Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020282.D
Acq On : 18 Dec 2015 19:34
Operator : UM/SJ
Sample : G4768-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N27MSD

Quant Time: Dec 19 00:49:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16682	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	71869	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	50223	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	130915	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	167434	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	155628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	341	1.13	ng/uL	0.00
5) Phenol-d5	7.24	99	8522	5.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	23173	26.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	24783	23.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	17491	13.90	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	16023	28.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18550	29.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	32481	25.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	3324	2.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	133410	32.84	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	146878	31.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	4846	6.65	ng/ul	0.00
58) Fluorene-d10	15.71	176	119446	32.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	21990	28.33	ng/ul	0.00
71) Anthracene-d10	17.57	188	199762	33.12	ng/ul	0.00
79) Pyrene-d10	19.85	212	242031	31.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	222172	28.62	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.27	94	11199	7.11	ng/ul	97
10) 2-Chlorophenol	7.65	128	25766	23.00	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.89	70	26432	25.35	ng/ul	96
28) Naphthalene	10.97	128	1151375	306.78	ng/ul	96
30) 4-Chloroaniline	10.97	127	166343	114.88	ng/ul#	13
33) 4-Chloro-3-methylphenol	12.18	107	36422	23.63	ng/ul	93
34) 2-Methylnaphthalene	12.56	142	133778	46.66	ng/ul	97
35) 1-Methylnaphthalene	12.78	142	46026	16.70	ng/ul#	99
41) 1,1'-Biphenyl	13.56	154	20584	5.43	ng/ul	92
45) Dimethylphthalate	14.17	163	14017	3.38	ng/ul	97
48) Acenaphthylene	14.45	152	6602	1.31	ng/ul#	91
50) Acenaphthene	14.79	153	173676	51.41	ng/ul	99
53) 4-Nitrophenol	14.93	109	4535	6.47	ng/ul	90
54) Dibenzofuran	15.12	168	67377	13.41	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	38883	30.87	ng/ul#	97
57) Diethylphthalate	15.53	149	5531	1.28	ng/ul	96
59) Fluorene	15.77	166	56895	14.10	ng/ul	98
69) Pentachlorophenol	17.12	266	29491	29.64	ng/ul	95
70) Phenanthrene	17.51	178	159463	22.27	ng/ul	99
72) Anthracene	17.60	178	8271	1.14	ng/ul	98
75) Carbazole	17.87	167	6557	1.07	ng/ul	98
76) Di-n-butylphthalate	18.42	149	8814	1.24	ng/ul#	96
77) Fluoranthene	19.51	202	36388	4.35	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020282.D
Acq On : 18 Dec 2015 19:34
Operator : UM/SJ
Sample : G4768-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N27MSD

Quant Time: Dec 19 00:49:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Pyrene	19.88	202	321073	31.68	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	8990	1.79	ng/ul	97

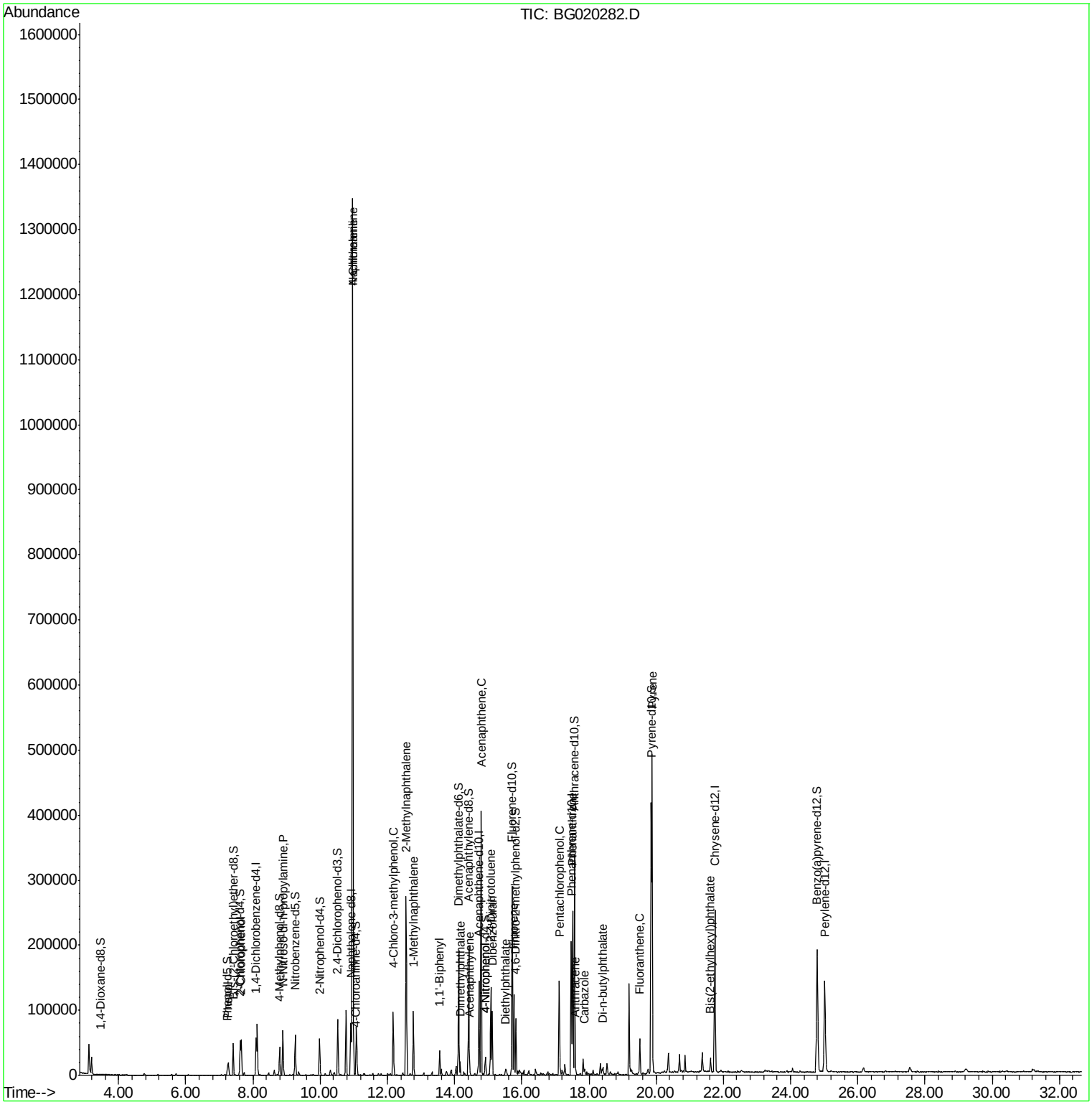
(#) = qualifier out of range (m) = manual integration (+) = signals summed

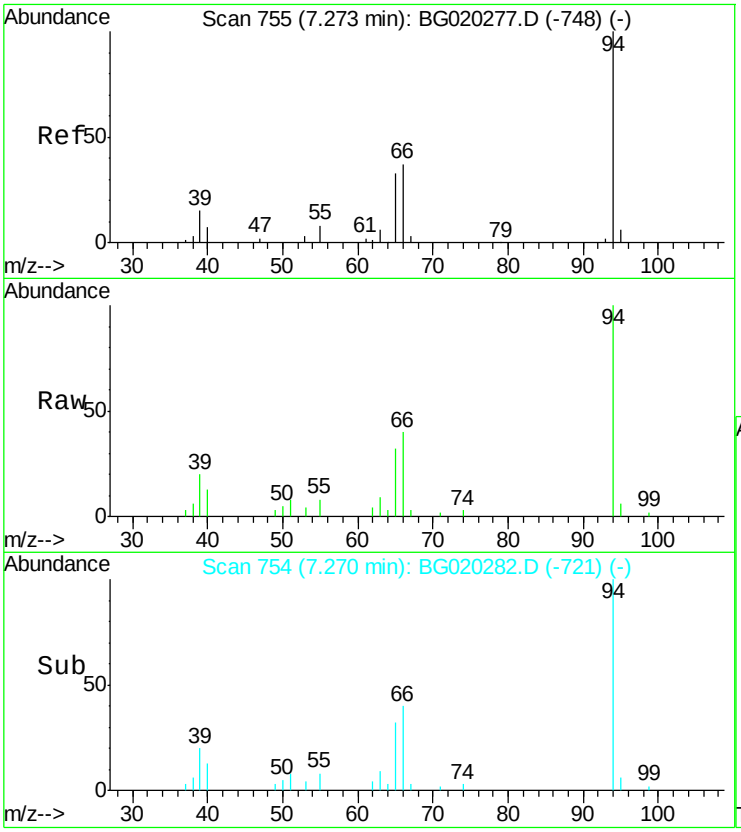
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020282.D
Acq On : 18 Dec 2015 19:34
Operator : UM/SJ
Sample : G4768-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Quant Time: Dec 19 00:49:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 19 00:45:12 2015
Response via : Initial Calibration



