Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084008.D
Acq On : 23 Dec 2015 00:33
Operator : UM/SJ
Sample : G4894-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: Dec 23 01:13:27 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	6.83	152	5619	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	18532	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	8510	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	15892	20.00	ng		0.00
75) Chrysene-d12	14.00	240	12548	20.00	ng		0.00
86) Perylene-d12	15.43	264	9270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	154584	469.07	ng		0.00
7) Phenol-d6	6.48	99	107152	276.54	ng		0.00
23) Nitrobenzene-d5	7.39	82	256522	850.35	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	131198	1602.82	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	635209	1004.56	ng		0.00
78) Terphenyl-d14	12.93	244	485800	923.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	11263	71.79	ng	#	93
6) Aniline	6.60	93	366	0.68	ng	#	1
9) Benzaldehyde	6.60	77	7259	28.05	ng		90
10) Phenol	6.49	94	1494	3.33	ng	#	64
11) bis(2-Chloroethyl)ether	6.60	93	366	1.07	ng	#	1
15) Benzyl Alcohol	6.98	79	4838	15.86	ng	#	44
19) n-Nitroso-di-n-propylamine	7.39	70	34685	147.72	ng	#	77
24) Nitrobenzene	7.39	77	567	1.82	ng	#	38
25) Isophorone	7.39	82	230932	404.00	ng	#	66
31) Naphthalene	8.14	128	501	0.53	ng	#	68
45) 1,1'-Biphenyl	9.20	154	1281	1.70	ng	#	1
47) 2-Nitroaniline	9.20	65	945	6.40	ng	#	1
49) Dimethylphthalate	9.58	163	14418	21.65	ng	#	90
50) 2,6-Dinitrotoluene	9.87	165	1200	8.54	ng	#	35
54) Dibenzofuran	10.09	168	531	0.70	ng	#	45
56) 2,4-Dinitrotoluene	9.87	165	1200	6.79	ng	#	20
57) Fluorene	10.42	166	416	0.69	ng	#	77
59) Diethylphthalate	10.29	149	706	1.08	ng	#	60
62) Azobenzene	10.66	77	727	1.26	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.66	198	268	2.88	ng	#	1
65) n-Nitrosodiphenylamine	10.66	169	4639	7.90	ng	#	45
66) 4-Bromophenyl-phenylether	10.66	248	9889	54.27	ng	#	1
70) Phenanthrene	11.38	178	1469	1.64	ng	#	60
71) Anthracene	11.38	178	1469	1.61	ng	#	60
73) Di-n-butylphthalate	11.92	149	1113	1.05	ng	#	79
77) Pyrene	12.93	202	1649	1.94	ng	#	69
83) Bis(2-ethylhexyl)phthalate	13.97	149	2169	3.99	ng	#	95
84) Di-n-octyl phthalate	14.61	149	924	1.11	ng	#	1

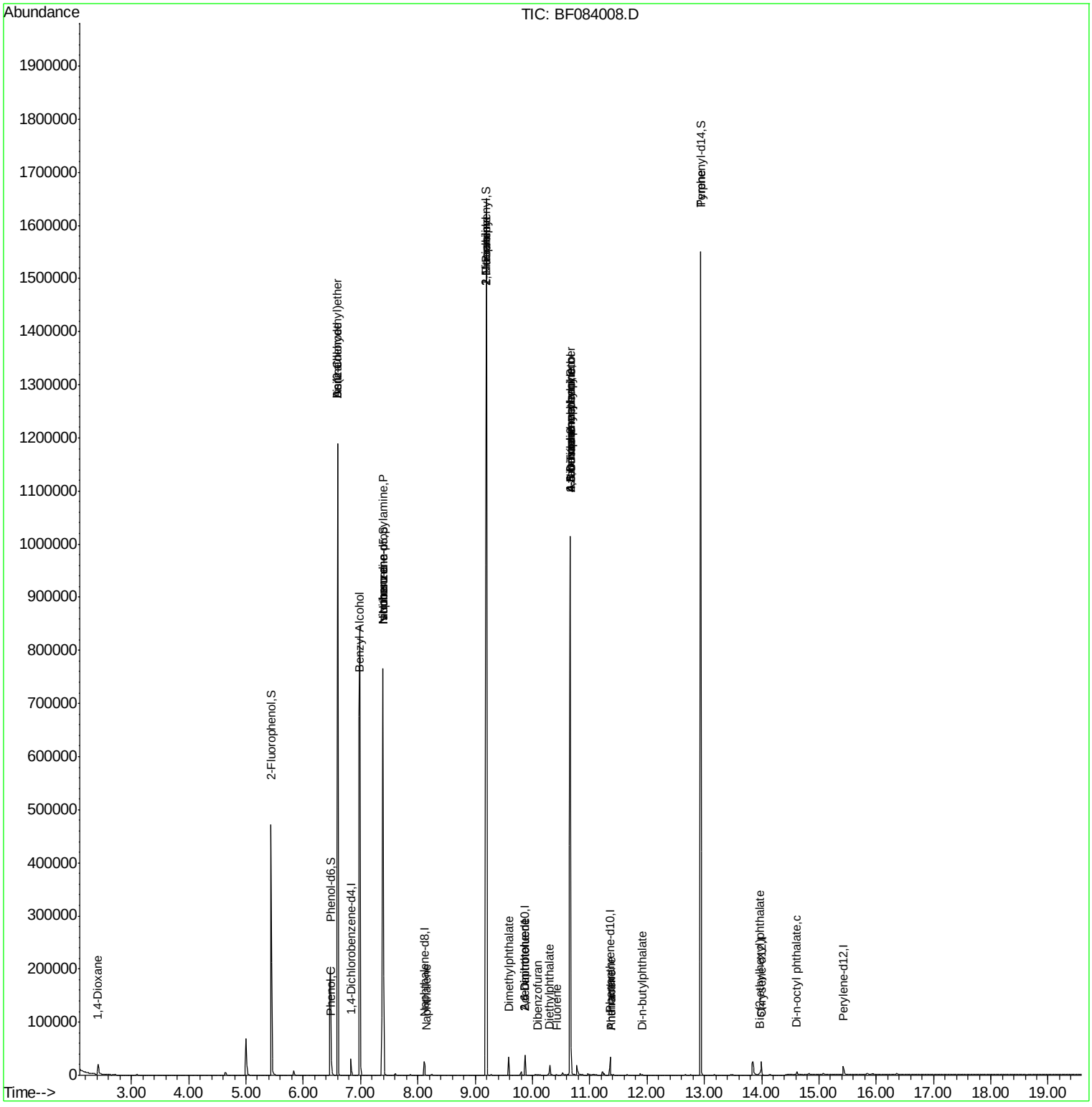
(#) = qualifier out of range (m) = manual integration (+) = signals summed

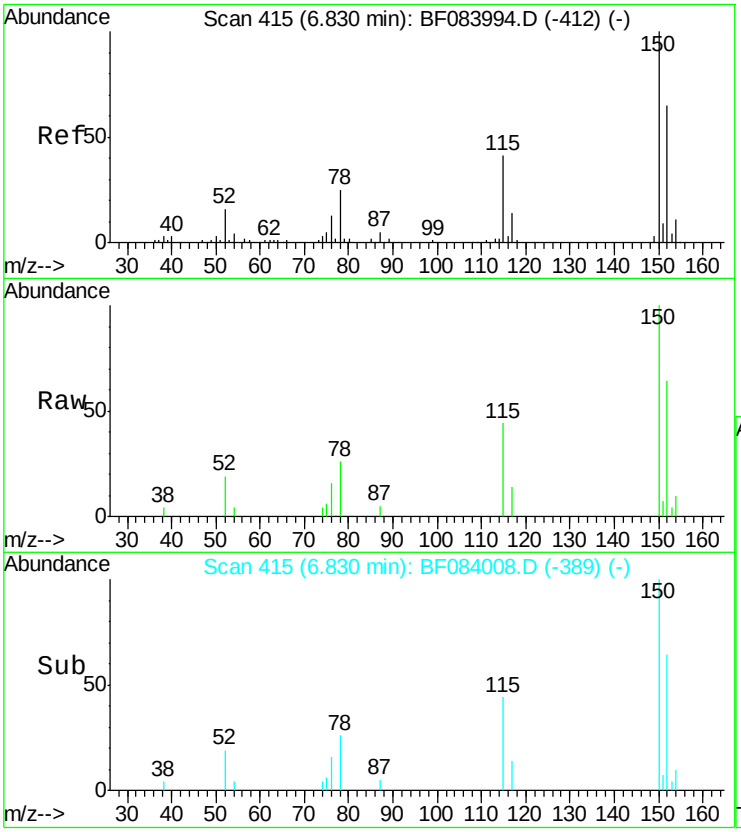
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084008.D
Acq On : 23 Dec 2015 00:33
Operator : UM/SJ
Sample : G4894-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Dec 23 01:13:27 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



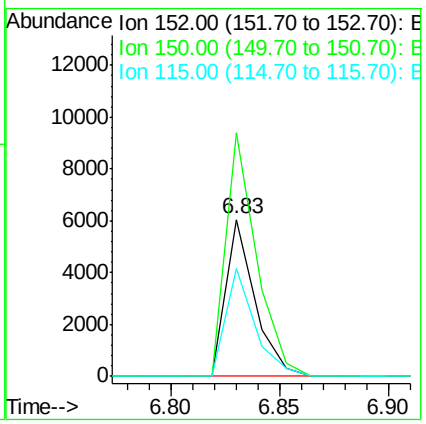


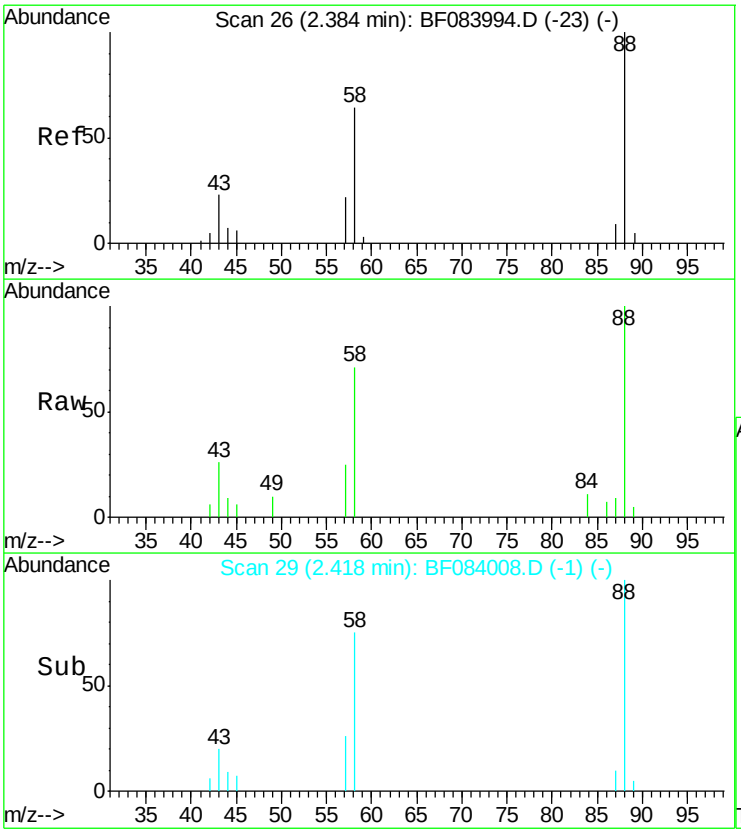
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 5619

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.0	184.4
115	68.6	51.4	77.2

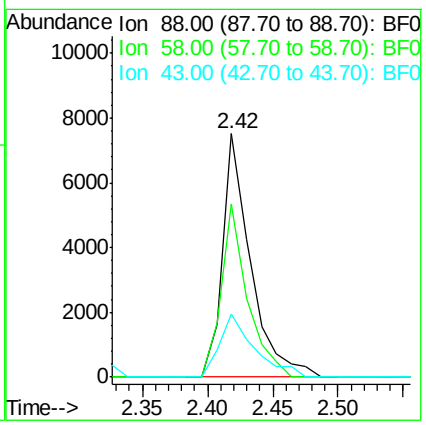


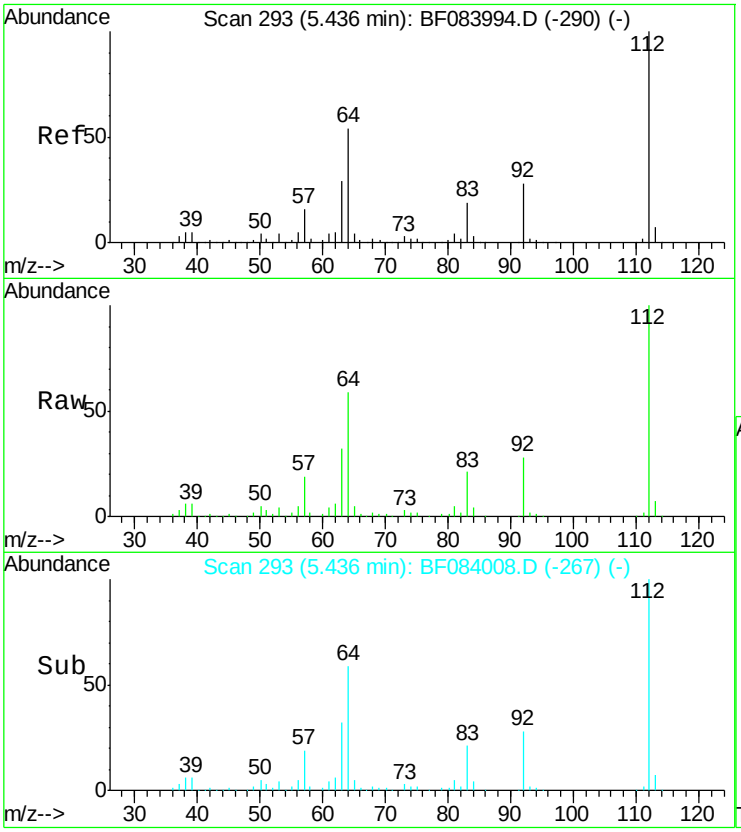


#2
1,4-Dioxane
Concen: 71.79 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.03 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 88 Resp: 11263

