Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089436.D
Acq On : 30 Jul 2016 4:41
Operator : UM/SJ
Sample : H4221-23MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-44-8.6-15.0MSD

Quant Time: Jul 30 05:05:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	42107	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	173946	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	72195	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	123902	20.00	ng		0.00
75) Chrysene-d12	13.63	240	81455	20.00	ng		0.00
86) Perylene-d12	14.97	264	87560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	225467	85.50	ng		0.01
7) Phenol-d6	6.18	99	226607	65.02	ng		0.00
23) Nitrobenzene-d5	7.10	82	281841	95.64	ng		0.00
41) 2,4,6-Tribromophenol	10.33	330	67592	113.04	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	457794	93.06	ng		0.00
78) Terphenyl-d14	12.59	244	281621	80.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	30974	24.57	ng		93
3) Pyridine	2.58	79	51696	20.04	ng		99
4) n-Nitrosodimethylamine	2.54	42	24260	26.89	ng		92
6) Aniline	6.18	93	108149	28.74	ng		94
8) 2-Chlorophenol	6.31	128	111005	37.21	ng		96
9) Benzaldehyde	6.06	77	75152	44.16	ng		92
10) Phenol	6.19	94	82765	21.52	ng		99
11) bis(2-Chloroethyl)ether	6.26	93	131725	40.31	ng		93
12) 1,3-Dichlorobenzene	6.54	146	104490	33.49	ng		94
13) 1,4-Dichlorobenzene	6.54	146	114845	33.35	ng		96
14) 1,2-Dichlorobenzene	6.68	146	117135	36.31	ng		94
15) Benzyl Alcohol	6.67	79	89167	41.23	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.81	45	134687	37.79	ng		89
17) 2-Methylphenol	6.80	107	79705	34.57	ng		99
18) Hexachloroethane	7.03	117	42339	32.07	ng	#	84
19) n-Nitroso-di-n-propylamine	6.95	70	91500	43.54	ng	#	90
20) 3+4-Methylphenols	6.96	107	103827	35.07	ng		92
22) Acetophenone	6.94	105	163399	39.46	ng	#	93
24) Nitrobenzene	7.11	77	124878	37.23	ng		89
25) Isophorone	7.35	82	248516	41.86	ng		97
26) 2-Nitrophenol	7.43	139	62651	41.78	ng	#	87
27) 2,4-Dimethylphenol	7.48	122	96114	40.23	ng		98
28) bis(2-Chloroethoxy)methane	7.58	93	163297	49.69	ng		98
29) 2,4-Dichlorophenol	7.68	162	94100	43.23	ng		96
30) 1,2,4-Trichlorobenzene	7.75	180	96078	38.68	ng		94
31) Naphthalene	7.83	128	361132	41.93	ng		99
32) Benzoic acid	7.61	122	18217	10.94	ng		94
33) 4-Chloroaniline	7.90	127	85052	25.94	ng		99
34) Hexachlorobutadiene	7.95	225	47769	33.58	ng		98
35) Caprolactam	8.25	113	7494	11.41	ng		92
36) 4-Chloro-3-methylphenol	8.38	107	103965	40.19	ng		90
37) 2-Methylnaphthalene	8.51	142	219771	42.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	91951	36.40	ng		99
40) Hexachlorocyclopentadiene	8.67	237	43324	62.37	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089436.D
Acq On : 30 Jul 2016 4:41
Operator : UM/SJ
Sample : H4221-23MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-44-8.6-15.0MSD

Quant Time: Jul 30 05:05:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	59181	49.27	ng		98
43) 2,4,5-Trichlorophenol	8.84	196	65609	43.12	ng		96
45) 1,1'-Biphenyl	8.98	154	256813	41.78	ng		96
46) 2-Chloronaphthalene	9.00	162	209072	45.29	ng		92
47) 2-Nitroaniline	9.11	65	64187	46.95	ng		87
48) Acenaphthylene	9.40	152	318878	43.85	ng		99
49) Dimethylphthalate	9.29	163	246701	44.90	ng		100
50) 2,6-Dinitrotoluene	9.35	165	49651	43.98	ng	#	64
51) Acenaphthene	9.58	154	185522	43.69	ng		99
52) 3-Nitroaniline	9.52	138	40311	33.84	ng	#	83
53) 2,4-Dinitrophenol	9.64	184	24676	56.45	ng		96
54) Dibenzofuran	9.75	168	277085	47.89	ng		96
55) 4-Nitrophenol	9.75	139	148924	243.00	ng	#	9
56) 2,4-Dinitrotoluene	9.76	165	65298	43.93	ng	#	68
57) Fluorene	10.09	166	223908	44.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	47604	46.86	ng		95
59) Diethylphthalate	9.99	149	262652	47.15	ng		96
60) 4-Chlorophenyl-phenylether	10.09	204	108478	46.82	ng		93
61) 4-Nitroaniline	10.14	138	39818	32.42	ng		85
62) Azobenzene	10.25	77	274469	47.84	ng		88
64) 4,6-Dinitro-2-methylphenol	10.17	198	20445	29.21	ng		96
65) n-Nitrosodiphenylamine	10.22	169	189934	49.13	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	59133	49.99	ng	#	81
67) Hexachlorobenzene	10.64	284	55122	45.47	ng	#	70
68) Atrazine	10.74	200	53628	45.15	ng		97
69) Pentachlorophenol	10.83	266	39743	68.60	ng		99
70) Phenanthrene	11.04	178	284299	44.49	ng		100
71) Anthracene	11.10	178	300442	42.29	ng		99
72) Carbazole	11.26	167	249197	41.67	ng		100
73) Di-n-butylphthalate	11.60	149	363259	45.27	ng	#	98
74) Fluoranthene	12.22	202	261152	38.85	ng		98
76) Benzidine	12.35	184	83217	27.65	ng		98
77) Pyrene	12.44	202	246639	39.95	ng		99
79) Butylbenzylphthalate	13.07	149	118201	42.11	ng		89
80) Benzo(a)anthracene	13.62	228	200267	43.57	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	55644	33.64	ng		97
82) Chrysene	13.66	228	210676	43.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	167558	41.30	ng	#	95
84) Di-n-octyl phthalate	14.25	149	286110	45.19	ng		100
85) Indeno(1,2,3-cd)pyrene	16.15	276	232560	66.85	ng		99
87) Benzo(b)fluoranthene	14.62	252	437726	80.50	ng		98
88) Benzo(k)fluoranthene	14.62	252	437957	87.60	ng		99
89) Benzo(a)pyrene	14.91	252	211176	43.29	ng		99
90) Dibenzo(a,h)anthracene	16.16	278	196785	51.21	ng		95
91) Benzo(g,h,i)perylene	16.50	276	191873	50.80	ng		96

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

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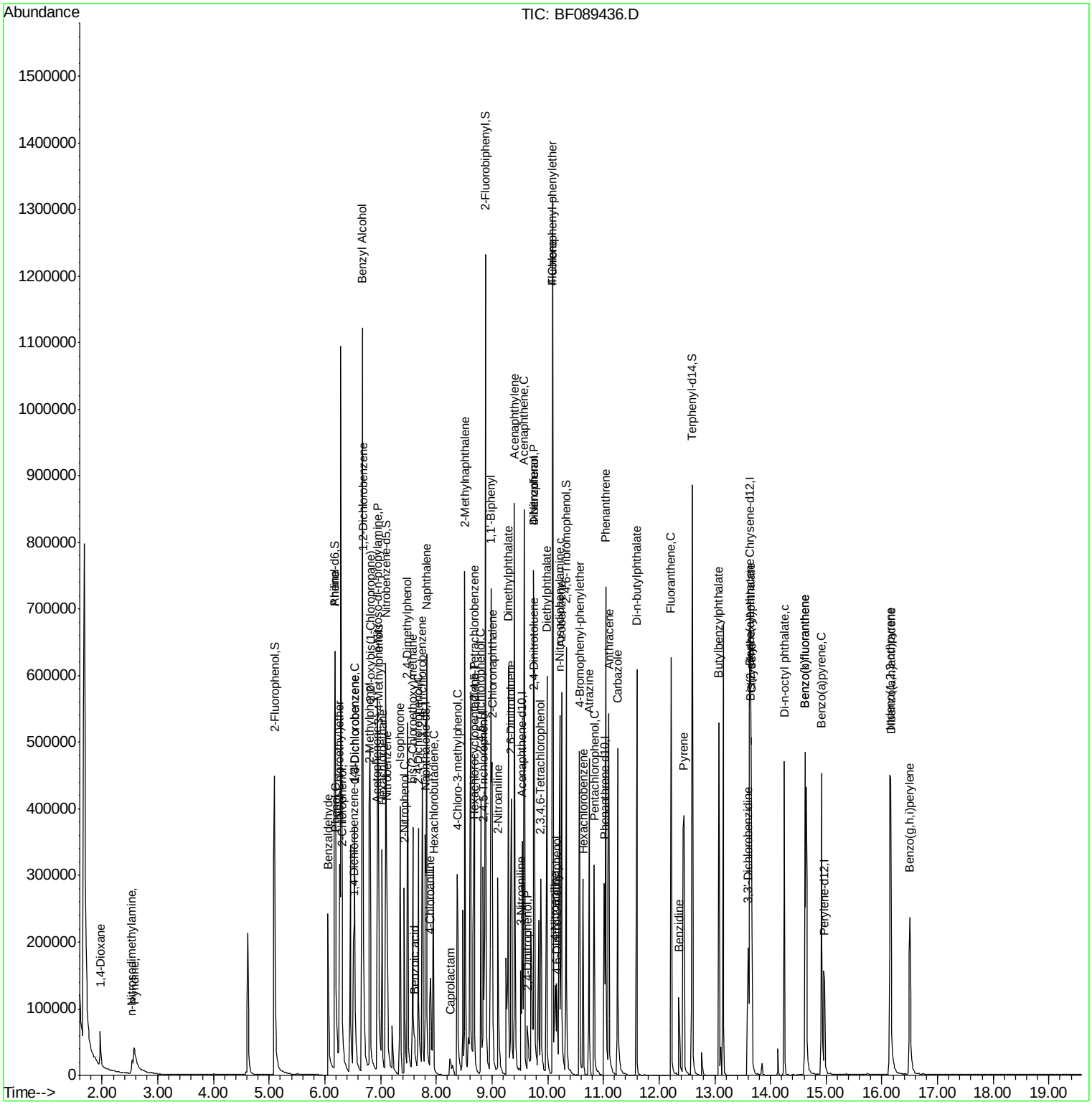
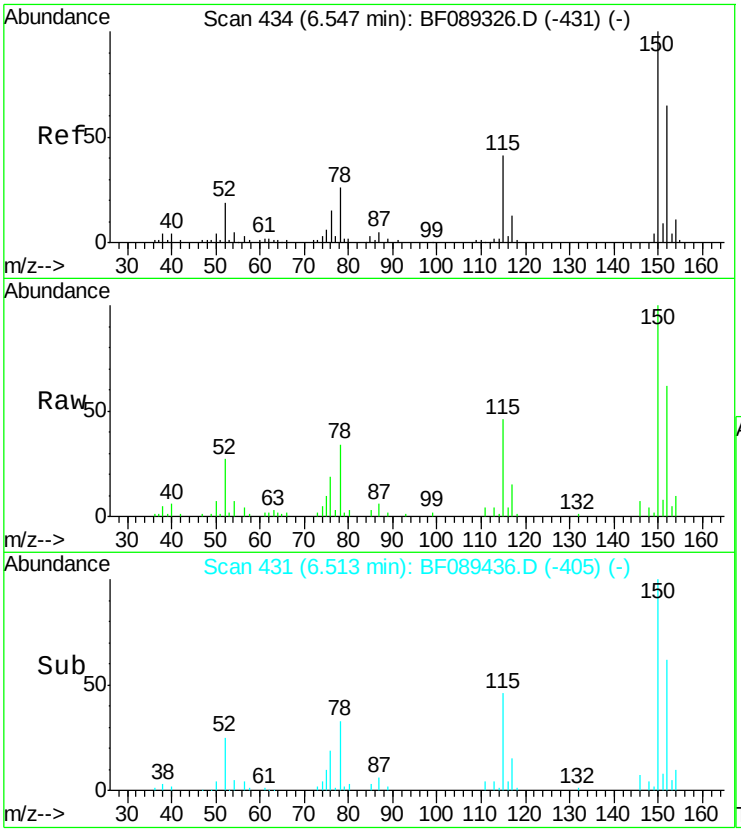
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089436.D
Acq On : 30 Jul 2016 4:41
Operator : UM/SJ
Sample : H4221-23MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Quant Time: Jul 30 05:05:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration



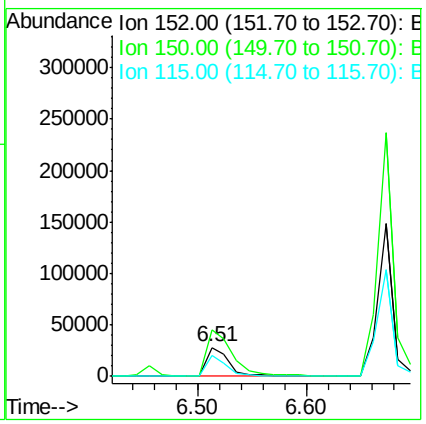


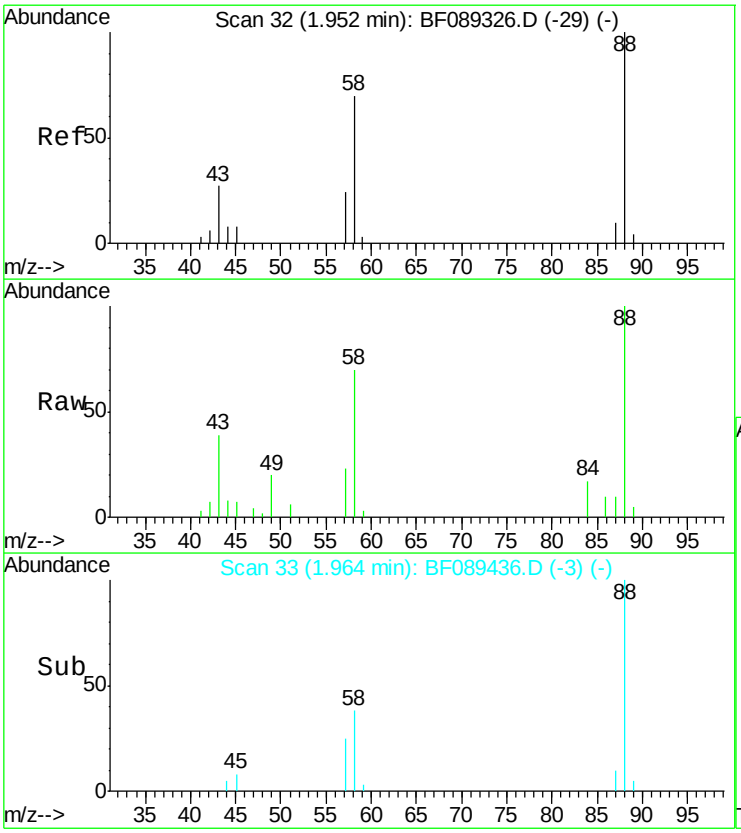
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:152 Resp: 42107

Ion	Ratio	Lower	Upper
152	100		
150	160.0	129.5	194.3
115	73.7	51.4	77.2

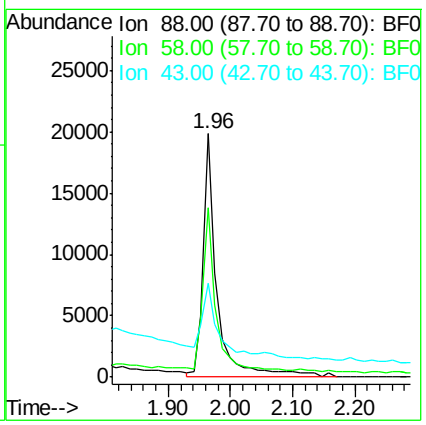


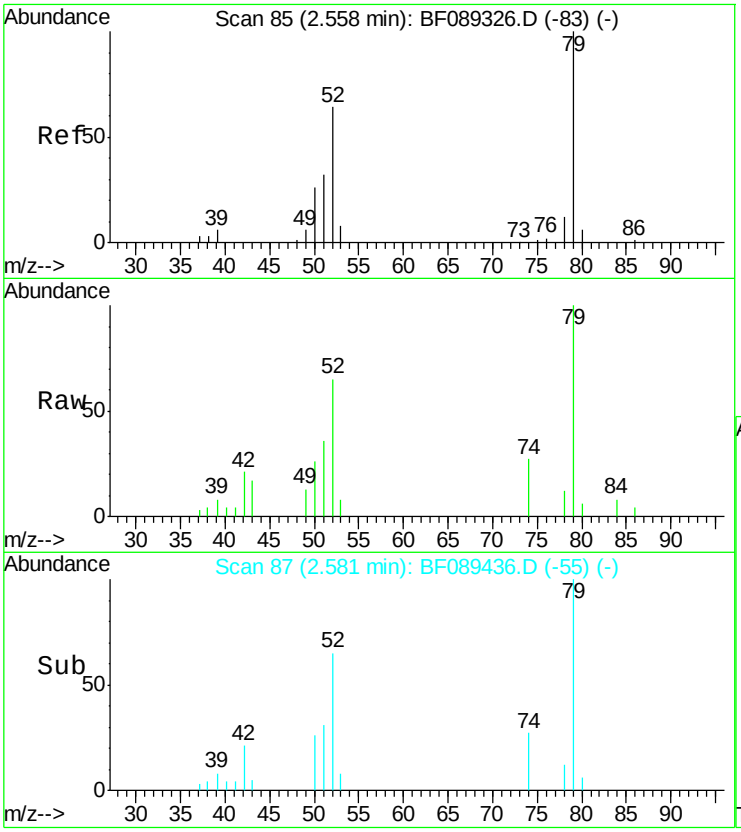


#2
1,4-Dioxane
Concen: 24.57 ng
RT: 1.96 min Scan# 33
Delta R.T. 0.05 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 88 Resp: 30974

Ion	Ratio	Lower	Upper
88	100		
58	60.4	53.2	79.8
43	27.8	20.6	31.0



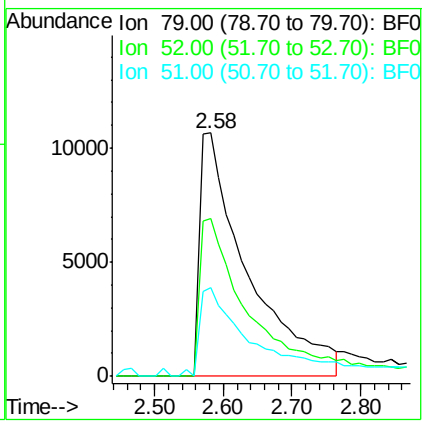


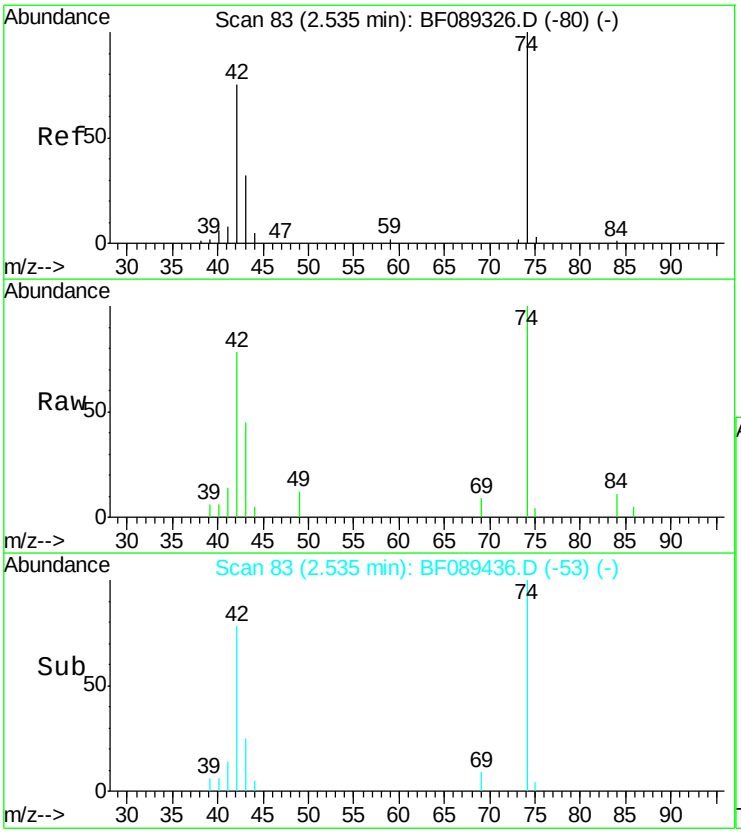
#3
Pyridine
Concen: 20.04 ng
RT: 2.58 min Scan# 87
Delta R.T. 0.07 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 79 Resp: 51696

