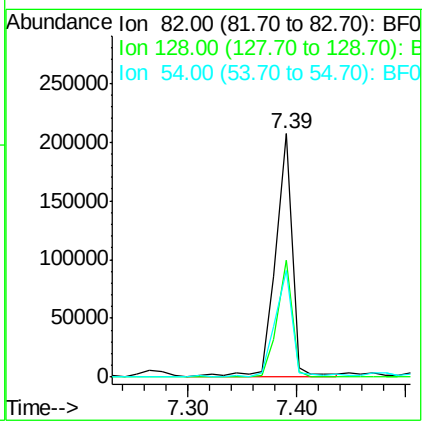


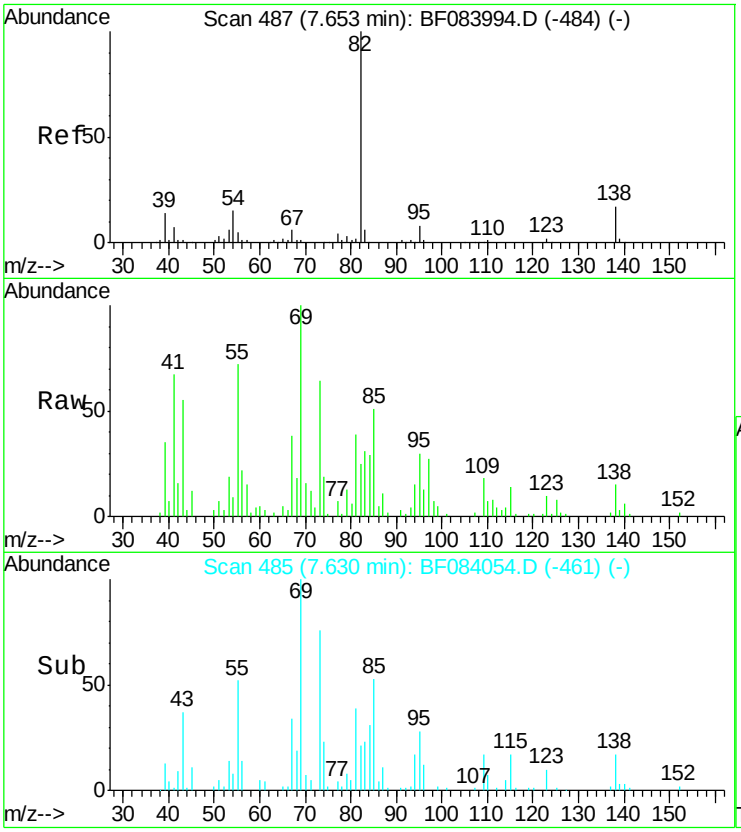


#23
Nitrobenzene-d5
Concen: 77.05 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion: 82 Resp: 216832

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.6	51.8
54	44.0	38.4	57.6



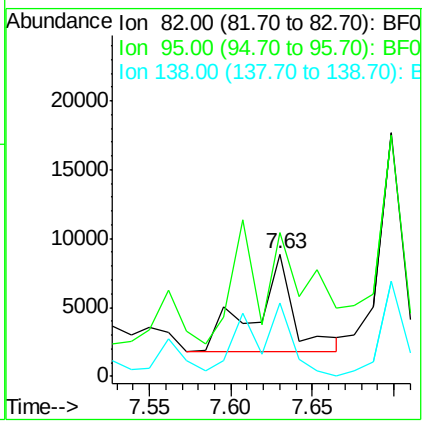


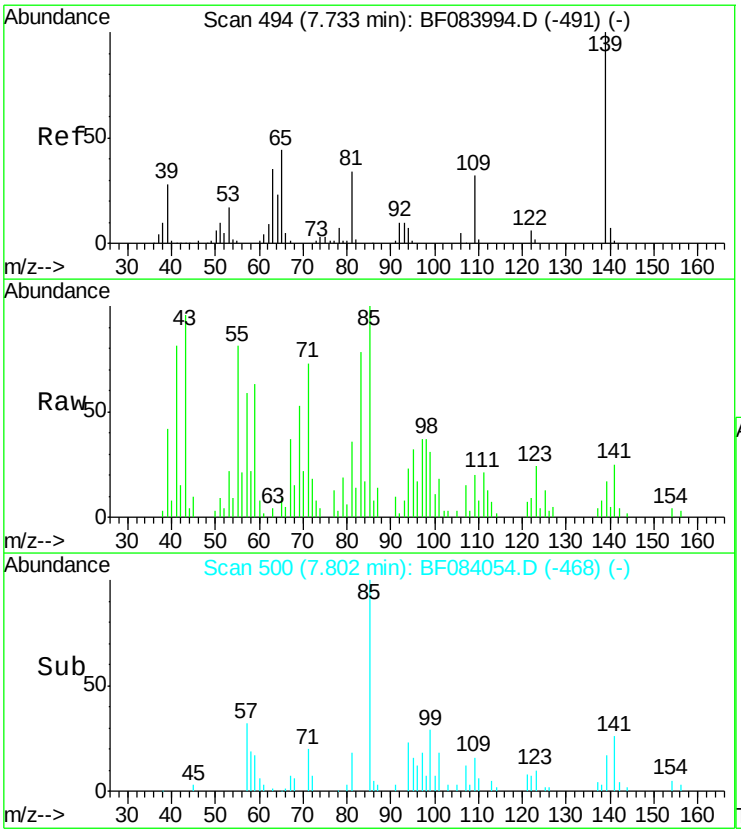
#25
Isophorone
Concen: 2.22 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 82 Resp: 11833

Ion	Ratio	Lower	Upper
82	100		
95	117.2	6.6	10.0#
138	59.6	13.6	20.4#

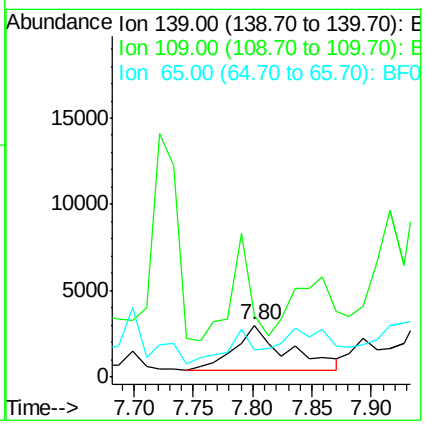


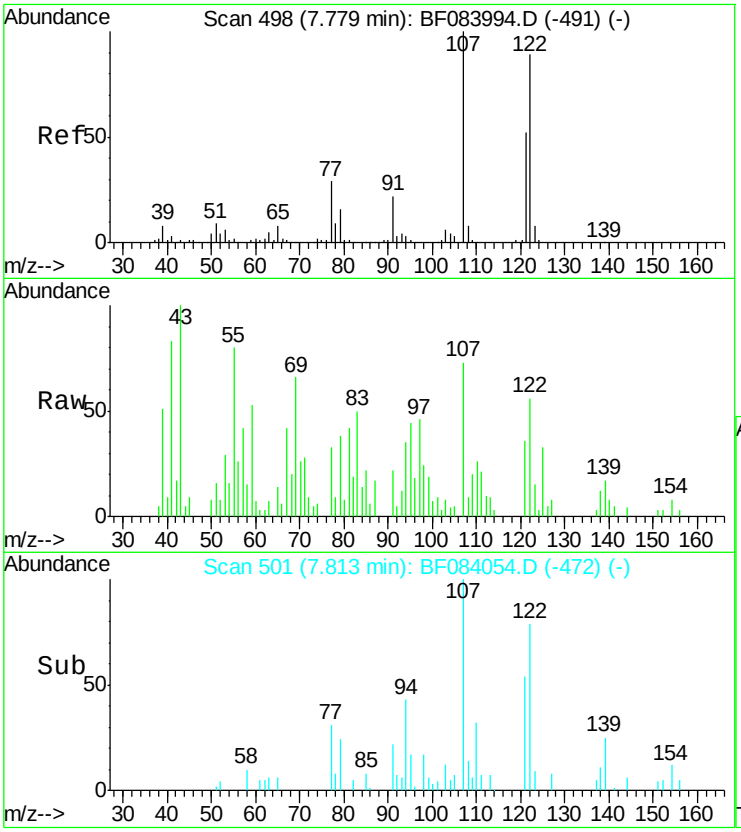


#26
2-Nitrophenol
Concen: 5.11 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.07 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:139 Resp: 7975

