Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Time: Jun 06 01:18:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	127520	20.00	ng		0.01
21) Naphthalene-d8	8.16	136	48671	20.00	ng		0.01
38) Acenaphthene-d10	9.91	164	235968	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	434437	20.00	ng		0.00
75) Chrysene-d12	14.01	240	342178	20.00	ng		-0.01
86) Perylene-d12	15.44	264	263697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	151865	19.25	ng		0.01
7) Phenol-d6	6.49	99	332654	33.62	ng		0.00
23) Nitrobenzene-d5	7.44	82	863560	1026.54	ng		0.01
41) 2,4,6-Tribromophenol	10.70	330	337114	142.32	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1213533	76.44	ng		0.00
78) Terphenyl-d14	12.97	244	1118389	79.75	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	215715	32.25	ng	#	1
18) Hexachloroethane	7.42	117	238294	69.87	ng	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	112602	18.22	ng	#	78
22) Acetophenone	7.28	105	122472	111.10	ng	#	82
24) Nitrobenzene	7.50	77	32145	38.18	ng	#	3
25) Isophorone	7.44	82	665397	434.47	ng	#	65
27) 2,4-Dimethylphenol	7.84	122	4469	5.51	ng	#	82
28) bis(2-Chloroethoxy)methane	7.92	93	5642	5.81	ng	#	46
31) Naphthalene	8.34	128	29361578	12407.55	ng	#	91
32) Benzoic acid	7.92	122	17300	35.37	ng	#	1
33) 4-Chloroaniline	8.34	127	4927309	4793.29	ng	#	40
35) Caprolactam	8.60	113	5308	24.27	ng	#	5
36) 4-Chloro-3-methylphenol	8.64	107	1776	2.58	ng	#	1
37) 2-Methylnaphthalene	8.89	142	4629431	2962.44	ng	#	92
45) 1,1'-Biphenyl	9.34	154	1208735	63.12	ng		96
48) Acenaphthylene	9.77	152	1545718	65.02	ng		96
49) Dimethylphthalate	9.62	163	162934	9.50	ng		99
50) 2,6-Dinitrotoluene	9.60	165	14642	3.75	ng	#	75
51) Acenaphthene	9.93	154	280745	18.35	ng		99
54) Dibenzofuran	10.10	168	96187	4.62	ng	#	88
57) Fluorene	10.46	166	838703	51.52	ng		97
61) 4-Nitroaniline	10.44	138	8963	2.09	ng	#	31
64) 4,6-Dinitro-2-methylphenol	10.68	198	439	2.19	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	19162	4.45	ng	#	1
70) Phenanthrene	11.41	178	1028068	43.65	ng		100
71) Anthracene	11.45	178	137848	5.84	ng		98
72) Carbazole	11.61	167	215922	9.66	ng		98
74) Fluoranthene	12.61	202	70179	3.03	ng		94
77) Pyrene	12.81	202	86244	3.54	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C

Quant Time: Jun 06 01:18:39 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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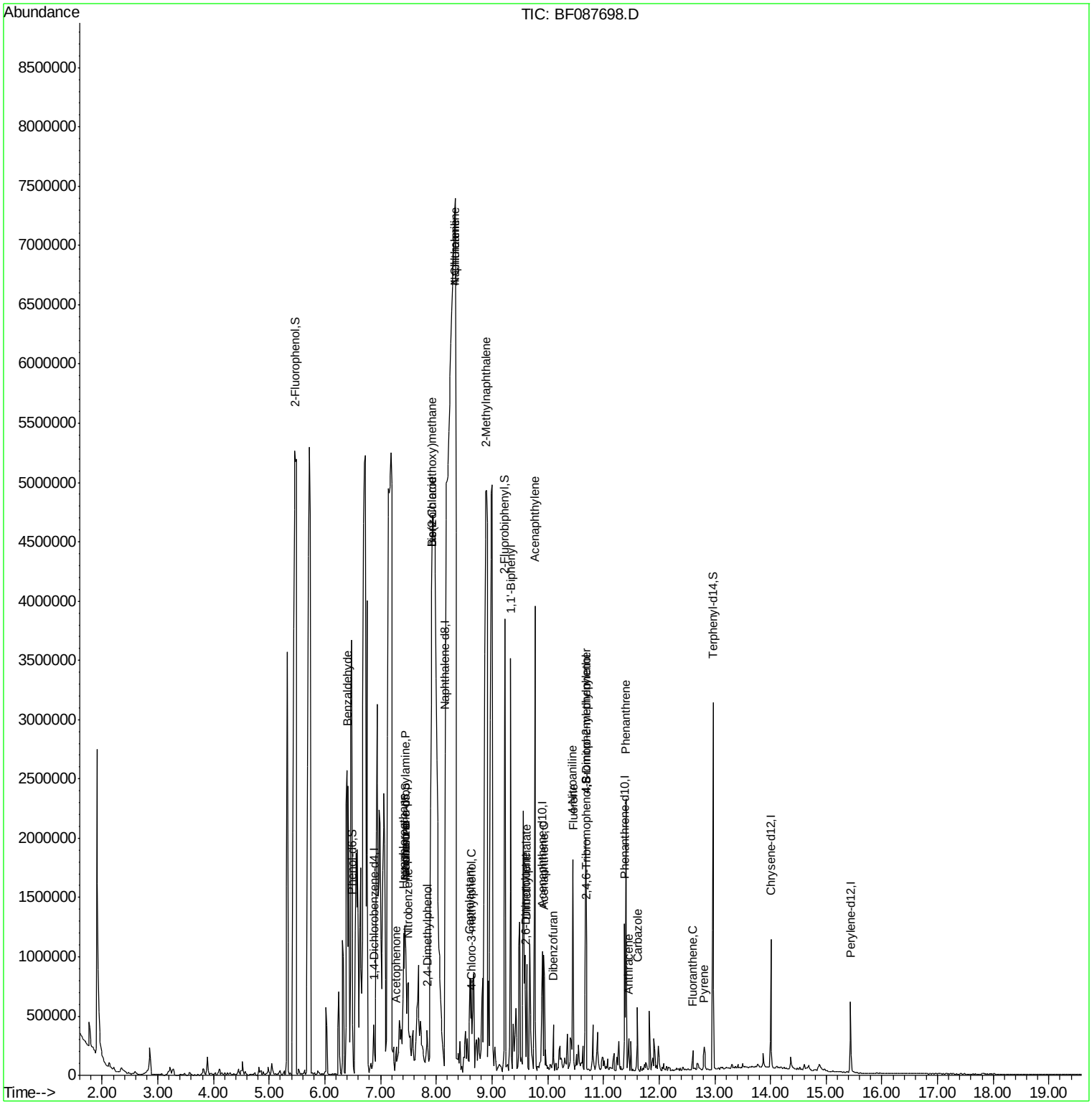
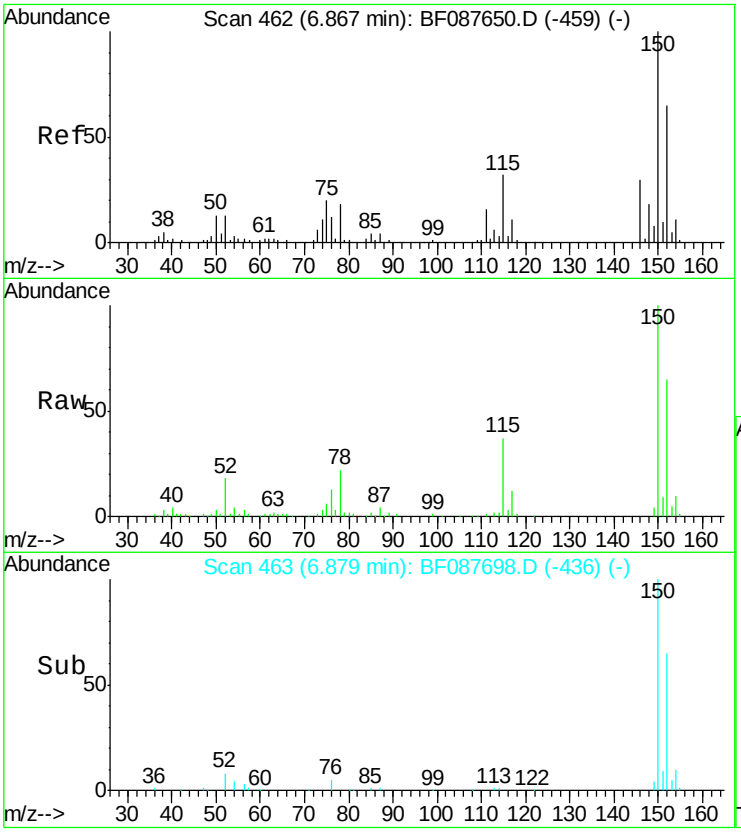


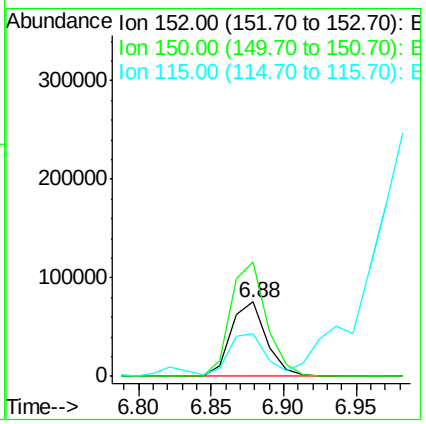


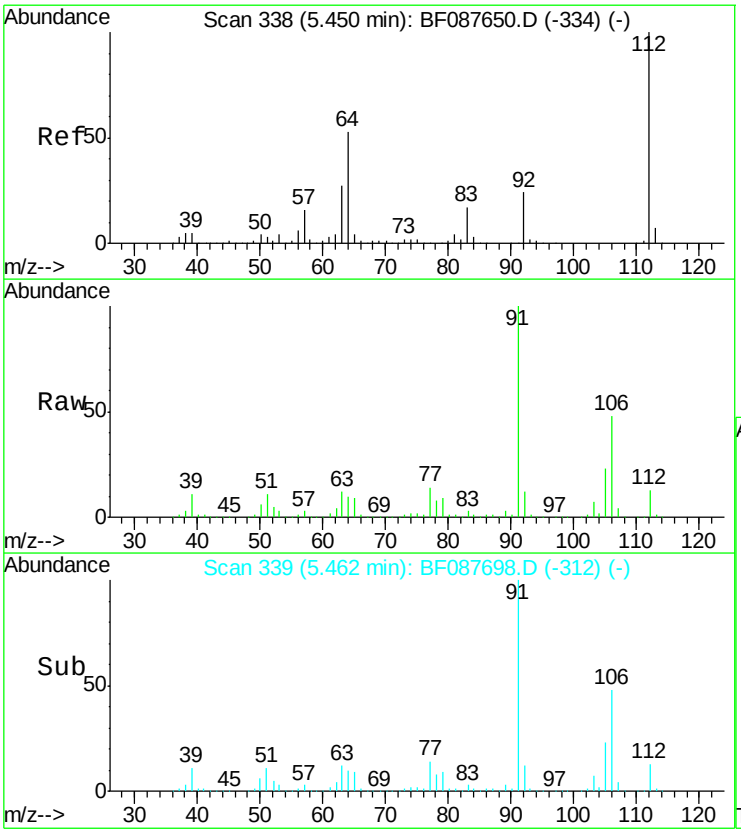
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:152 Resp: 127520

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	56.5	39.6	59.4

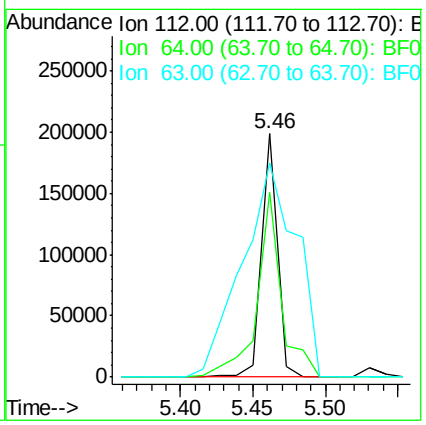


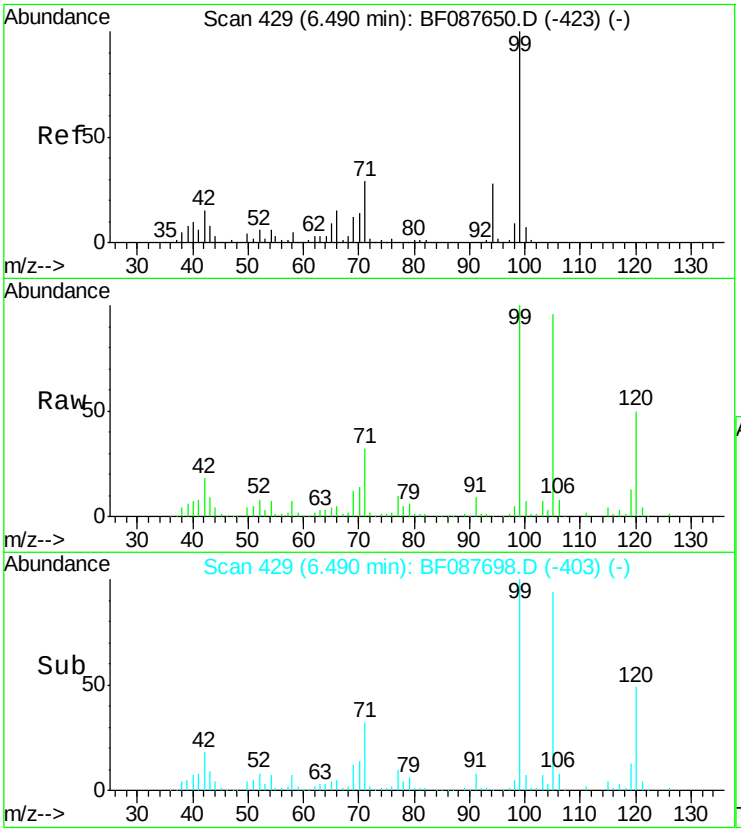


#5
2-Fluorophenol
Concen: 19.25 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:112 Resp: 151865

