Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041017\
Data File : BG026610.D
Acq On : 10 Apr 2017 16:48
Operator : SJ/MA
Sample : 40 PPB(EPA-STD+SURR)
Misc : For Confirmation
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40 PPB(EPA-STD+SURR)

Quant Time: Apr 11 03:39:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 03:24:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	179497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	763112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	462025	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	1095552	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1197043	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1203142	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.20	99	558376	42.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	317463	42.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	486743	41.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	456579	42.88	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	246967	45.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	293251	45.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	494827	42.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	653016	55.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.04	166	1505976	42.09	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1843032	41.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	303113	43.55	ng/ul	0.00
57) Fluorene-d10	15.63	176	1331864	40.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	310120	44.02	ng/ul	0.00
70) Anthracene-d10	17.47	188	2018045	40.56	ng/ul	0.00
78) Pyrene-d10	19.75	212	2245887	42.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	2199721	42.55	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.22	94	550926	39.91	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.45	93	439817	41.75	ng/ul	94
10) 2-Chlorophenol	7.60	128	456932	39.85	ng/ul	98
11) 2-Methylphenol	8.47	108	437849	40.57	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	416738	41.95	ng/ul	99
14) Acetophenone	8.85	105	675701	42.25	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.84	70	316548	42.63	ng/ul	95
16) 4-Methylphenol	8.80	108	468732	40.12	ng/ul	99
17) Hexachloroethane	9.12	117	169716	39.97	ng/ul	86
20) Nitrobenzene	9.24	77	451004	41.62	ng/ul	93
21) Isophorone	9.76	82	886762	42.98	ng/ul	93
23) 2-Nitrophenol	9.95	139	289917	43.12	ng/ul#	86
24) 2,4-Dimethylphenol	10.01	107	489693	40.55	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.23	93	587655	41.22	ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	458668	39.59	ng/ul	97
28) Naphthalene	10.89	128	1452342	39.66	ng/ul	98
30) 4-Chloroaniline	10.99	127	596484	53.55	ng/ul	97
31) Hexachlorobutadiene	11.17	225	294030	39.88	ng/ul	98
33) 4-Chloro-3-methylphenol	12.10	107	455032	40.56	ng/ul	87
34) 2-Methylnaphthalene	12.48	142	1136870	40.14	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	561573	38.61	ng/ul#	97
37) Hexachlorocyclopentadiene	12.83	237	298209	41.04	ng/ul	97
38) 2,4,6-Trichlorophenol	13.08	196	387483	40.15	ng/ul	99

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Sample : 40 PPB(EPA-STD+SURR)
Misc : For Confirmation
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40 PPB(EPA-STD+SURR)

Quant Time: Apr 11 03:39:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 03:24:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) 2,4,5-Trichlorophenol	13.15	196	396099	39.87 ng/ul	98
40) 1,1'-Biphenyl	13.48	154	1454533	39.24 ng/ul	98
41) 2-Chloronaphthalene	13.52	162	1094525	39.12 ng/ul	92
42) 2-Nitroaniline	13.72	65	282721	43.46 ng/ul	92
44) Dimethylphthalate	14.09	163	1369443	39.50 ng/ul#	97
45) 2,6-Dinitrotoluene	14.21	165	323272	43.20 ng/ul	87
47) Acenaphthylene	14.36	152	1723876	38.84 ng/ul	94
48) 3-Nitroaniline	14.54	138	356662	51.74 ng/ul#	91
49) Acenaphthene	14.71	153	1200610	38.98 ng/ul	99
50) 2,4-Dinitrophenol	14.75	184	180377	42.80 ng/ul#	80
52) 4-Nitrophenol	14.85	109	156224	42.30 ng/ul#	60
53) Dibenzofuran	15.04	168	1709936	39.04 ng/ul	91
54) 2,4-Dinitrotoluene	15.00	165	471159	43.55 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.26	232	382886	40.07 ng/ul#	90
56) Diethylphthalate	15.45	149	1403463	40.72 ng/ul	94
58) Fluorene	15.69	166	1407314	38.65 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	698769	39.07 ng/ul#	86
60) 4-Nitroaniline	15.70	138	379977	44.22 ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.76	198	316299	42.78 ng/ul#	86
64) N-Nitrosodiphenylamine	15.89	169	1229193	39.22 ng/ul	95
65) 4-Bromophenyl-phenylether	16.56	248	478316	39.70 ng/ul#	85
66) Hexachlorobenzene	16.69	284	521081	40.34 ng/ul#	86
68) Pentachlorophenol	17.03	266	303935	39.54 ng/ul	99
69) Phenanthrene	17.42	178	2180355	37.98 ng/ul	94
71) Anthracene	17.51	178	2241885	38.17 ng/ul	93
74) Carbazole	17.77	167	2080288	41.20 ng/ul	95
75) Di-n-butylphthalate	18.32	149	2364432	39.72 ng/ul	96
76) Fluoranthene	19.42	202	2549225	41.56 ng/ul	96
79) Pyrene	19.78	202	2573907	38.62 ng/ul	95
80) Butylbenzylphthalate	20.65	149	1094300	41.51 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.52	252	1051044	50.59 ng/ul	99
82) Benzo(a)anthracene	21.60	228	2514938	38.85 ng/ul	92
83) Bis(2-ethylhexyl)phthalate	21.50	149	1539345	40.86 ng/ul#	91
84) Chrysene	21.67	228	2314574	38.67 ng/ul	94
86) Di-n-octyl phthalate	22.68	149	2644798	42.73 ng/ul#	97
87) Benzo(b)fluoranthene	23.79	252	2661412	39.00 ng/ul	97
88) Benzo(k)fluoranthene	23.85	252	2635192	40.43 ng/ul	97
90) Benzo(a)pyrene	24.65	252	2642889	40.03 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.42	276	3251425	40.84 ng/ul#	94
92) Dibenzo(a,h)anthracene	28.47	278	2743883	41.29 ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	2701374	40.80 ng/ul	98

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

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Misc : For Confirmation
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Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Quant Time: Apr 11 03:39:30 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 03:24:57 2017
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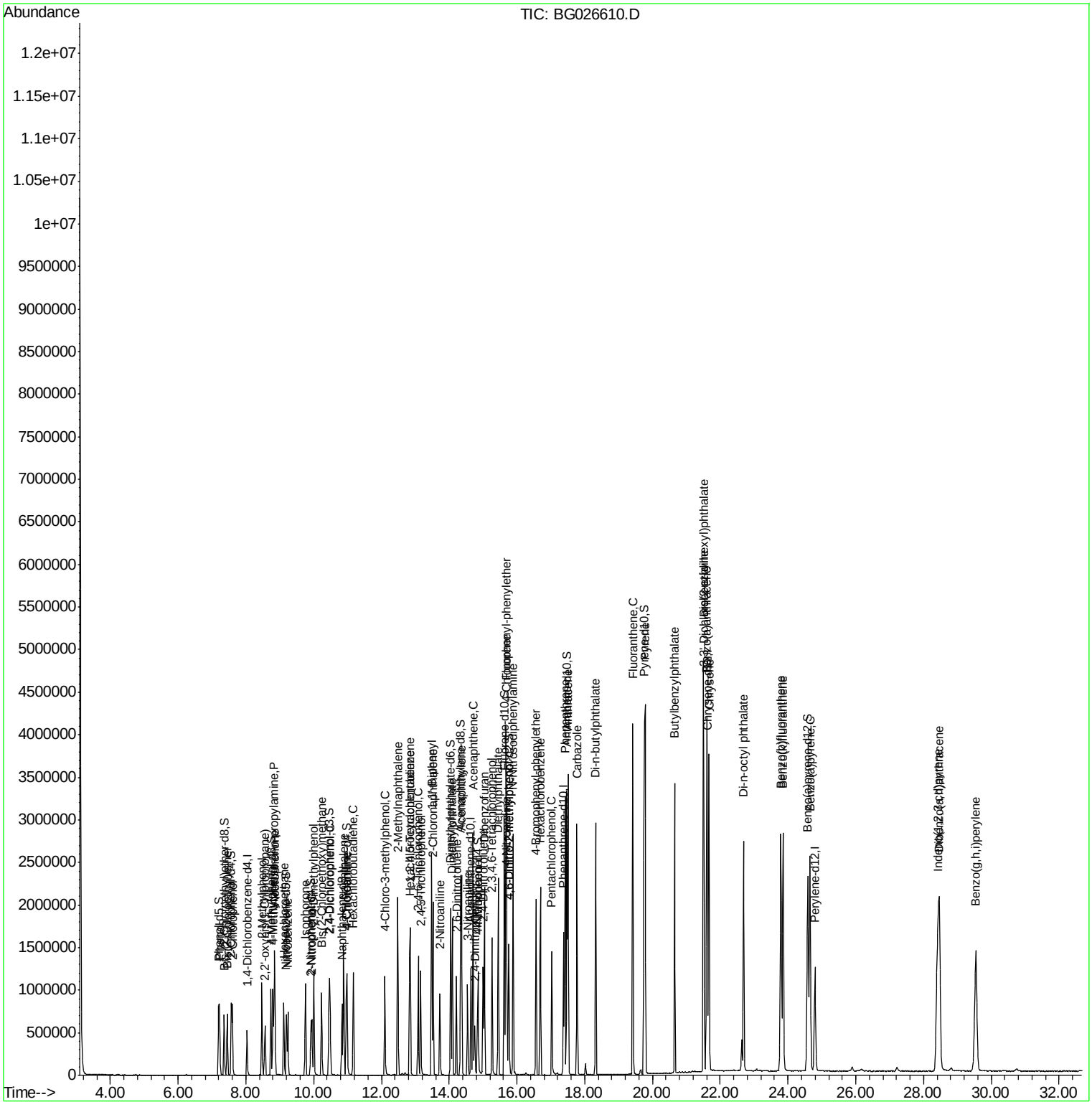
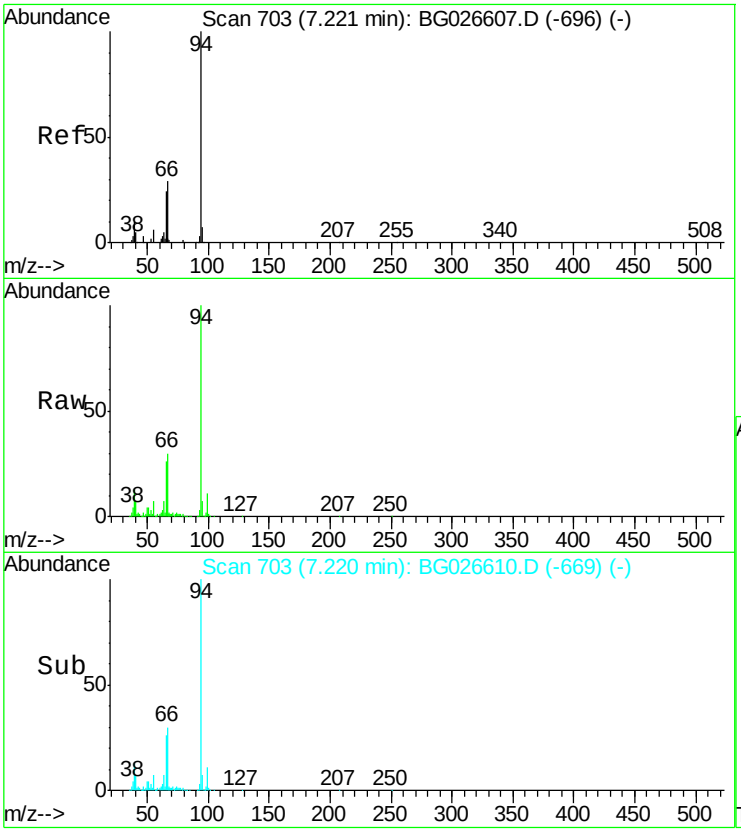


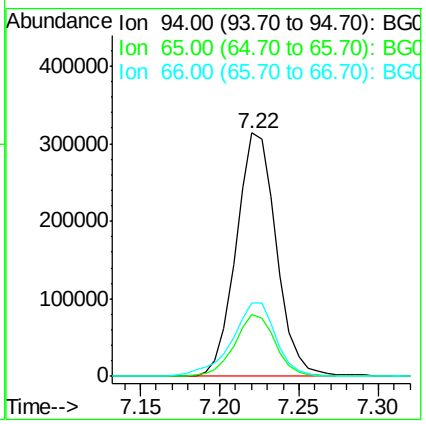


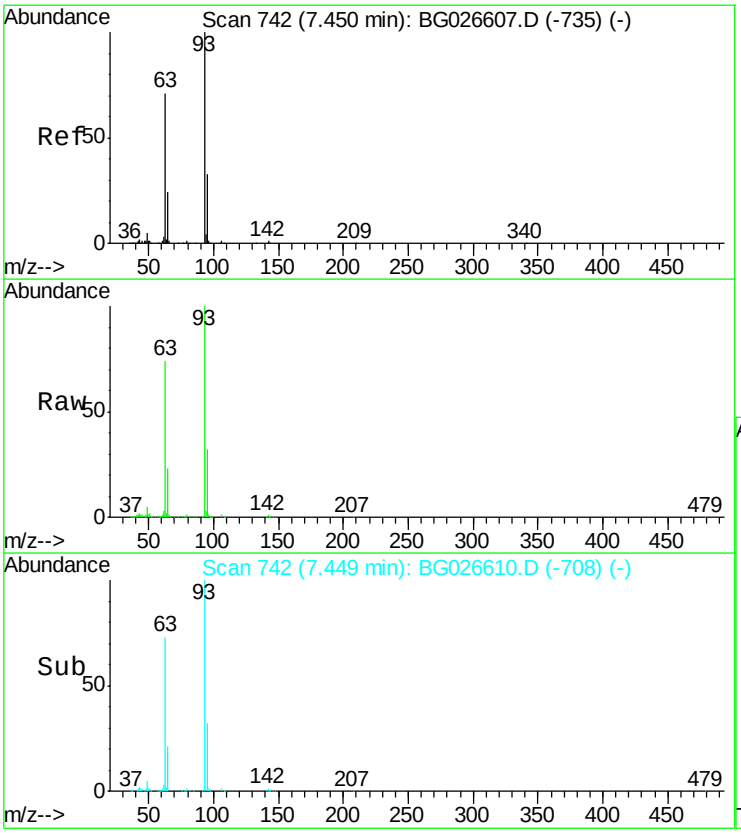
#6
Phenol
Concen: 39.91 ng/ul
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion: 94 Resp: 550926

Ion	Ratio	Lower	Upper
94	100		
65	25.6	21.0	31.6
66	30.0	29.3	43.9

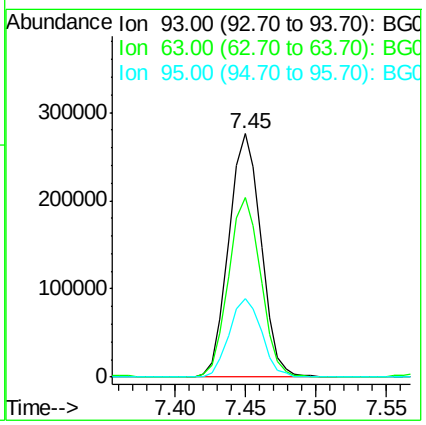


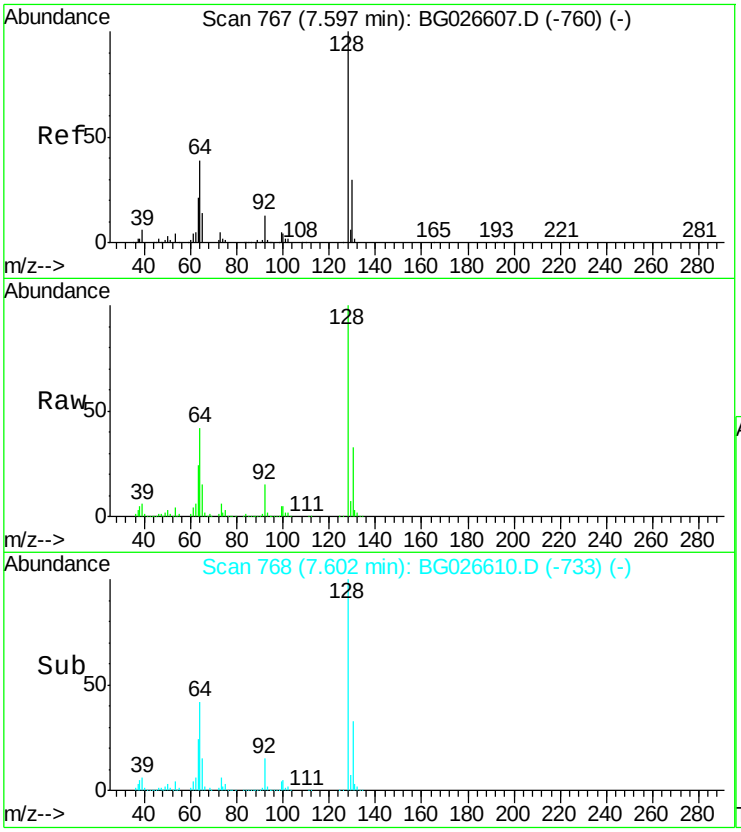


#8
Bis(2-Chloroethyl)ether
Concen: 41.75 ng/ul
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion: 93 Resp: 439817

Ion	Ratio	Lower	Upper
93	100		
63	73.7	53.5	80.3
95	32.4	26.2	39.2



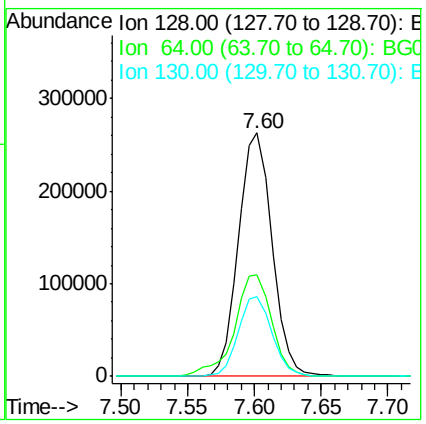


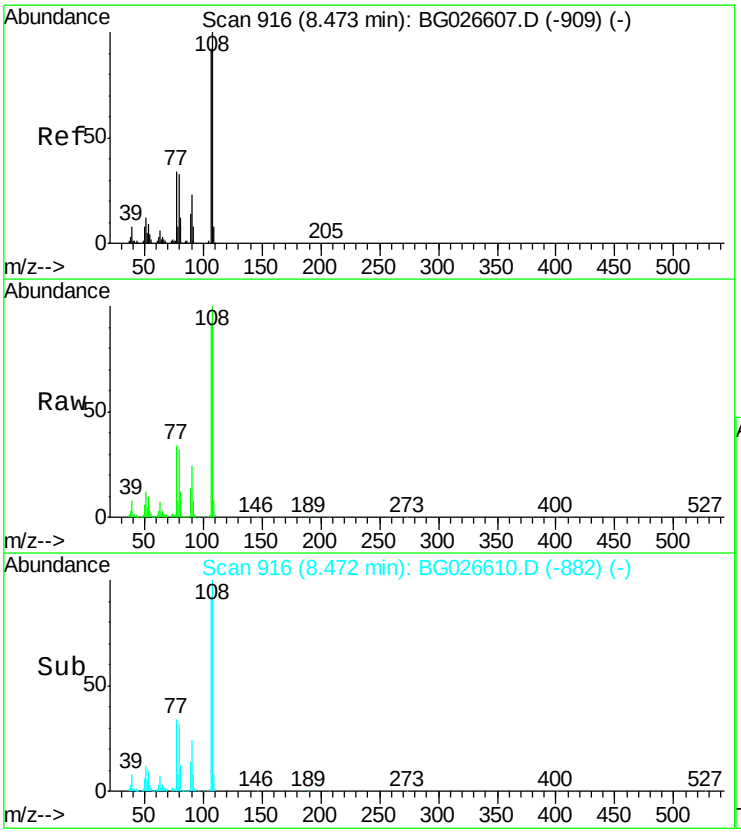
#10
2-Chlorophenol
Concen: 39.85 ng/ul
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:128 Resp: 456932

Ion	Ratio	Lower	Upper
128	100		
64	41.7	31.9	47.9
130	32.9	25.6	38.4

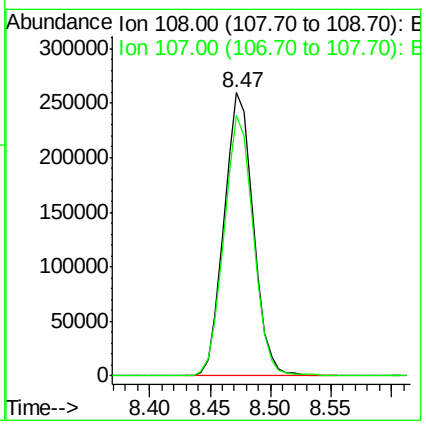


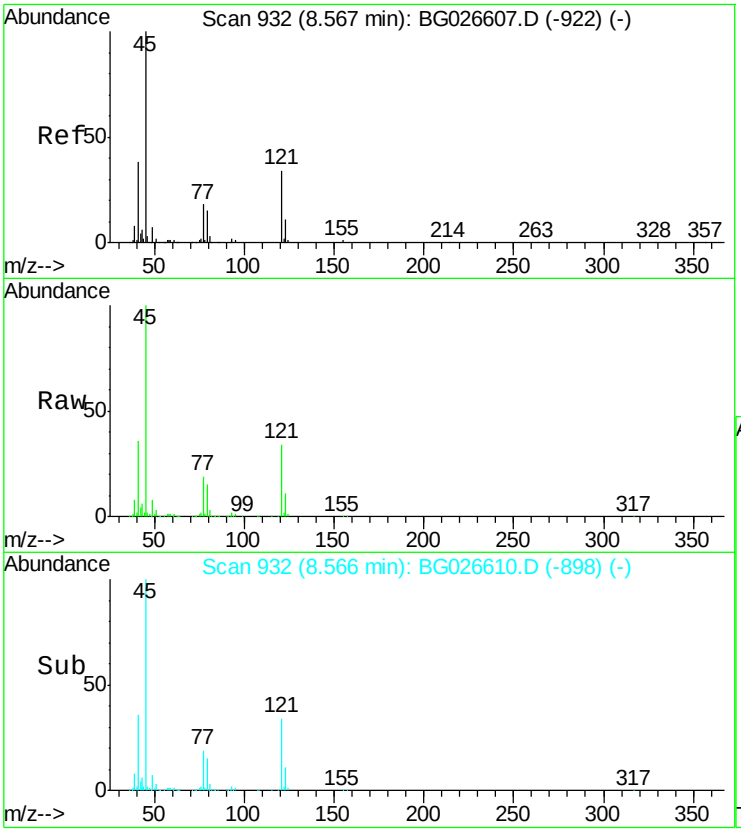


#11
2-Methylphenol
Concen: 40.57 ng/ul
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:108 Resp: 437849

