Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Time: Dec 24 02:41:06 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	45794	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	182019	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	81697	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	121368	20.00	ng		0.00
75) Chrysene-d12	13.99	240	87093	20.00	ng		-0.01
86) Perylene-d12	15.41	264	83459	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	101121	37.65	ng		0.01
7) Phenol-d6	6.53	99	70688	22.38	ng		0.06
23) Nitrobenzene-d5	7.39	82	196092	66.18	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	81471	103.68	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	422643	69.62	ng		-0.01
78) Terphenyl-d14	12.93	244	299416	81.99	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.49	93	45173	10.34	ng	#	84
9) Benzaldehyde	6.37	77	4242	2.01	ng		91
10) Phenol	6.54	94	23532	6.44	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	45173	16.18	ng	#	38
15) Benzyl Alcohol	6.98	79	6172	2.48	ng	#	50
17) 2-Methylphenol	7.10	107	18607	7.55	ng	#	91
18) Hexachloroethane	7.39	117	146376	118.95	ng	#	6
19) n-Nitroso-di-n-propylamine	7.25	70	5494	2.87	ng	#	61
20) 3+4-Methylphenols	7.26	107	318988	104.92	ng	#	44
22) Acetophenone	7.24	105	52653	12.33	ng	#	89
24) Nitrobenzene	7.37	77	29179	9.56	ng	#	24
25) Isophorone	7.63	82	11550	2.06	ng	#	1
27) 2,4-Dimethylphenol	7.79	122	6725	2.35	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	8785	2.53	ng	#	1
31) Naphthalene	8.13	128	87734	9.44	ng	#	88
32) Benzoic acid	8.02	122	64195	48.53	ng		84
35) Caprolactam	8.54	113	22101	28.74	ng	#	19
36) 4-Chloro-3-methylphenol	8.70	107	10668	3.90	ng	#	28
37) 2-Methylnaphthalene	8.83	142	360964	59.94	ng		98
49) Dimethylphthalate	9.58	163	24186	3.78	ng	#	74
52) 3-Nitroaniline	9.74	138	21373	14.92	ng	#	20
53) 2,4-Dinitrophenol	10.02	184	474	8.74	ng	#	1
54) Dibenzofuran	10.08	168	16290	2.22	ng	#	68
55) 4-Nitrophenol	9.97	139	3044	3.61	ng	#	4
56) 2,4-Dinitrotoluene	10.04	165	3426	2.02	ng	#	75
66) 4-Bromophenyl-phenylether	10.66	248	6004	4.31	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.97	149	12253	3.25	ng	#	84

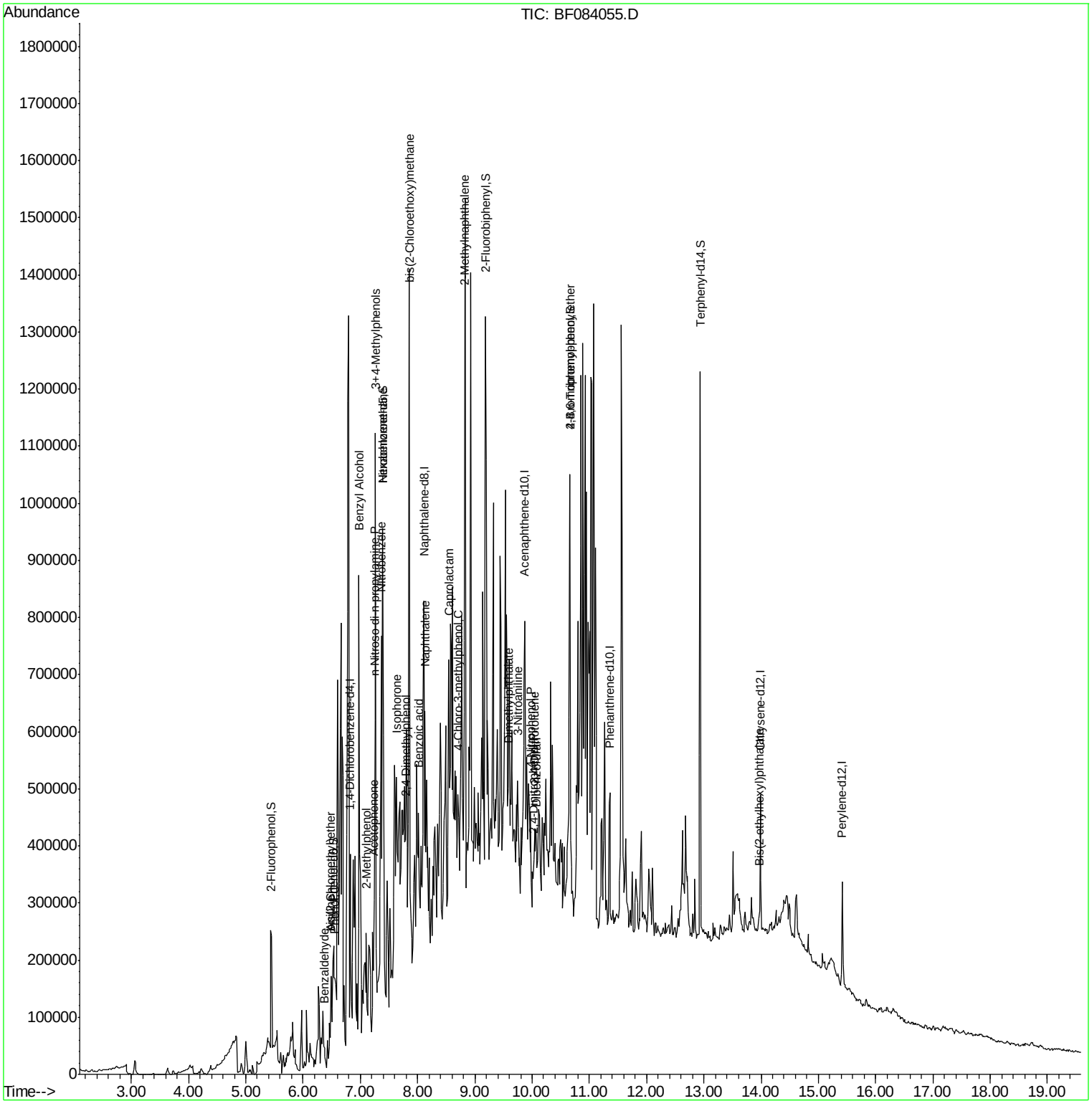
(#) = qualifier out of range (m) = manual integration (+) = signals summed

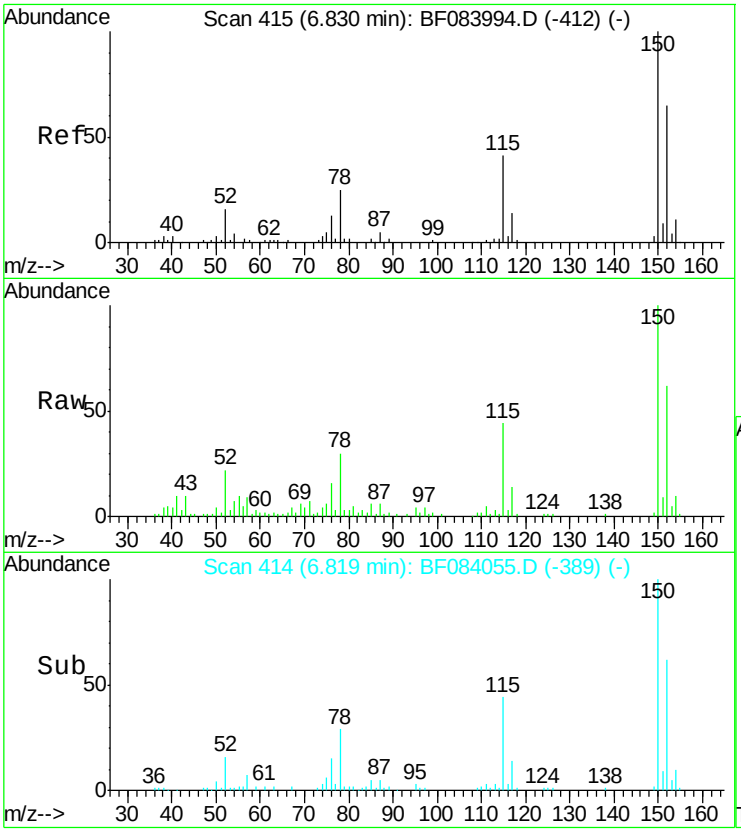
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Time: Dec 24 02:41:06 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



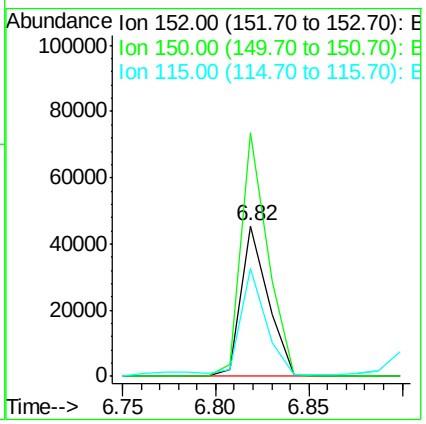


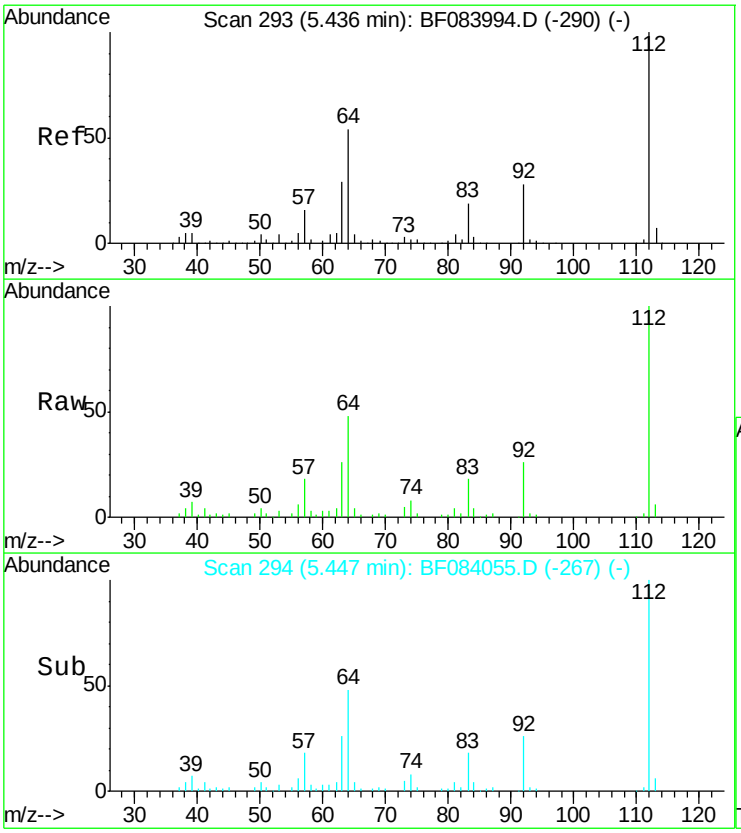
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 45794

Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.0	184.4
115	71.4	51.4	77.2

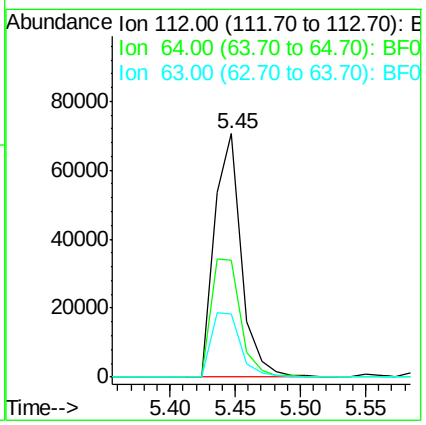


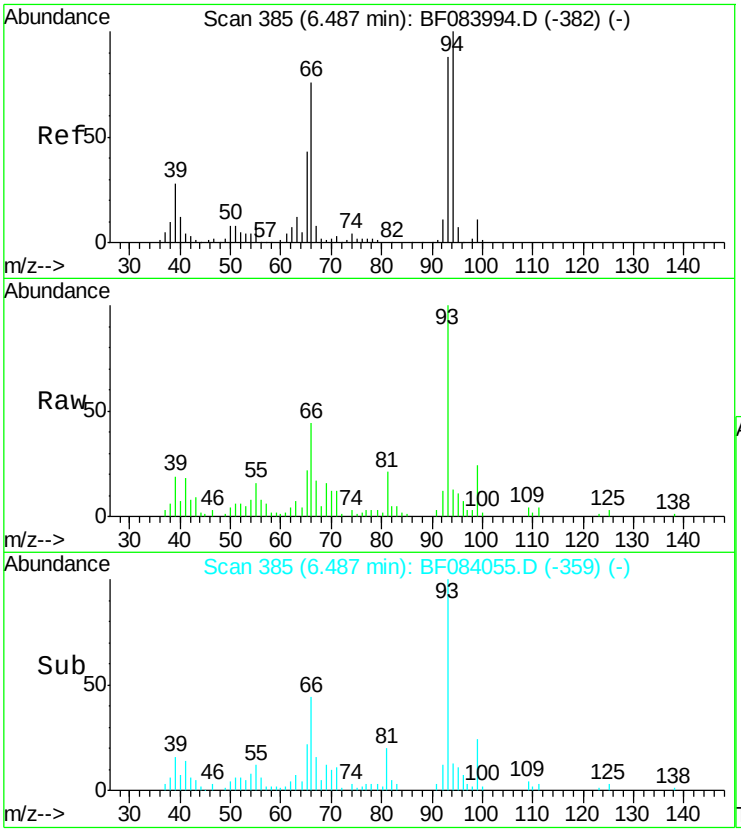


#5
2-Fluorophenol
Concen: 37.65 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:112 Resp: 101121