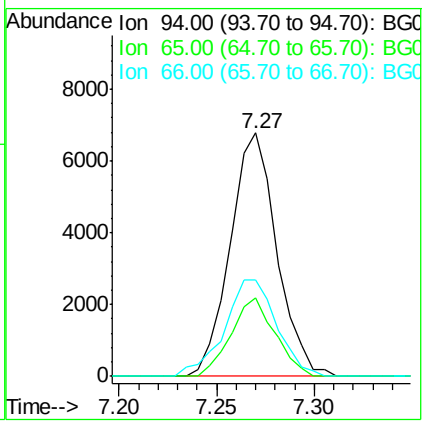


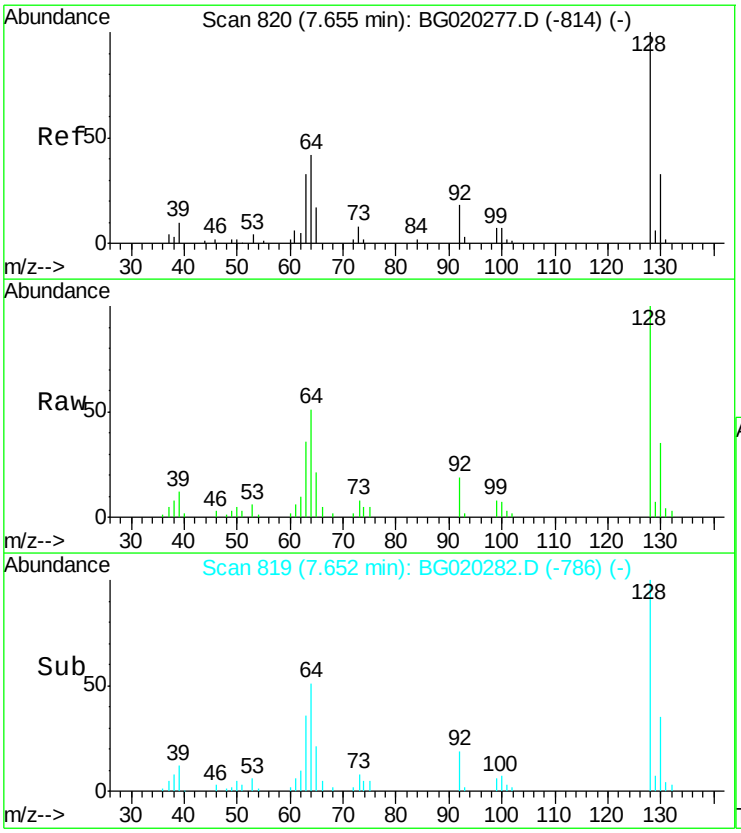
#6
Phenol
Concen: 7.11 ng/ul
RT: 7.27 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion: 94 Resp: 11199

Ion	Ratio	Lower	Upper
94	100		
65	32.0	26.3	39.5
66	39.5	33.3	49.9

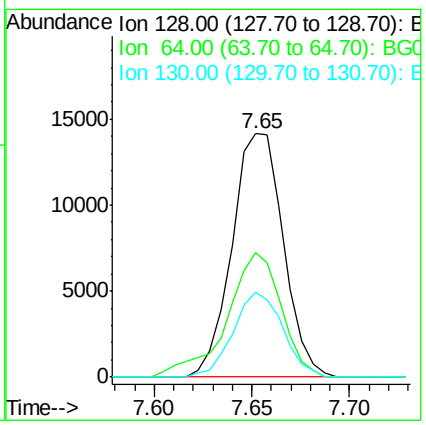


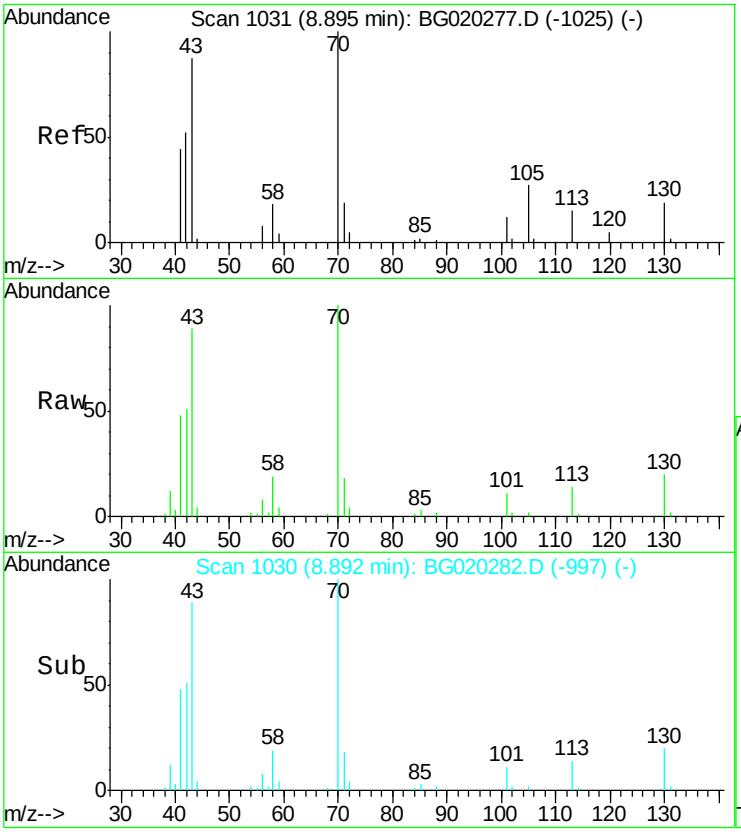


#10
2-Chlorophenol
Concen: 23.00 ng/ul
RT: 7.65 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:128 Resp: 25766

Ion	Ratio	Lower	Upper
128	100		
64	51.3	39.4	59.0
130	35.0	24.6	36.8



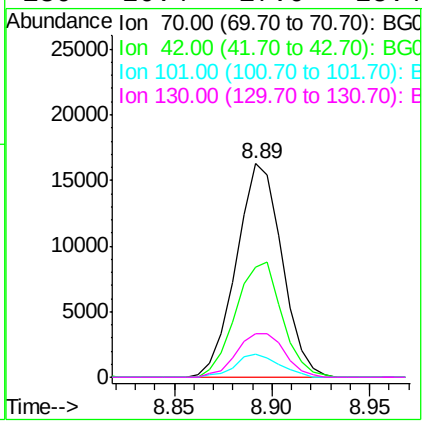


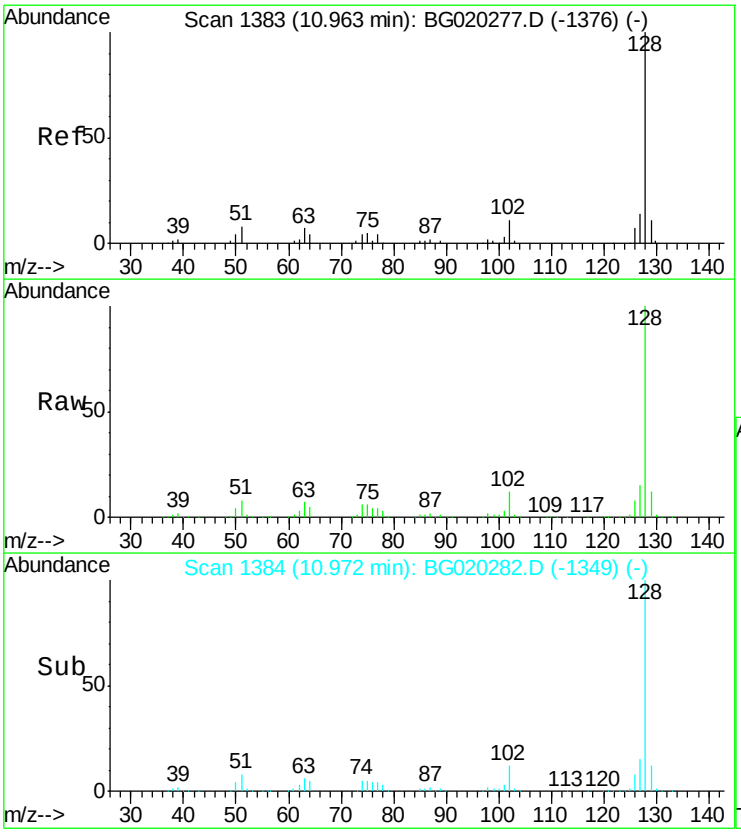
#15
N-Nitroso-di-n-propylamine
Concen: 25.35 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion: 70 Resp: 26432

