Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028536.D
Acq On : 29 Aug 2017 2:28
Operator : SJ/JU
Sample : I4905-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B16

Quant Time: Aug 29 04:01:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	60294	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	241397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	153073	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	348663	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	412688	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	398434	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	6184	4.78	ng/uL	0.00
5) Phenol-d5	7.50	99	169902	25.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	109354	26.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	128058	30.65	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	138496	25.02	ng/ul	0.00
19) Nitrobenzene-d5	9.72	128	191	0.10	ng/ul	0.22
22) 2-Nitrophenol-d4	10.23	143	78912	38.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	147466	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	94983	19.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	463530	34.05	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	536587	34.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	63171	29.18	ng/ul	0.02
57) Fluorene-d10	15.94	176	401738	32.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	50054	22.10	ng/ul	0.00
70) Anthracene-d10	17.71	188	348663	20.85	ng/ul	-0.09
76) Pyrene-d10	20.08	212	740623	35.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	732587	39.28	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.53	94	14429	2.193	ng/ul	91
14) Acetophenone	9.15	105	8750	1.109	ng/ul#	34
17) Hexachloroethane	9.45	117	11003	6.523	ng/ul#	1
21) Isophorone	10.06	82	22534	2.171	ng/ul#	1
23) 2-Nitrophenol	10.25	139	3707	1.774	ng/ul#	1
24) 2,4-Dimethylphenol	10.36	107	31996	6.161	ng/ul#	43
28) Naphthalene	11.21	128	42129	3.524	ng/ul#	93
33) 4-Chloro-3-methylphenol	12.44	107	8051	1.618	ng/ul#	25
34) 2-Methylnaphthalene	12.80	142	108356	11.283	ng/ul	94
44) Dimethylphthalate	14.39	163	132214	10.547	ng/ul#	94
45) 2,6-Dinitrotoluene	14.55	165	3705	1.431	ng/ul#	1
48) 3-Nitroaniline	14.85	138	6117	2.625	ng/ul#	18
52) 4-Nitrophenol	15.17	109	11500	5.127	ng/ul#	19
58) Fluorene	16.00	166	13329	1.043	ng/ul#	86
64) N-Nitrosodiphenylamine	16.20	169	14954	1.630	ng/ul#	50
69) Phenanthrene	17.75	178	44594	2.541	ng/ul#	86
74) Fluoranthene	19.75	202	32084	1.505	ng/ul#	97
77) Pyrene	20.11	202	59571	2.419	ng/ul#	95
82) Chrysene	22.06	228	48971	2.280	ng/ul#	64
85) Benzo(b)fluoranthene	24.43	252	43694	1.833	ng/ul#	77
88) Benzo(a)pyrene	25.39	252	35355	1.531	ng/ul#	72

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028536.D
Acq On : 29 Aug 2017 2:28
Operator : SJ/JU
Sample : I4905-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B16

Quant Time: Aug 29 04:01:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028536.D
Acq On : 29 Aug 2017 2:28
Operator : SJ/JU
Sample : I4905-16
Misc :
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Instrument : BNA_G
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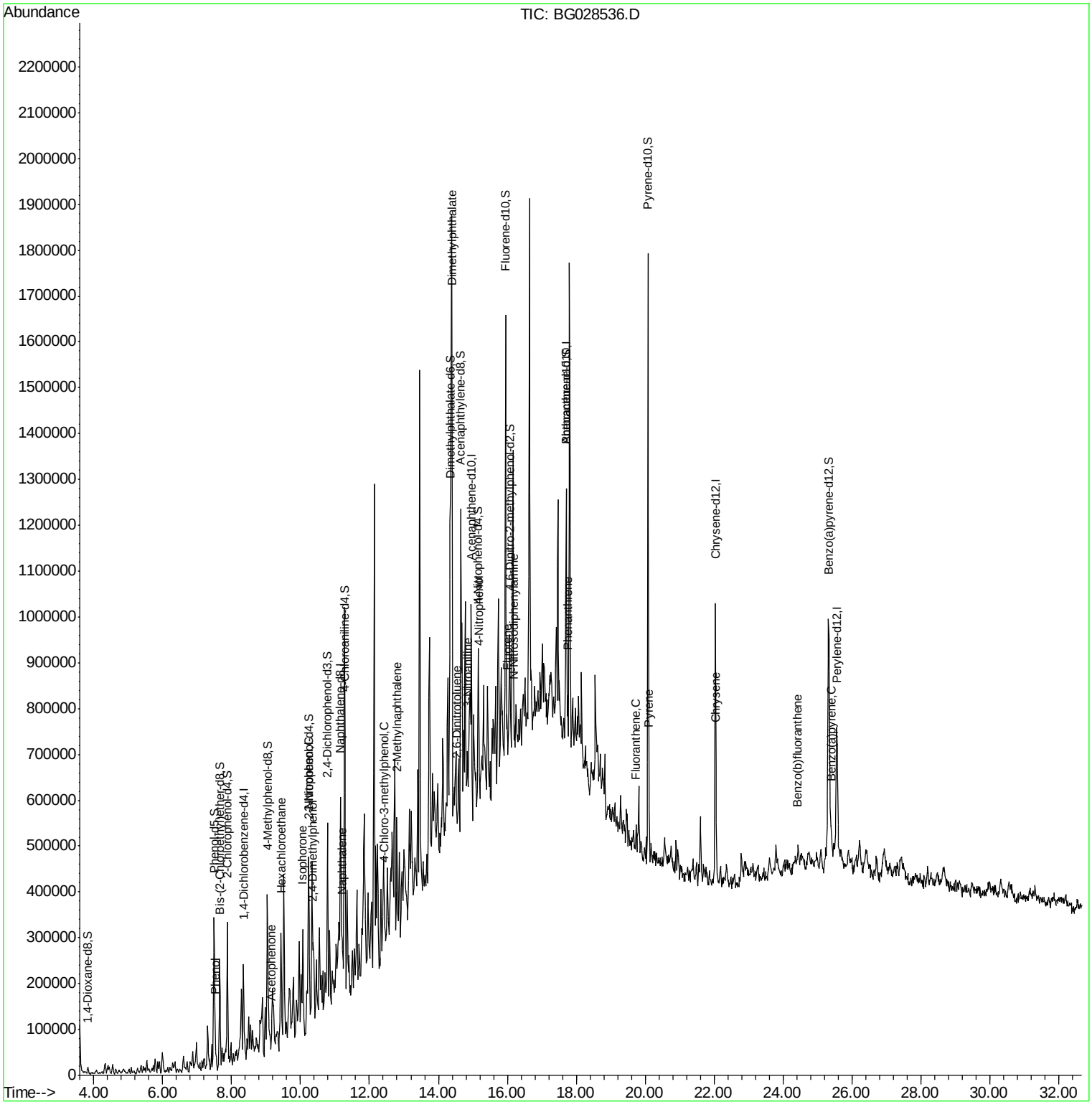
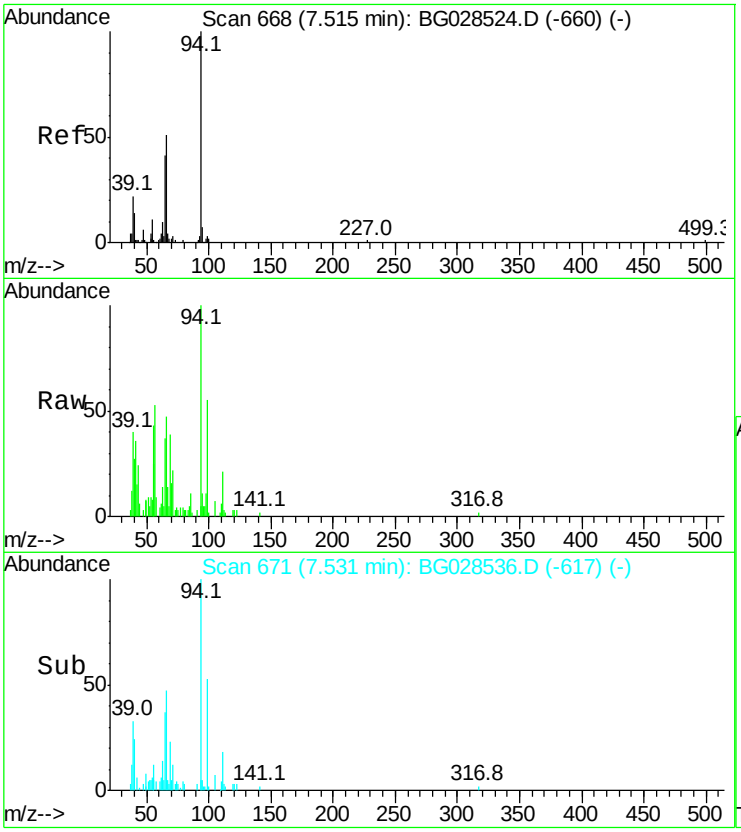
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration



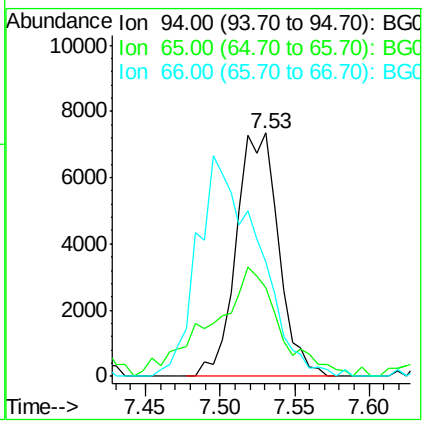


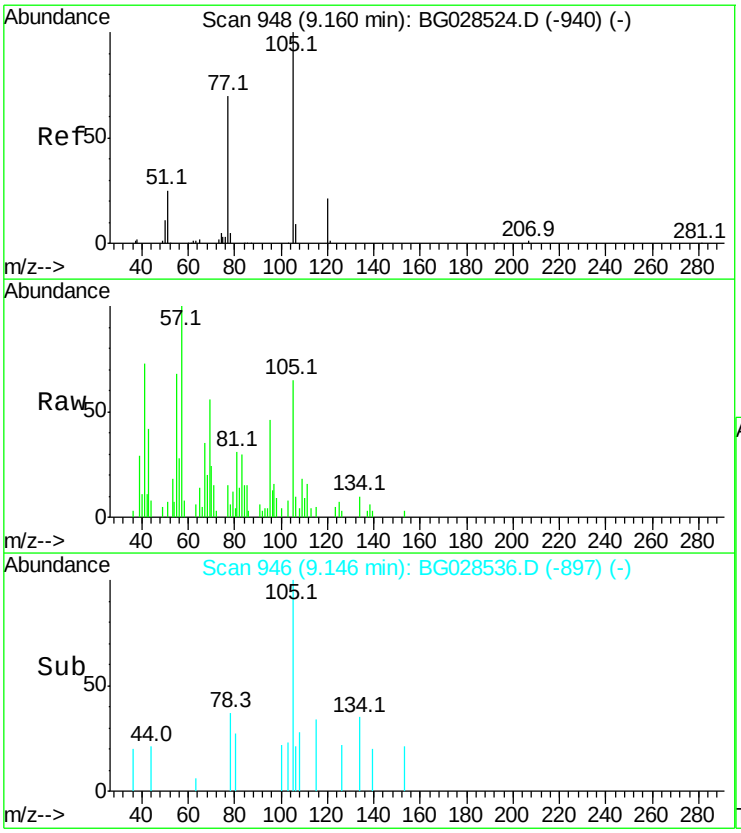
#6
Phenol
Concen: 2.193 ng/ul
RT: 7.53 min Scan# 671
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion: 94 Resp: 14429

Ion	Ratio	Lower	Upper
94	100		
65	36.6	26.8	40.2
66	47.1	44.4	66.6

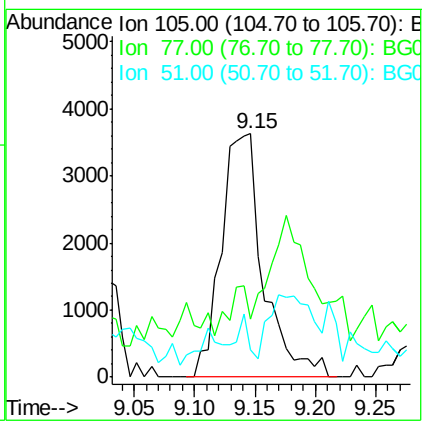


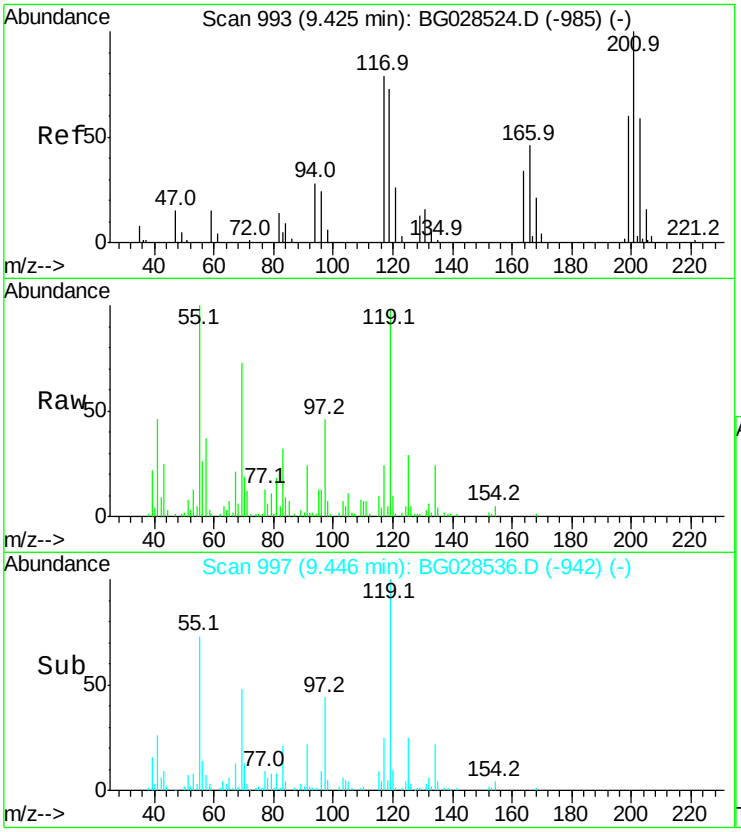


#14
Acetophenone
Concen: 1.109 ng/ul
RT: 9.15 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:105 Resp: 8750

Ion	Ratio	Lower	Upper
105	100		
77	23.7	76.0	114.0#
51	11.3	34.8	52.2#



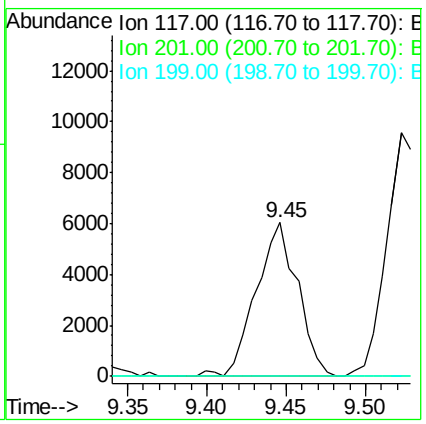


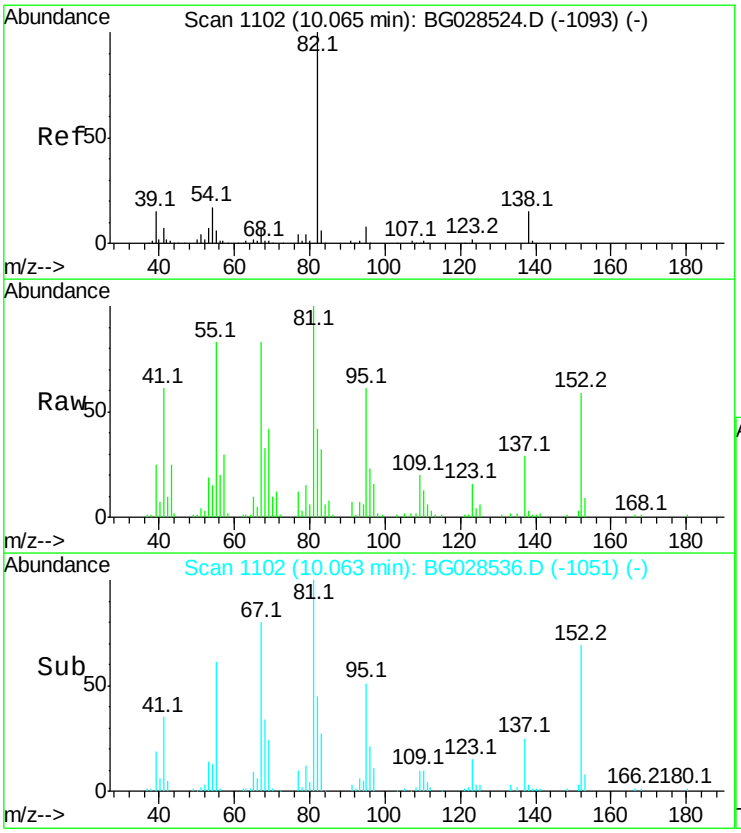
#17
Hexachloroethane
Concen: 6.523 ng/ul
RT: 9.45 min Scan# 997
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:117 Resp: 11003