Ion	Ratio	Lower	Upper
139	100		
109	119.2	25.4	38.2#
65	53.5	32.3	48.5#



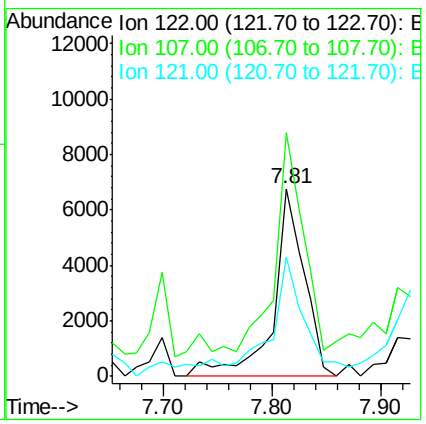


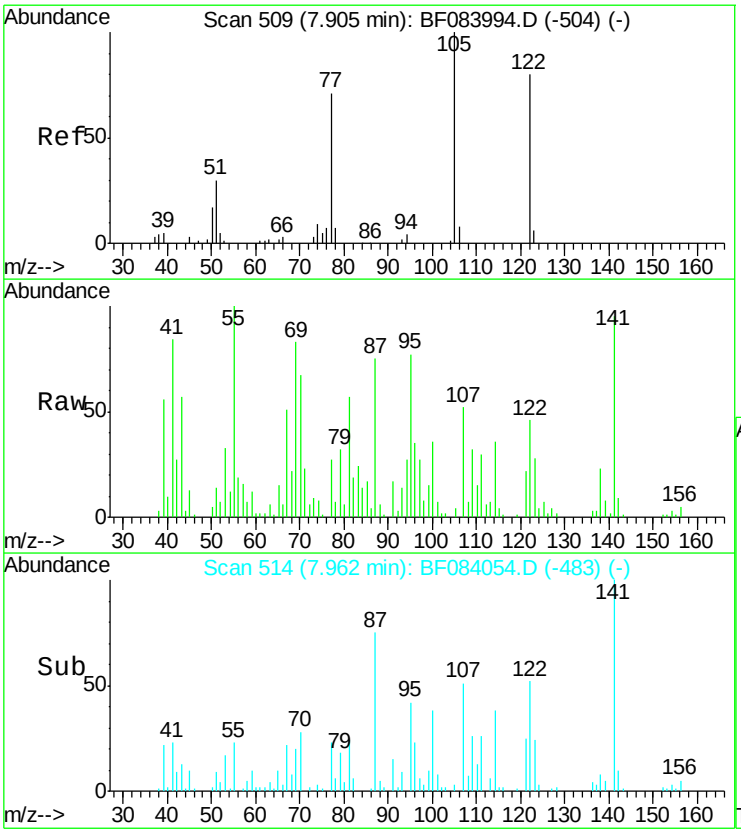
#27
2,4-Dimethylphenol
Concen: 4.89 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:122 Resp: 13312

Ion	Ratio	Lower	Upper
122	100		
107	129.9	99.1	148.7
121	63.7	47.9	71.9

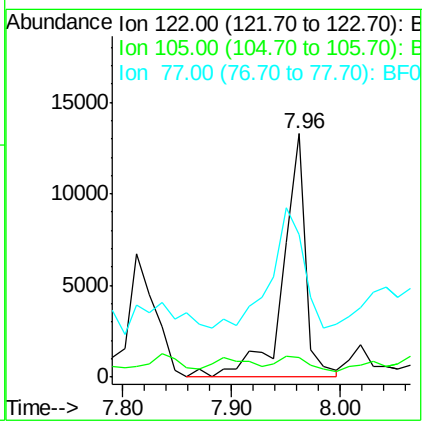


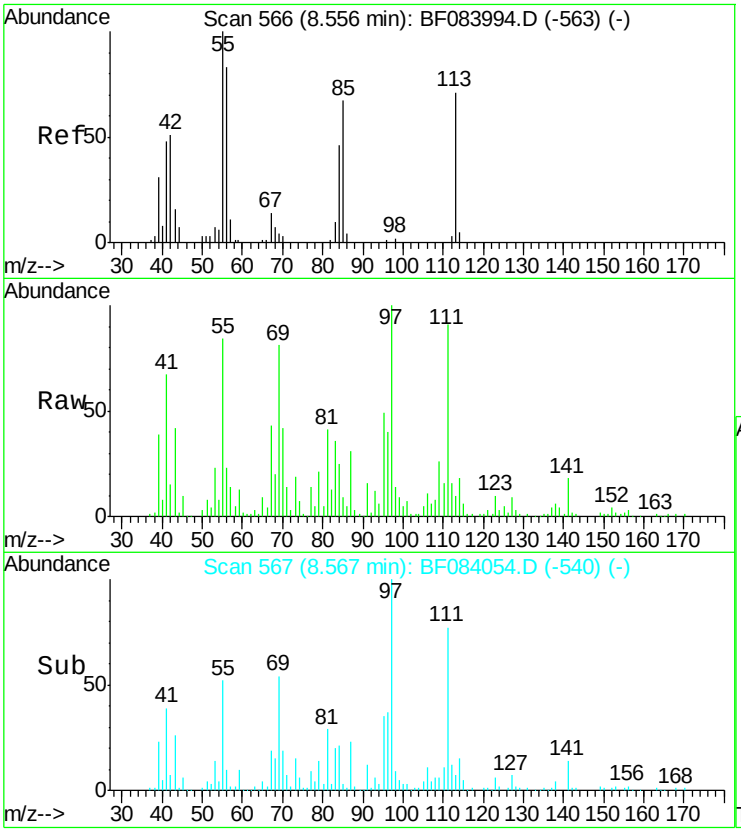


#32
Benzoic acid
Concen: 18.97 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.06 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:122 Resp: 19302

Ion	Ratio	Lower	Upper
122	100		
105	8.3	100.3	140.3#
77	58.7	63.5	103.5#



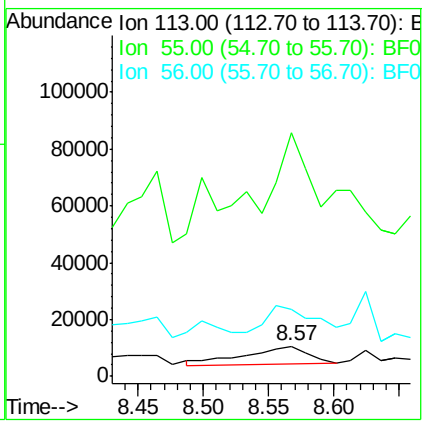


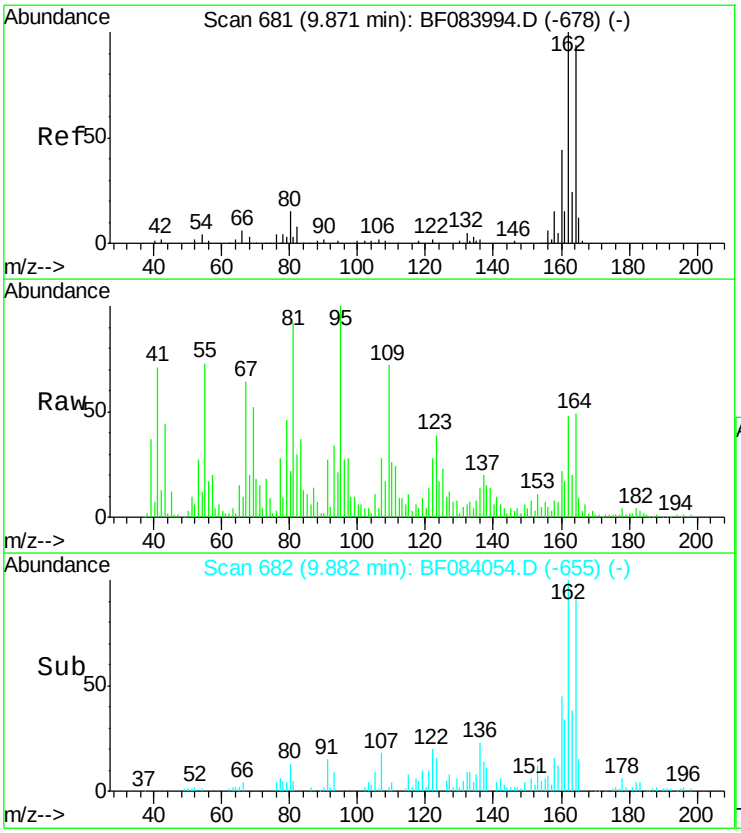
#35
Caprolactam
Concen: 29.40 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:113 Resp: 21472