Ion	Ratio	Lower	Upper
112	100		
64	47.9	36.6	55.0
63	25.7	19.4	29.0



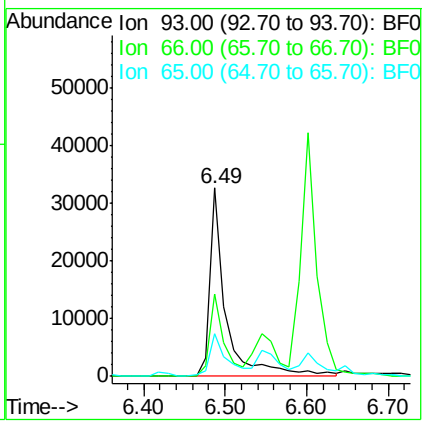


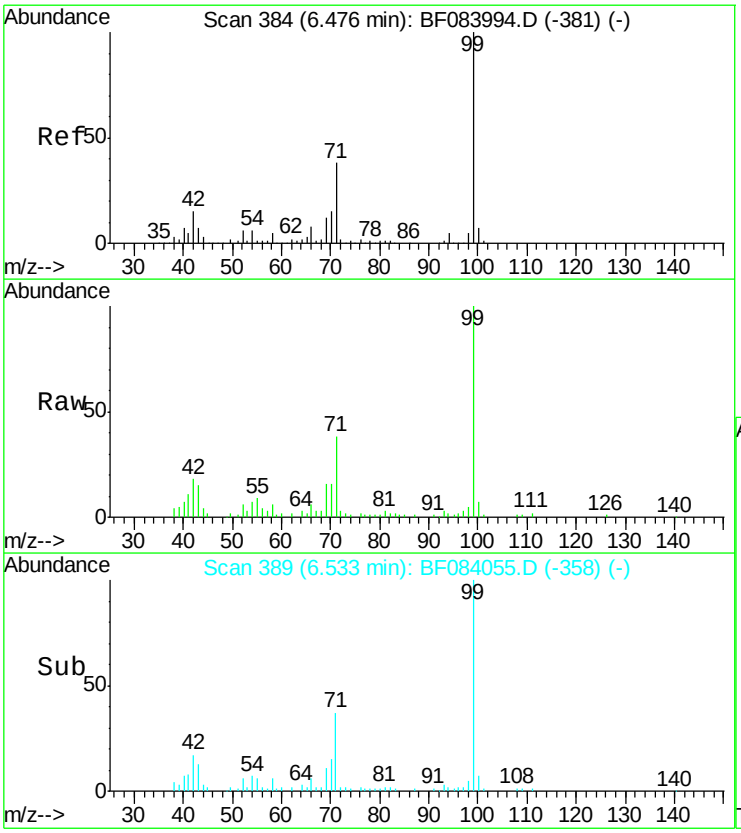
#6
Aniline
Concen: 10.34 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 93 Resp: 45173

Ion	Ratio	Lower	Upper
93	100		
66	43.9	44.9	67.3#
65	22.4	23.7	35.5#

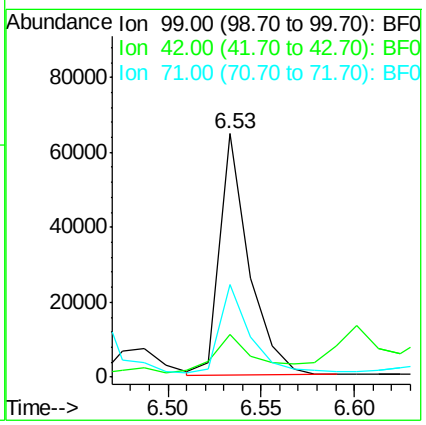


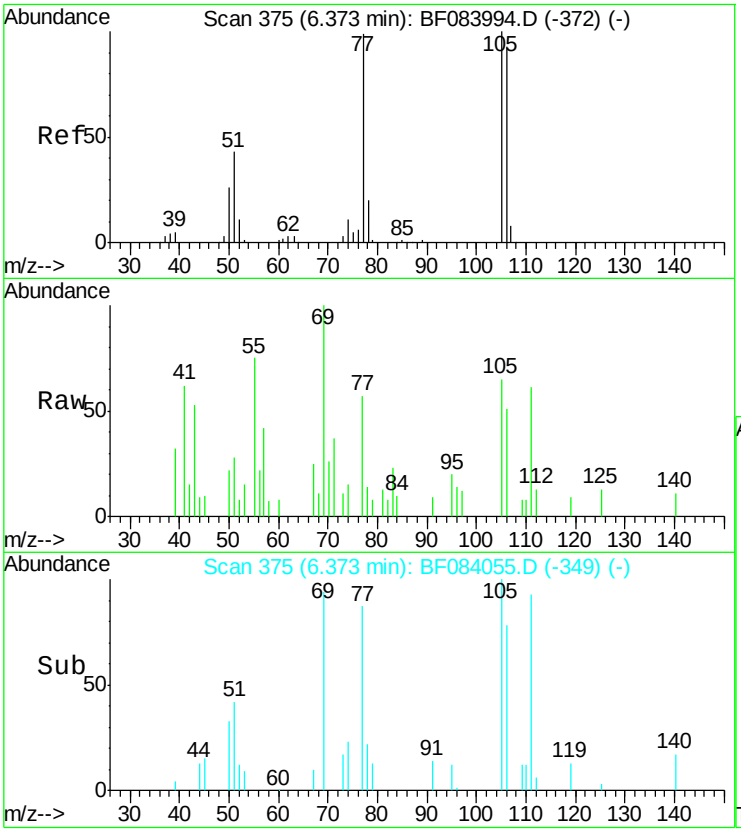


#7
Phenol-d6
Concen: 22.38 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.06 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion: 99 Resp: 70688

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.8	19.2
71	38.1	30.9	46.3



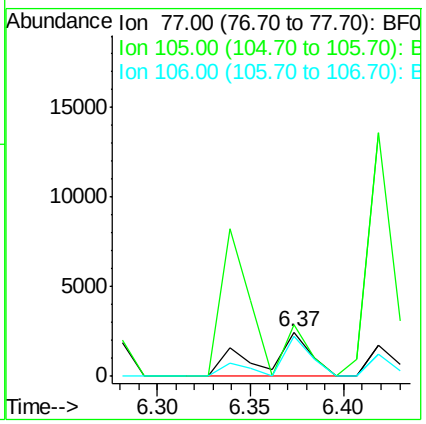


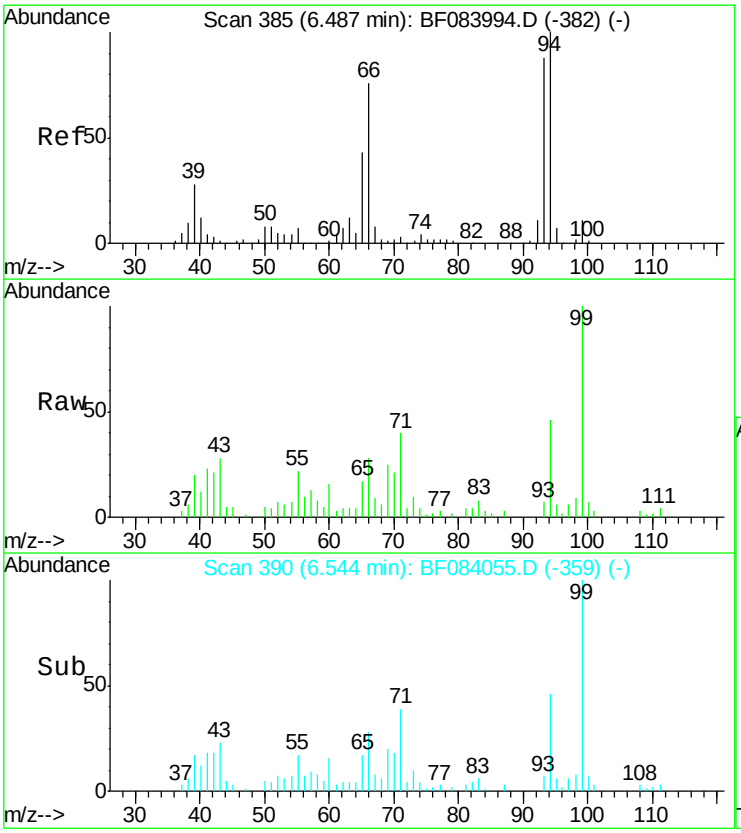
#9
Benzaldehyde
Concen: 2.01 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 77 Resp: 4242

Ion	Ratio	Lower	Upper
77	100		
105	114.8	83.0	123.0
106	89.5	74.6	114.6

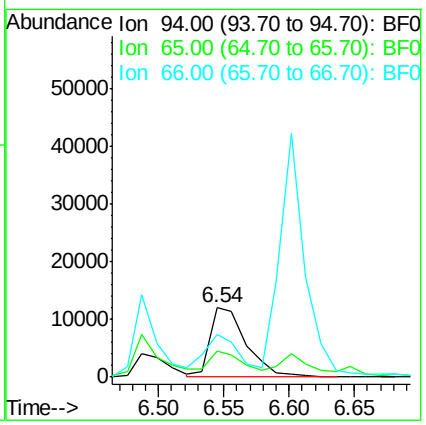


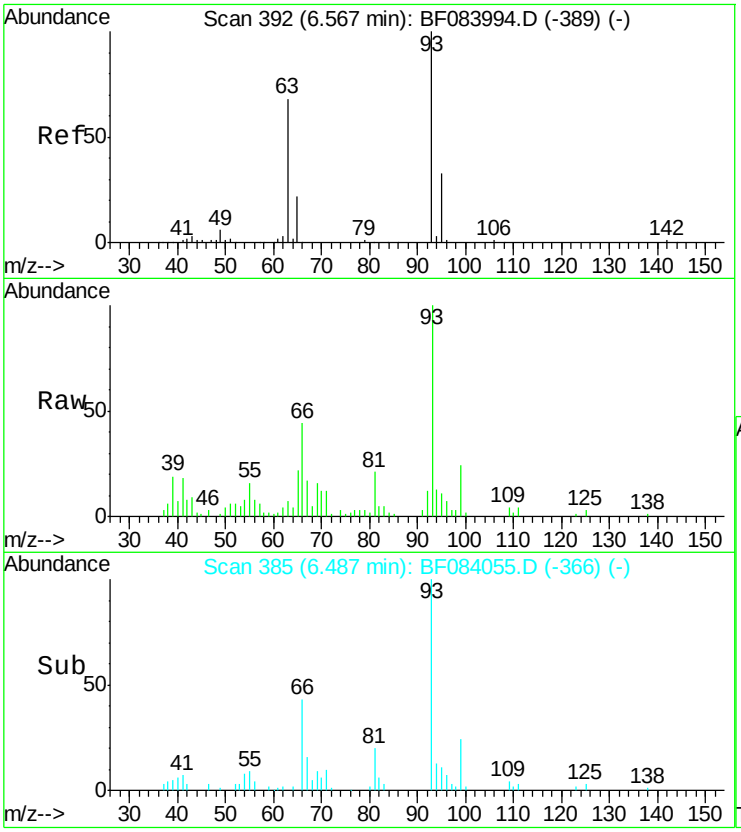


#10
Phenol
Concen: 6.44 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.06 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion: 94 Resp: 23532

Ion	Ratio	Lower	Upper
94	100		
65	36.7	12.9	52.9
66	61.0	32.7	72.7



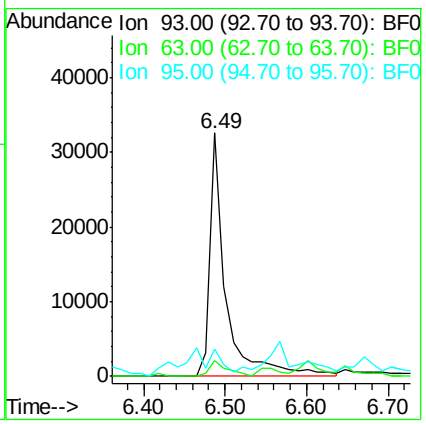


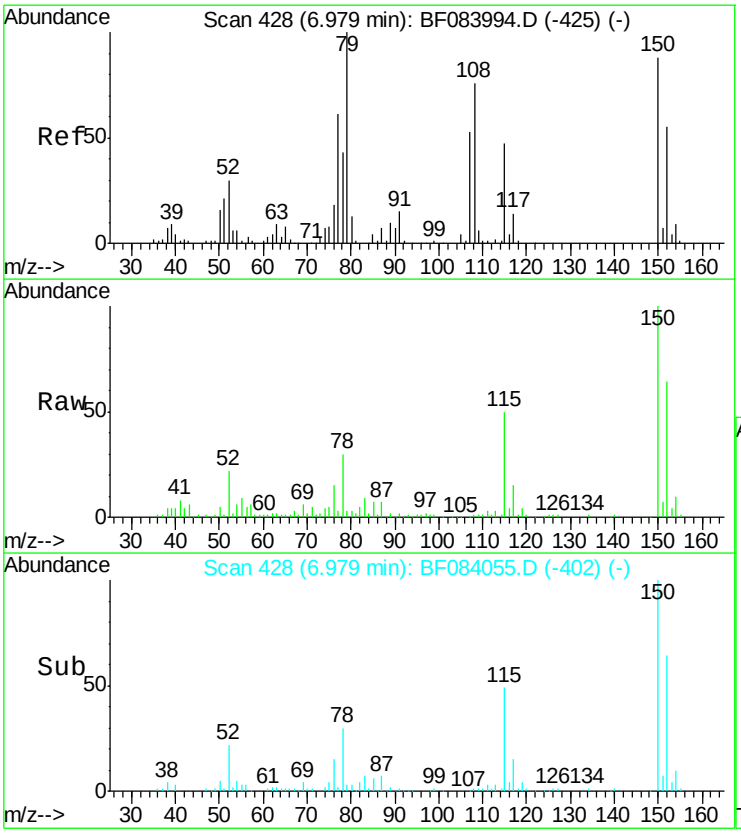
#11
bis(2-Chloroethyl)ether
Concen: 16.18 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.08 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 93 Resp: 45173