Ion	Ratio	Lower	Upper
70	100		
42	51.3	44.3	66.5
101	10.6	7.6	11.4
130	20.4	17.0	25.4

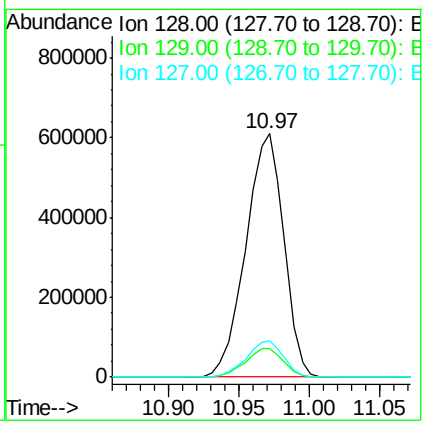


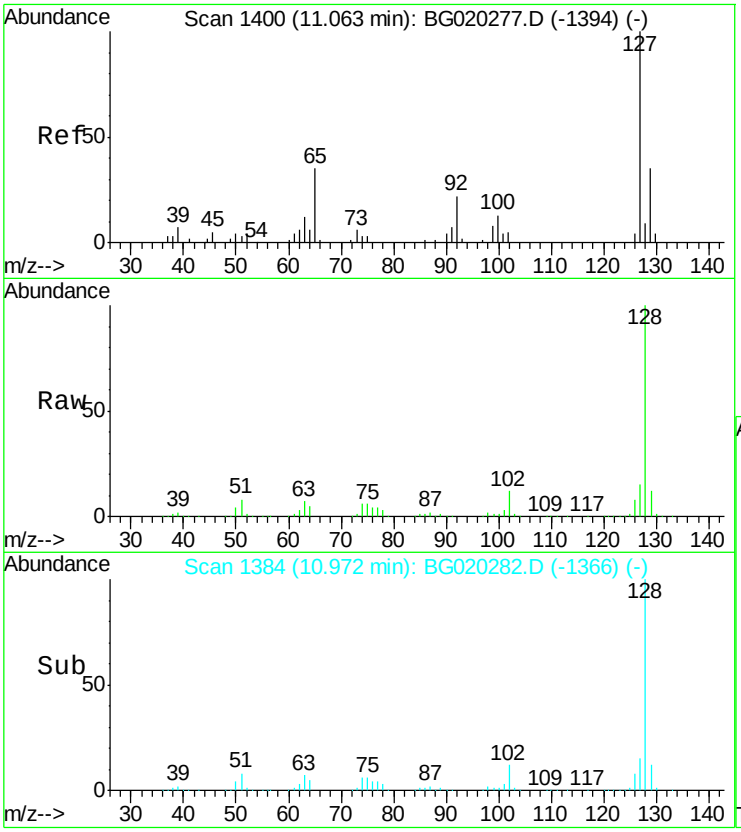


#28
Naphthalene
Concen: 306.78 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:128 Resp: 1151375

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.7	10.1	15.1



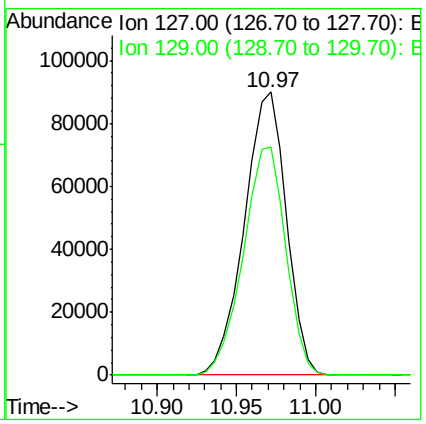


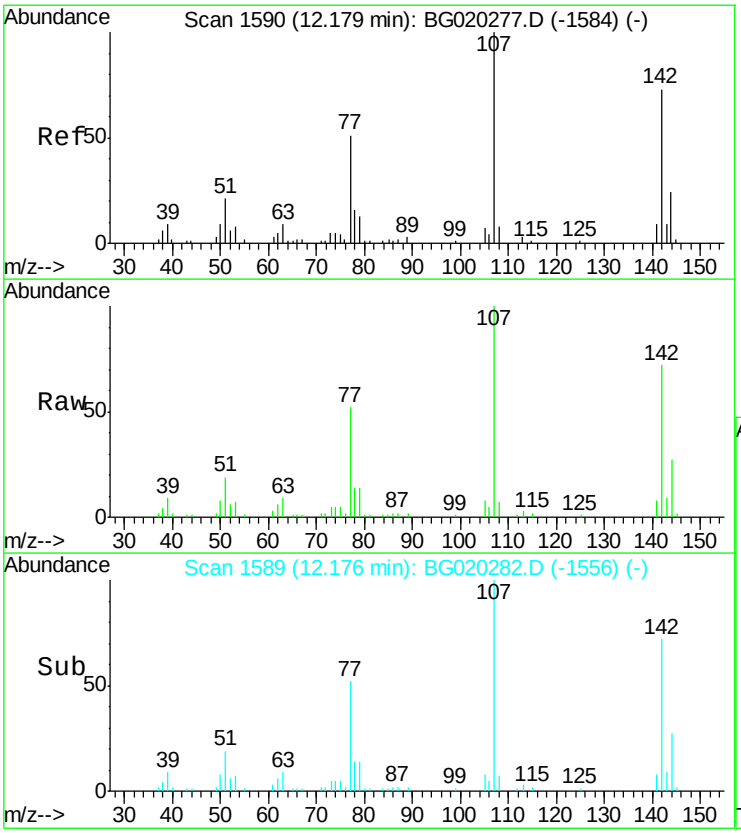
#30
4-Chloroaniline
Concen: 114.88 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.09 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:127 Resp: 166343