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.9	137.9#
199	0.0	64.3	96.5#

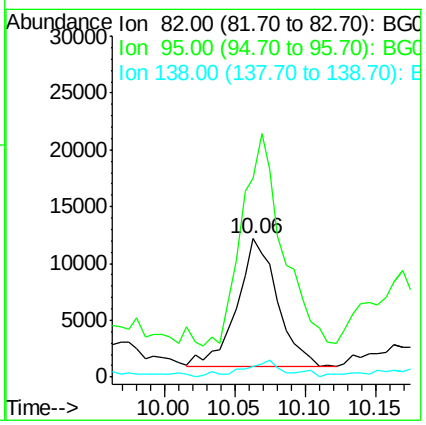


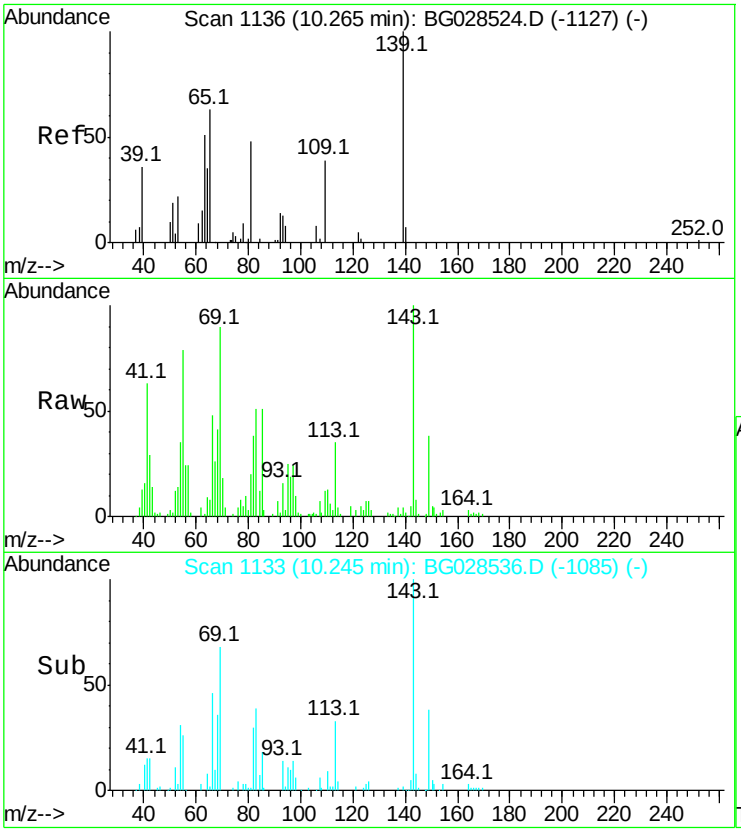


#21
Isophorone
Concen: 2.171 ng/ul
RT: 10.06 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion: 82 Resp: 22534

Ion	Ratio	Lower	Upper
82	100		
95	144.2	7.8	11.6#
138	7.5	12.2	18.2#



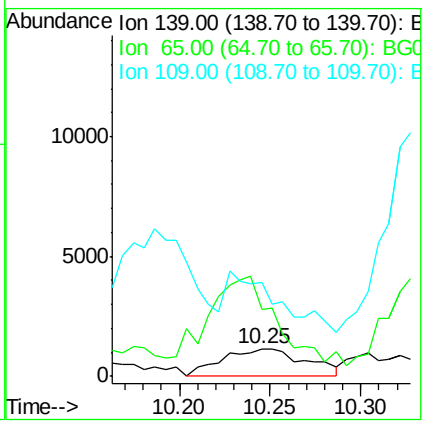


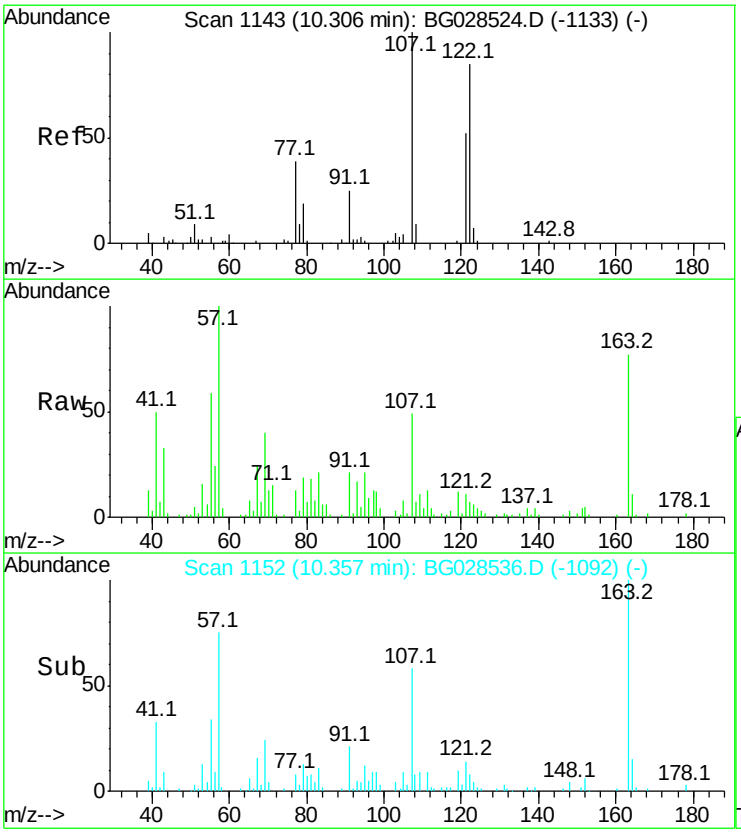
#23
2-Nitrophenol
Concen: 1.774 ng/ul
RT: 10.25 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:139 Resp: 3707

Ion	Ratio	Lower	Upper
139	100		
65	239.2	67.0	100.6#
109	338.5	39.6	59.4#

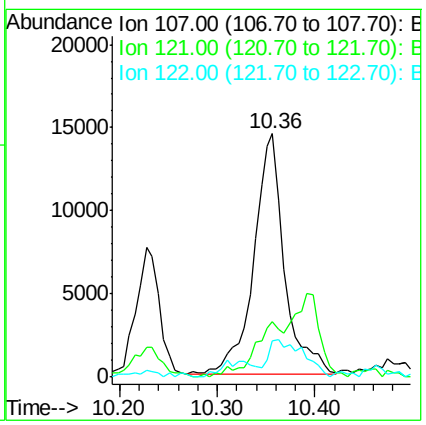


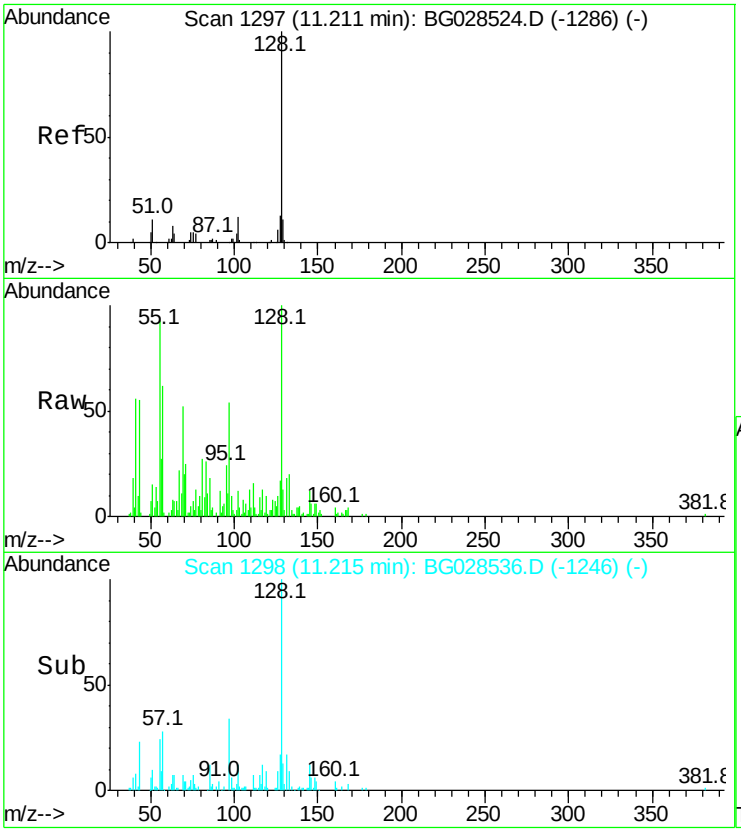


#24
2,4-Dimethylphenol
Concen: 6.161 ng/ul
RT: 10.36 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:107 Resp: 31996