Ion	Ratio	Lower	Upper
112	100		
64	75.7	42.2	63.2#
63	88.2	21.8	32.8#



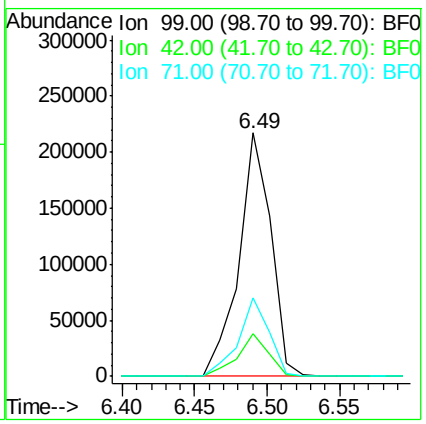


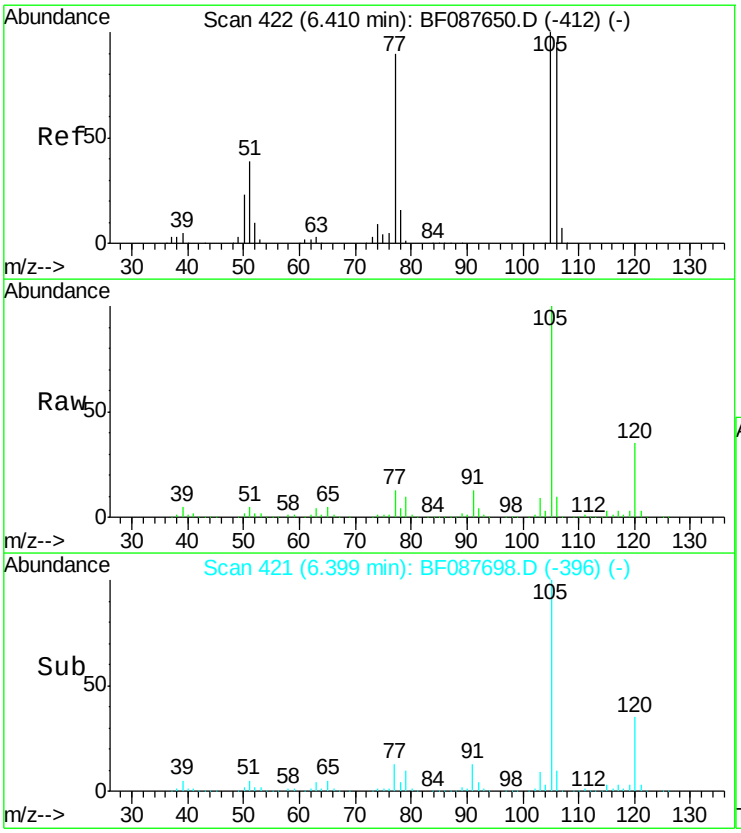
#7
Phenol-d6
Concen: 33.62 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 99 Resp: 332654

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	32.2	23.4	35.0

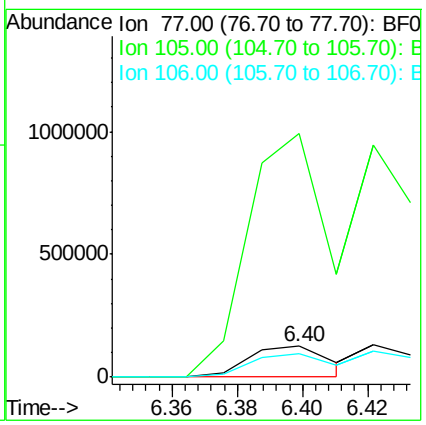


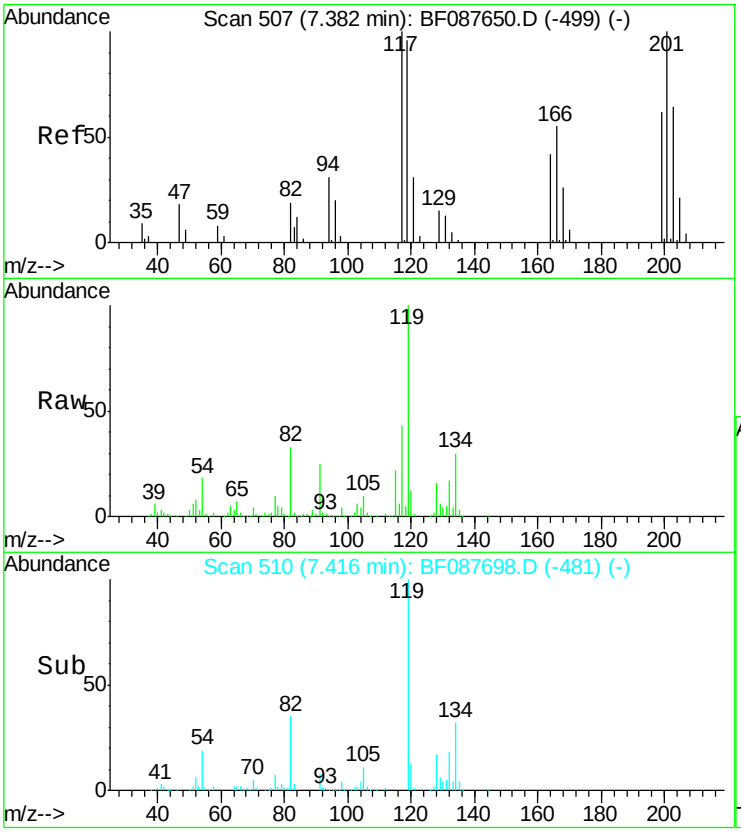


#9
Benzaldehyde
Concen: 32.25 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion: 77 Resp: 215715

Ion	Ratio	Lower	Upper
77	100		
105	795.7	90.6	130.6#
106	76.1	85.3	125.3#



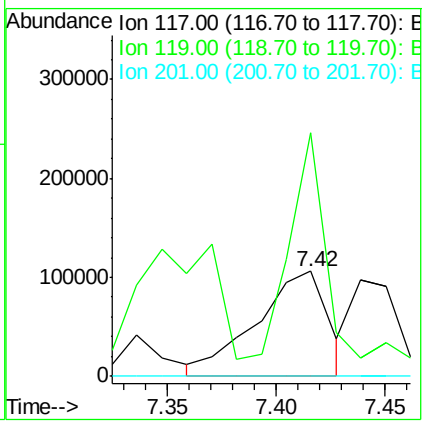


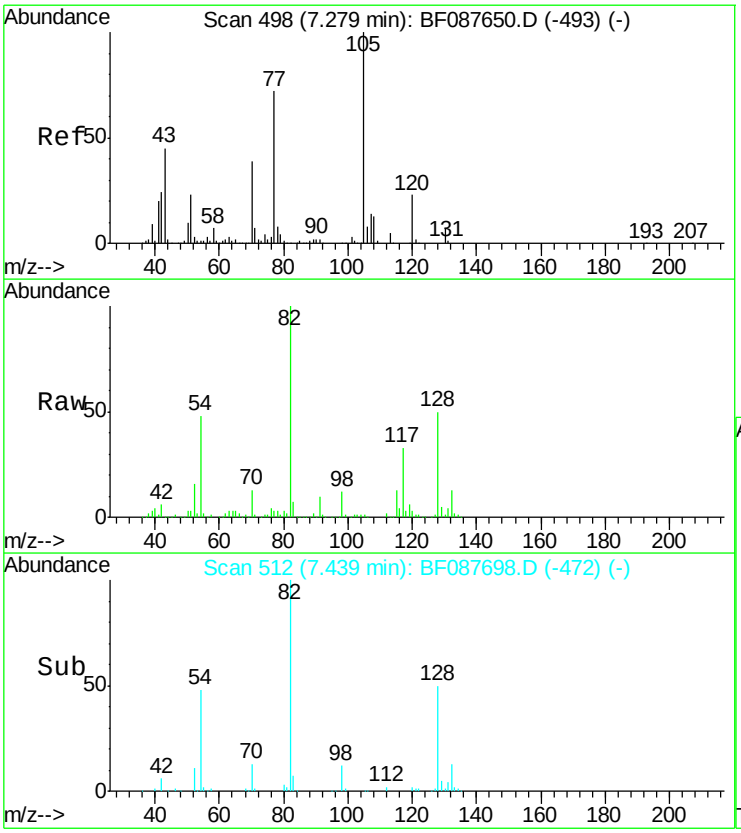
#18
Hexachloroethane
Concen: 69.87 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.03 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:117 Resp: 238294

Ion	Ratio	Lower	Upper
117	100		
119	231.6	77.4	116.2#
201	0.0	80.4	120.6#

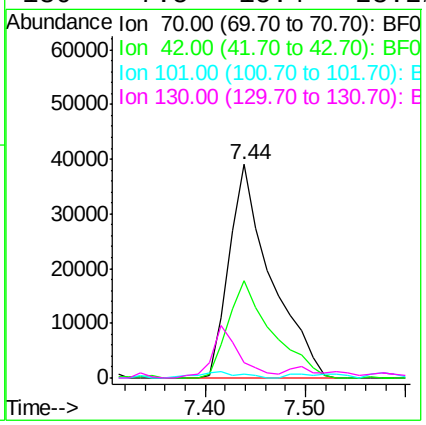


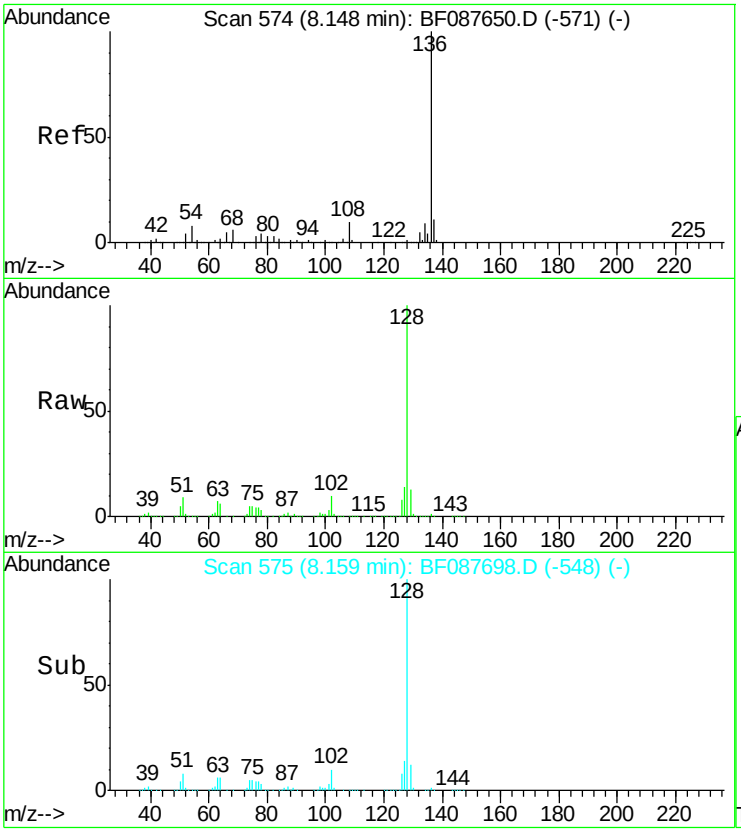


#19
n-Nitroso-di-n-propylamine
Concen: 18.22 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.16 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion: 70 Resp: 112602

Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.6	74.4#
101	1.5	7.1	10.7#
130	7.5	15.4	23.2#



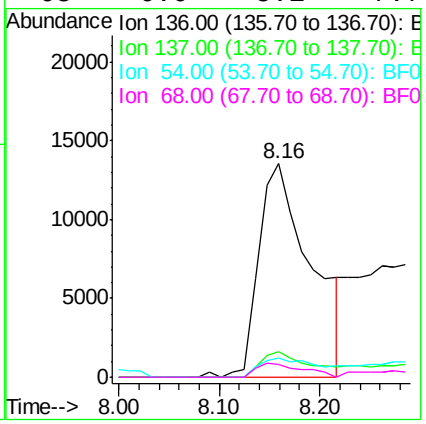


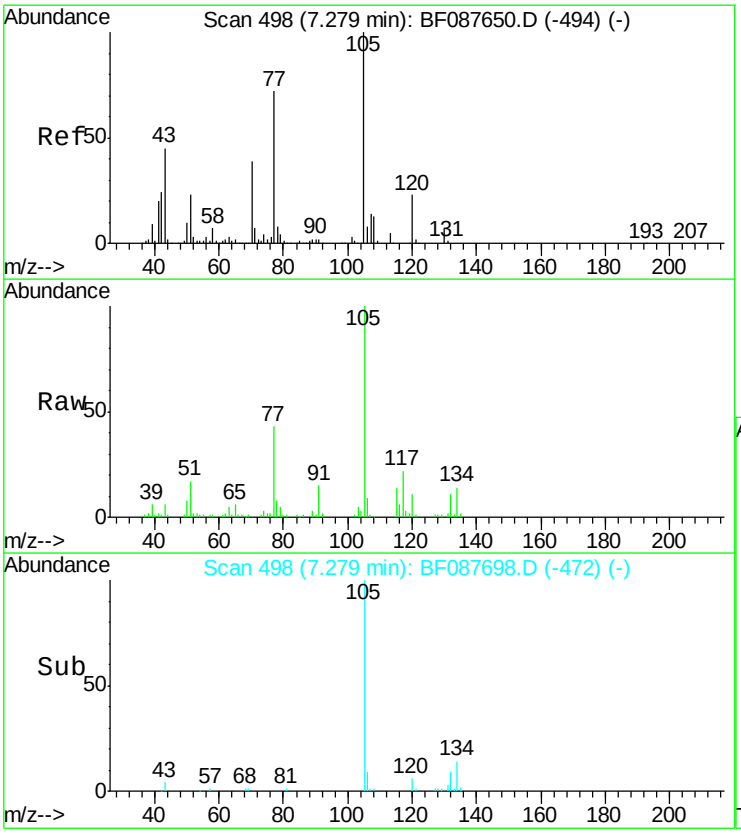
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:136 Resp: 48671

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	9.1	6.6	10.0
68	6.0	5.1	7.7

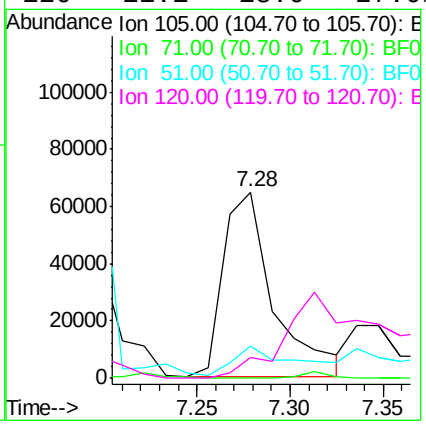


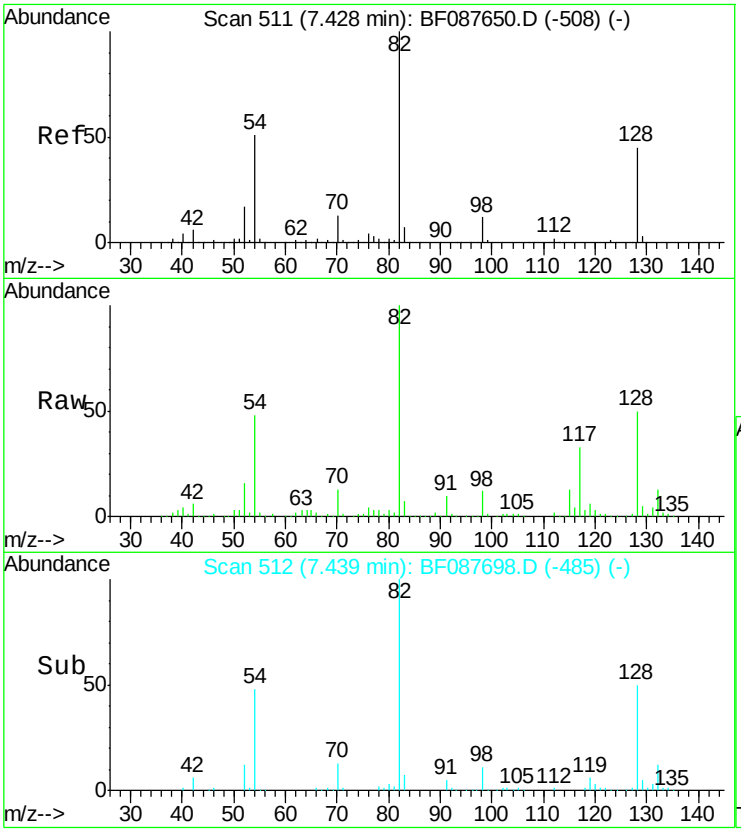


#22
Acetophenone
Concen: 111.10 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:105 Resp: 122472