Ion	Ratio	Lower	Upper
127	100		
129	80.6	25.7	38.5#

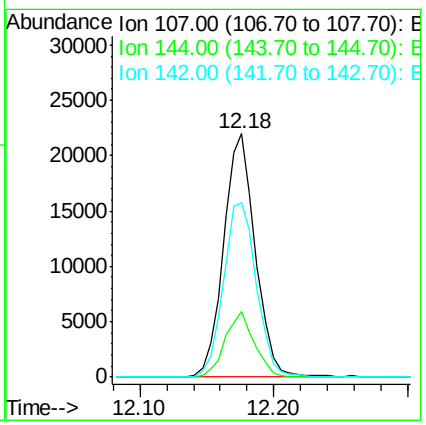


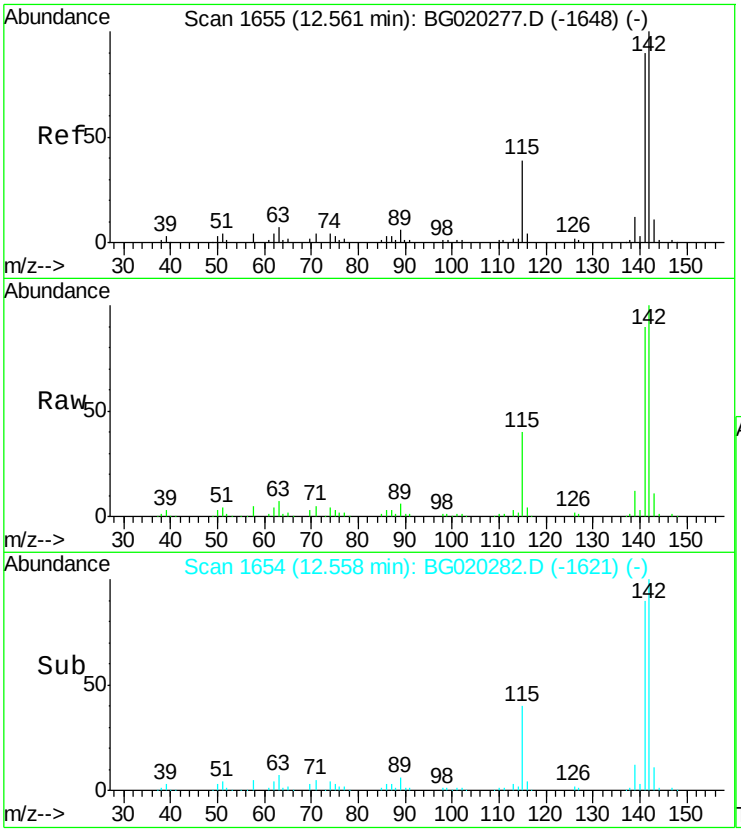


#33
4-Chloro-3-methylphenol
Concen: 23.63 ng/ul
RT: 12.18 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:107 Resp: 36422

Ion	Ratio	Lower	Upper
107	100		
144	27.1	18.7	28.1
142	71.9	52.8	79.2



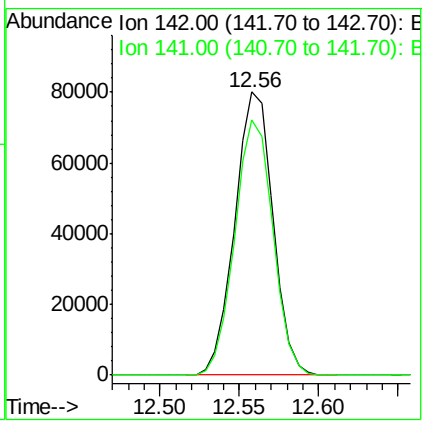


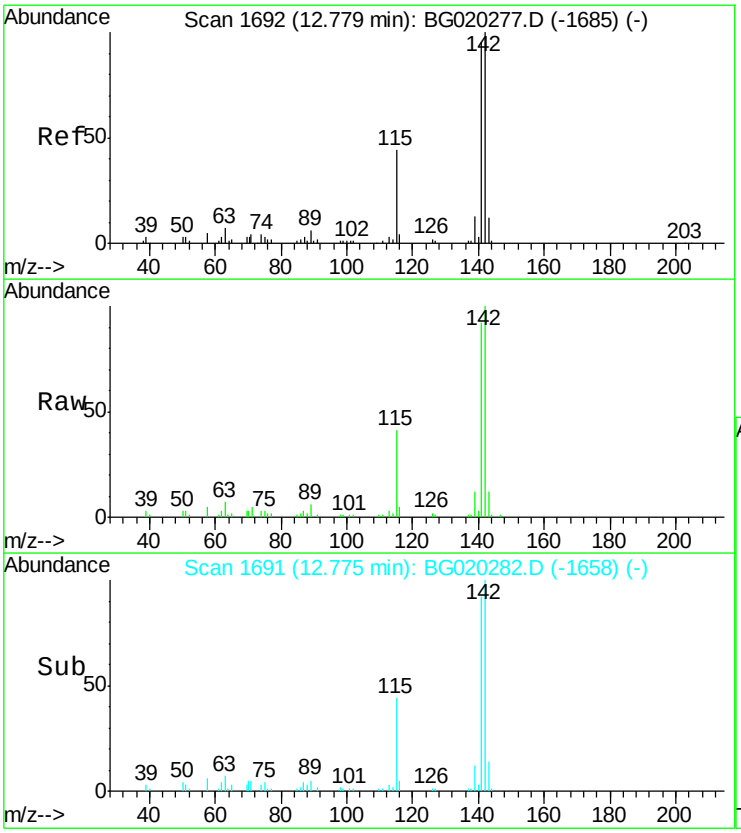
#34
2-Methylnaphthalene
Concen: 46.66 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:142 Resp: 133778

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.9	112.3

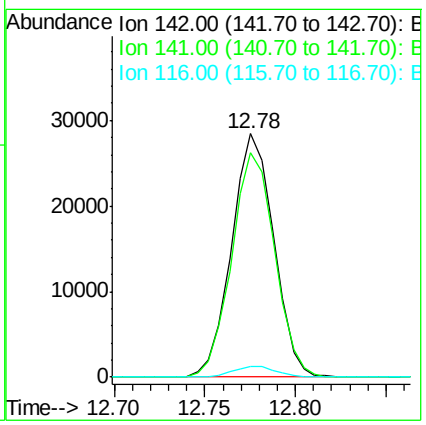


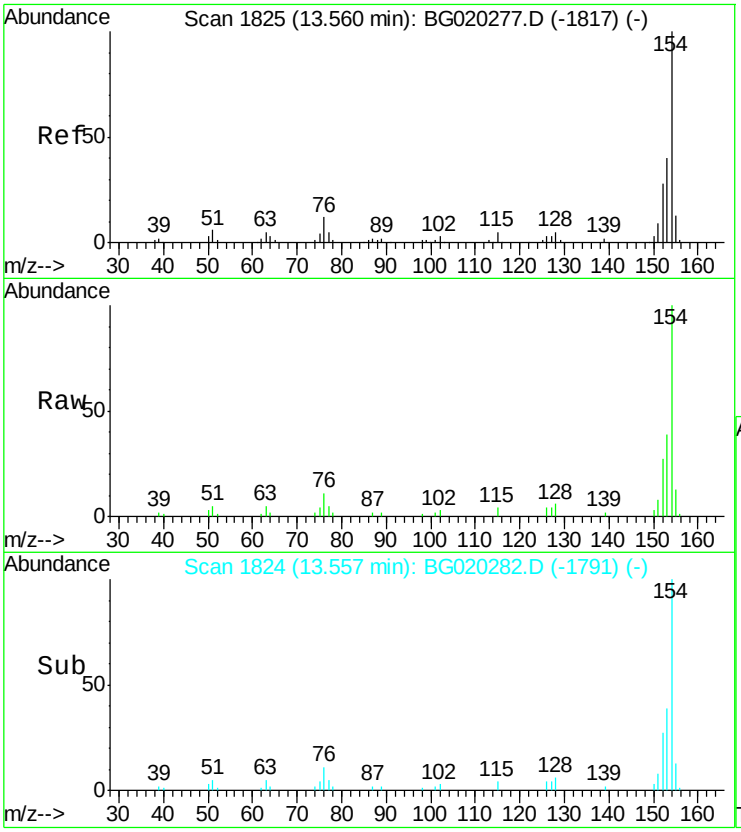


#35
1-Methylnaphthalene
Concen: 16.70 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:142 Resp: 46026