Ion	Ratio	Lower	Upper
108	100		
107	92.0	72.4	108.6



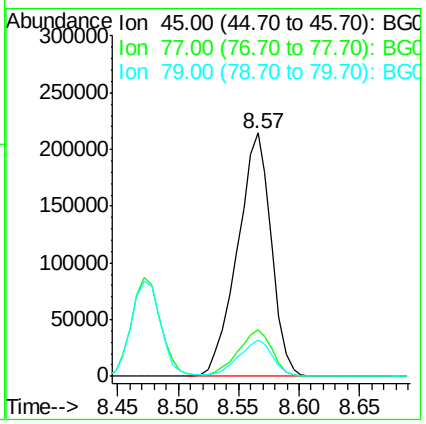


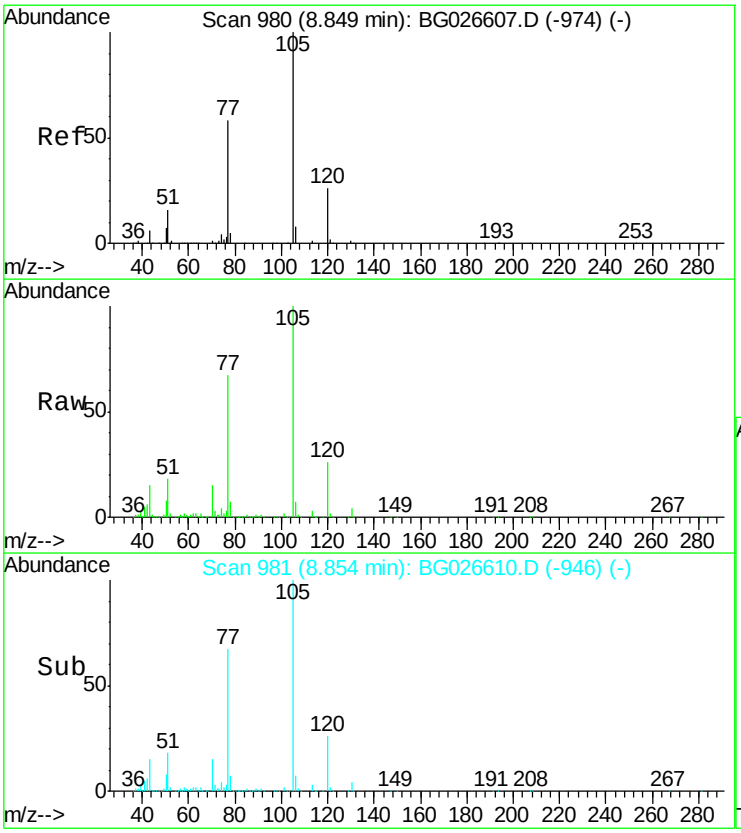
#12
2,2'-oxybis(1-Chloropropane)
Concen: 41.95 ng/ul
RT: 8.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion: 45 Resp: 416738

Ion	Ratio	Lower	Upper
45	100		
77	19.3	15.9	23.9
79	14.9	12.5	18.7

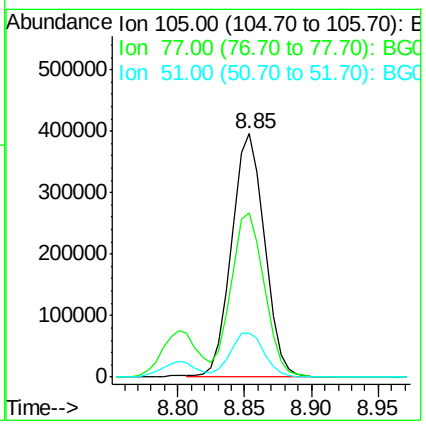


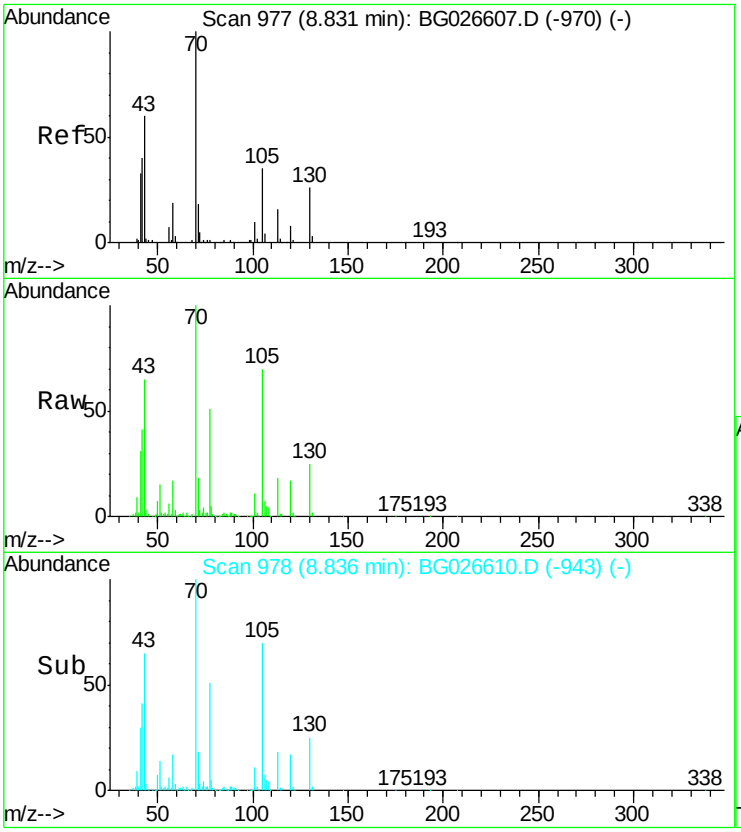


#14
Acetophenone
Concen: 42.25 ng/ul
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:105 Resp: 675701

Ion	Ratio	Lower	Upper
105	100		
77	67.4	59.0	88.4
51	18.1	16.4	24.6



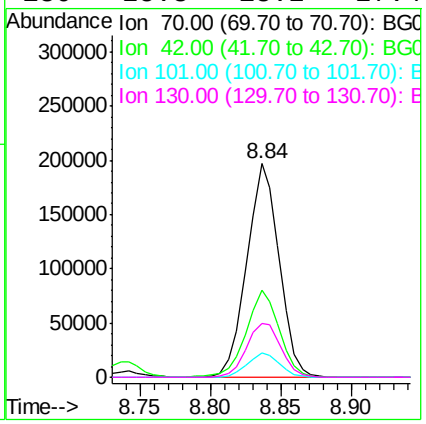


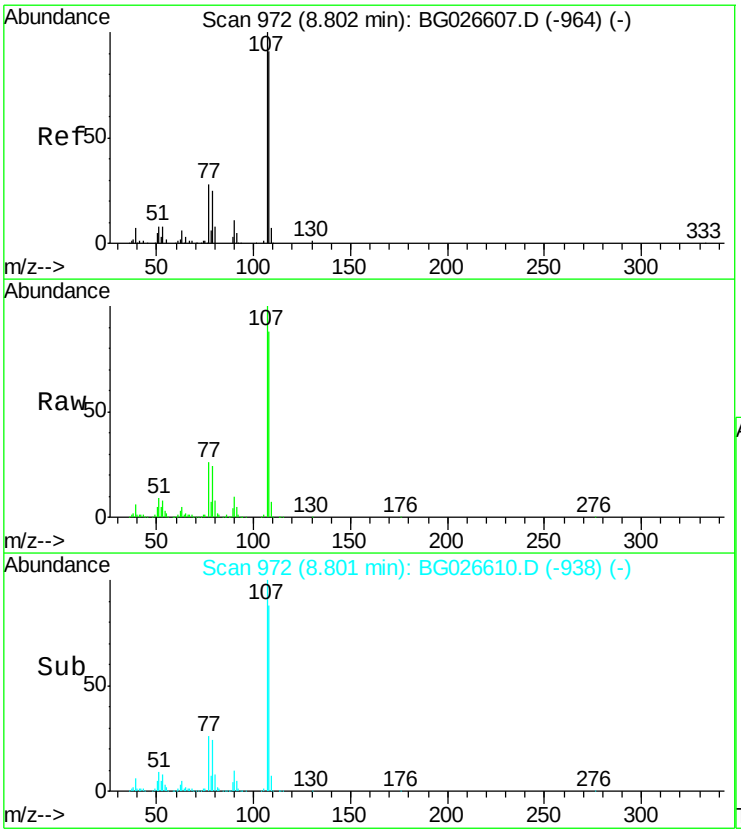
#15
N-Nitroso-di-n-propylamine
Concen: 42.63 ng/ul
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion: 70 Resp: 316548

Ion	Ratio	Lower	Upper
70	100		
42	40.5	35.4	53.0
101	11.4	8.4	12.6
130	25.3	18.2	27.4

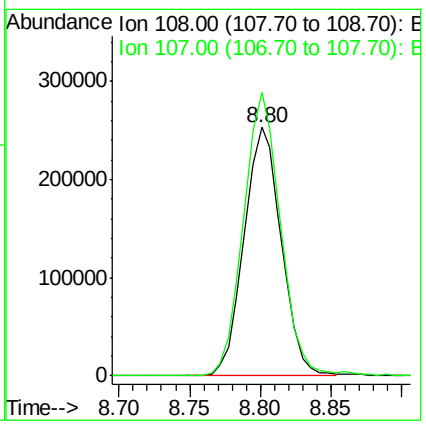


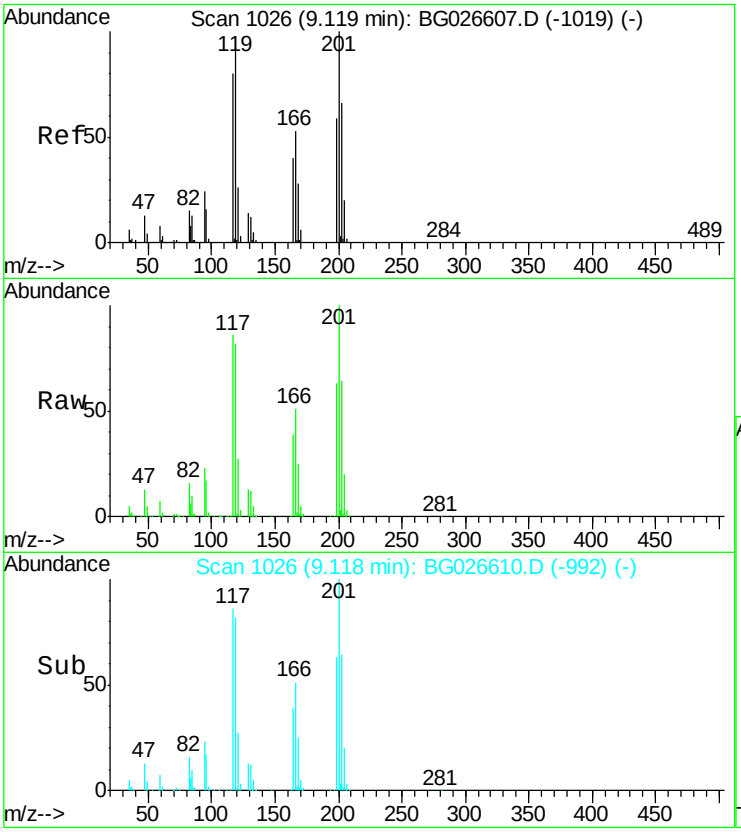


#16
4-Methylphenol
Concen: 40.12 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:108 Resp: 468732

Ion	Ratio	Lower	Upper
108	100		
107	113.9	90.3	135.5



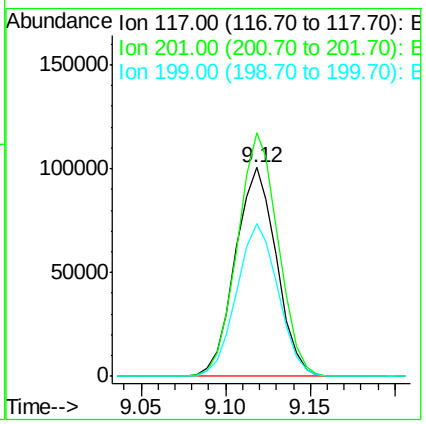


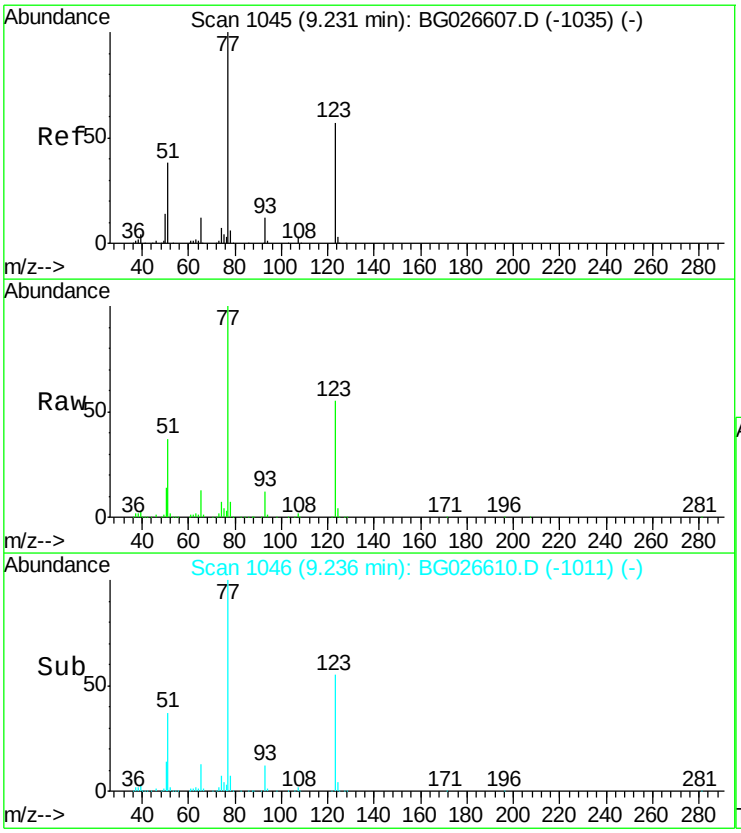
#17
Hexachloroethane
Concen: 39.97 ng/ul
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:117 Resp: 169716

Ion	Ratio	Lower	Upper
117	100		
201	116.7	81.5	122.3
199	73.1	50.6	76.0

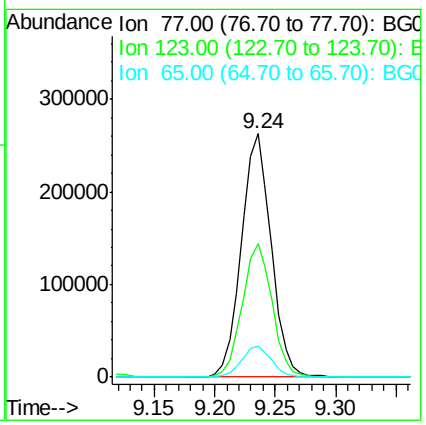


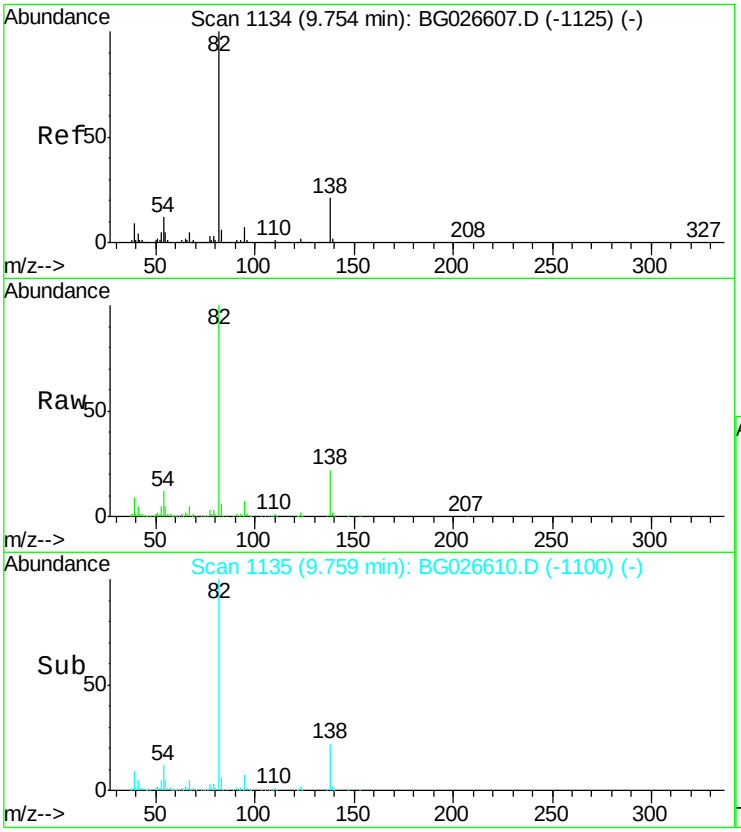


#20
Nitrobenzene
Concen: 41.62 ng/ul
RT: 9.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion: 77 Resp: 451004

Ion	Ratio	Lower	Upper
77	100		
123	55.0	39.0	58.4
65	12.8	10.4	15.6



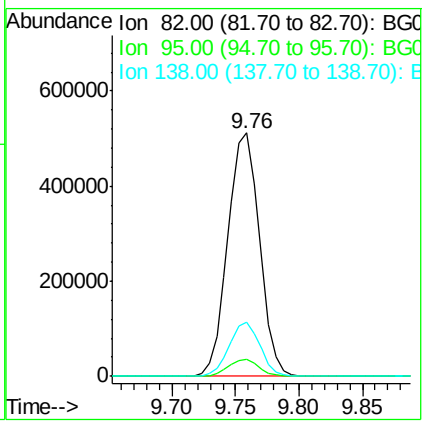


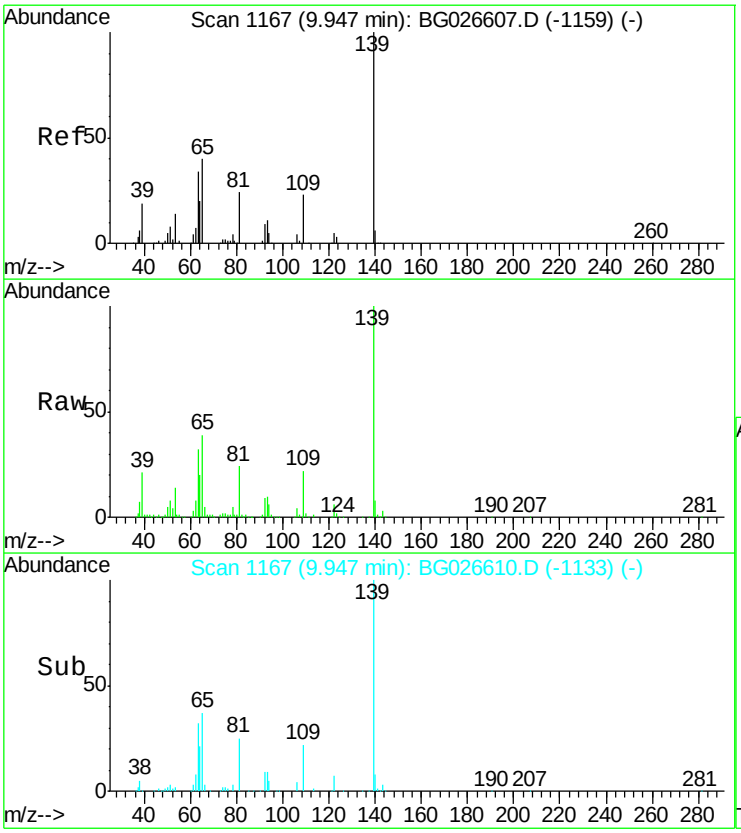
#21
Isophorone
Concen: 42.98 ng/ul
RT: 9.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion: 82 Resp: 886762

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.4	9.6
138	22.2	14.9	22.3

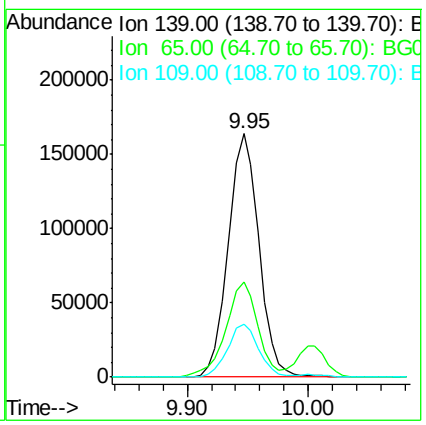


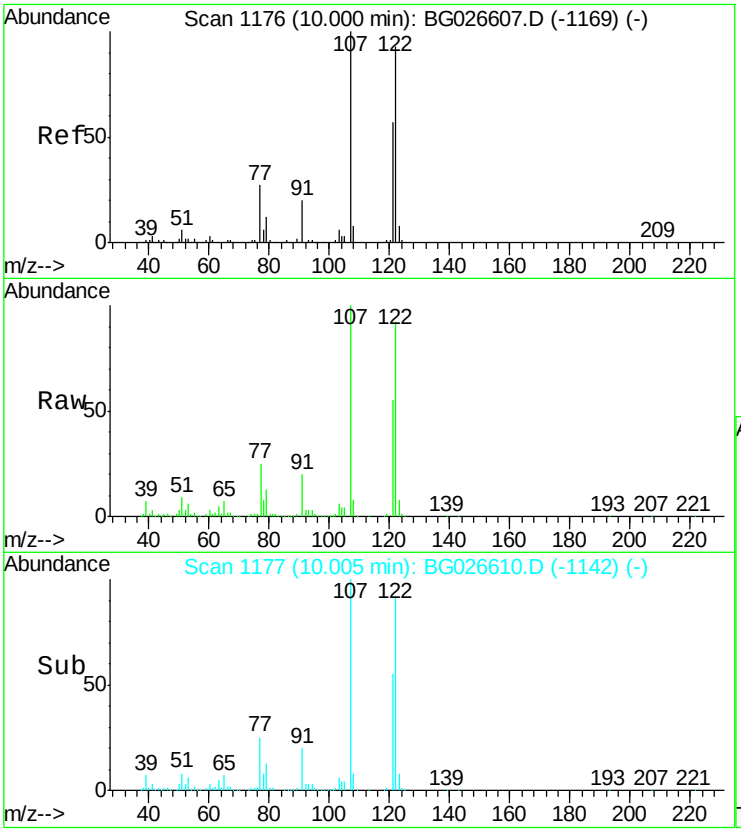


#23
2-Nitrophenol
Concen: 43.12 ng/ul
RT: 9.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:139 Resp: 289917

Ion	Ratio	Lower	Upper
139	100		
65	39.0	36.3	54.5
109	21.7	26.4	39.6#



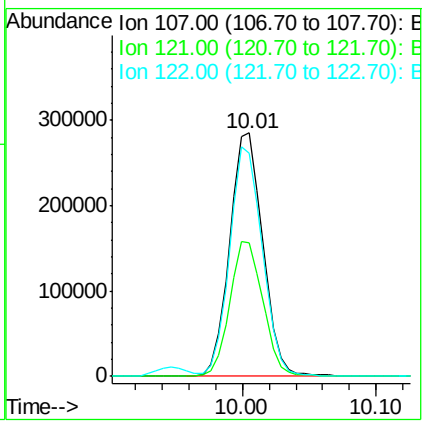


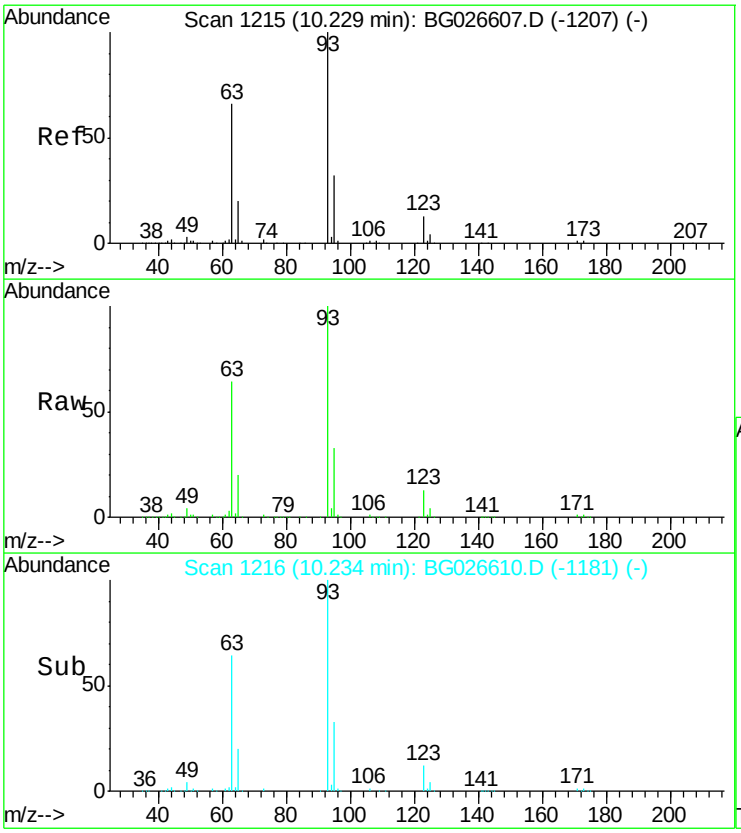
#24
2,4-Dimethylphenol
Concen: 40.55 ng/ul
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:107 Resp: 489693