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	17.3	18.2	27.4#
120	11.1	18.0	27.0#



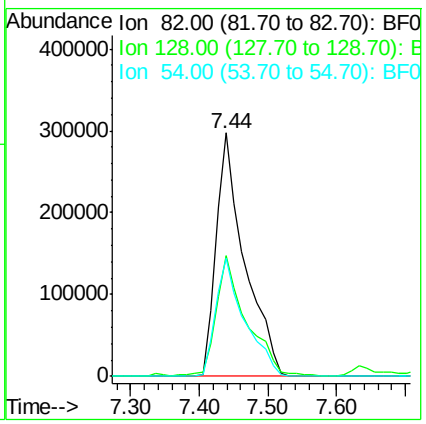


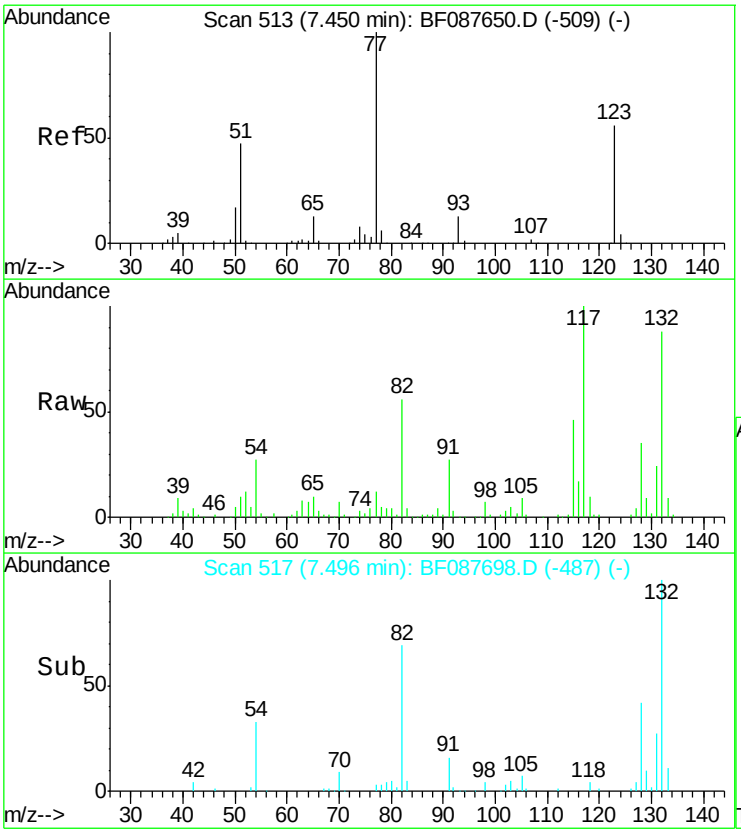
#23
Nitrobenzene-d5
Concen: 1026.54 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 82 Resp: 863560

Ion	Ratio	Lower	Upper
82	100		
128	49.8	35.9	53.9
54	48.5	40.9	61.3

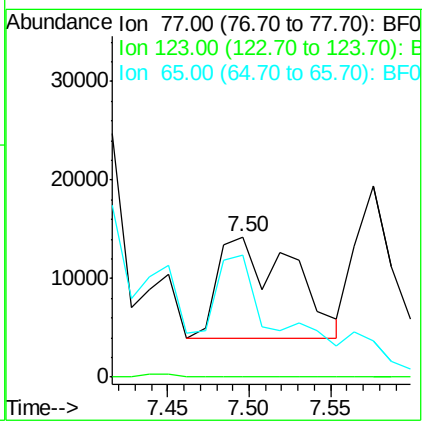


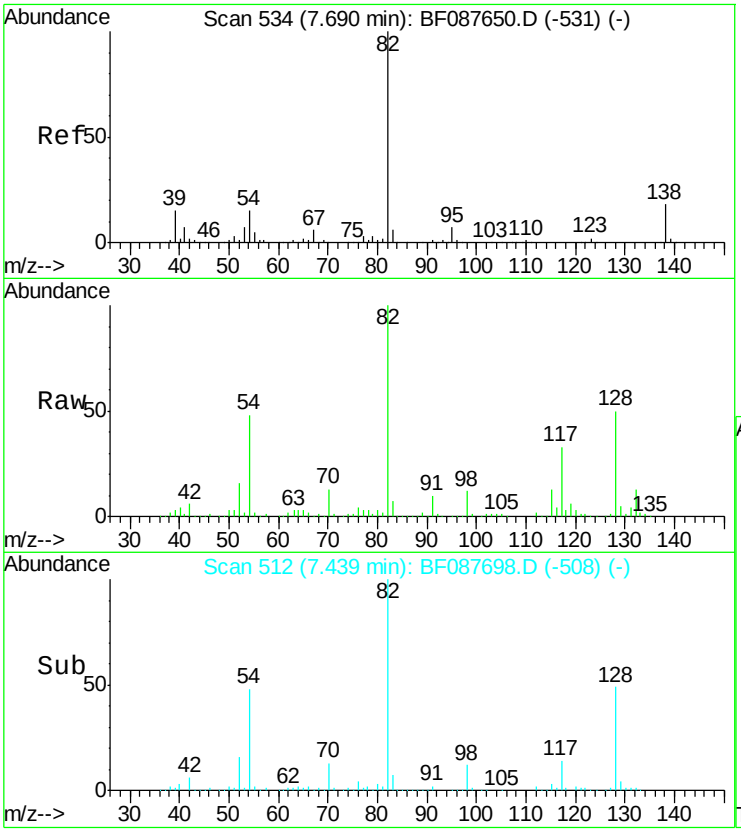


#24
Nitrobenzene
Concen: 38.18 ng
RT: 7.50 min Scan# 517
Delta R.T. 0.05 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion: 77 Resp: 32145

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	87.2	10.2	15.2#



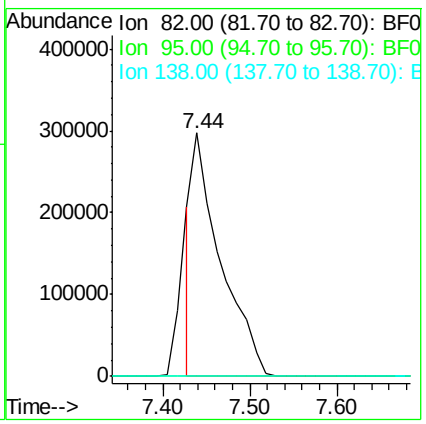


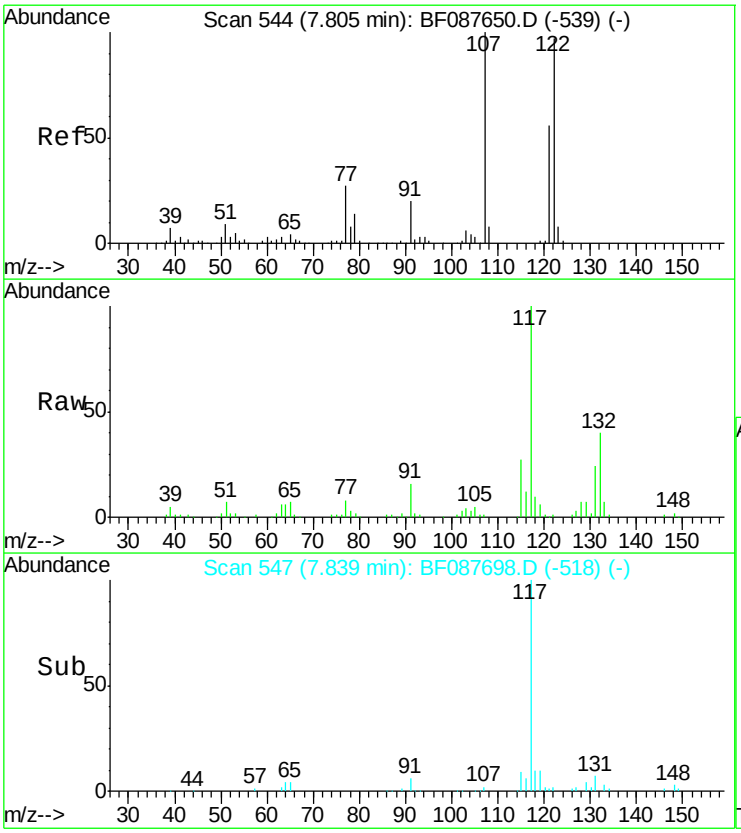
#25
Isophorone
Concen: 434.47 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.25 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 82 Resp: 665397

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	21.8#

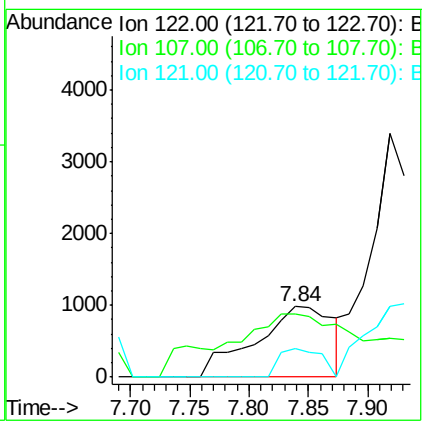


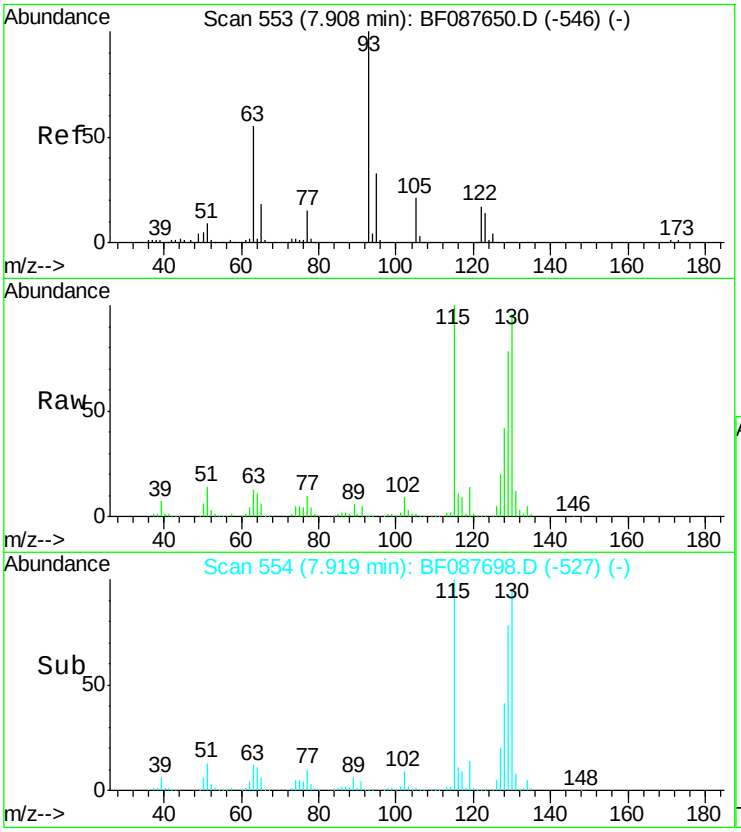


#27
2,4-Dimethylphenol
Concen: 5.51 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.03 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:122 Resp: 4469

Ion	Ratio	Lower	Upper
122	100		
107	88.4	82.4	123.6
121	39.6	46.3	69.5#



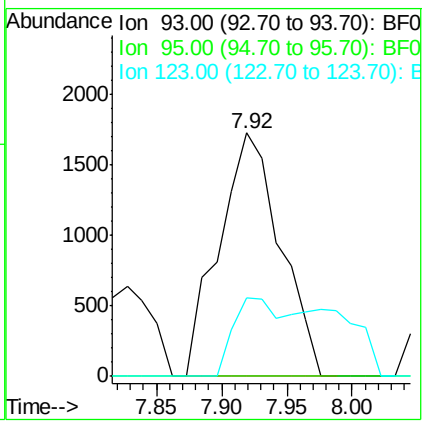


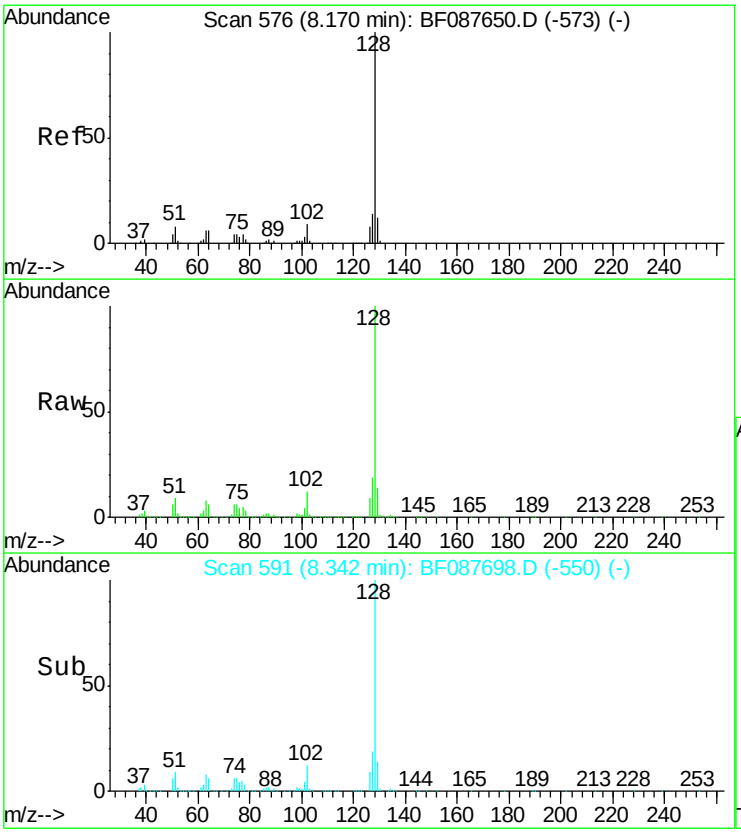
#28
bis(2-Chloroethoxy)methane
Concen: 5.81 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion: 93 Resp: 5642