Ion	Ratio	Lower	Upper
79	100		
52	64.9	51.9	77.9
51	36.4	28.2	42.4

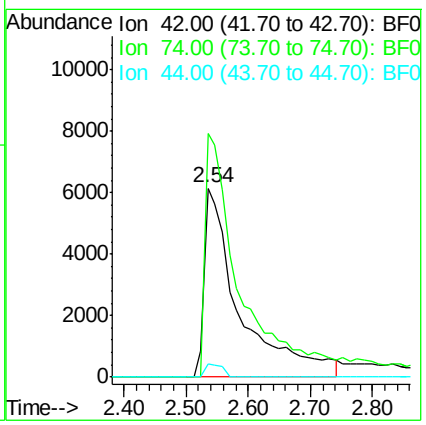


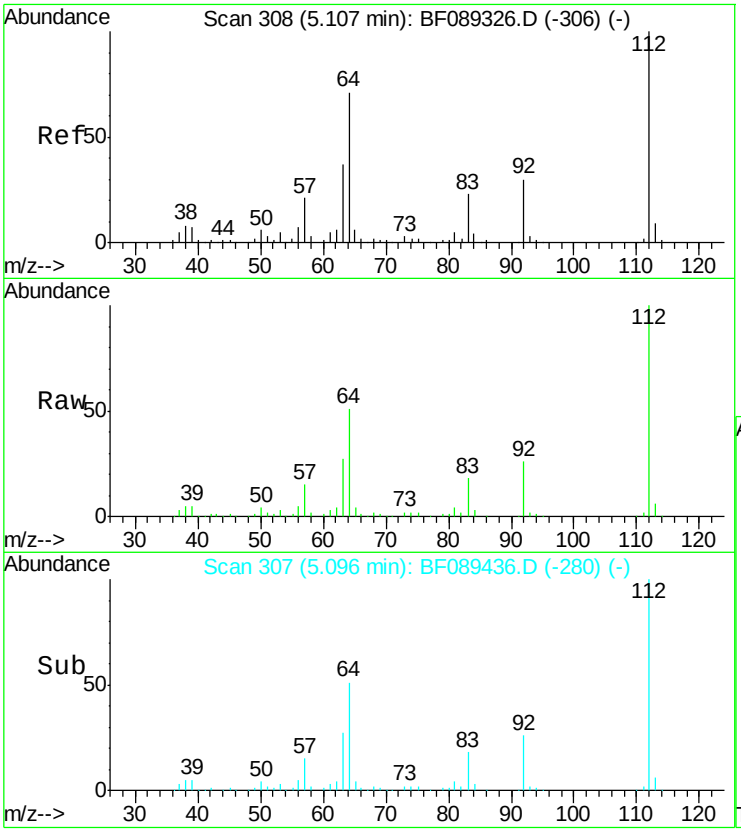


#4
n-Nitrosodimethylamine
Concen: 26.89 ng
RT: 2.54 min Scan# 83
Delta R.T. 0.05 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 42 Resp: 24260

Ion	Ratio	Lower	Upper
42	100		
74	128.7	110.8	166.2
44	7.0	5.2	7.8



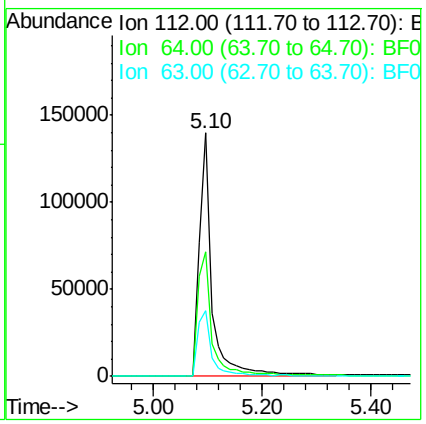


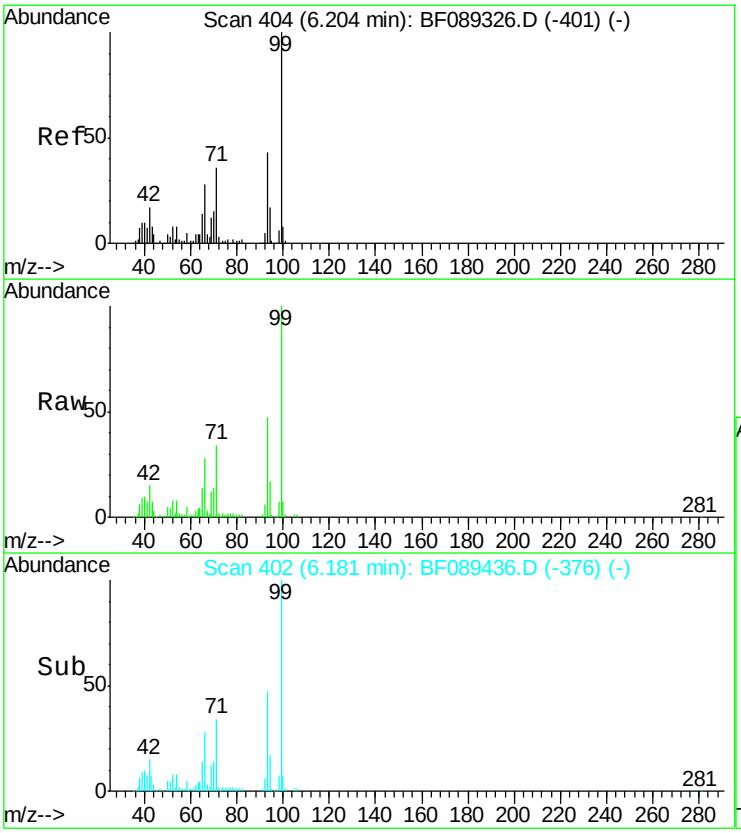
#5
2-Fluorophenol
Concen: 85.50 ng
RT: 5.10 min Scan# 307
Delta R.T. 0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:112 Resp: 225467

Ion	Ratio	Lower	Upper
112	100		
64	50.9	55.0	82.6#
63	26.8	29.4	44.2#

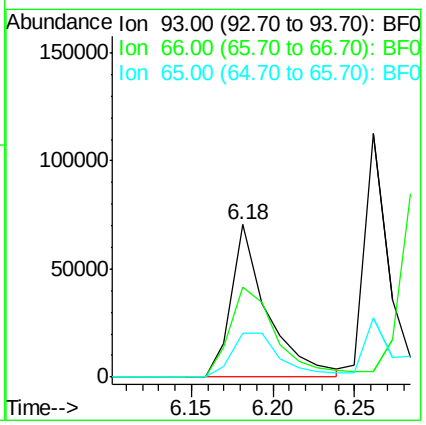


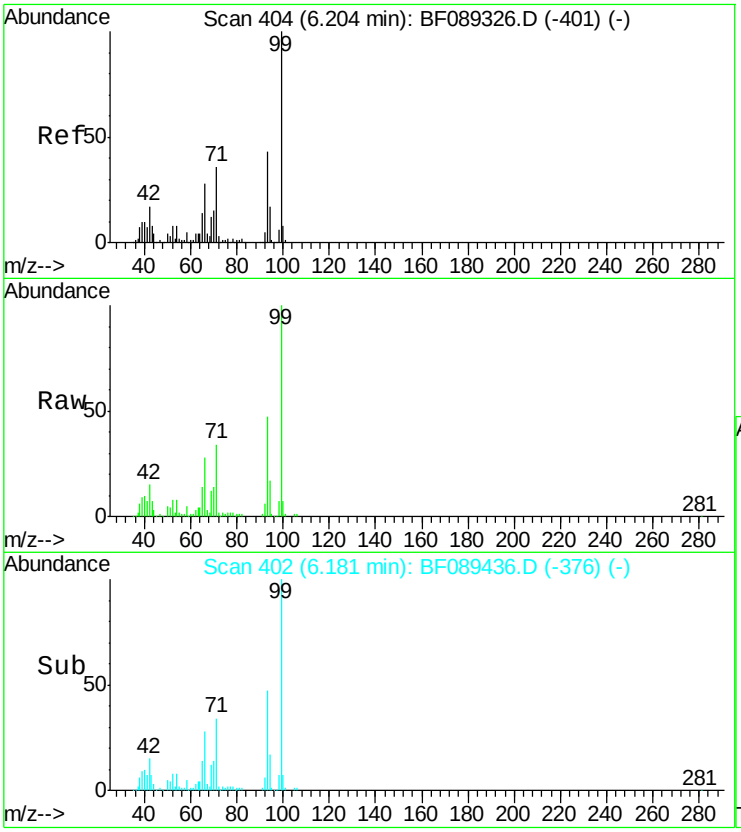


#6
Aniline
Concen: 28.74 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 93 Resp: 108149

Ion	Ratio	Lower	Upper
93	100		
66	59.1	51.6	77.4
65	29.1	24.7	37.1



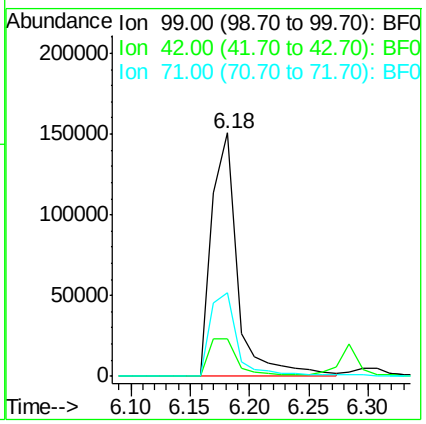


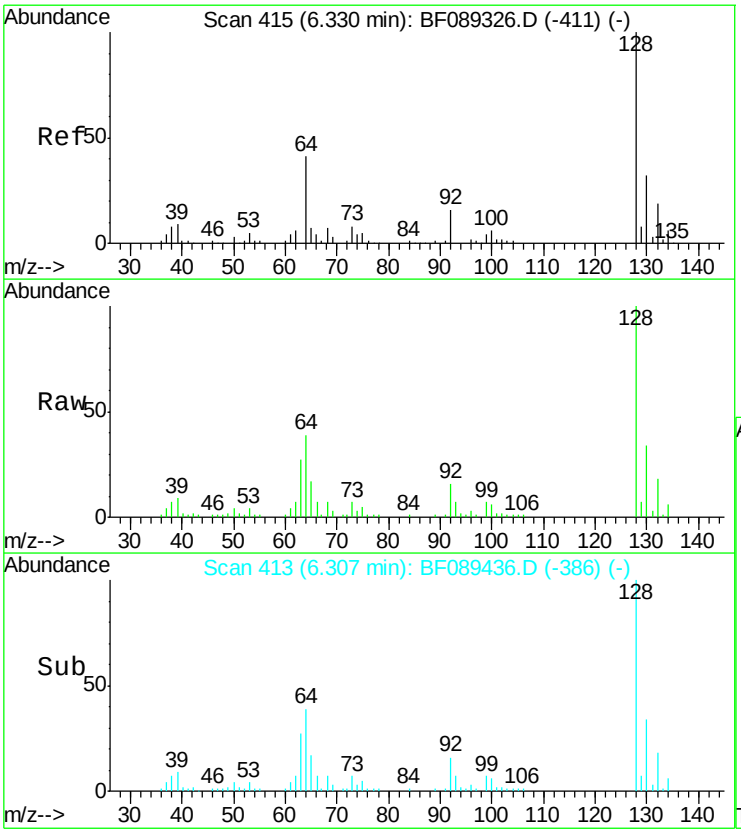
#7
Phenol-d6
Concen: 65.02 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 99 Resp: 226607

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.6	20.4
71	34.2	29.4	44.2

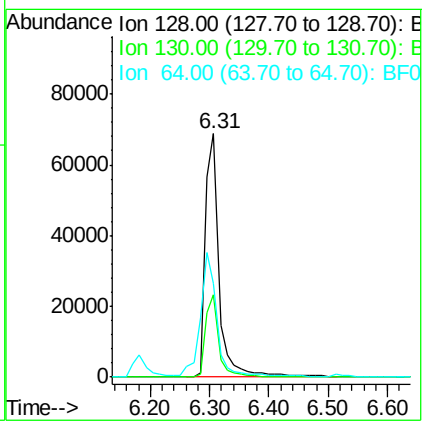


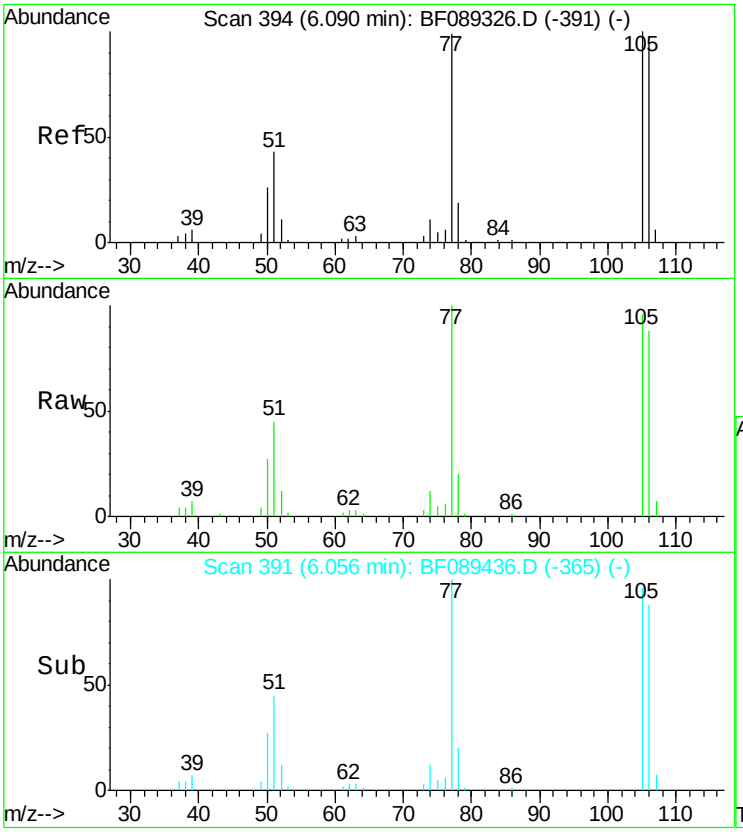


#8
2-Chlorophenol
Concen: 37.21 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:128 Resp: 111005

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.6	52.6
64	38.7	22.1	62.1



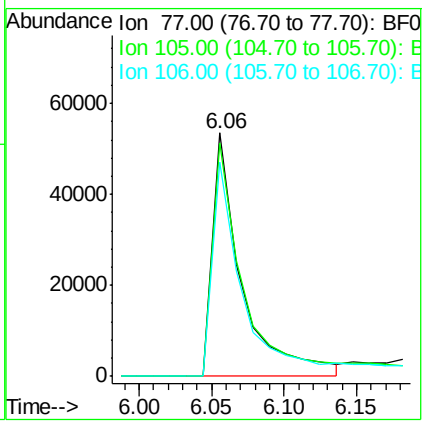


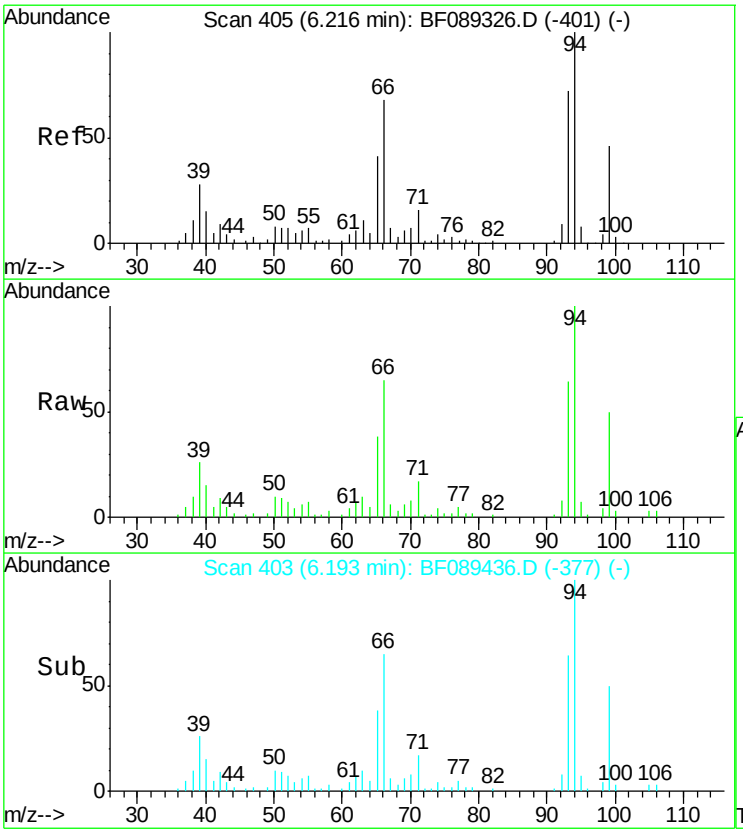
#9
Benzaldehyde
Concen: 44.16 ng
RT: 6.06 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 77 Resp: 75152

Ion	Ratio	Lower	Upper
77	100		
105	95.7	82.9	122.9
106	88.0	75.9	115.9

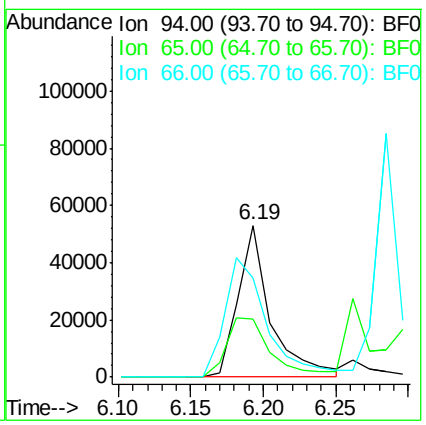


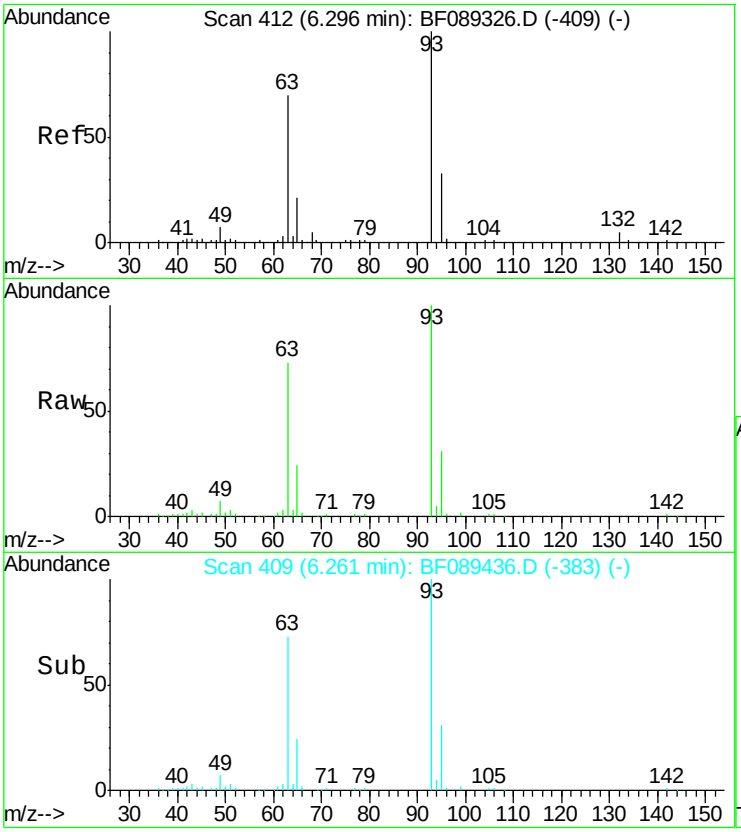


#10
Phenol
Concen: 21.52 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 94 Resp: 82765

Ion	Ratio	Lower	Upper
94	100		
65	38.0	19.1	59.1
66	64.9	44.4	84.4



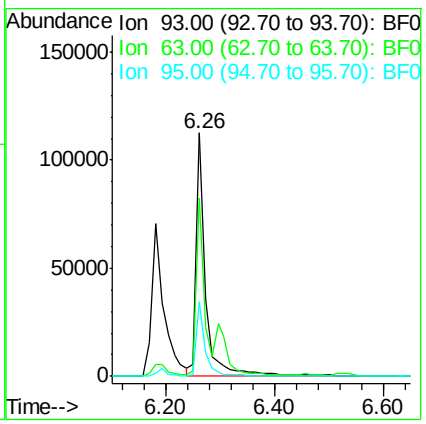


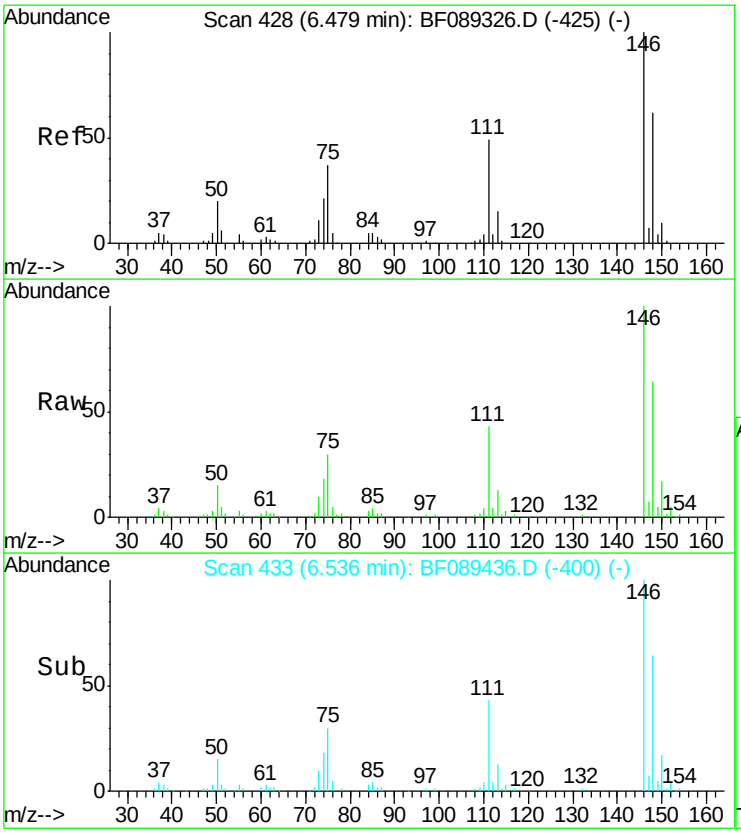
#11
bis(2-Chloroethyl)ether
Concen: 40.31 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 93 Resp: 131725