Ion	Ratio	Lower	Upper
107	100		
121	55.1	40.6	61.0
122	91.7	67.8	101.6

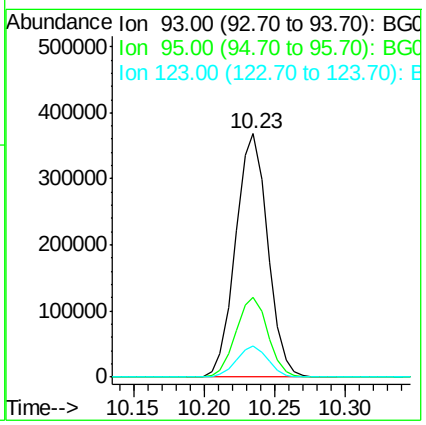


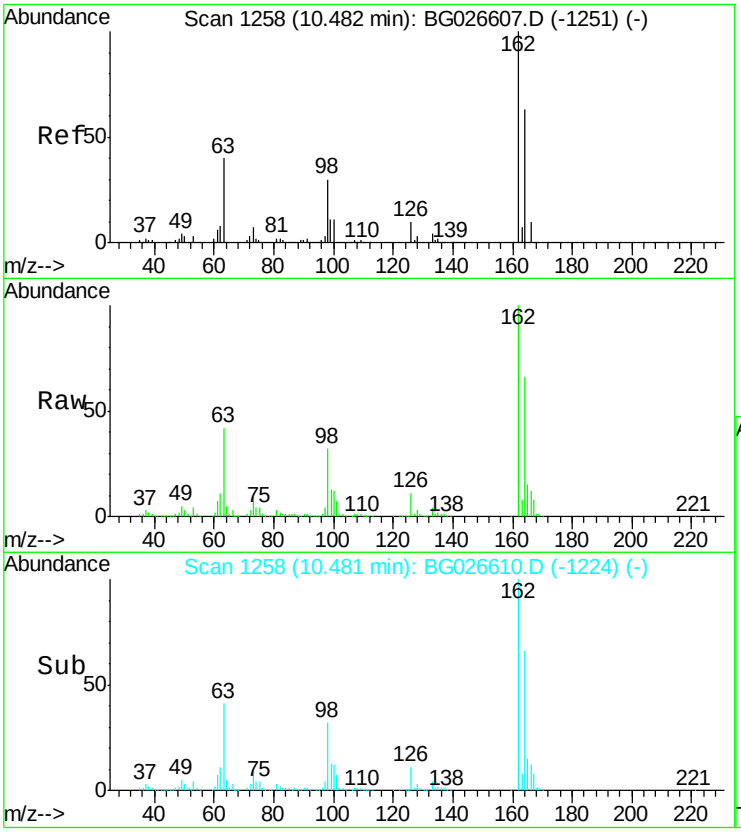


#25
Bis(2-Chloroethoxy)methane
Concen: 41.22 ng/ul
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion: 93 Resp: 587655

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.8	38.8
123	12.6	9.8	14.8



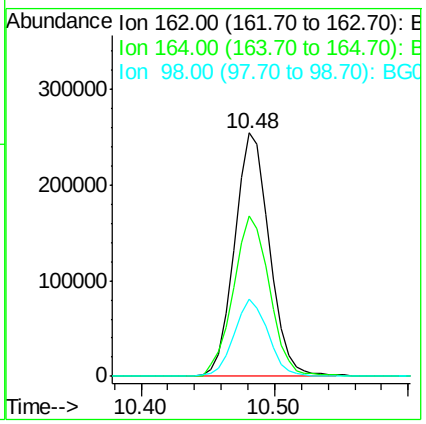


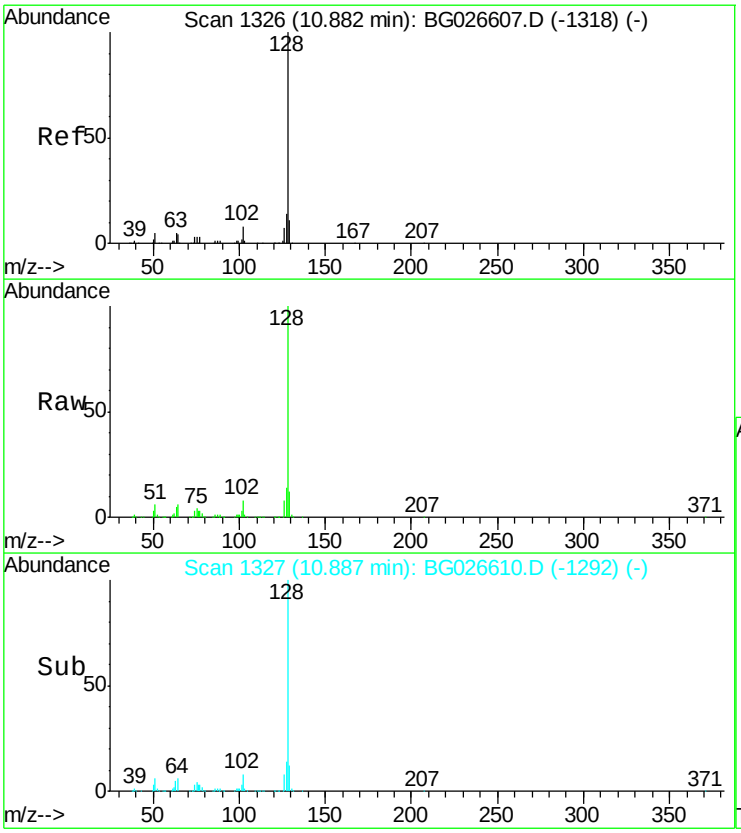
#27
2,4-Dichlorophenol
Concen: 39.59 ng/ul
RT: 10.48 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:162 Resp: 458668

Ion	Ratio	Lower	Upper
162	100		
164	65.9	52.1	78.1
98	31.5	28.4	42.6

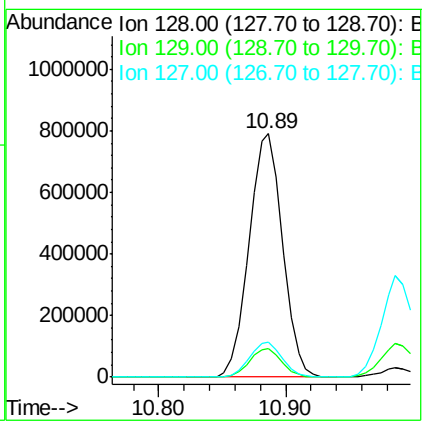


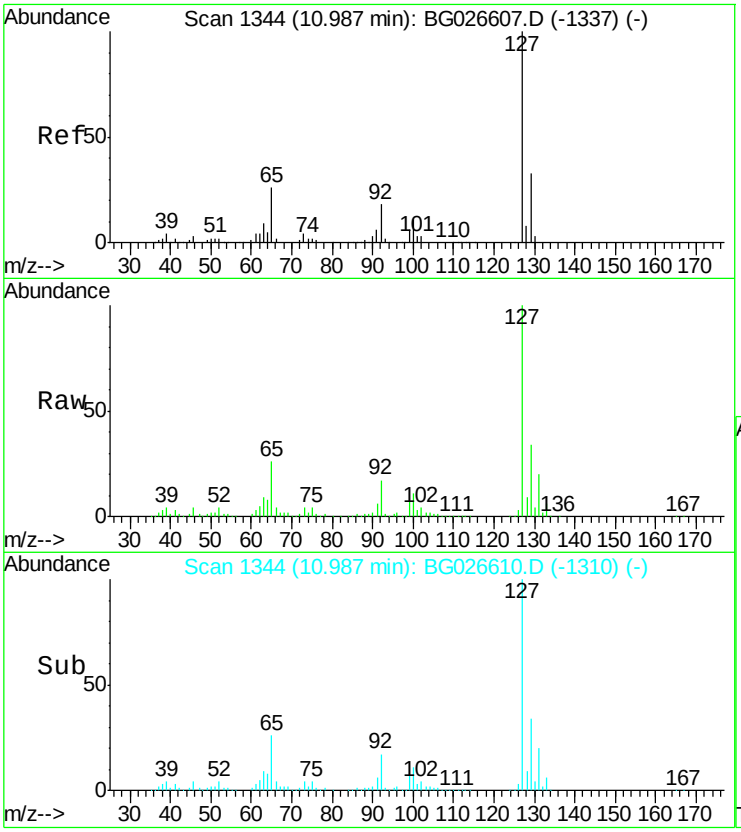


#28
Naphthalene
Concen: 39.66 ng/ul
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:128 Resp: 1452342

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.5	10.5	15.7



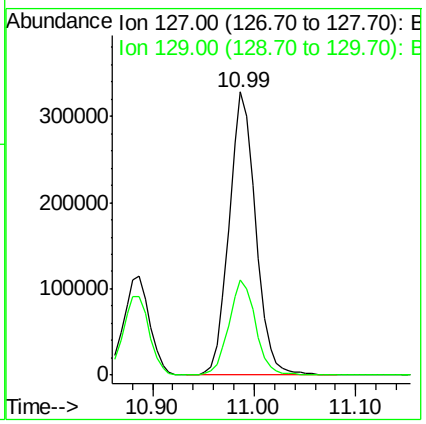


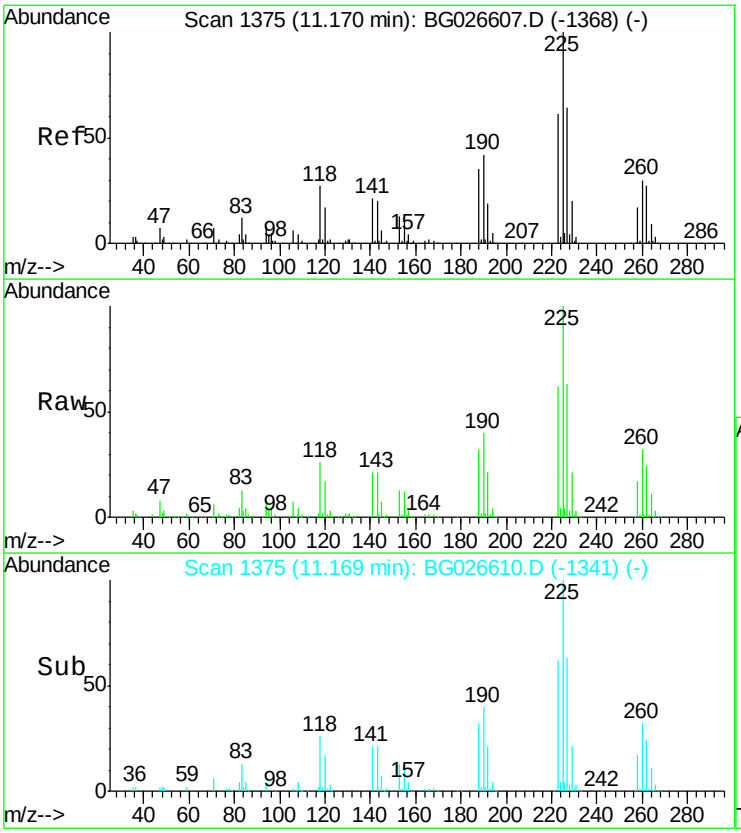
#30
4-Chloroaniline
Concen: 53.55 ng/ul
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:127 Resp: 596484

Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.2

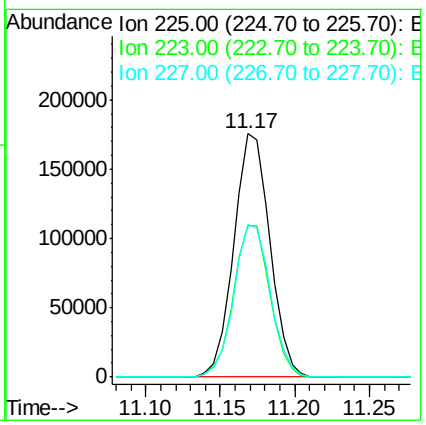


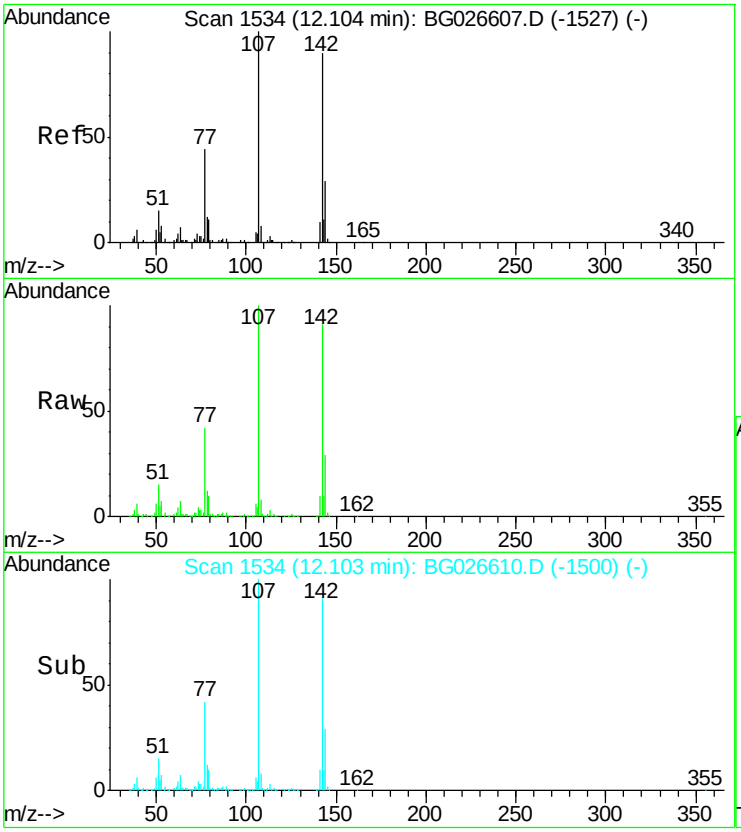


#31
Hexachlorobutadiene
Concen: 39.88 ng/ul
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:225 Resp: 294030

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	62.7	50.7	76.1



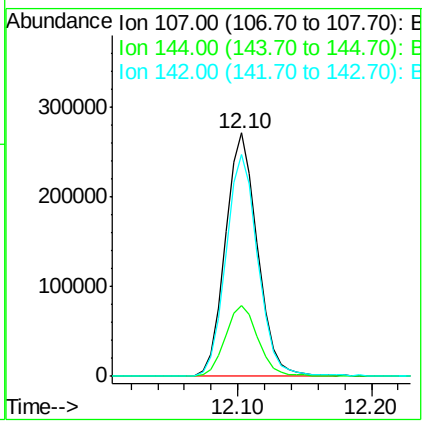


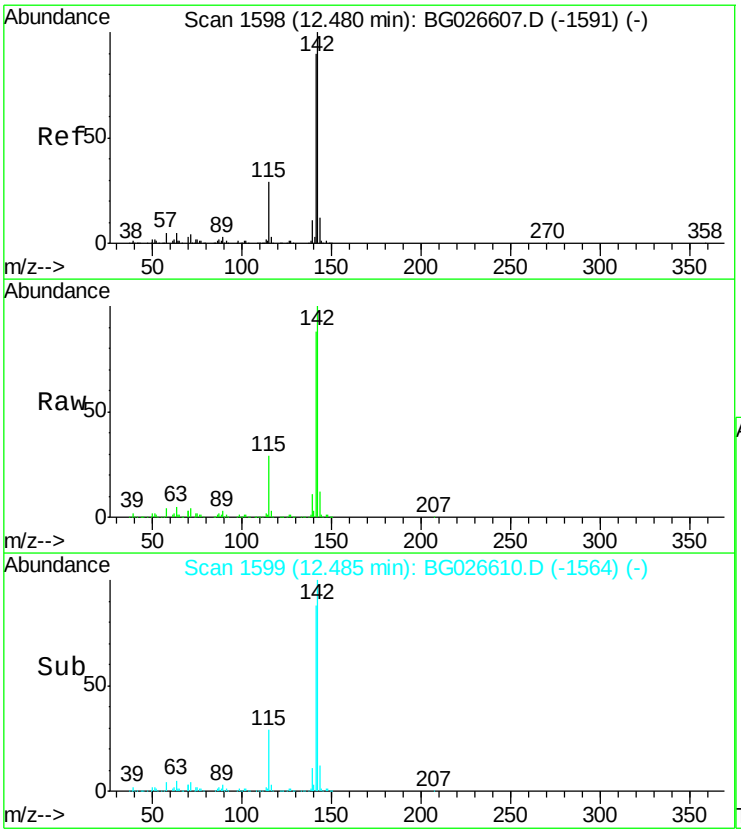
#33
4-Chloro-3-methylphenol
Concen: 40.56 ng/ul
RT: 12.10 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:107 Resp: 455032

Ion	Ratio	Lower	Upper
107	100		
144	29.0	20.4	30.6
142	91.3	62.5	93.7

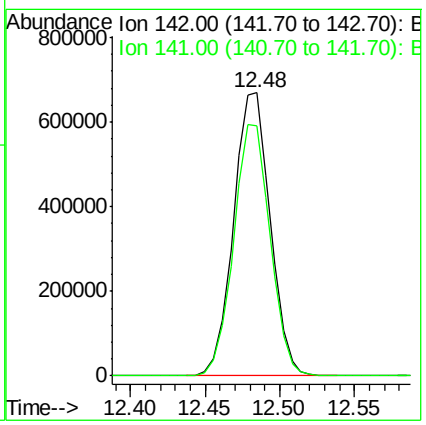


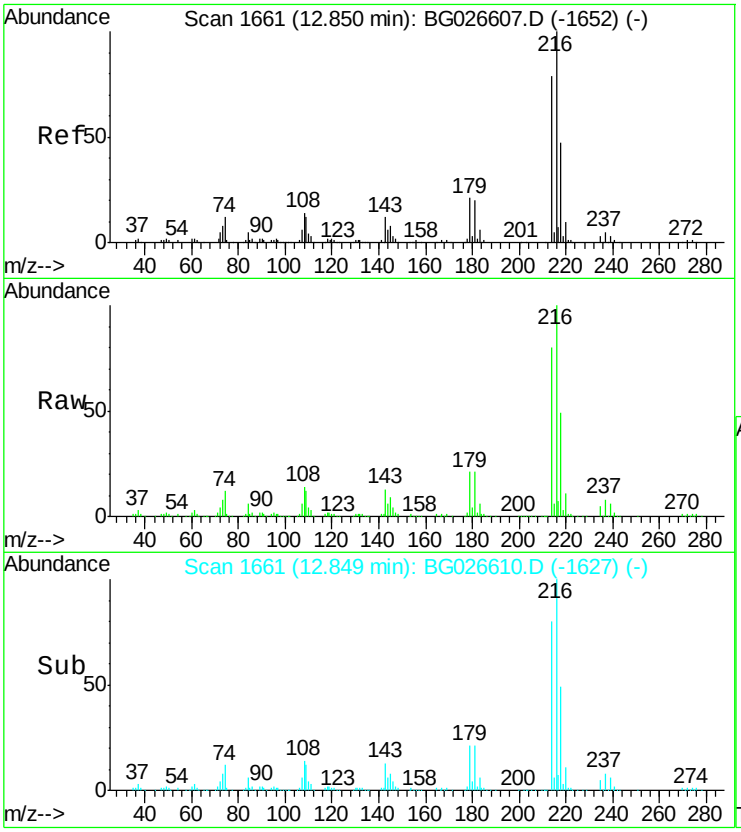


#34
2-Methylnaphthalene
Concen: 40.14 ng/ul
RT: 12.48 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:142 Resp: 1136870

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4



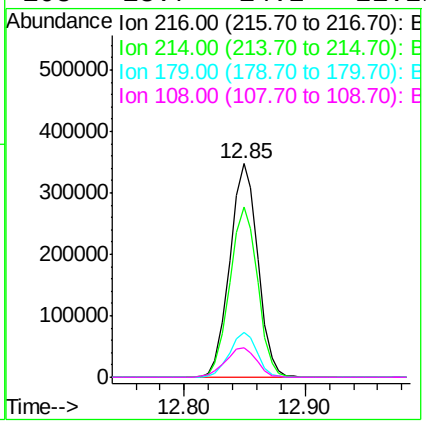


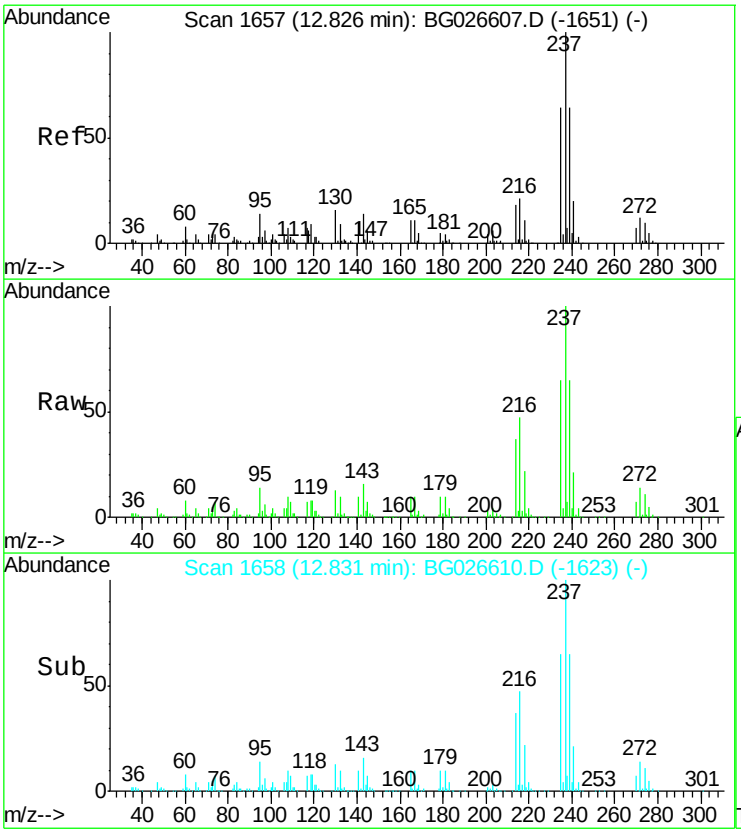
#36
1,2,4,5-Tetrachlorobenzene
Concen: 38.61 ng/ul
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:216 Resp: 561573

Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
179	21.2	18.2	27.2
108	13.7	14.2	21.2#