Ion	Ratio	Lower	Upper
113	100		
55	809.2	116.9	156.9#
56	222.4	93.8	133.8#

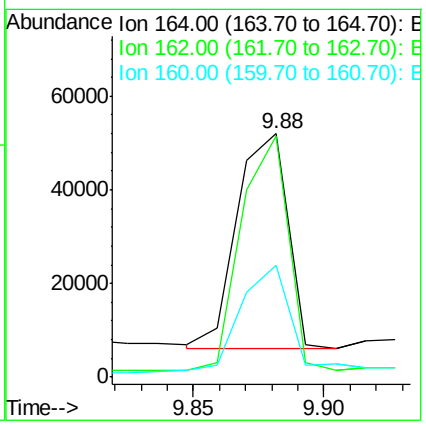


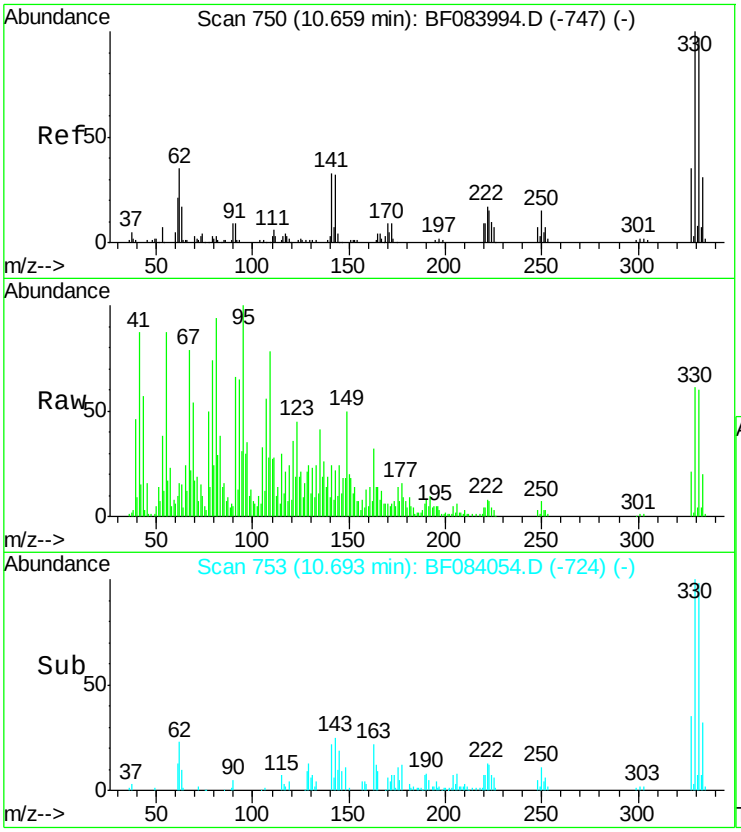


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:164 Resp: 62468

Ion	Ratio	Lower	Upper
164	100		
162	99.0	85.1	127.7
160	46.1	37.5	56.3



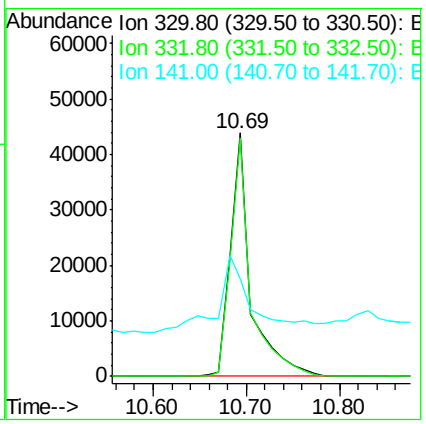


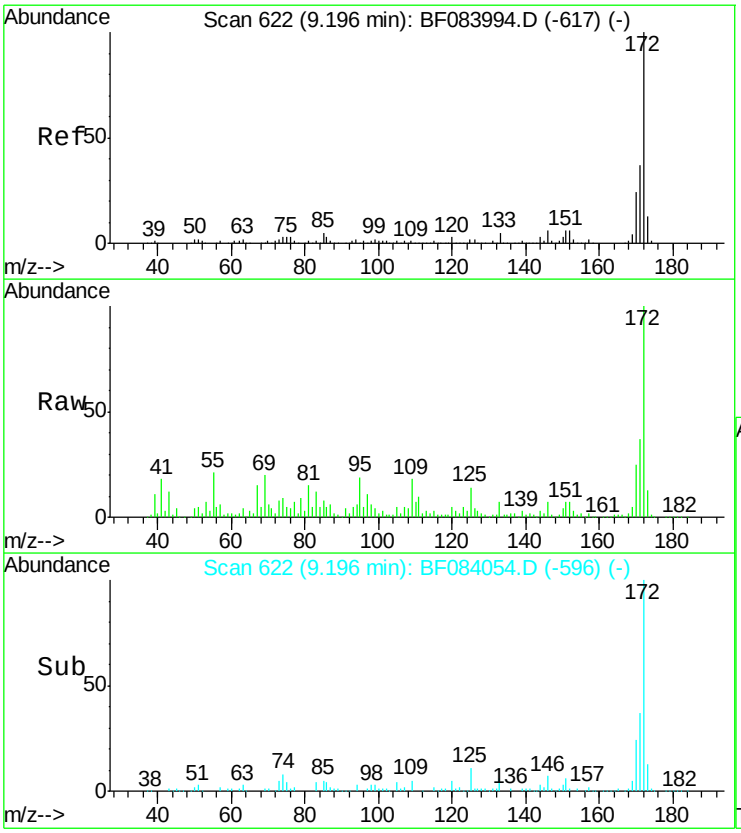
#41
2,4,6-Tribromophenol
Concen: 111.25 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 66848

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	53.1	27.8	41.6#

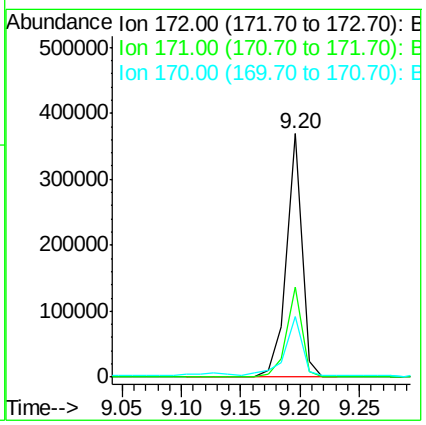


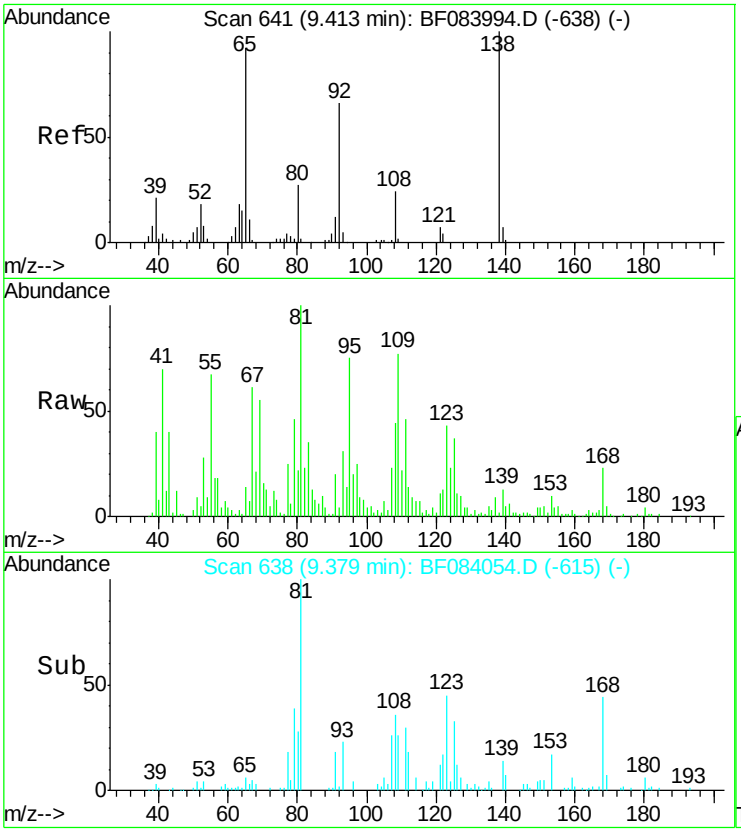


#44
2-Fluorobiphenyl
Concen: 71.56 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:172 Resp: 332176