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.6
116	4.6	3.0	4.6#



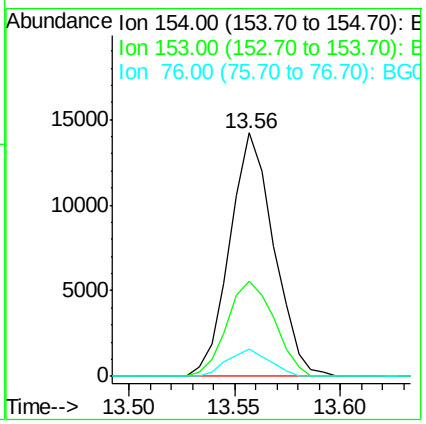


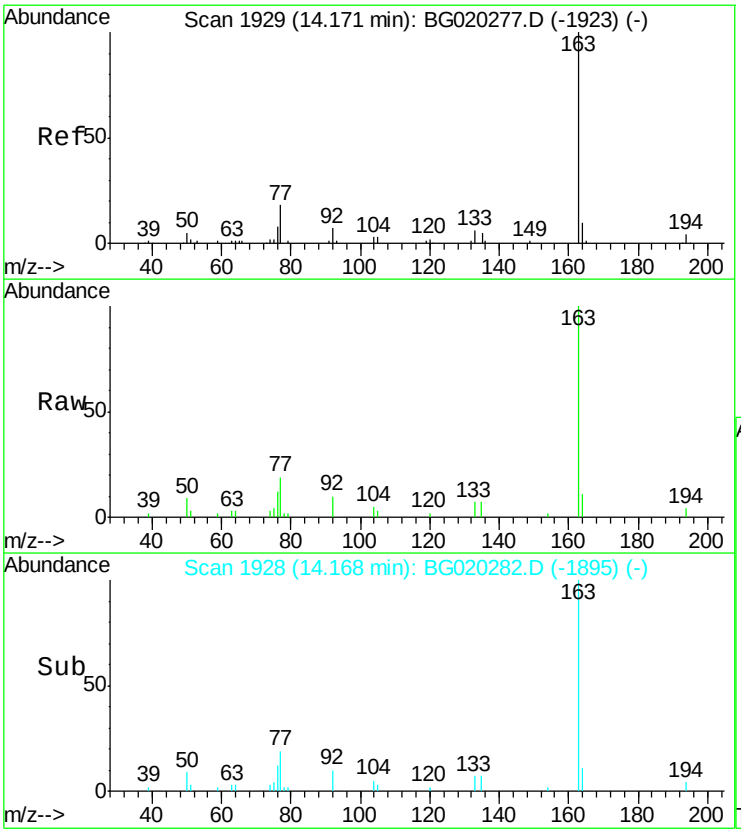
#41
1,1'-Biphenyl
Concen: 5.43 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:154 Resp: 20584

Ion	Ratio	Lower	Upper
154	100		
153	39.0	35.5	53.3
76	11.0	10.4	15.6

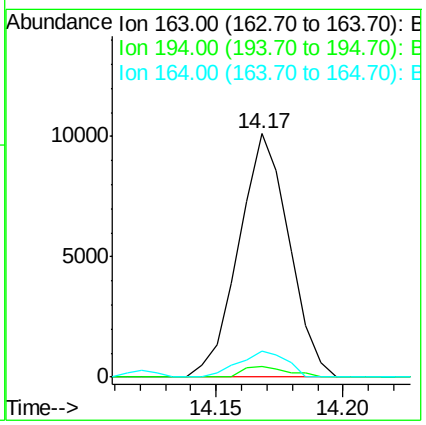


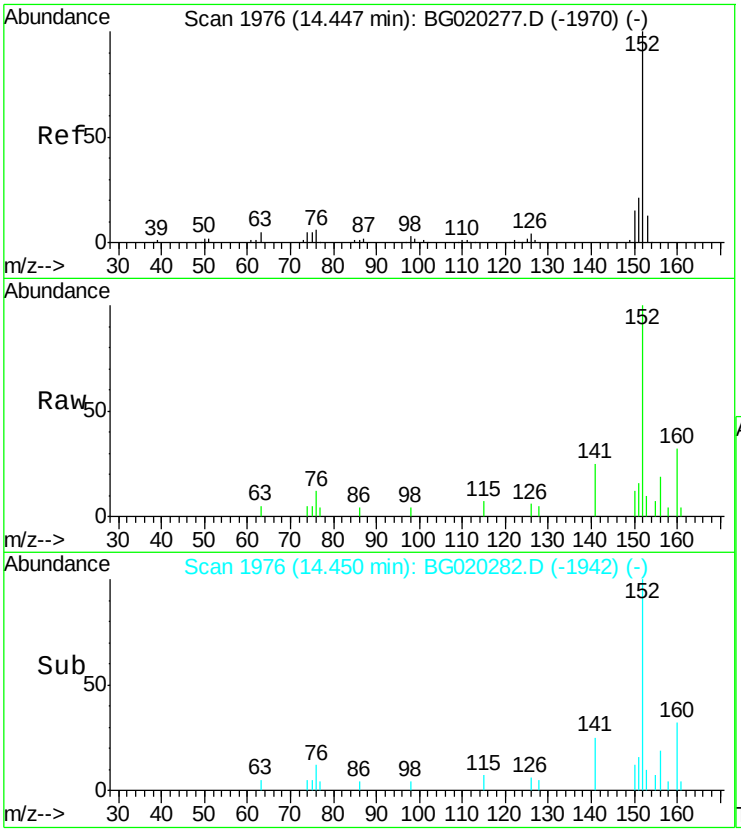


#45
Dimethylphthalate
Concen: 3.38 ng/ul
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:163 Resp: 14017

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.9	7.7	11.5



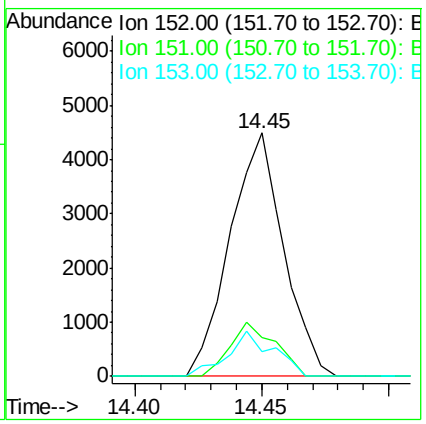


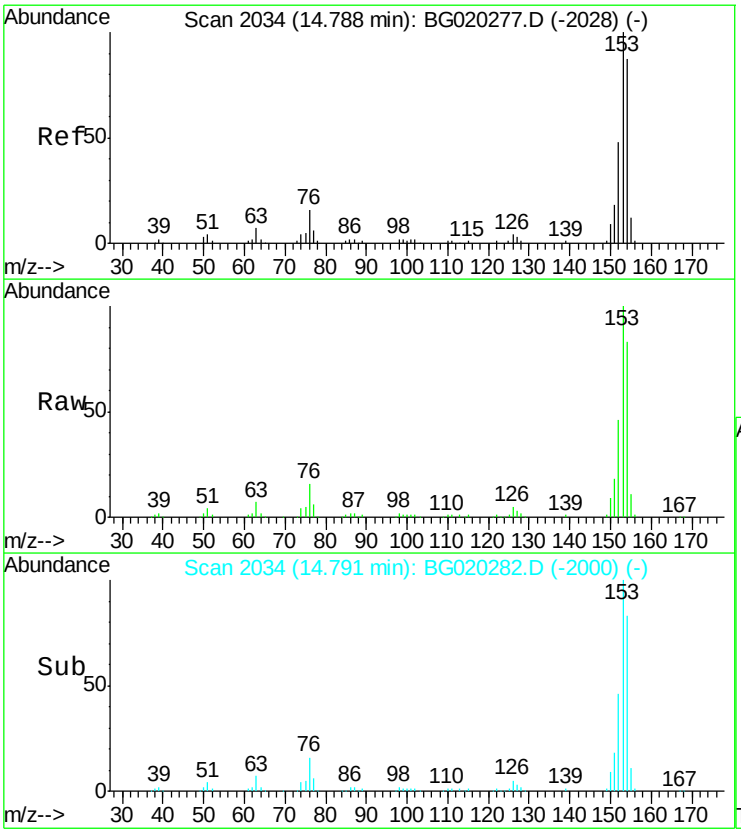
#48
Acenaphthylene
Concen: 1.31 ng/ul
RT: 14.45 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:152 Resp: 6602