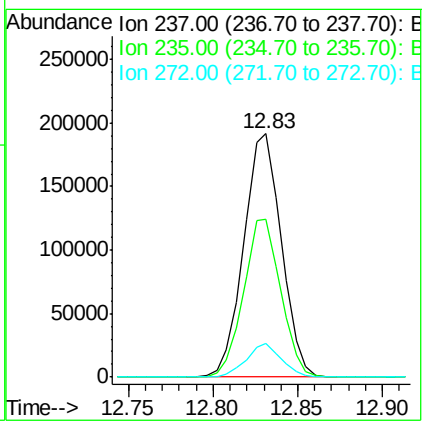


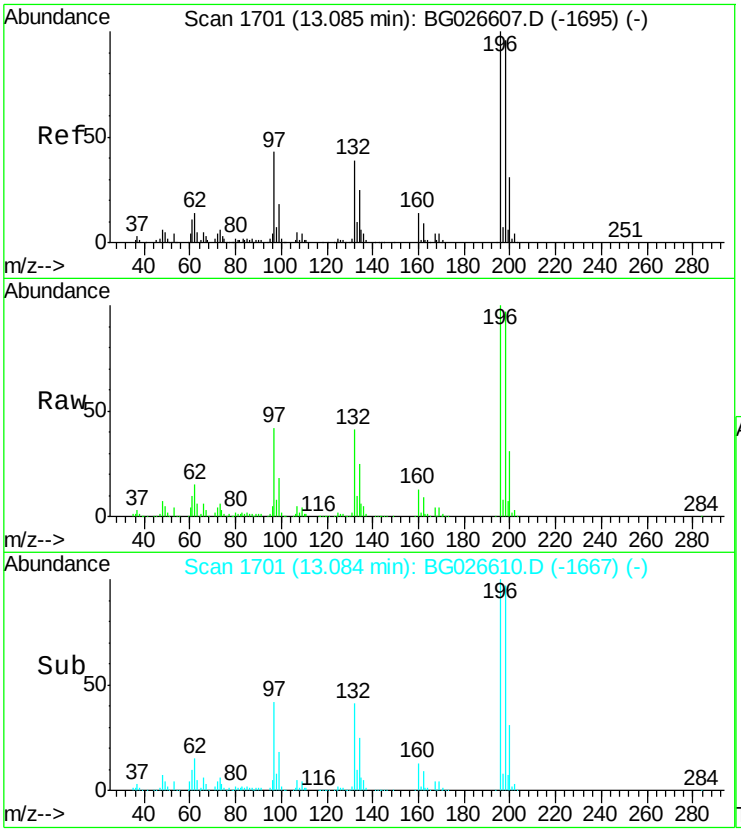


#37
Hexachlorocyclopentadiene
Concen: 41.04 ng/ul
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:237 Resp: 298209

Ion	Ratio	Lower	Upper
237	100		
235	65.0	50.4	75.6
272	13.7	9.6	14.4



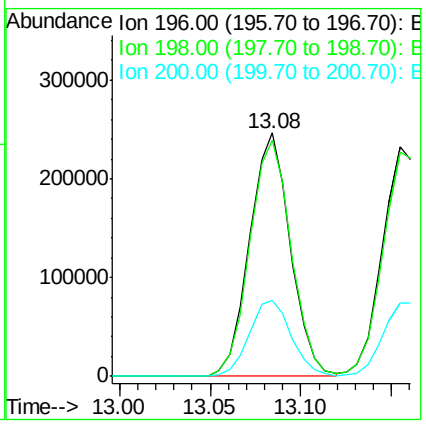


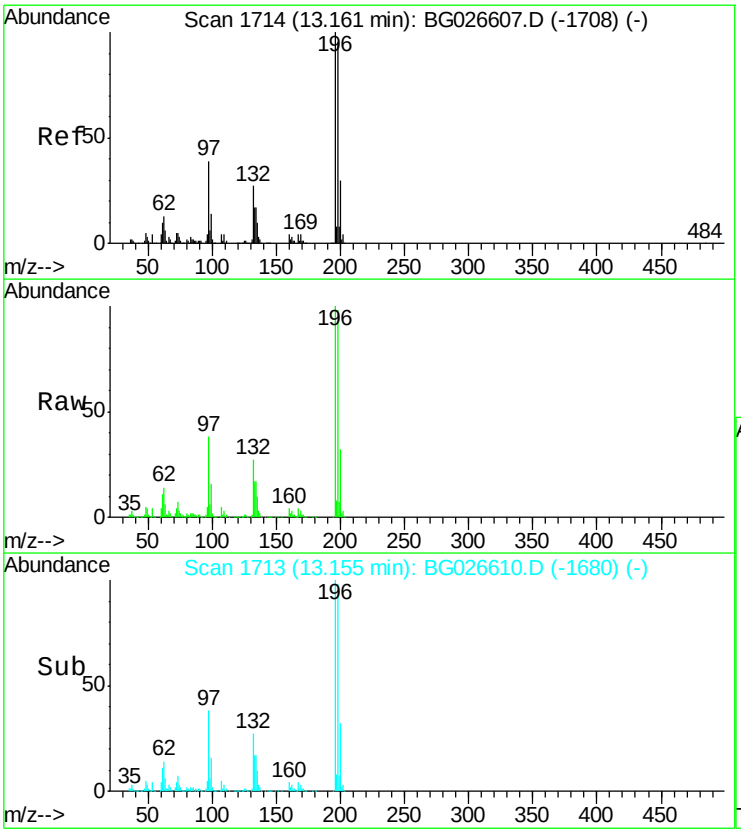
#38
2,4,6-Trichlorophenol
Concen: 40.15 ng/ul
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:196 Resp: 387483

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	114.8
200	31.2	24.7	37.1

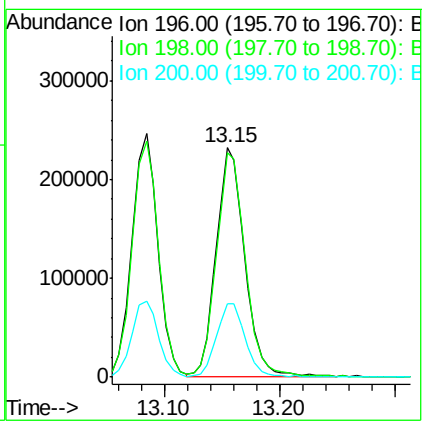


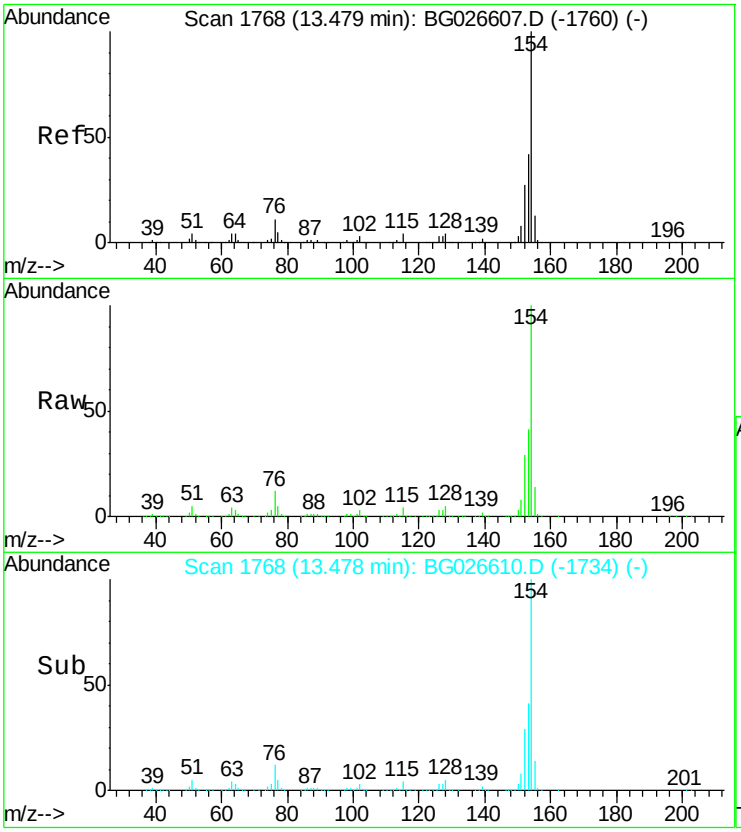


#39
2,4,5-Trichlorophenol
Concen: 39.87 ng/ul
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:196 Resp: 396099

Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.9	115.3
200	32.3	25.0	37.4



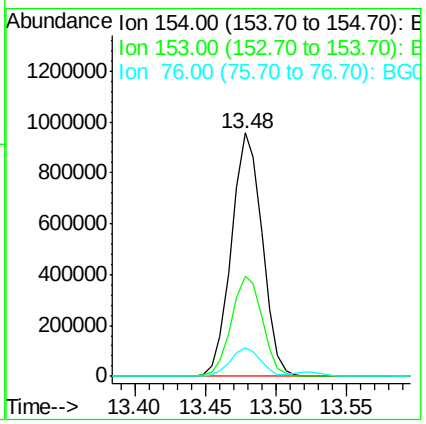


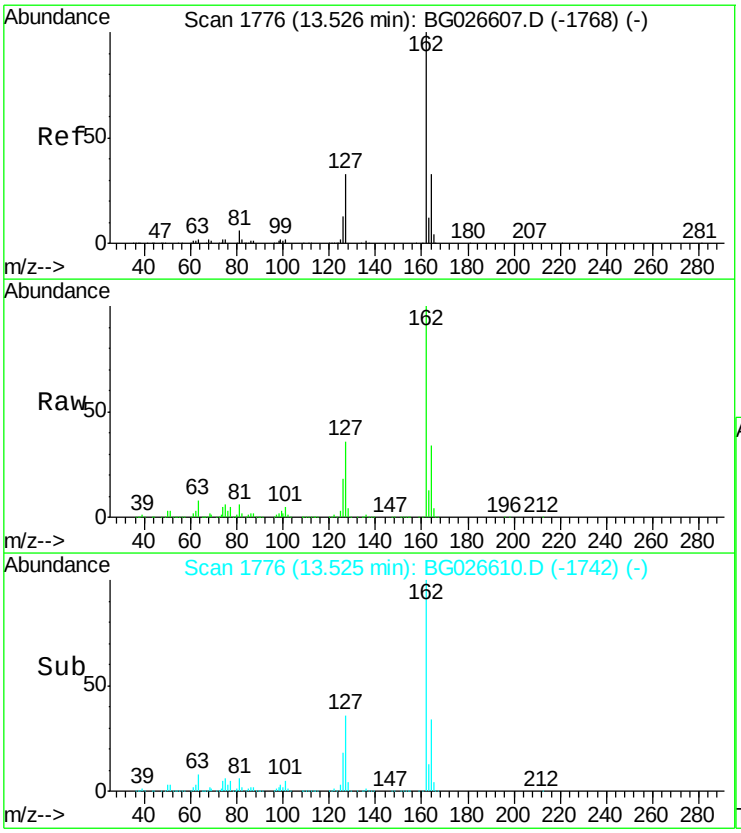
#40
1,1'-Biphenyl
Concen: 39.24 ng/ul
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:154 Resp: 1454533

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.1	48.1
76	11.8	9.5	14.3

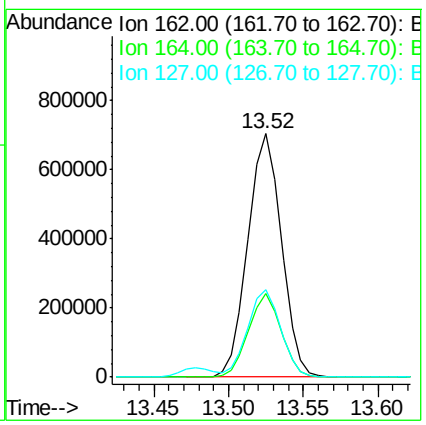


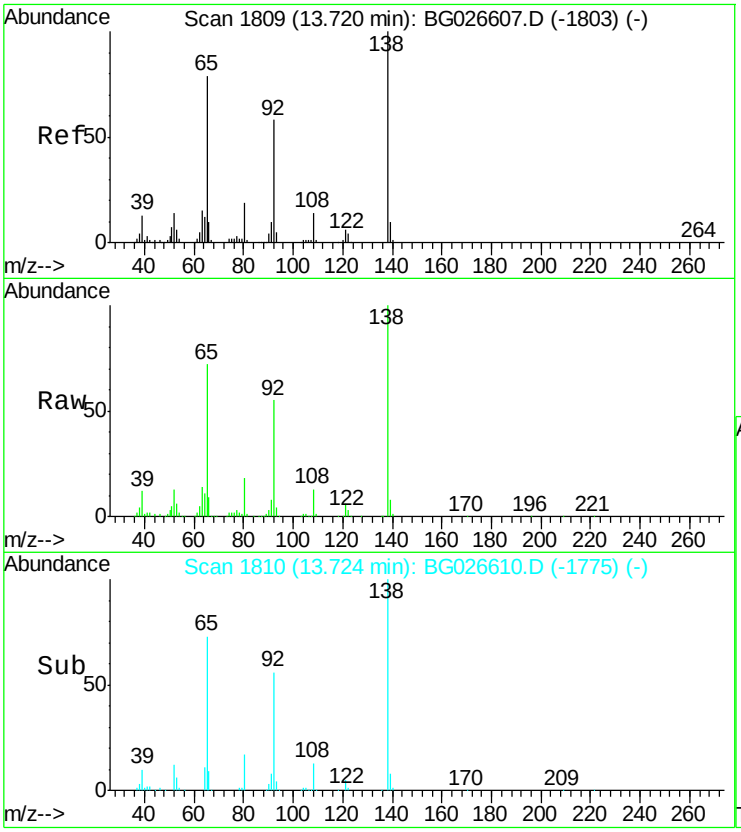


#41
2-Chloronaphthalene
Concen: 39.12 ng/ul
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:162 Resp: 1094525

Ion	Ratio	Lower	Upper
162	100		
164	34.4	25.9	38.9
127	35.7	34.1	51.1



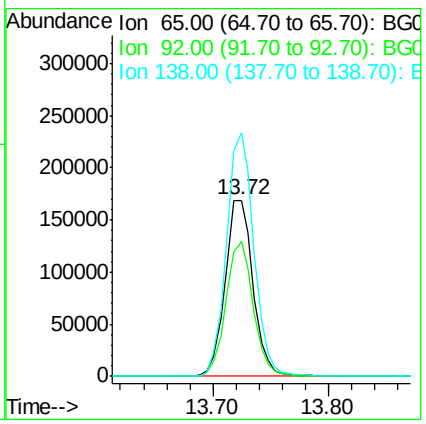


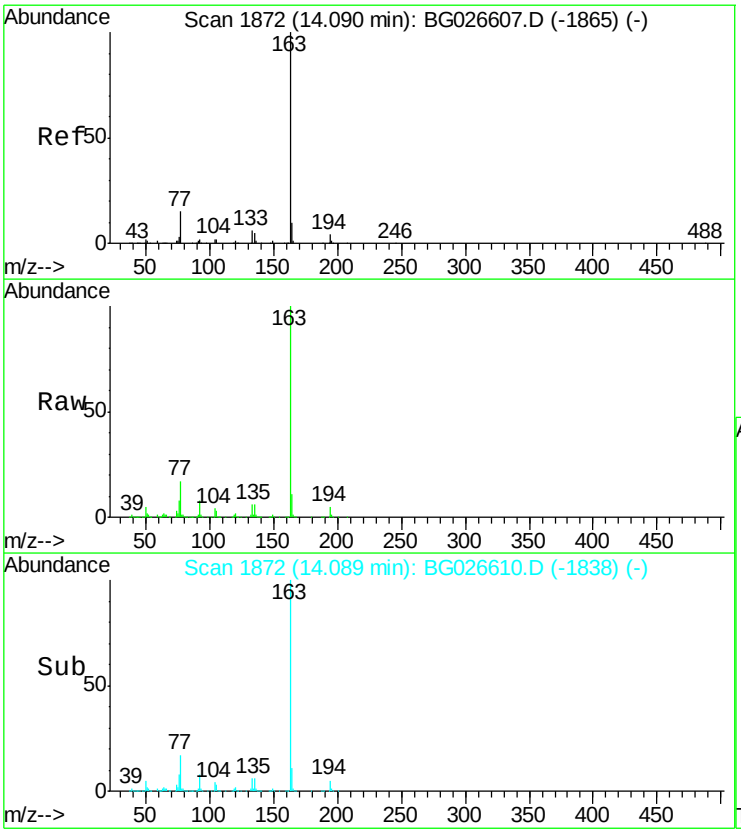
#42
2-Nitroaniline
Concen: 43.46 ng/ul
RT: 13.72 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion: 65 Resp: 282721

Ion	Ratio	Lower	Upper
65	100		
92	76.2	60.4	90.6
138	138.1	99.8	149.6

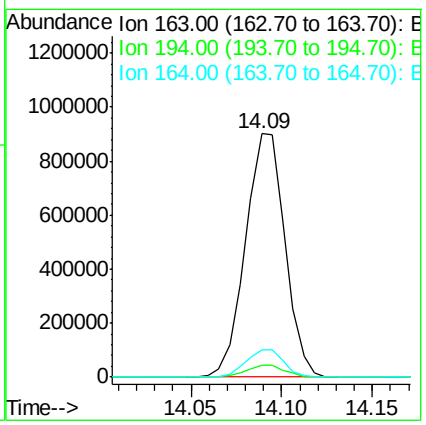


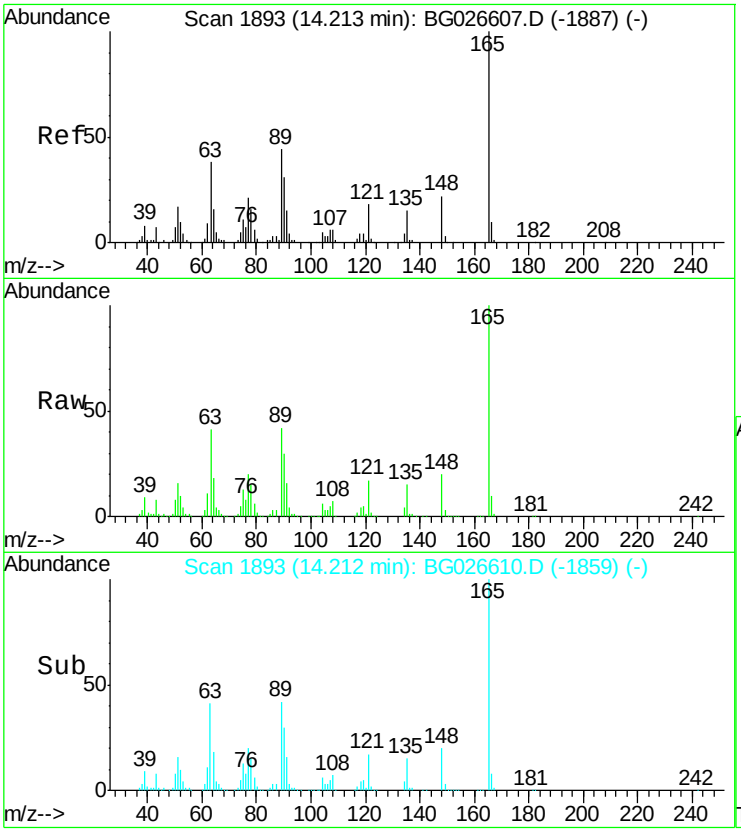


#44
Dimethylphthalate
Concen: 39.50 ng/ul
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:163 Resp: 1369443

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	11.2	7.8	11.8



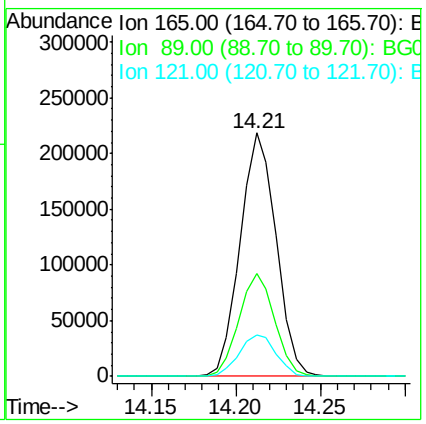


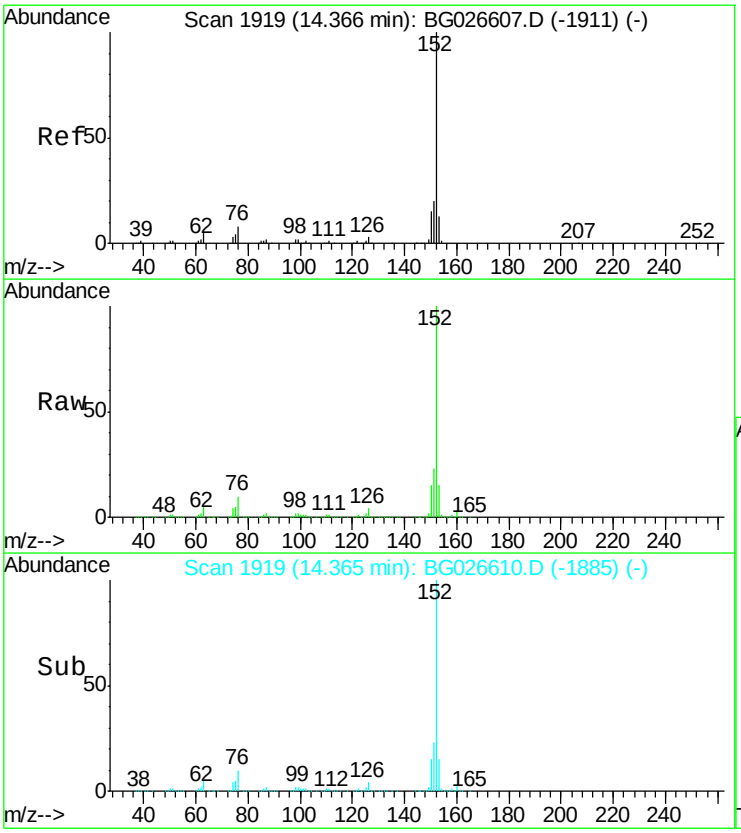
#45
2,6-Dinitrotoluene
Concen: 43.20 ng/ul
RT: 14.21 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:165 Resp: 323272

Ion	Ratio	Lower	Upper
165	100		
89	42.5	42.4	63.6
121	16.9	16.6	24.8

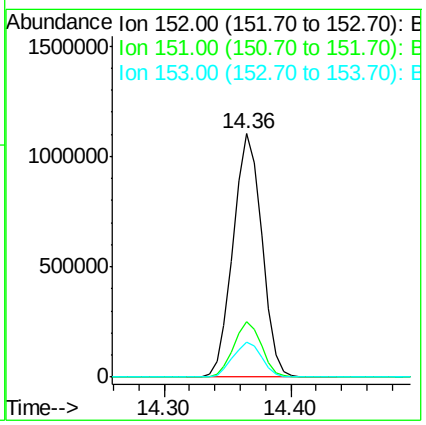


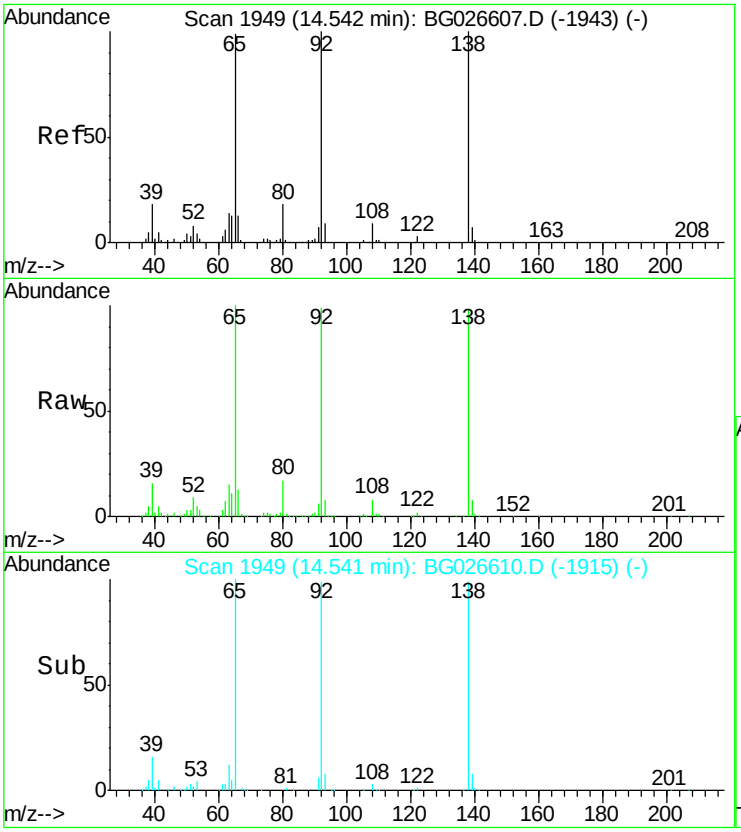


#47
Acenaphthylene
Concen: 38.84 ng/ul
RT: 14.36 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:152 Resp: 1723876