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	24.7	18.6	27.8



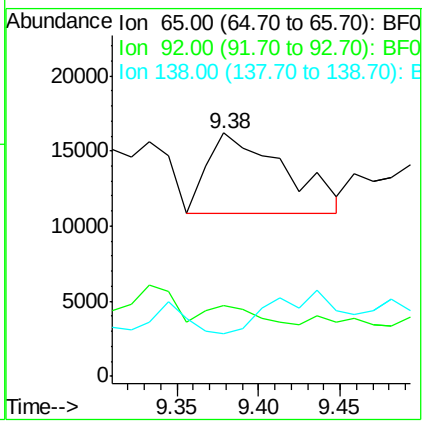


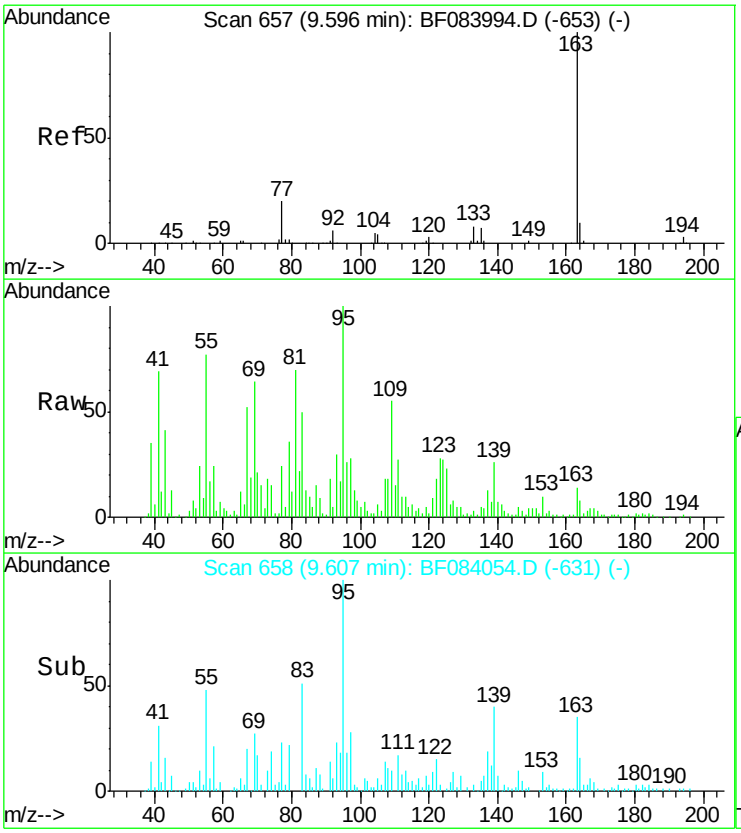
#47
2-Nitroaniline
Concen: 16.36 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 65 Resp: 17735

Ion	Ratio	Lower	Upper
65	100		
92	28.9	53.4	80.2#
138	17.3	71.1	106.7#

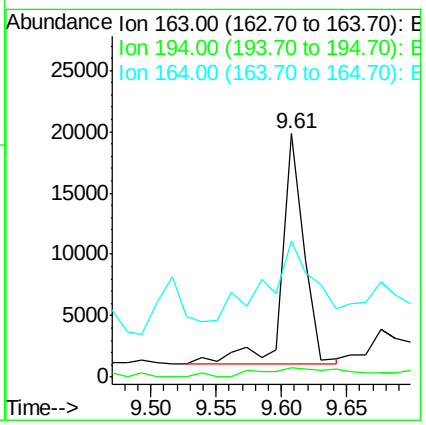


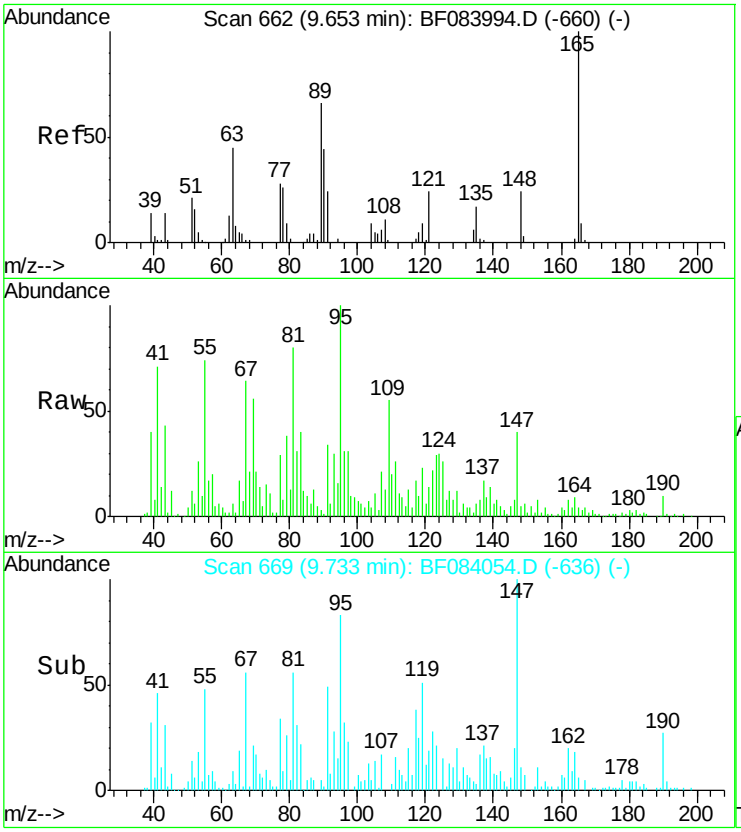


#49
Dimethylphthalate
Concen: 4.54 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:163 Resp: 22193

Ion	Ratio	Lower	Upper
163	100		
194	4.0	8.0	12.0#
164	55.8	8.0	12.0#



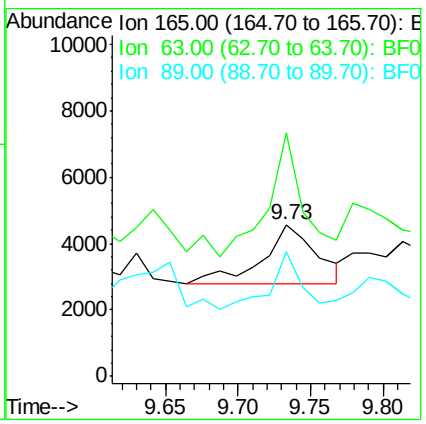


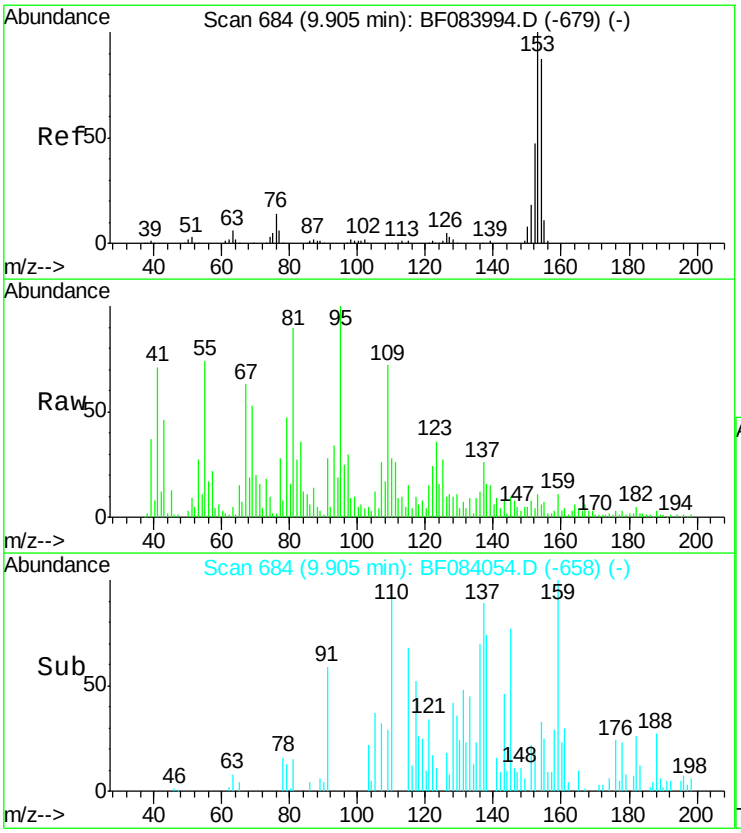
#50
2,6-Dinitrotoluene
Concen: 4.61 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.08 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:165 Resp: 4758

Ion	Ratio	Lower	Upper
165	100		
63	160.5	28.8	43.2#
89	82.4	35.1	52.7#

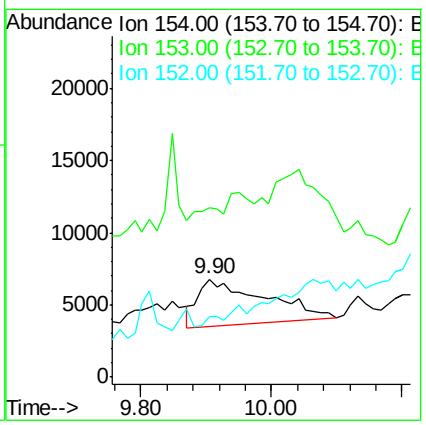


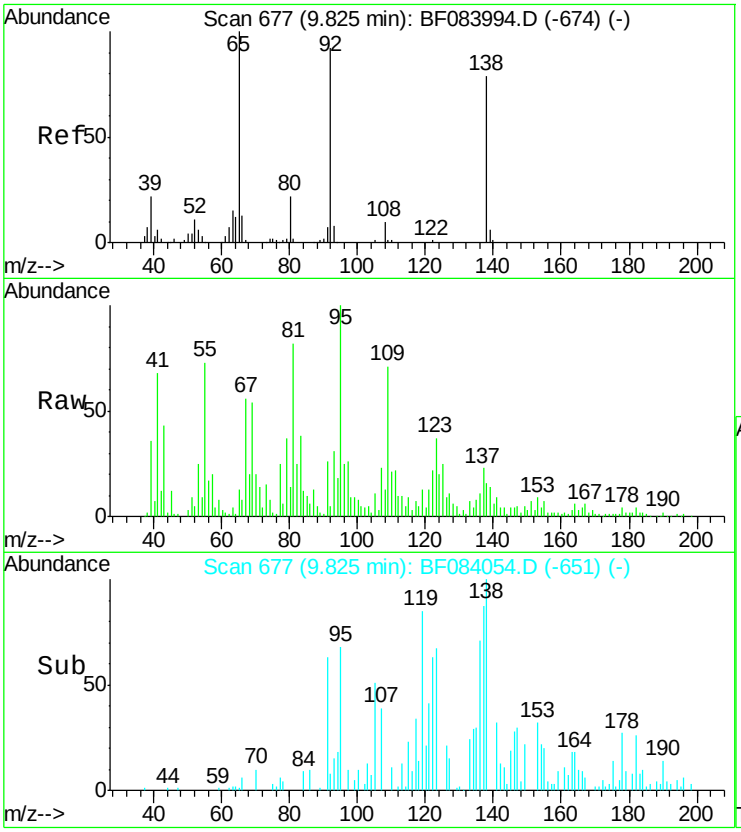


#51
Acenaphthene
Concen: 6.05 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:154 Resp: 22636