Ion	Ratio	Lower	Upper
93	100		
63	73.4	45.6	85.6
95	30.6	11.1	51.1

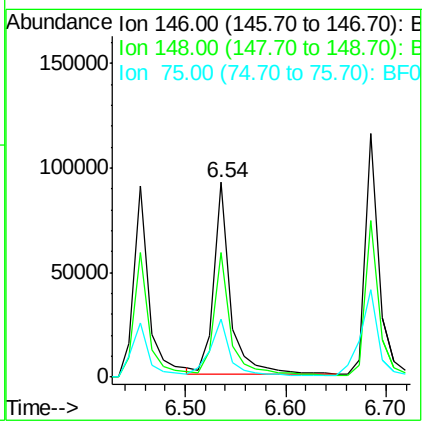


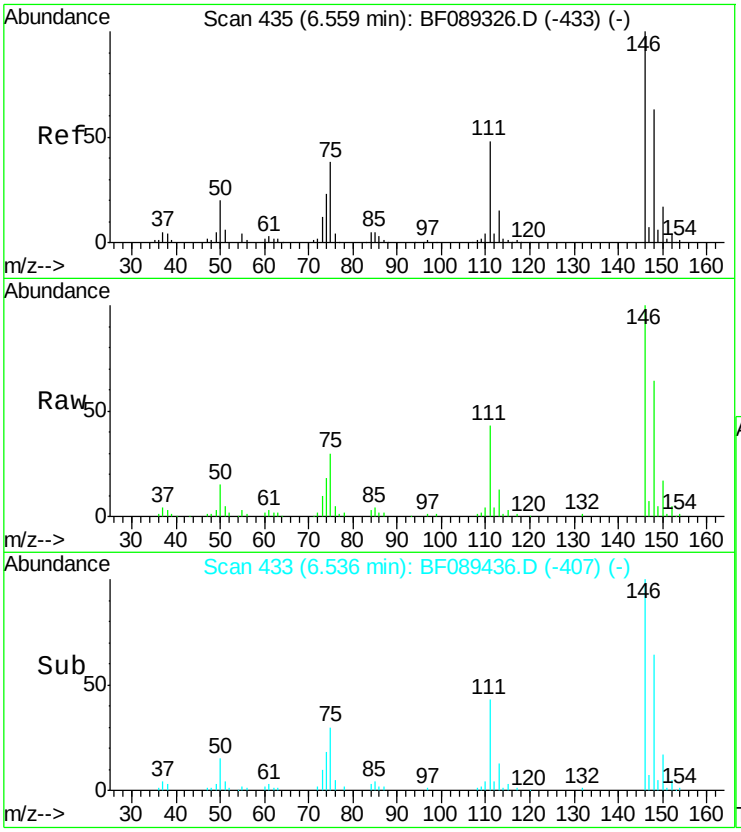


#12
1,3-Dichlorobenzene
Concen: 33.49 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.08 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:146 Resp: 104490

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	30.1	30.0	45.0



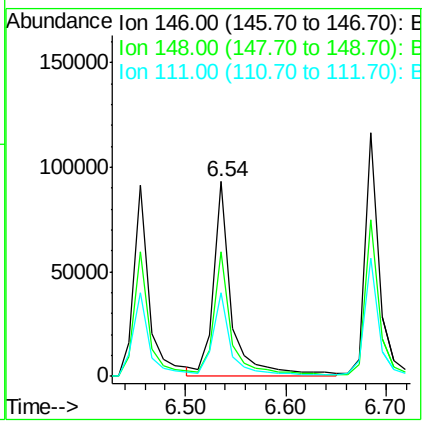


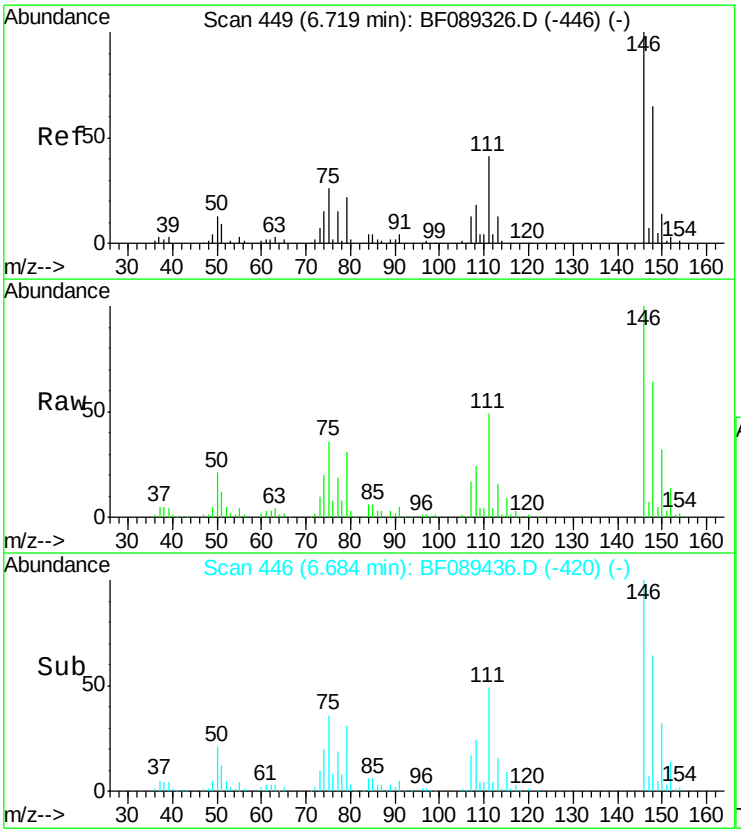
#13
1,4-Dichlorobenzene
Concen: 33.35 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:146 Resp: 114845

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	42.8	38.6	57.8

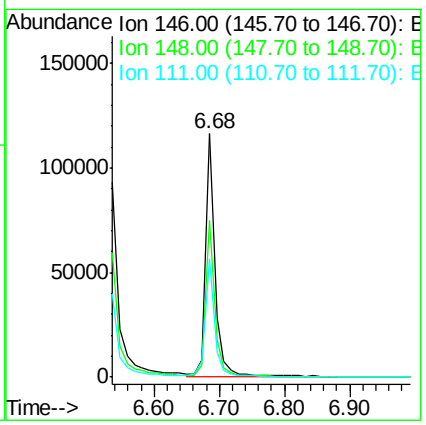


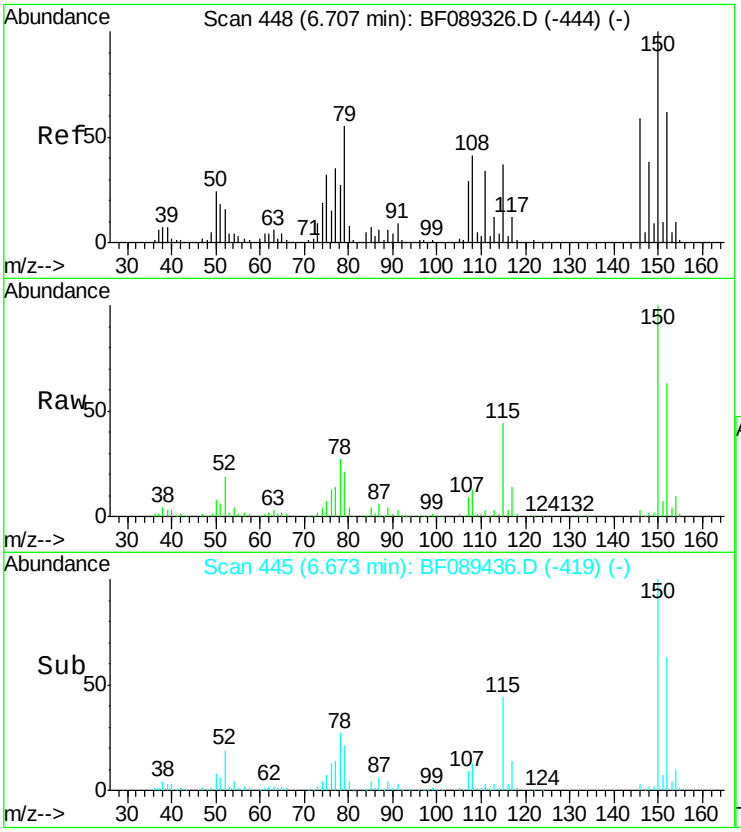


#14
1,2-Dichlorobenzene
Concen: 36.31 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:146 Resp: 117135

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	48.6	33.0	49.4



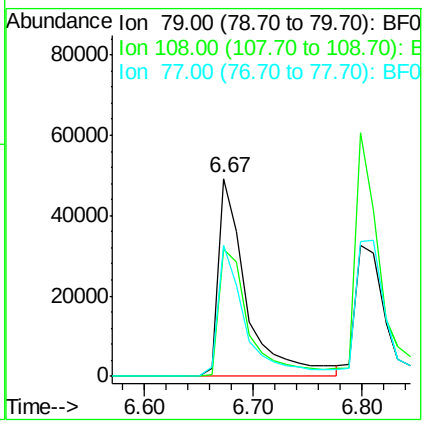


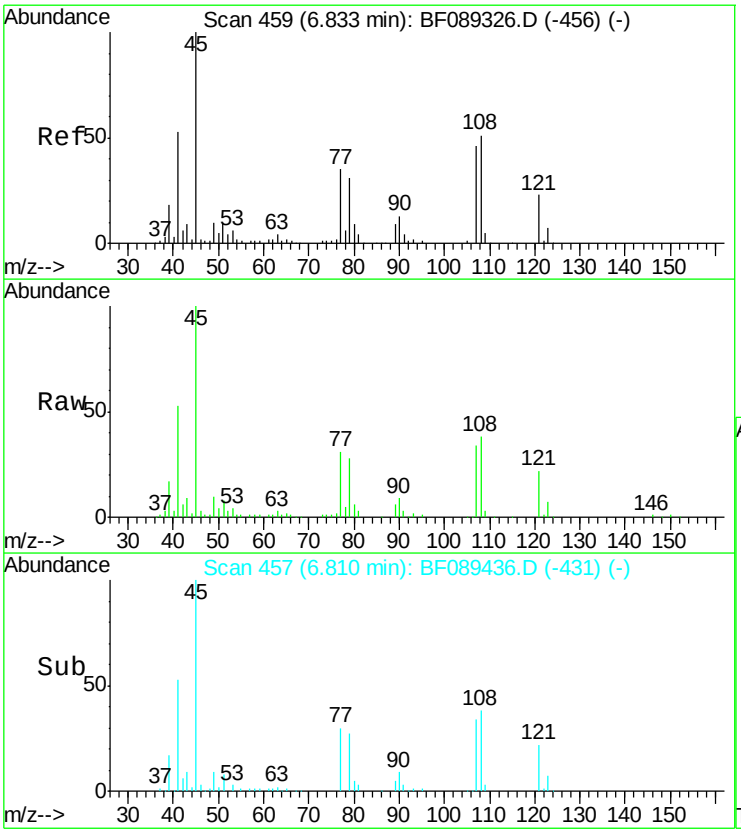
#15
Benzyl Alcohol
Concen: 41.23 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 79 Resp: 89167

Ion	Ratio	Lower	Upper
79	100		
108	64.1	59.8	89.6
77	66.5	51.7	77.5

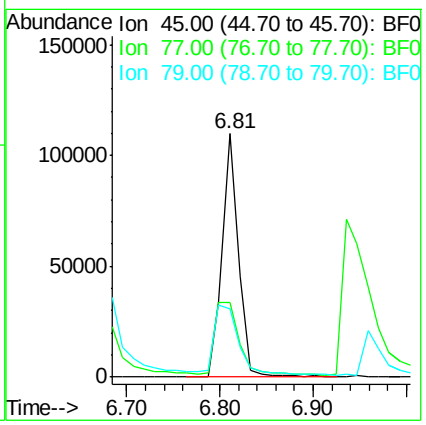


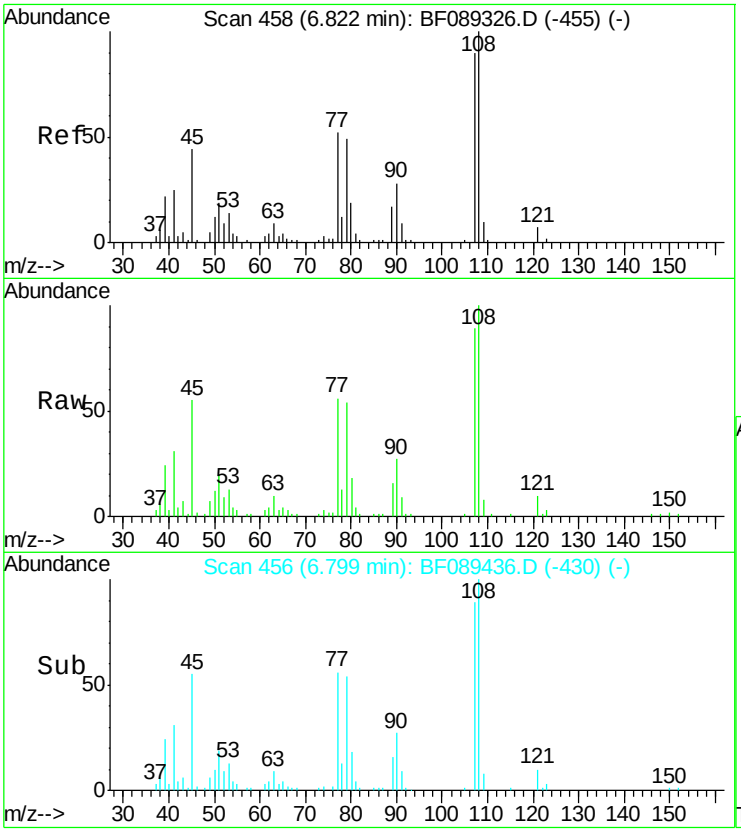


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.79 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 45 Resp: 134687

Ion	Ratio	Lower	Upper
45	100		
77	30.9	17.3	57.3
79	27.9	13.9	53.9



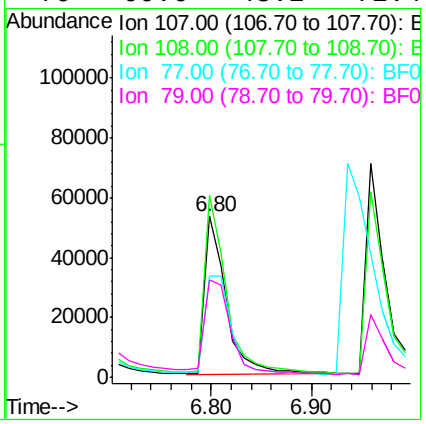


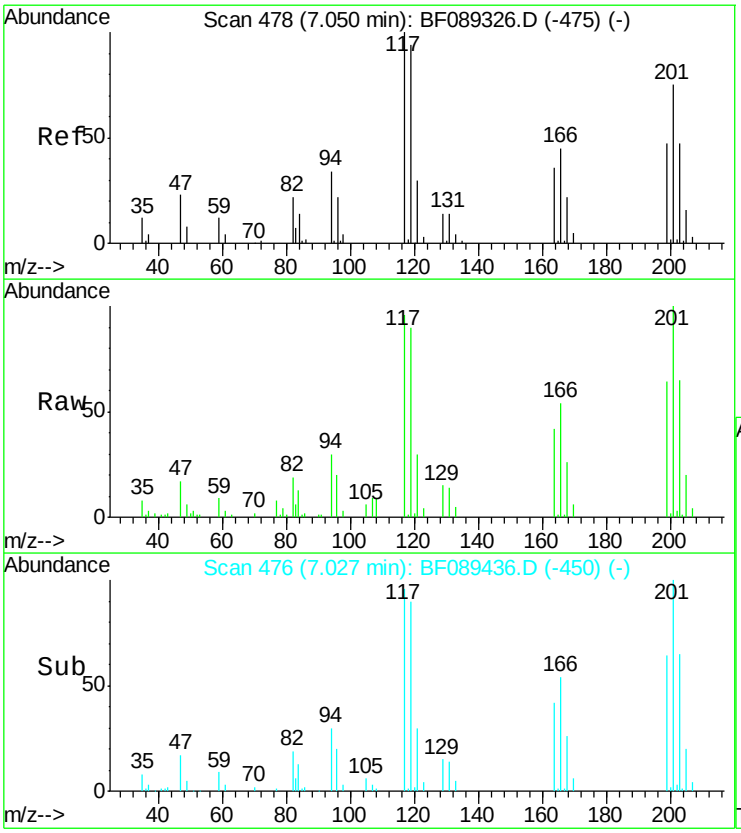
#17
2-Methylphenol
Concen: 34.57 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:107 Resp: 79705

Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.4	137.0
77	62.6	48.6	73.0
79	60.6	48.2	72.4

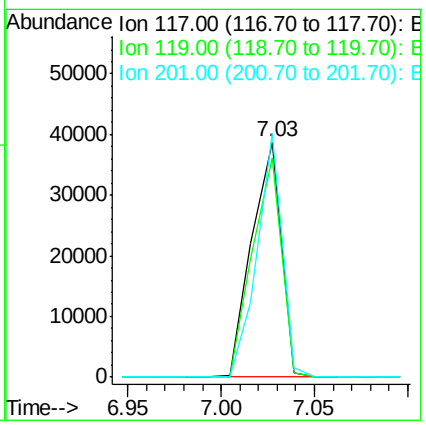


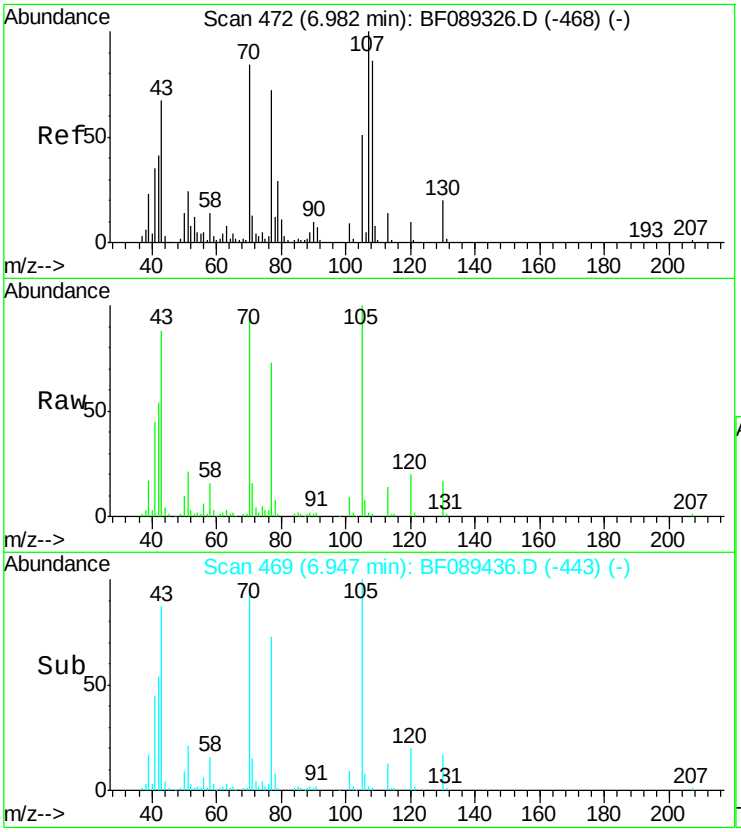


#18
Hexachloroethane
Concen: 32.07 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:117 Resp: 42339

Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.0	114.0
201	103.6	60.0	90.0#



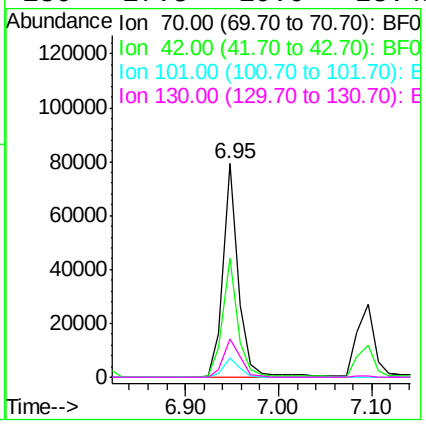


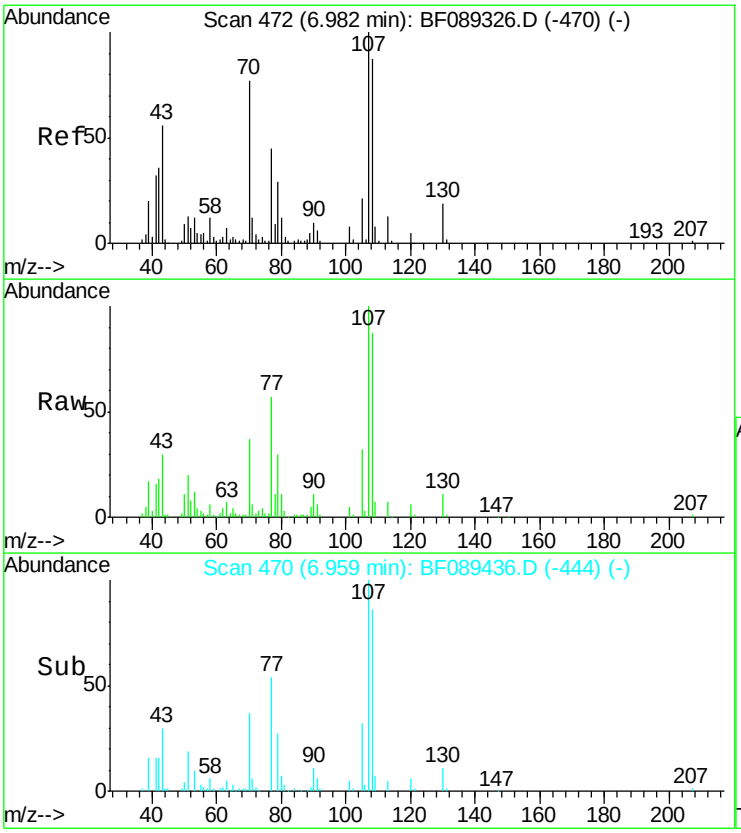
#19
n-Nitroso-di-n-propylamine
Concen: 43.54 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 70 Resp: 91500