Ion	Ratio	Lower	Upper
88	100		
58	66.6	51.2	76.8
43	32.2	19.5	29.3#



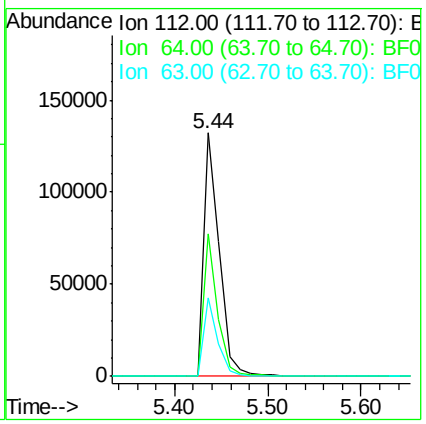


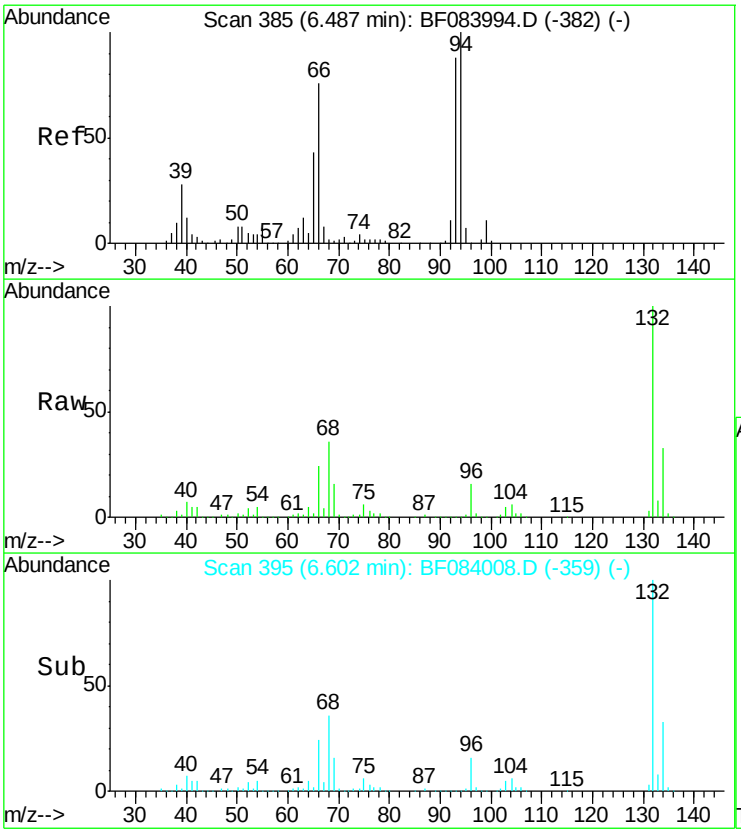
#5
2-Fluorophenol
Concen: 469.07 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:112 Resp: 154584

Ion	Ratio	Lower	Upper
112	100		
64	58.6	36.6	55.0#
63	32.2	19.4	29.0#

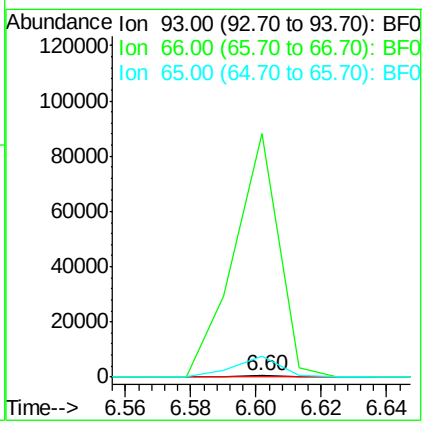


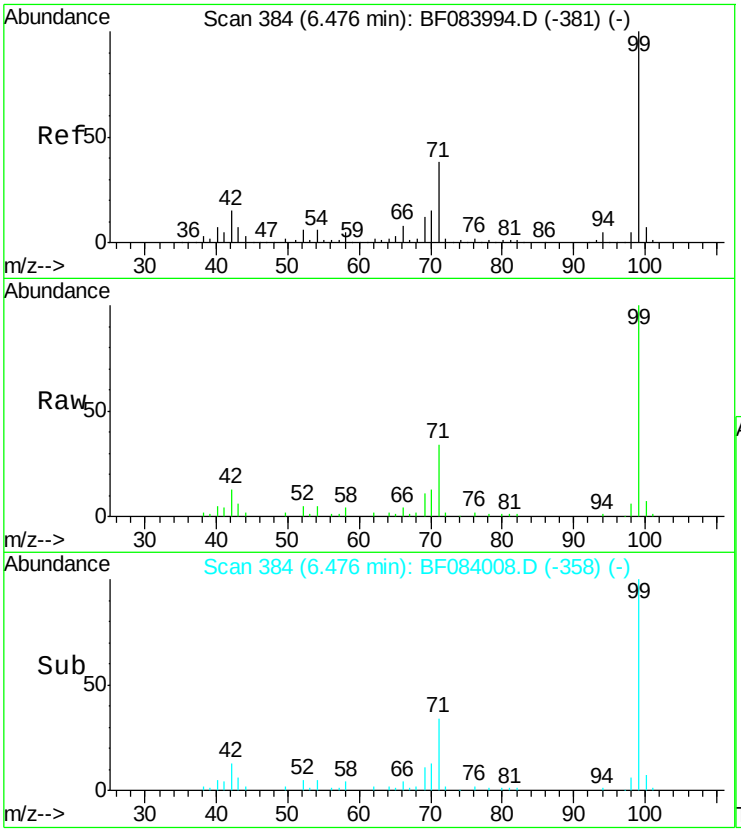


#6
Aniline
Concen: 0.68 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.11 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 93 Resp: 366

Ion	Ratio	Lower	Upper
93	100		
66	16543.3	44.9	67.3#
65	1397.4	23.7	35.5#



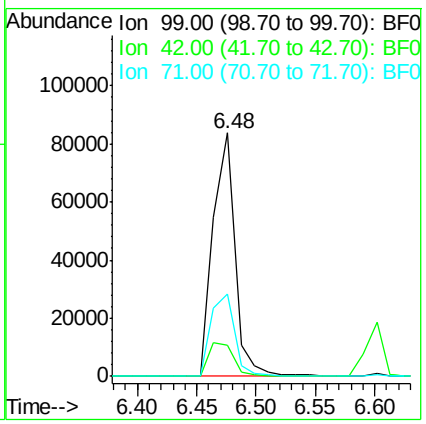


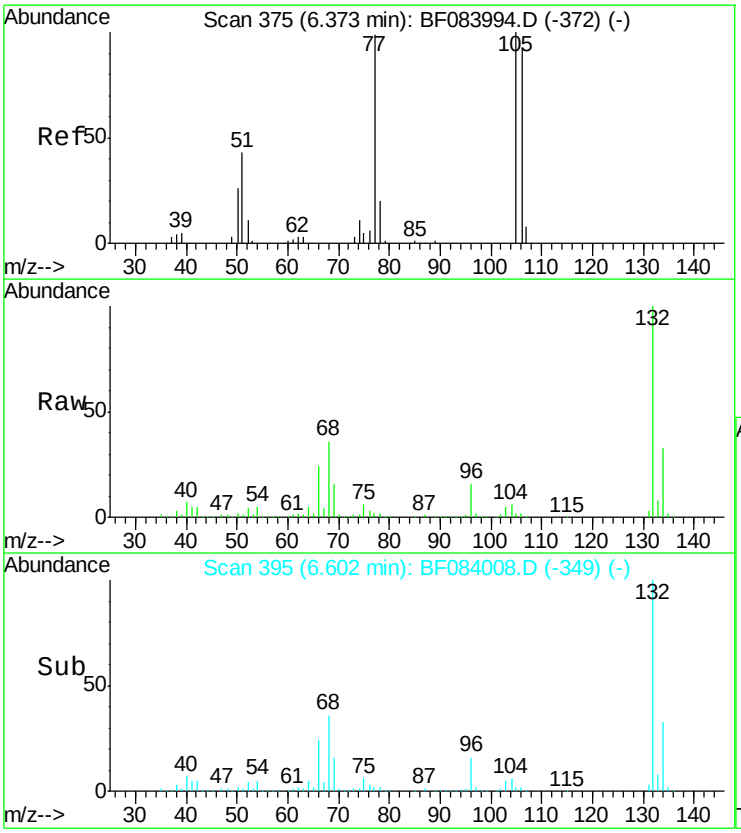
#7
Phenol-d6
Concen: 276.54 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 107152

Ion	Ratio	Lower	Upper
99	100		
42	12.9	12.8	19.2
71	33.7	30.9	46.3

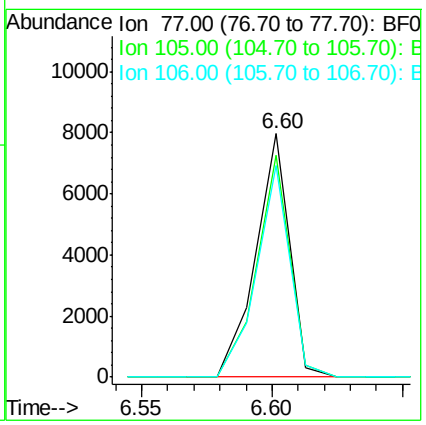


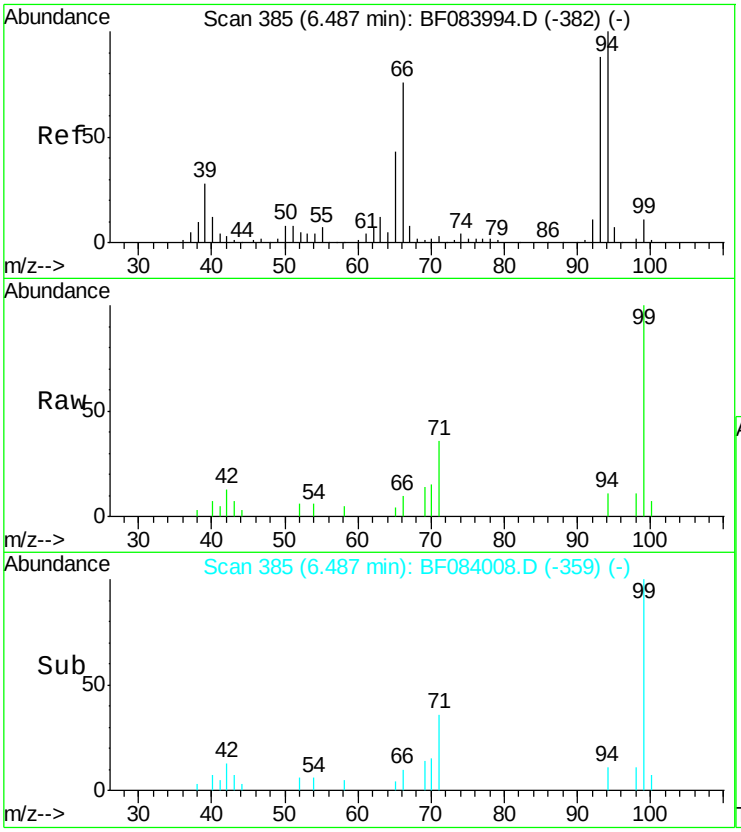


#9
Benzaldehyde
Concen: 28.05 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.23 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 77 Resp: 7259

Ion	Ratio	Lower	Upper
77	100		
105	91.3	83.0	123.0
106	86.9	74.6	114.6



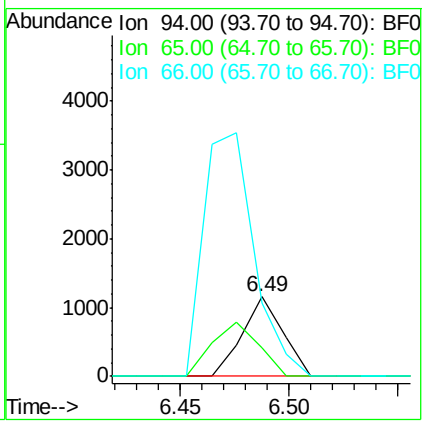


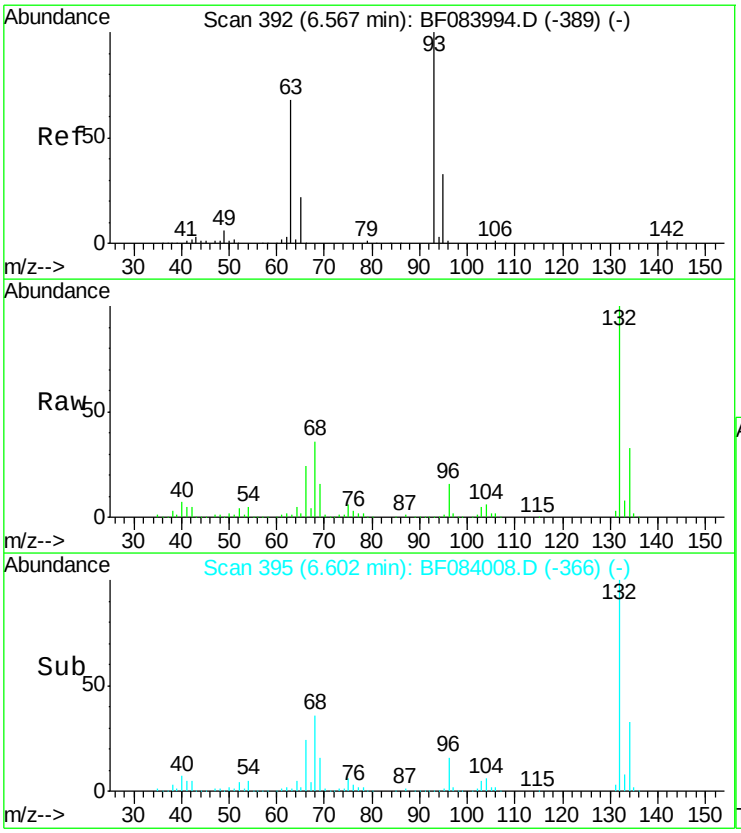
#10
Phenol
Concen: 3.33 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 94 Resp: 1494