Ion	Ratio	Lower	Upper
154	100		
153	172.4	91.5	137.3#
152	61.5	43.0	64.6



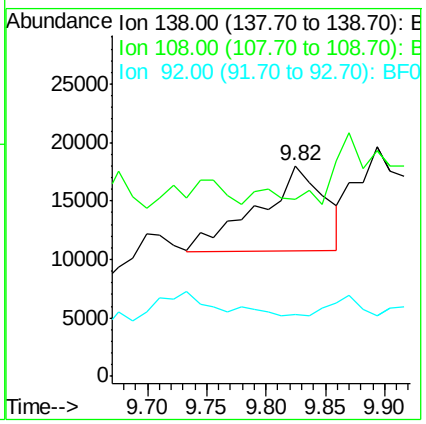


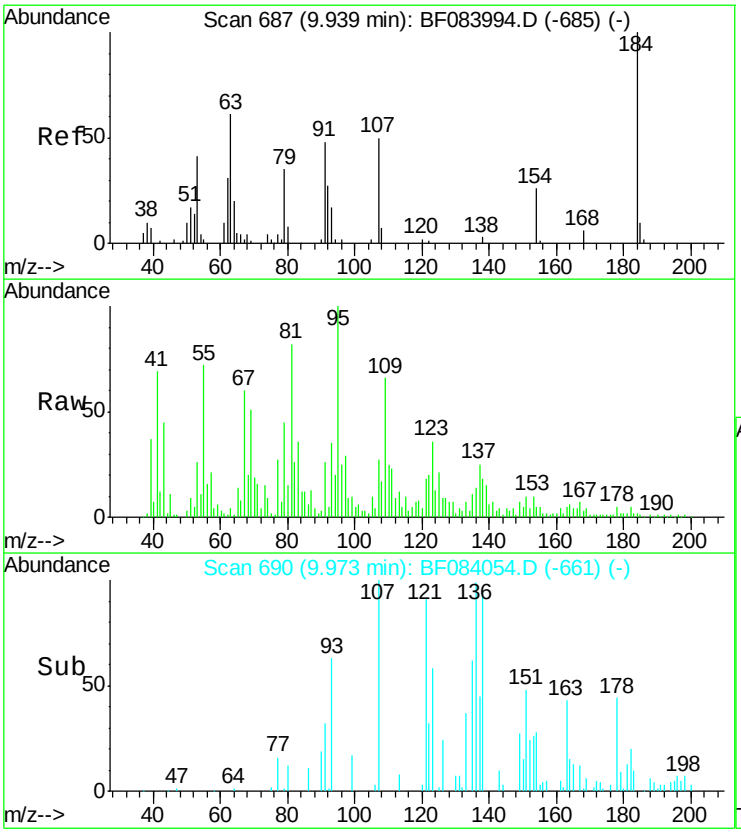
#52
3-Nitroaniline
Concen: 25.97 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:138 Resp: 28459

Ion	Ratio	Lower	Upper
138	100		
108	84.1	10.5	15.7#
92	29.4	103.9	155.9#

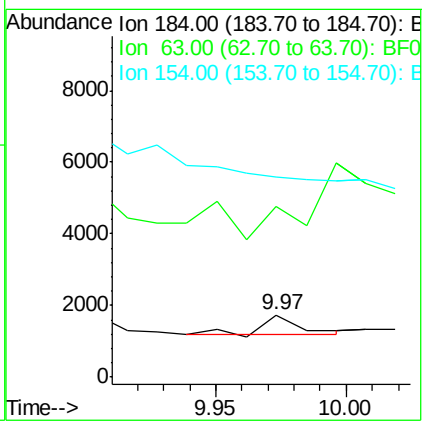


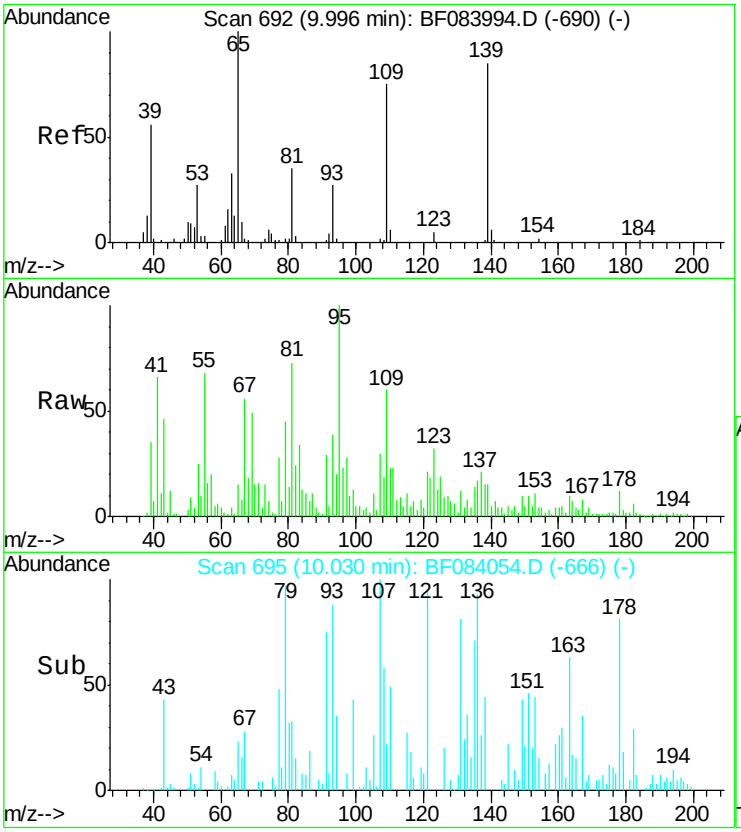


#53
2,4-Dinitrophenol
Concen: 9.16 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:184 Resp: 568

Ion	Ratio	Lower	Upper
184	100		
63	273.1	43.1	64.7#
154	319.6	60.5	90.7#



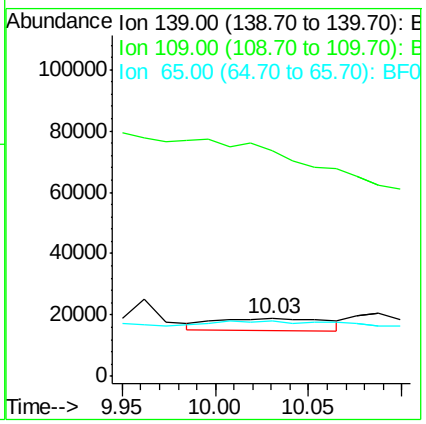


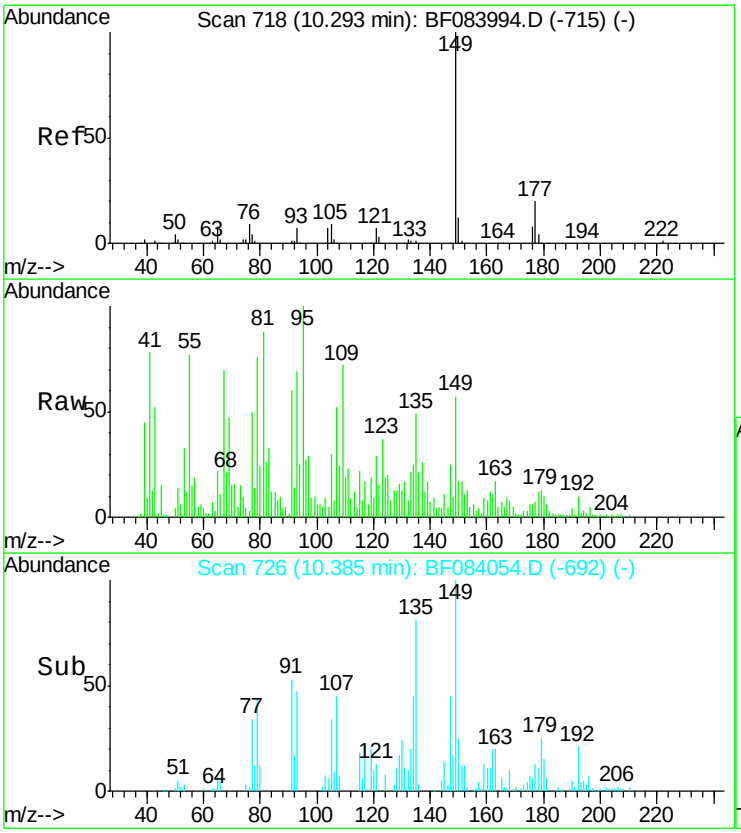
#55
4-Nitrophenol
Concen: 25.23 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:139 Resp: 16249