Ion	Ratio	Lower	Upper
93	100		
63	6.6	45.9	85.9#
95	11.2	12.3	52.3#

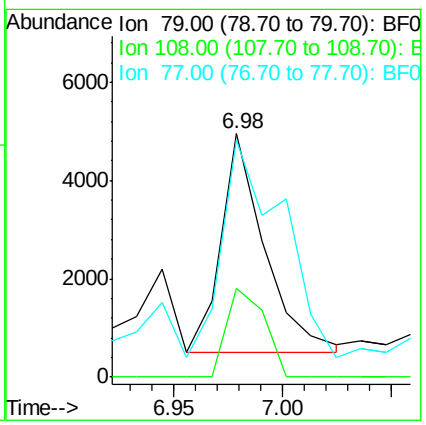


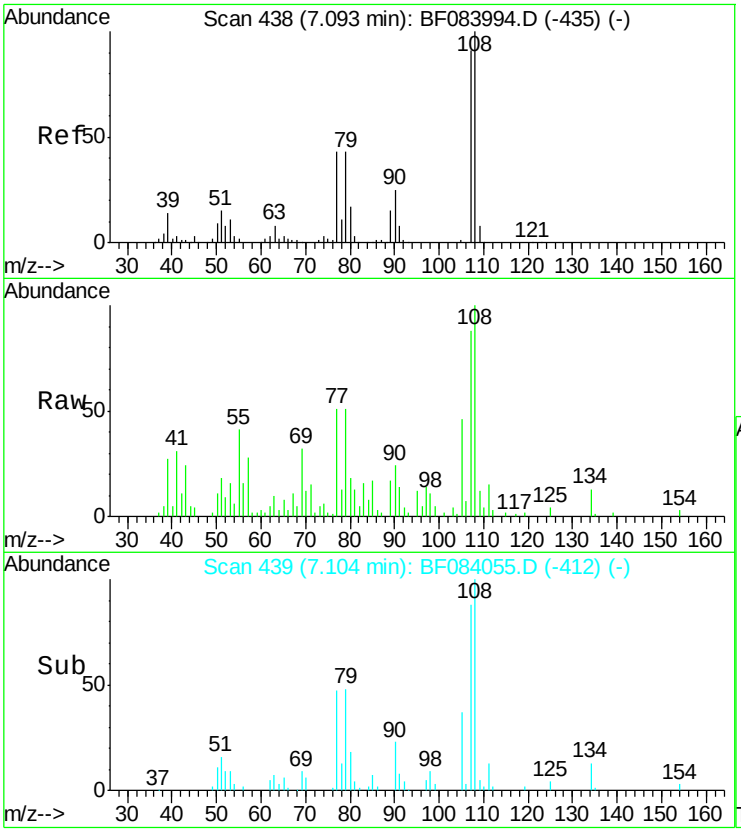


#15
Benzyl Alcohol
Concen: 2.48 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion: 79 Resp: 6172

Ion	Ratio	Lower	Upper
79	100		
108	36.2	69.0	103.4#
77	97.2	50.0	75.0#



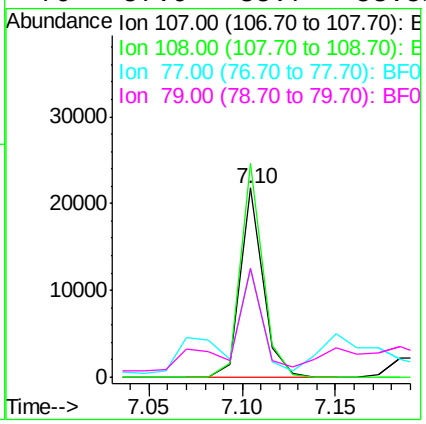


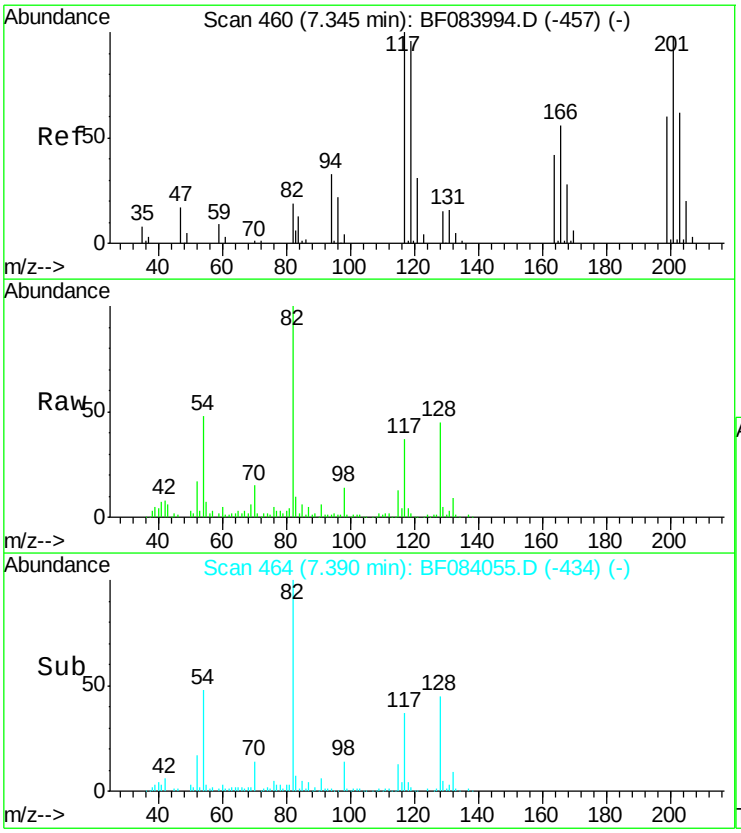
#17
2-Methylphenol
Concen: 7.55 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:107 Resp: 18607

Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.8	134.6
77	57.9	35.7	53.5#
79	57.9	35.7	53.5#

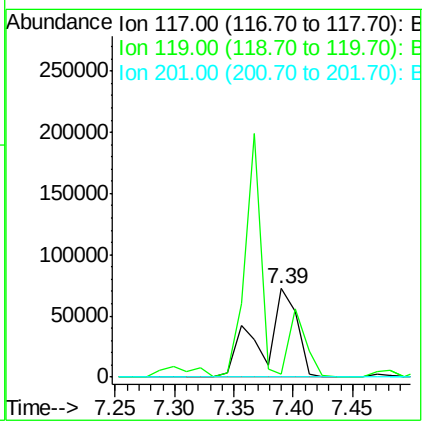


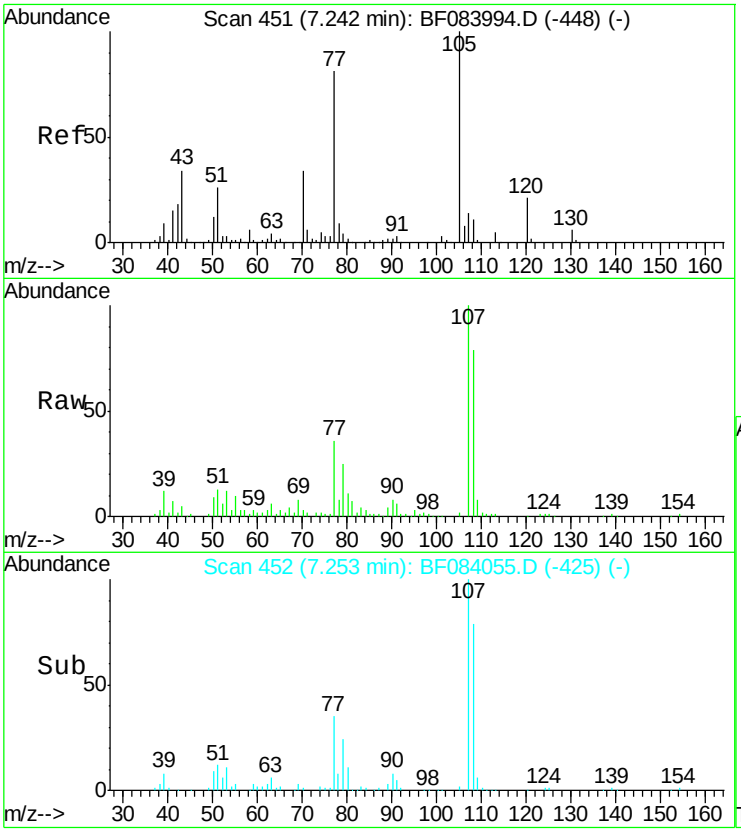


#18
Hexachloroethane
Concen: 118.95 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.05 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:117 Resp: 146376

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.4	116.0#
201	0.0	68.6	103.0#



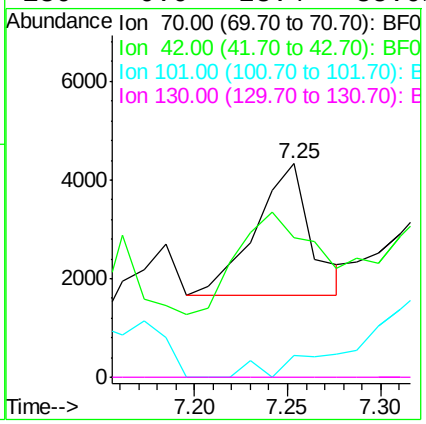


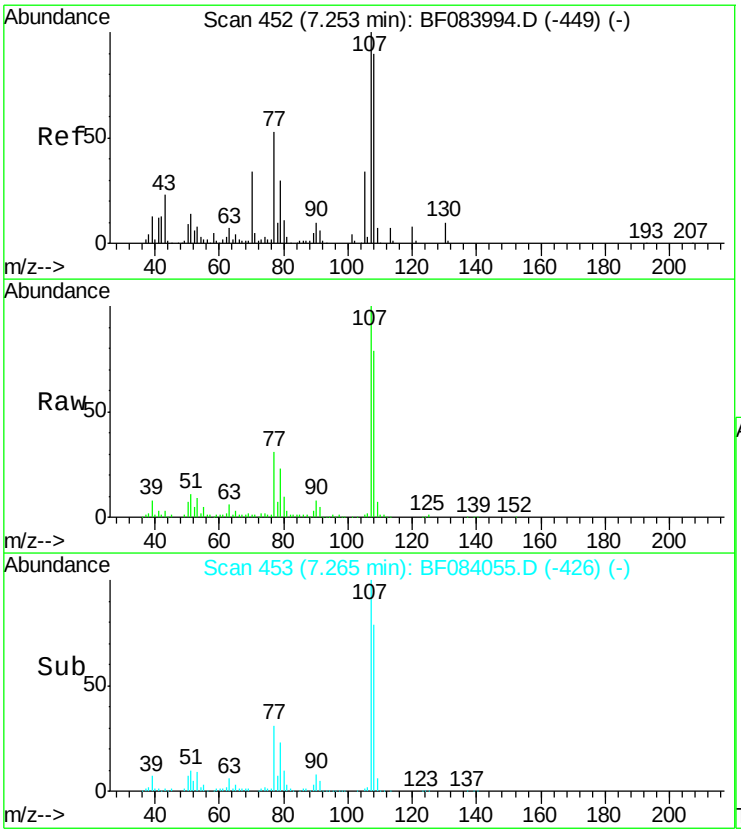
#19
n-Nitroso-di-n-propylamine
Concen: 2.87 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 70 Resp: 5494

Ion	Ratio	Lower	Upper
70	100		
42	65.3	33.3	49.9#
101	10.2	9.3	13.9
130	0.0	23.4	35.0#

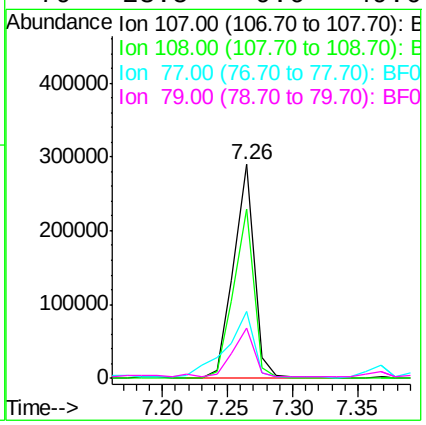


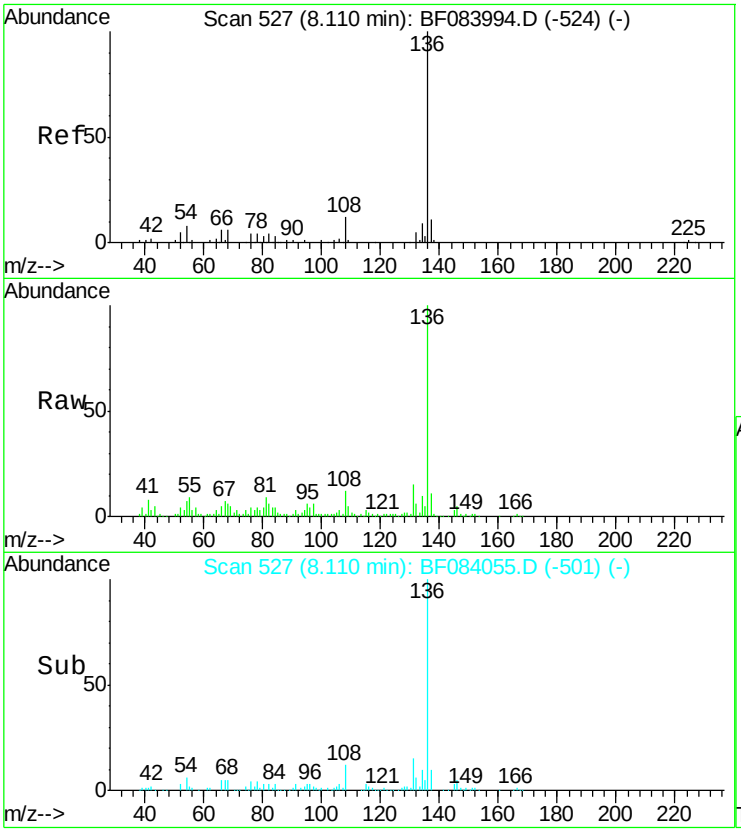


#20
3+4-Methylphenols
Concen: 104.92 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:107 Resp: 318988

Ion	Ratio	Lower	Upper
107	100		
108	79.3	64.1	104.1
77	31.4	128.9	168.9#
79	23.5	9.6	49.6