Ion	Ratio	Lower	Upper
70	100		
42	55.8	38.6	57.8
101	9.1	8.3	12.5
130	17.8	19.0	28.4#

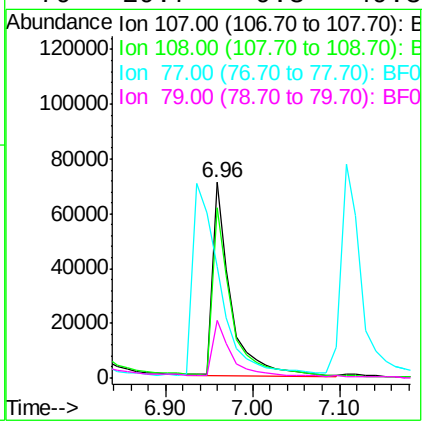


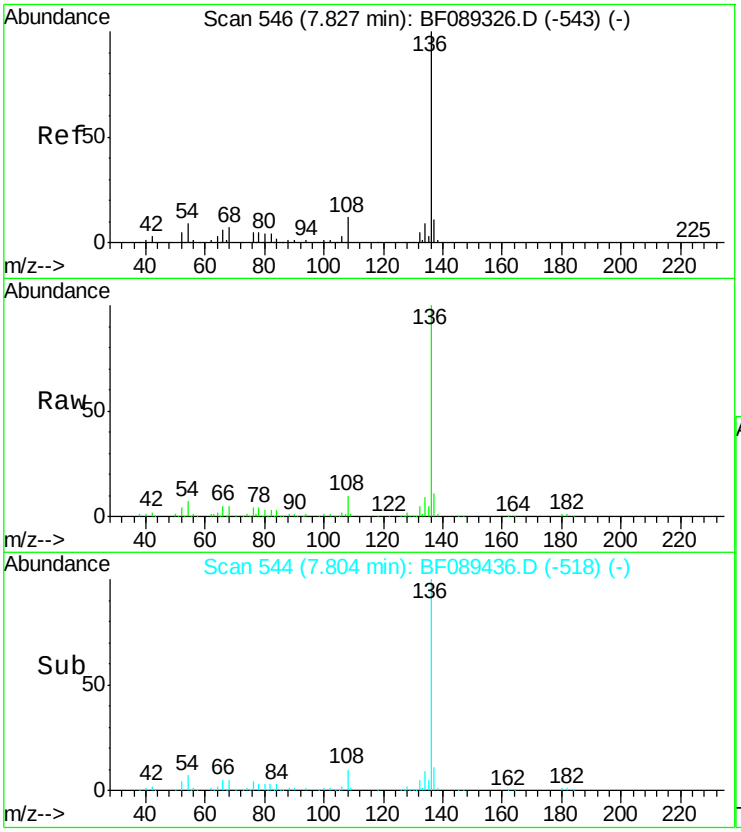


#20
3+4-Methylphenols
Concen: 35.07 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:107 Resp: 103827

Ion	Ratio	Lower	Upper
107	100		
108	86.9	63.3	103.3
77	57.3	51.1	91.1
79	29.7	9.3	49.3



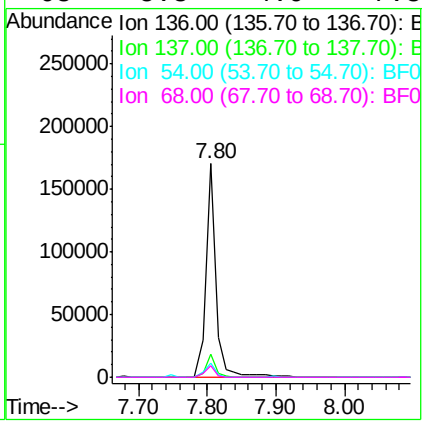


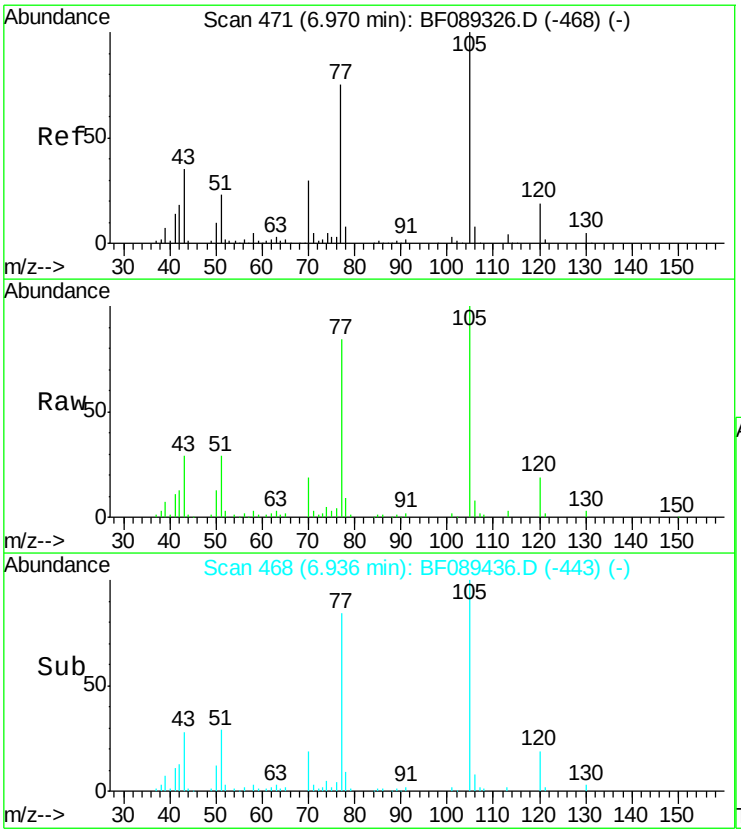
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:136 Resp: 173946

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	7.0	10.4#
68	5.3	4.9	7.3

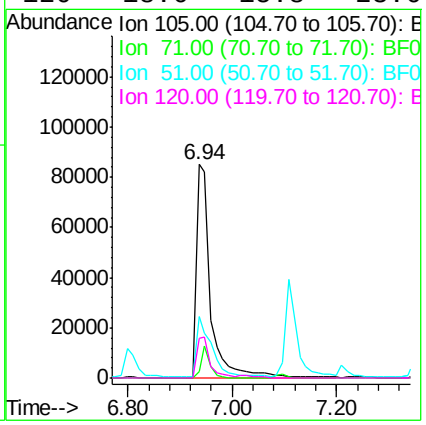


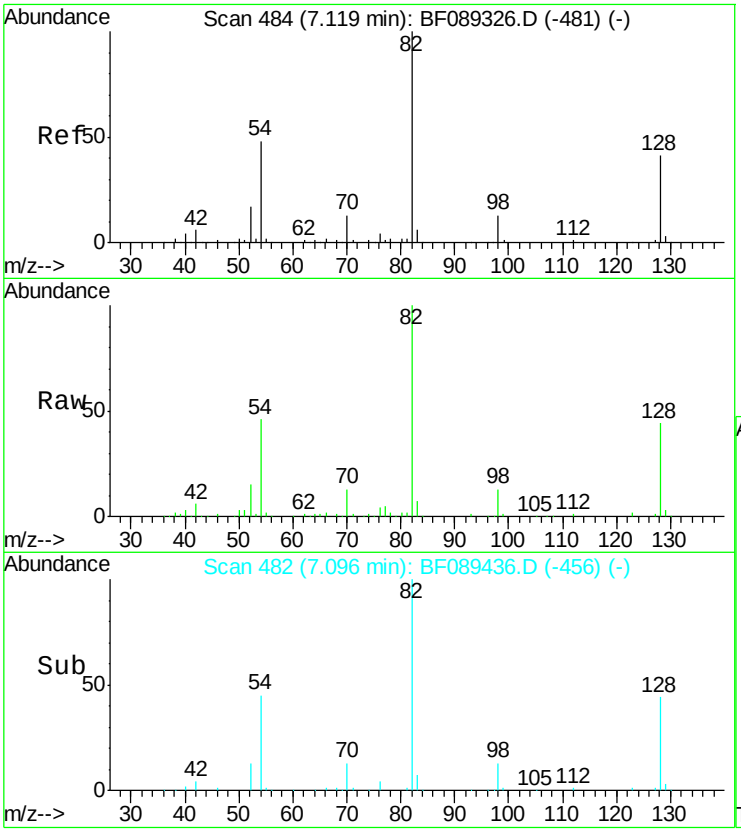


#22
Acetophenone
Concen: 39.46 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:105 Resp: 163399

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.2	6.2#
51	28.5	18.7	28.1#
120	18.6	15.8	23.6



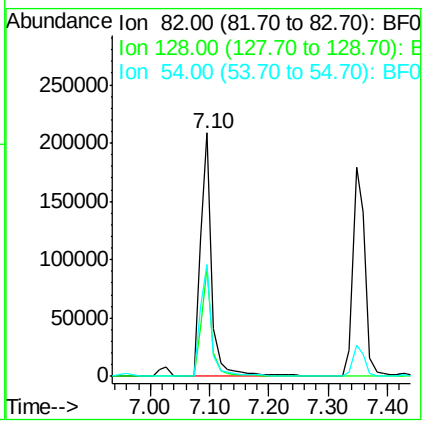


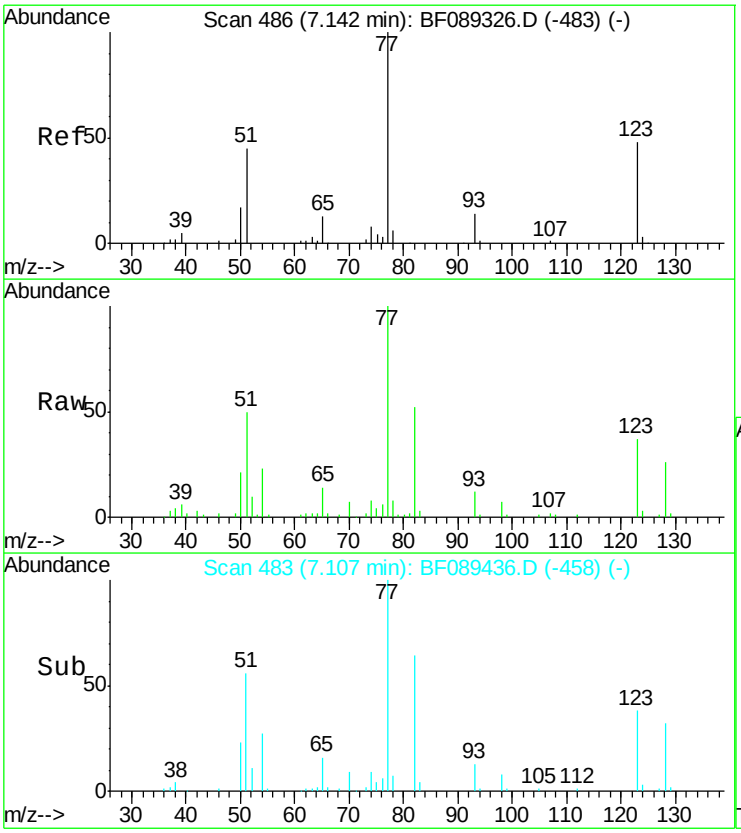
#23
Nitrobenzene-d5
Concen: 95.64 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 82 Resp: 281841

Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.5	48.7
54	45.7	38.8	58.2

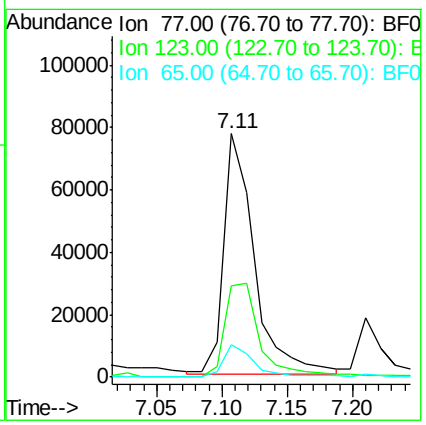


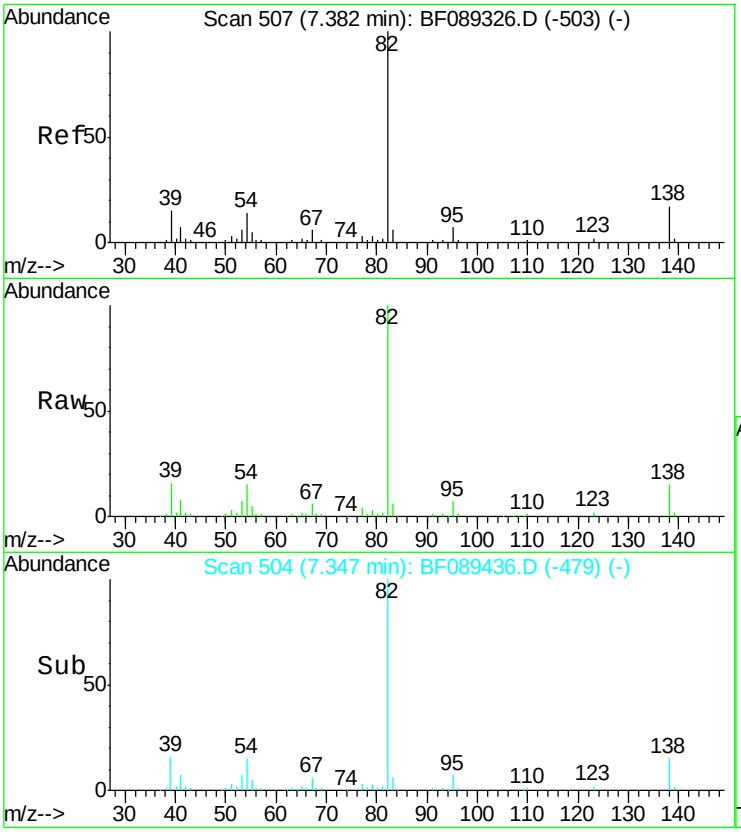


#24
Nitrobenzene
Concen: 37.23 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 77 Resp: 124878

Ion	Ratio	Lower	Upper
77	100		
123	37.2	37.2	55.8
65	13.6	10.2	15.4



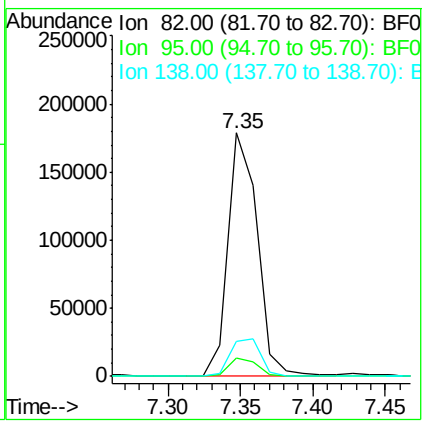


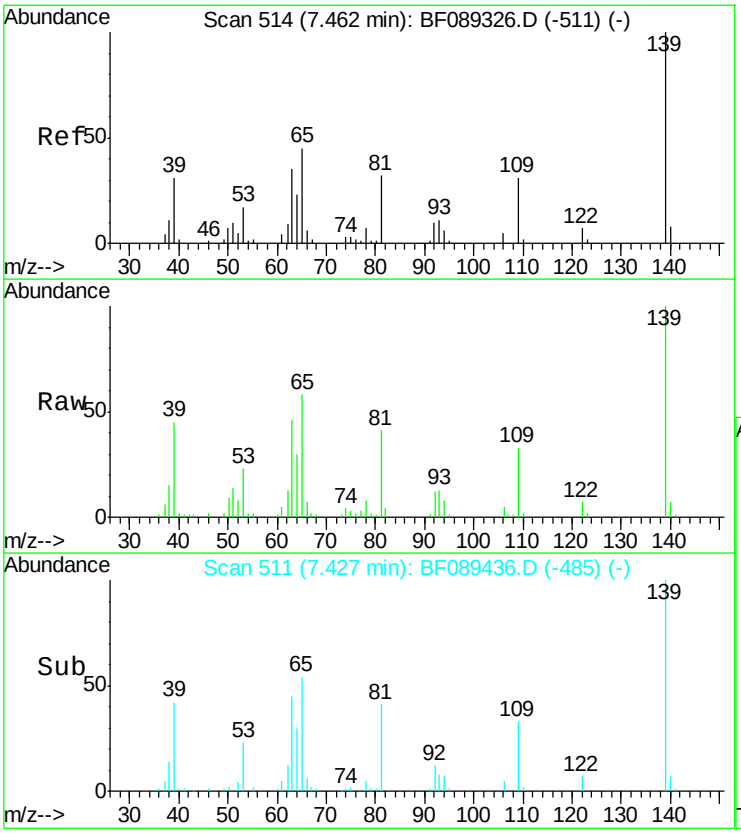
#25
Isophorone
Concen: 41.86 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 82 Resp: 248516

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	14.5	13.3	19.9

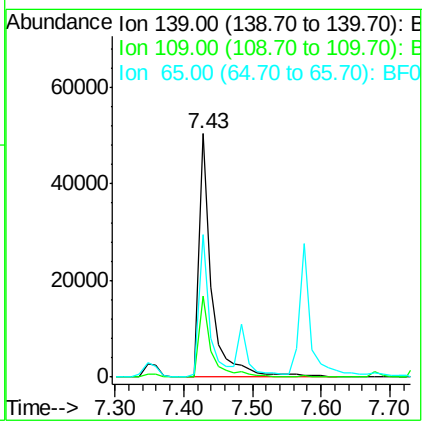


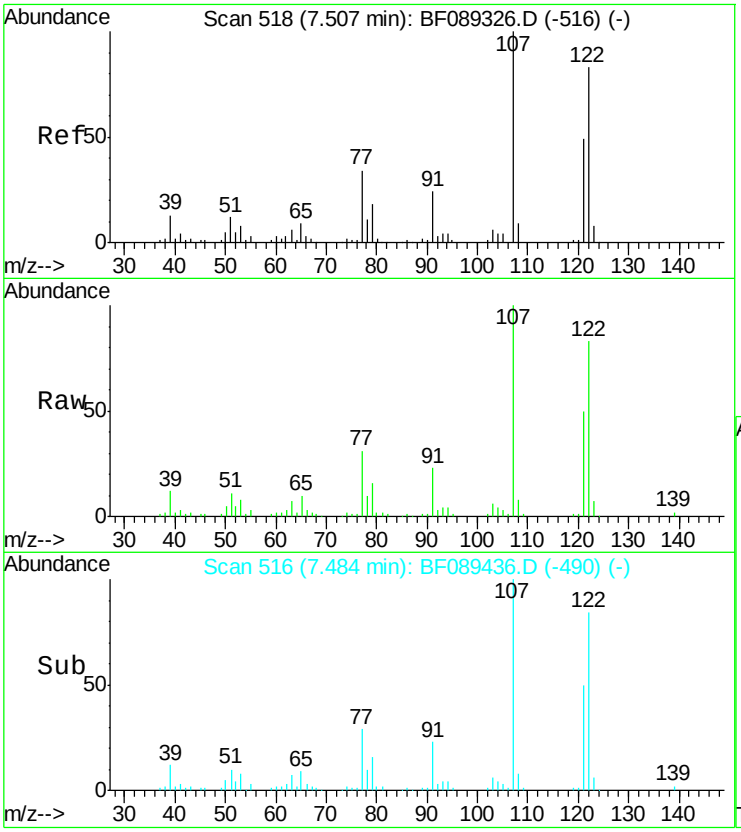


#26
2-Nitrophenol
Concen: 41.78 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:139 Resp: 62651