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.5	39.7#
123	32.5	11.6	17.4#

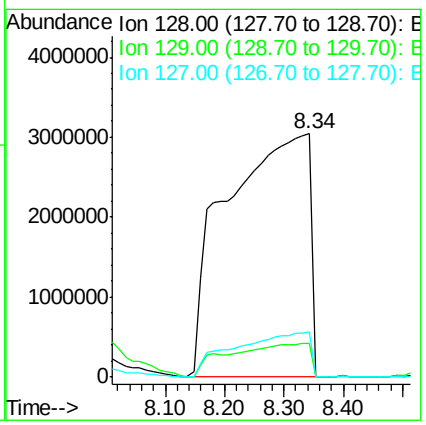


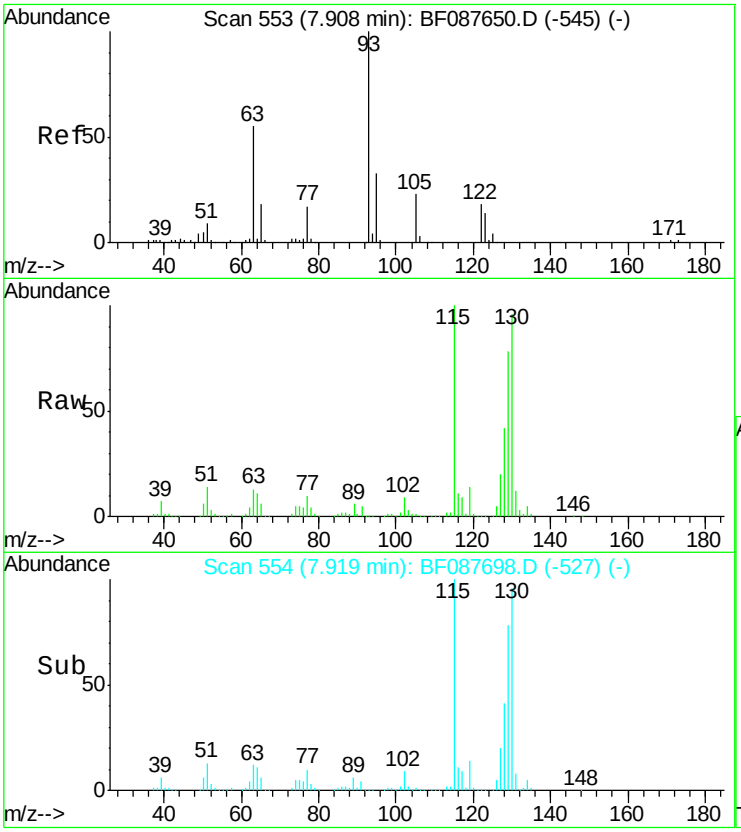


#31
Naphthalene
Concen: 12407.55 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.17 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:128 Resp:29361578

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.4	14.2
127	18.6	10.9	16.3#



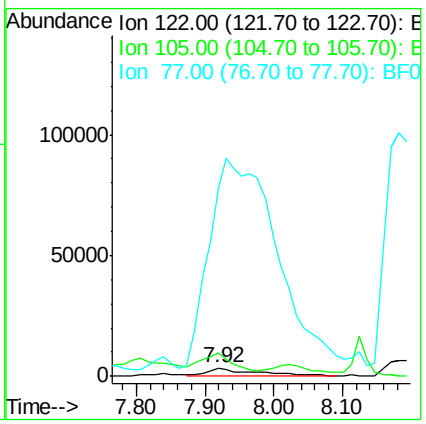


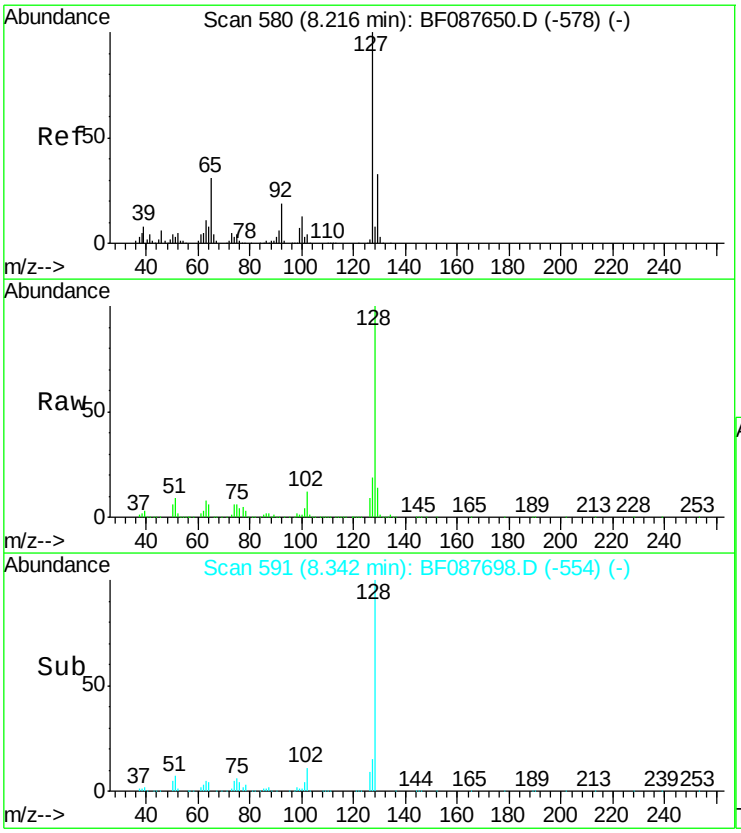
#32
Benzoic acid
Concen: 35.37 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:122 Resp: 17300

Ion	Ratio	Lower	Upper
122	100		
105	289.1	101.6	141.6#
77	2303.3	70.6	110.6#

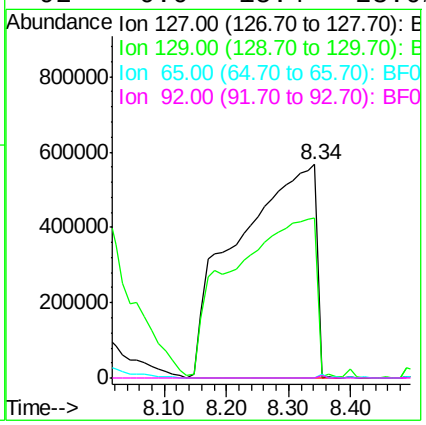


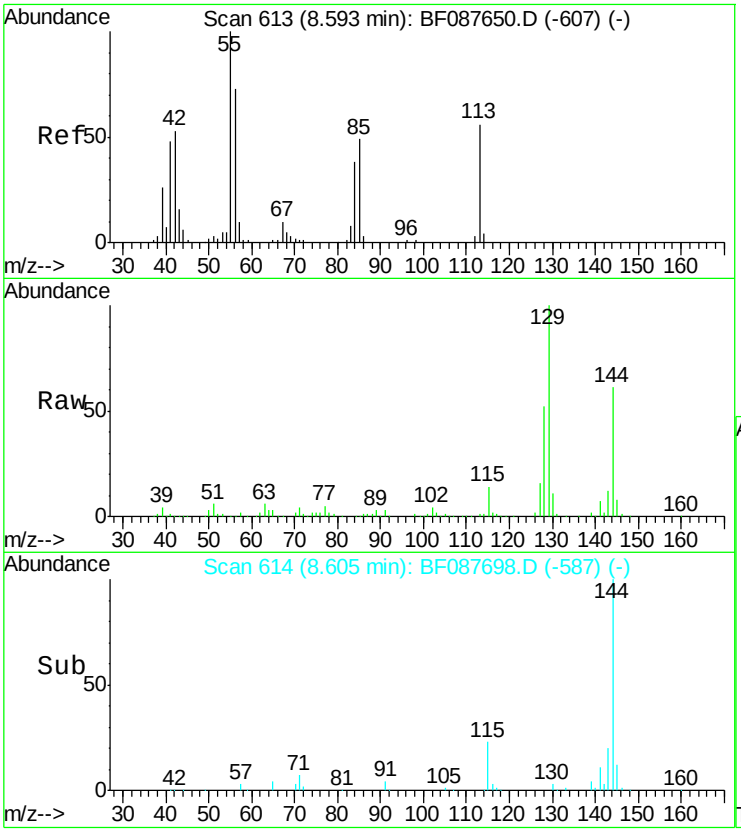


#33
4-Chloroaniline
Concen: 4793.29 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.13 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:127 Resp: 4927309

Ion	Ratio	Lower	Upper
127	100		
129	74.6	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



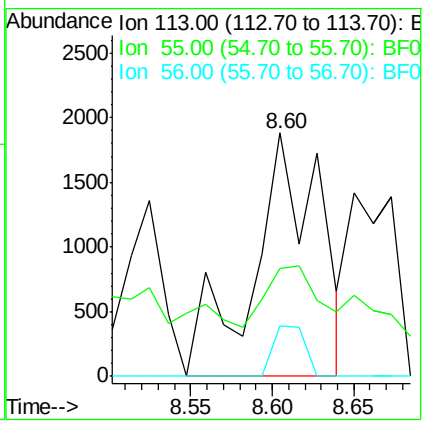


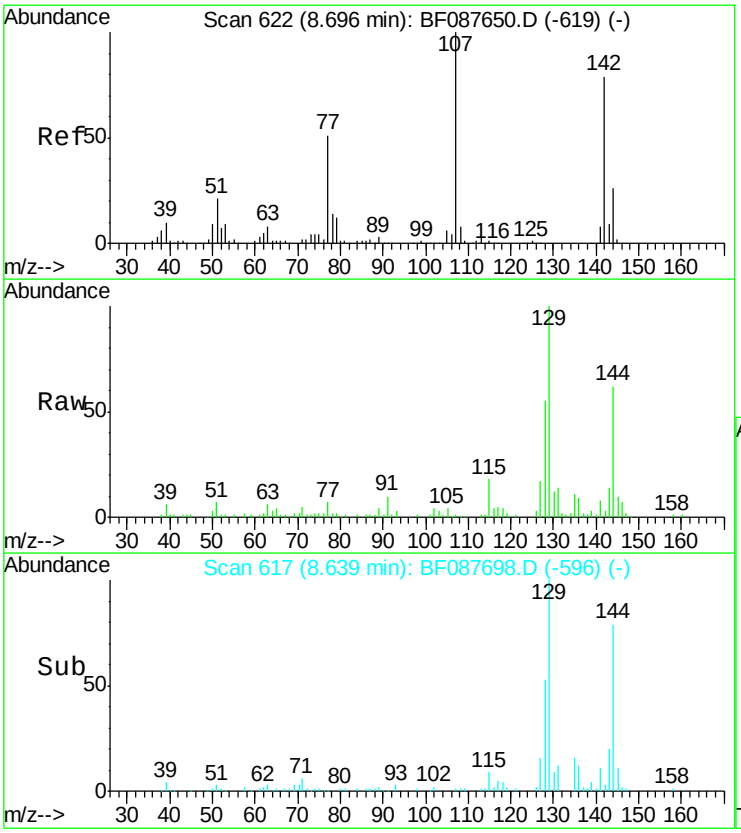
#35
Caprolactam
Concen: 24.27 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:113 Resp: 5308

Ion	Ratio	Lower	Upper
113	100		
55	44.2	158.6	198.6#
56	20.8	110.6	150.6#

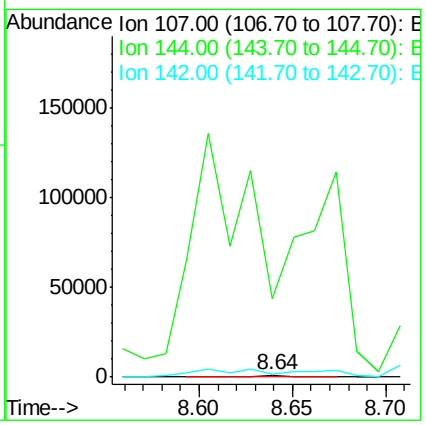


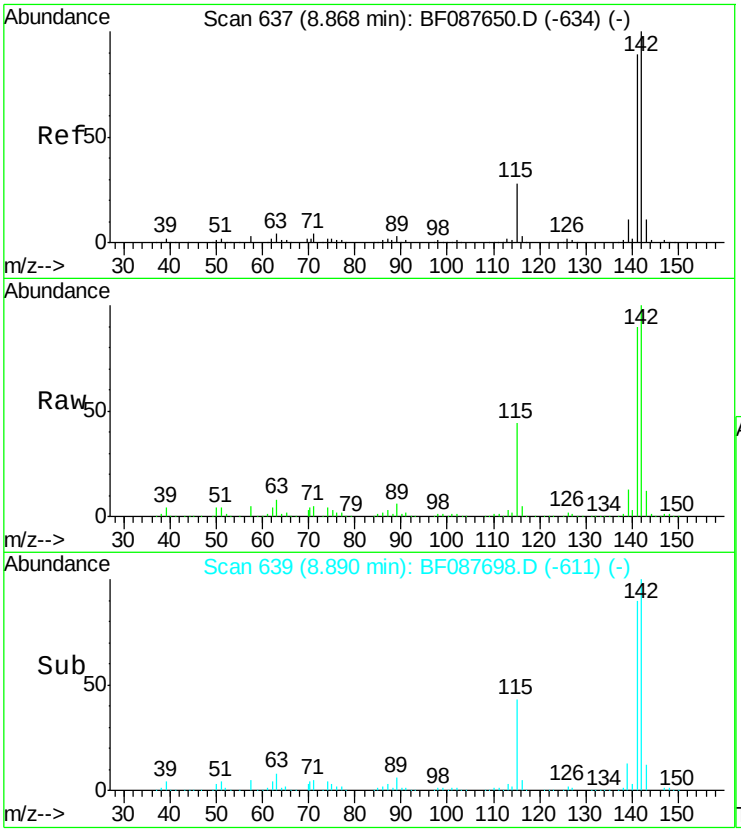


#36
4-Chloro-3-methylphenol
Concen: 2.58 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.06 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:107 Resp: 1776