Ion	Ratio	Lower	Upper
139	100		
109	393.5	58.5	98.5#
65	96.9	57.6	97.6

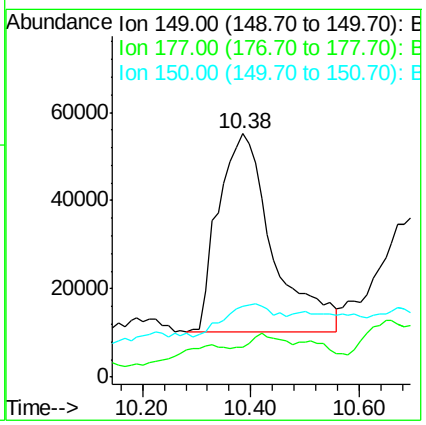


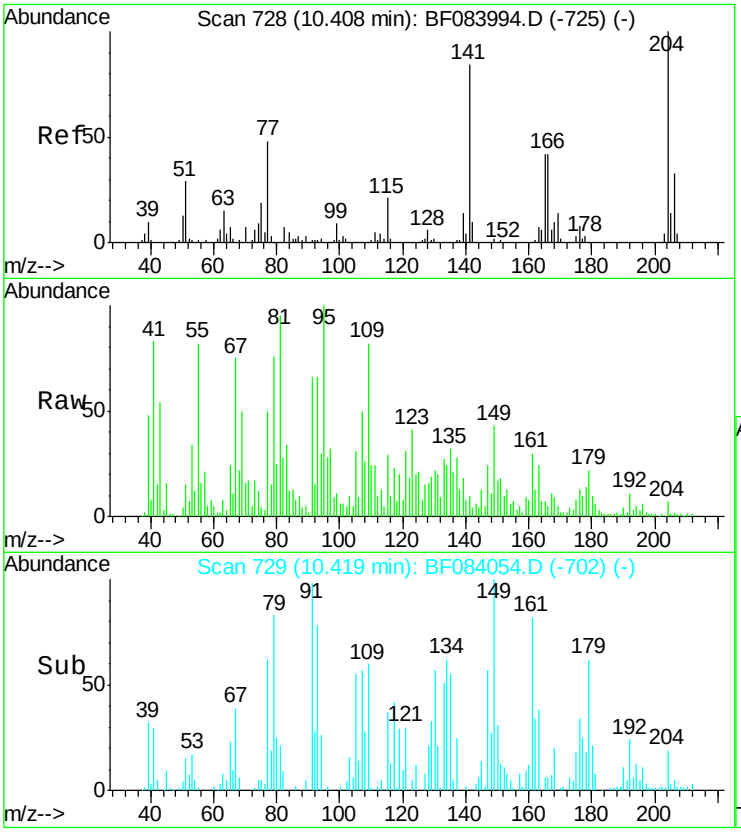


#59
Diethylphthalate
Concen: 65.42 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.09 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:149 Resp: 314302

Ion	Ratio	Lower	Upper
149	100		
177	12.3	17.3	25.9#
150	29.1	9.8	14.8#



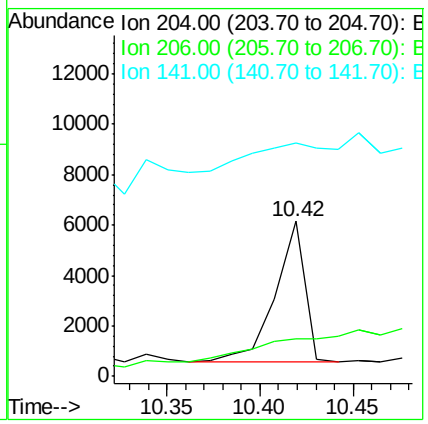


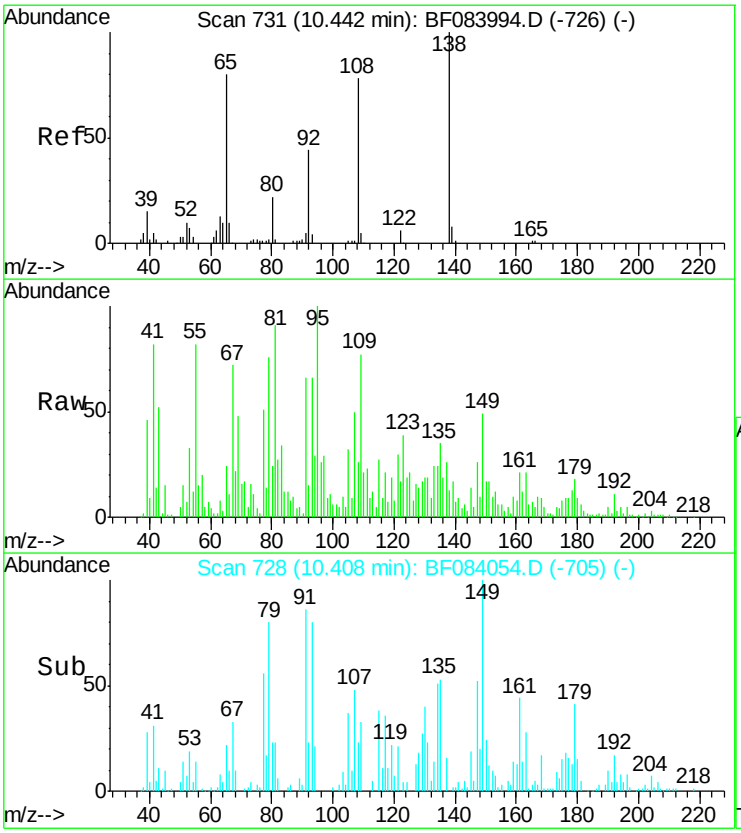
#60
4-Chlorophenyl-phenylether
Concen: 3.07 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:204 Resp: 6250

Ion	Ratio	Lower	Upper
204	100		
206	24.2	25.7	38.5#
141	150.4	55.1	82.7#

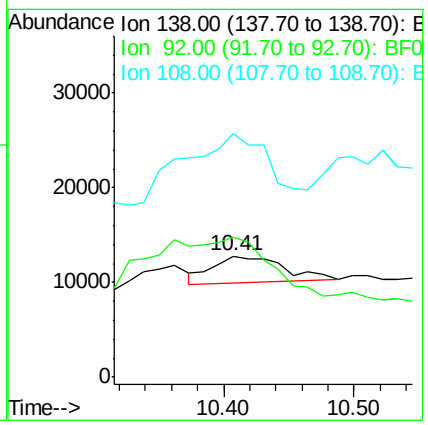


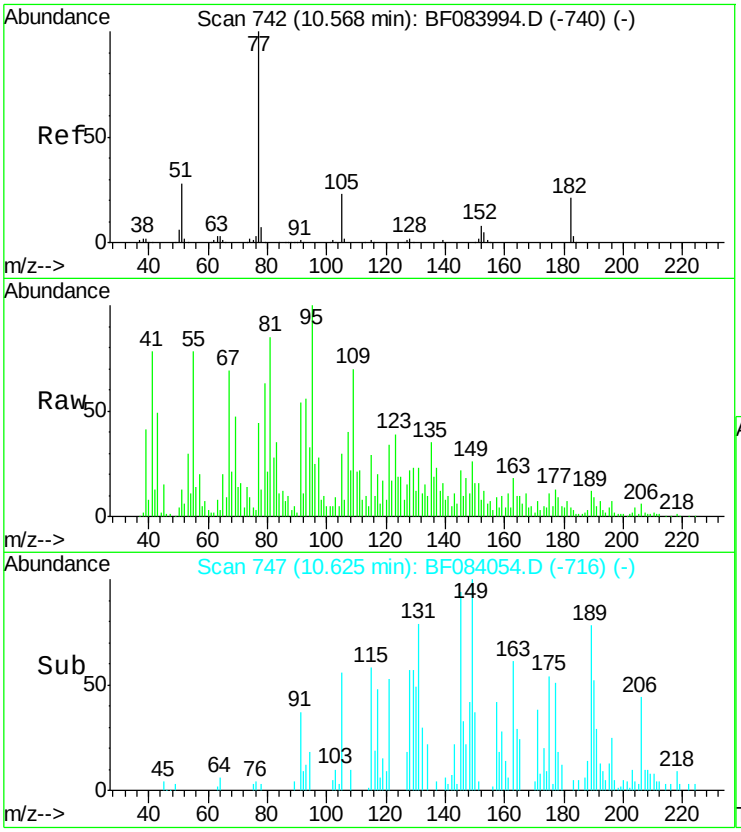


#61
4-Nitroaniline
Concen: 9.51 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:138 Resp: 10662