Ion	Ratio	Lower	Upper
107	100		
121	22.7	32.3	48.5#
122	14.8	61.2	91.8#



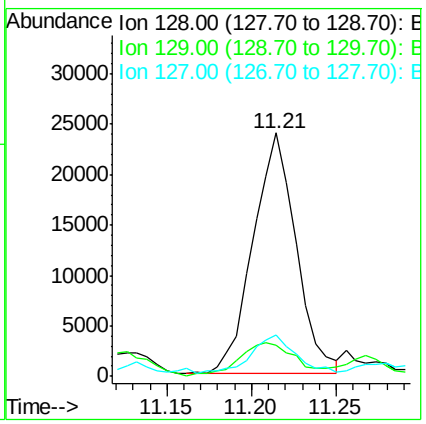


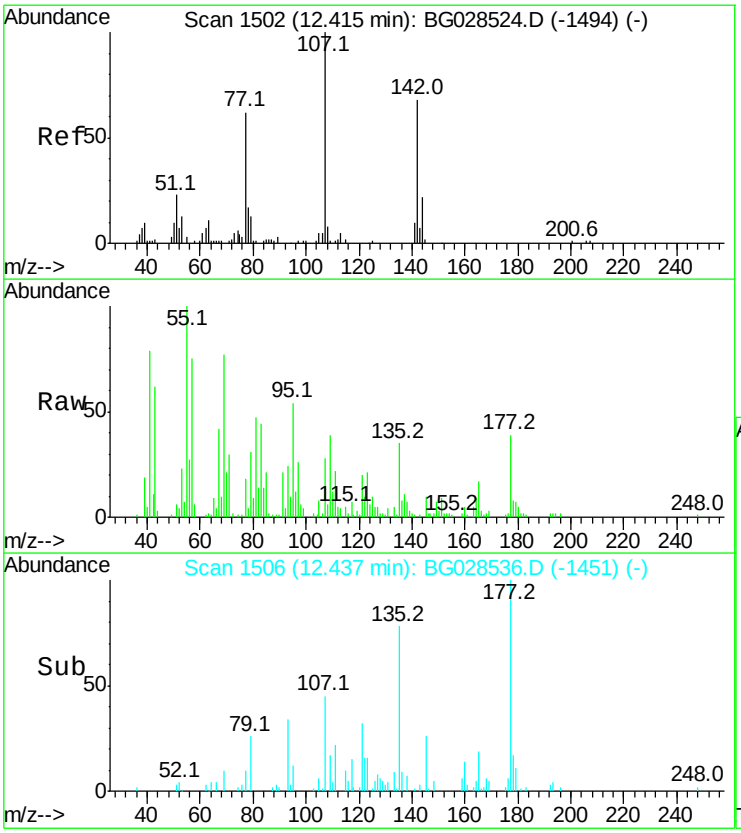
#28
Naphthalene
Concen: 3.524 ng/ul
RT: 11.21 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:128 Resp: 42129

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.4	14.2
127	16.9	10.3	15.5#

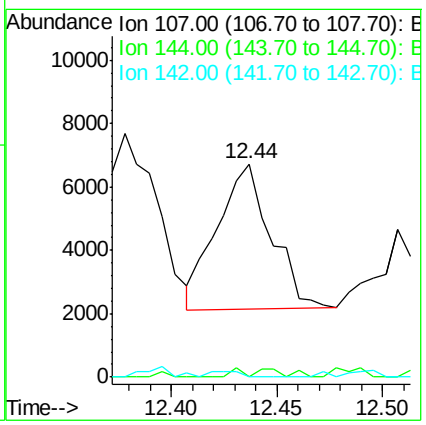


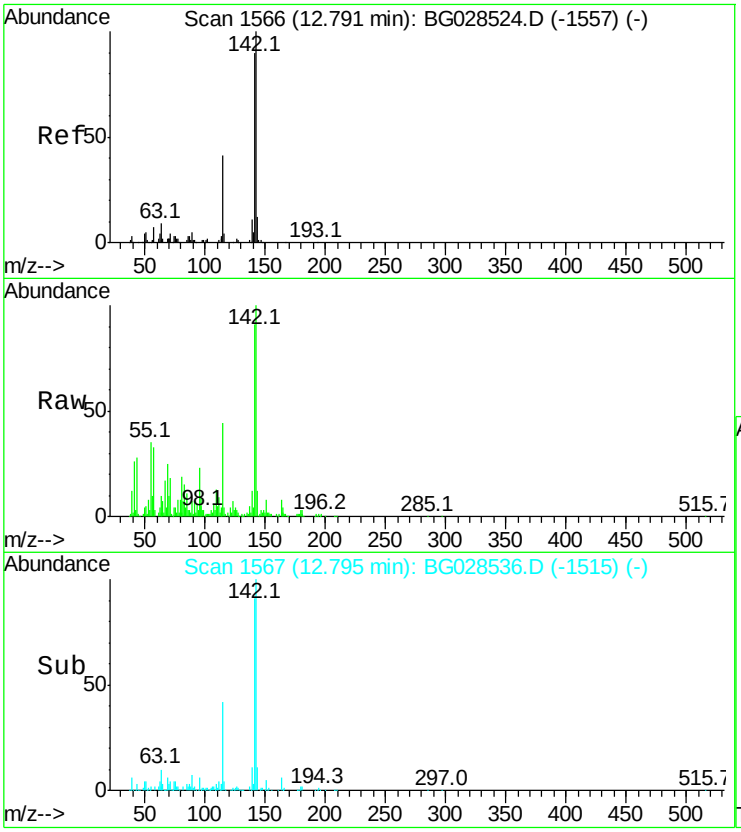


#33
4-Chloro-3-methylphenol
Concen: 1.618 ng/ul
RT: 12.44 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:107 Resp: 8051