Ion	Ratio	Lower	Upper
139	100		
109	33.2	25.8	38.8
65	58.3	35.2	52.8#



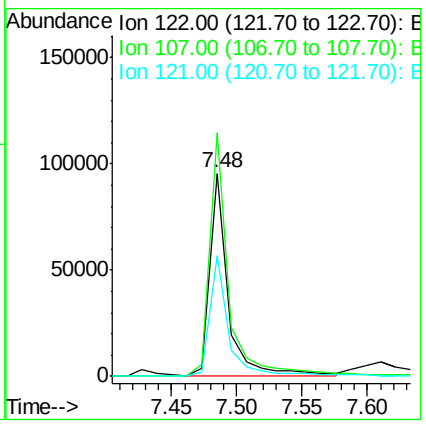


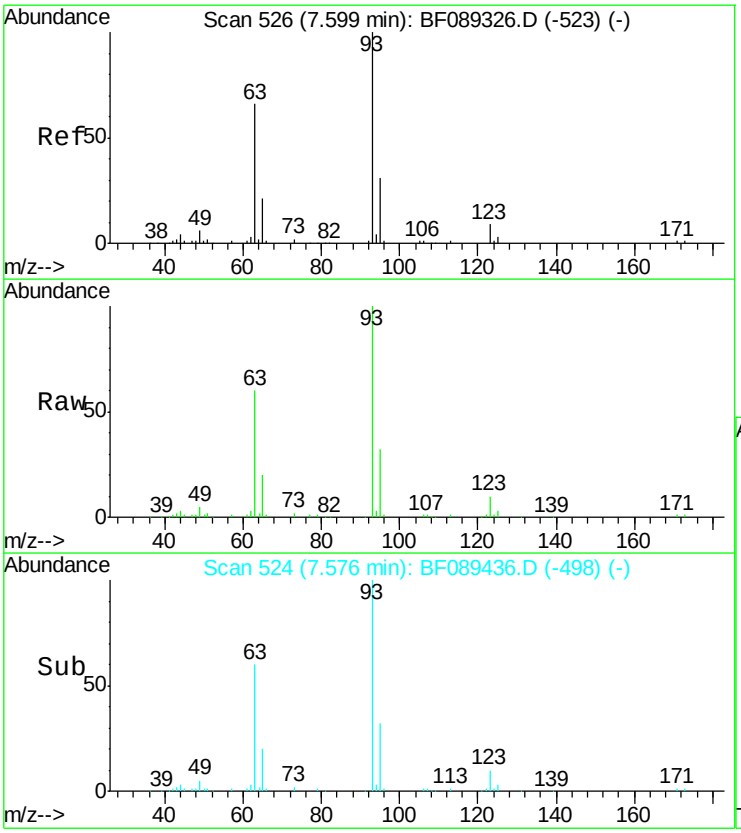
#27
2,4-Dimethylphenol
Concen: 40.23 ng
RT: 7.48 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:122 Resp: 96114

Ion	Ratio	Lower	Upper
122	100		
107	119.9	97.2	145.8
121	59.5	48.8	73.2

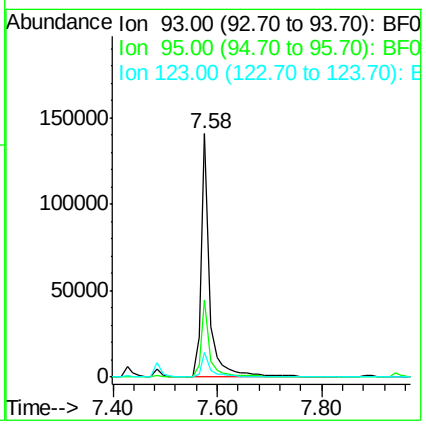


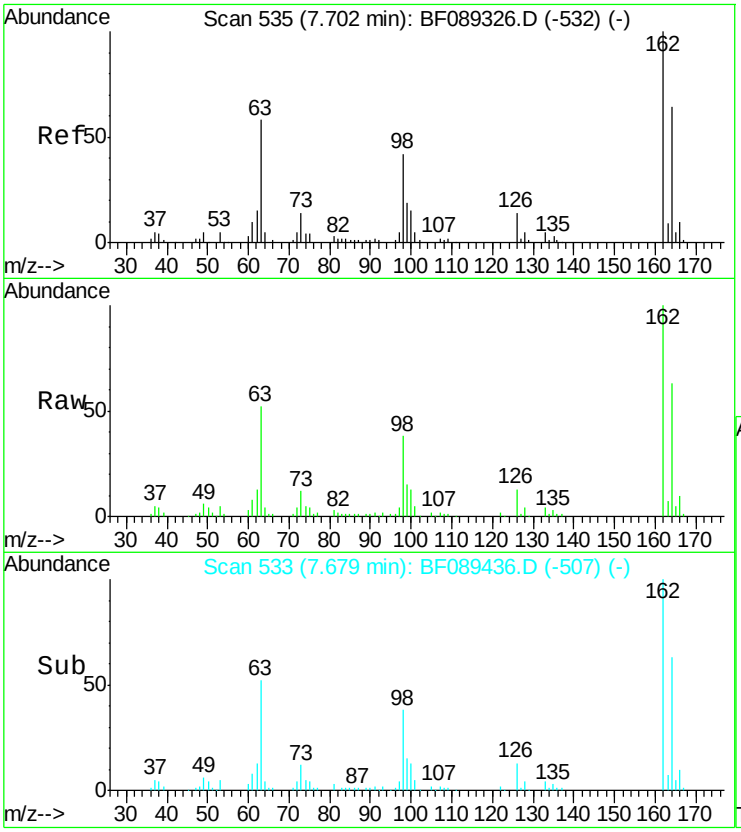


#28
bis(2-Chloroethoxy)methane
Concen: 49.69 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion: 93 Resp: 163297

Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.7	37.1
123	10.0	7.5	11.3



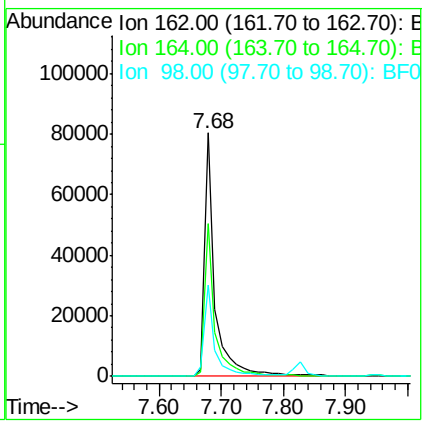


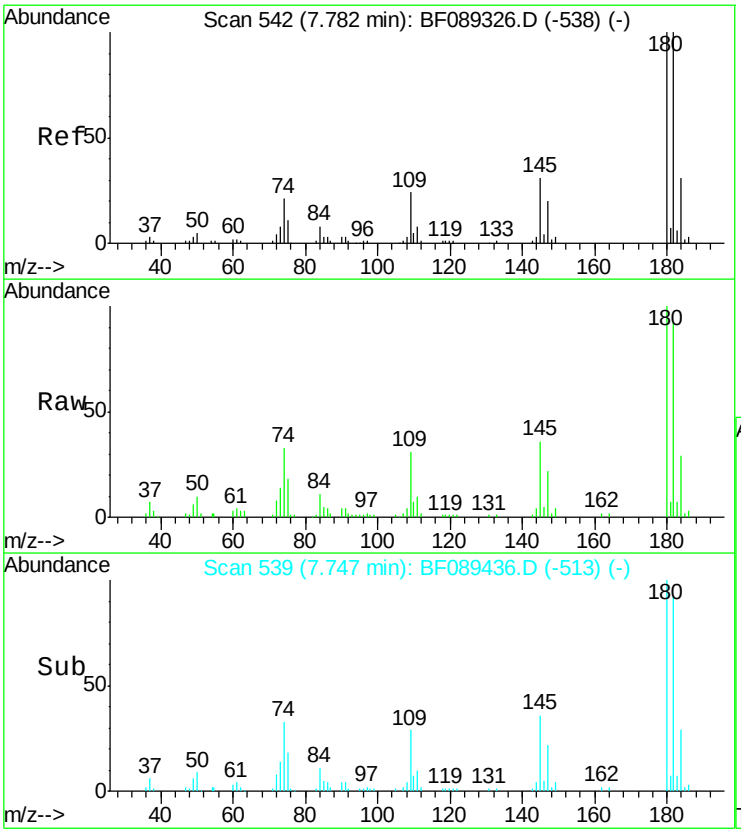
#29
2,4-Dichlorophenol
Concen: 43.23 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:162 Resp: 94100

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.0	84.0
98	37.6	21.8	61.8

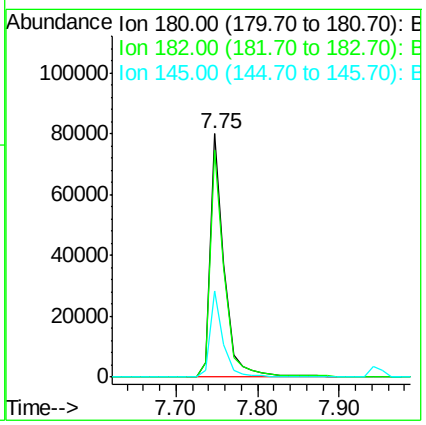


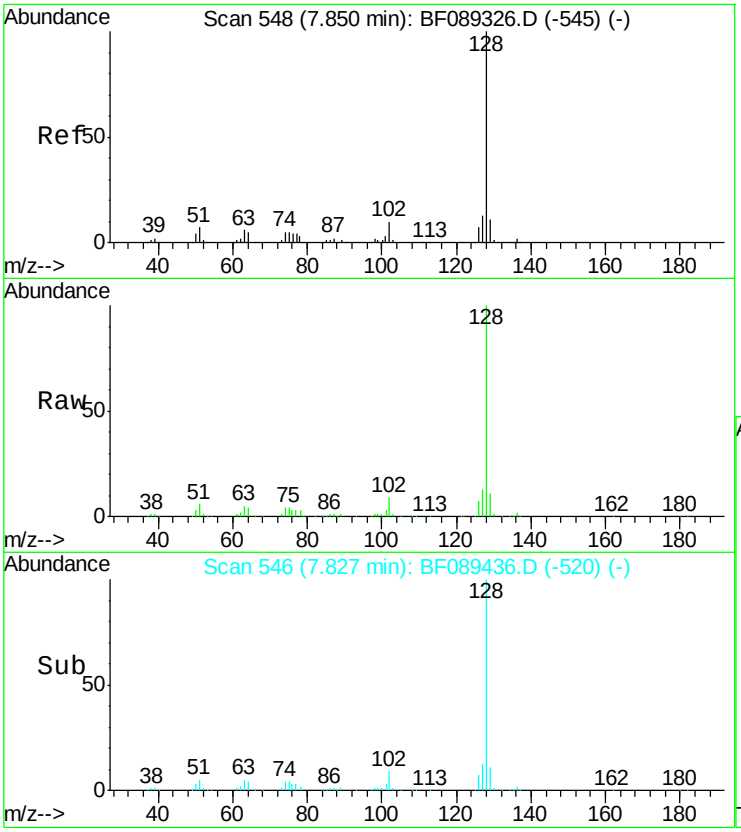


#30
1,2,4-Trichlorobenzene
Concen: 38.68 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:180 Resp: 96078

Ion	Ratio	Lower	Upper
180	100		
182	93.0	78.2	117.2
145	35.6	24.6	36.8



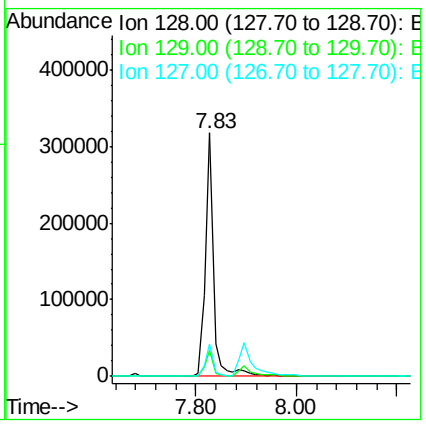


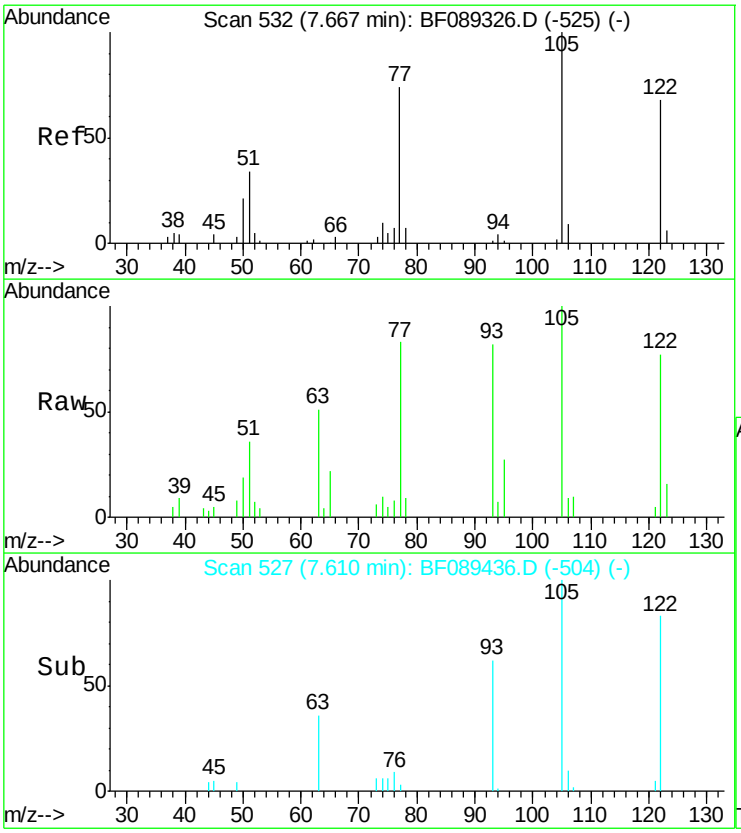
#31
Naphthalene
Concen: 41.93 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:128 Resp: 361132

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.1	10.8	16.2

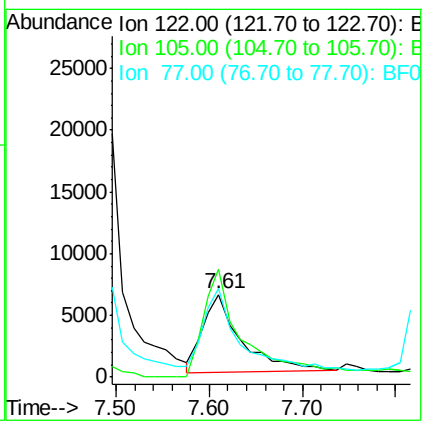


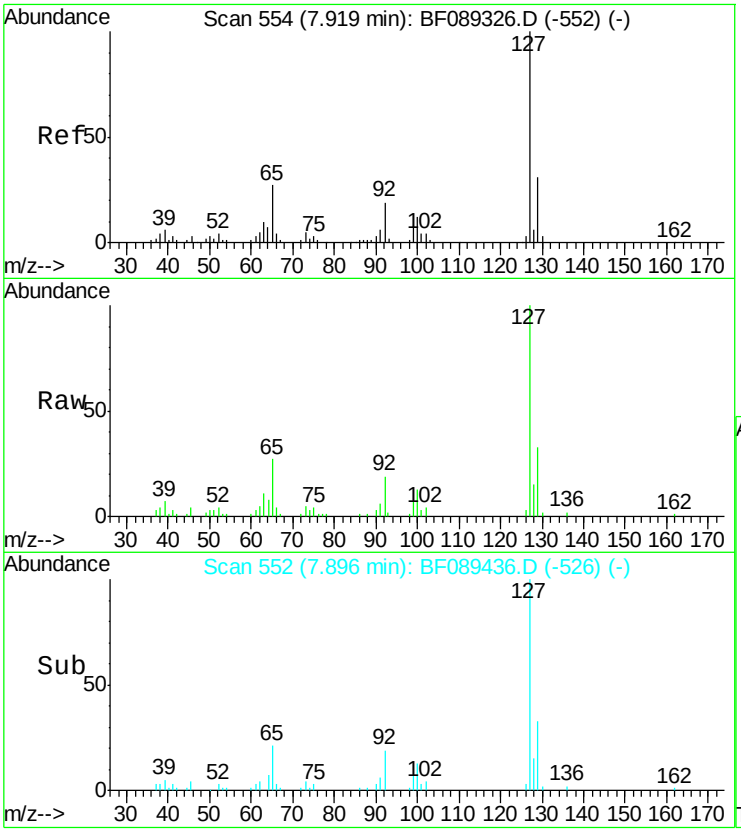


#32
Benzoic acid
Concen: 10.94 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:122 Resp: 18217

Ion	Ratio	Lower	Upper
122	100		
105	129.4	106.4	146.4
77	107.5	76.4	116.4



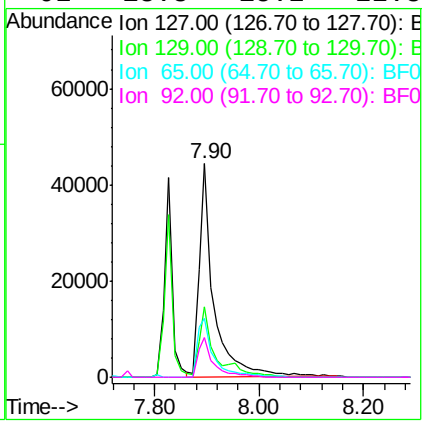


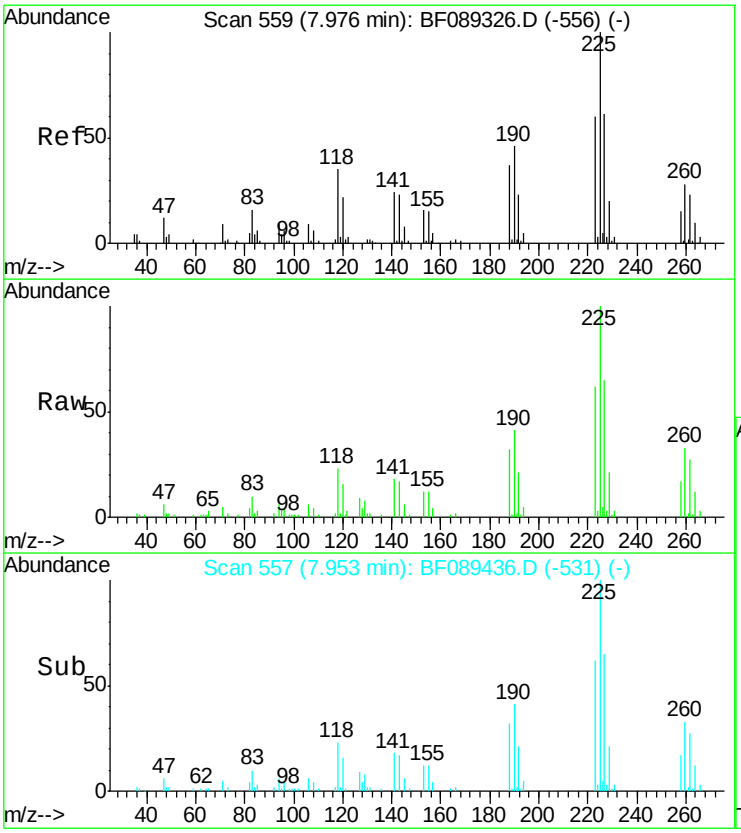
#33
4-Chloroaniline
Concen: 25.94 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:127 Resp: 85052

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	27.3	22.0	33.0
92	18.8	15.2	22.8

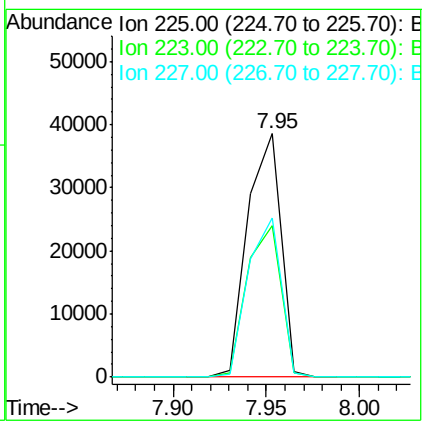


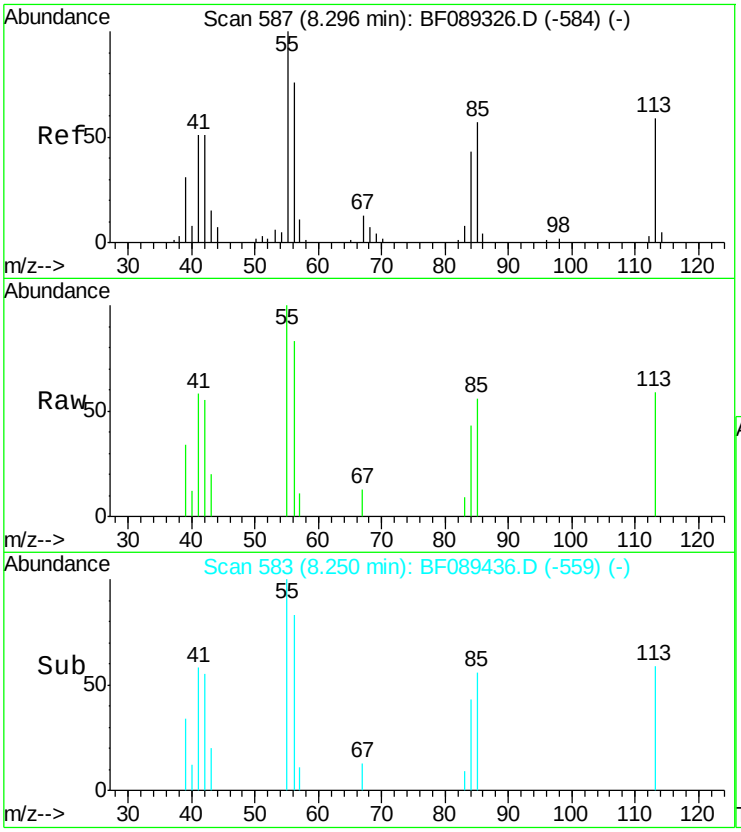


#34
Hexachlorobutadiene
Concen: 33.58 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:225 Resp: 47769