Ion	Ratio	Lower	Upper
152	100		
151	15.8	16.4	24.6#
153	10.3	10.4	15.6#

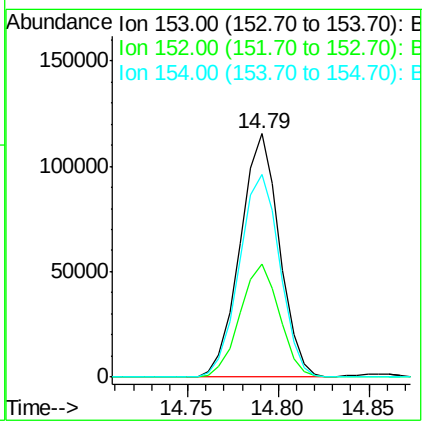


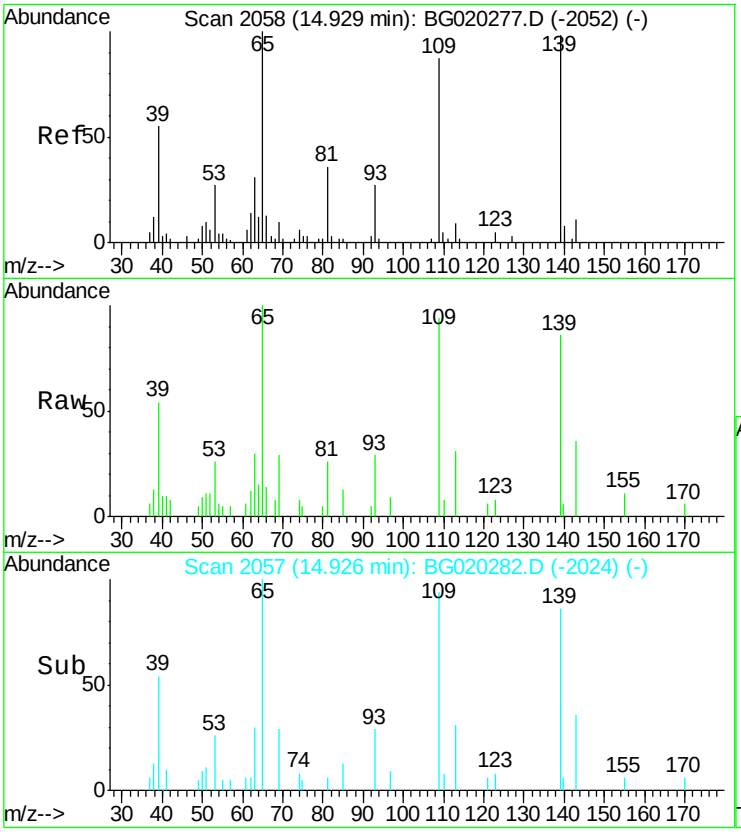


#50
Acenaphthene
Concen: 51.41 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:153 Resp: 173676

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.6	56.4
154	83.4	67.9	101.9



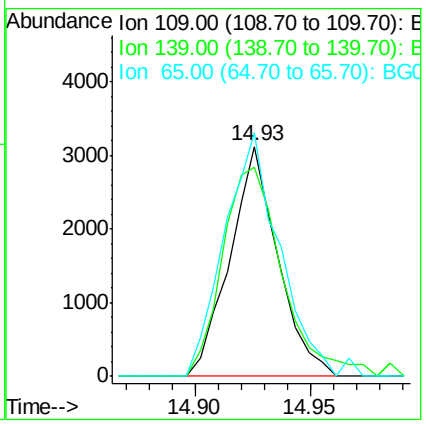


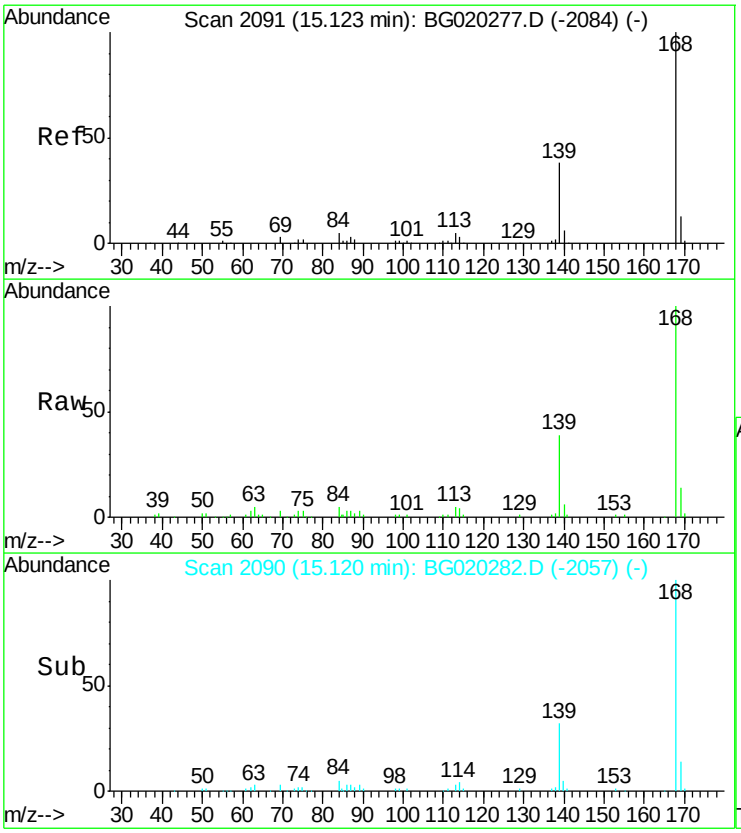
#53
4-Nitrophenol
Concen: 6.47 ng/ul
RT: 14.93 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:109 Resp: 4535

Ion	Ratio	Lower	Upper
109	100		
139	91.0	80.5	120.7
65	105.8	93.4	140.2

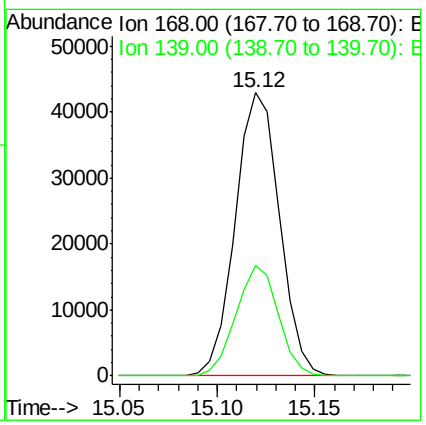


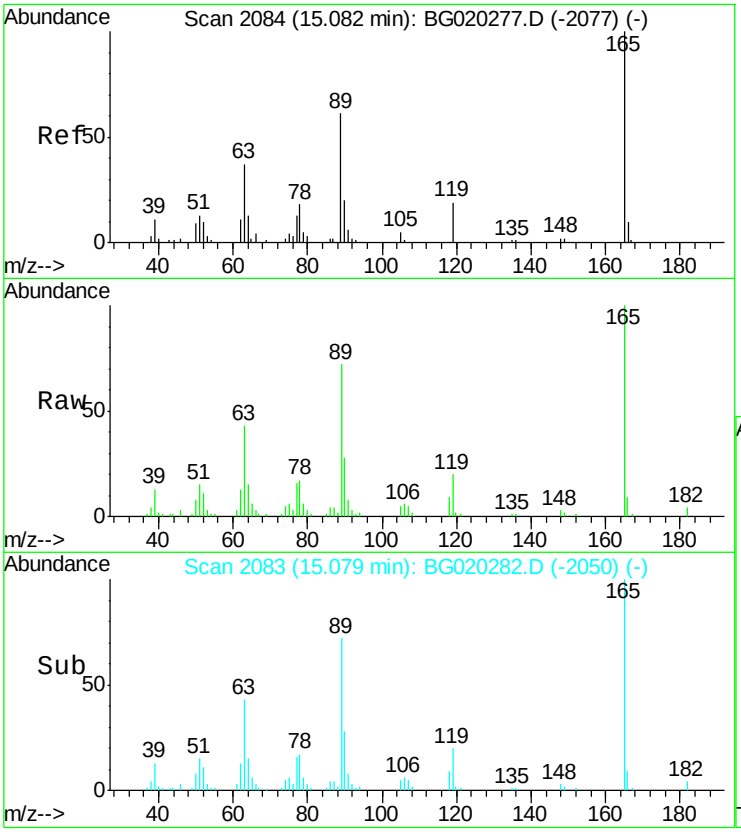


#54
Dibenzofuran
Concen: 13.41 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:168 Resp: 67377