Ion	Ratio	Lower	Upper
152	100		
151	22.8	15.7	23.5
153	14.6	10.5	15.7



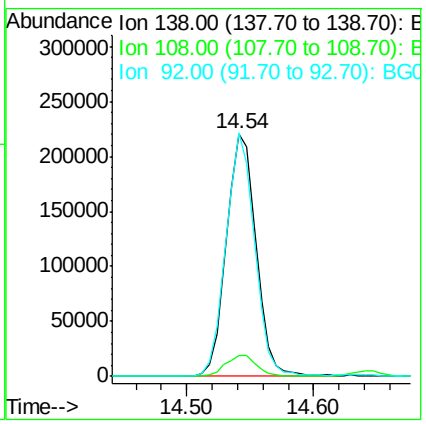


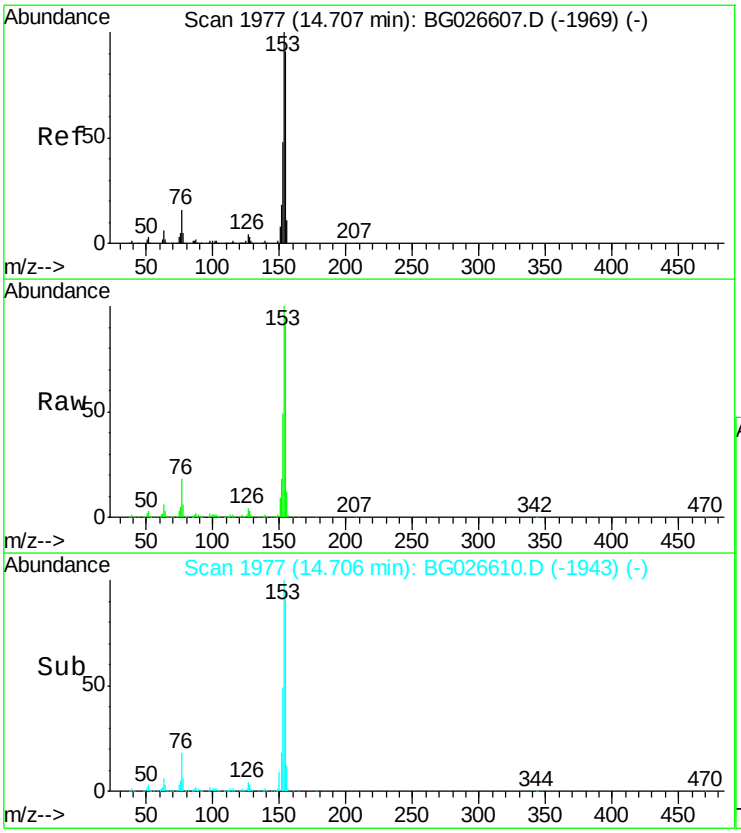
#48
3-Nitroaniline
Concen: 51.74 ng/ul
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:138 Resp: 356662

Ion	Ratio	Lower	Upper
138	100		
108	8.5	8.7	13.1#
92	100.3	88.2	132.4

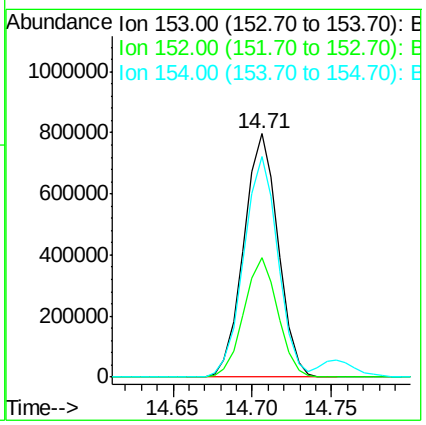


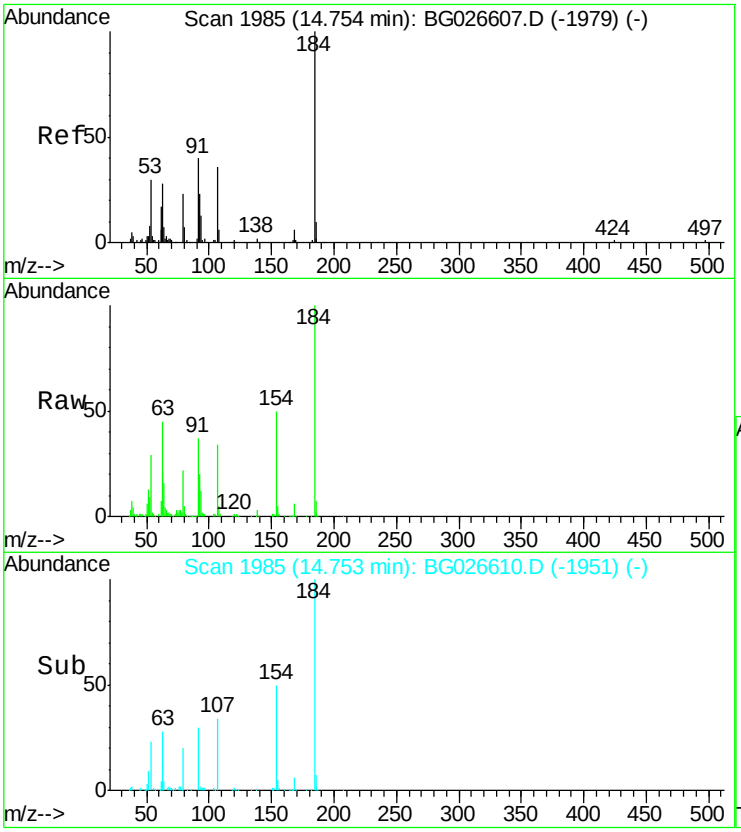


#49
Acenaphthene
Concen: 38.98 ng/ul
RT: 14.71 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:153 Resp: 1200610

Ion	Ratio	Lower	Upper
153	100		
152	49.0	38.3	57.5
154	90.7	71.8	107.8



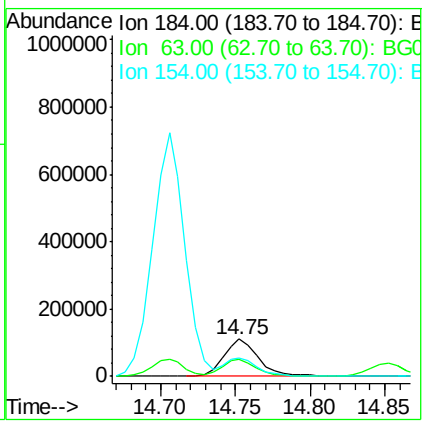


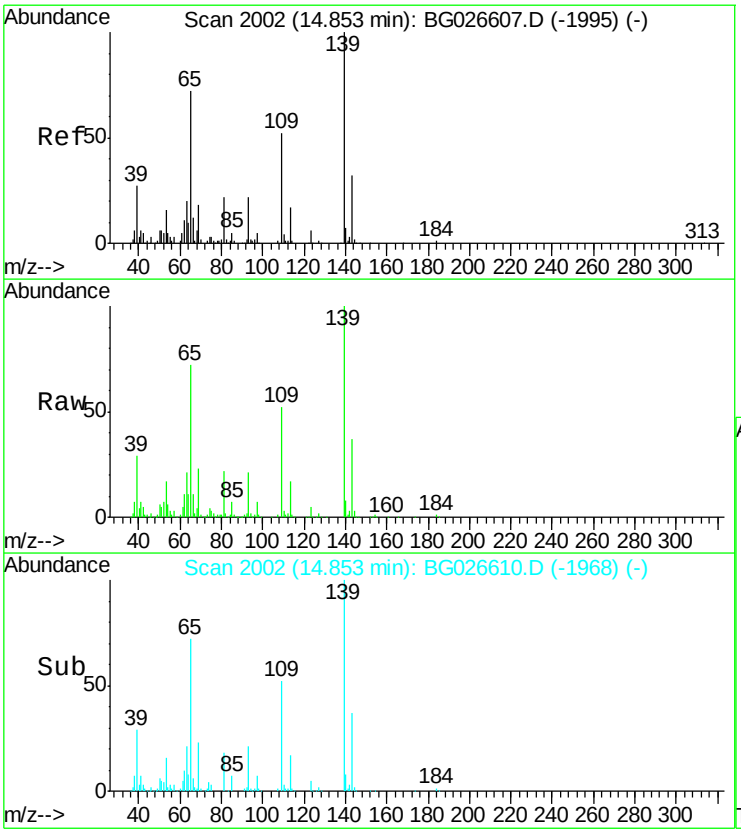
#50
2,4-Dinitrophenol
Concen: 42.80 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:184 Resp: 180377

Ion	Ratio	Lower	Upper
184	100		
63	44.8	46.5	69.7#
154	50.5	54.6	82.0#

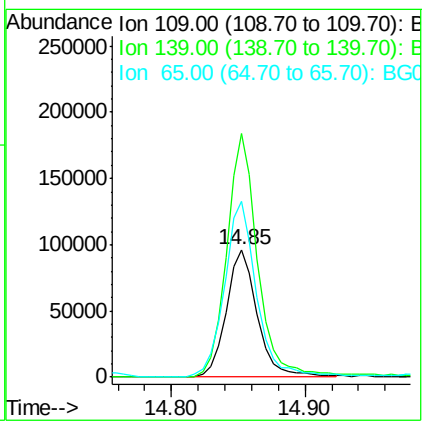


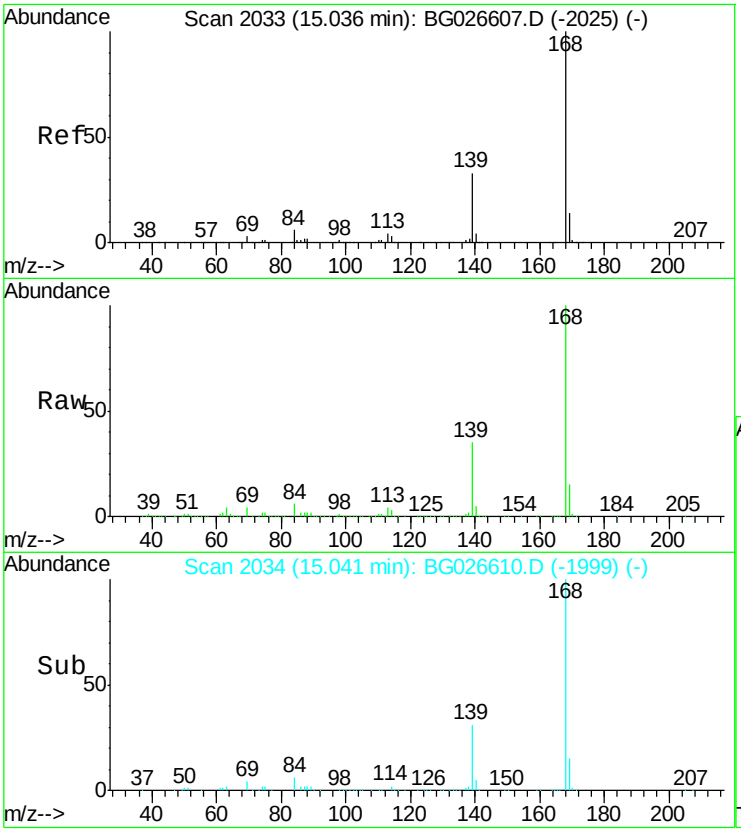


#52
4-Nitrophenol
Concen: 42.30 ng/ul
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:109 Resp: 156224

Ion	Ratio	Lower	Upper
109	100		
139	191.3	103.7	155.5#
65	138.4	89.4	134.2#



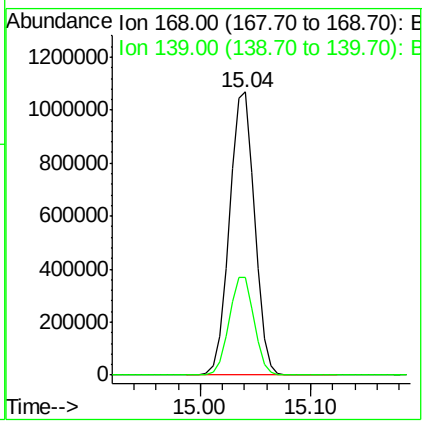


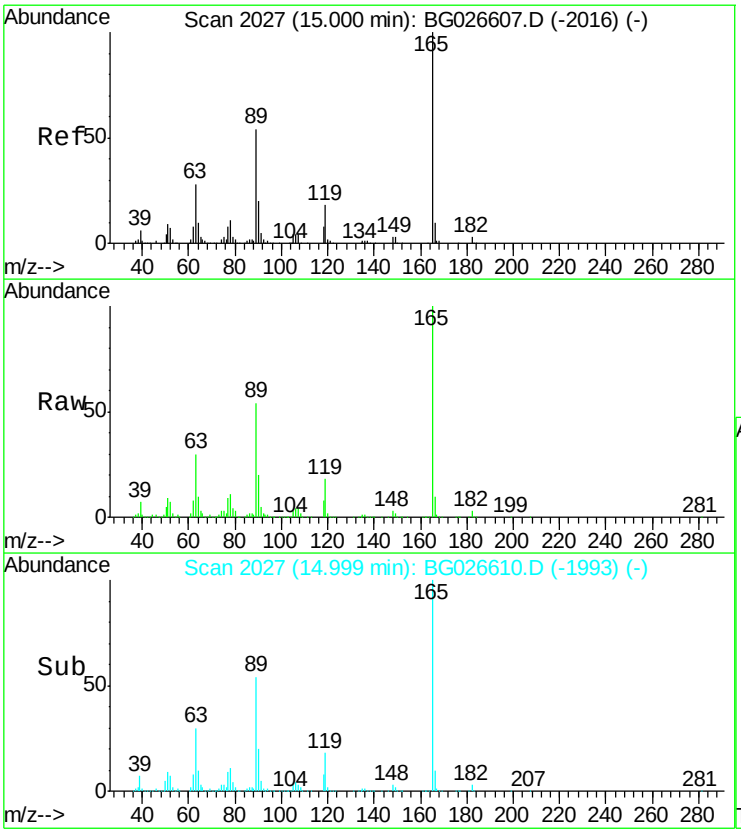
#53
Dibenzofuran
Concen: 39.04 ng/ul
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:168 Resp: 1709936

Ion	Ratio	Lower	Upper
168	100		
139	34.7	32.2	48.2

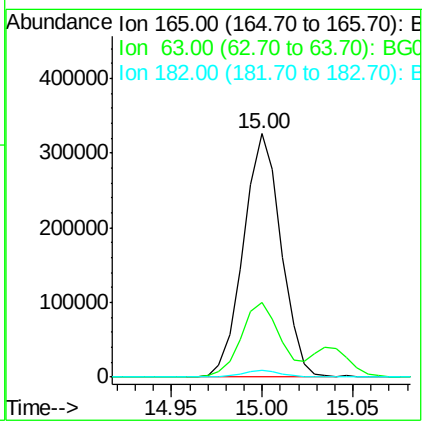


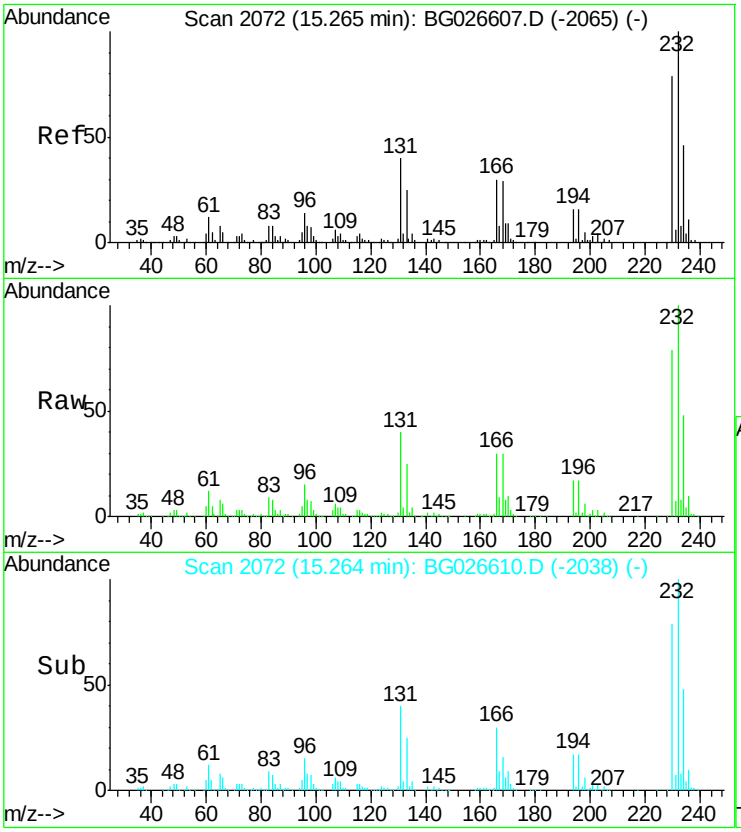


#54
2,4-Dinitrotoluene
Concen: 43.55 ng/ul
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:165 Resp: 471159

Ion	Ratio	Lower	Upper
165	100		
63	30.5	29.8	44.6
182	2.9	2.2	3.4



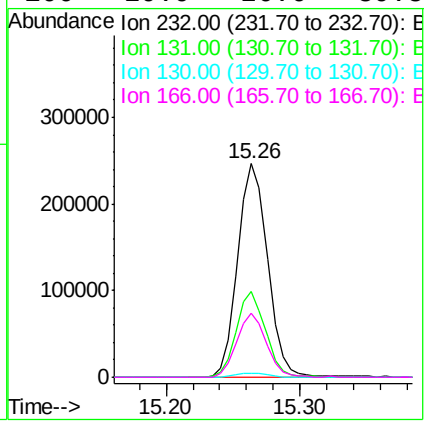


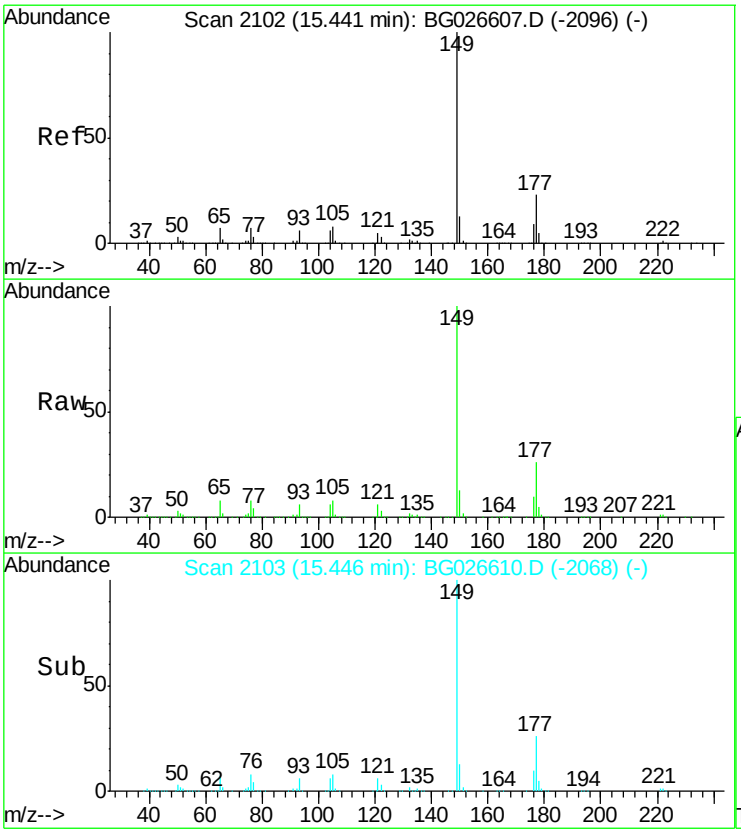
#55
2,3,4,6-Tetrachlorophenol
Concen: 40.07 ng/ul
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:232 Resp: 382886

Ion	Ratio	Lower	Upper
232	100		
131	40.1	39.4	59.2
130	2.0	2.2	3.2#
166	29.9	26.6	39.8

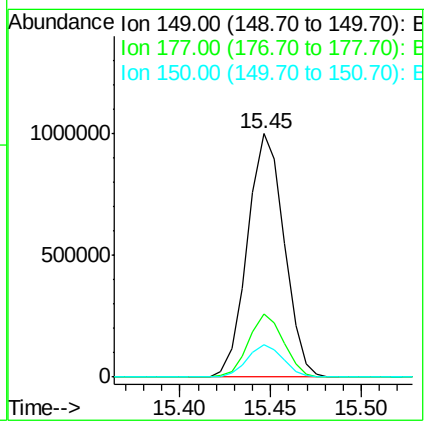


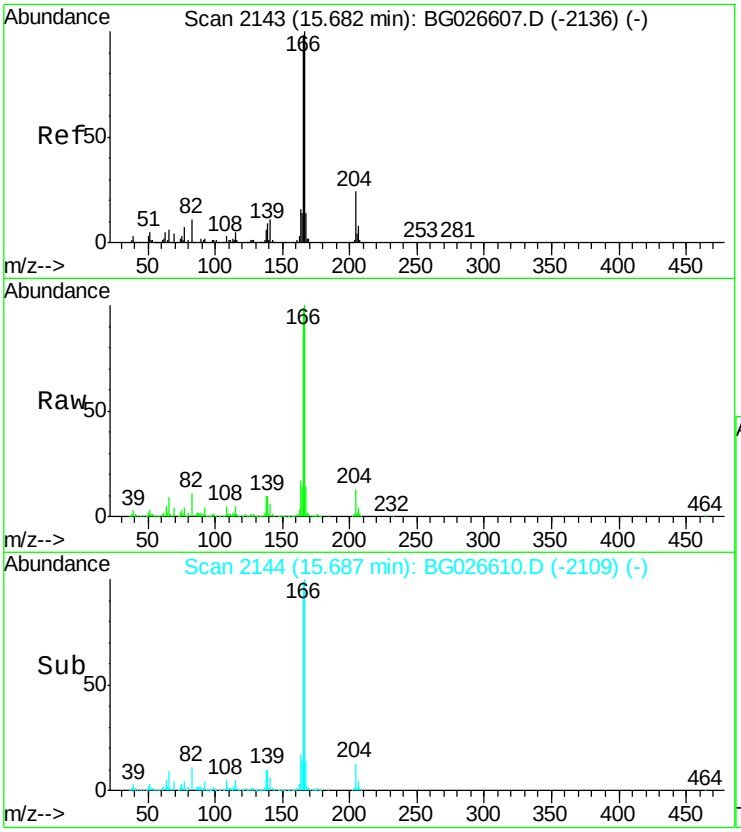


#56
Diethylphthalate
Concen: 40.72 ng/ul
RT: 15.45 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:149 Resp: 1403463