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	55.0	82.4#



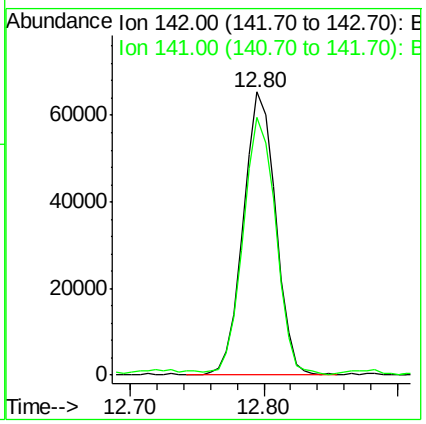


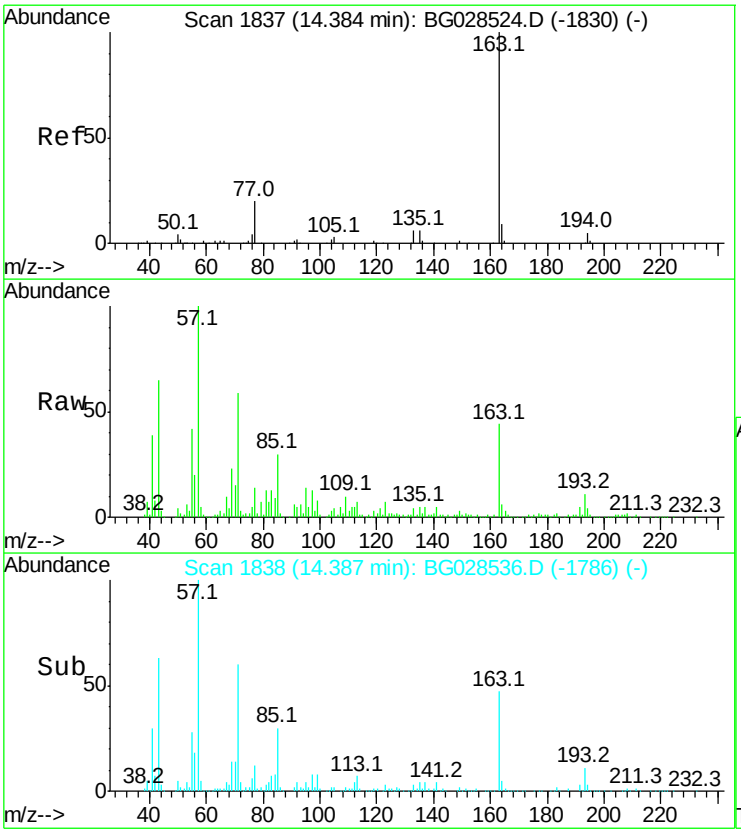
#34
2-Methylnaphthalene
Concen: 11.283 ng/ul
RT: 12.80 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:142 Resp: 108356

Ion	Ratio	Lower	Upper
142	100		
141	91.0	68.6	102.8

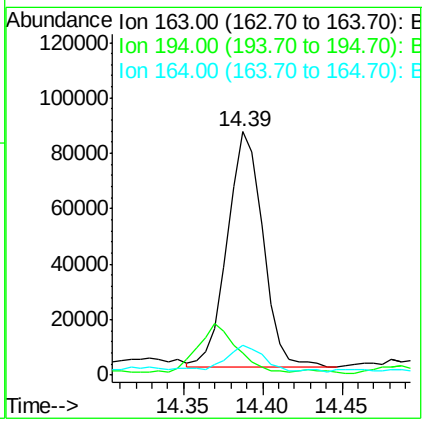


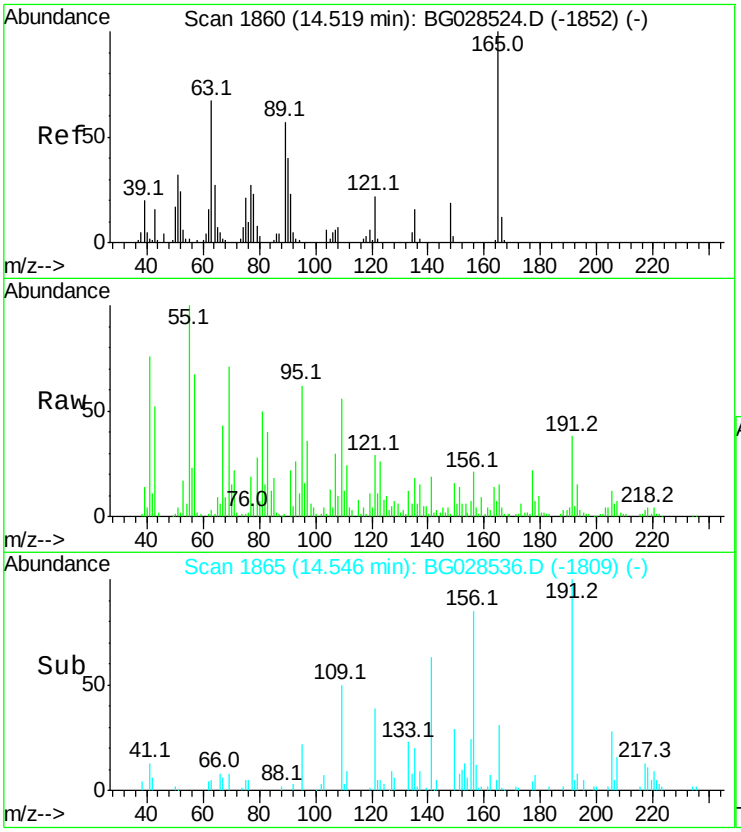


#44
Dimethylphthalate
Concen: 10.547 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:163 Resp: 132214

Ion	Ratio	Lower	Upper
163	100		
194	9.1	3.4	5.0#
164	12.4	9.0	13.4



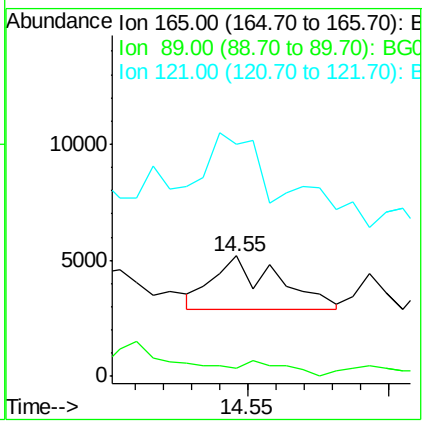


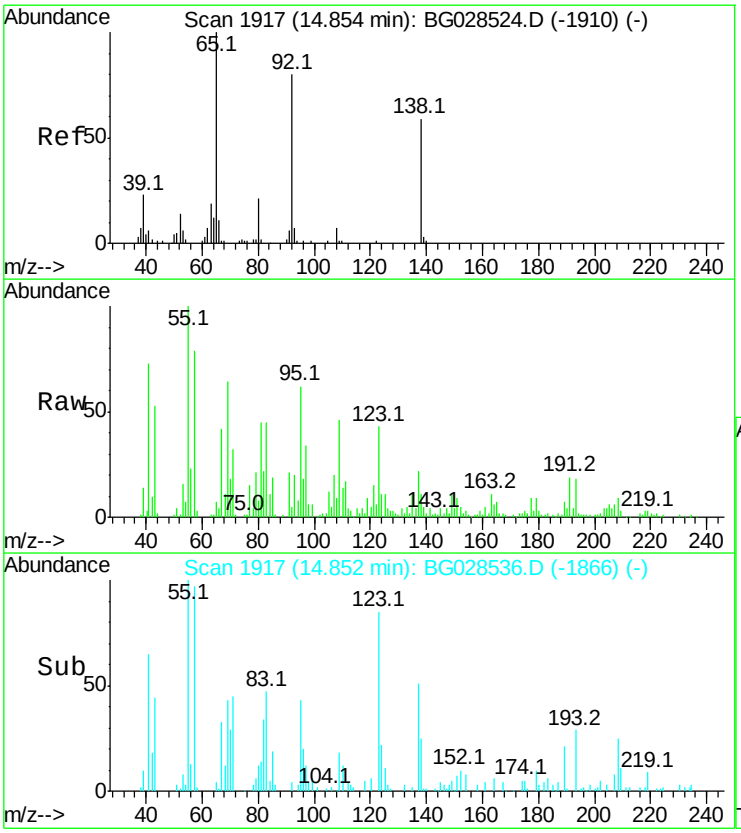
#45
2,6-Dinitrotoluene
Concen: 1.431 ng/ul
RT: 14.55 min Scan# 1865
Delta R.T. 0.03 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:165 Resp: 3705