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.5	45.7



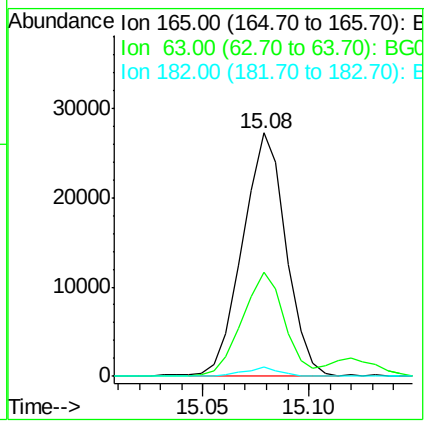


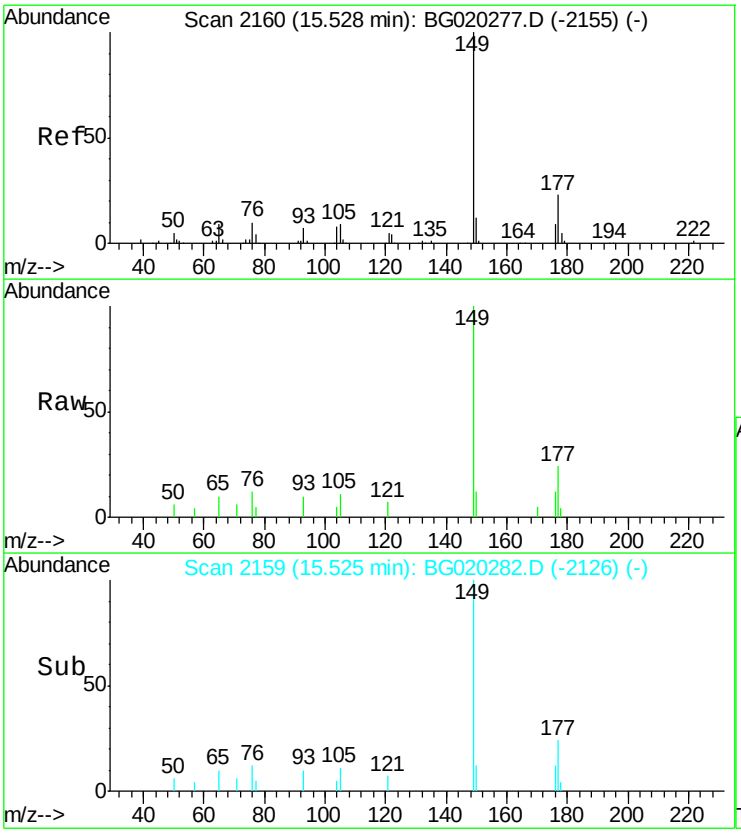
#55
2,4-Dinitrotoluene
Concen: 30.87 ng/ul
RT: 15.08 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:165 Resp: 38883

Ion	Ratio	Lower	Upper
165	100		
63	42.6	35.8	53.8
182	3.6	2.2	3.2#

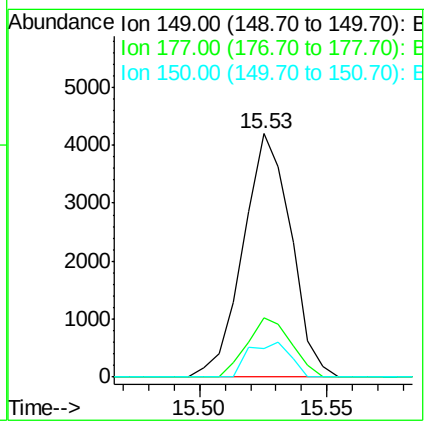


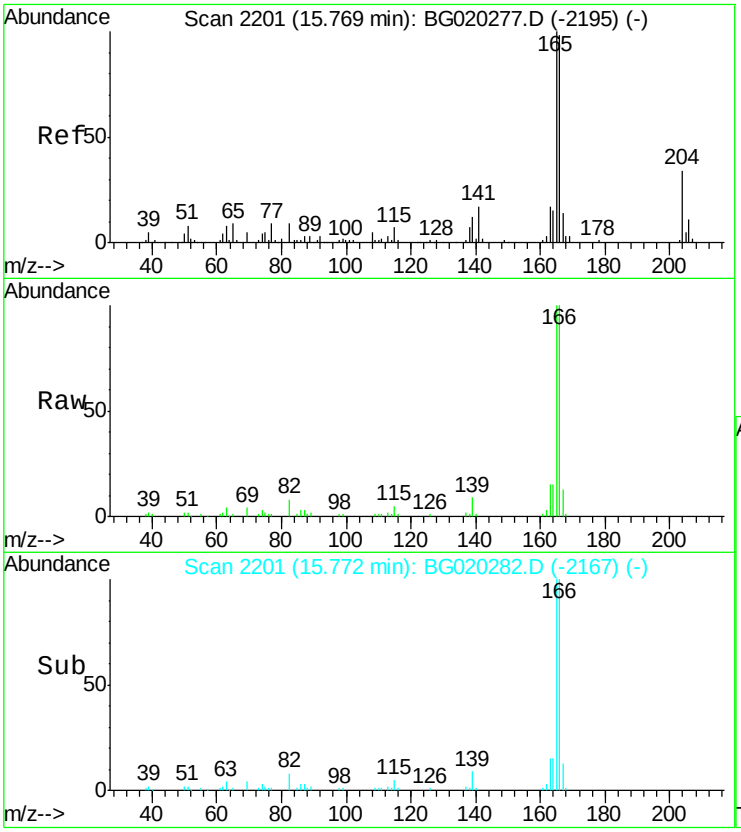


#57
Diethylphthalate
Concen: 1.28 ng/ul
RT: 15.53 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:149 Resp: 5531

Ion	Ratio	Lower	Upper
149	100		
177	24.2	17.9	26.9
150	11.5	10.2	15.4



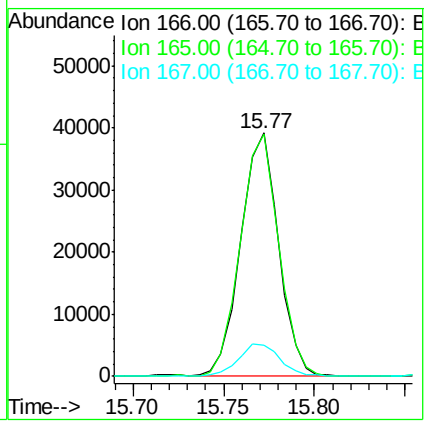


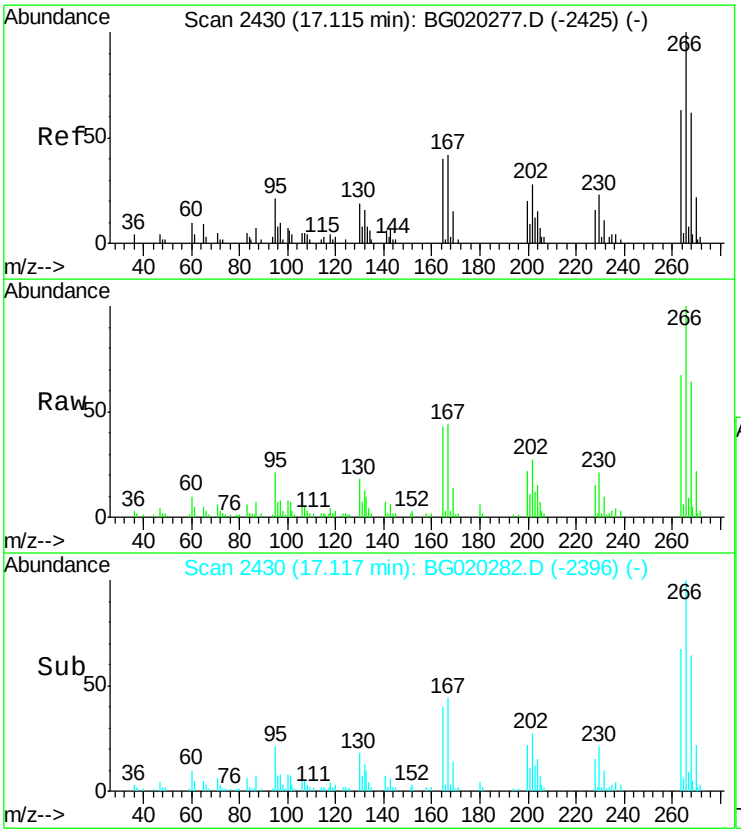
#59
Fluorene
Concen: 14.10 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:166 Resp: 56895