Ion	Ratio	Lower	Upper
149	100		
177	25.8	17.4	26.2
150	13.3	10.0	15.0



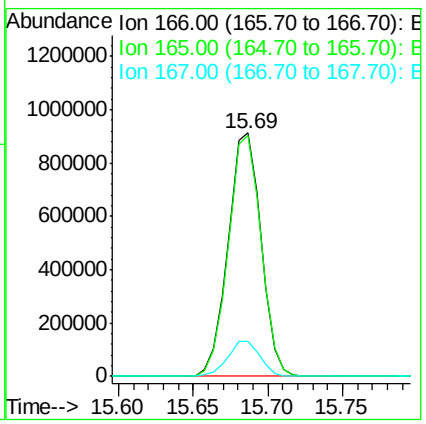


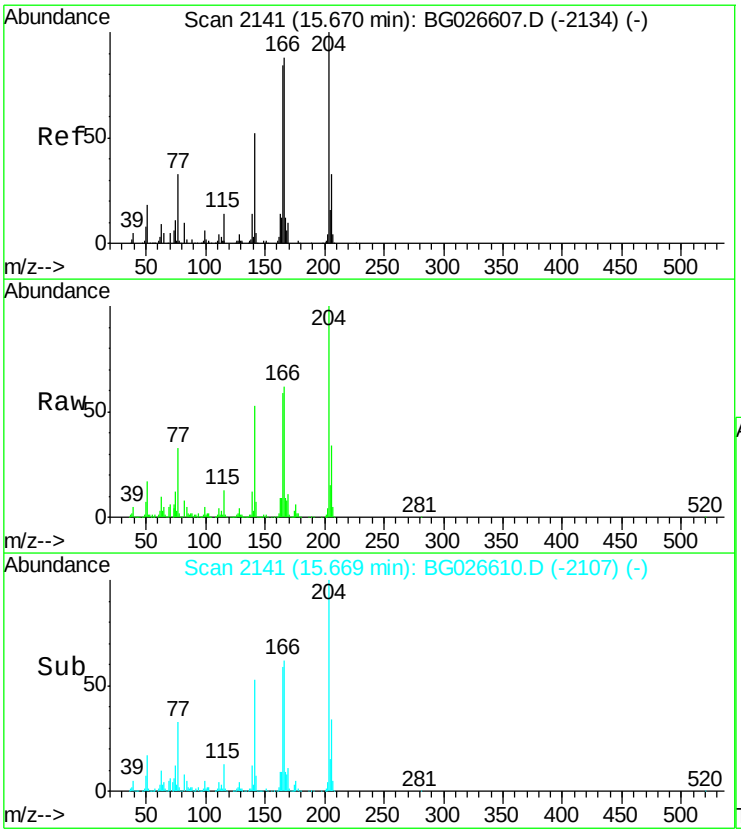
#58
Fluorene
Concen: 38.65 ng/ul
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:166 Resp: 1407314

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	14.4	10.7	16.1

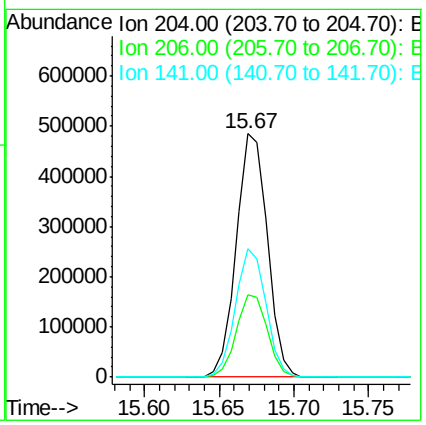


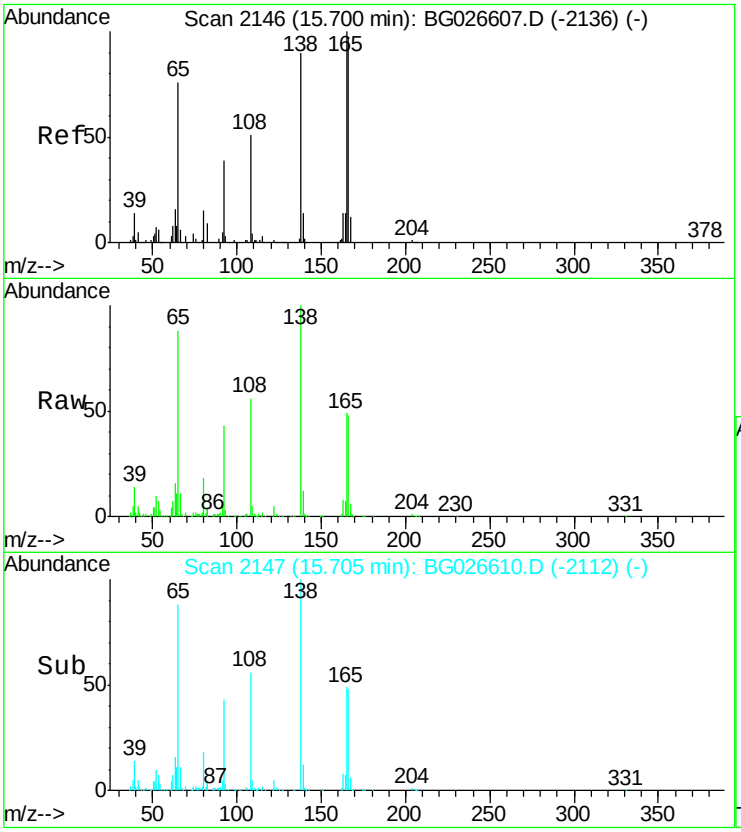


#59
4-Chlorophenyl-phenylether
Concen: 39.07 ng/ul
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:204 Resp: 698769

Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.4
141	52.7	54.6	81.8#



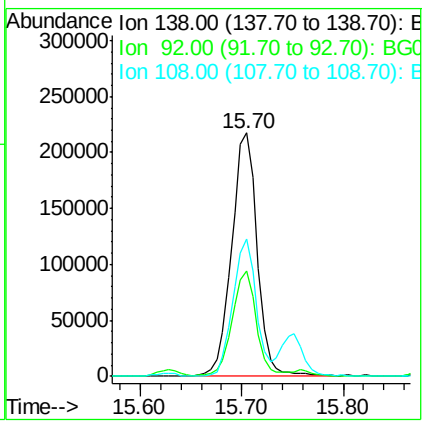


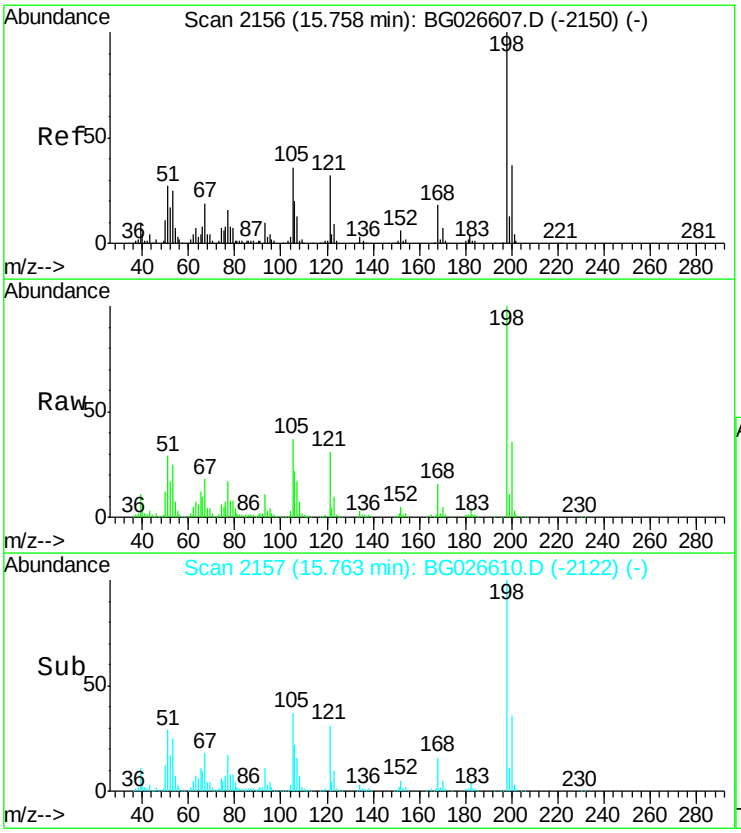
#60
4-Nitroaniline
Concen: 44.22 ng/ul
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:138 Resp: 379977

Ion	Ratio	Lower	Upper
138	100		
92	43.1	40.6	60.8
108	56.2	67.0	100.6#

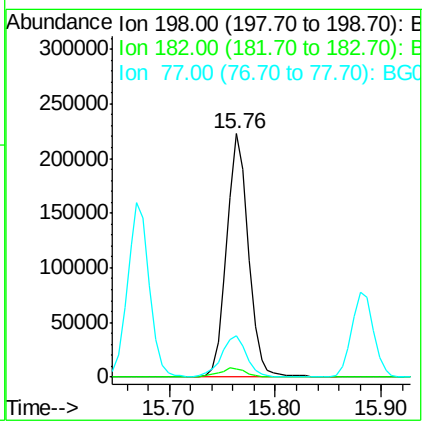


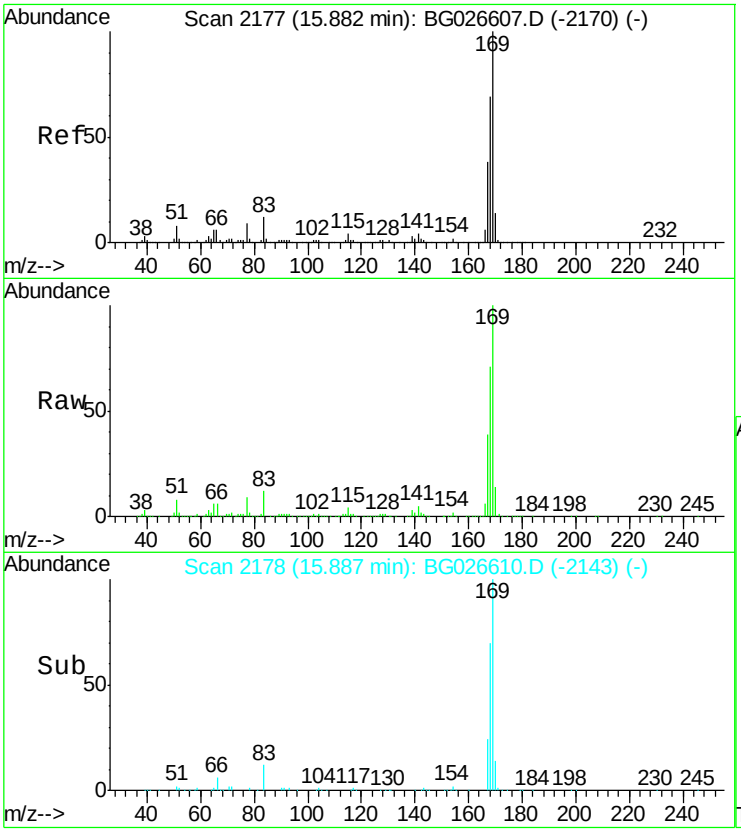


#63
4,6-Dinitro-2-methylphenol
Concen: 42.78 ng/ul
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:198 Resp: 316299

Ion	Ratio	Lower	Upper
198	100		
182	3.6	3.1	4.7
77	17.2	20.1	30.1#



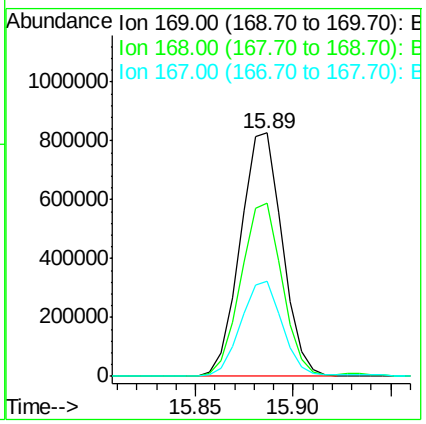


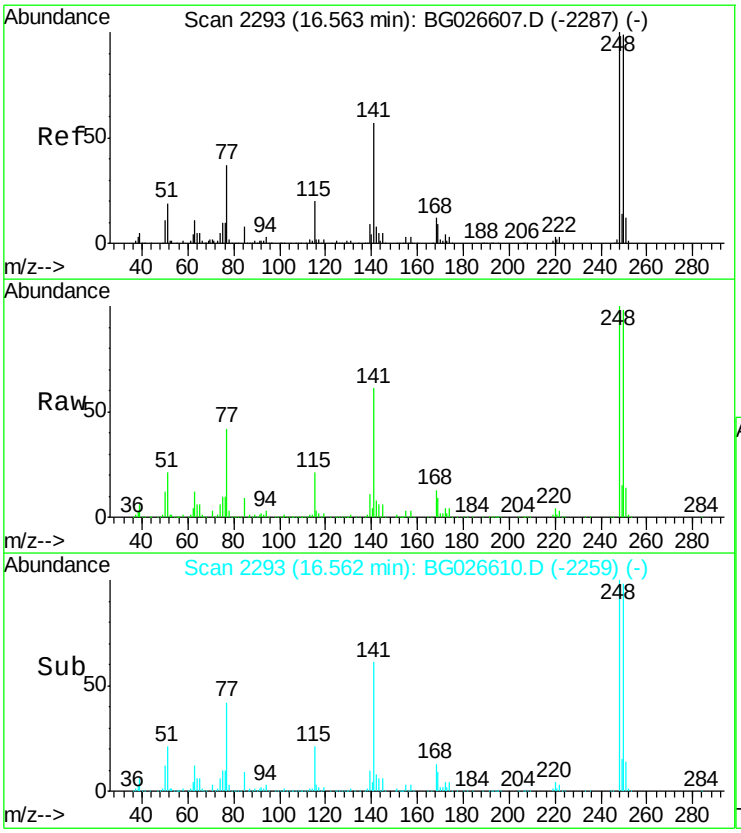
#64
N-Nitrosodiphenylamine
Concen: 39.22 ng/ul
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:169 Resp: 1229193

Ion	Ratio	Lower	Upper
169	100		
168	71.3	53.8	80.8
167	38.9	29.3	43.9

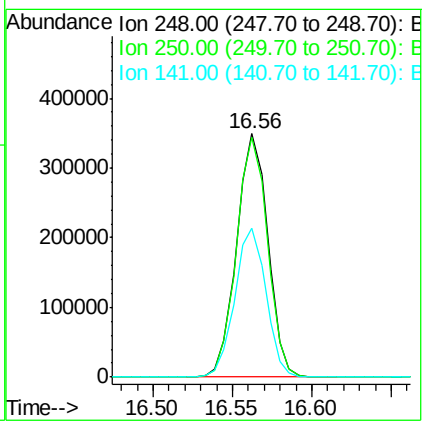


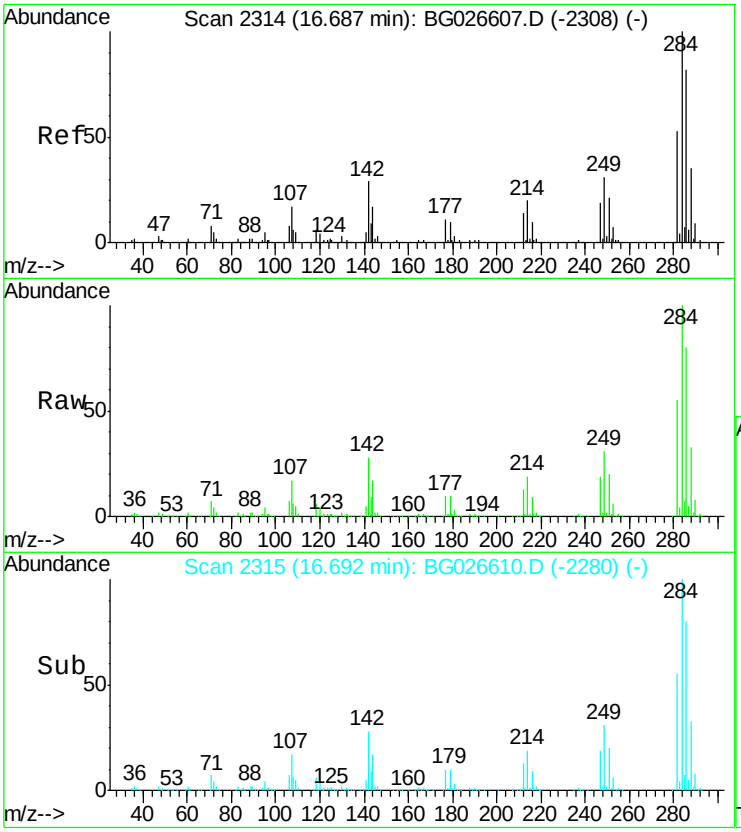


#65
4-Bromophenyl-phenylether
Concen: 39.70 ng/ul
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:248 Resp: 478316

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.7	118.1
141	61.2	72.2	108.2#



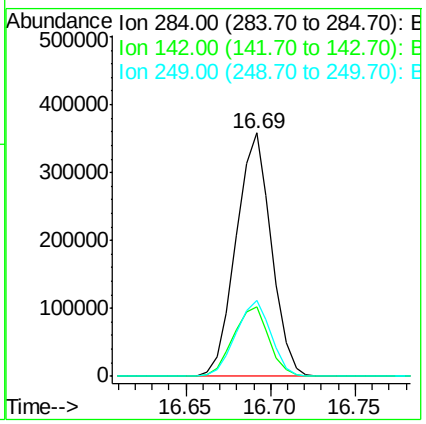


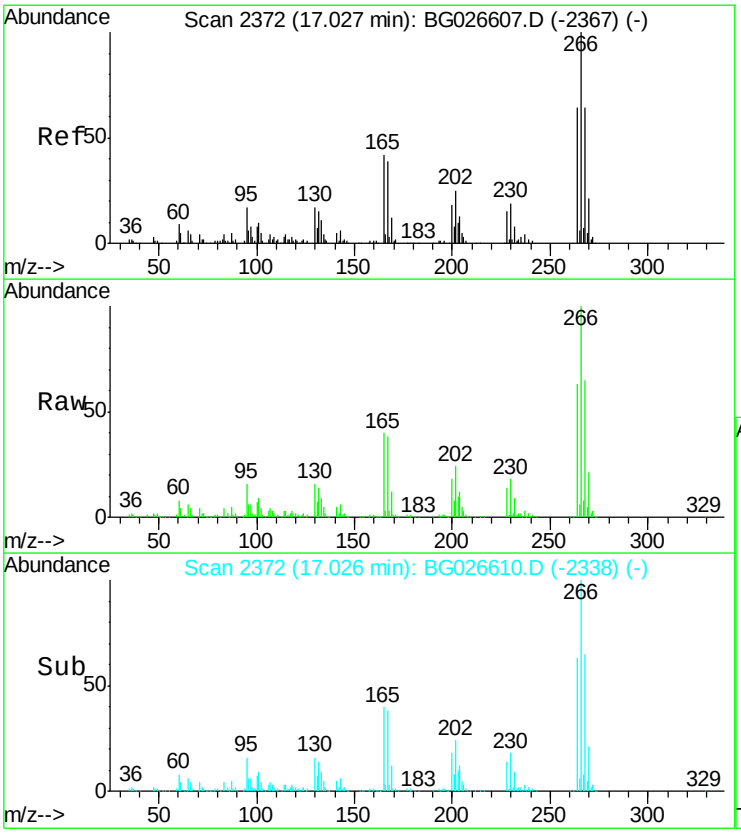
#66
Hexachlorobenzene
Concen: 40.34 ng/ul
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:284 Resp: 521081

Ion	Ratio	Lower	Upper
284	100		
142	28.4	33.1	49.7#
249	31.0	27.1	40.7

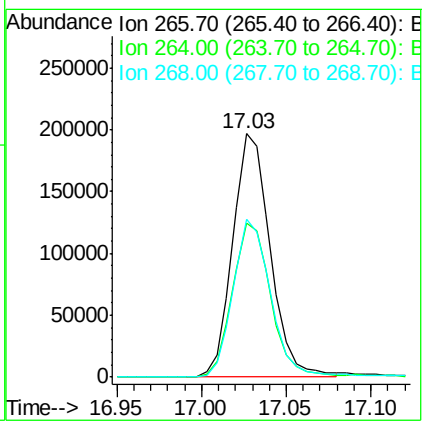


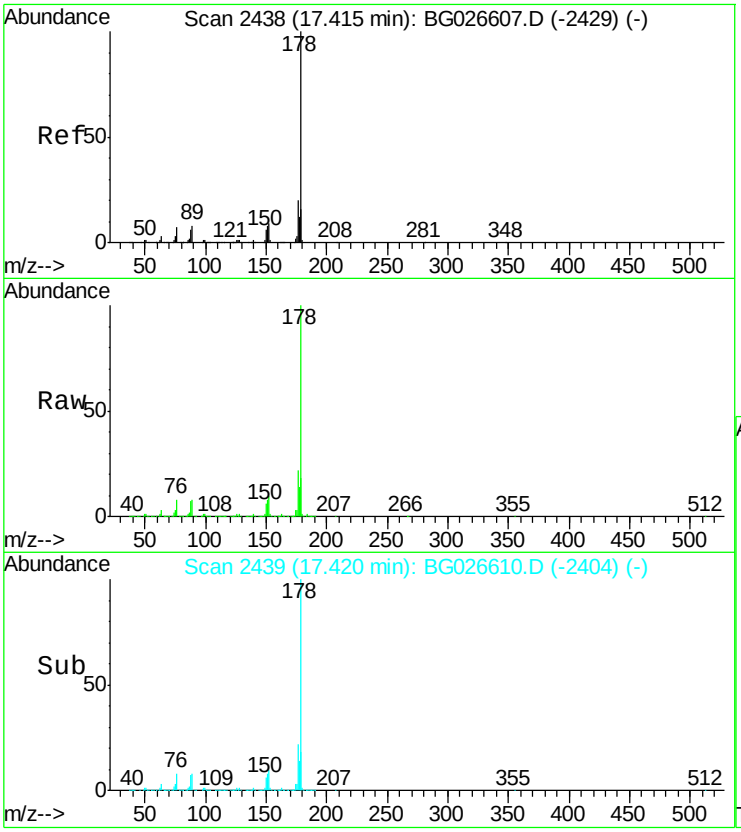


#68
Pentachlorophenol
Concen: 39.54 ng/ul
RT: 17.03 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:266 Resp: 303935