Ion	Ratio	Lower	Upper
94	100		
65	36.2	12.9	52.9
66	91.9	32.7	72.7#

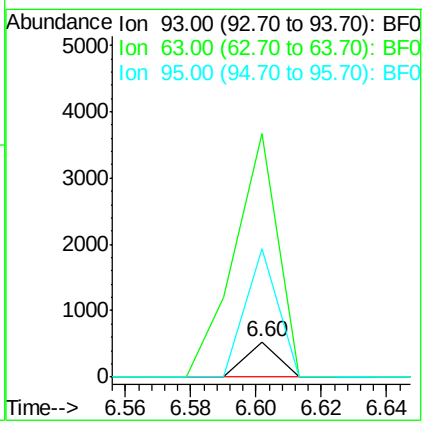


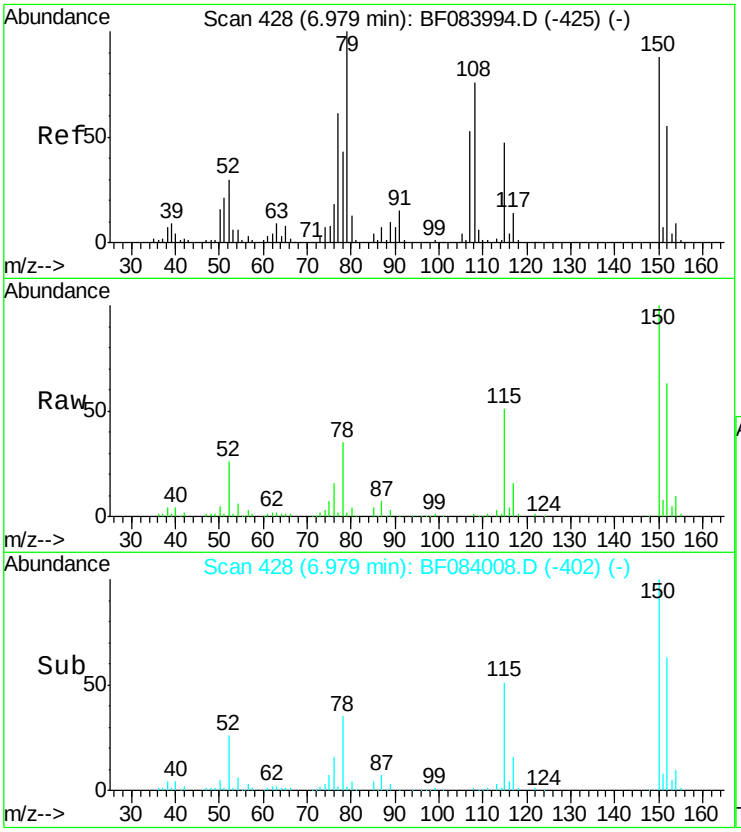


#11
bis(2-Chloroethyl)ether
Concen: 1.07 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.03 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 93 Resp: 366

Ion	Ratio	Lower	Upper
93	100		
63	688.4	45.9	85.9#
95	363.6	12.3	52.3#



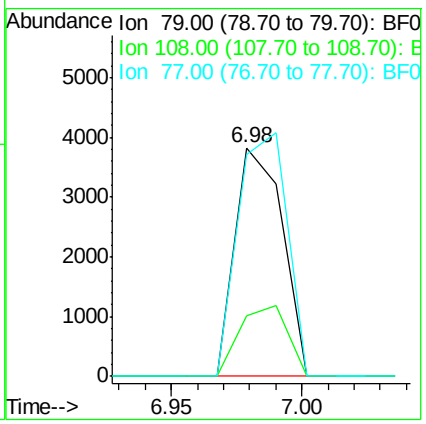


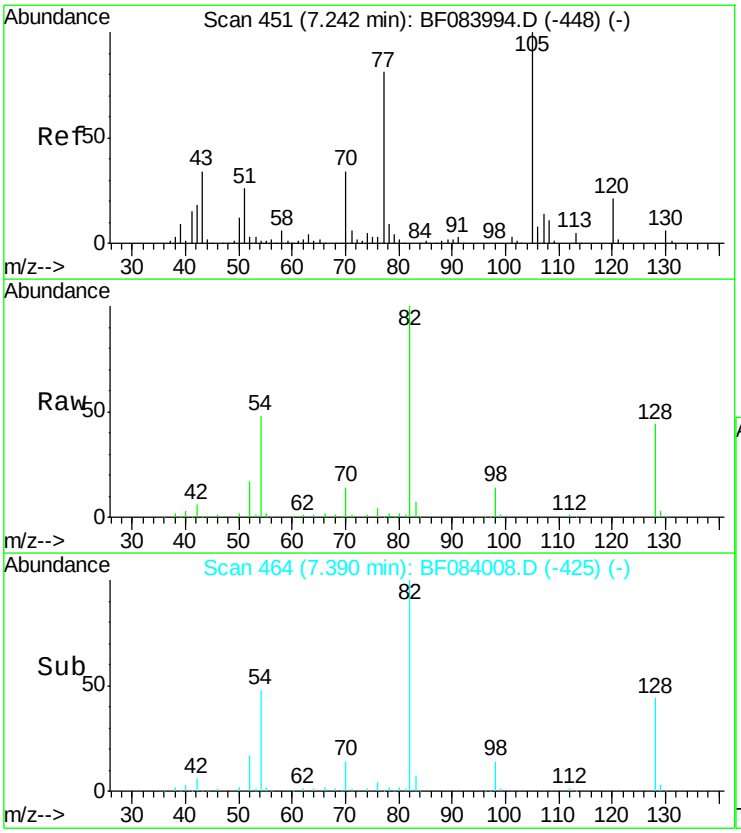
#15
Benzyl Alcohol
Concen: 15.86 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 79 Resp: 4838

Ion	Ratio	Lower	Upper
79	100		
108	26.6	69.0	103.4#
77	96.7	50.0	75.0#

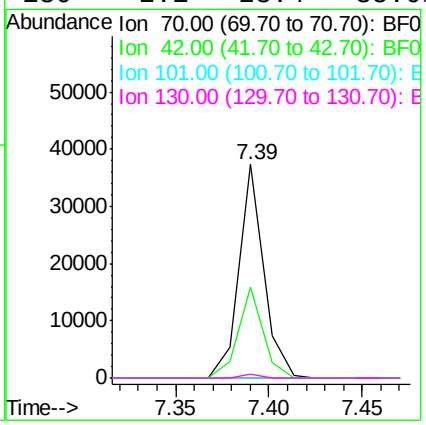


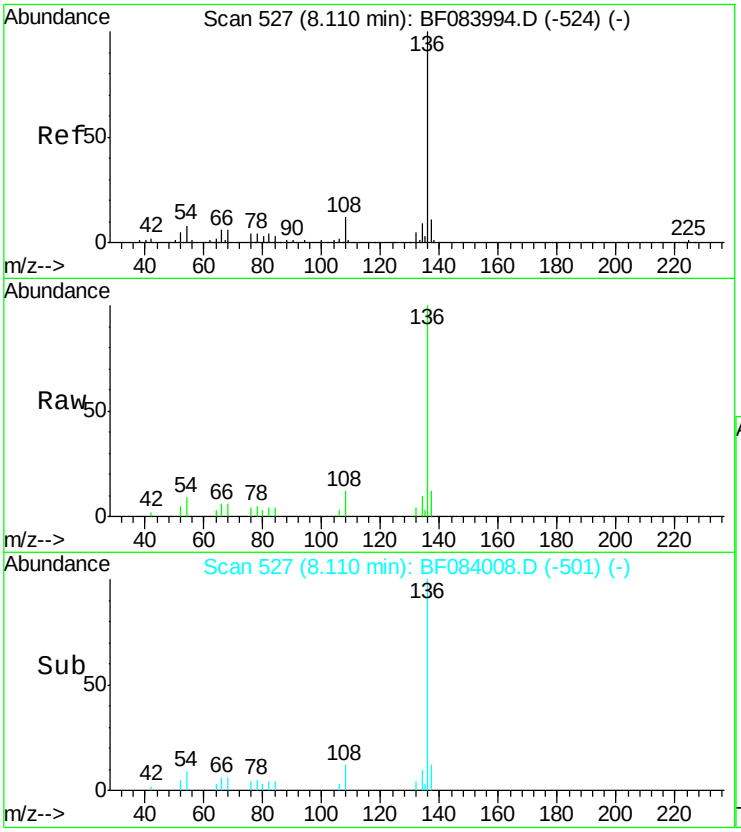


#19
n-Nitroso-di-n-propylamine
Concen: 147.72 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 70 Resp: 34685

Ion	Ratio	Lower	Upper
70	100		
42	42.7	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



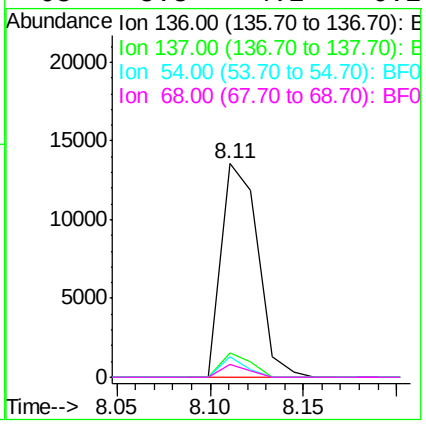


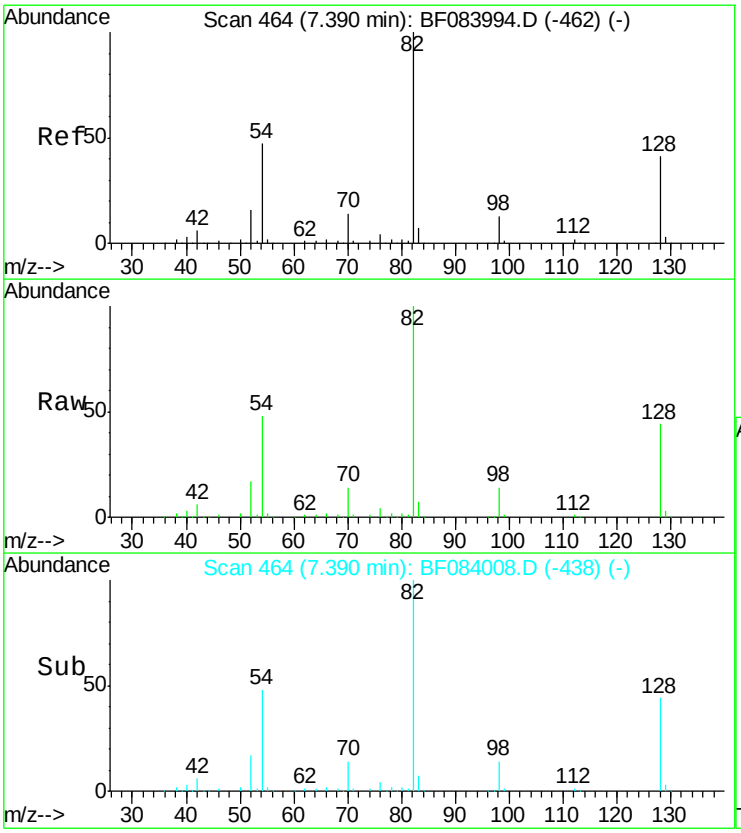
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 18532

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	9.4	5.8	8.8#
68	5.8	4.2	6.2

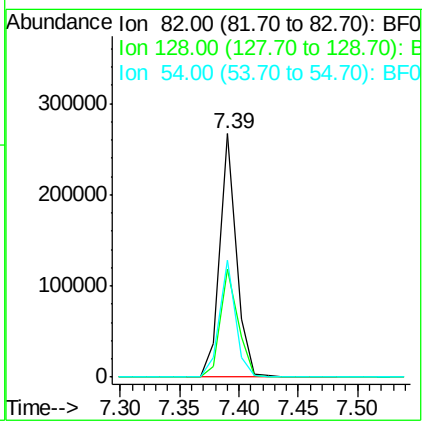


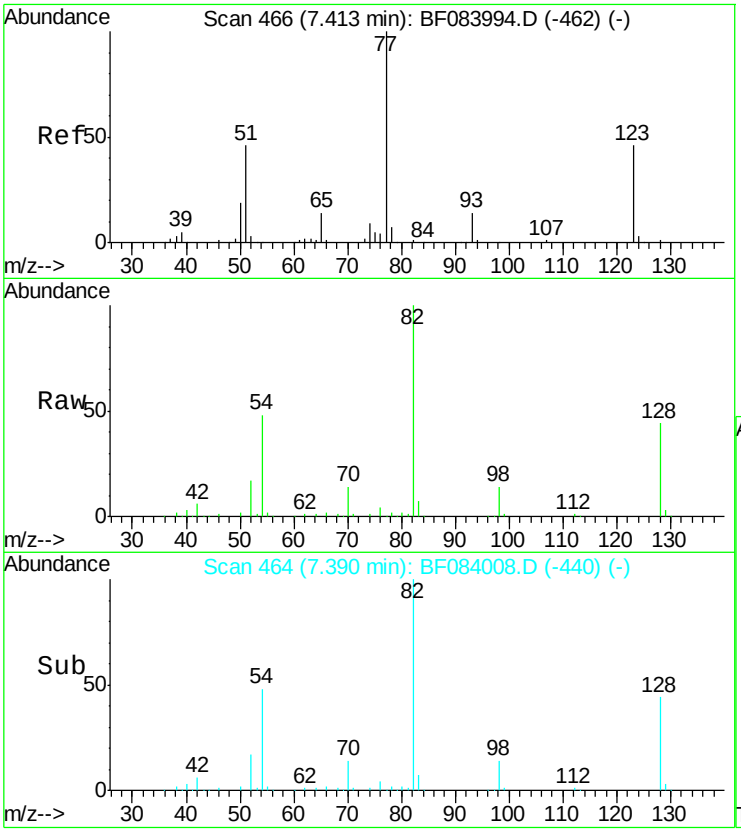


#23
Nitrobenzene-d5
Concen: 850.35 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 82 Resp: 256522

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	48.0	38.4	57.6



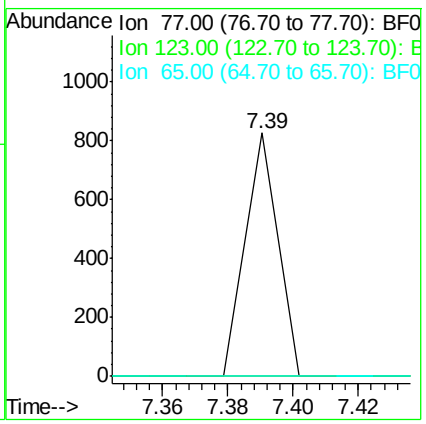


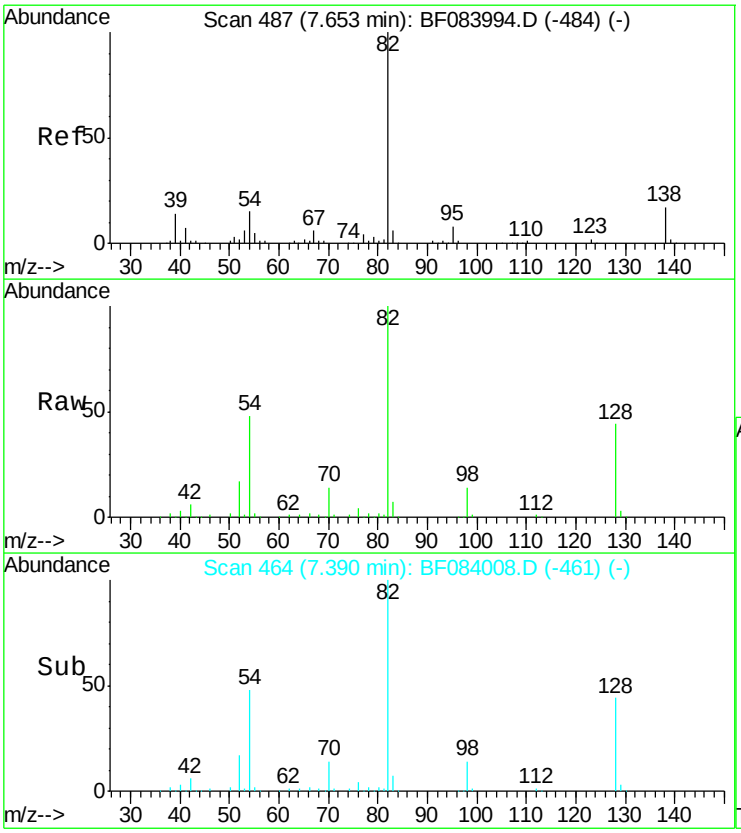
#24
Nitrobenzene
Concen: 1.82 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 77 Resp: 567