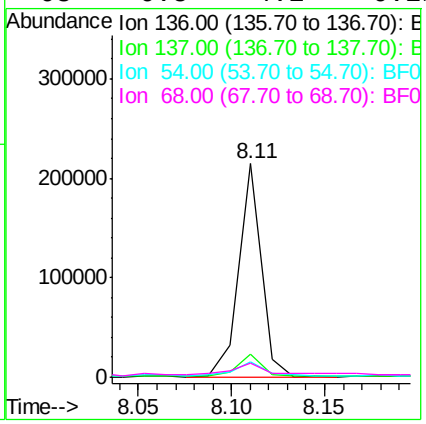


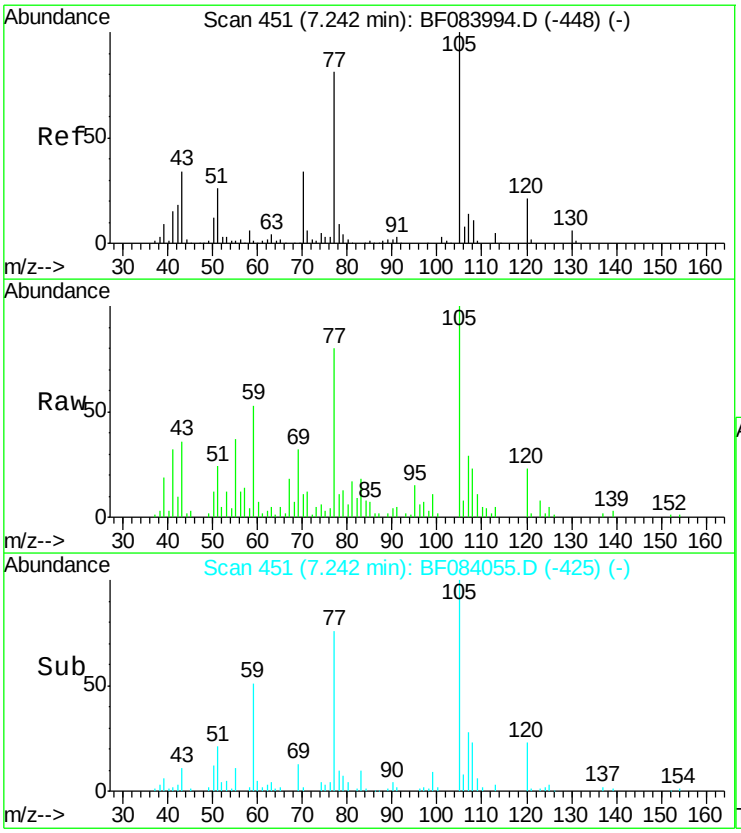
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:136 Resp: 182019

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.4	5.8	8.8
68	6.5	4.2	6.2#

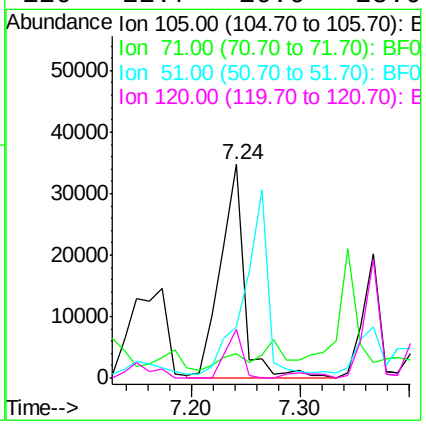


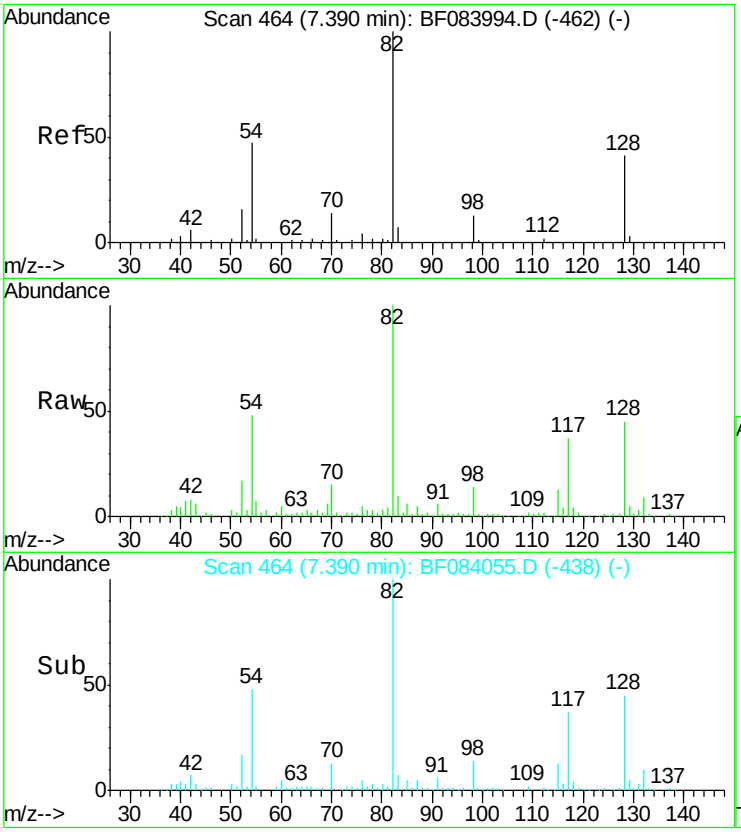


#22
Acetophenone
Concen: 12.33 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:105 Resp: 52653

Ion	Ratio	Lower	Upper
105	100		
71	11.6	3.7	5.5#
51	23.9	25.1	37.7#
120	22.7	16.6	25.0



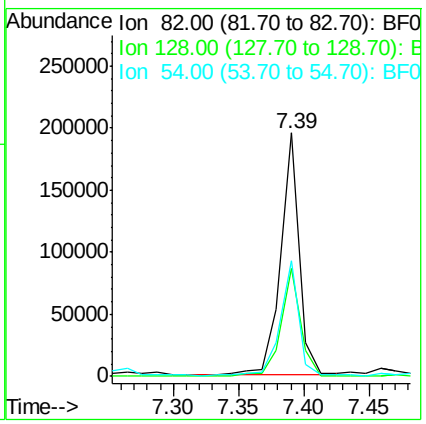


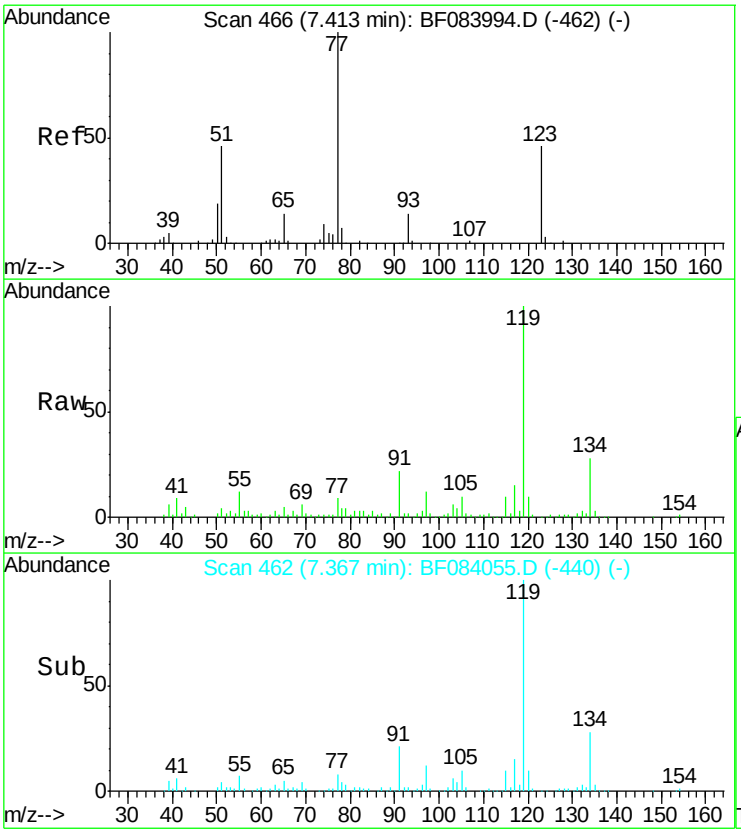
#23
Nitrobenzene-d5
Concen: 66.18 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 196092

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	47.6	38.4	57.6

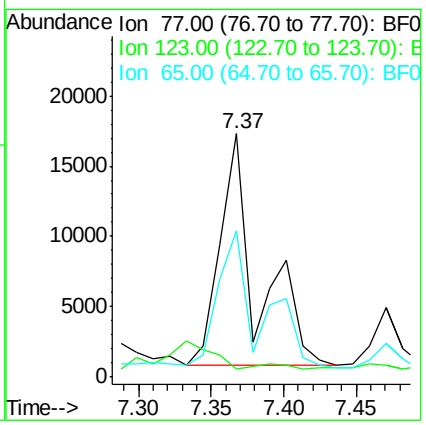


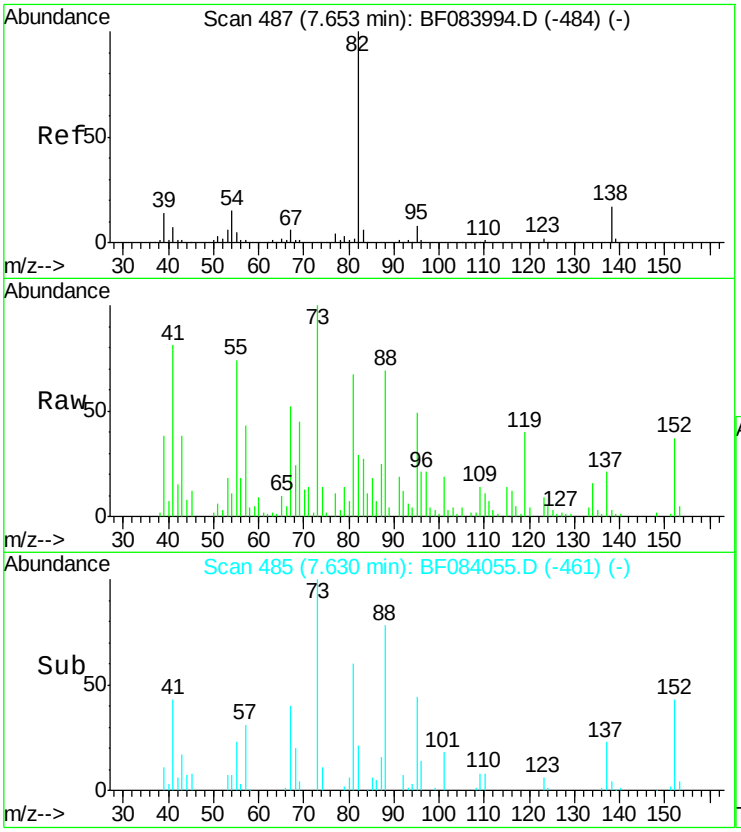


#24
Nitrobenzene
Concen: 9.56 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion: 77 Resp: 29179

Ion	Ratio	Lower	Upper
77	100		
123	3.5	37.4	56.2#
65	60.0	10.9	16.3#



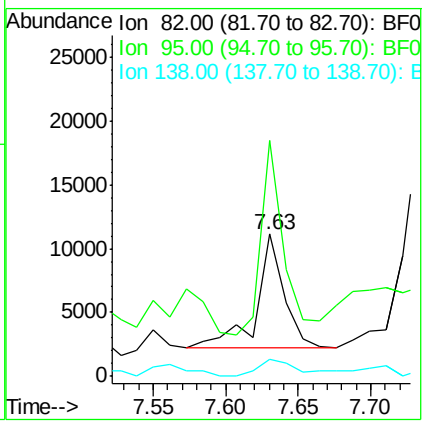


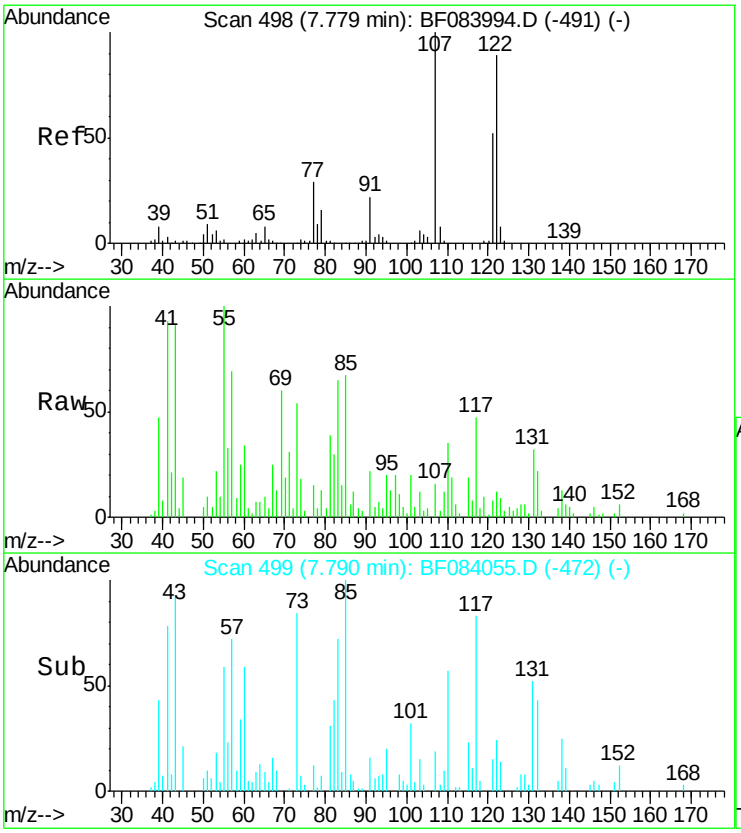
#25
Isophorone
Concen: 2.06 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 11550