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	65.3	49.4	74.2



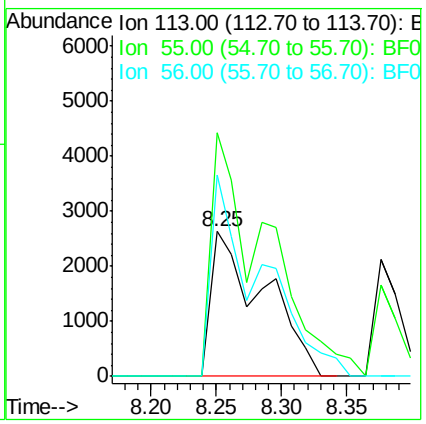


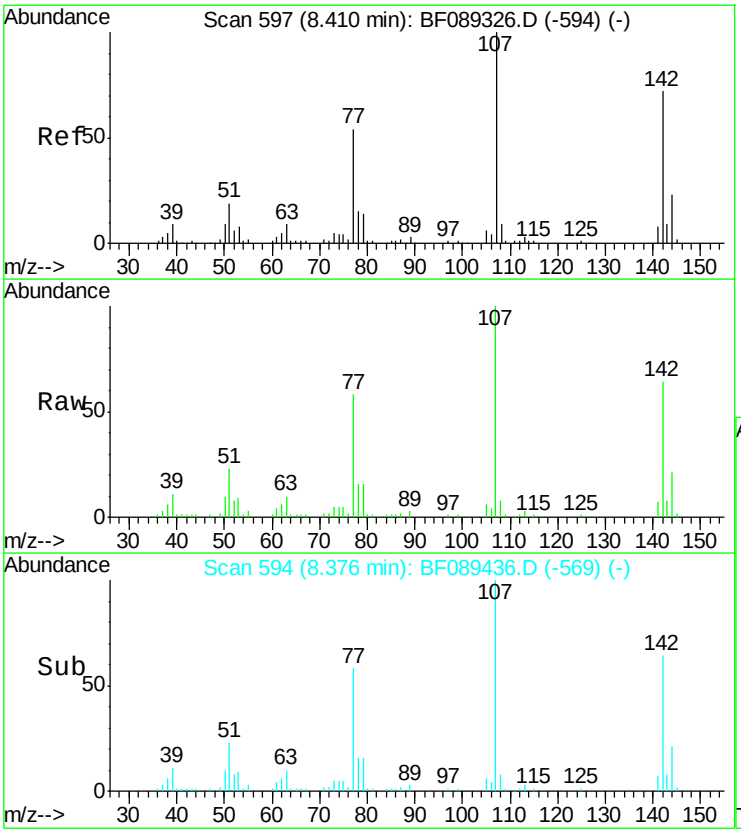
#35
Caprolactam
Concen: 11.41 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:113 Resp: 7494

Ion	Ratio	Lower	Upper
113	100		
55	168.3	142.3	182.3
56	139.2	105.8	145.8

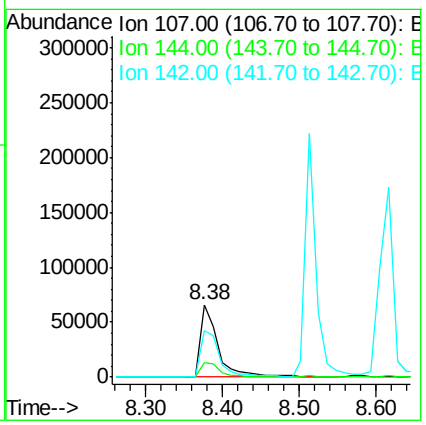


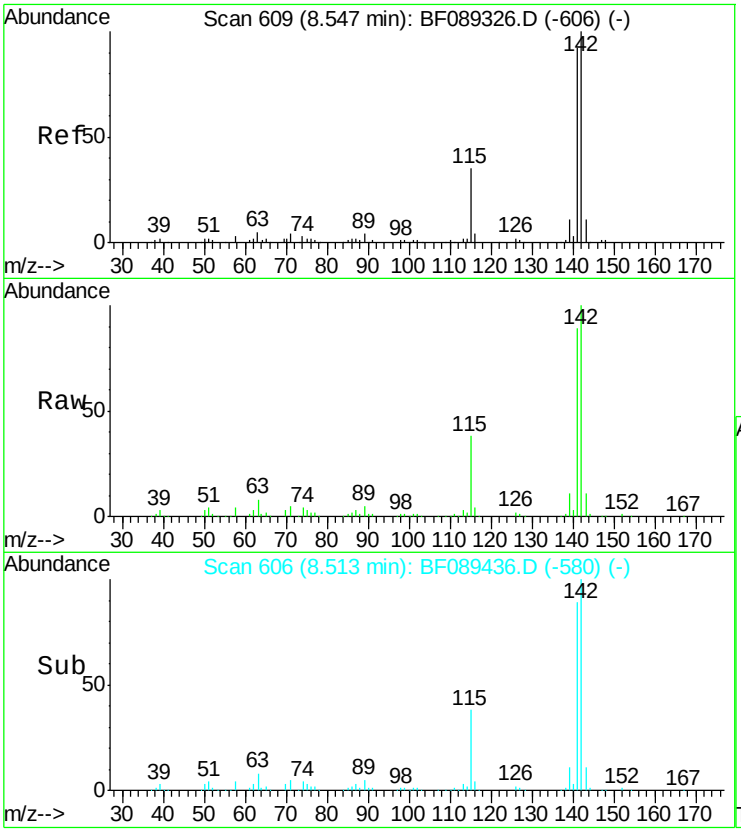


#36
4-Chloro-3-methylphenol
Concen: 40.19 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:107 Resp: 103965

Ion	Ratio	Lower	Upper
107	100		
144	20.6	18.4	27.6
142	63.6	58.6	87.8



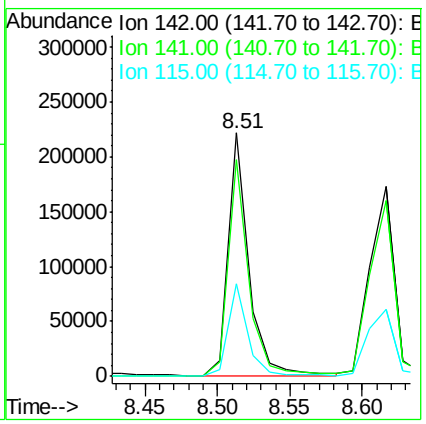


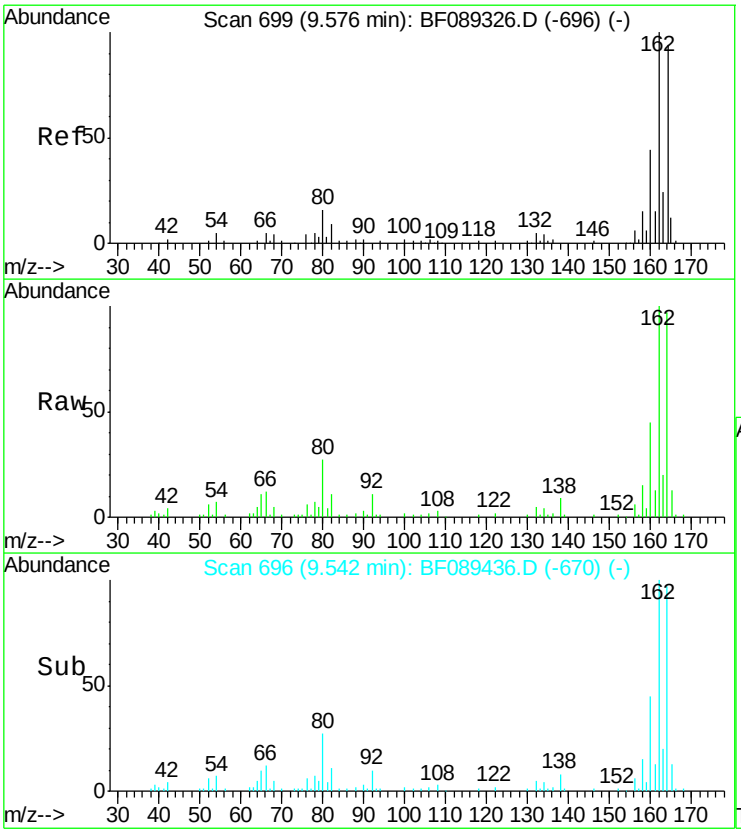
#37
2-Methylnaphthalene
Concen: 42.34 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:142 Resp: 219771

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	38.2	27.6	41.4

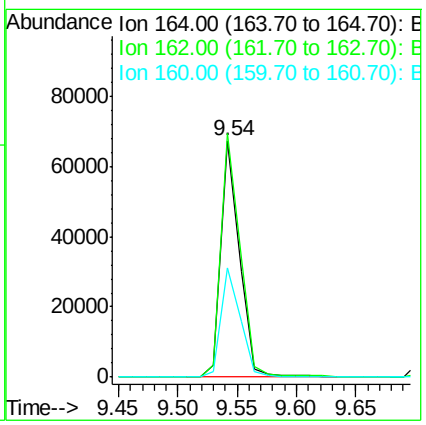


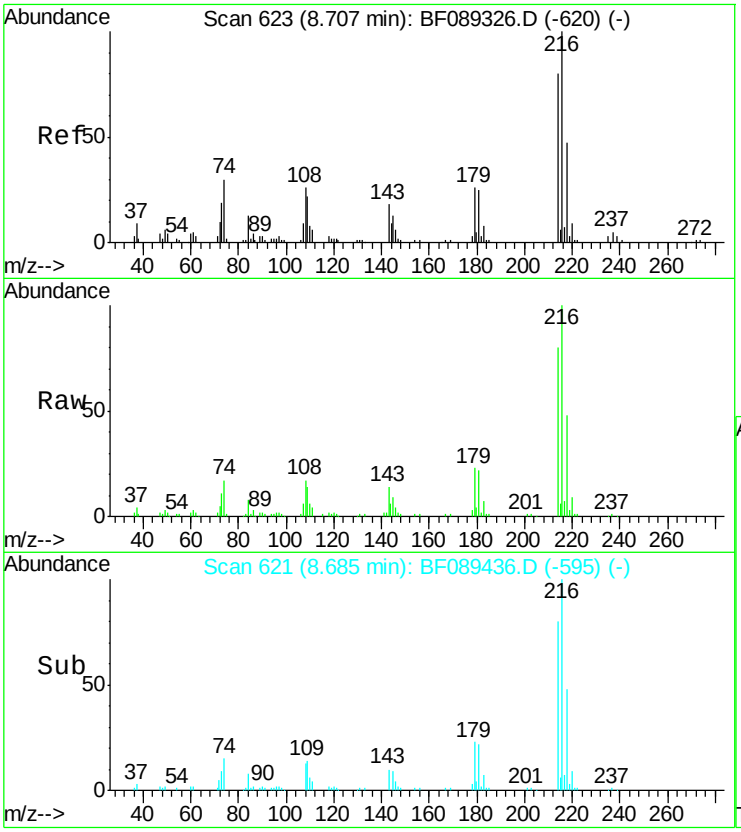


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:164 Resp: 72195

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.7	125.5
160	46.2	37.8	56.6



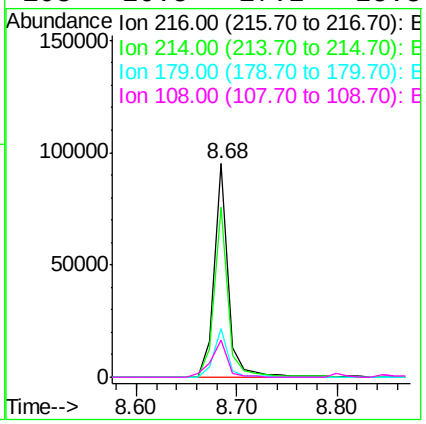


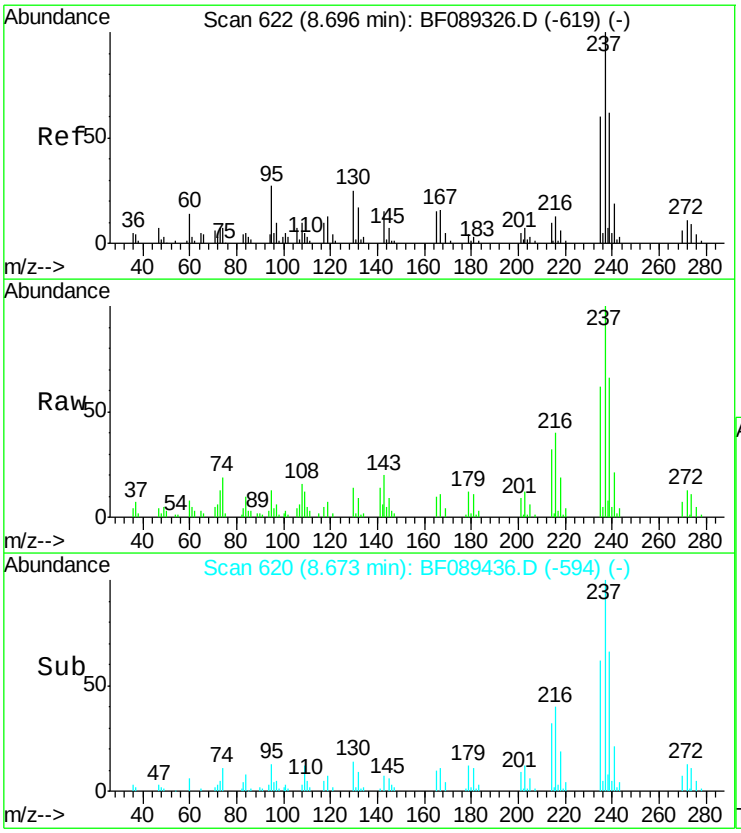
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.40 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:216 Resp: 91951

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.3	94.9
179	22.5	18.1	27.1
108	20.5	17.2	25.8

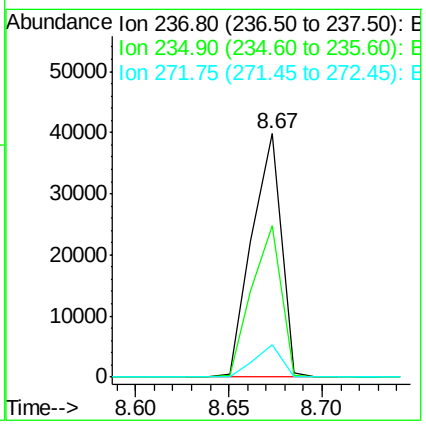


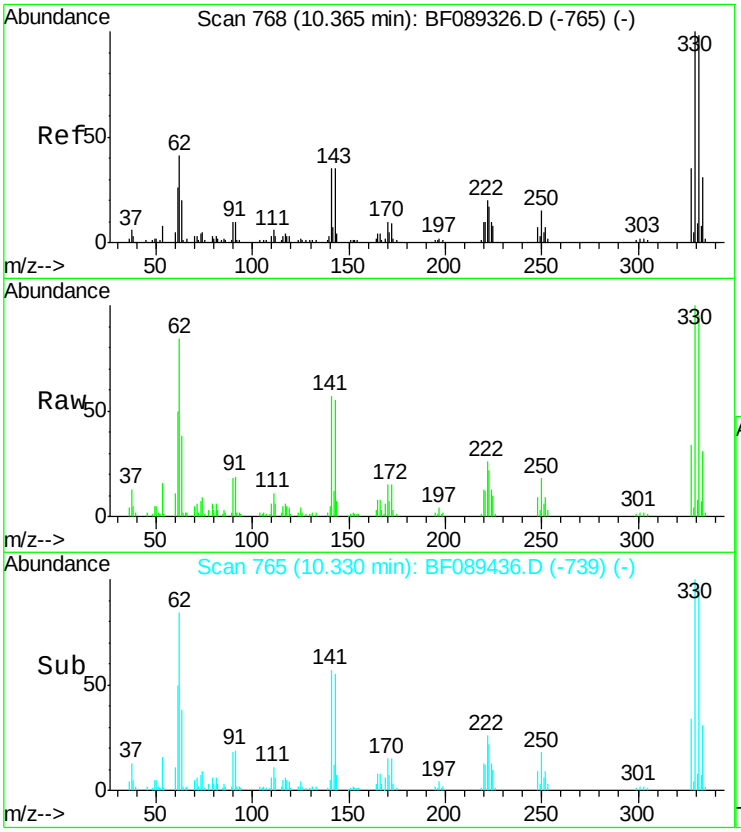


#40
Hexachlorocyclopentadiene
Concen: 62.37 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:237 Resp: 43324

Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.6	81.6
272	13.4	0.0	30.8



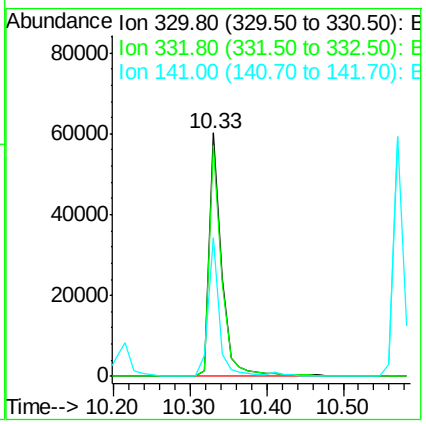


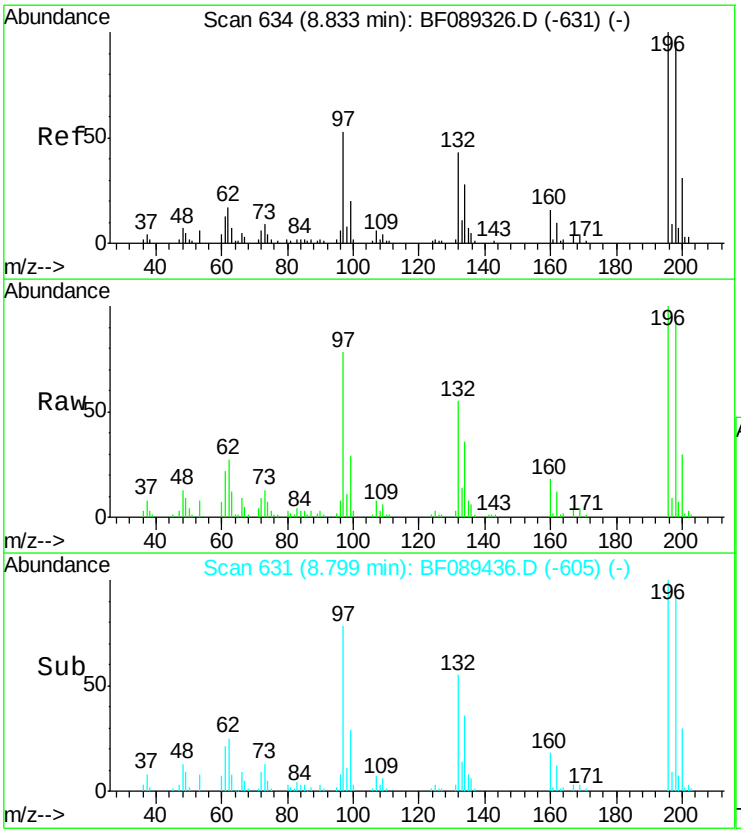
#41
2,4,6-Tribromophenol
Concen: 113.04 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:330 Resp: 67592

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.8	115.2
141	50.3	37.3	55.9

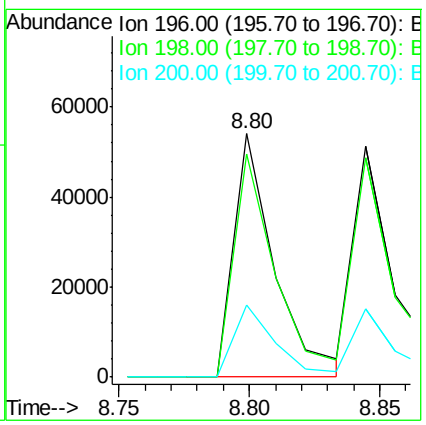


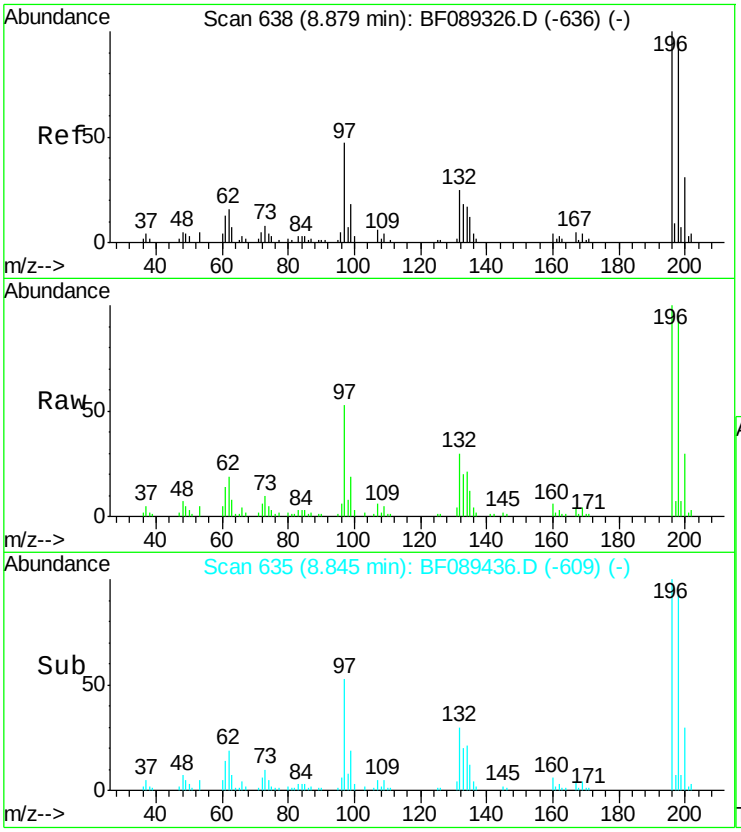


#42
2,4,6-Trichlorophenol
Concen: 49.27 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:196 Resp: 59181

Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.5	113.3
200	29.7	23.9	35.9



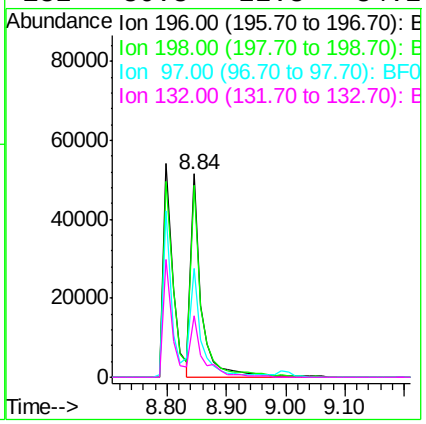


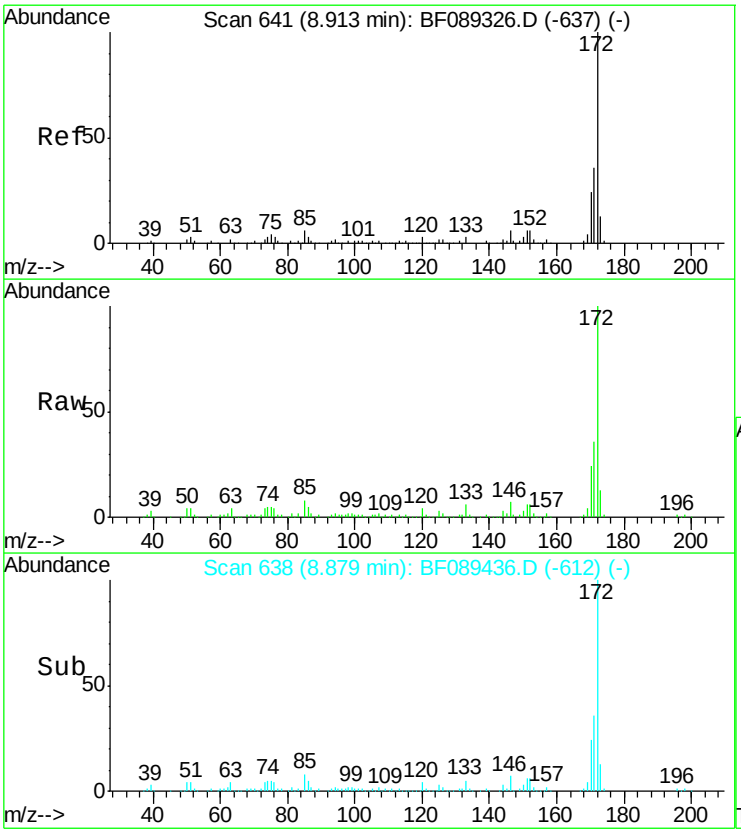
#43
2,4,5-Trichlorophenol
Concen: 43.12 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:196 Resp: 65609

Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.7	118.1
97	53.4	39.7	59.5
132	30.3	22.8	34.2

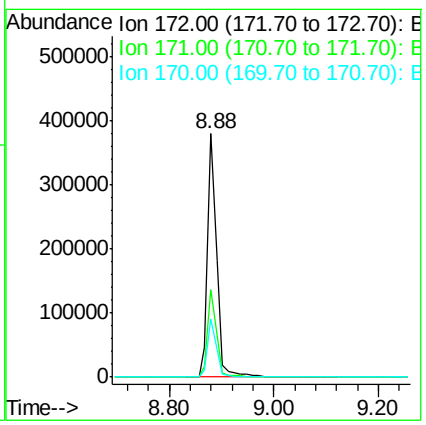


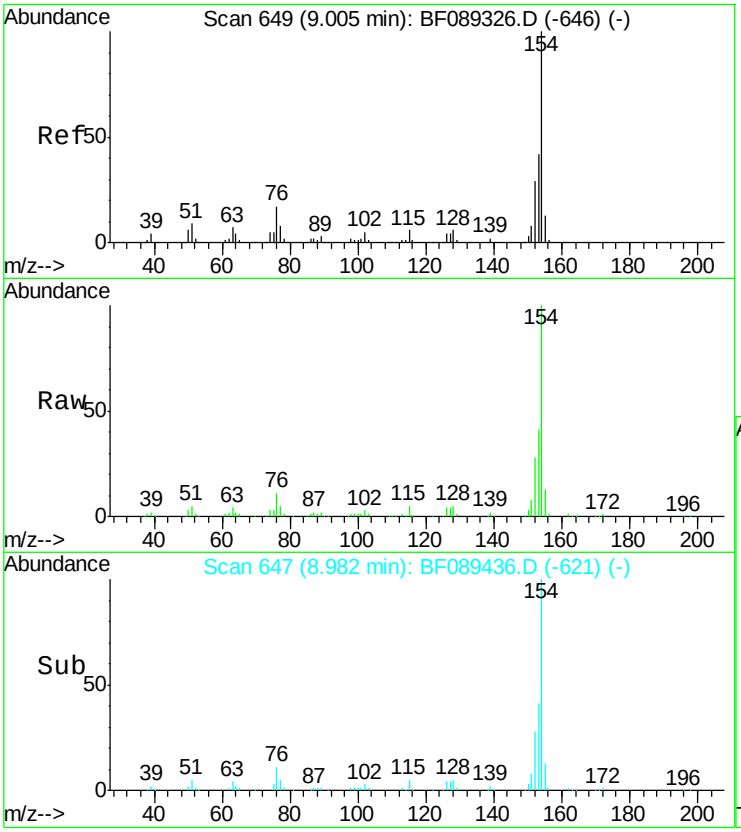


#44
2-Fluorobiphenyl
Concen: 93.06 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:172 Resp: 457794

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.8	19.2	28.8



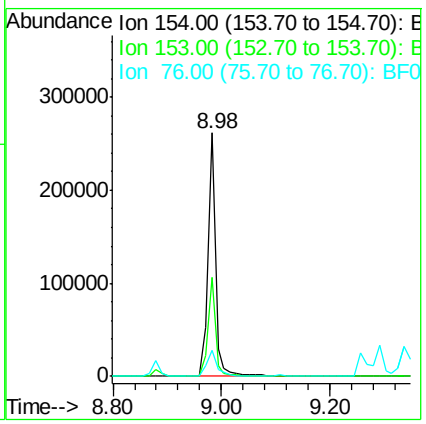


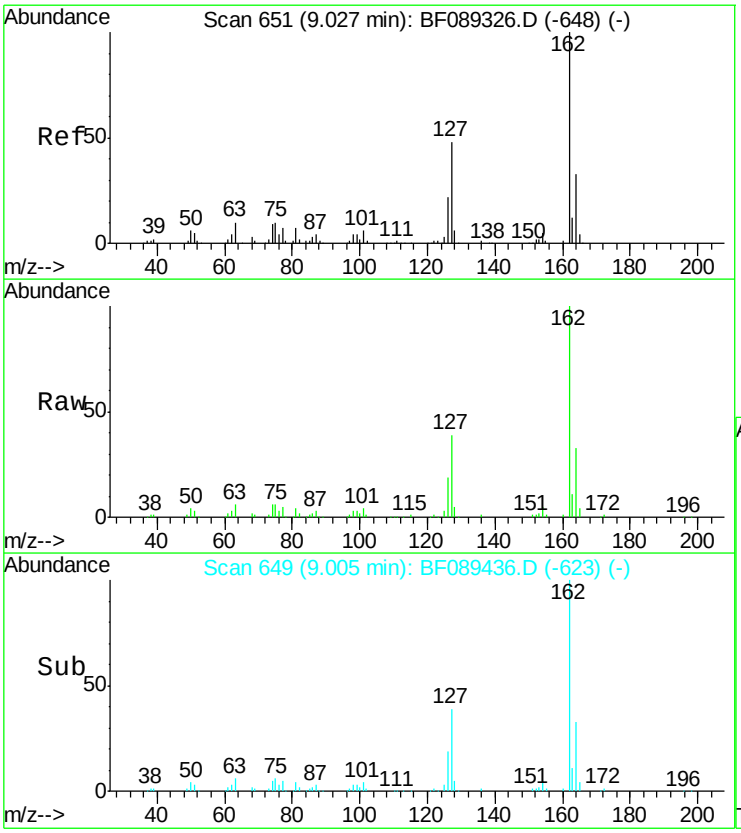
#45
1,1'-Biphenyl
Concen: 41.78 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:154 Resp: 256813

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.0	61.0
76	10.8	0.0	36.6

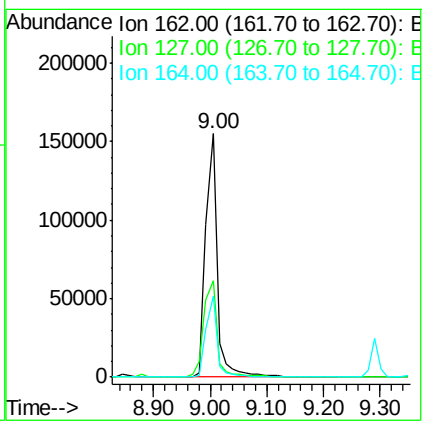


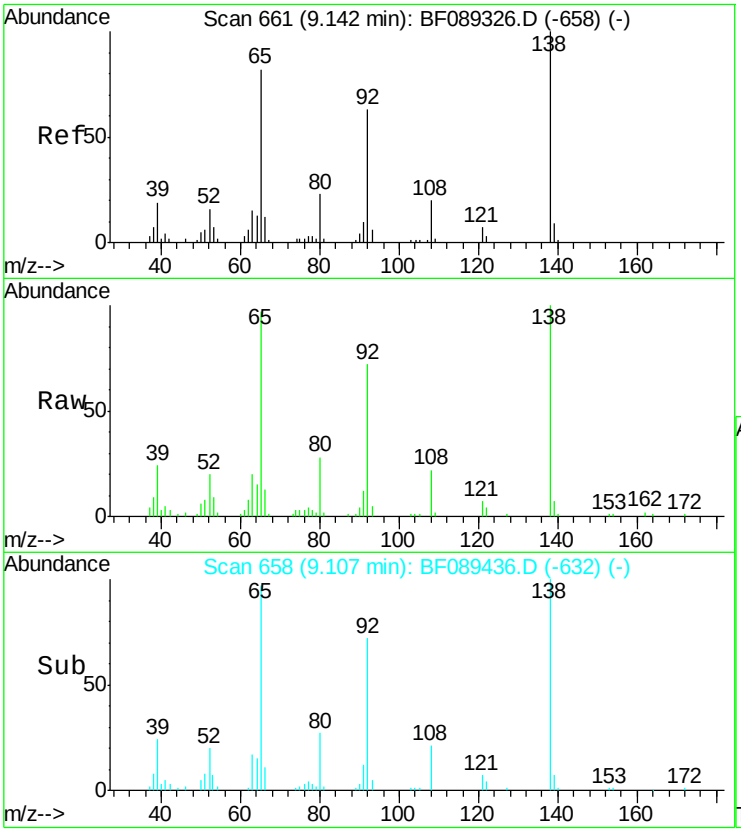


#46
2-Chloronaphthalene
Concen: 45.29 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:162 Resp: 209072

Ion	Ratio	Lower	Upper
162	100		
127	39.4	37.8	56.8
164	33.4	25.8	38.8



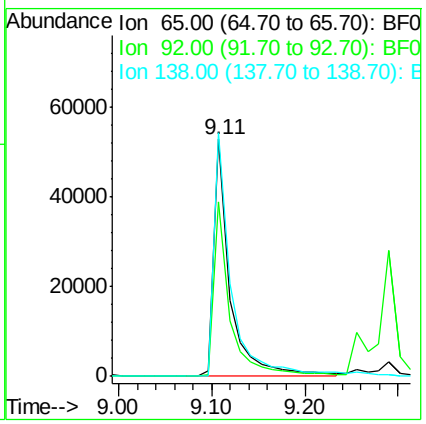


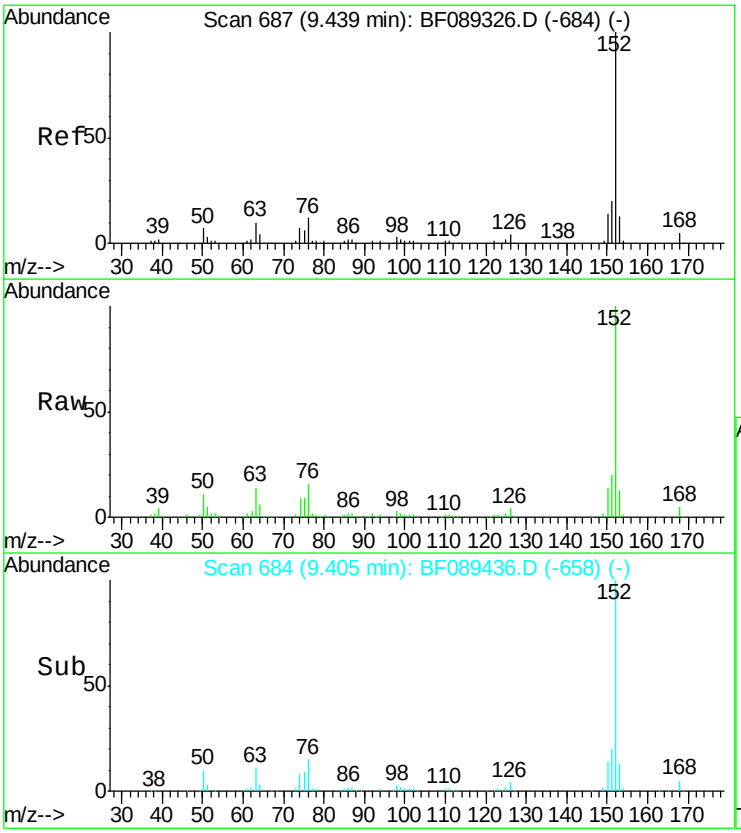
#47
2-Nitroaniline
Concen: 46.95 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion: 65 Resp: 64187

Ion	Ratio	Lower	Upper
65	100		
92	73.7	61.0	91.4
138	102.9	99.1	148.7

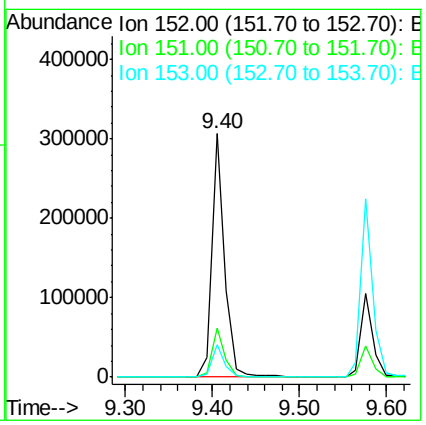


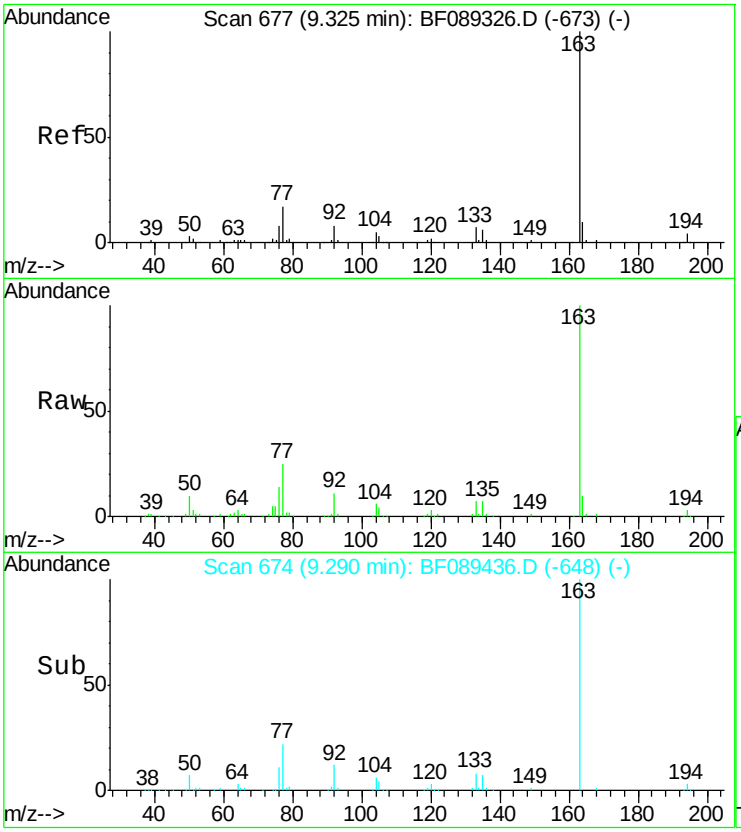


#48
Acenaphthylene
Concen: 43.85 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:152 Resp: 318878

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.1	10.2	15.4



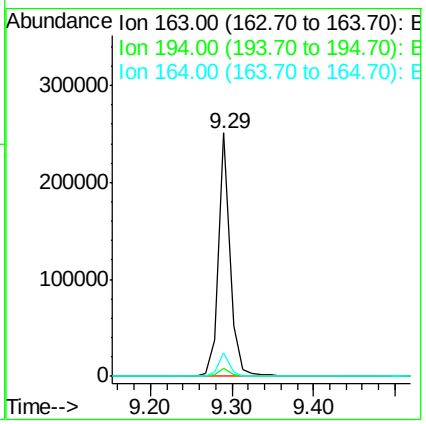


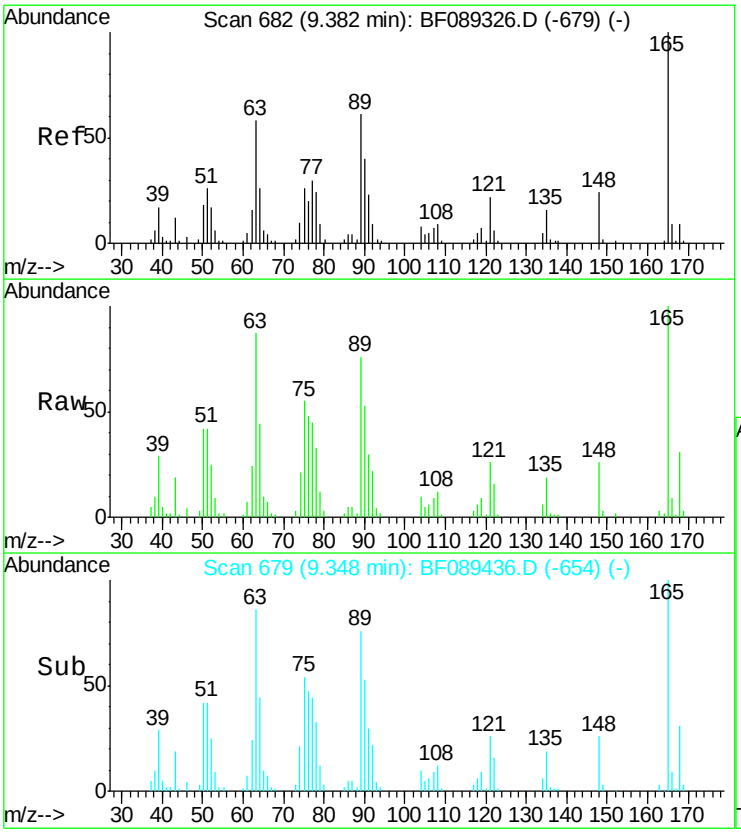
#49
Dimethylphthalate
Concen: 44.90 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:163 Resp: 246701

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.9	7.8	11.8

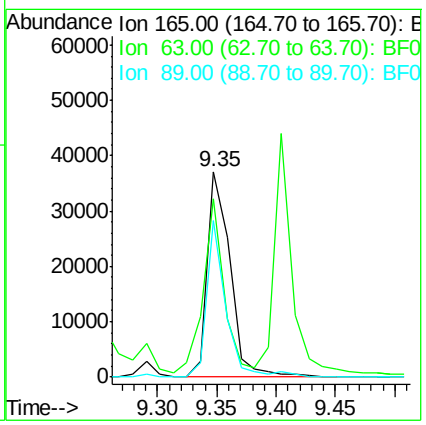


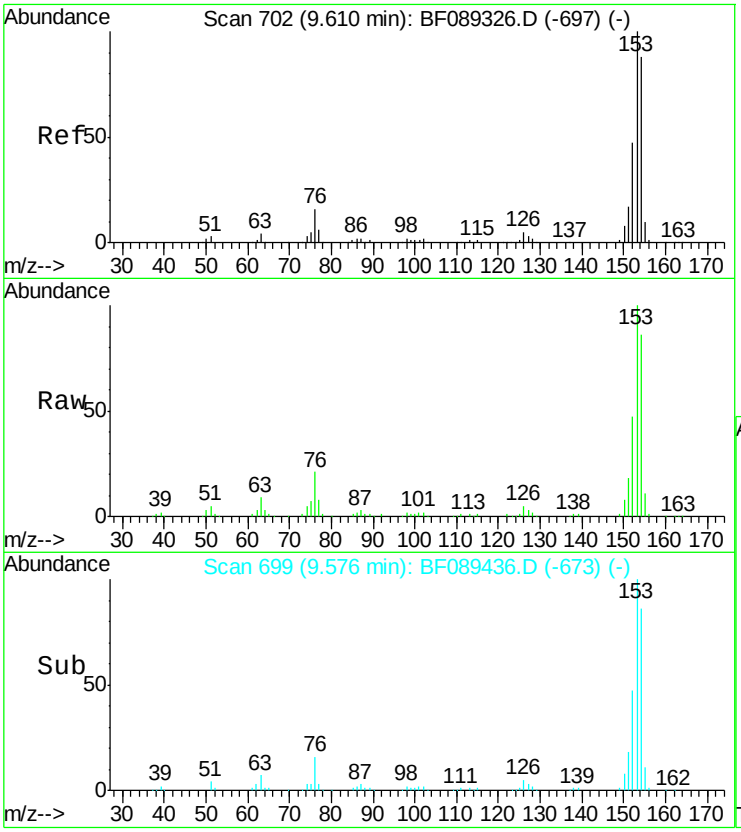


#50
2,6-Dinitrotoluene
Concen: 43.98 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:165 Resp: 49651