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	0.0	10.9	16.3#

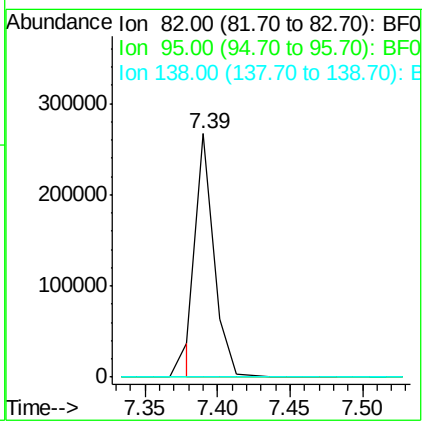


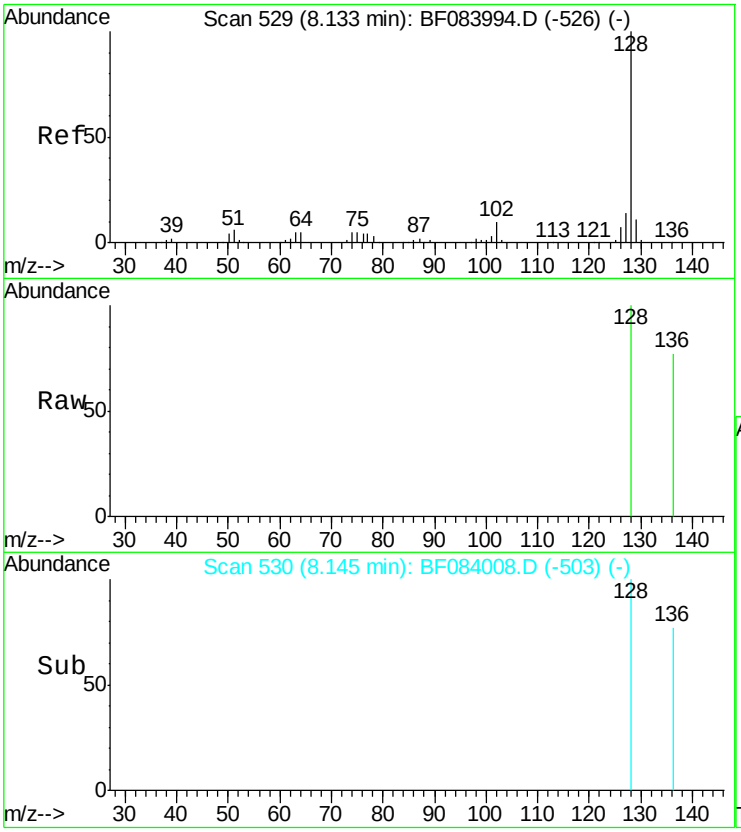


#25
Isophorone
Concen: 404.00 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 82 Resp: 230932

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



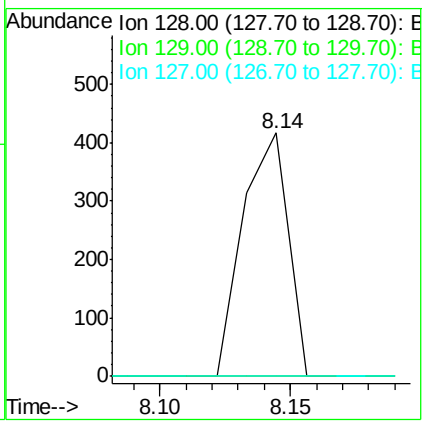


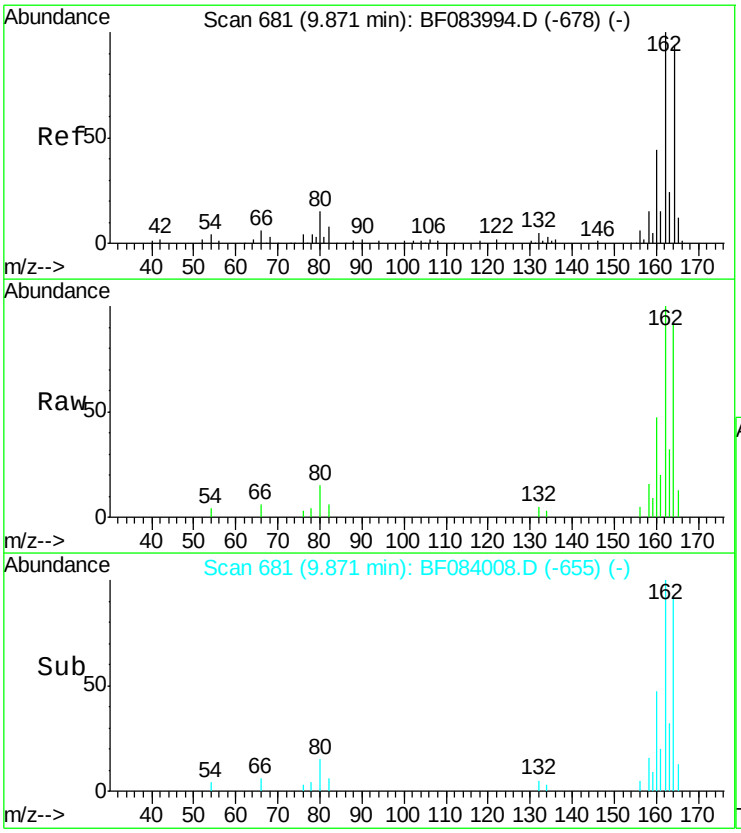
#31
Naphthalene
Concen: 0.53 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 501

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.1	13.7#
127	0.0	11.1	16.7#

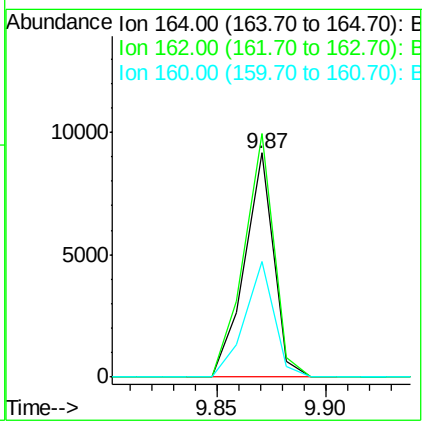


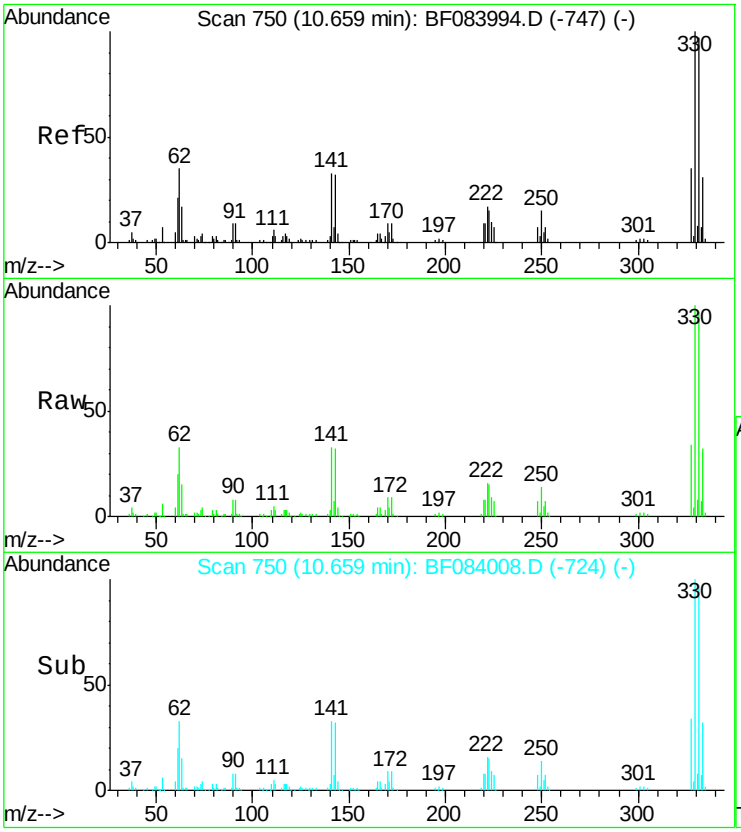


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:164 Resp: 8510

Ion	Ratio	Lower	Upper
164	100		
162	108.7	85.1	127.7
160	51.4	37.5	56.3



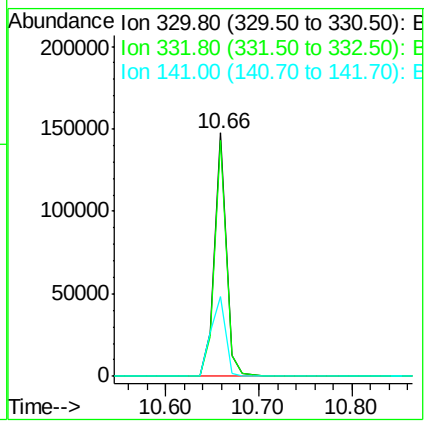


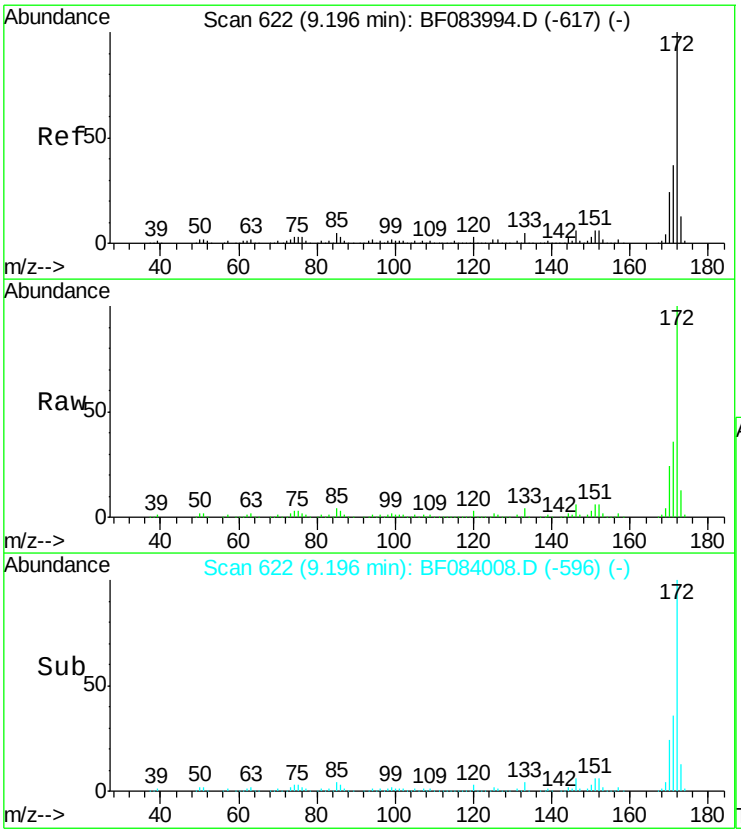
#41
2,4,6-Tribromophenol
Concen: 1602.82 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 131198

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	40.9	27.8	41.6

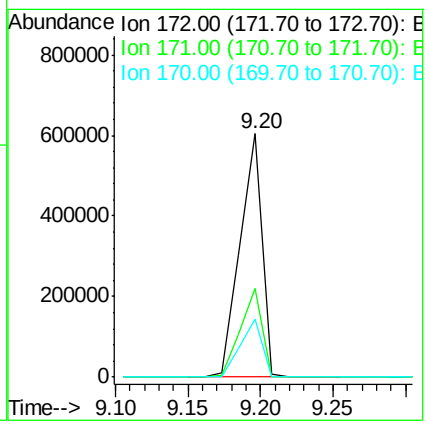


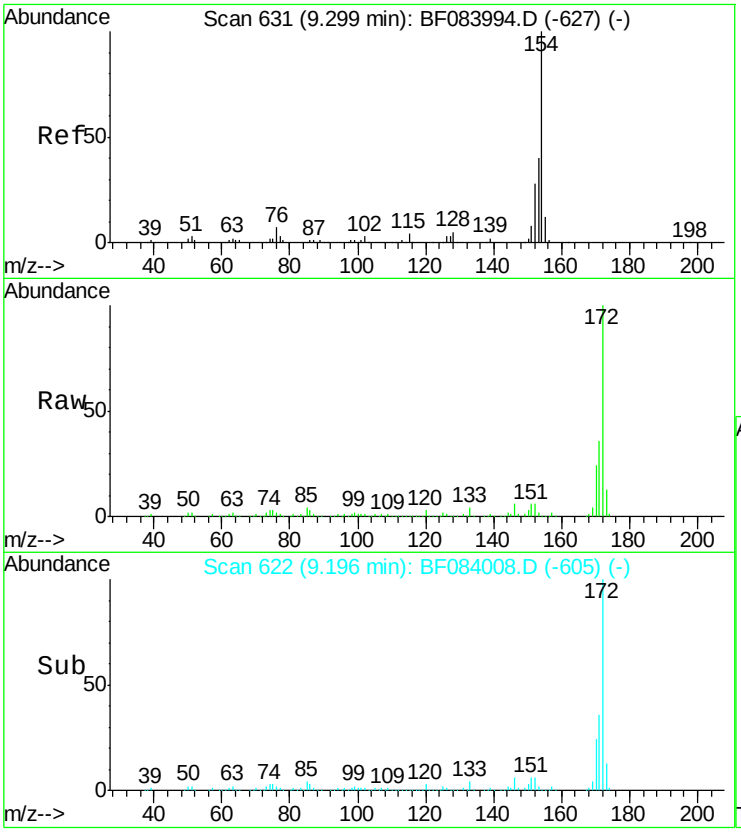


#44
2-Fluorobiphenyl
Concen: 1004.56 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:172 Resp: 635209