Ion	Ratio	Lower	Upper
82	100		
95	166.7	6.6	10.0#
138	11.9	13.6	20.4#

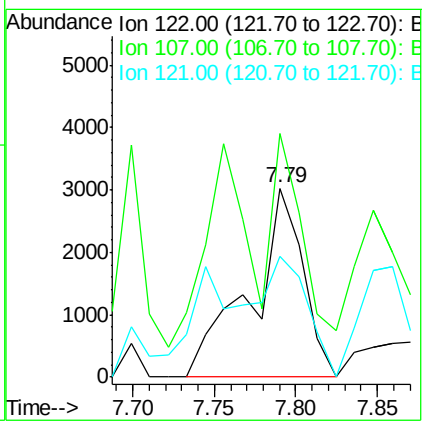


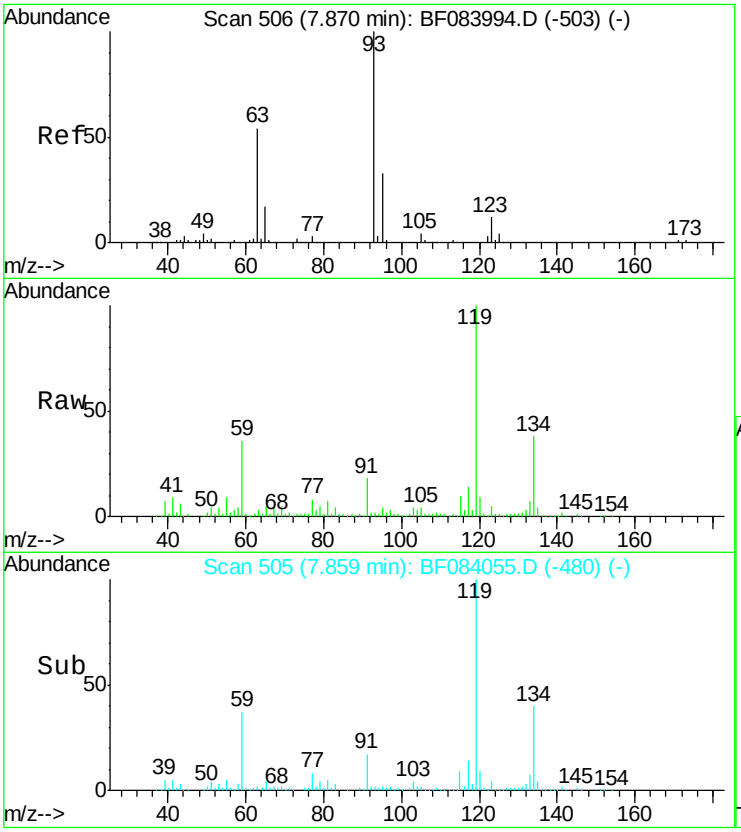


#27
2,4-Dimethylphenol
Concen: 2.35 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:122 Resp: 6725

Ion	Ratio	Lower	Upper
122	100		
107	128.7	99.1	148.7
121	63.9	47.9	71.9



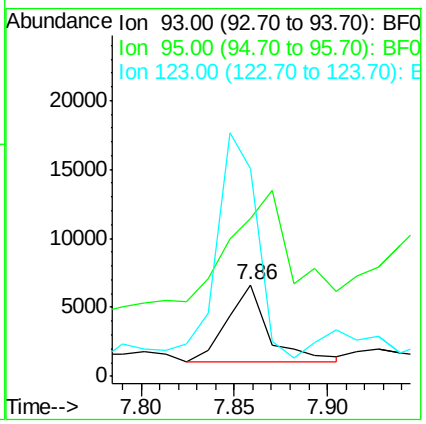


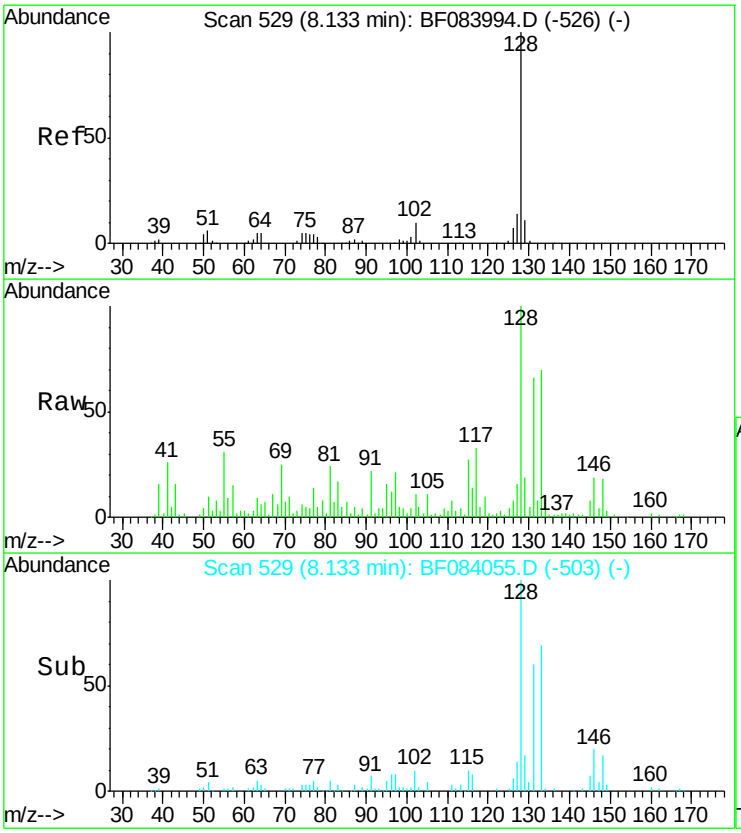
#28
bis(2-Chloroethoxy)methane
Concen: 2.53 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 93 Resp: 8785

Ion	Ratio	Lower	Upper
93	100		
95	171.6	25.8	38.6#
123	226.6	8.6	12.8#

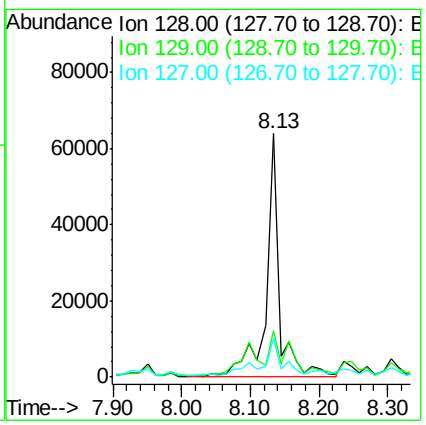


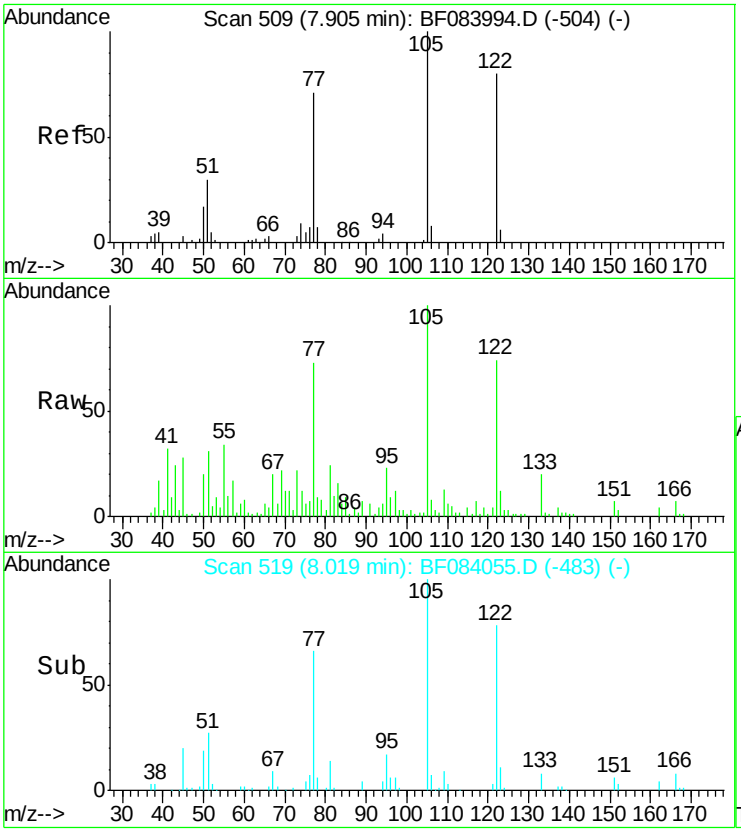


#31
Naphthalene
Concen: 9.44 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:128 Resp: 87734

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.1	13.7#
127	15.8	11.1	16.7



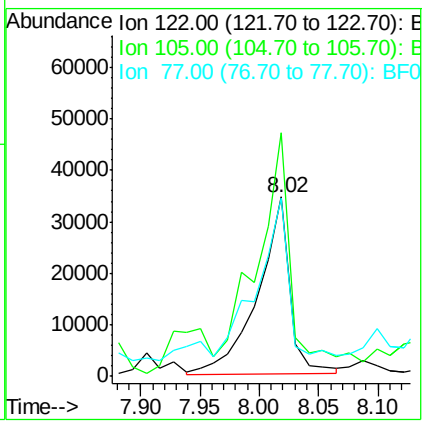


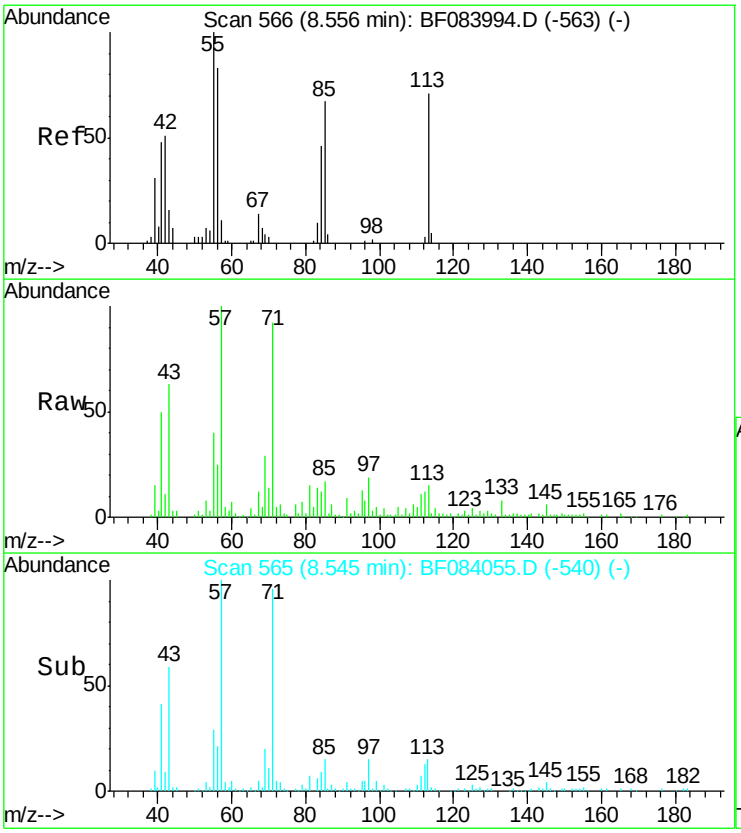
#32
Benzoic acid
Concen: 48.53 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.11 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:122 Resp: 64195

Ion	Ratio	Lower	Upper
122	100		
105	135.9	100.3	140.3
77	99.8	63.5	103.5

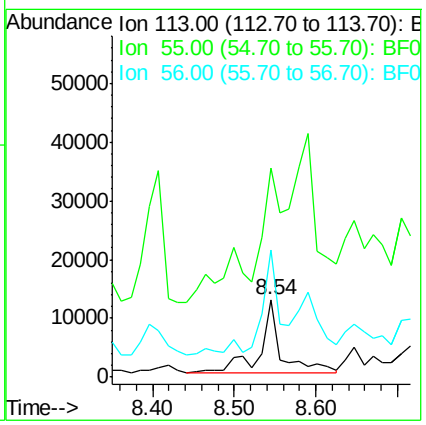


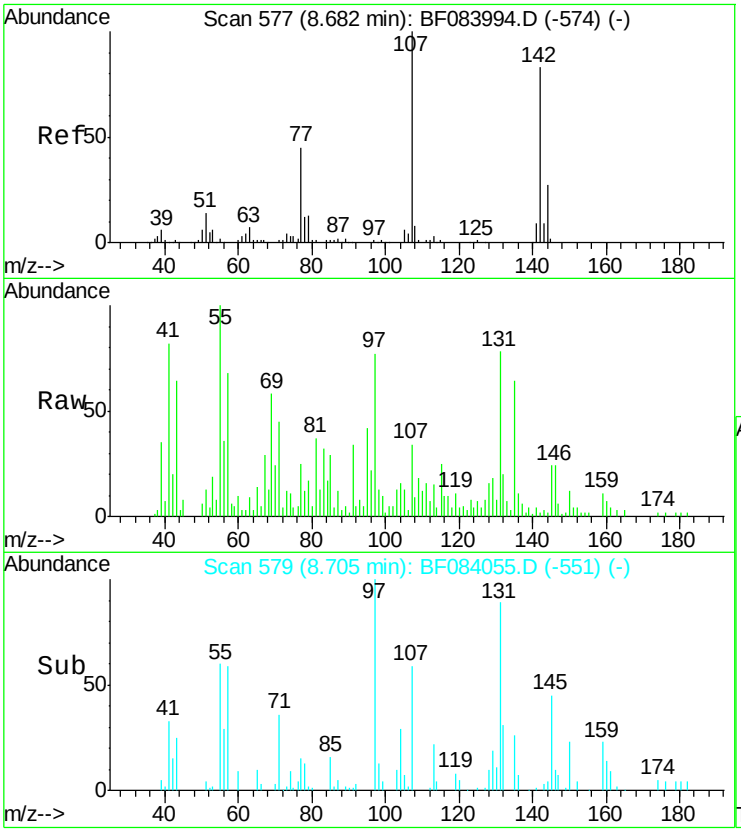


#35
Caprolactam
Concen: 28.74 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:113 Resp: 22101

Ion	Ratio	Lower	Upper
113	100		
55	268.7	116.9	156.9#
56	164.4	93.8	133.8#



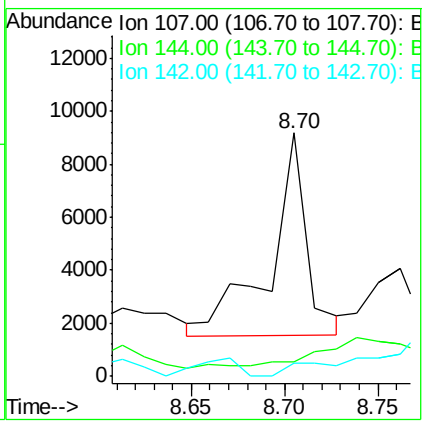


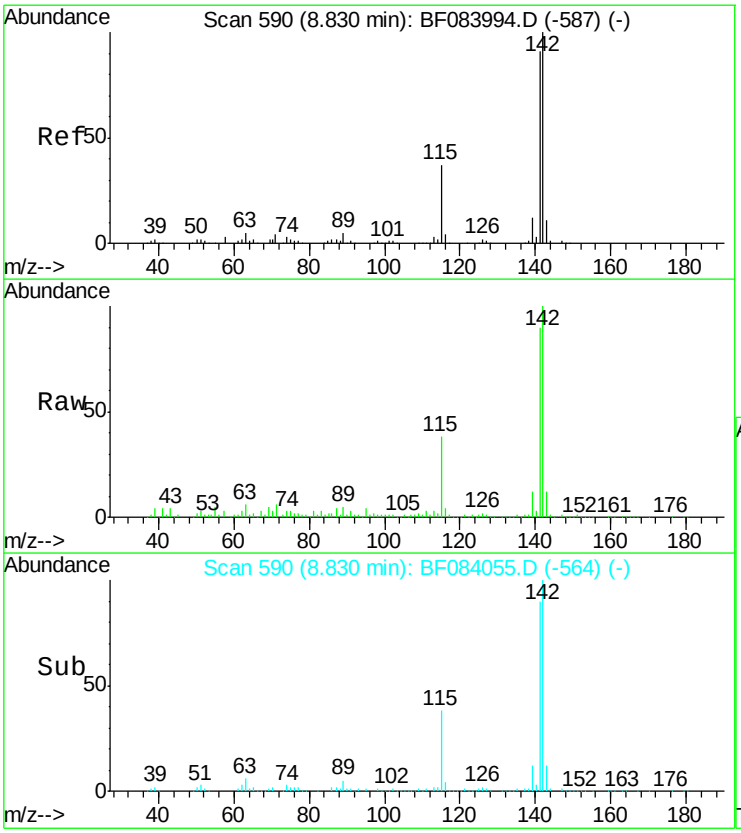
#36
4-Chloro-3-methylphenol
Concen: 3.90 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:107 Resp: 10668