Ion	Ratio	Lower	Upper
107	100		
144	4566.2	20.8	31.2#
142	194.2	63.4	95.2#



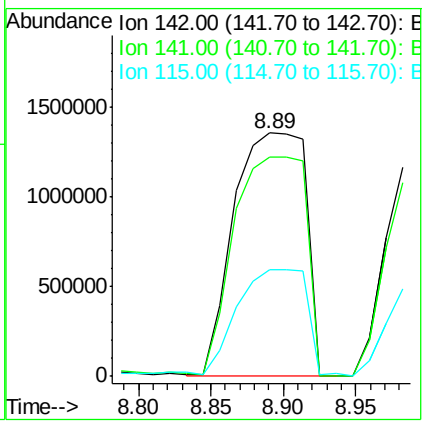


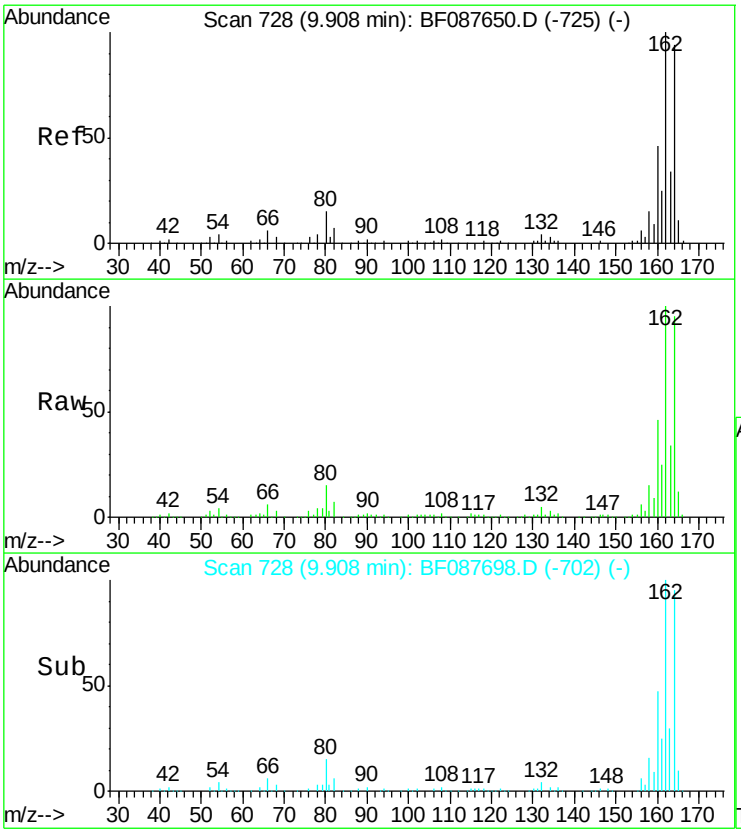
#37
2-Methylnaphthalene
Concen: 2962.44 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:142 Resp: 4629431

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	43.7	22.6	33.8#

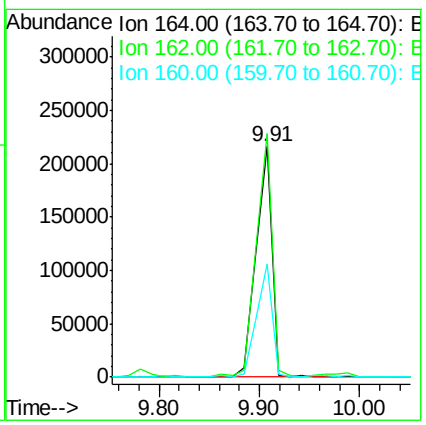


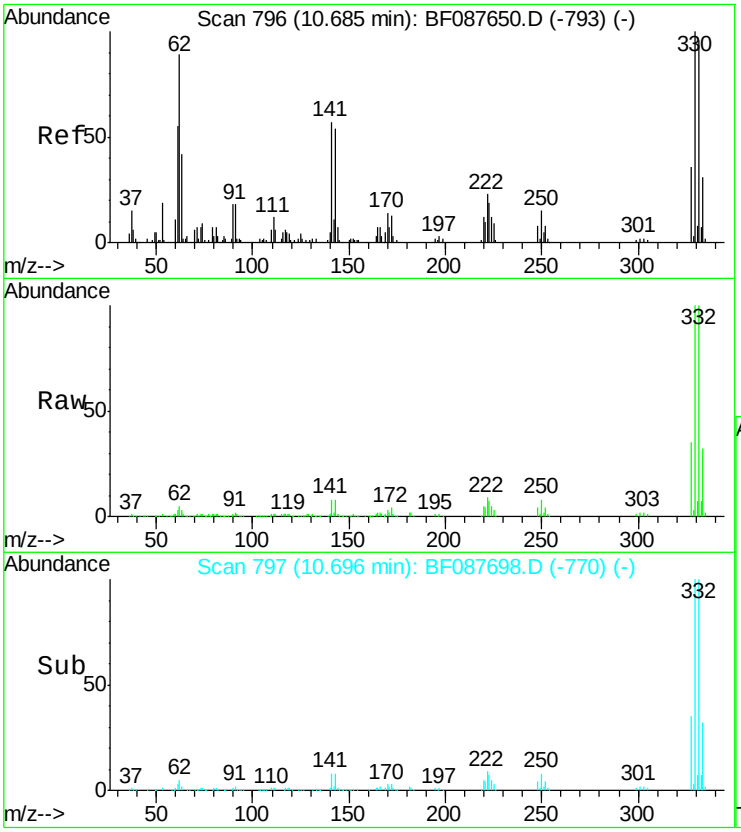


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:164 Resp: 235968

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	49.0	39.5	59.3



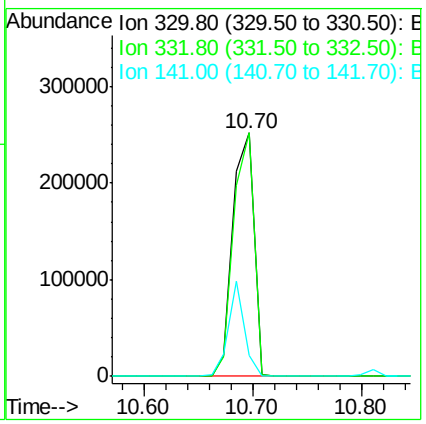


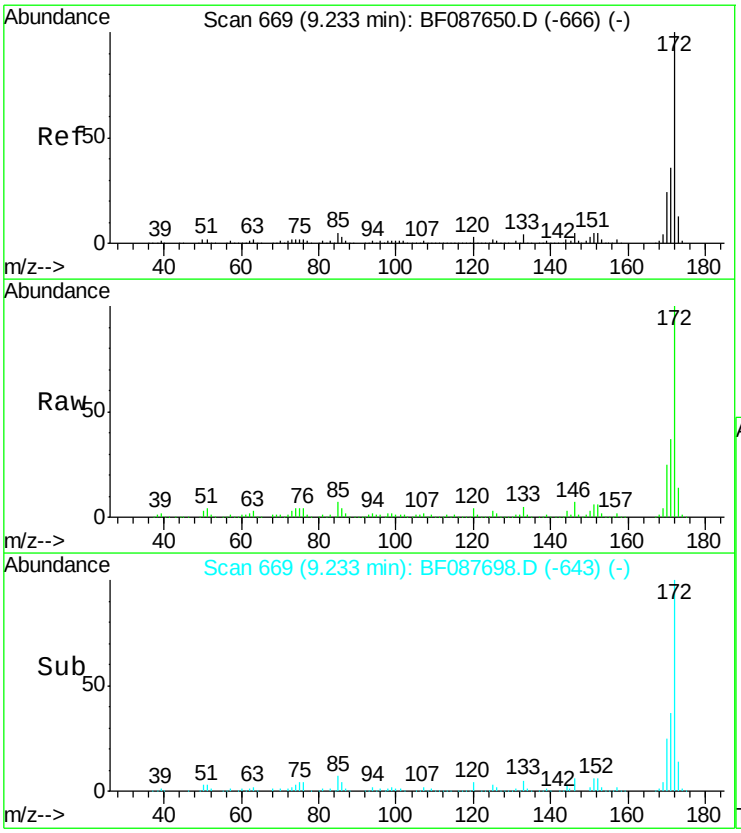
#41
2,4,6-Tribromophenol
Concen: 142.32 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:330 Resp: 337114

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	29.4	0.0	0.0#

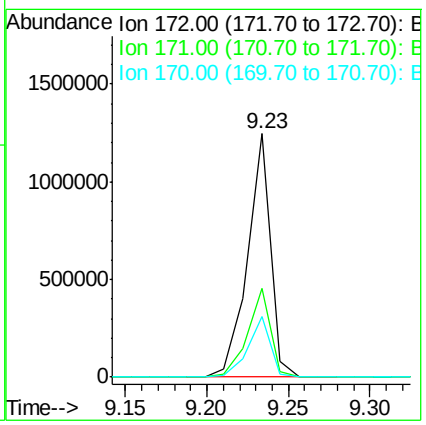


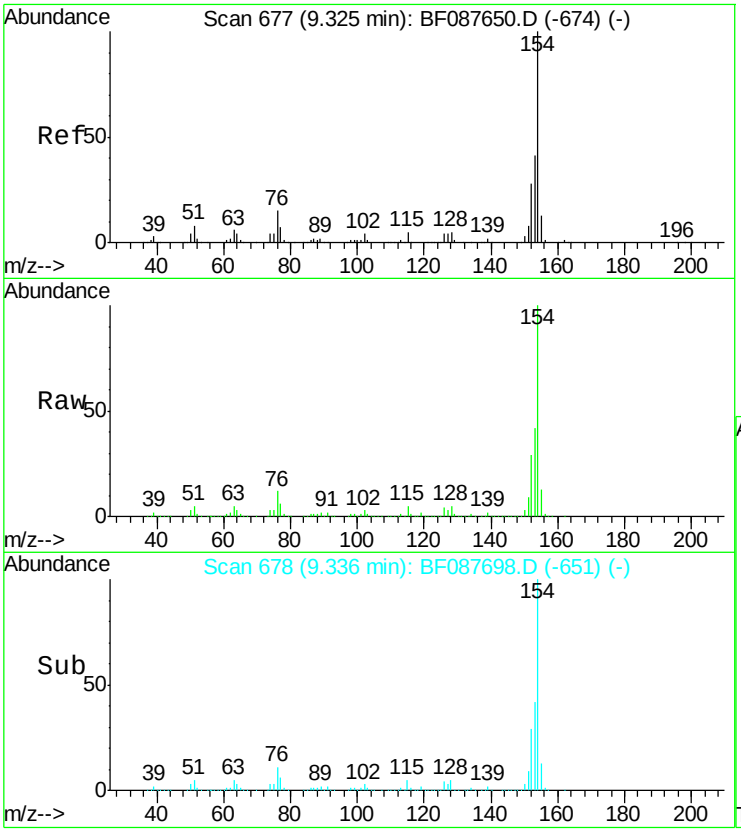


#44
2-Fluorobiphenyl
Concen: 76.44 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:172 Resp: 1213533

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.8	19.2	28.8



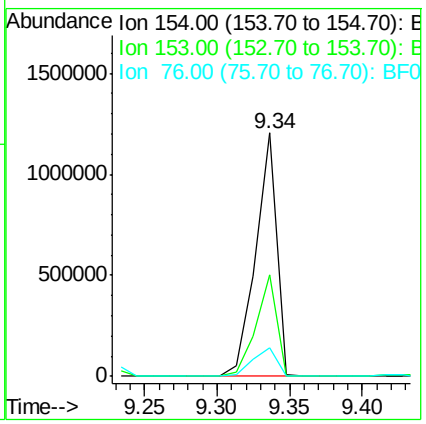


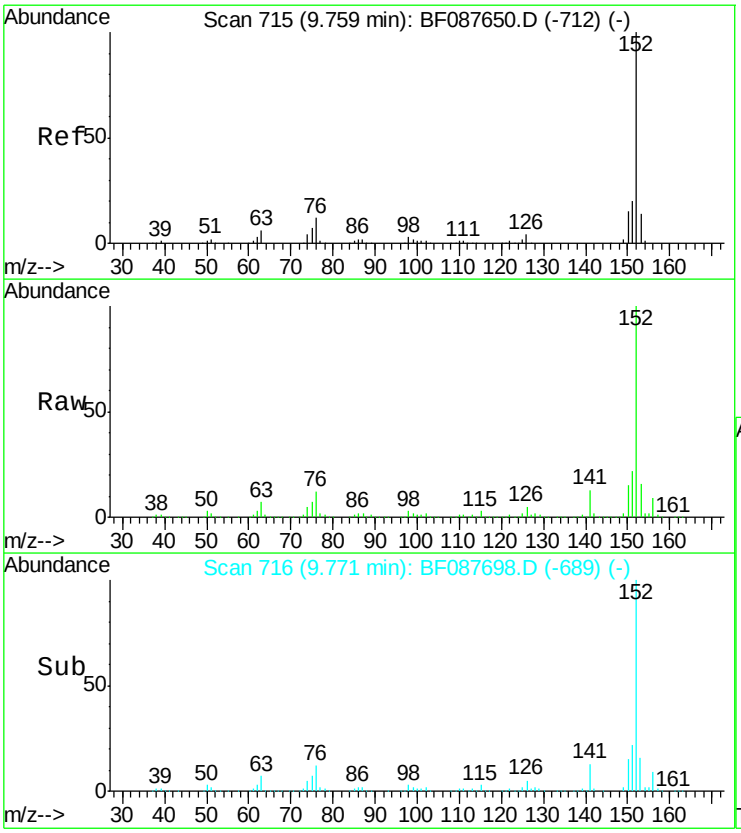
#45
1,1'-Biphenyl
Concen: 63.12 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:154 Resp: 1208735

Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.6	60.6
76	11.5	0.0	35.1

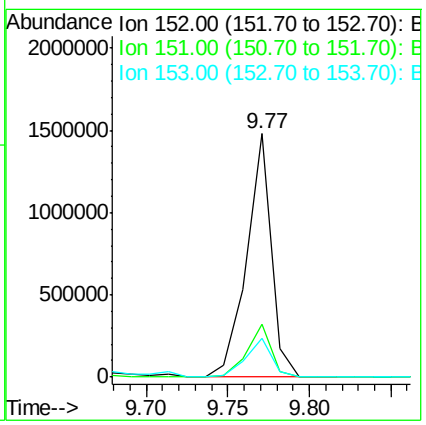


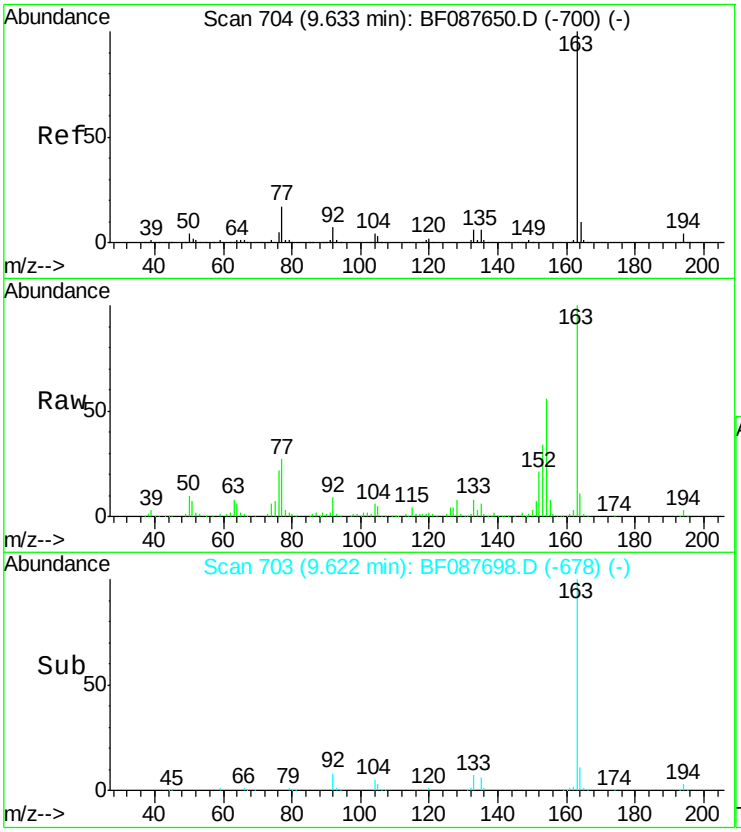


#48
Acenaphthylene
Concen: 65.02 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:152 Resp: 1545718