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	18.6	27.8



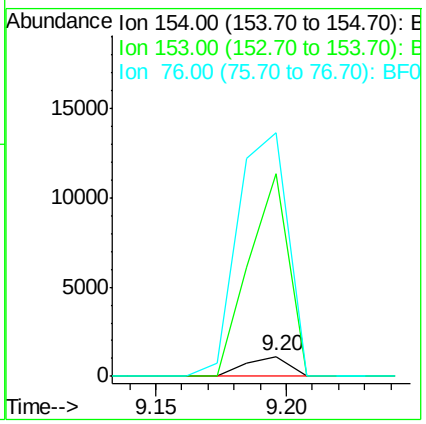


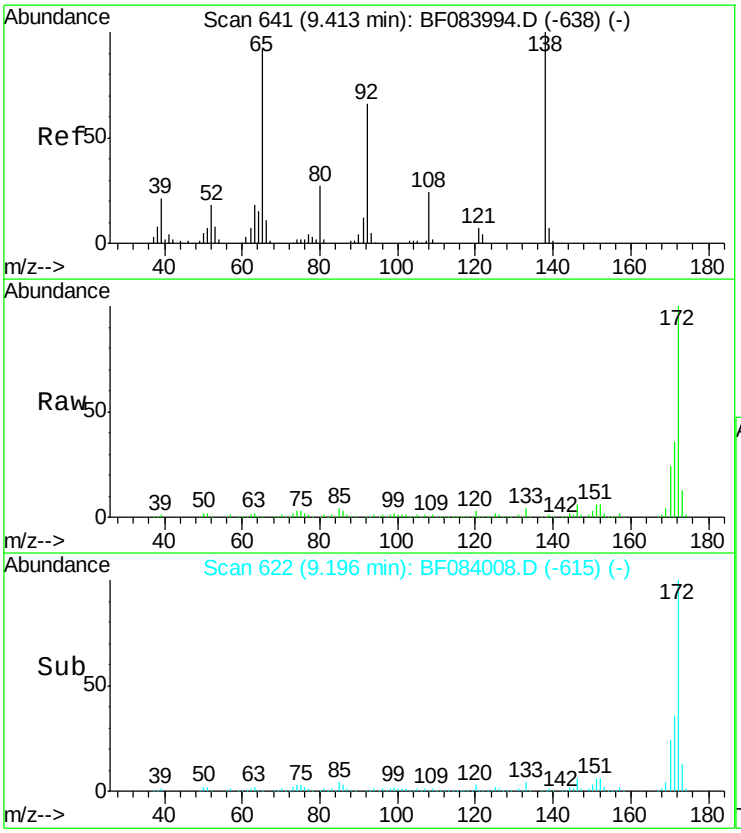
#45
1,1'-Biphenyl
Concen: 1.70 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.10 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:154 Resp: 1281

Ion	Ratio	Lower	Upper
154	100		
153	1006.9	21.6	61.6#
76	1212.9	0.0	32.7#

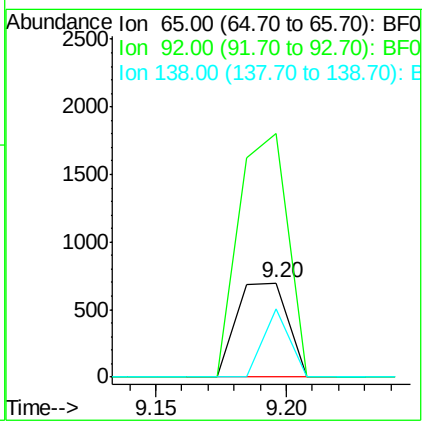


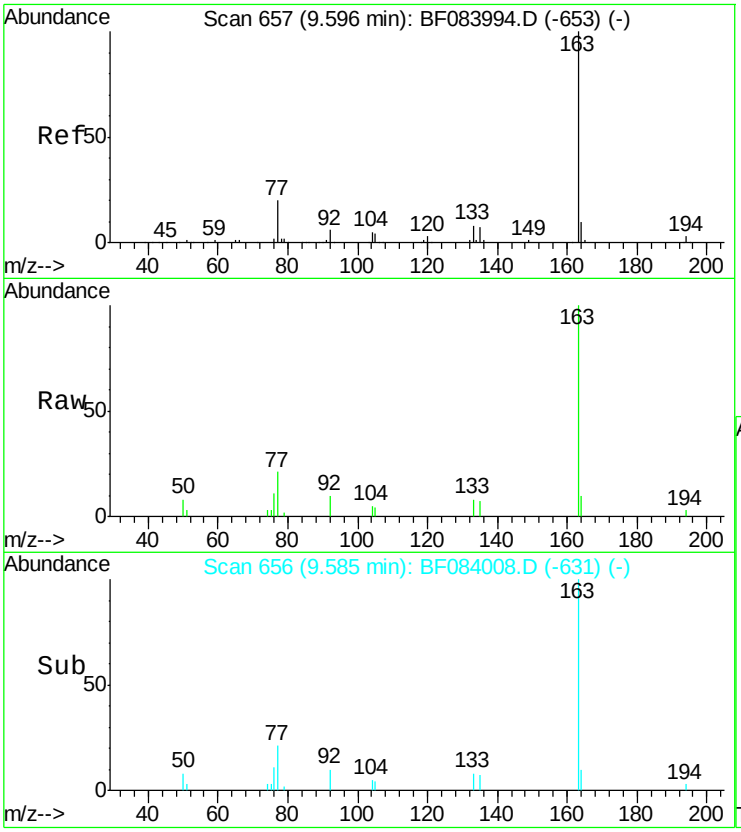


#47
2-Nitroaniline
Concen: 6.40 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.22 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion: 65 Resp: 945

Ion	Ratio	Lower	Upper
65	100		
92	259.3	53.4	80.2#
138	73.2	71.1	106.7



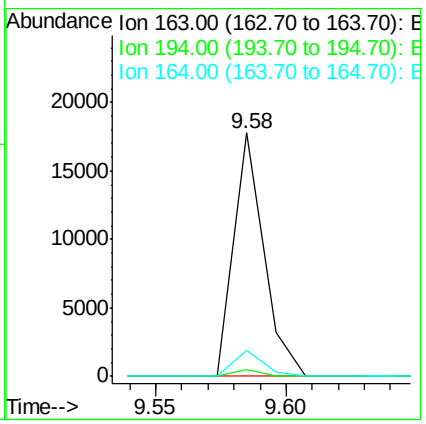


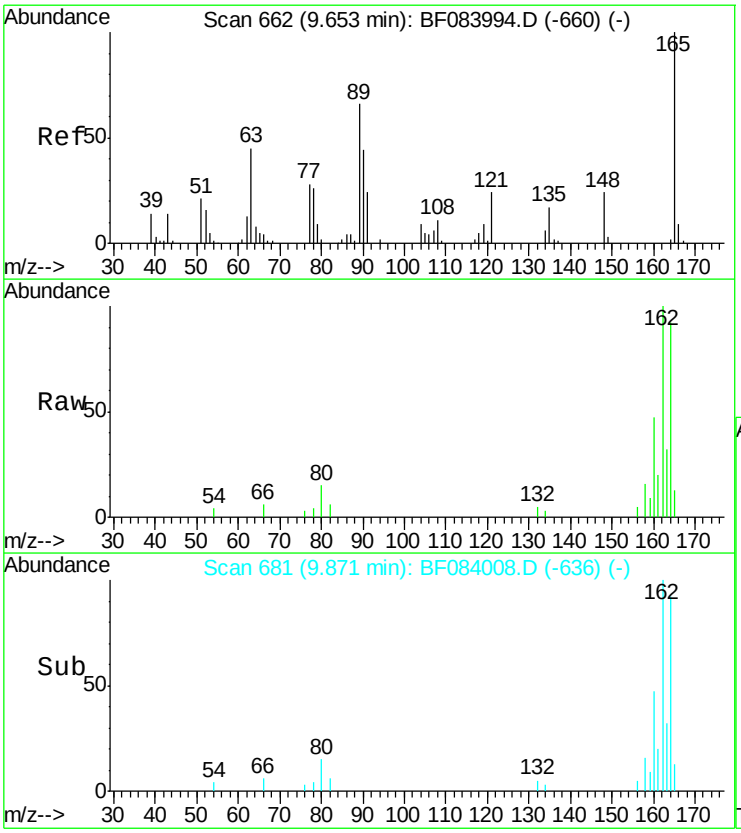
#49
Dimethylphthalate
Concen: 21.65 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:163 Resp: 14418

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.5	8.0	12.0

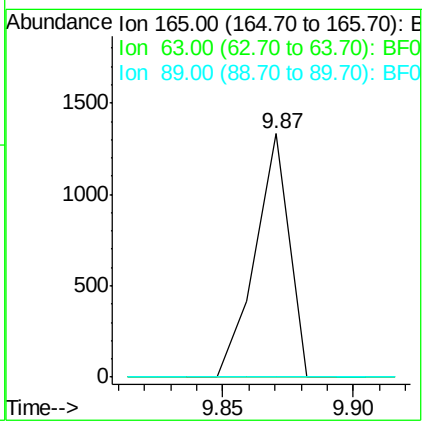


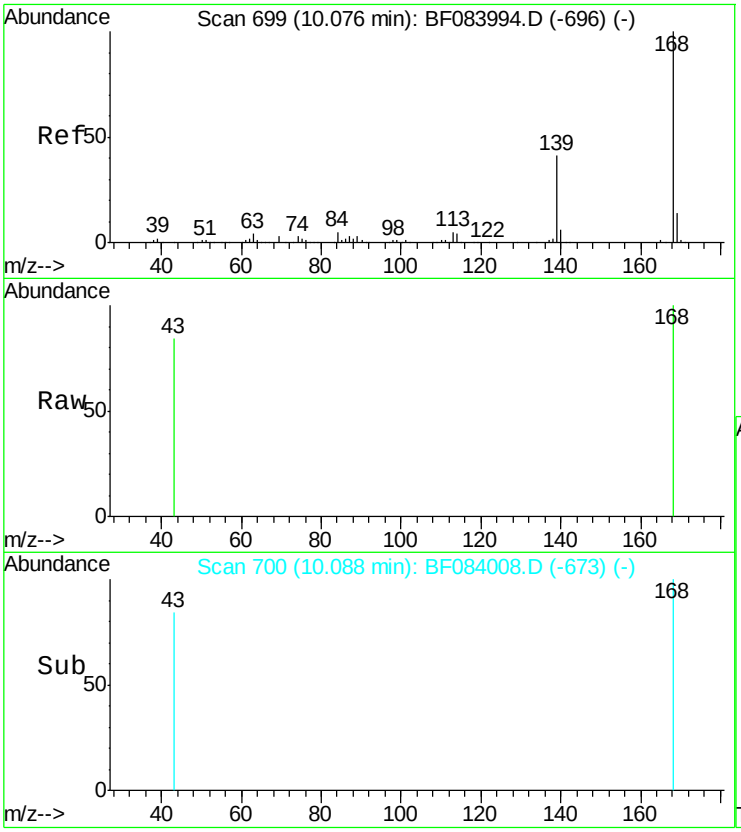


#50
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:165 Resp: 1200

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



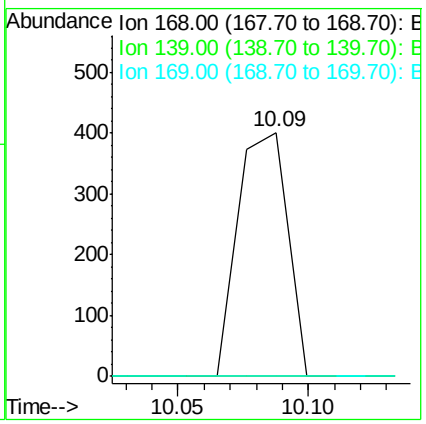


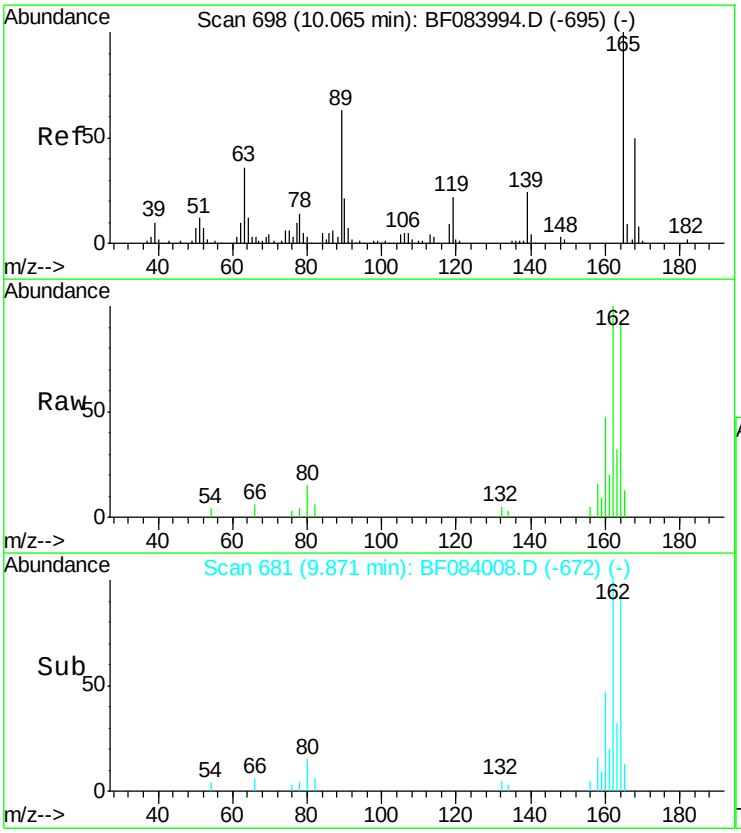
#54
Dibenzofuran
Concen: 0.70 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:168 Resp: 531