Ion	Ratio	Lower	Upper
165	100		
63	87.1	43.5	65.3#
89	76.2	45.0	67.4#



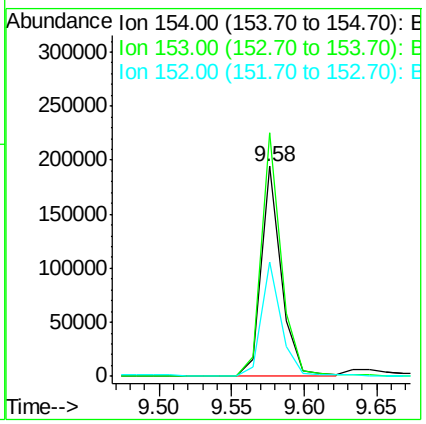


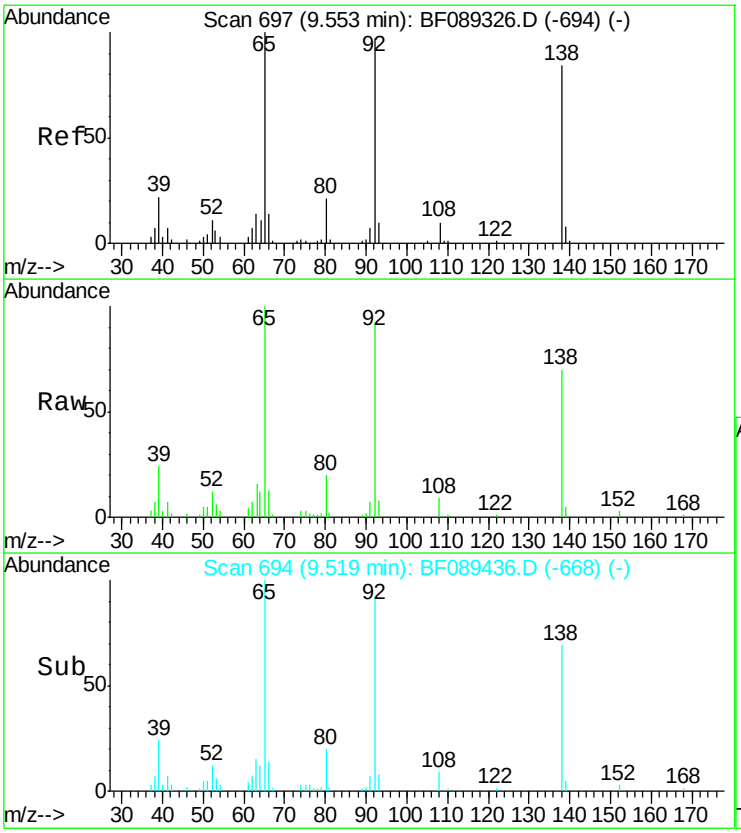
#51
Acenaphthene
Concen: 43.69 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:154 Resp: 185522

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.4	137.2
152	54.6	43.8	65.6

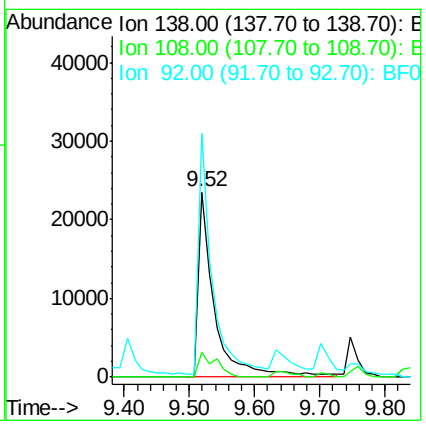


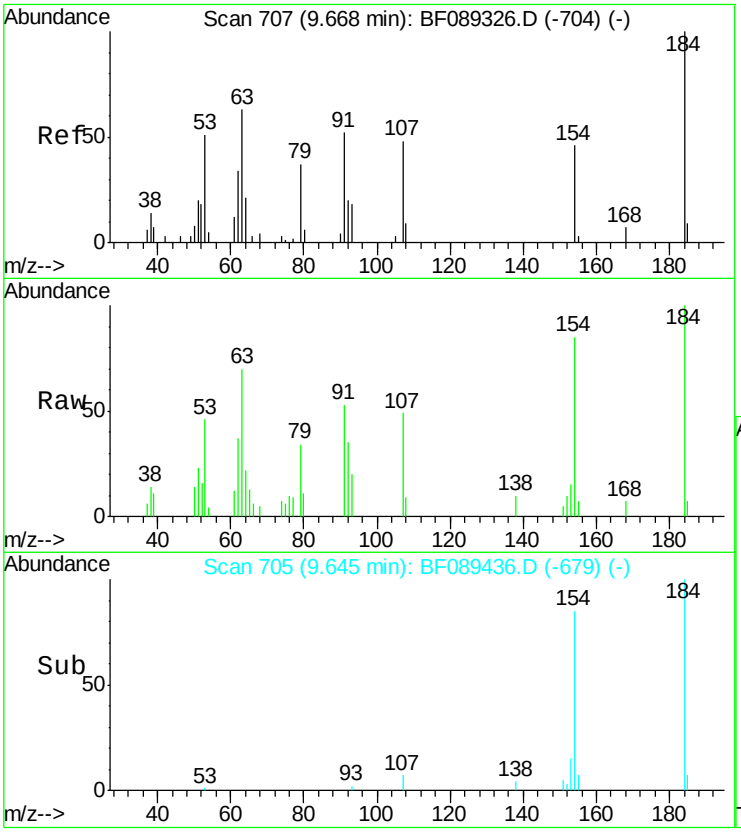


#52
3-Nitroaniline
Concen: 33.84 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:138 Resp: 40311

Ion	Ratio	Lower	Upper
138	100		
108	13.1	8.6	13.0#
92	131.4	90.0	135.0



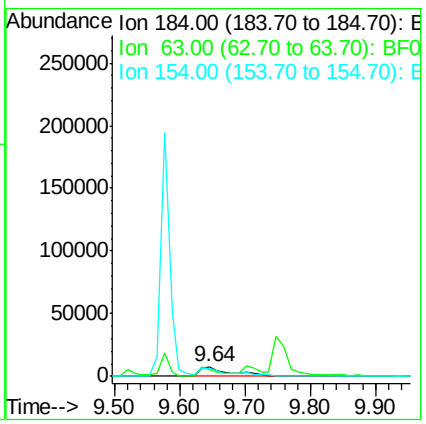


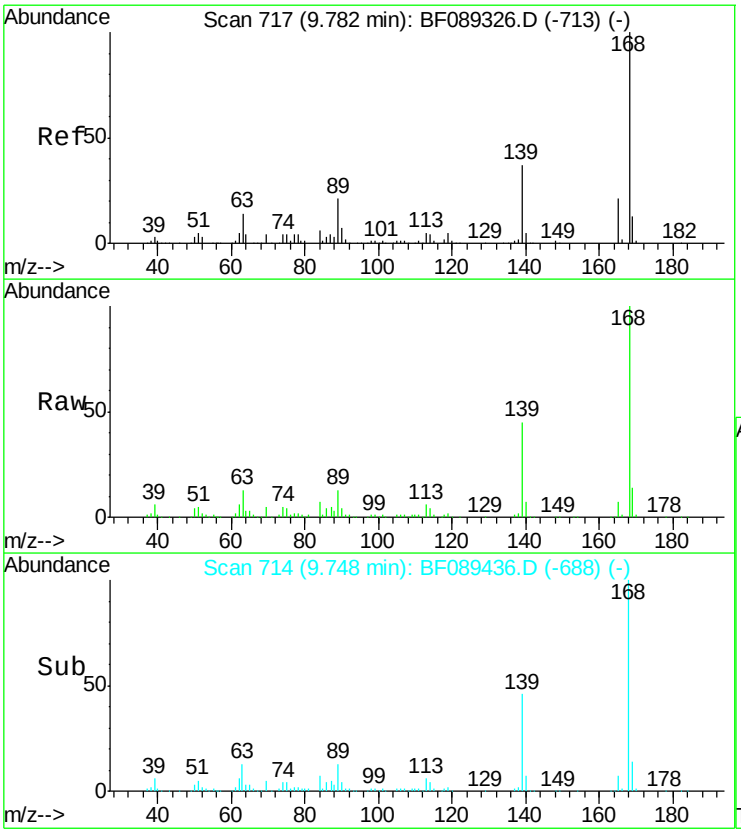
#53
2,4-Dinitrophenol
Concen: 56.45 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:184 Resp: 24676

Ion	Ratio	Lower	Upper
184	100		
63	70.5	60.6	90.8
154	85.1	69.8	104.8

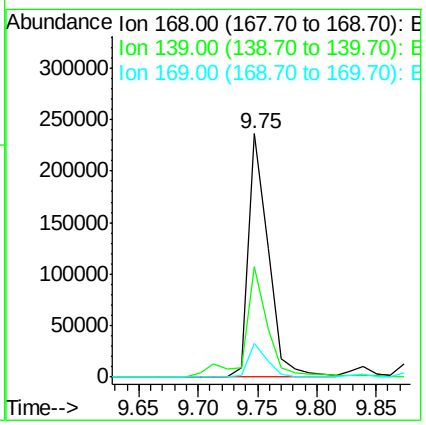


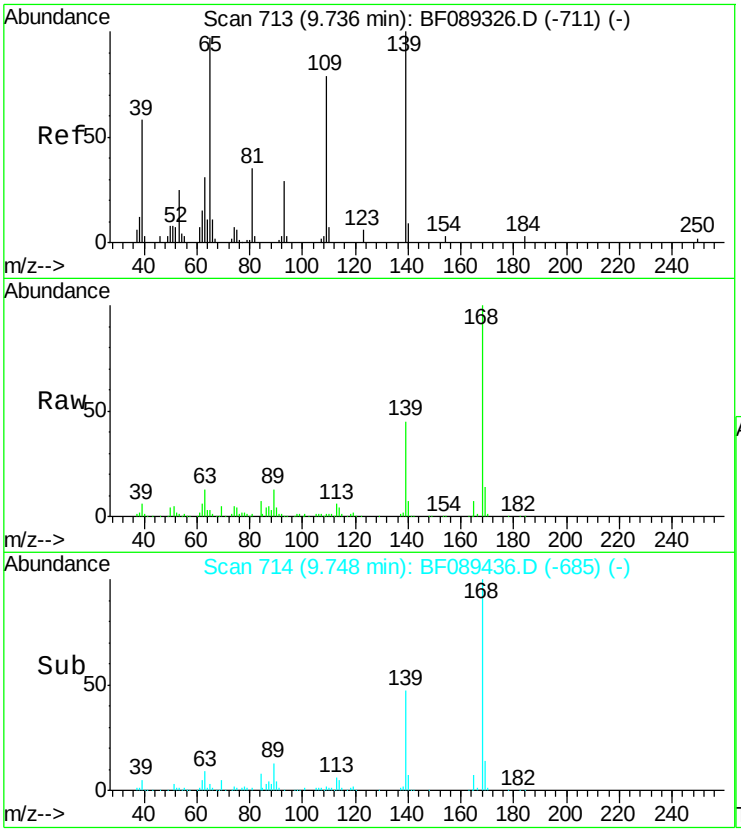


#54
Dibenzofuran
Concen: 47.89 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:168 Resp: 277085

Ion	Ratio	Lower	Upper
168	100		
139	45.4	33.7	50.5
169	13.7	10.7	16.1



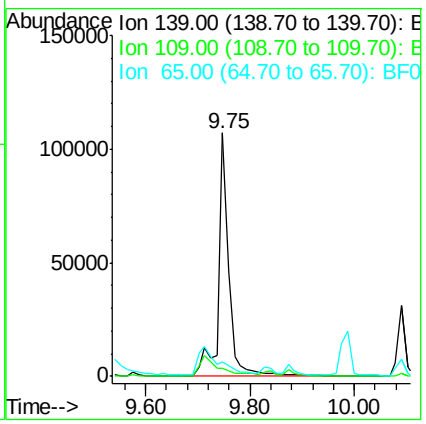


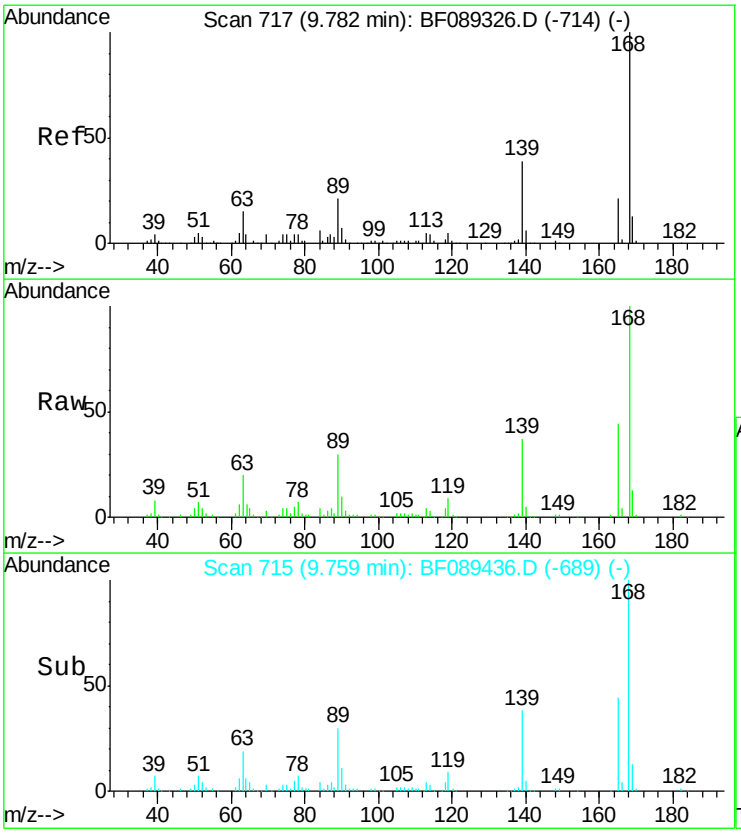
#55
4-Nitrophenol
Concen: 243.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.03 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:139 Resp: 148924

Ion	Ratio	Lower	Upper
139	100		
109	3.2	57.8	97.8#
65	6.0	81.7	121.7#

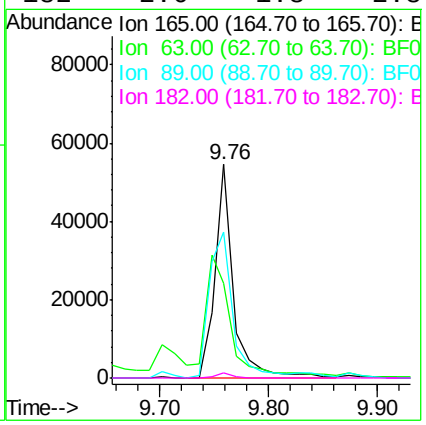


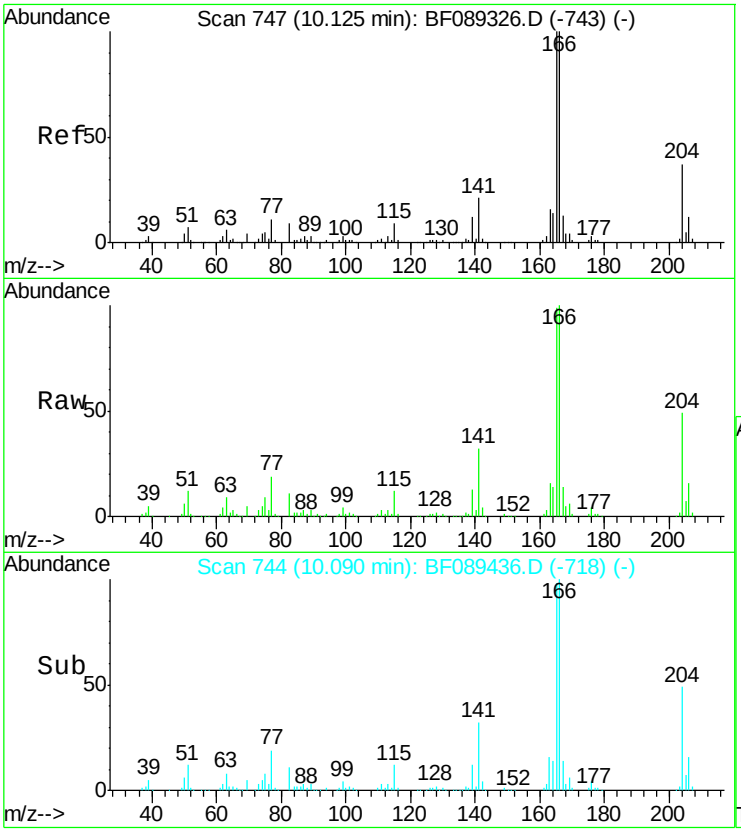


#56
2,4-Dinitrotoluene
Concen: 43.93 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:165 Resp: 65298

Ion	Ratio	Lower	Upper
165	100		
63	44.5	58.2	87.2#
89	68.2	79.1	118.7#
182	2.6	1.8	2.8



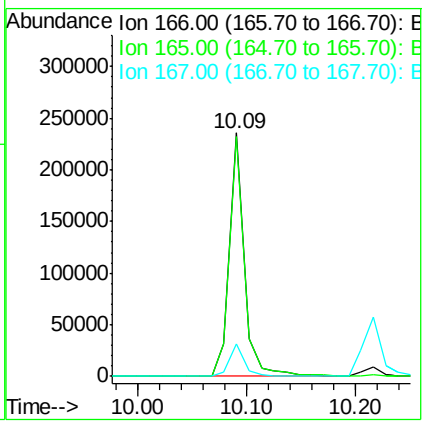


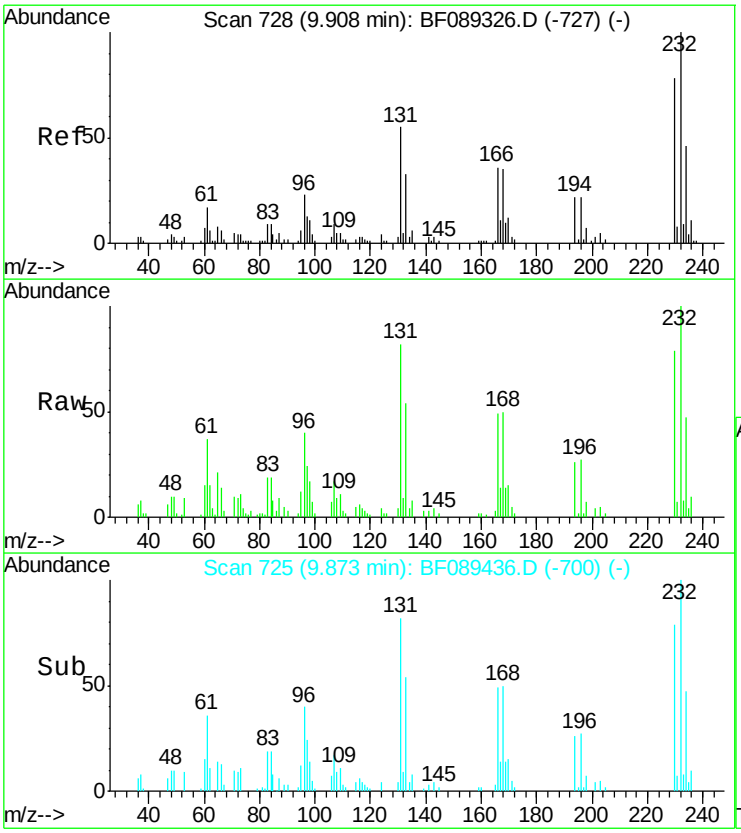
#57
Fluorene
Concen: 44.33 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Instrument :
BNA_F
ClientSampleId :
GW-44-8.6-15.0MSD

Tgt Ion:166 Resp: 223908

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.6	10.2	15.2





#58
2,3,4,6-Tetrachlorophenol
Concen: 46.86 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF089436.D
Acq: 30 Jul 2016 4:41

Tgt Ion:232 Resp: 47604

Ion	Ratio	Lower	Upper
232	100		
131	56.8	42.7	64.1
130	2.3	1.7	2.5
166	35.6	25.7	38.5