Ion	Ratio	Lower	Upper
138	100		
92	115.8	32.6	72.6#
108	200.9	68.6	108.6#



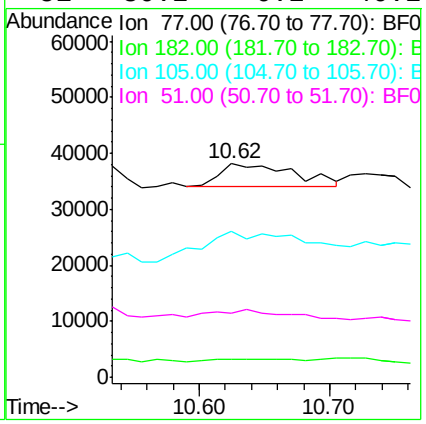


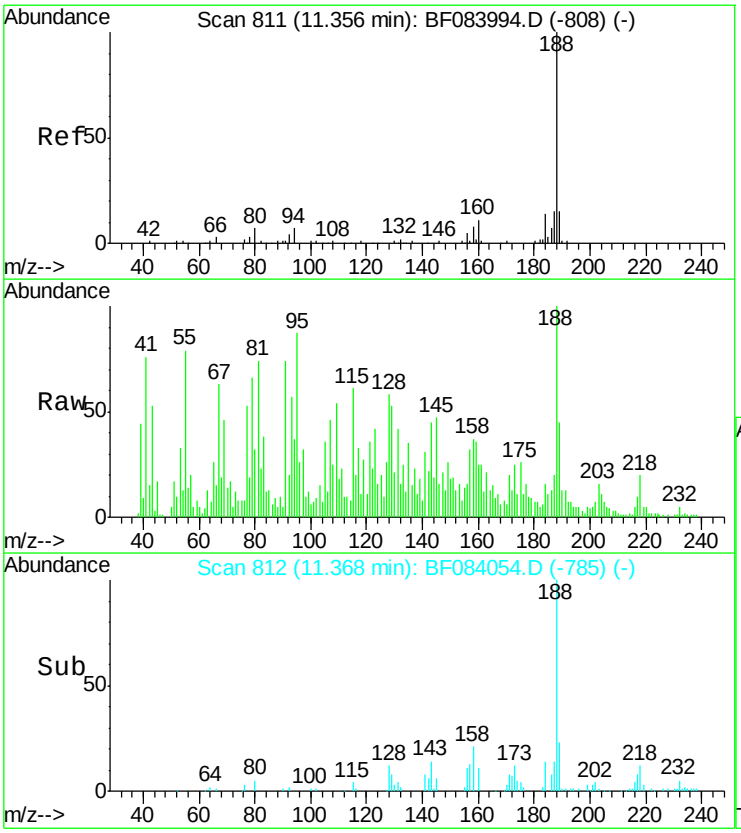
#62
Azobenzene
Concen: 3.94 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.06 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 77 Resp: 16712

Ion	Ratio	Lower	Upper
77	100		
182	8.5	8.3	48.3
105	68.4	4.6	44.6#
51	30.2	6.2	46.2

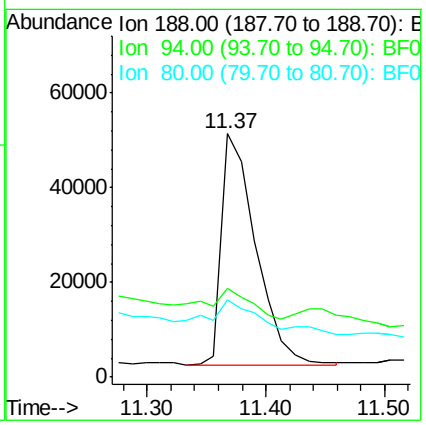


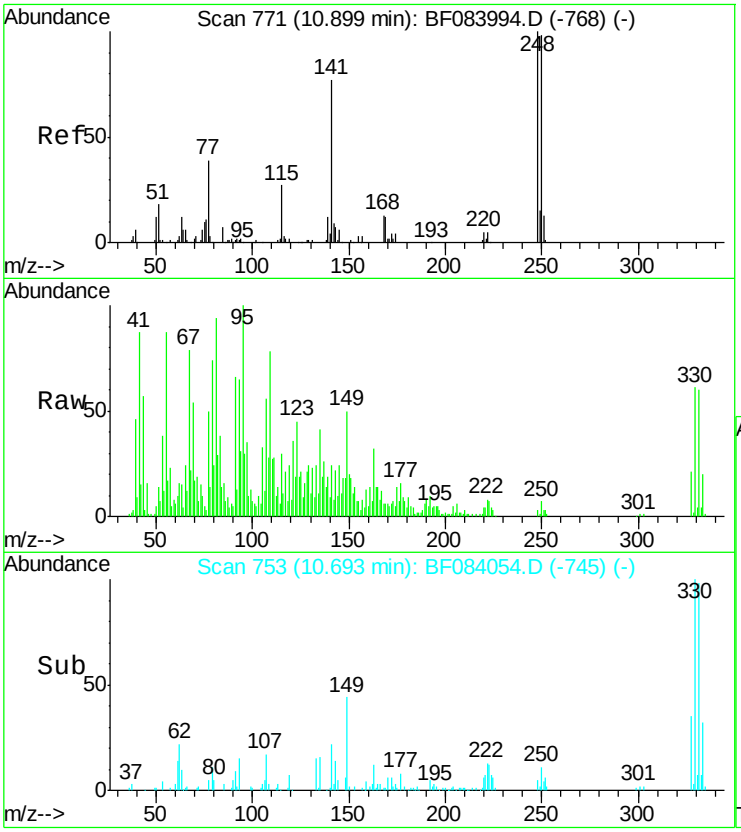


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:188 Resp: 97962

Ion	Ratio	Lower	Upper
188	100		
94	36.6	9.0	13.4#
80	31.6	9.6	14.4#



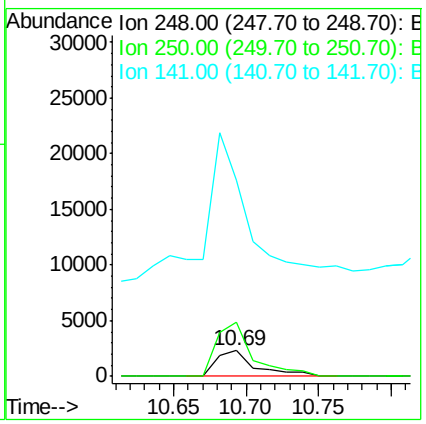


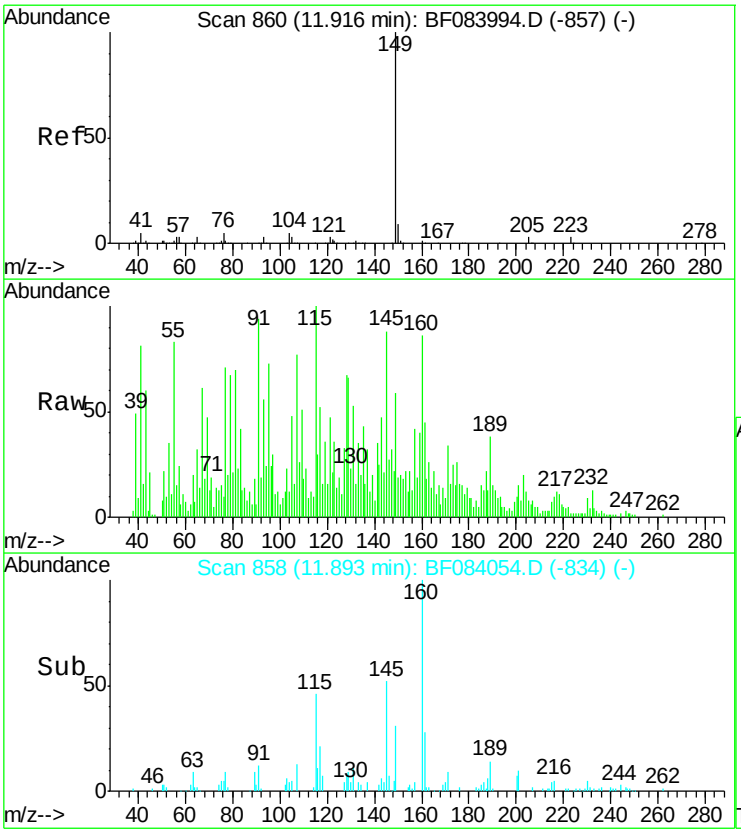
#66
4-Bromophenyl-phenylether
Concen: 3.86 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.21 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:248 Resp: 4331