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#

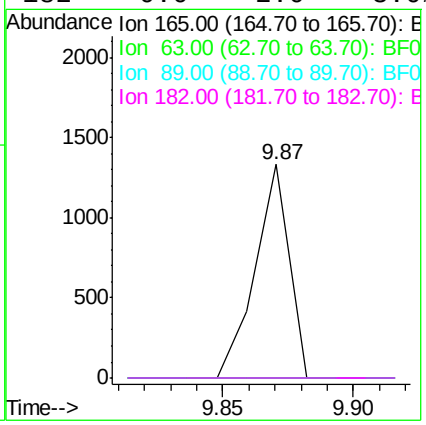


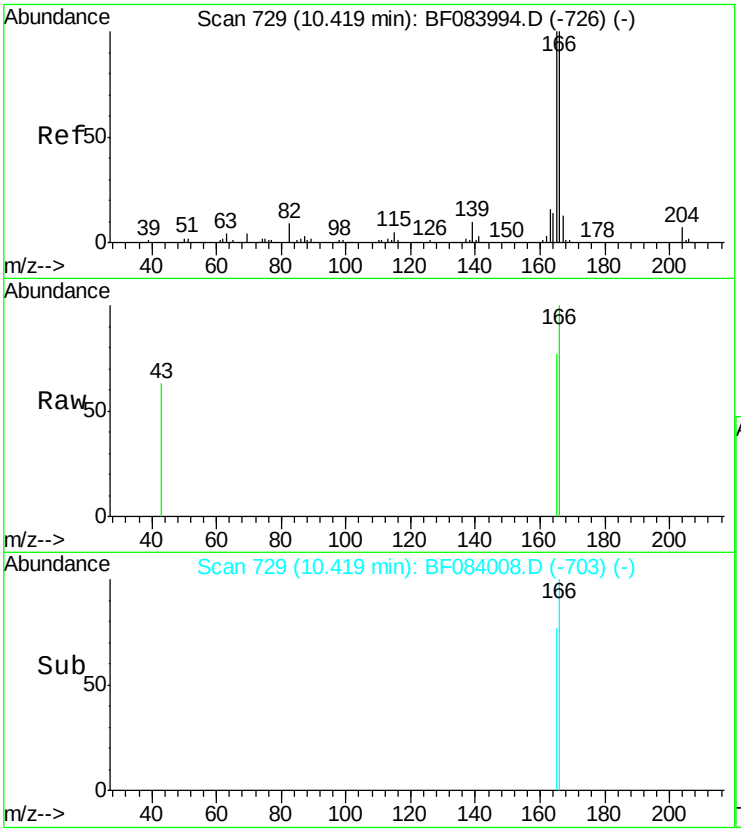


#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:165 Resp: 1200

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



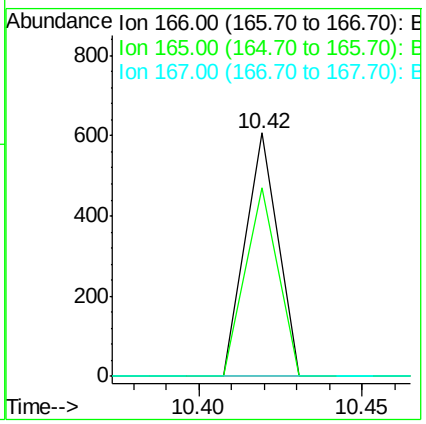


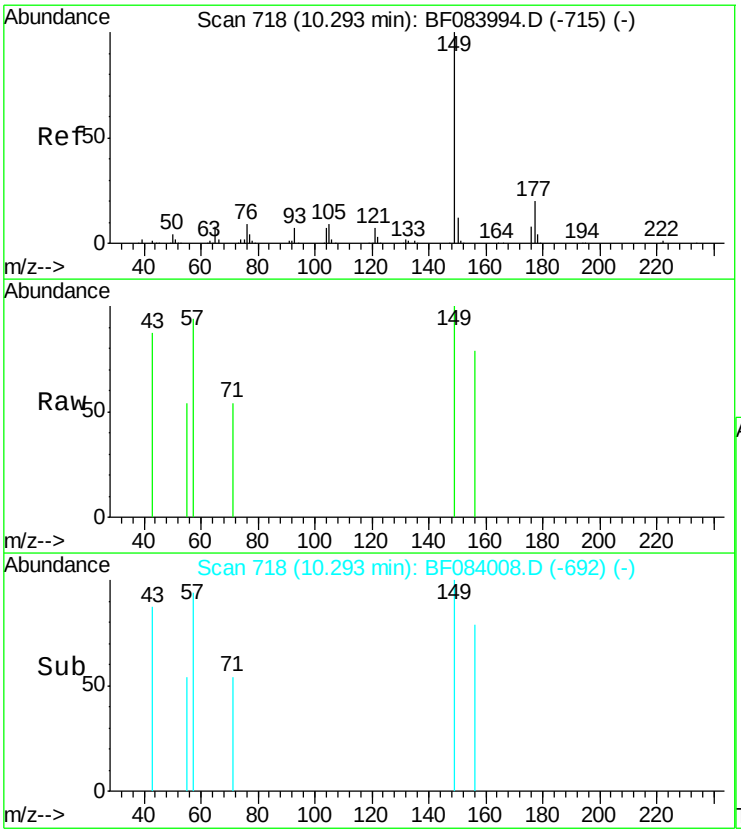
#57
Fluorene
Concen: 0.69 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:166 Resp: 416

Ion	Ratio	Lower	Upper
166	100		
165	77.4	79.1	118.7#
167	0.0	10.4	15.6#

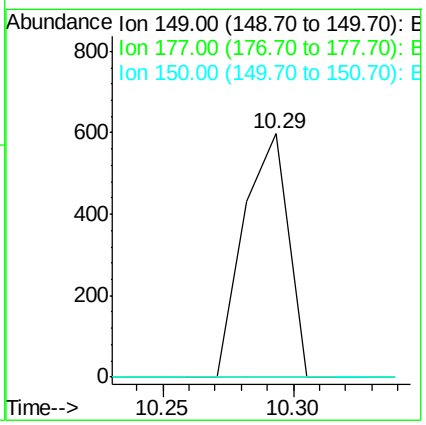


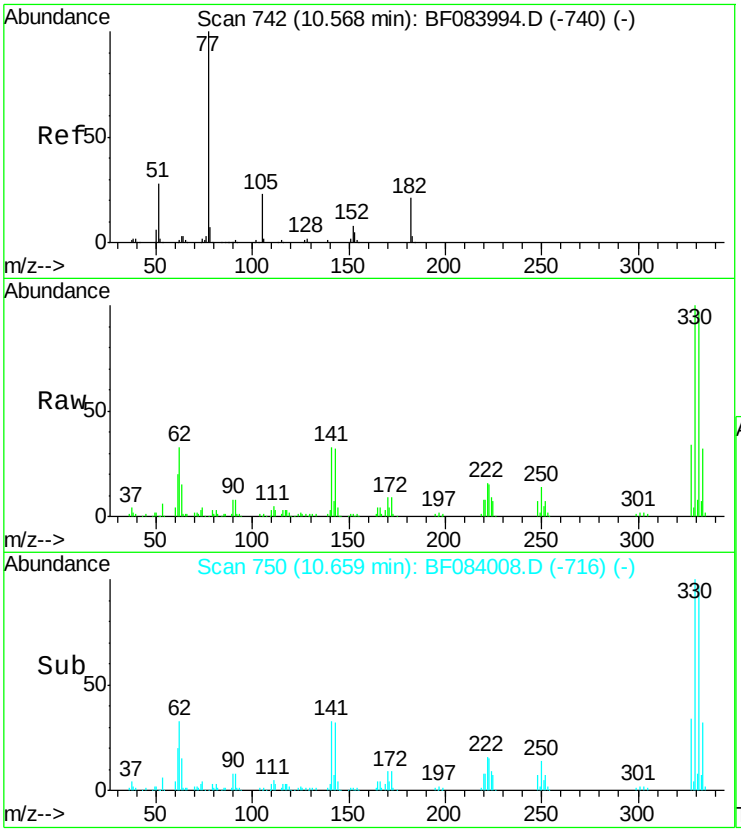


#59
Diethylphthalate
Concen: 1.08 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:149 Resp: 706

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.3	25.9#
150	0.0	9.8	14.8#



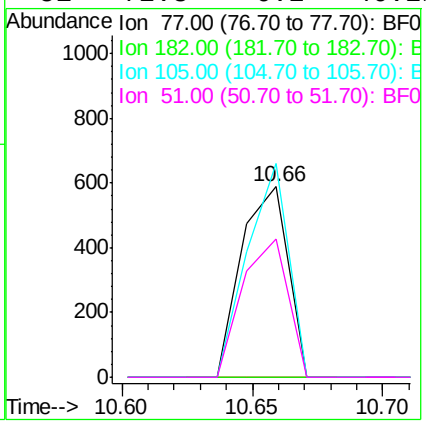


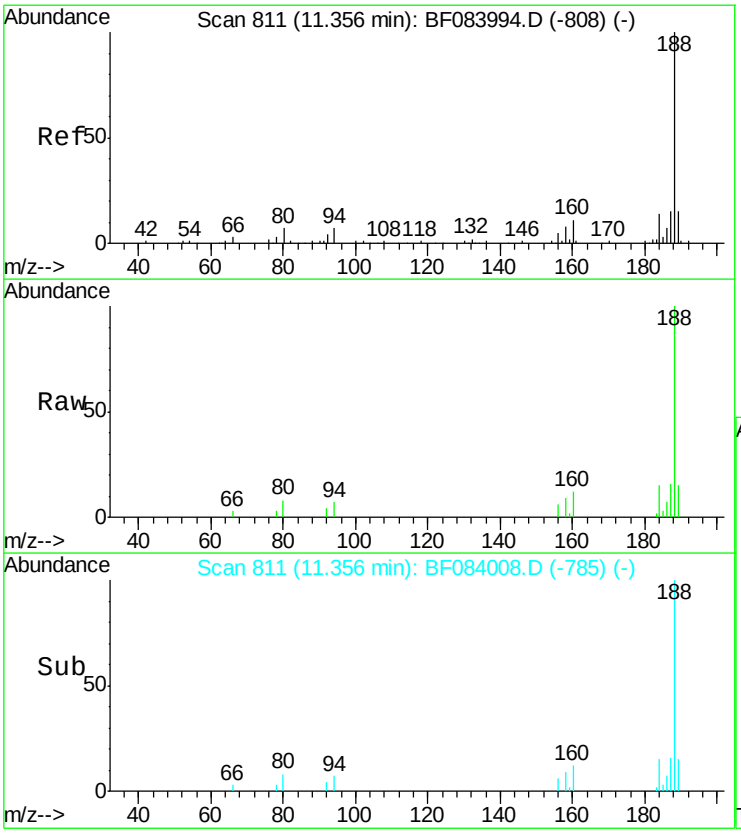
#62
Azobenzene
Concen: 1.26 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.09 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 77 Resp: 727

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.3	48.3#
105	112.2	4.6	44.6#
51	72.8	6.2	46.2#

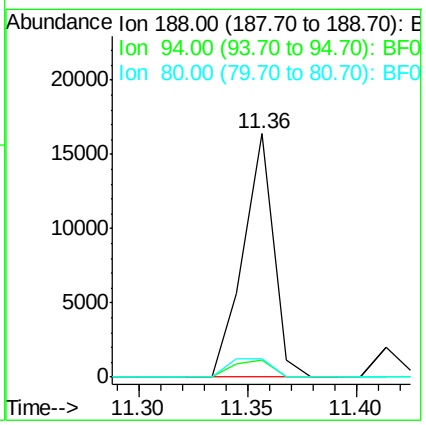


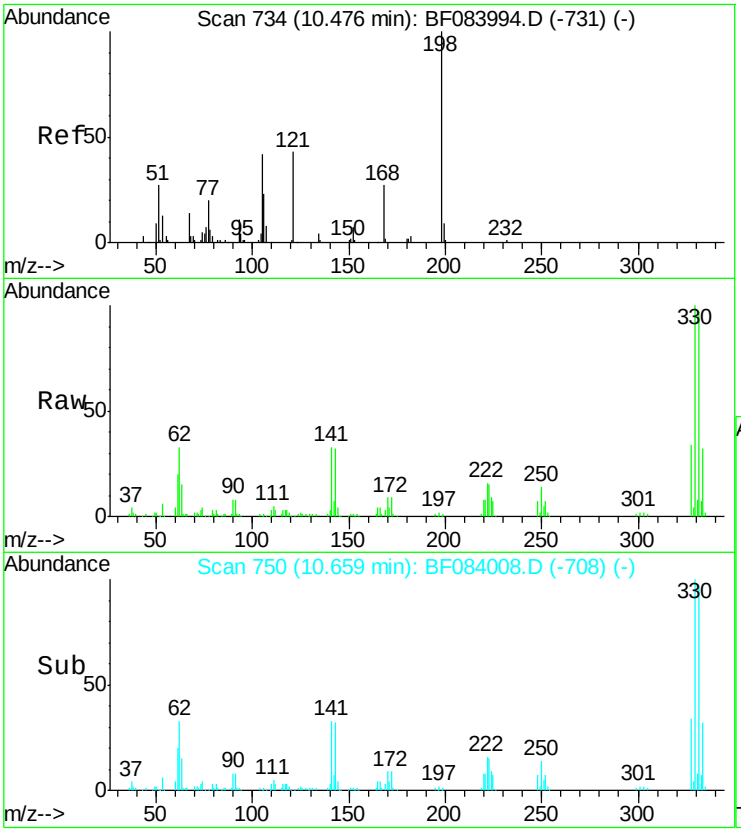


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:188 Resp: 15892

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	7.7	9.6	14.4#



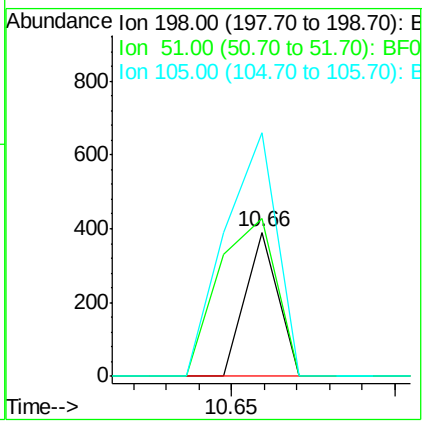


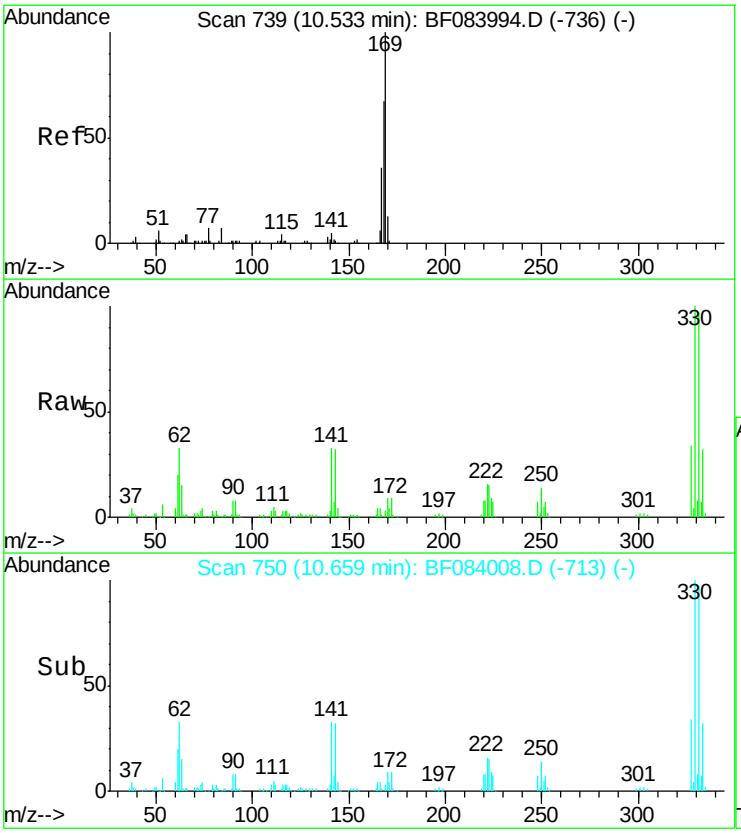
#64
4,6-Dinitro-2-methylphenol
Concen: 2.88 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.18 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:198 Resp: 268