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.5	75.7
268	64.9	50.9	76.3



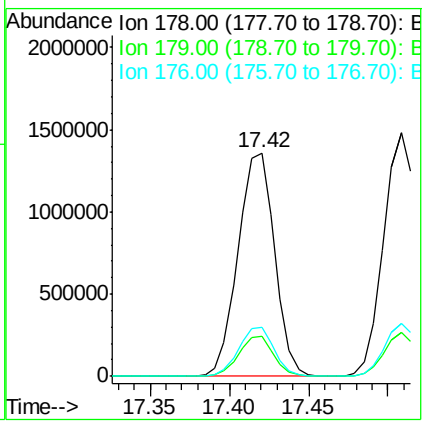


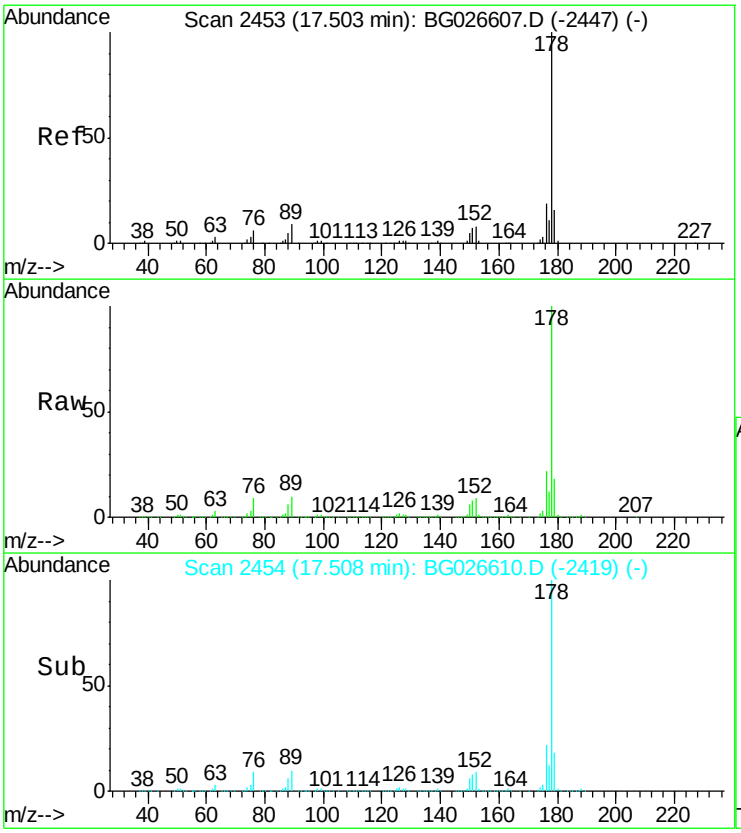
#69
Phenanthrene
Concen: 37.98 ng/ul
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:178 Resp: 2180355

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.2	18.4
176	22.0	15.6	23.4

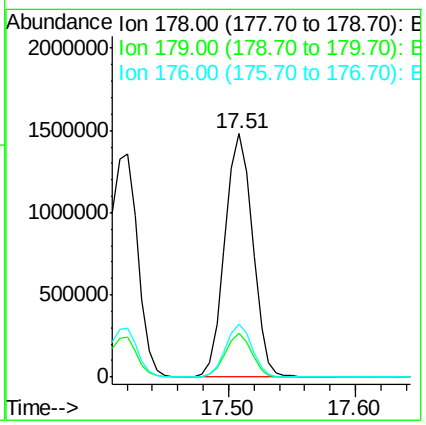


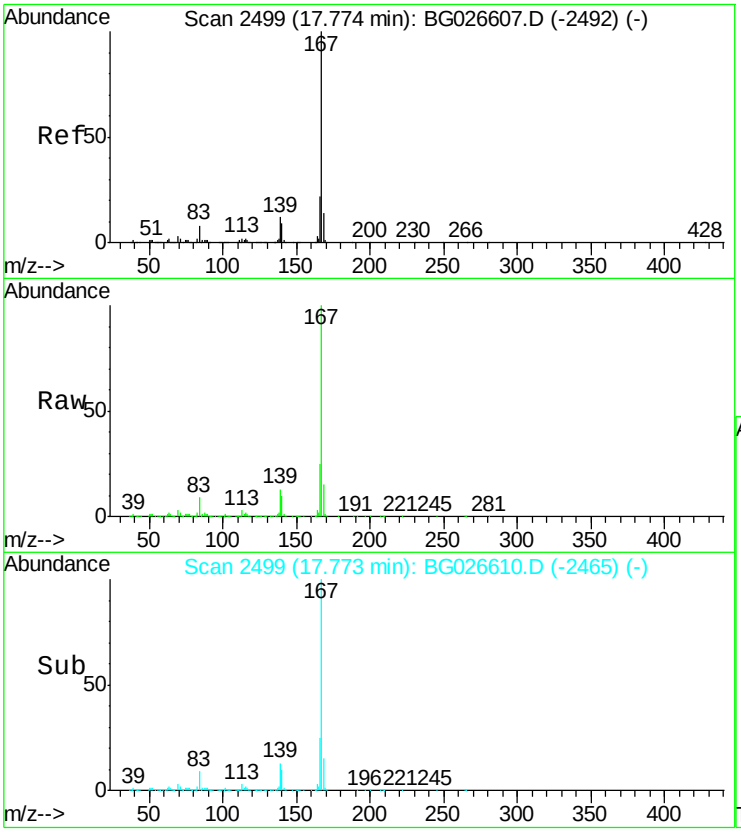


#71
Anthracene
Concen: 38.17 ng/ul
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:178 Resp: 2241885

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.1	18.1
176	21.5	14.8	22.2



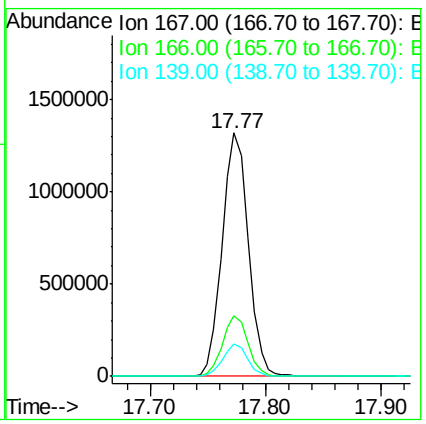


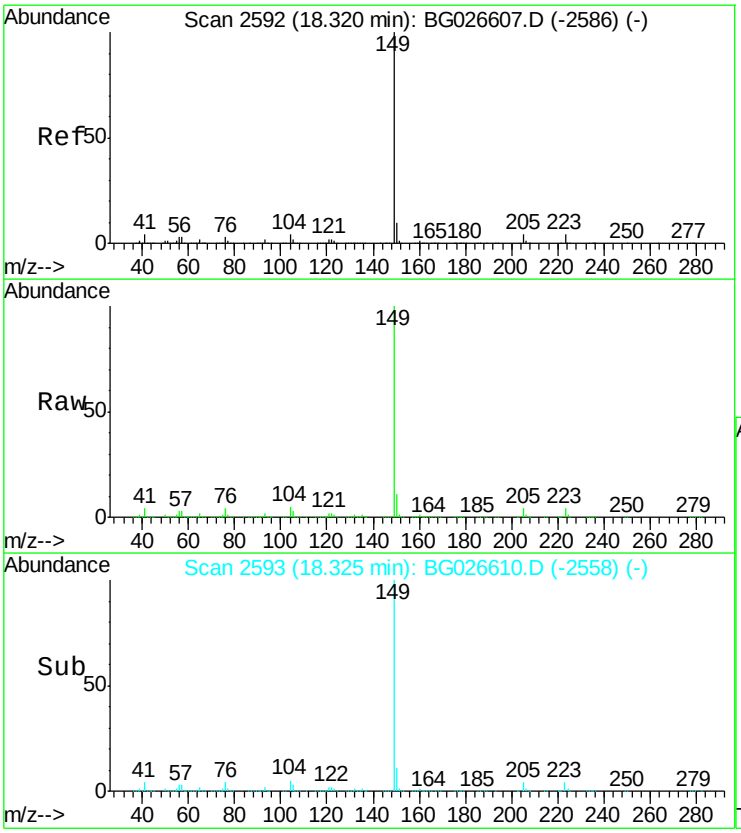
#74
Carbazole
Concen: 41.20 ng/ul
RT: 17.77 min Scan# 2499
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:167 Resp: 2080288

Ion	Ratio	Lower	Upper
167	100		
166	25.1	17.0	25.6
139	13.4	11.0	16.4

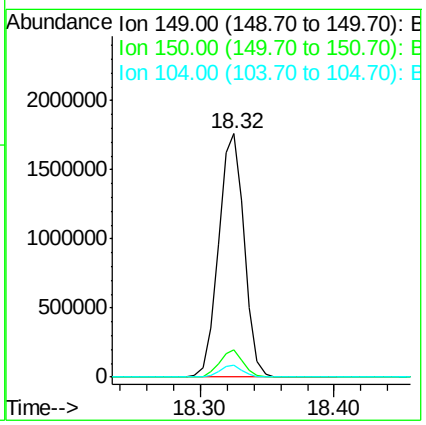


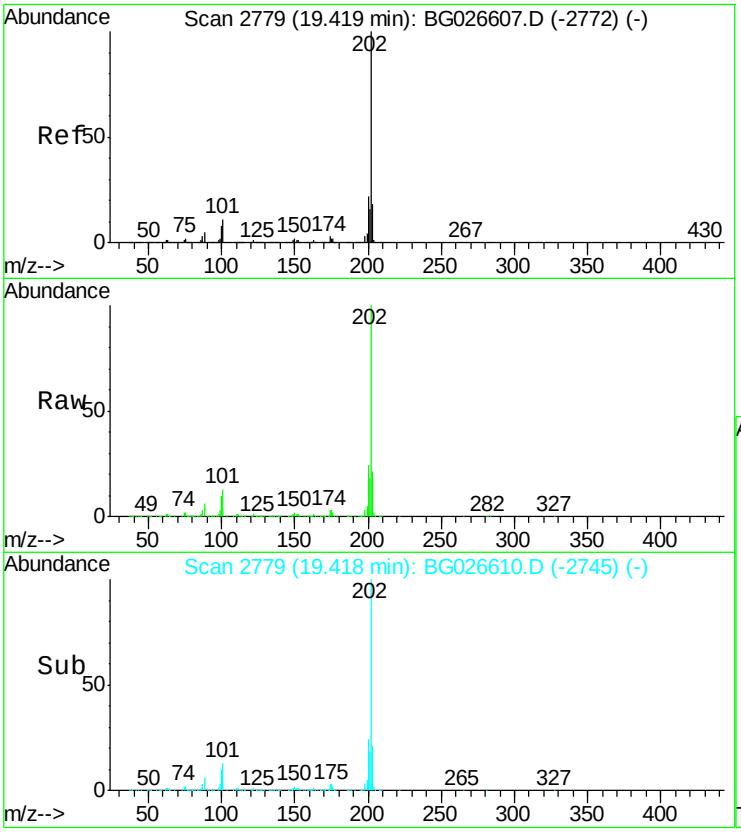


#75
Di-n-butylphthalate
Concen: 39.72 ng/ul
RT: 18.32 min Scan# 2593
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:149 Resp: 2364432

Ion	Ratio	Lower	Upper
149	100		
150	11.0	7.4	11.0
104	4.7	4.0	6.0



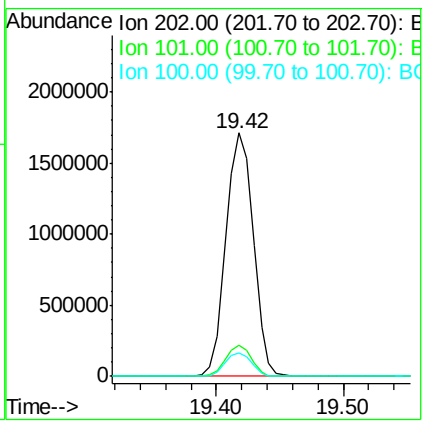


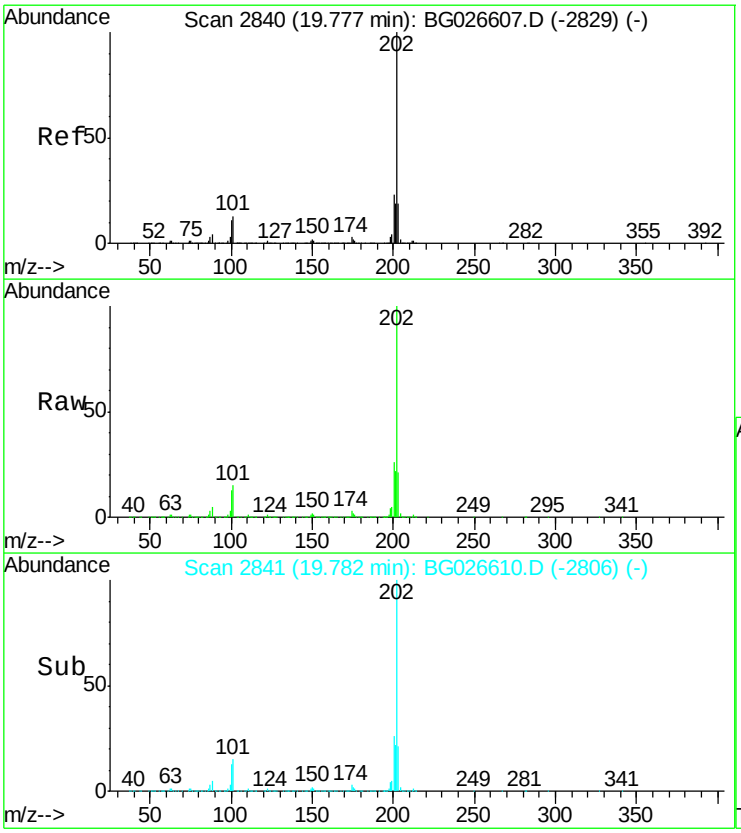
#76
Fluoranthene
Concen: 41.56 ng/ul
RT: 19.42 min Scan# 2779
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:202 Resp: 2549225

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.8	13.2
100	9.7	6.6	9.8

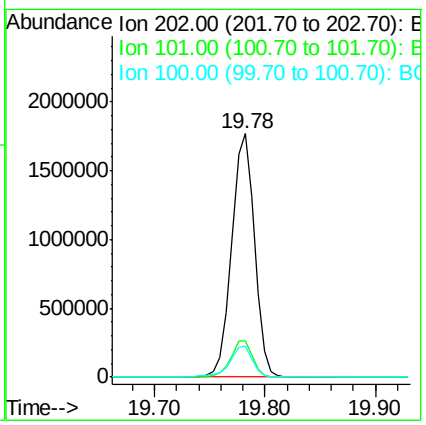


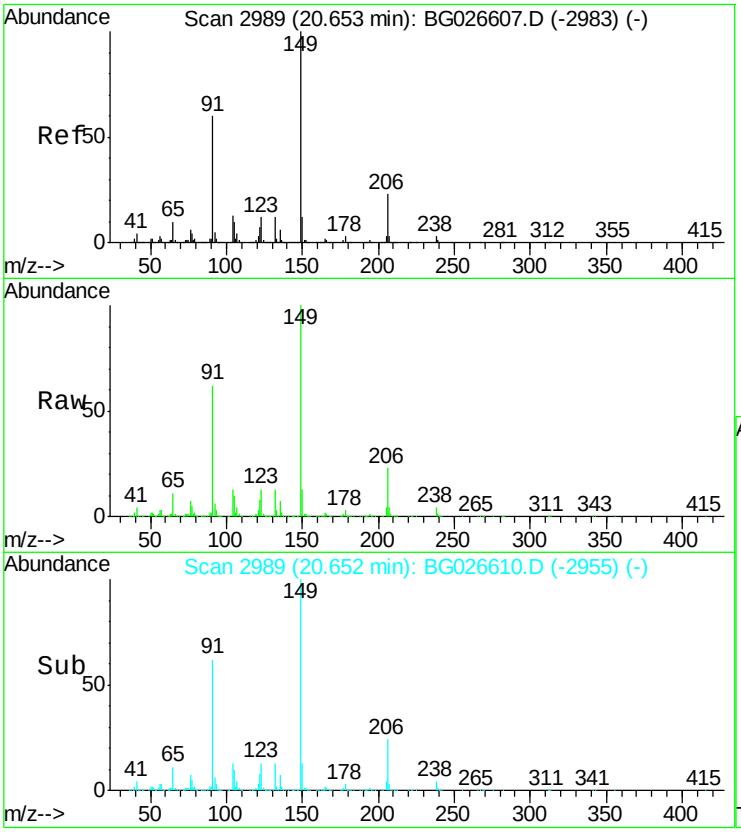


#79
Pyrene
Concen: 38.62 ng/ul
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:202 Resp: 2573907

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.2	15.2
100	12.6	8.5	12.7



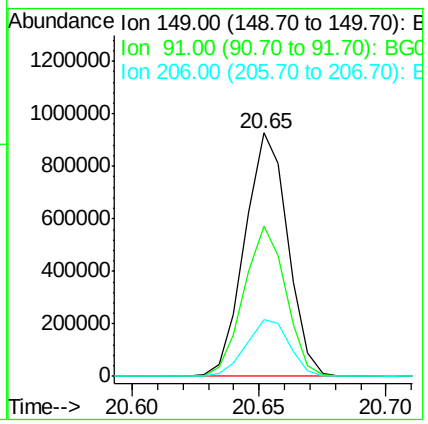


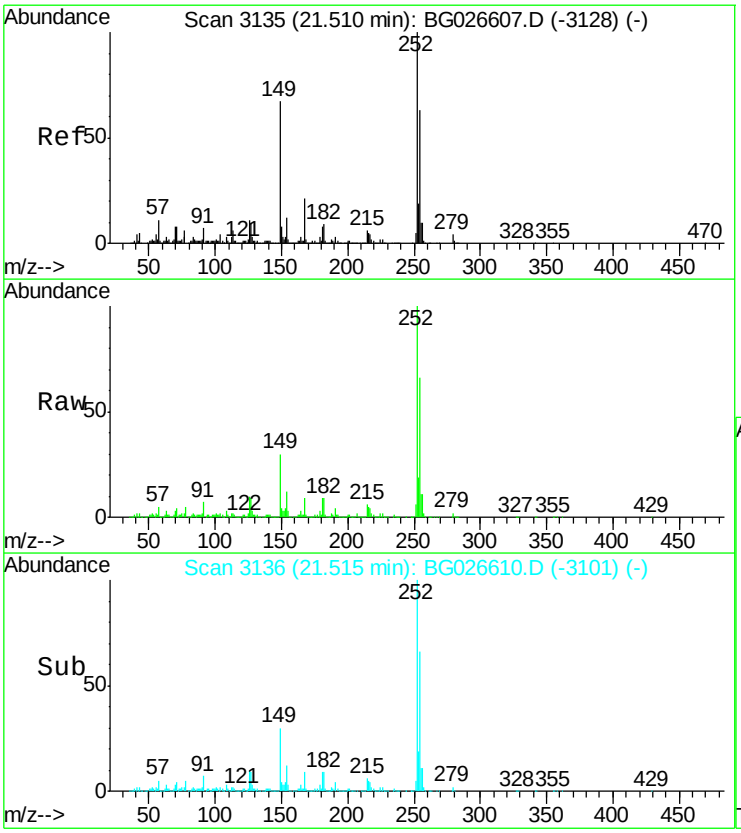
#80
Butylbenzylphthalate
Concen: 41.51 ng/ul
RT: 20.65 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:149 Resp: 1094300

Ion	Ratio	Lower	Upper
149	100		
91	61.9	53.4	80.2
206	23.5	16.6	24.8

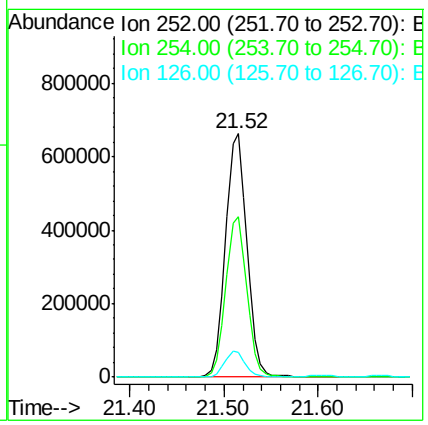


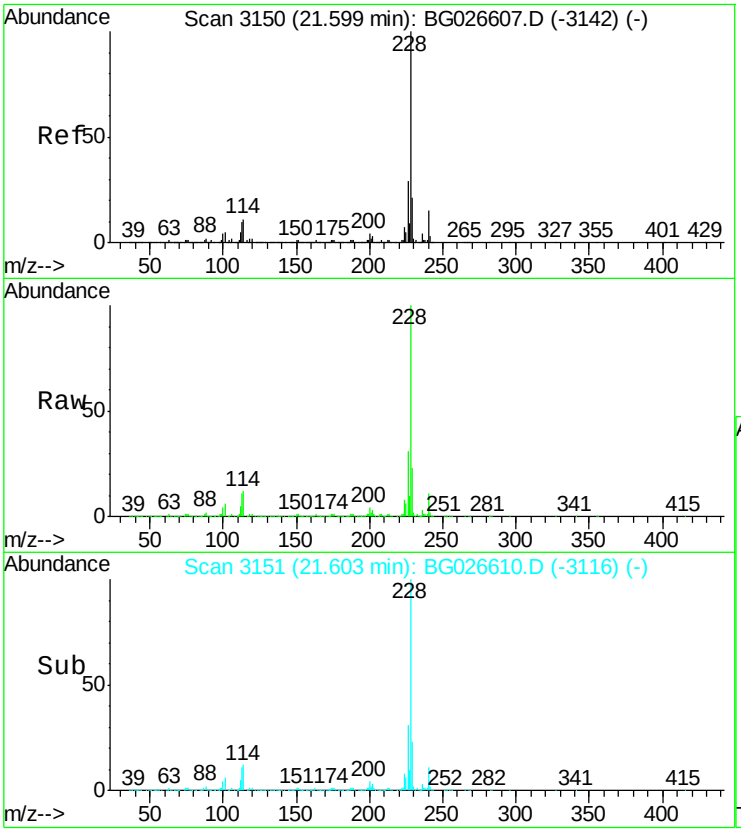


#81
3,3'-Dichlorobenzidine
Concen: 50.59 ng/ul
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:252 Resp: 1051044

Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.2	78.2
126	10.1	9.4	14.2



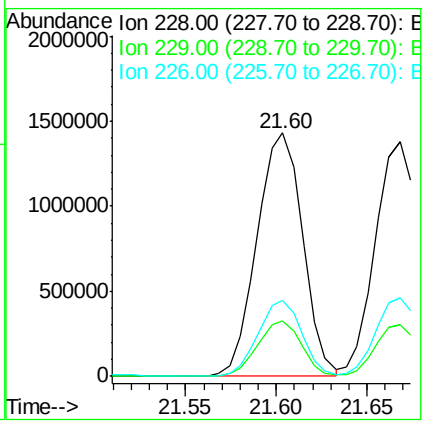


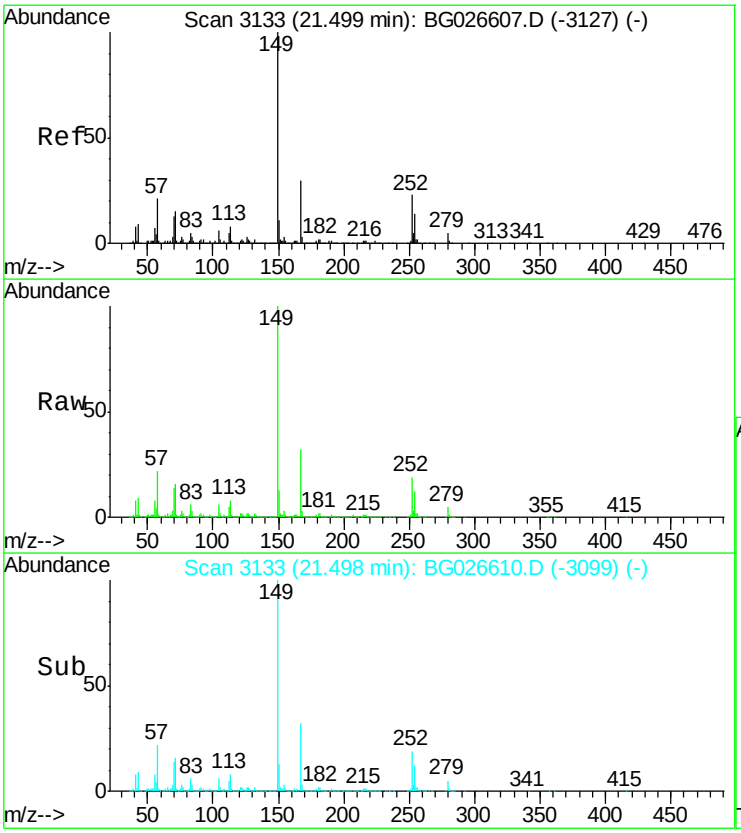
#82
Benzo(a)anthracene
Concen: 38.85 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:228 Resp: 2514938