Ion	Ratio	Lower	Upper
165	100		
89	6.2	52.9	79.3#
121	192.5	22.2	33.4#

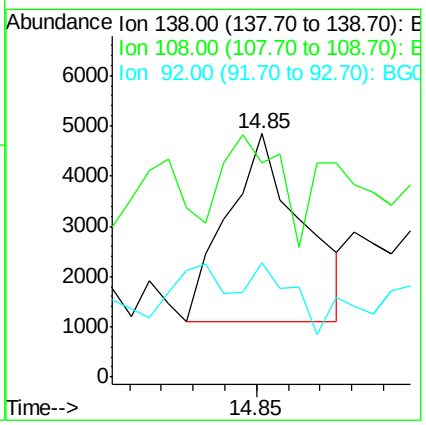


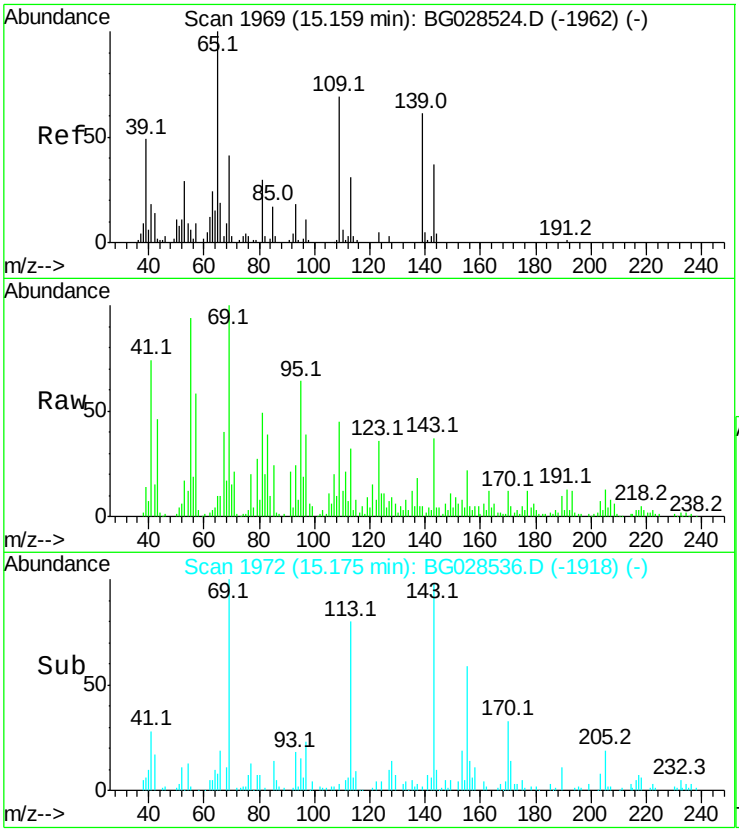


#48
3-Nitroaniline
Concen: 2.625 ng/ul
RT: 14.85 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:138 Resp: 6117

Ion	Ratio	Lower	Upper
138	100		
108	88.0	6.3	9.5#
92	46.9	106.4	159.6#



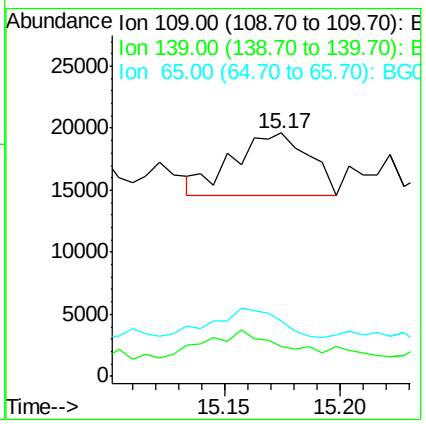


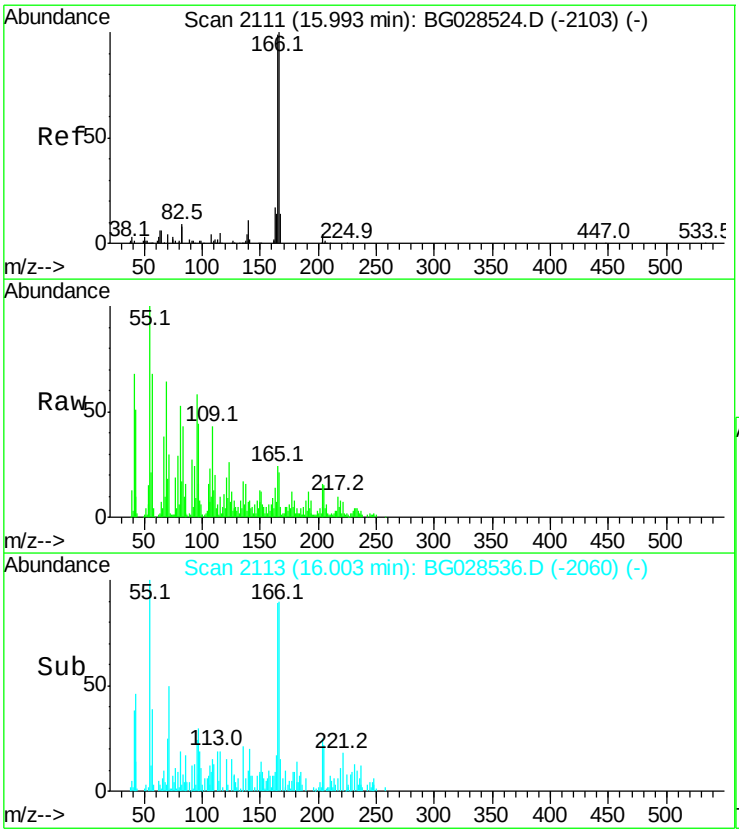
#52
4-Nitrophenol
Concen: 5.127 ng/ul
RT: 15.17 min Scan# 1972
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:109 Resp: 11500

Ion	Ratio	Lower	Upper
109	100		
139	12.0	62.6	93.8#
65	22.5	90.4	135.6#

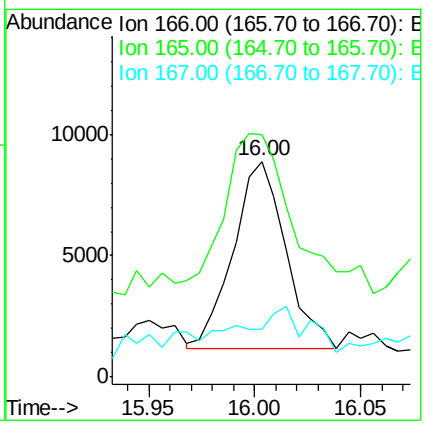


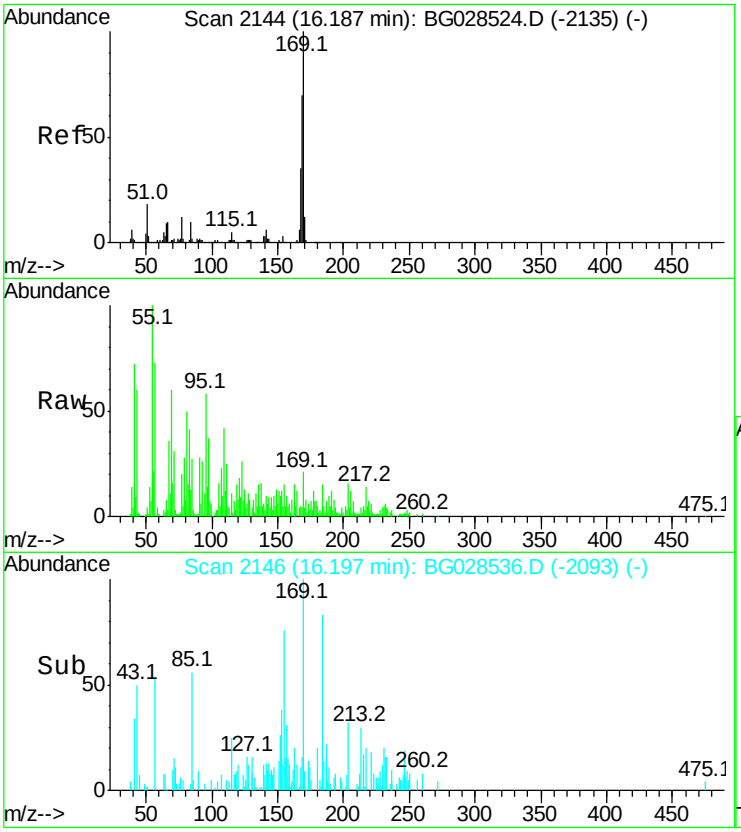


#58
Fluorene
Concen: 1.043 ng/ul
RT: 16.00 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:166 Resp: 13329