Ion	Ratio	Lower	Upper
107	100		
144	6.2	19.7	29.5#
142	5.2	61.8	92.6#

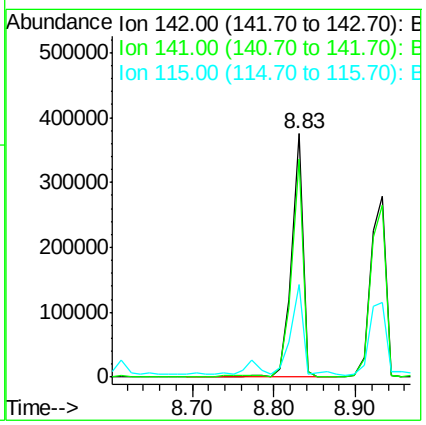


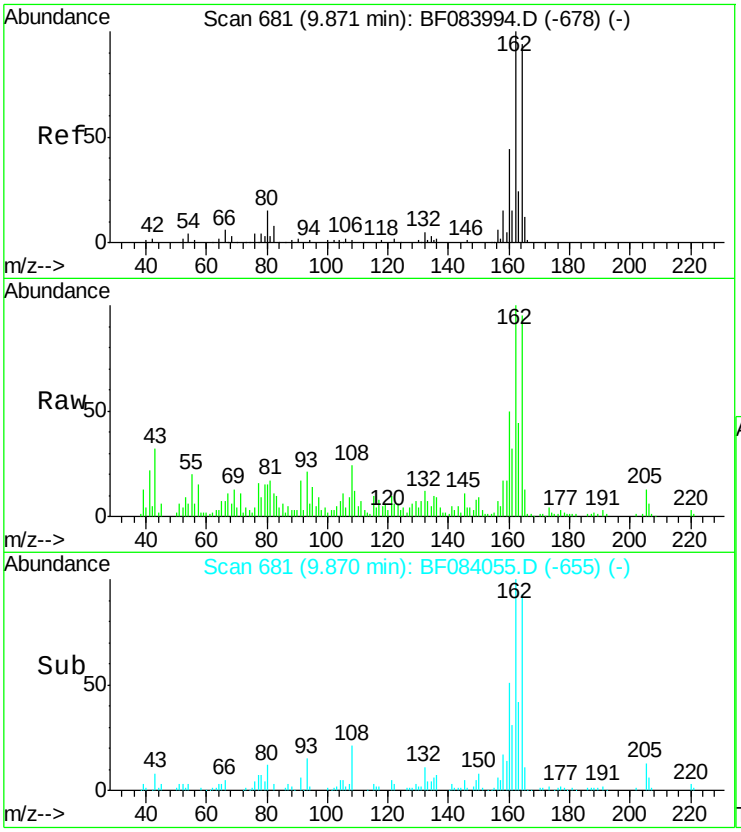


#37
2-Methylnaphthalene
Concen: 59.94 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:142 Resp: 360964

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	38.1	27.9	41.9



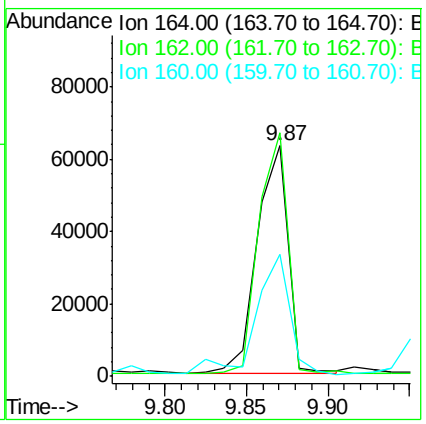


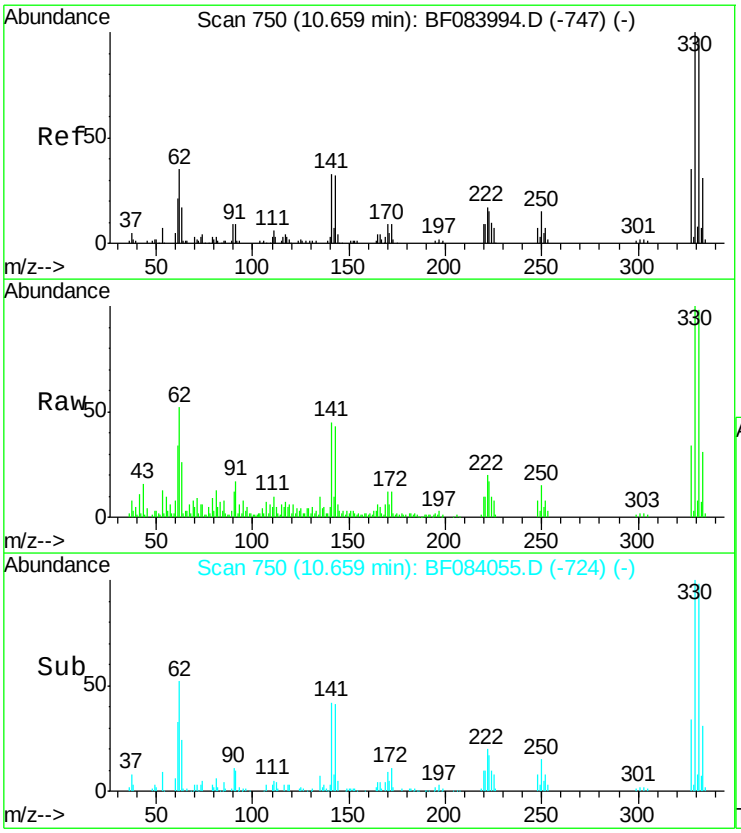
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:164 Resp: 81697

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	53.1	37.5	56.3

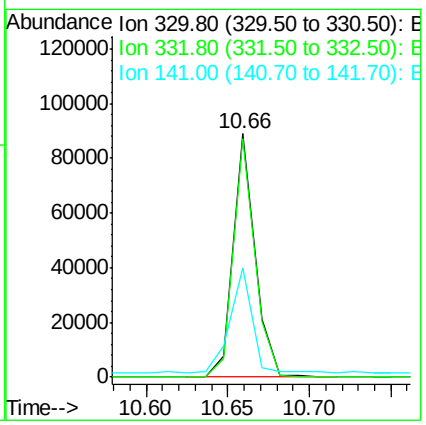


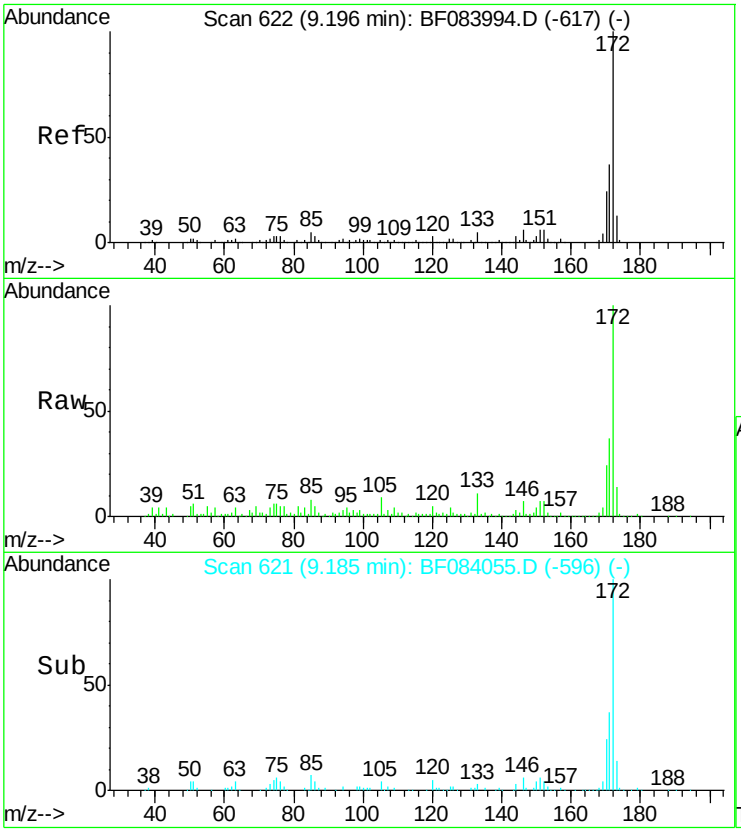


#41
2,4,6-Tribromophenol
Concen: 103.68 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:330 Resp: 81471

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	45.8	27.8	41.6#



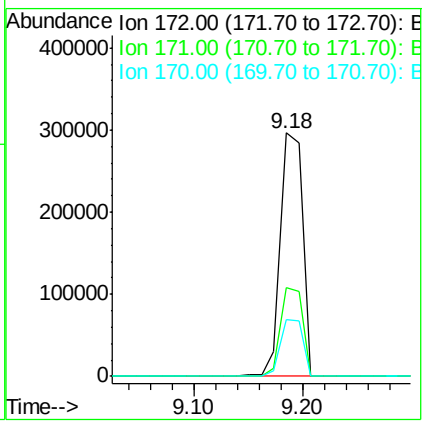


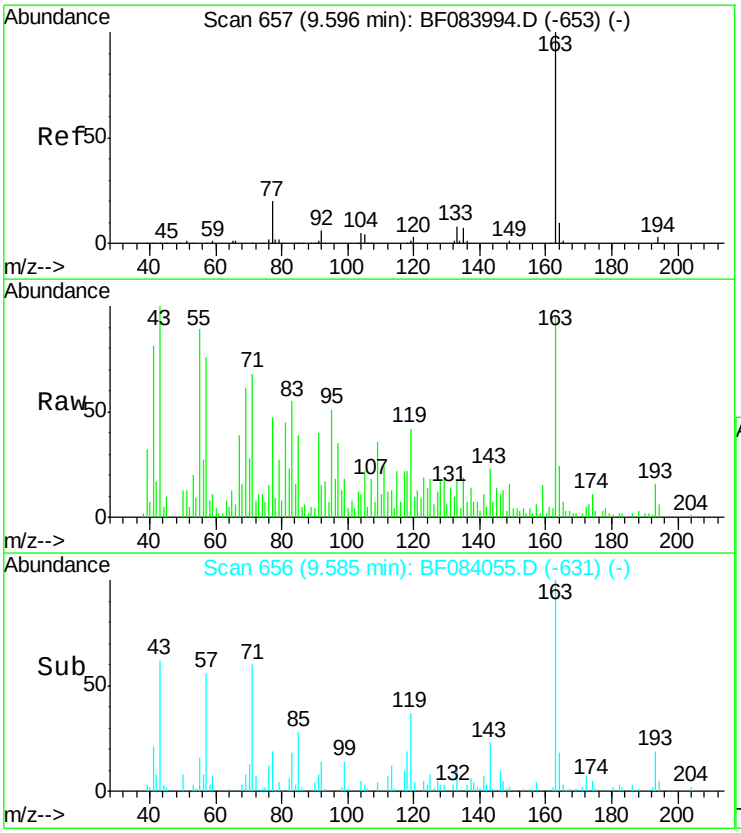
#44
2-Fluorobiphenyl
Concen: 69.62 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:172 Resp: 422643

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.6	18.6	27.8

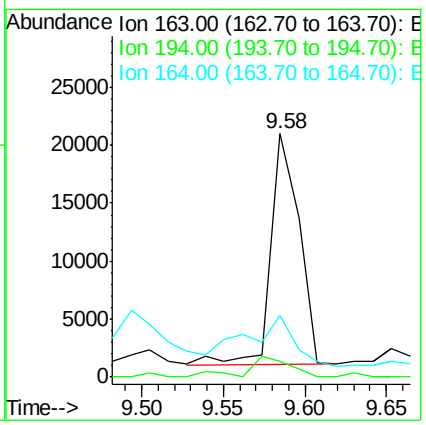


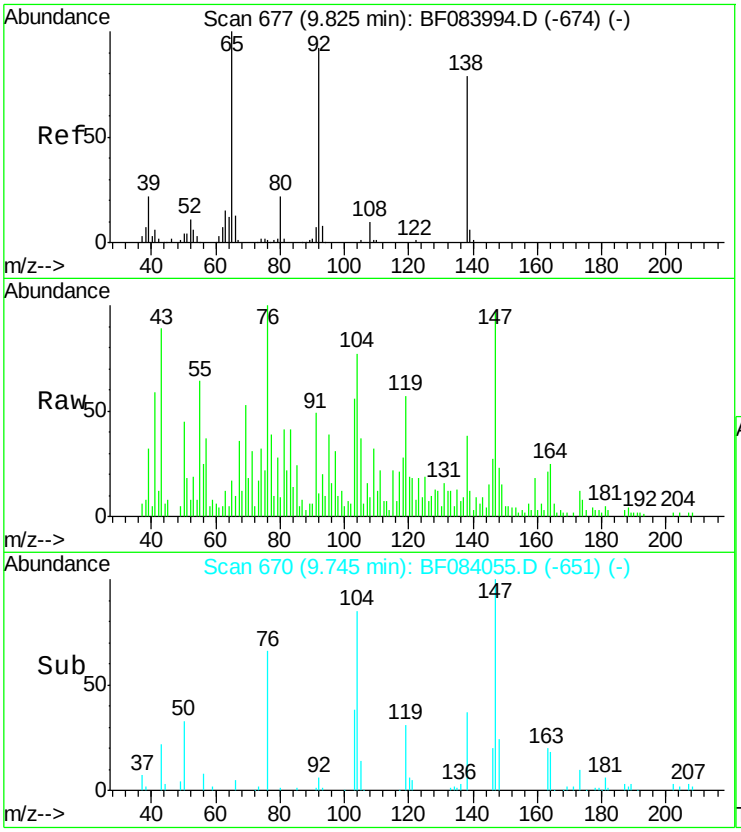


#49
Dimethylphthalate
Concen: 3.78 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:163 Resp: 24186