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.4
153	16.1	11.0	16.6



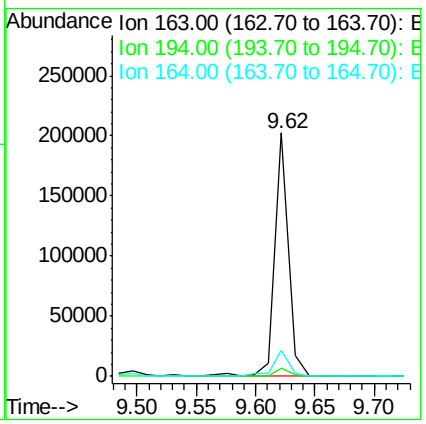


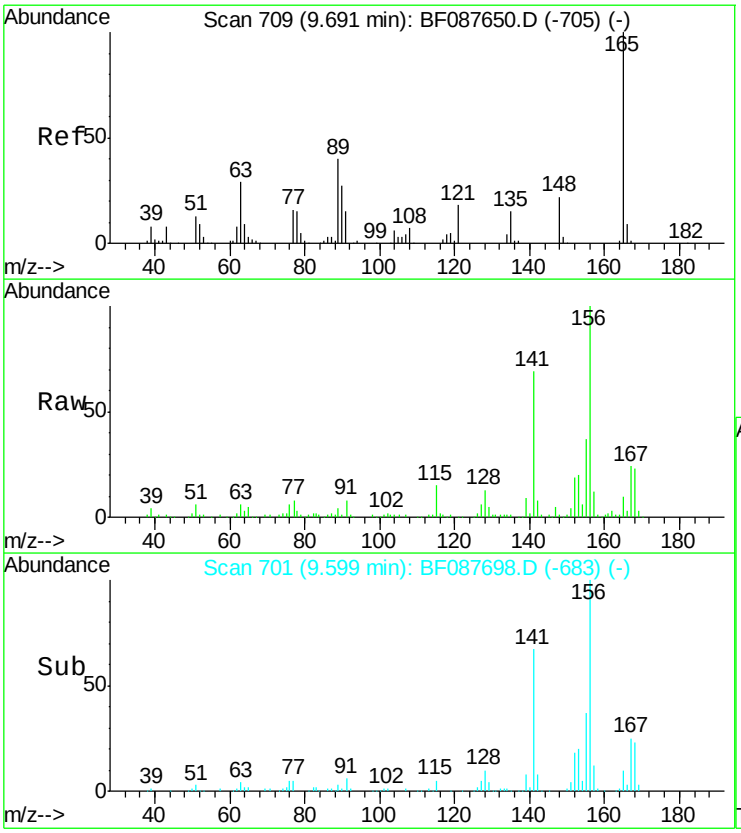
#49
Dimethylphthalate
Concen: 9.50 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:163 Resp: 162934

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.9	8.3	12.5

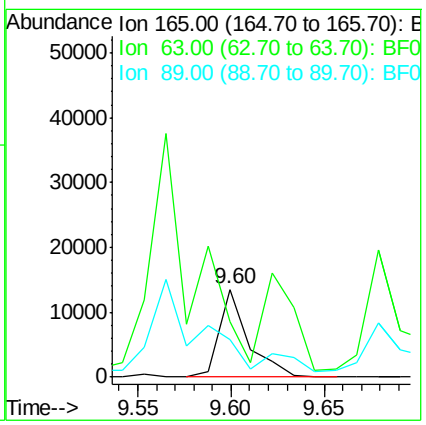


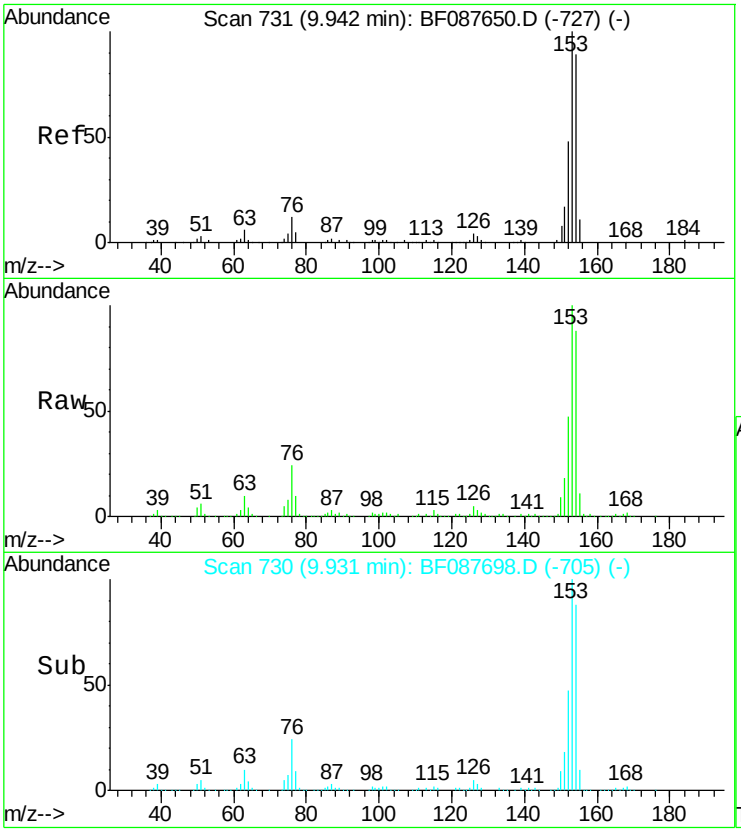


#50
2,6-Dinitrotoluene
Concen: 3.75 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:165 Resp: 14642

Ion	Ratio	Lower	Upper
165	100		
63	62.7	28.1	42.1#
89	43.4	32.2	48.2



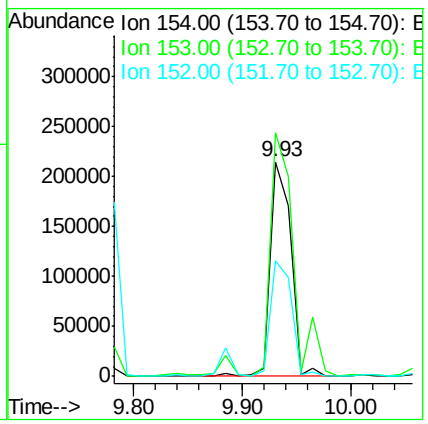


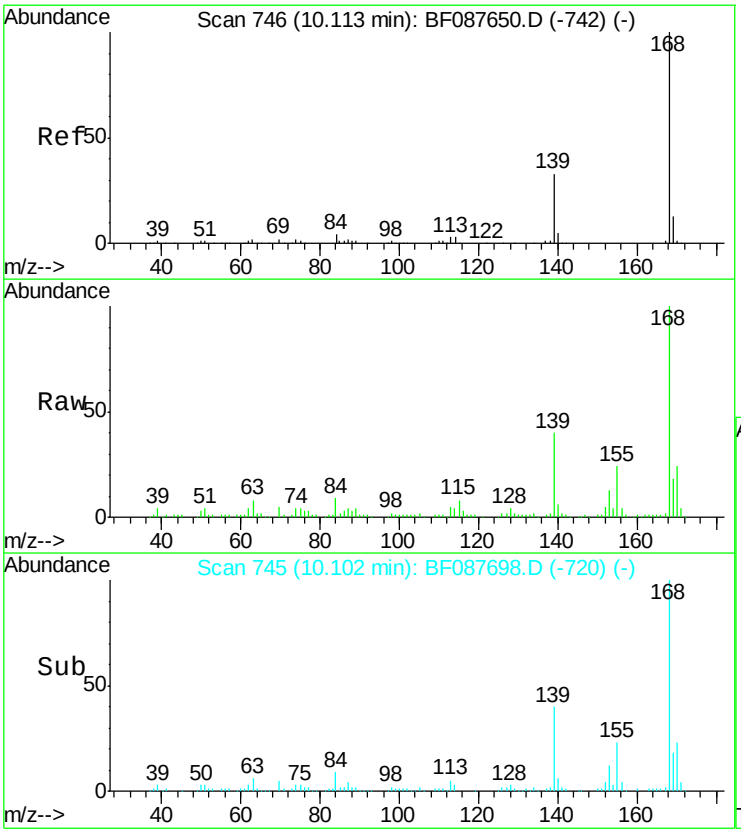
#51
Acenaphthene
Concen: 18.35 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:154 Resp: 280745

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.5	134.3
152	53.9	42.7	64.1

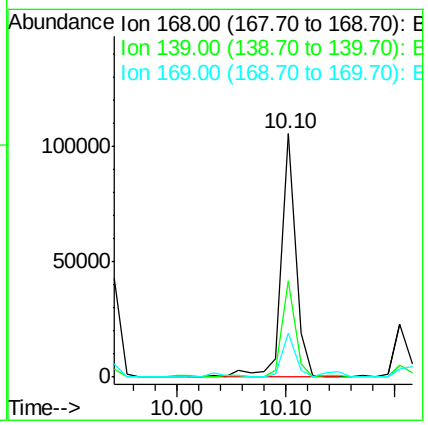


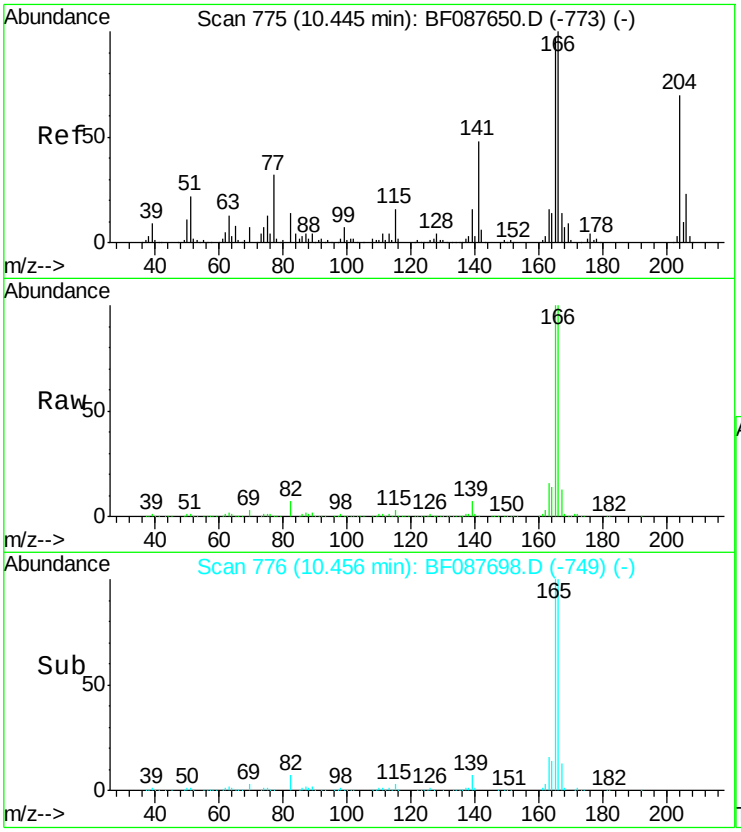


#54
Dibenzofuran
Concen: 4.62 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:168 Resp: 96187

Ion	Ratio	Lower	Upper
168	100		
139	39.7	26.4	39.6#
169	17.9	10.4	15.6#



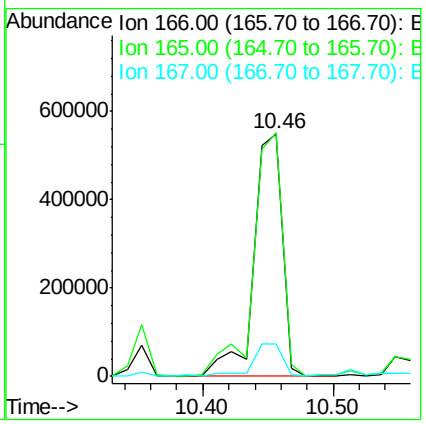


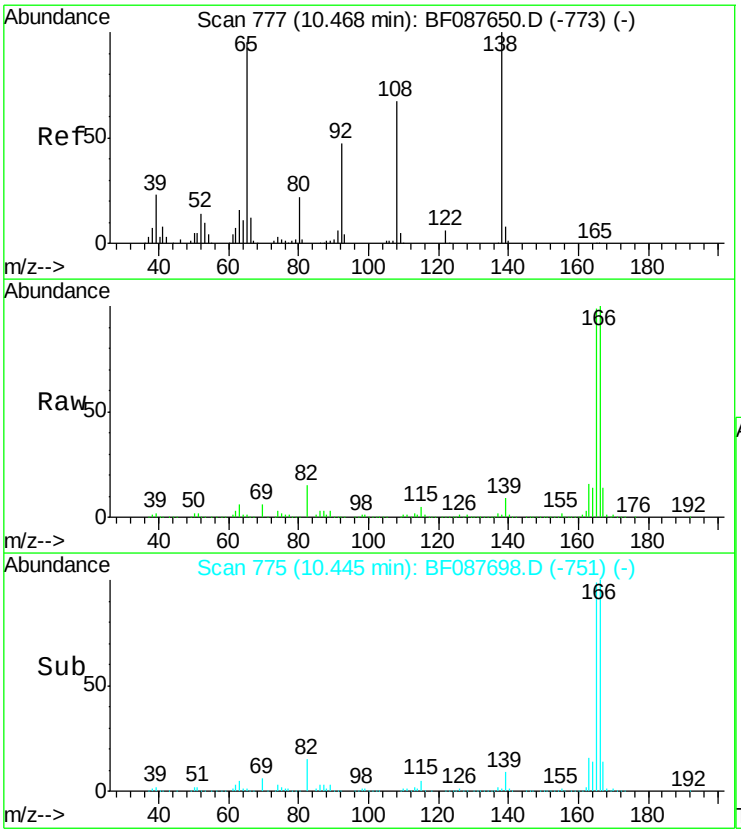
#57
Fluorene
Concen: 51.52 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:166 Resp: 838703

Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.8	116.8
167	13.3	11.2	16.8

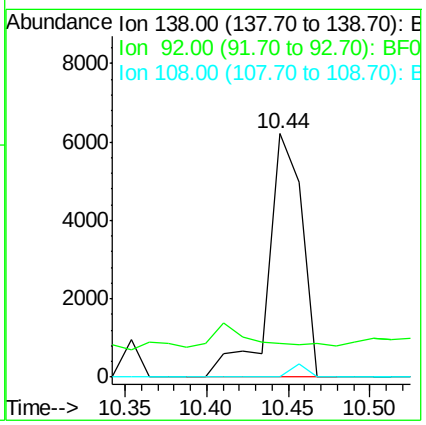


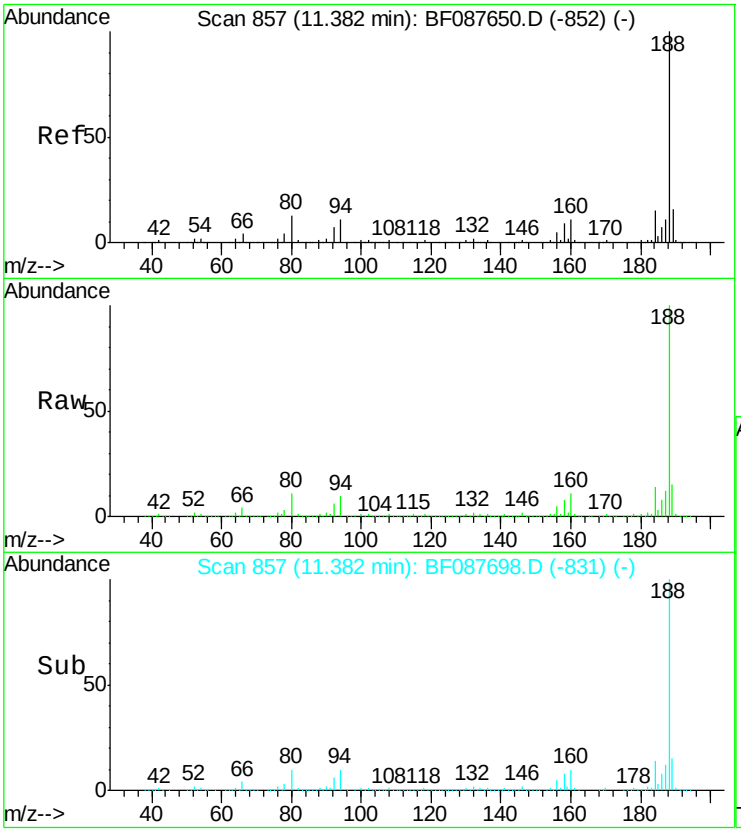


#61
4-Nitroaniline
Concen: 2.09 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:138 Resp: 8963

Ion	Ratio	Lower	Upper
138	100		
92	14.0	27.3	67.3#
108	0.0	46.7	86.7#



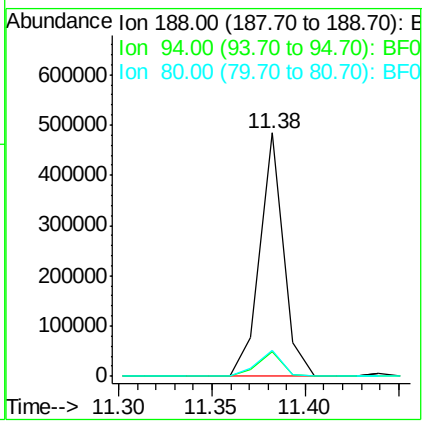


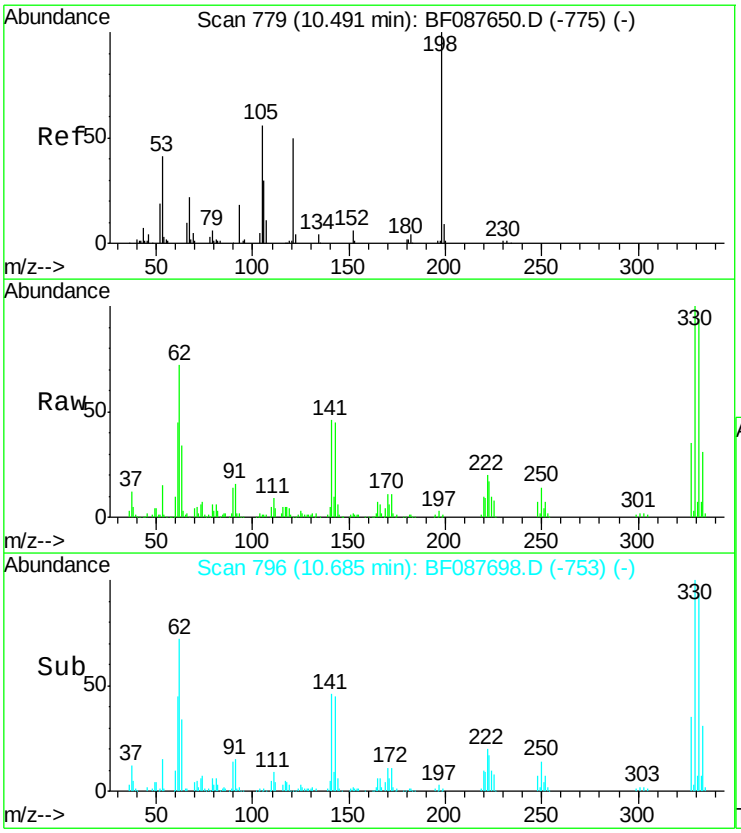
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:188 Resp: 434437

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.6
80	10.8	10.0	15.0

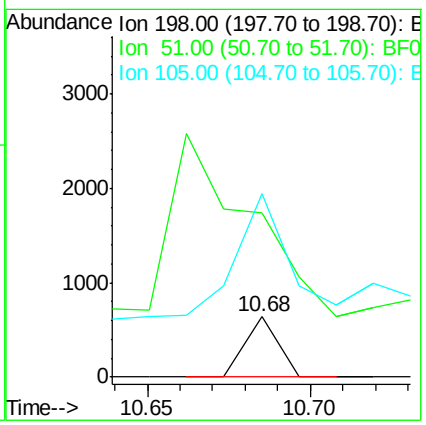


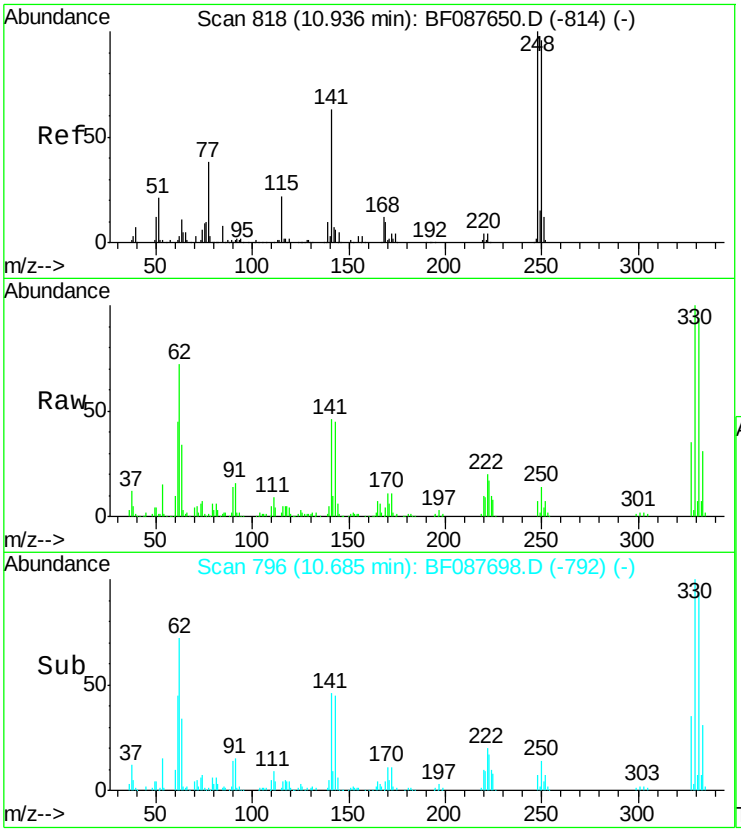


#64
4,6-Dinitro-2-methylphenol
Concen: 2.19 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:198 Resp: 439

Ion	Ratio	Lower	Upper
198	100		
51	271.9	39.6	79.6#
105	303.9	36.6	76.6#



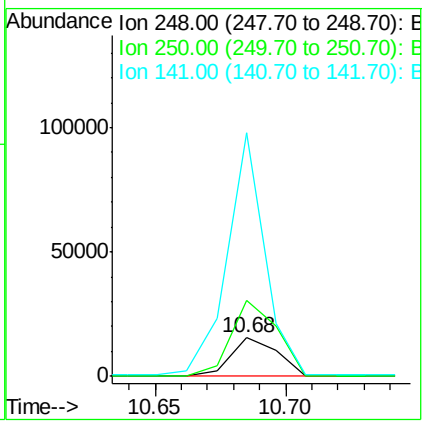


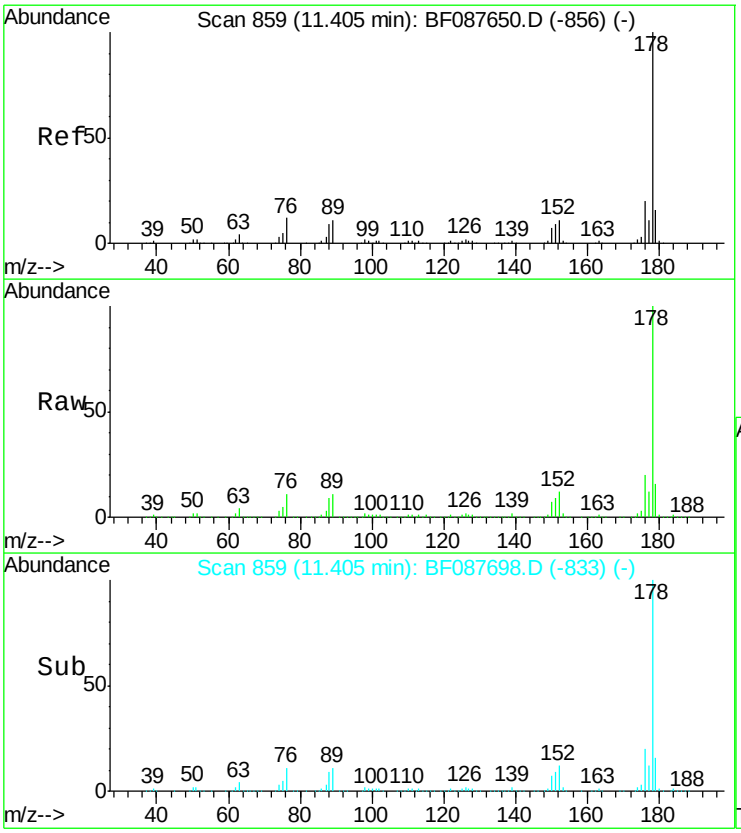
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:248 Resp: 19162

Ion	Ratio	Lower	Upper
248	100		
250	198.1	77.1	115.7#
141	633.9	50.6	76.0#

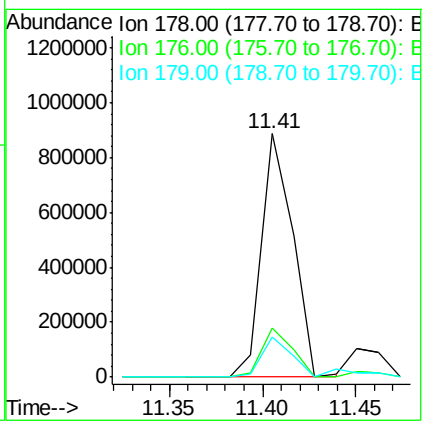


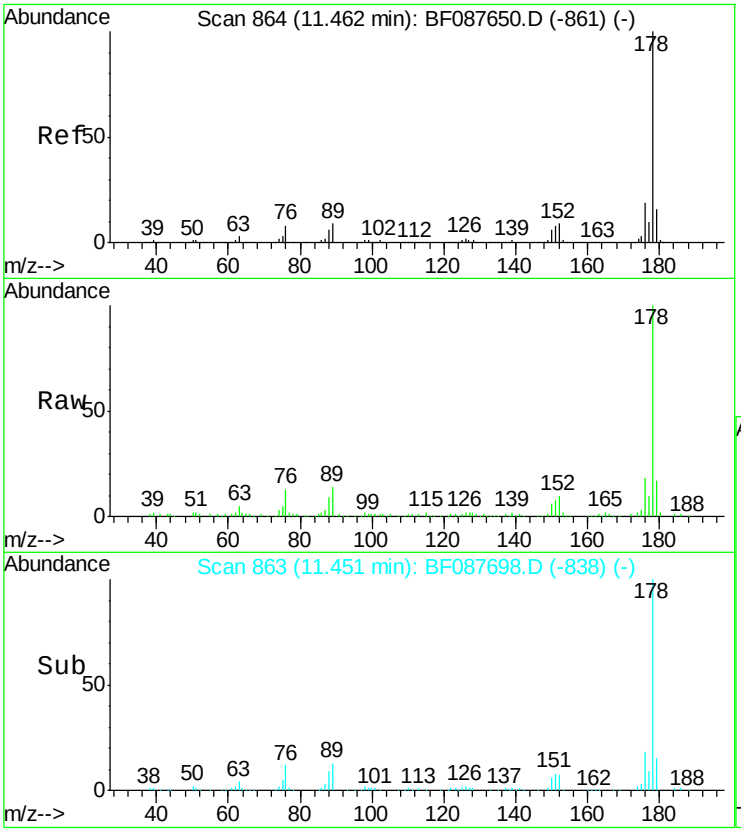


#70
Phenanthrene
Concen: 43.65 ng
RT: 11.41 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:178 Resp: 1028068

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.2	13.0	19.4



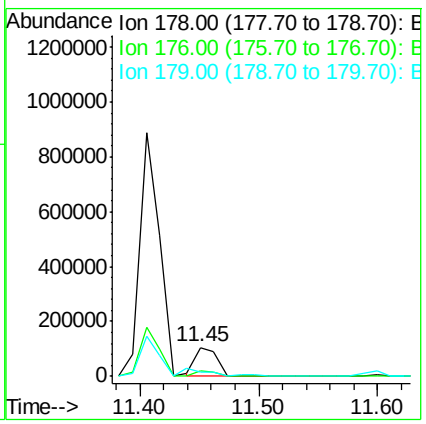


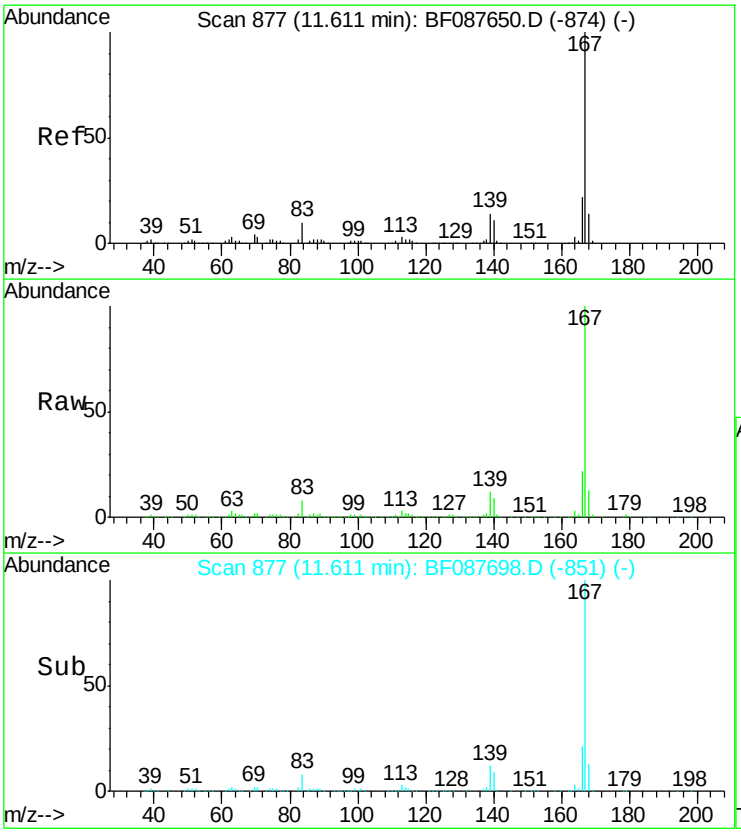
#71
Anthracene
Concen: 5.84 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:178 Resp: 137848