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.7	23.5
226	31.4	21.8	32.6

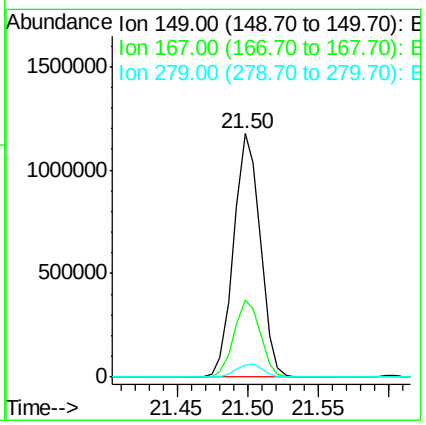


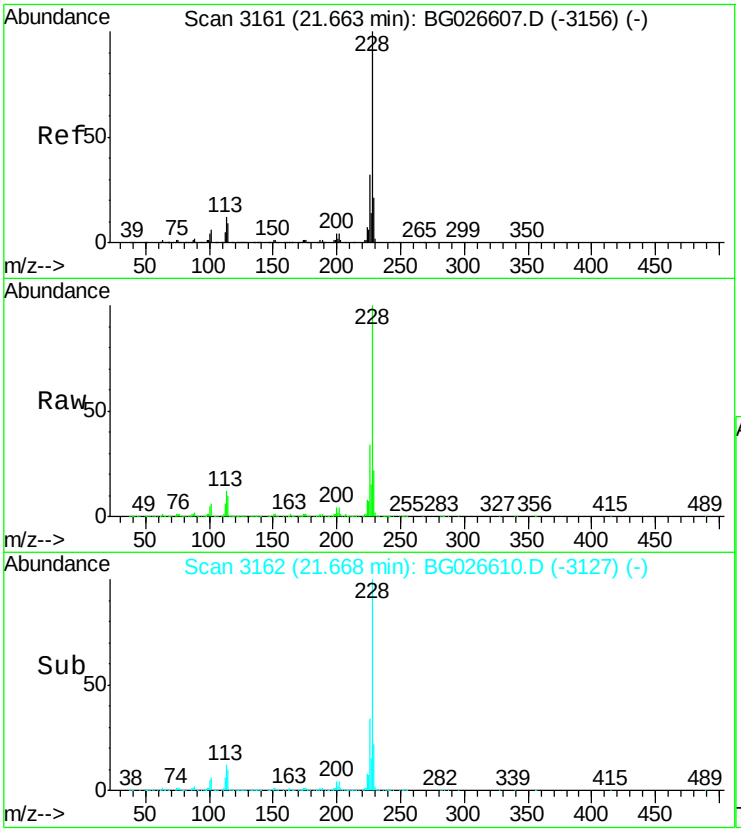


#83
Bis(2-ethylhexyl)phthalate
Concen: 40.86 ng/ul
RT: 21.50 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:149 Resp: 1539345

Ion	Ratio	Lower	Upper
149	100		
167	31.9	21.6	32.4
279	5.2	3.0	4.4#



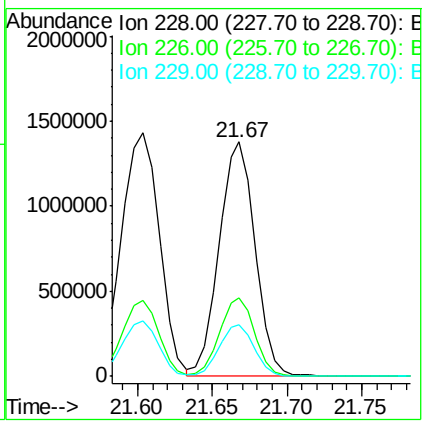


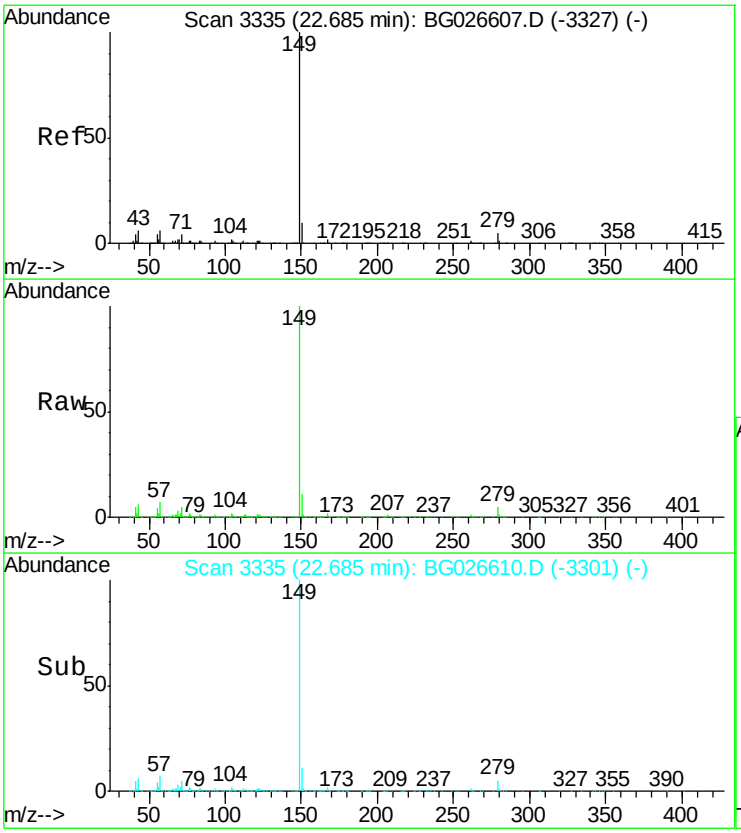
#84
Chrysene
Concen: 38.67 ng/ul
RT: 21.67 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:228 Resp: 2314574

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.0	36.0
229	22.1	15.6	23.4

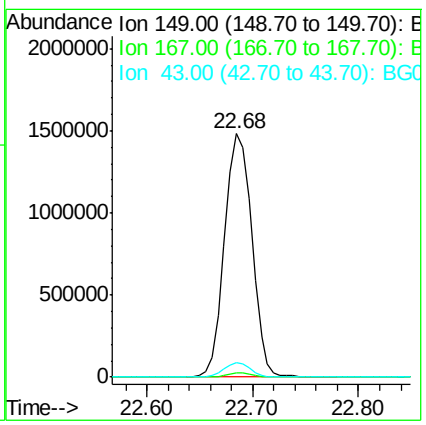


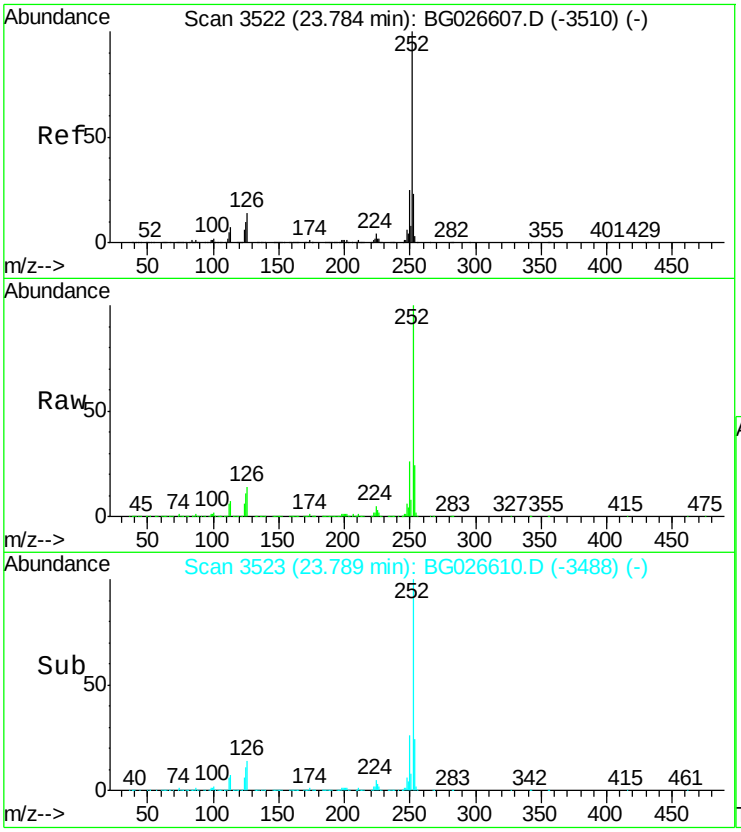


#86
Di-n-octyl phthalate
Concen: 42.73 ng/ul
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:149 Resp: 2644798

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	5.9	5.6	8.4



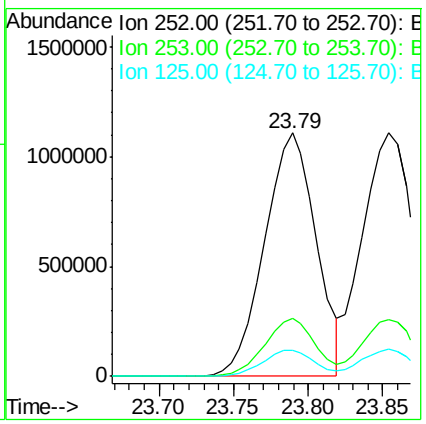


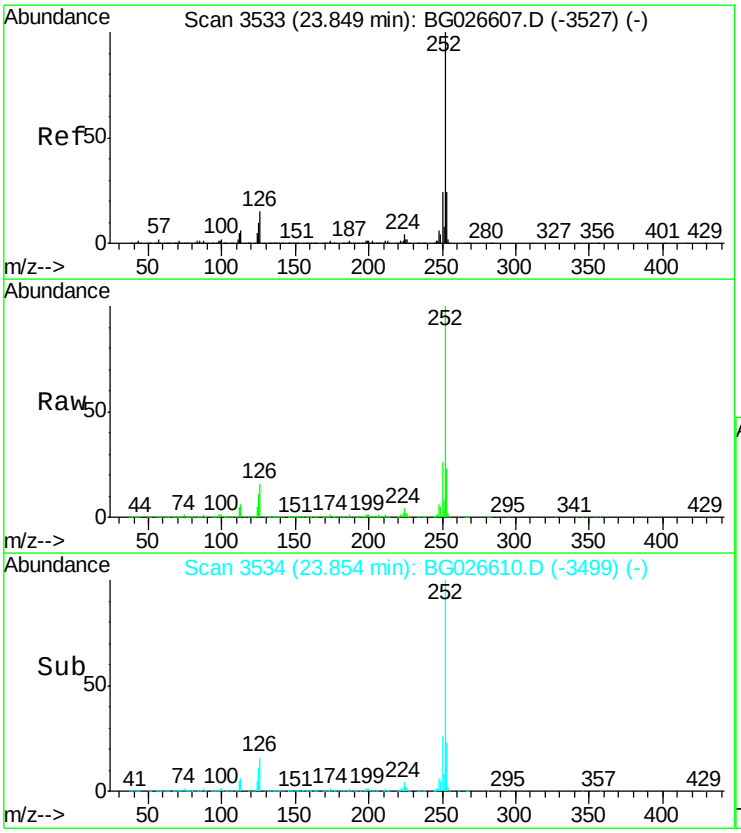
#87
Benzo(b)fluoranthene
Concen: 39.00 ng/ul
RT: 23.79 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:252 Resp: 2661412

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	10.8	8.5	12.7

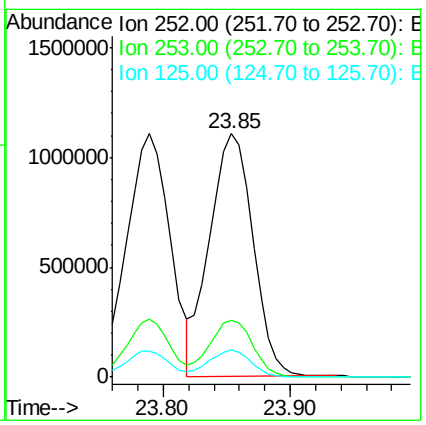


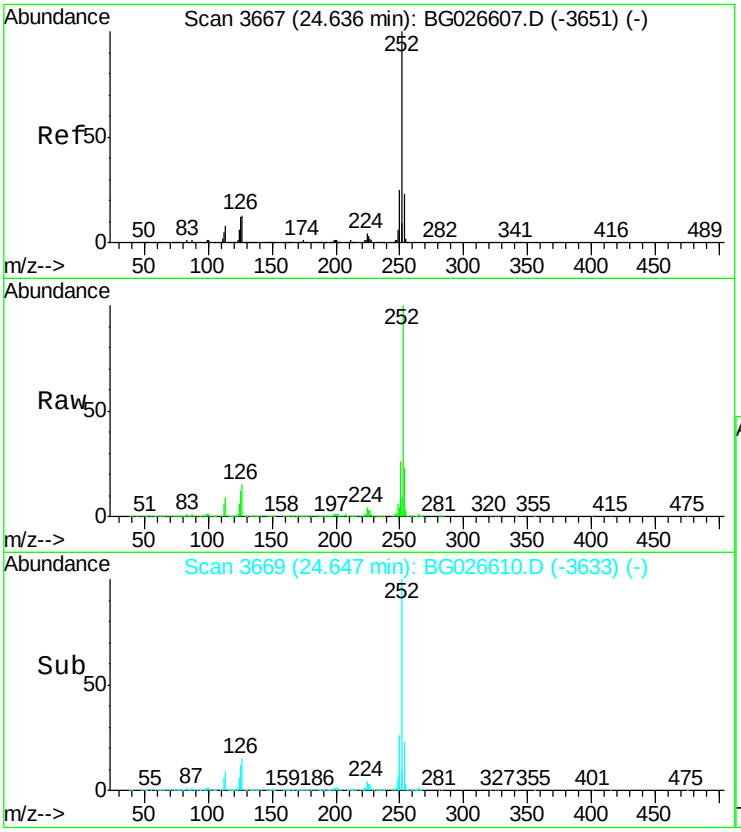


#88
Benzo(k)fluoranthene
Concen: 40.43 ng/ul
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:252 Resp: 2635192

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.0	8.2	12.2



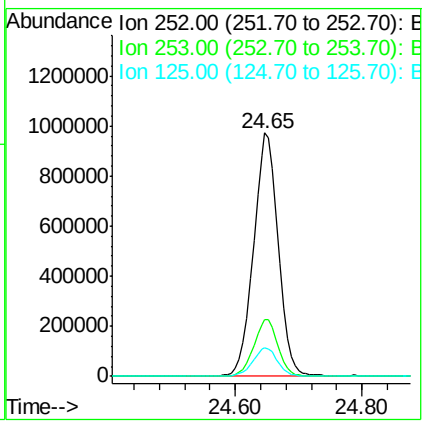


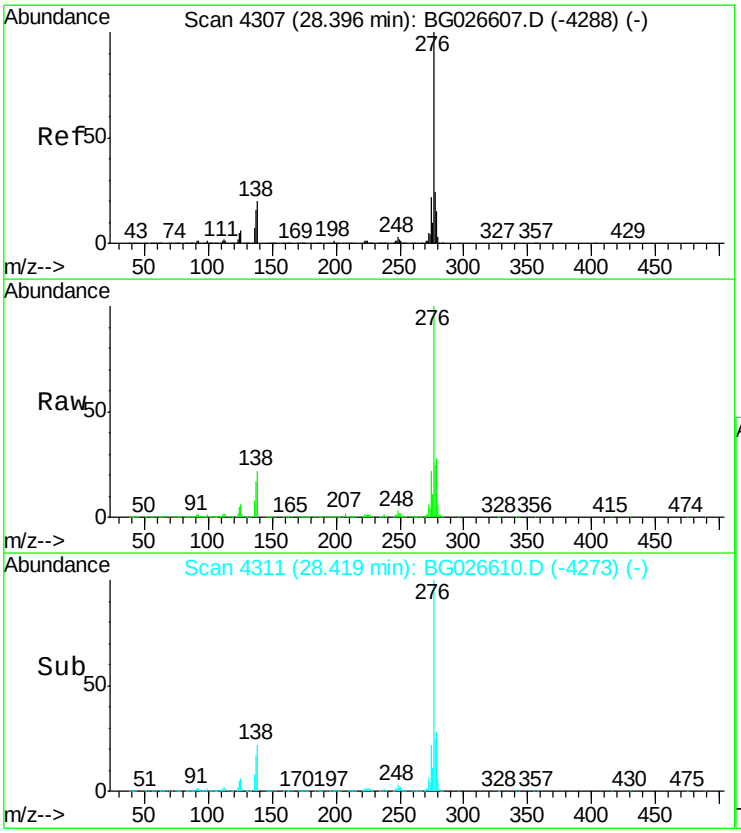
#90
Benzo(a)pyrene
Concen: 40.03 ng/ul
RT: 24.65 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:252 Resp: 2642889

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.9	9.0	13.6

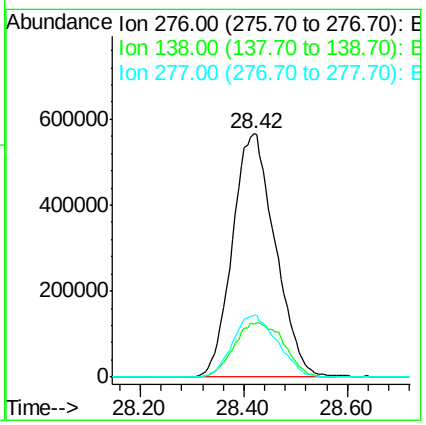


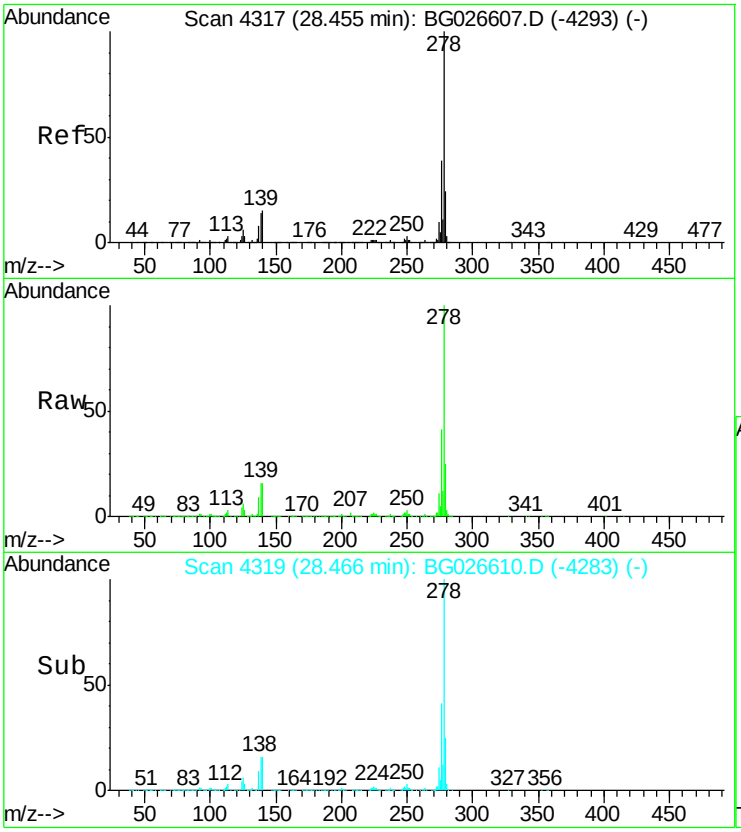


#91
Indeno(1,2,3-cd)pyrene
Concen: 40.84 ng/ul
RT: 28.42 min Scan# 4311
Delta R.T. 0.02 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:276 Resp: 3251425

Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.3	33.5#
277	25.4	20.2	30.2



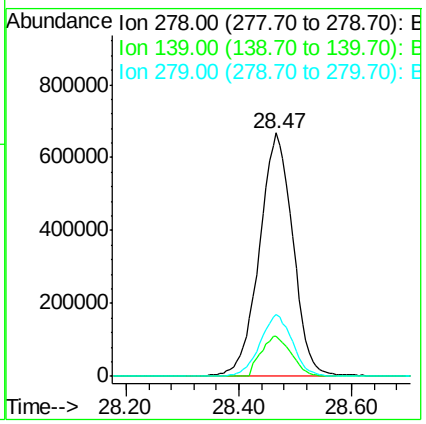


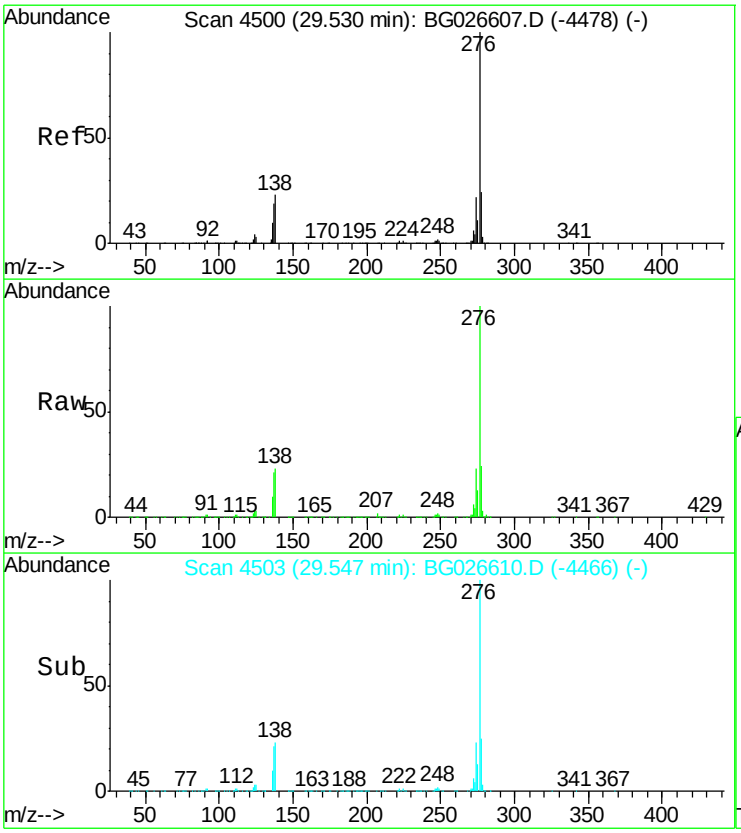
#92
Dibenzo(a,h)anthracene
Concen: 41.29 ng/ul
RT: 28.47 min Scan# 4319
Delta R.T. 0.01 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Instrument :
BNA_G
ClientSampleId :
40 PPB(EPA-STD+SURR)

Tgt Ion:278 Resp: 2743883

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.9	20.9
279	25.3	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 40.80 ng/ul
RT: 29.55 min Scan# 4503
Delta R.T. 0.02 min
Lab File: BG026610.D
Acq: 10 Apr 2017 16:48

Tgt Ion:276 Resp: 2701374

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.9	28.3
277	24.5	19.2	28.8