Ion	Ratio	Lower	Upper
166	100		
165	112.6	79.7	119.5
167	22.2	11.4	17.2#



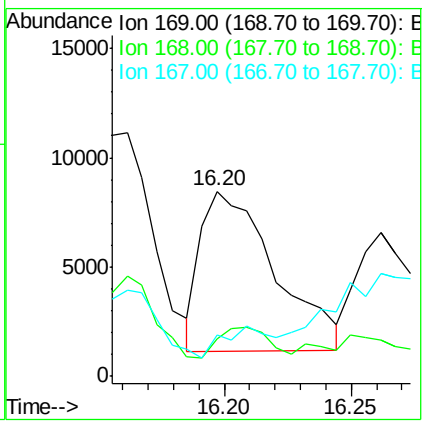


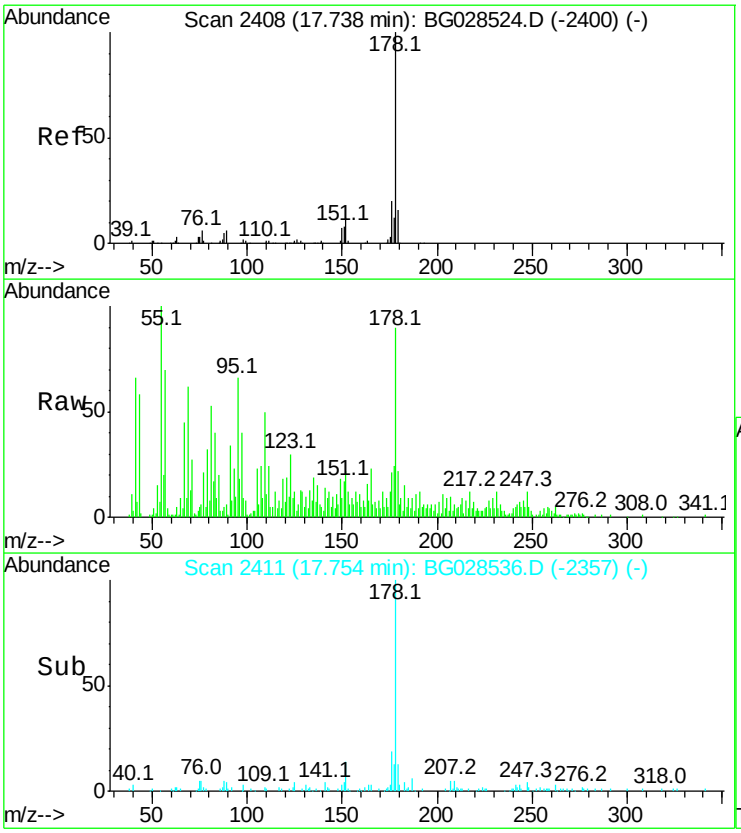
#64
N-Nitrosodiphenylamine
Concen: 1.630 ng/ul
RT: 16.20 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:169 Resp: 14954

Ion	Ratio	Lower	Upper
169	100		
168	20.5	59.1	88.7#
167	22.1	29.7	44.5#

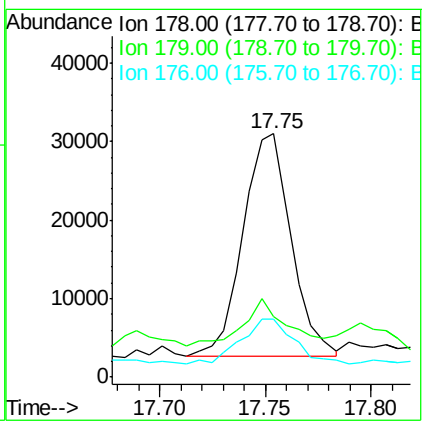


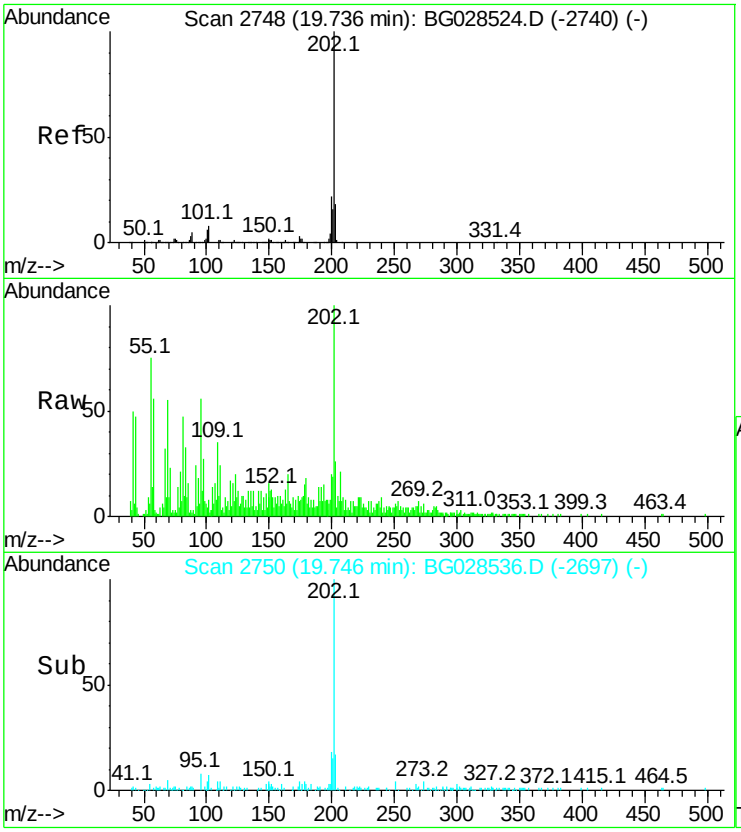


#69
Phenanthrene
Concen: 2.541 ng/ul
RT: 17.75 min Scan# 2411
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:178 Resp: 44594

Ion	Ratio	Lower	Upper
178	100		
179	24.8	12.4	18.6#
176	23.9	16.5	24.7



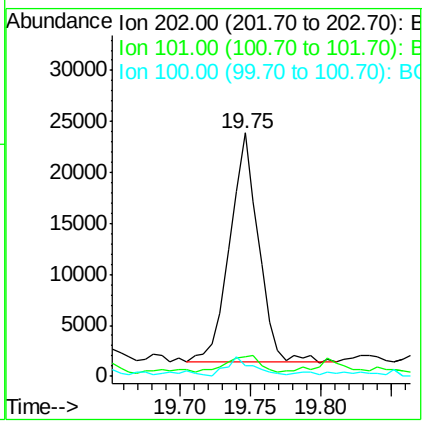


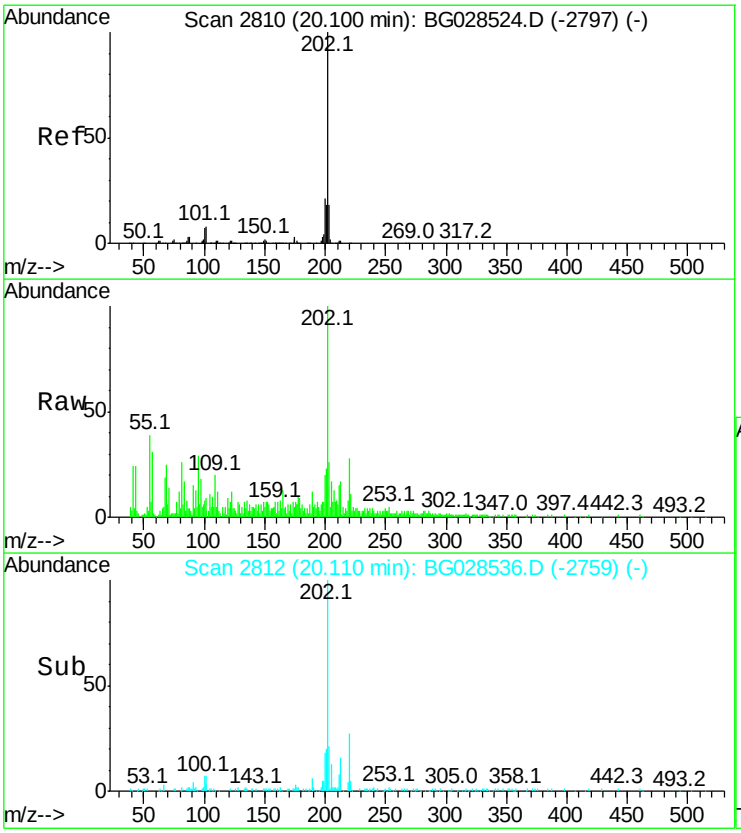
#74
Fluoranthene
Concen: 1.505 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. 0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:202 Resp: 32084