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	16.6	12.8	19.2

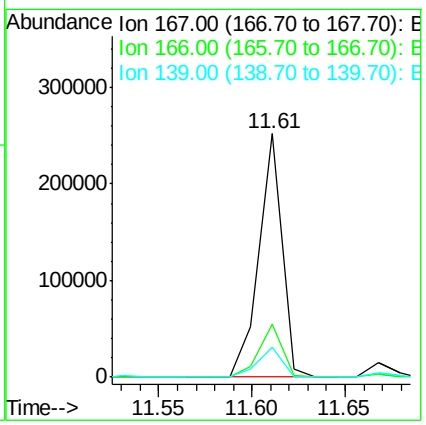


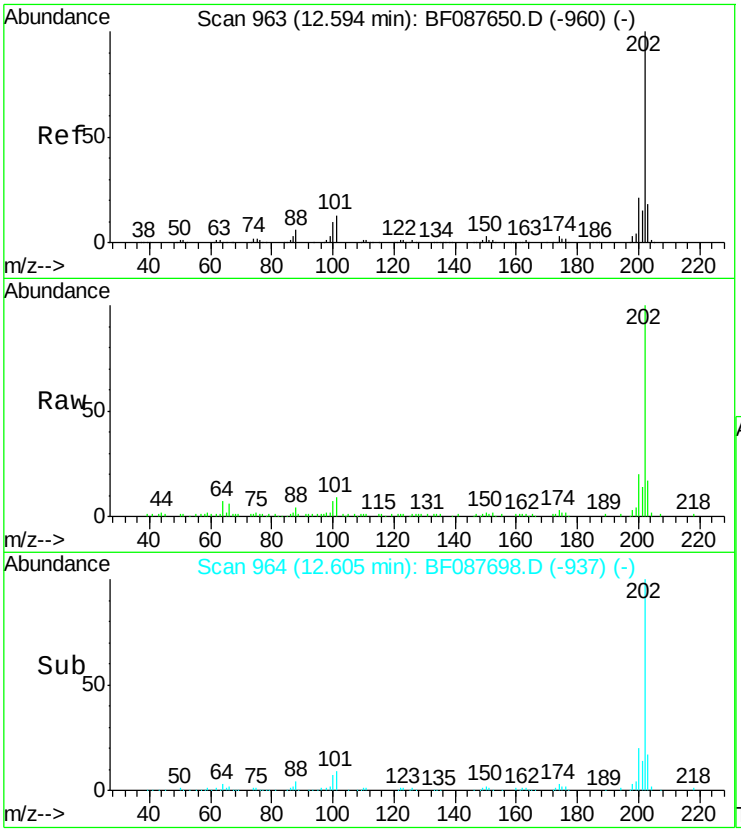


#72
Carbazole
Concen: 9.66 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:167 Resp: 215922

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	12.2	11.2	16.8



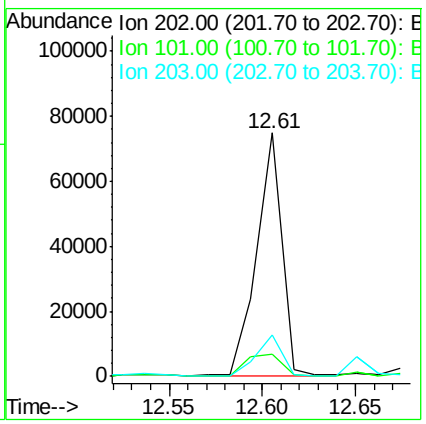


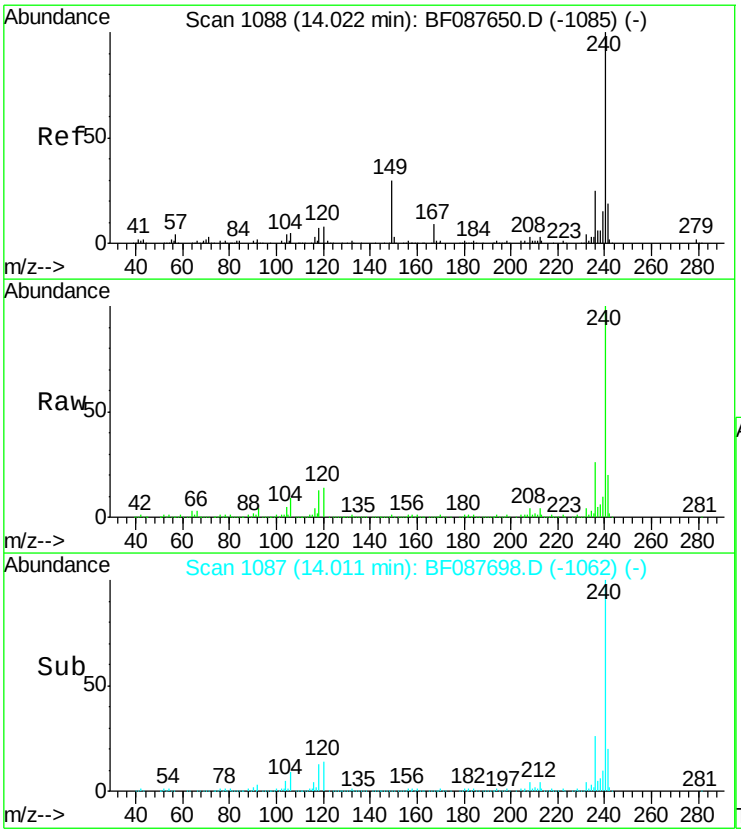
#74
Fluoranthene
Concen: 3.03 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:202 Resp: 70179

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	33.1
203	17.0	0.0	38.1

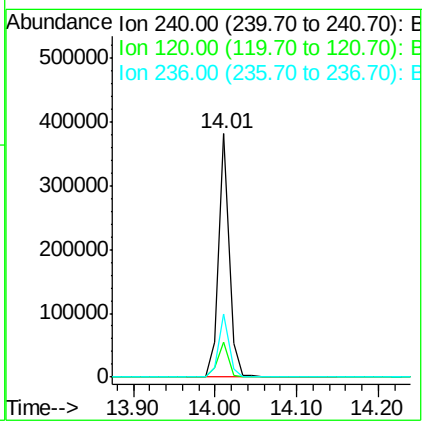


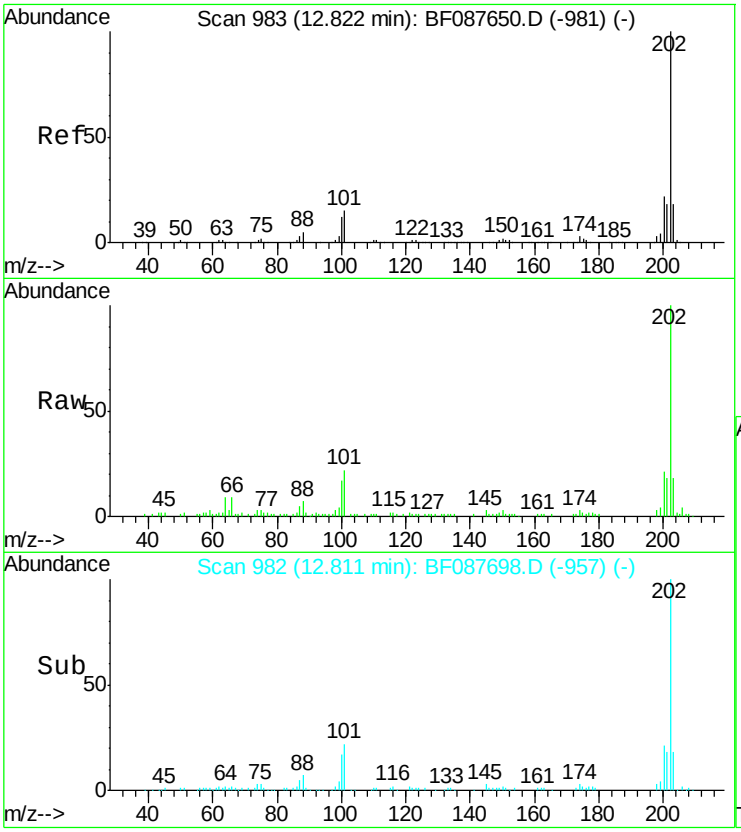


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:240 Resp: 342178

Ion	Ratio	Lower	Upper
240	100		
120	14.2	6.8	10.2#
236	25.7	20.2	30.2



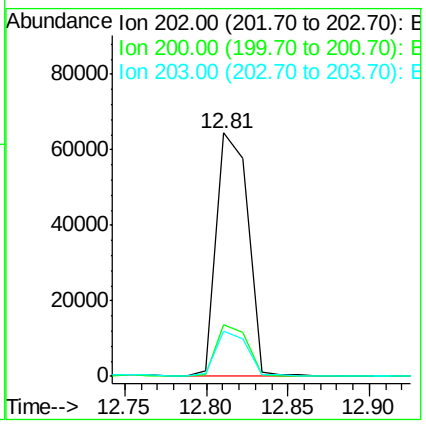


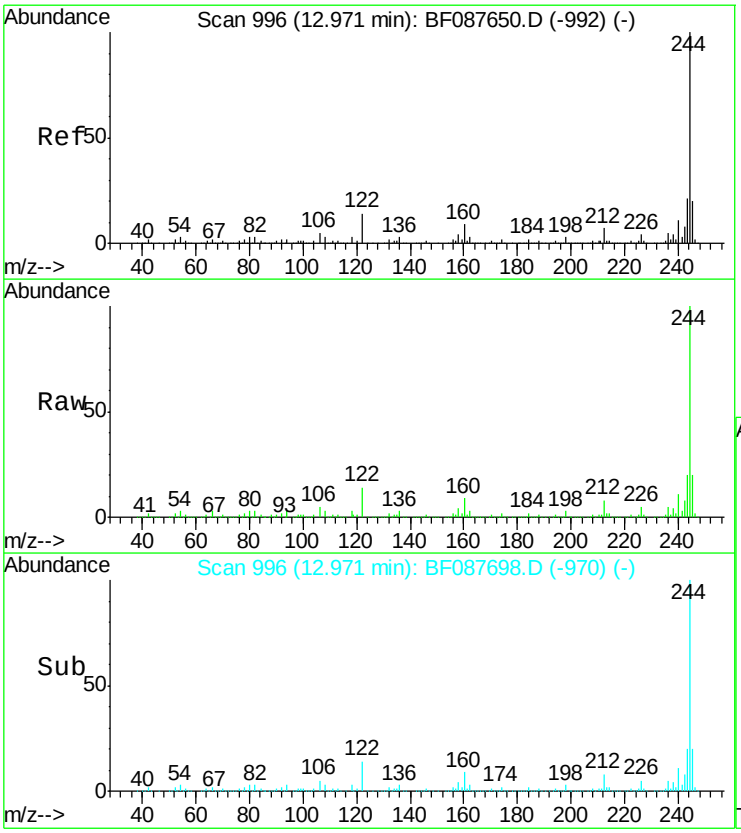
#77
Pyrene
Concen: 3.54 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:202 Resp: 86244

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.4	14.5	21.7

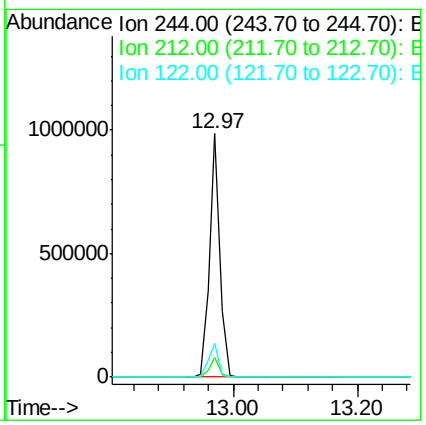


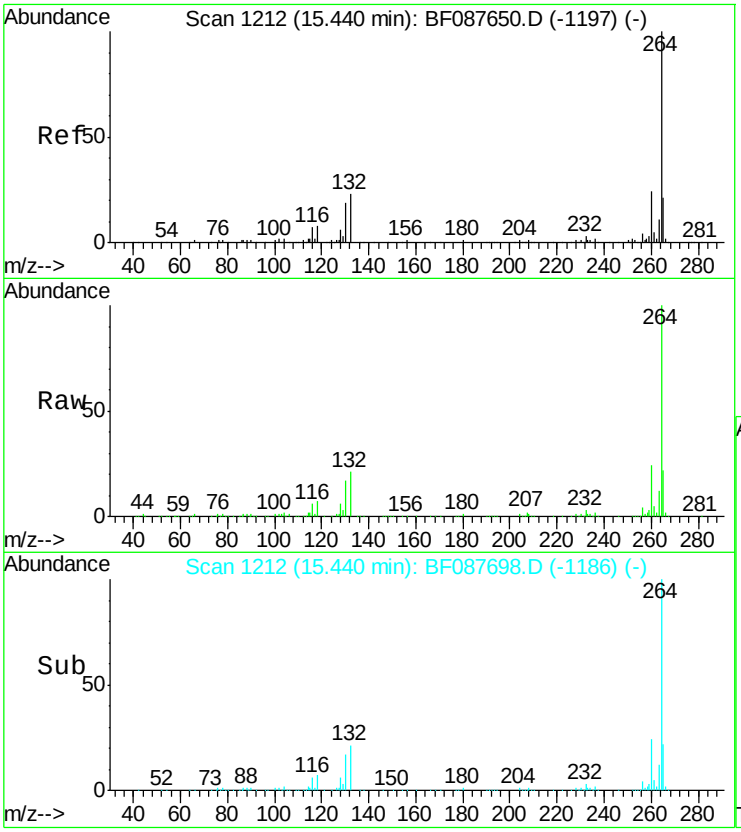


#78
Terphenyl-d14
Concen: 79.75 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:244 Resp: 1118389

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	14.1	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:264 Resp: 263697

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3