Ion	Ratio	Lower	Upper
198	100		
51	109.5	18.9	58.9#
105	168.8	26.4	66.4#

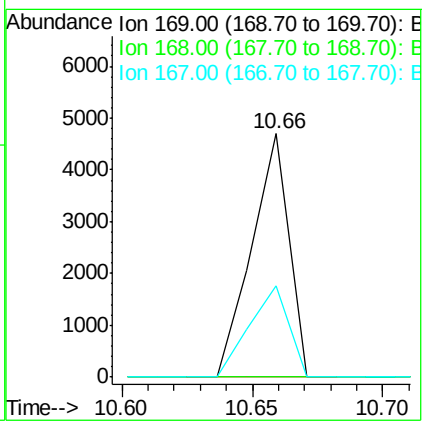


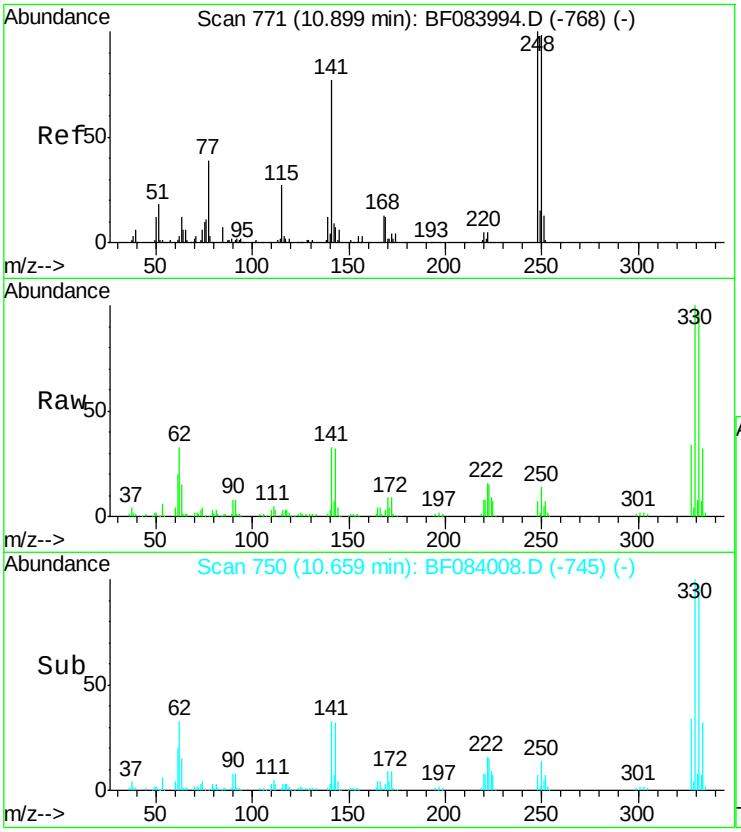


#65
n-Nitrosodiphenylamine
Concen: 7.90 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:169 Resp: 4639

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.1	82.7#
167	37.3	30.0	45.0



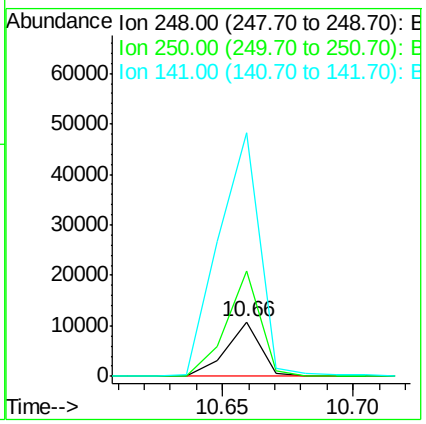


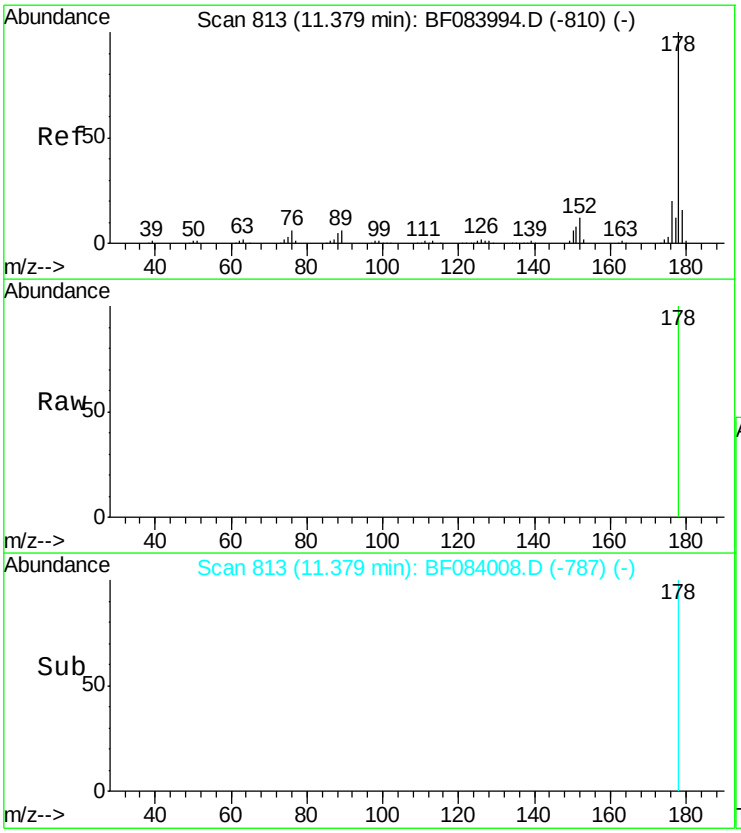
#66
4-Bromophenyl-phenylether
Concen: 54.27 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:248 Resp: 9889

Ion	Ratio	Lower	Upper
248	100		
250	194.0	78.4	117.6#
141	449.1	44.0	66.0#

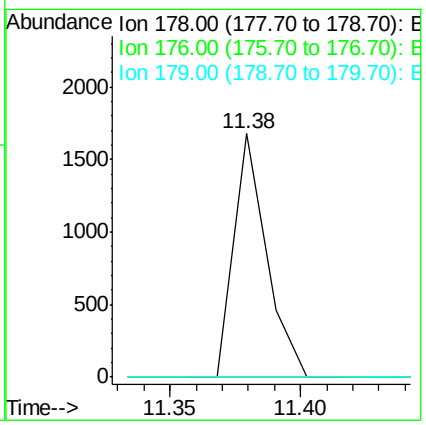


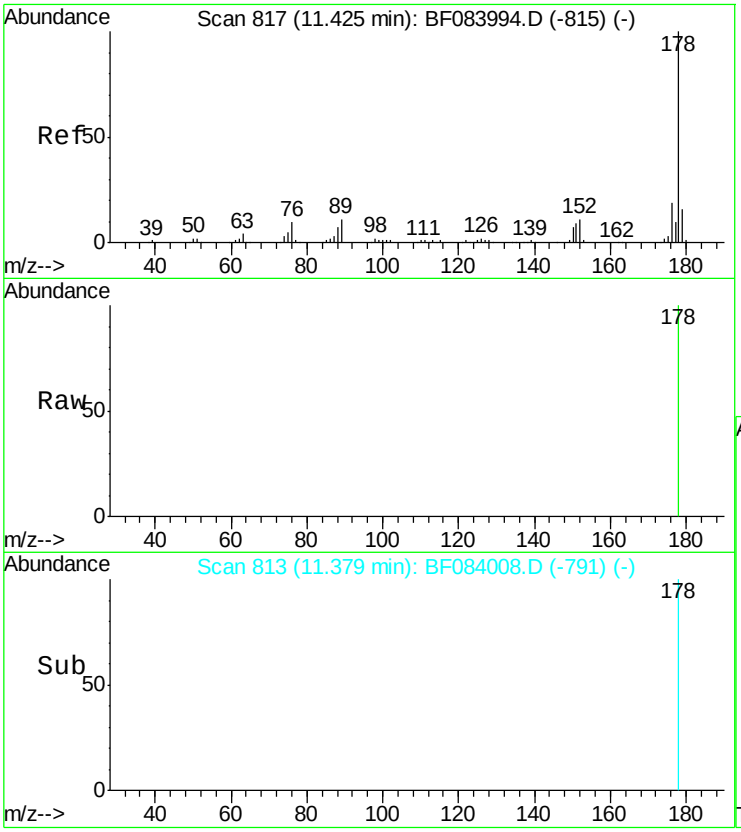


#70
Phenanthrene
Concen: 1.64 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:178 Resp: 1469

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	0.0	12.0	18.0#



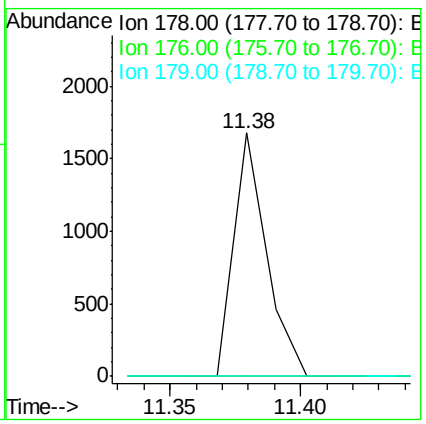


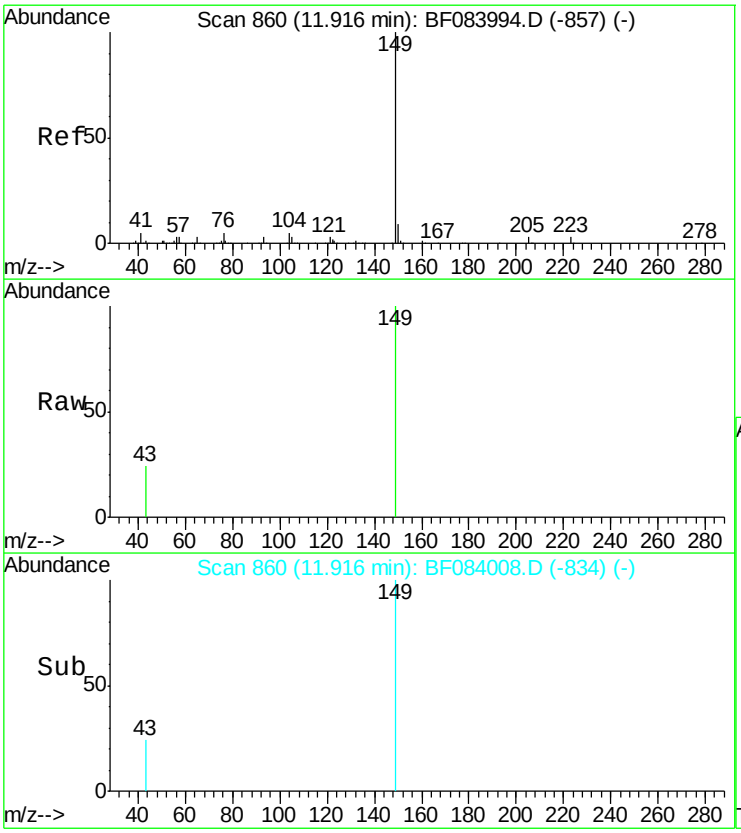
#71
Anthracene
Concen: 1.61 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:178 Resp: 1469

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.5	18.7#

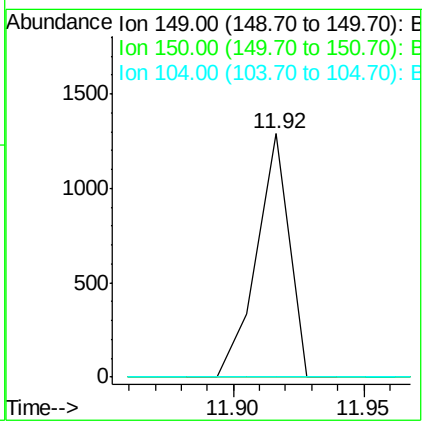


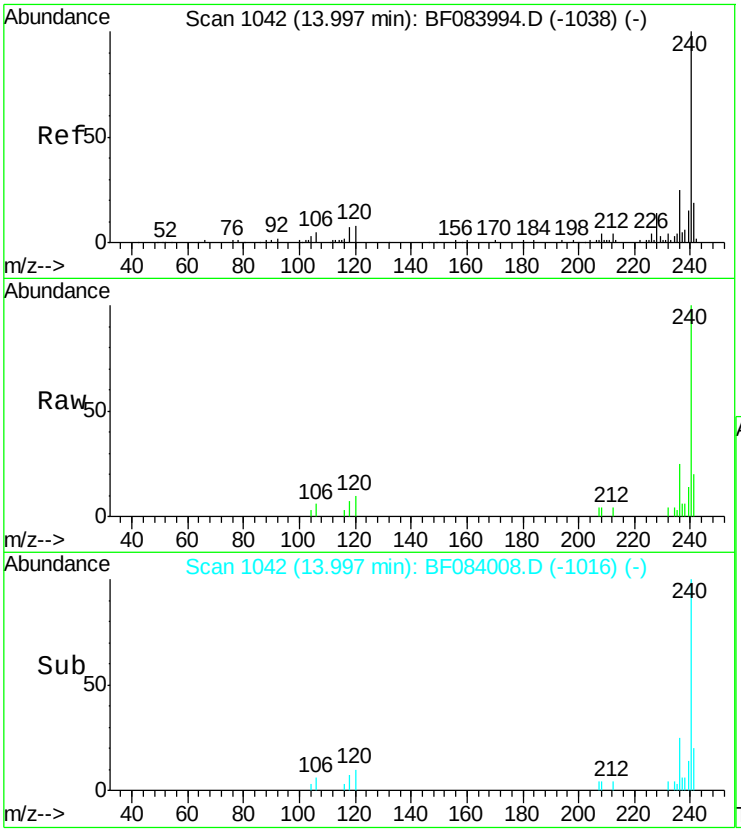


#73
Di-n-butylphthalate
Concen: 1.05 ng
RT: 11.92 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:149 Resp: 1113