Ion	Ratio	Lower	Upper
248	100		
250	212.4	78.4	117.6#
141	762.3	44.0	66.0#

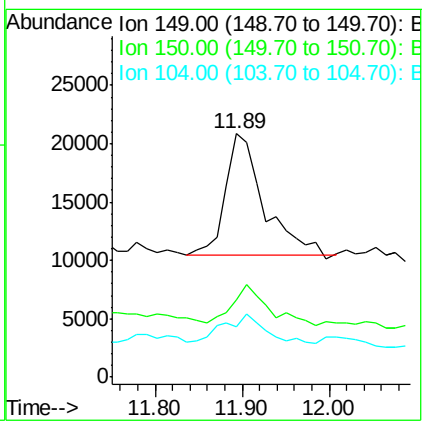


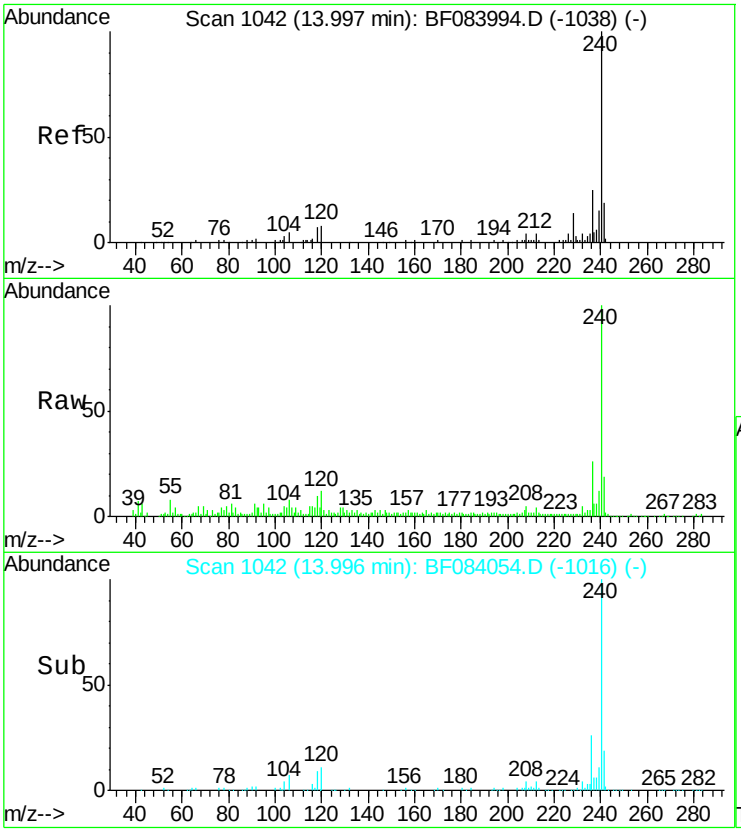


#73
Di-n-butylphthalate
Concen: 4.81 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:149 Resp: 31385

Ion	Ratio	Lower	Upper
149	100		
150	31.8	7.1	10.7#
104	20.8	3.2	4.8#



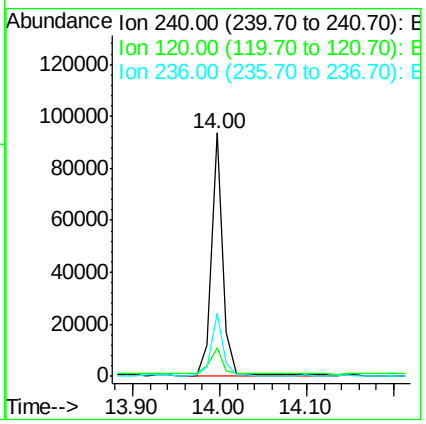


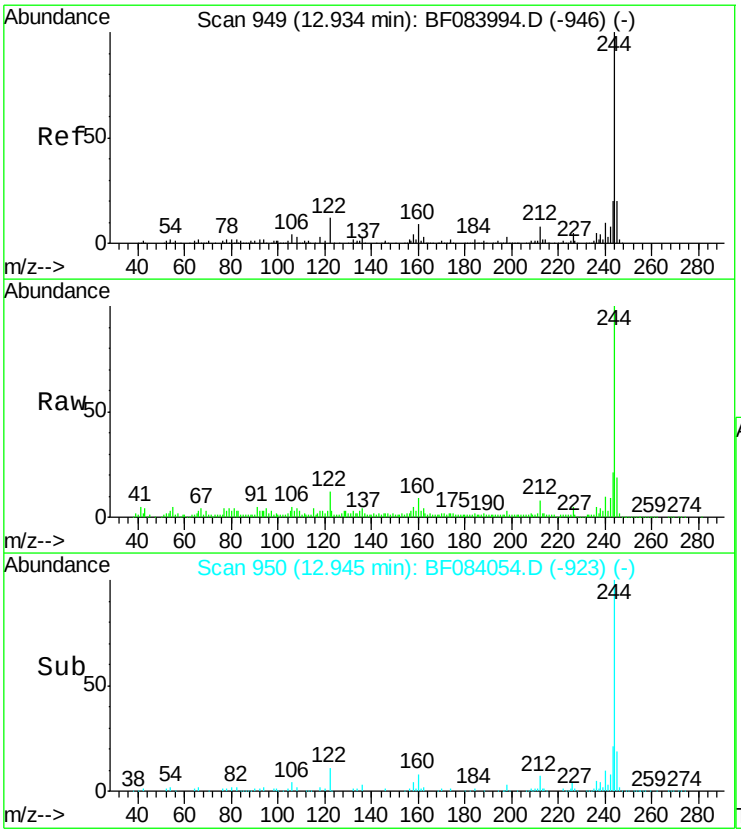
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:240 Resp: 84672

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.9	20.6	31.0

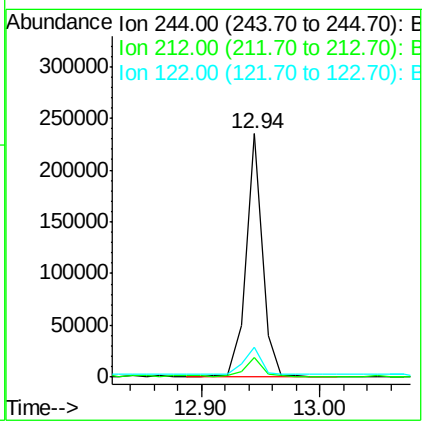


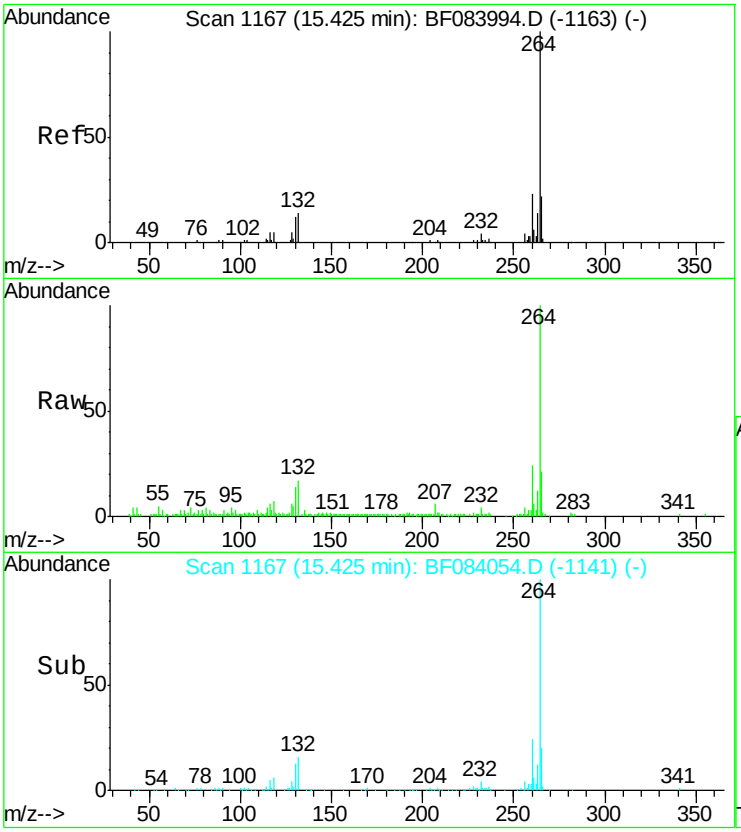


#78
Terphenyl-d14
Concen: 62.80 ng
RT: 12.94 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Tgt Ion:244 Resp: 222968

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	12.1	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084054.D
Acq: 24 Dec 2015 00:58

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:264 Resp: 85375

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.1	17.8	26.6