Ion	Ratio	Lower	Upper
163	100		
194	6.3	8.0	12.0#
164	25.5	8.0	12.0#



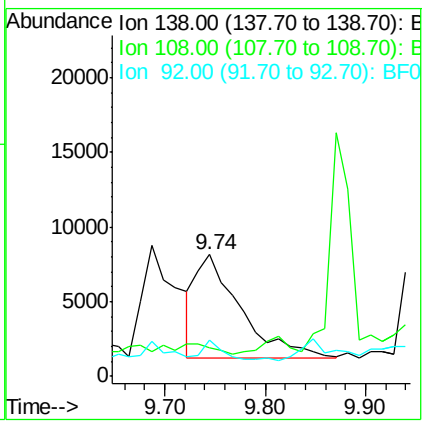


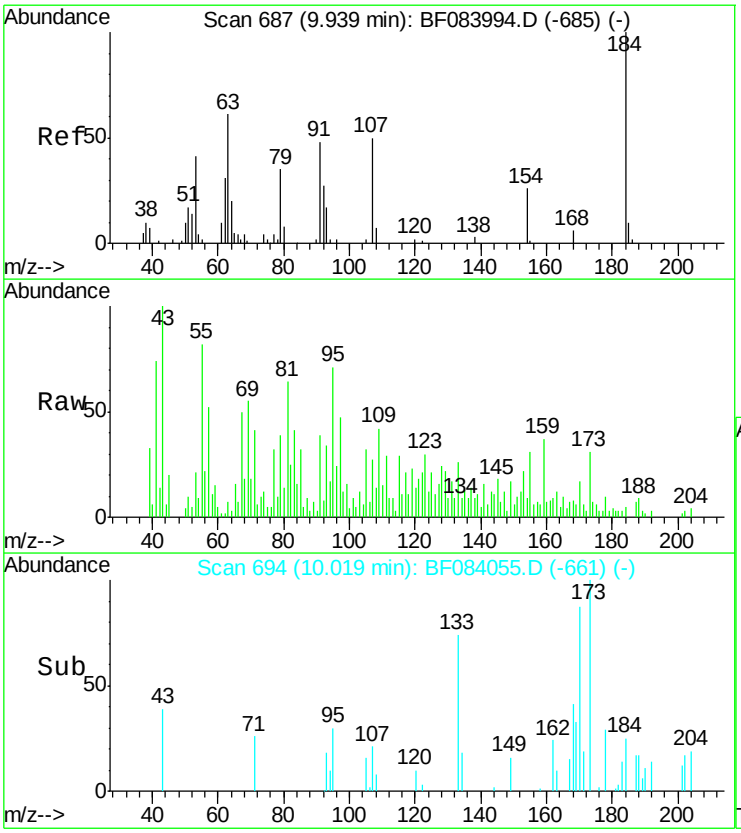
#52
3-Nitroaniline
Concen: 14.92 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:138 Resp: 21373

Ion	Ratio	Lower	Upper
138	100		
108	23.8	10.5	15.7#
92	30.0	103.9	155.9#

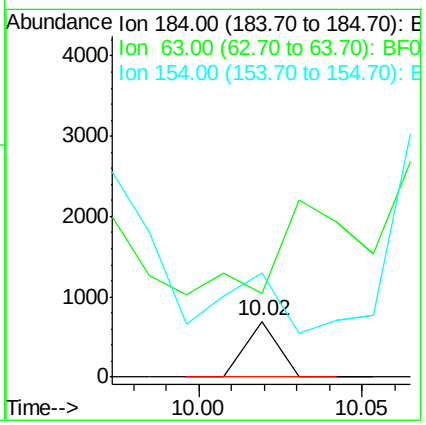


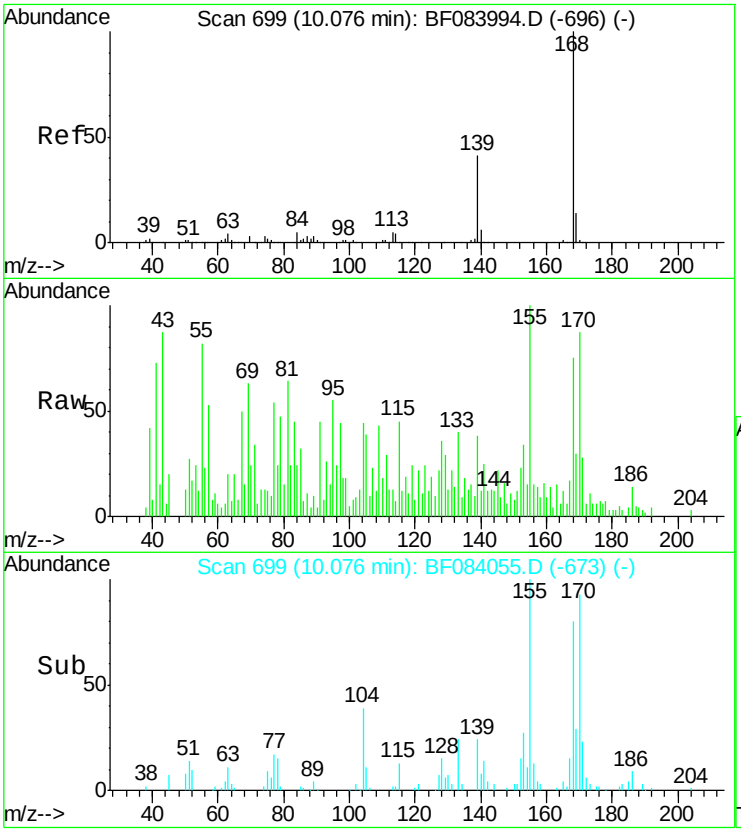


#53
2,4-Dinitrophenol
Concen: 8.74 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.08 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:184 Resp: 474

Ion	Ratio	Lower	Upper
184	100		
63	150.7	43.1	64.7#
154	188.1	60.5	90.7#



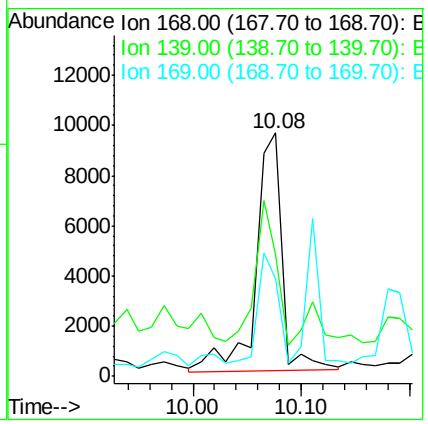


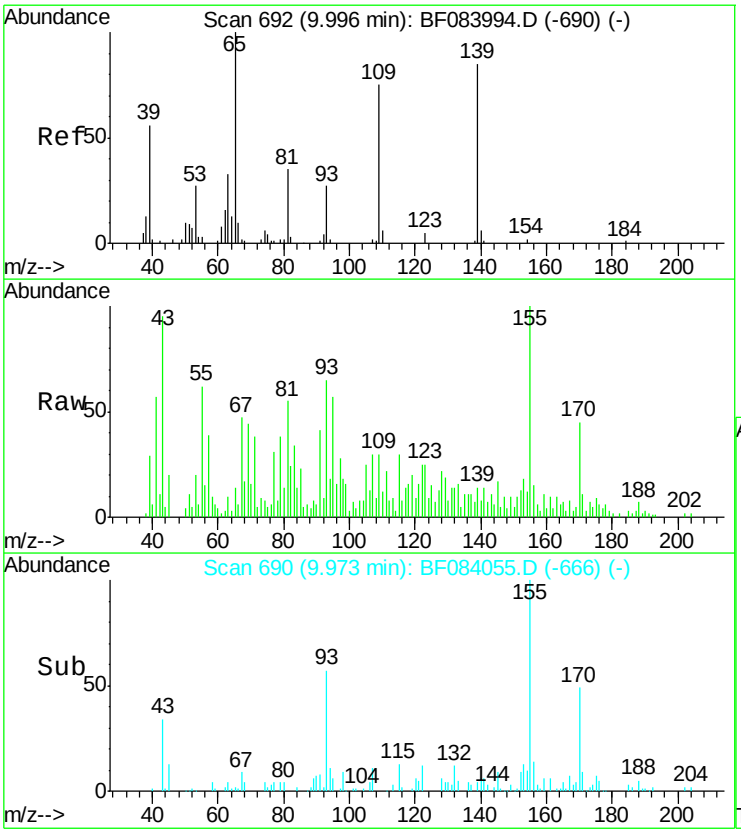
#54
Dibenzofuran
Concen: 2.22 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:168 Resp: 16290

Ion	Ratio	Lower	Upper
168	100		
139	50.2	30.5	45.7#
169	40.0	10.4	15.6#

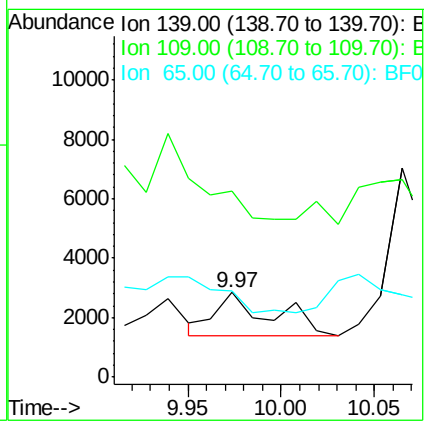


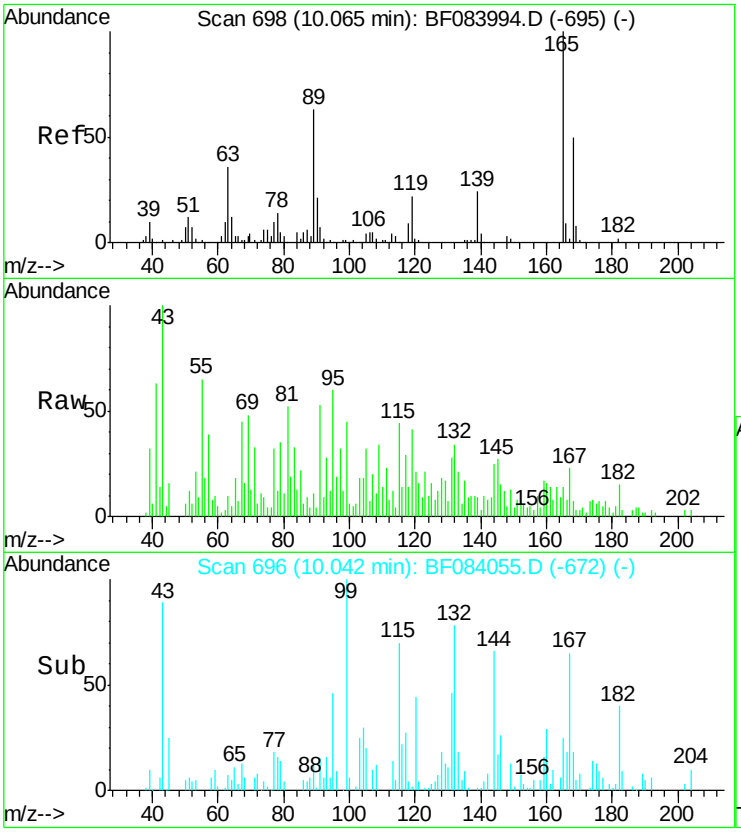


#55
4-Nitrophenol
Concen: 3.61 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:139 Resp: 3044

Ion	Ratio	Lower	Upper
139	100		
109	221.4	58.5	98.5#
65	102.2	57.6	97.6#



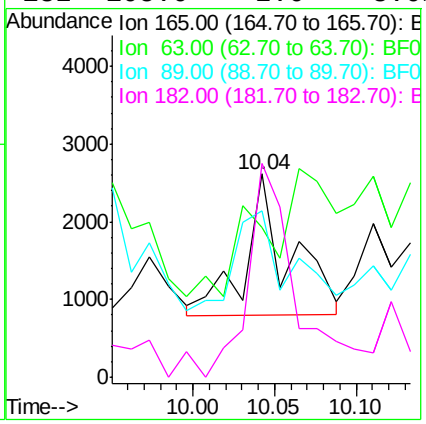


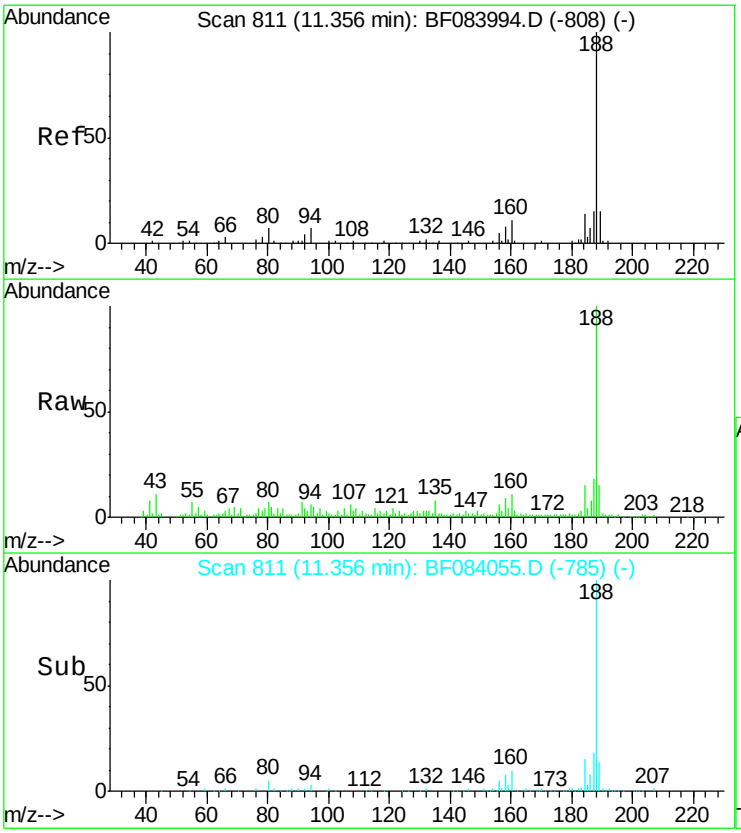
#56
2,4-Dinitrotoluene
Concen: 2.02 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:165 Resp: 3426