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	3.2	4.8#



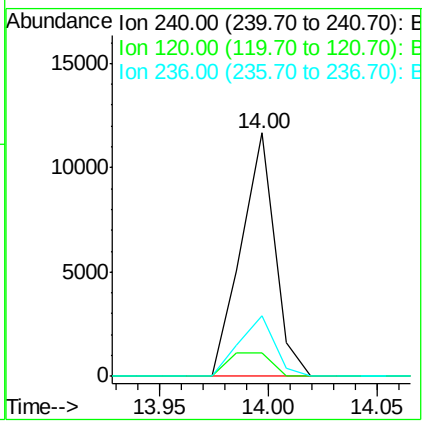


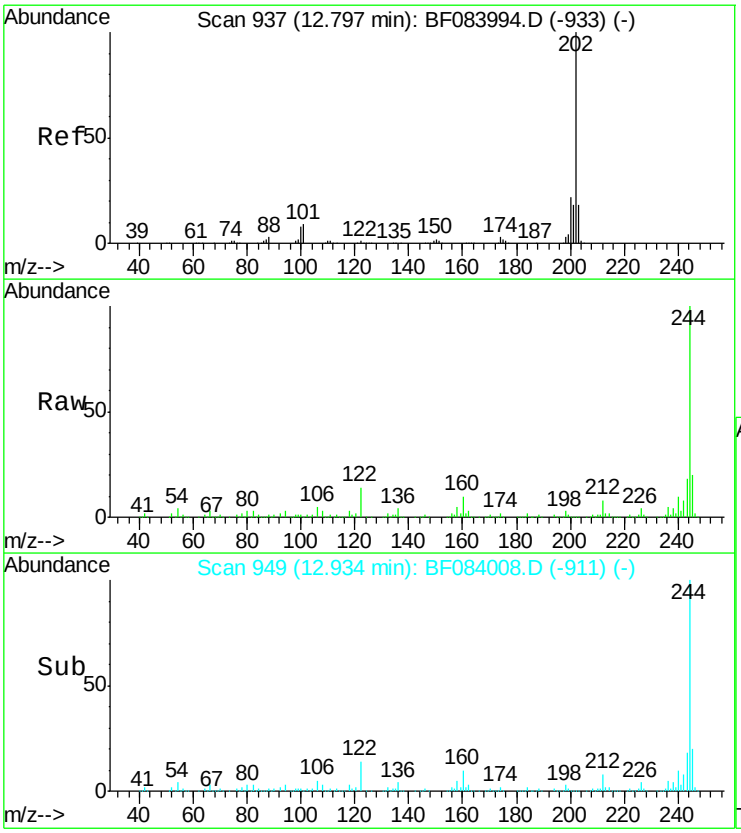
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:240 Resp: 12548

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3
236	25.0	20.6	31.0

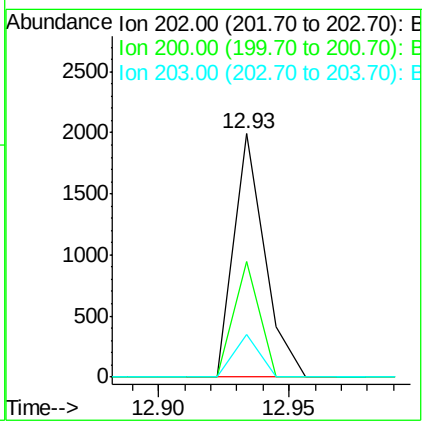


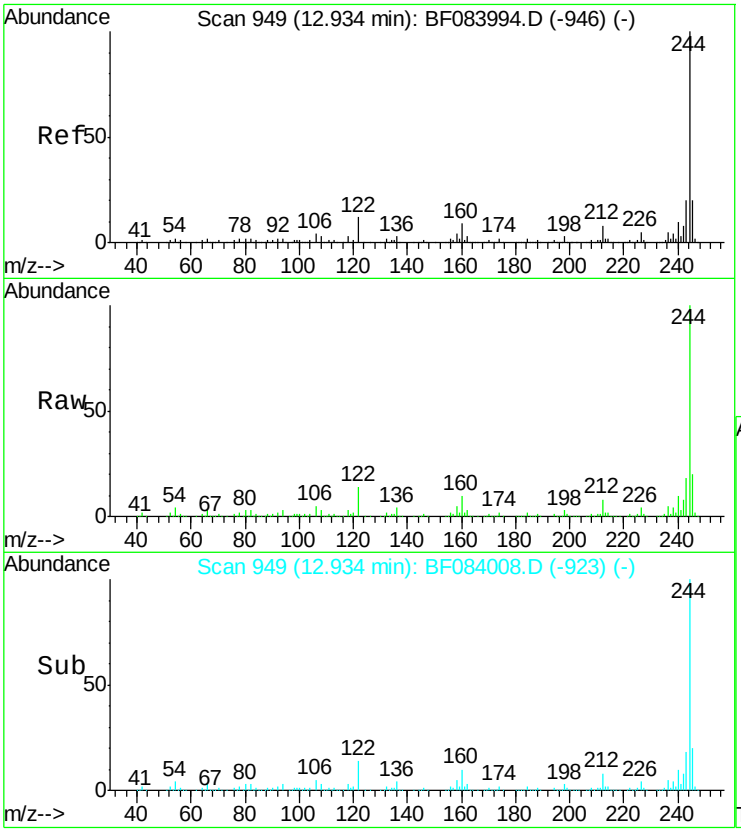


#77
Pyrene
Concen: 1.94 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.14 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:202 Resp: 1649

Ion	Ratio	Lower	Upper
202	100		
200	47.4	17.2	25.8#
203	17.3	14.3	21.5



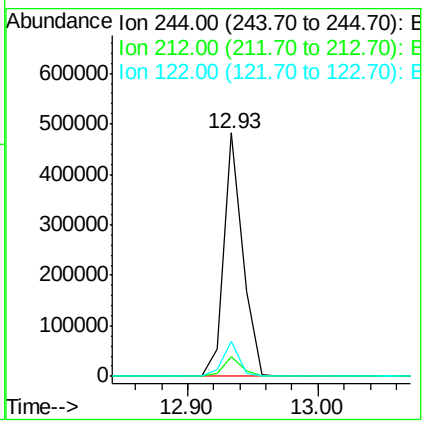


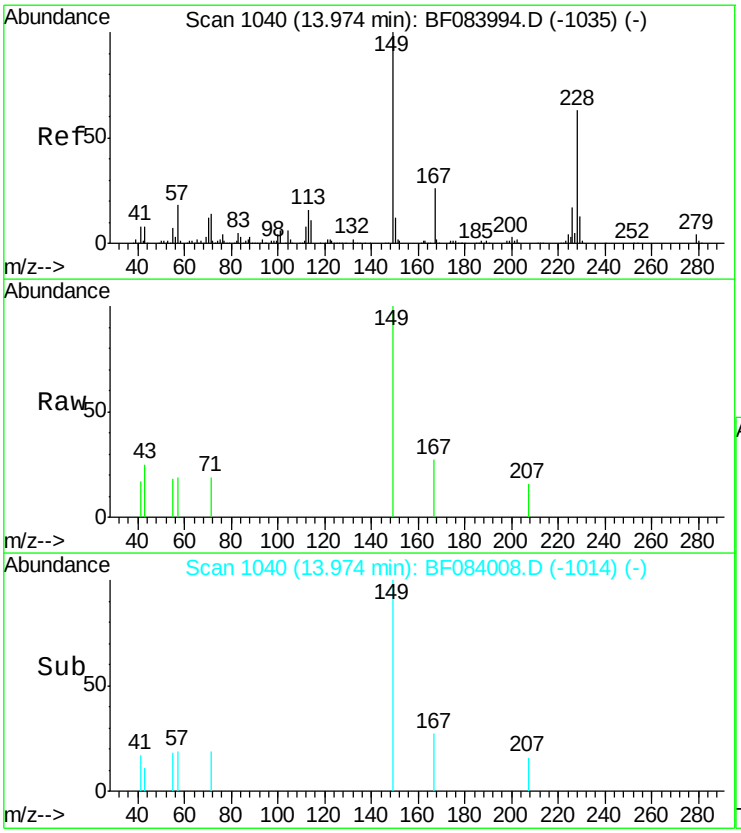
#78
Terphenyl-d14
Concen: 923.28 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 485800

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.3	7.4	11.0#

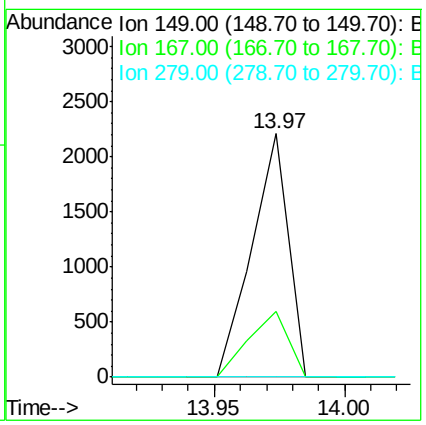


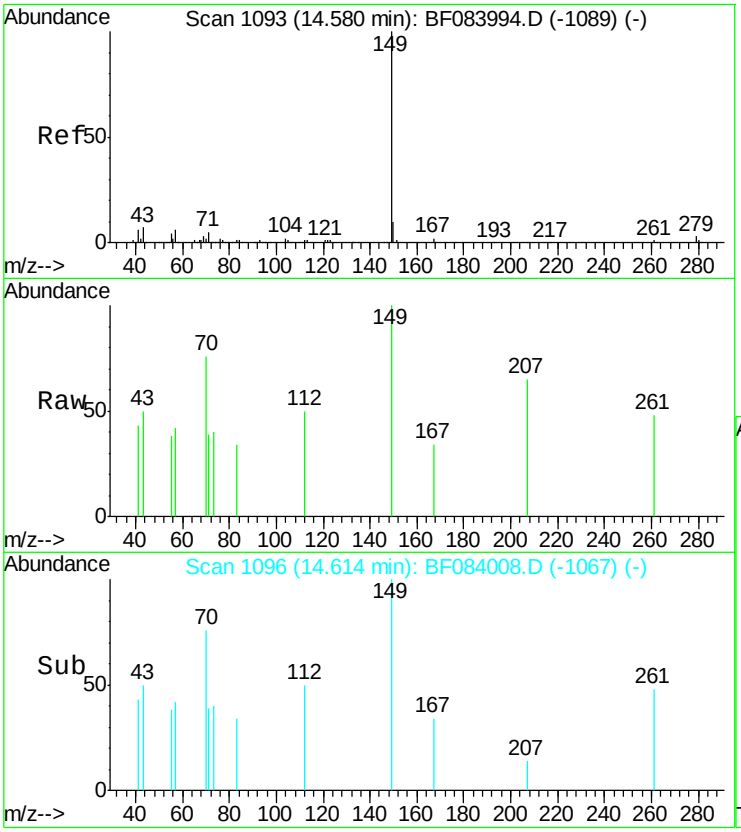


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.99 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:149 Resp: 2169

Ion	Ratio	Lower	Upper
149	100		
167	27.2	19.7	29.5
279	0.0	1.8	2.6#



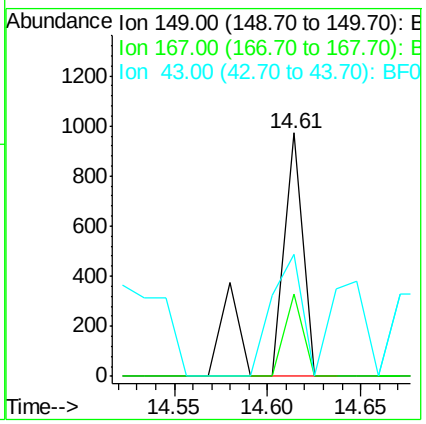


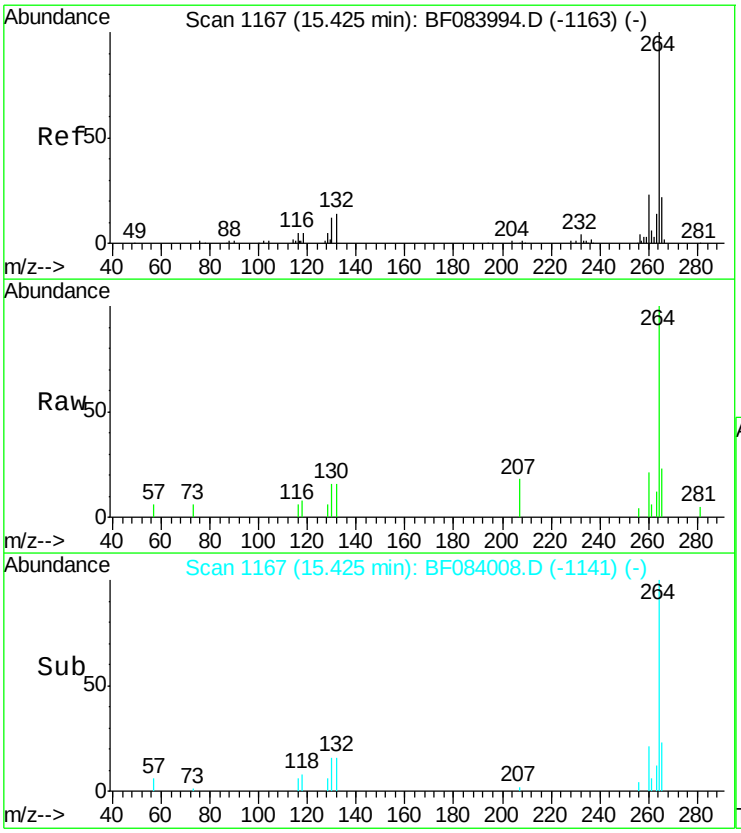
#84
Di-n-octyl phthalate
Concen: 1.11 ng
RT: 14.61 min Scan# 1096
Delta R.T. 0.03 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:149 Resp: 924

Ion	Ratio	Lower	Upper
149	100		
167	24.2	1.2	1.8#
43	60.5	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084008.D
Acq: 23 Dec 2015 00:33

Tgt Ion:264 Resp: 9270

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.4	29.2
265	22.7	17.8	26.6