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	4.5	5.2	7.8#

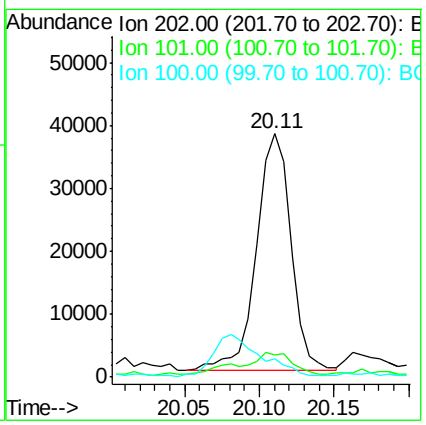


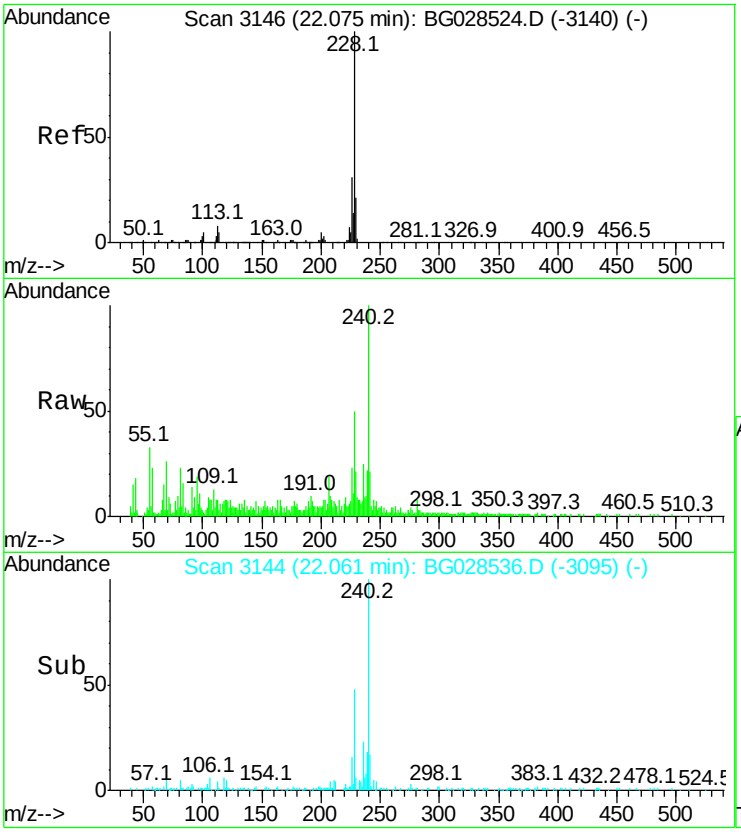


#77
Pyrene
Concen: 2.419 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:202 Resp: 59571

Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.9	10.3#
100	7.5	6.6	10.0



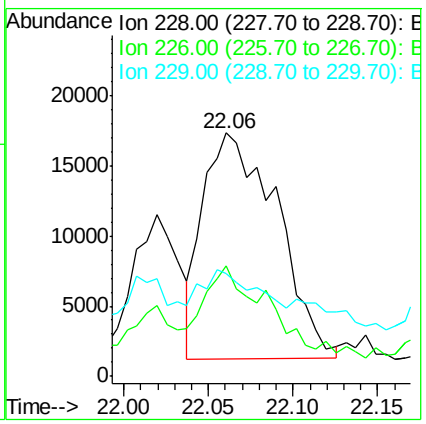


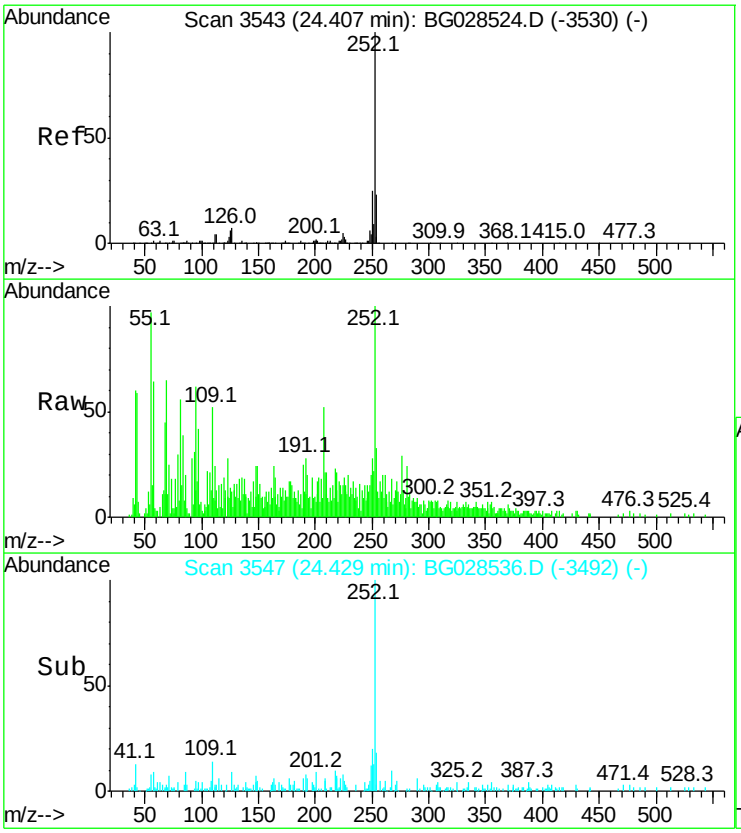
#82
Chrysene
Concen: 2.280 ng/ul
RT: 22.06 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:228 Resp: 48971

Ion	Ratio	Lower	Upper
228	100		
226	45.6	24.0	36.0#
229	42.5	16.9	25.3#

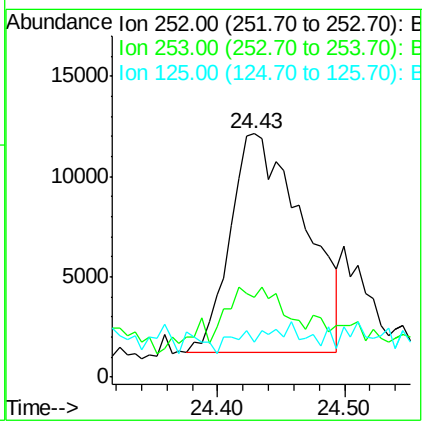


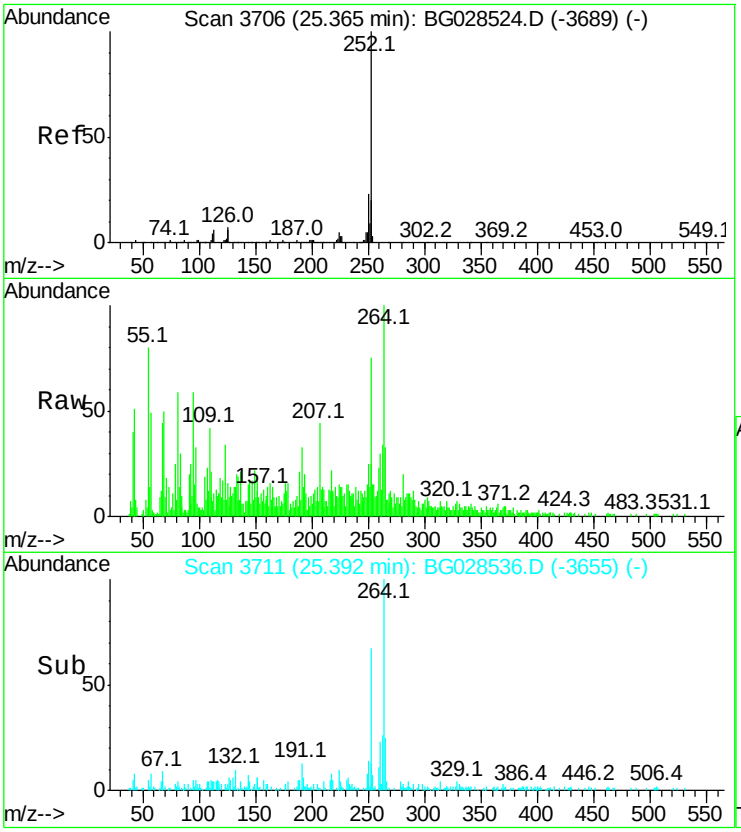


#85
Benzo(b)fluoranthene
Concen: 1.833 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. 0.02 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Tgt Ion:252 Resp: 43694

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.7	26.5#
125	14.1	4.0	6.0#





#88
Benzo(a)pyrene
Concen: 1.531 ng/ul
RT: 25.39 min Scan# 3711
Delta R.T. 0.03 min
Lab File: BG028536.D
Acq: 29 Aug 2017 2:28

Instrument :
BNA_G
ClientSampleId :
B0B16

Tgt Ion:252 Resp: 35355

Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.8	26.6#
125	21.4	5.4	8.0#