Ion	Ratio	Lower	Upper
165	100		
63	73.9	36.7	55.1#
89	81.8	61.9	92.9
182	105.0	2.0	3.0#

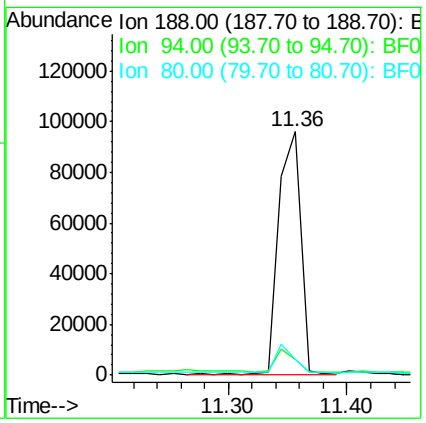


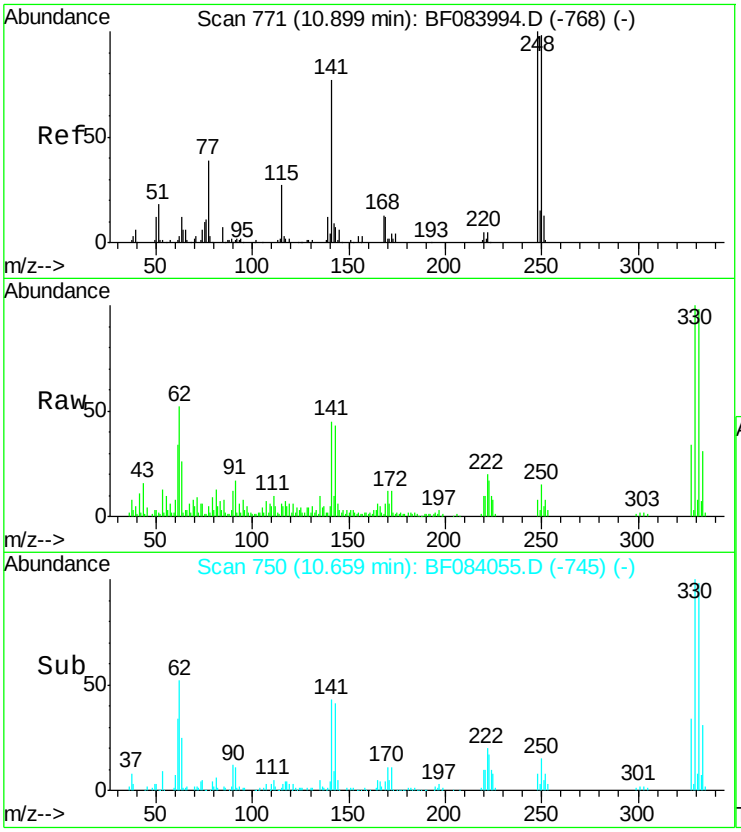


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:188 Resp: 121368

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.6	9.6	14.4#



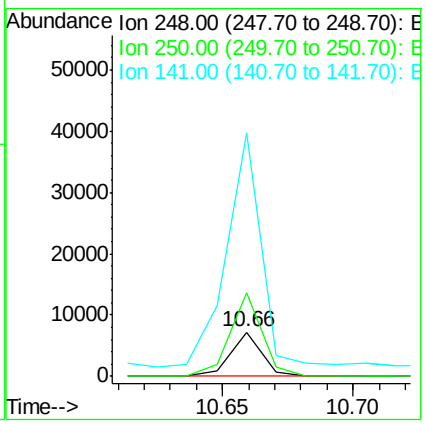


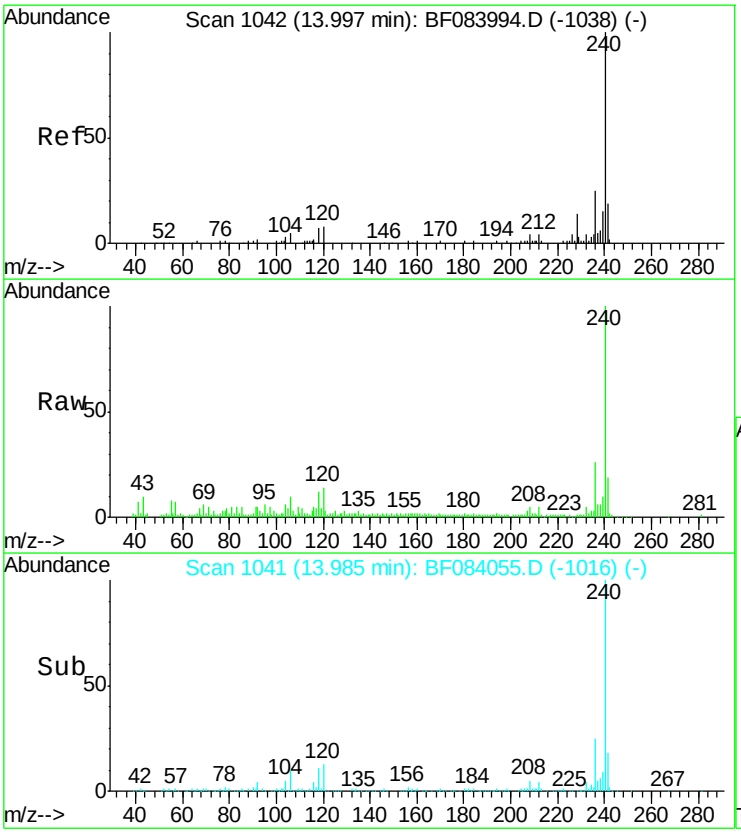
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:248 Resp: 6004

Ion	Ratio	Lower	Upper
248	100		
250	189.9	78.4	117.6#
141	550.6	44.0	66.0#

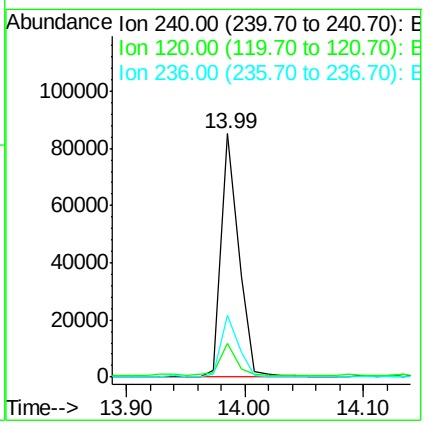


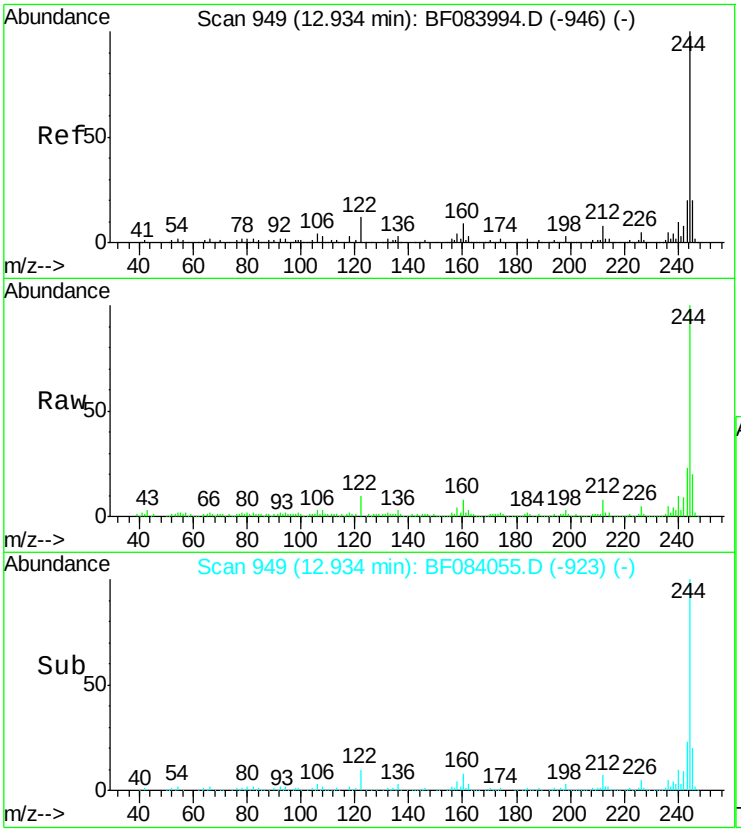


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:240 Resp: 87093

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.5	20.6	31.0



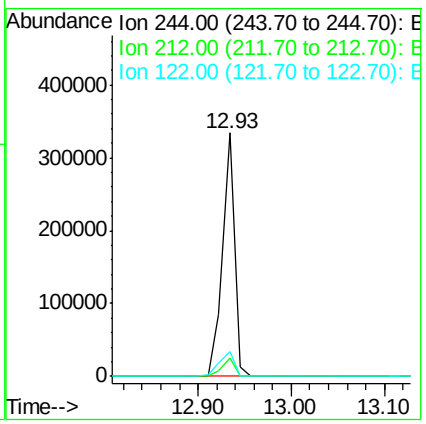


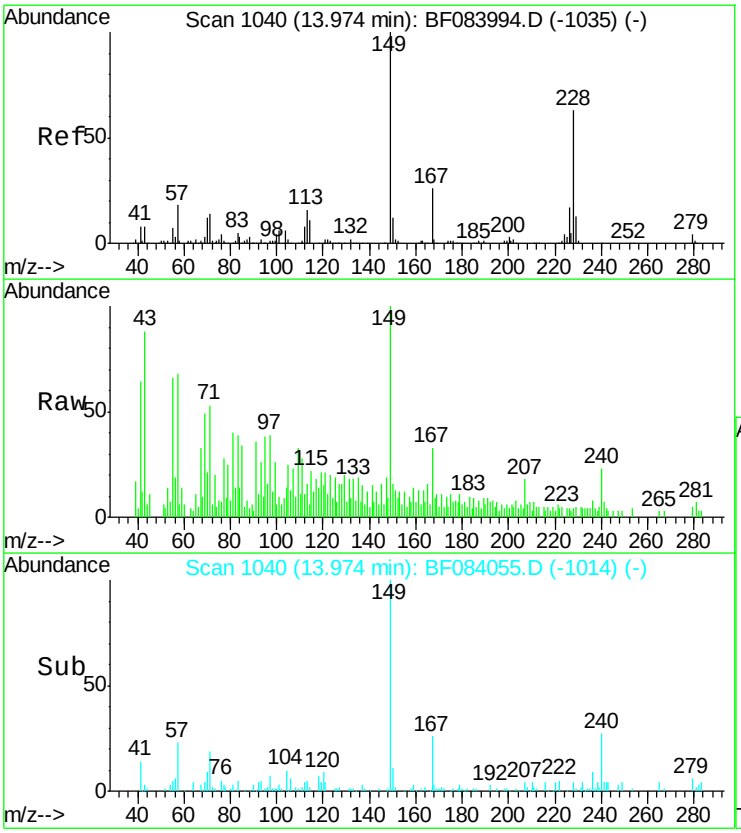
#78
Terphenyl-d14
Concen: 81.99 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 299416

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.3	7.4	11.0

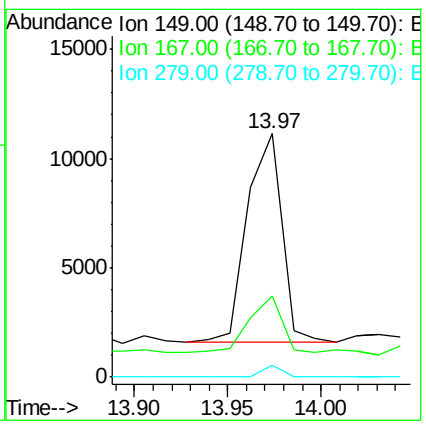


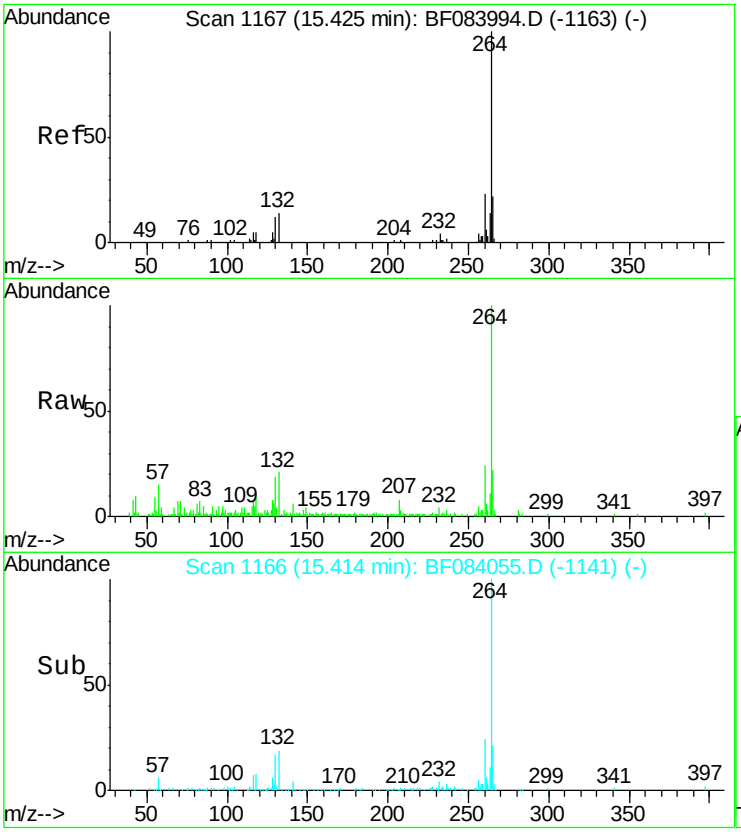


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.25 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Tgt Ion:149 Resp: 12253

Ion	Ratio	Lower	Upper
149	100		
167	33.1	19.7	29.5#
279	4.8	1.8	2.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084055.D
Acq: 24 Dec 2015 1:26

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:264 Resp: 83459

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	17.8	26.6