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.4	122.0
167	12.8	11.2	16.8

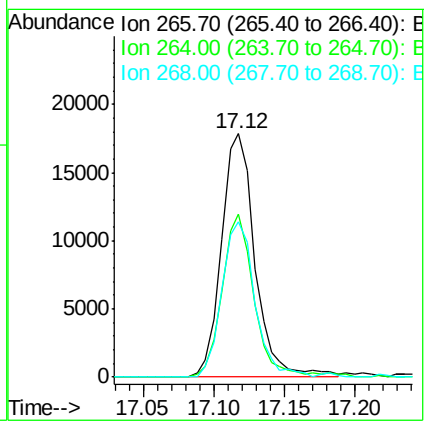


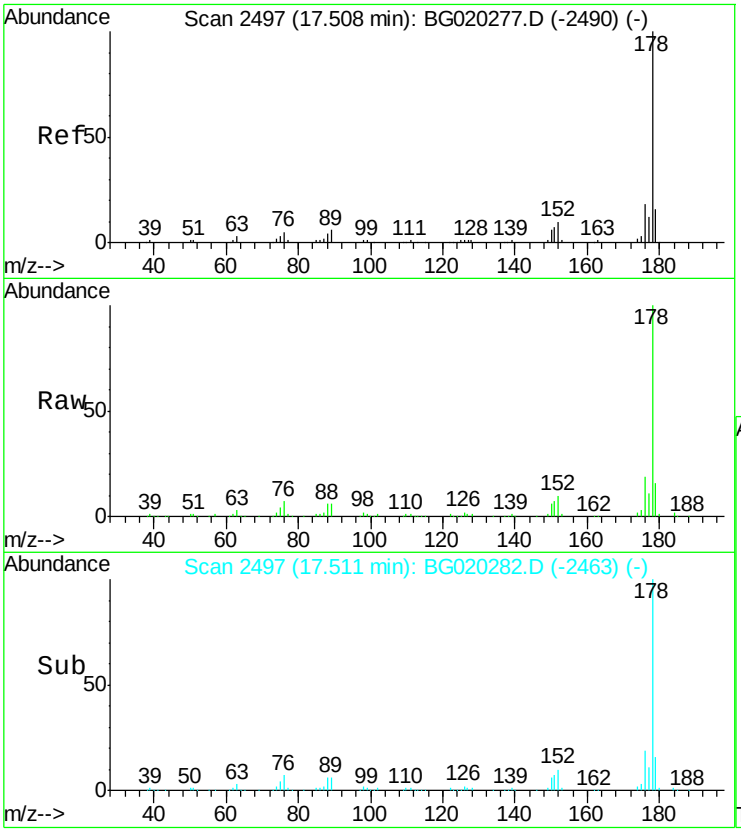


#69
Pentachlorophenol
Concen: 29.64 ng/ul
RT: 17.12 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:266 Resp: 29491

Ion	Ratio	Lower	Upper
266	100		
264	66.9	52.2	78.2
268	68.2	49.3	73.9



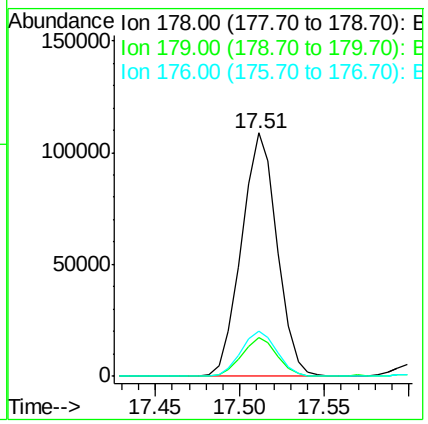


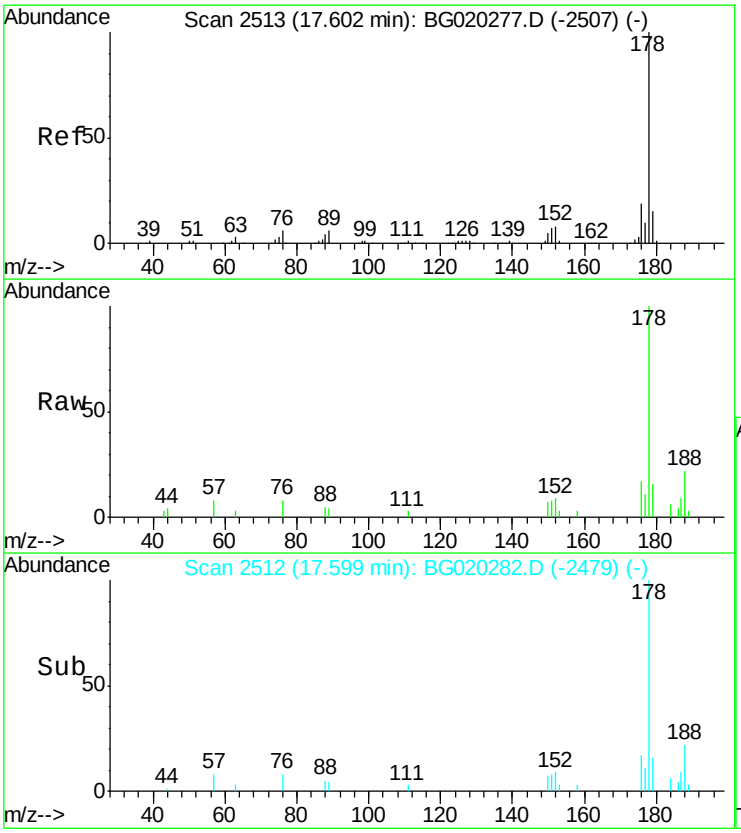
#70
Phenanthrene
Concen: 22.27 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:178 Resp: 159463

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.7	15.3	22.9

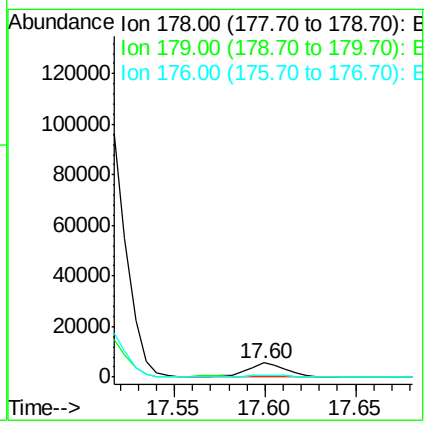


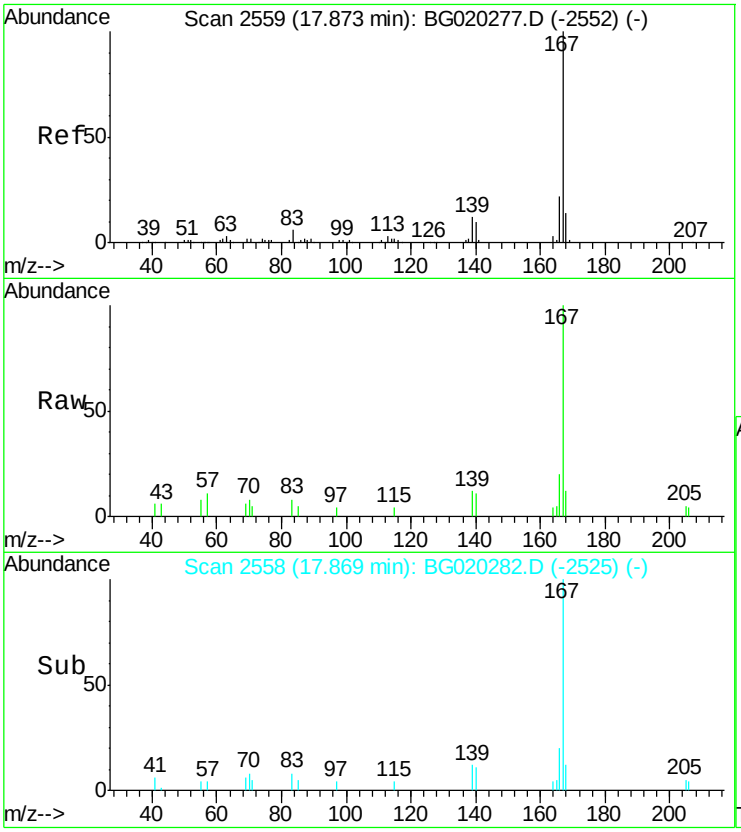


#72
Anthracene
Concen: 1.14 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:178 Resp: 8271

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	16.7	14.3	21.5



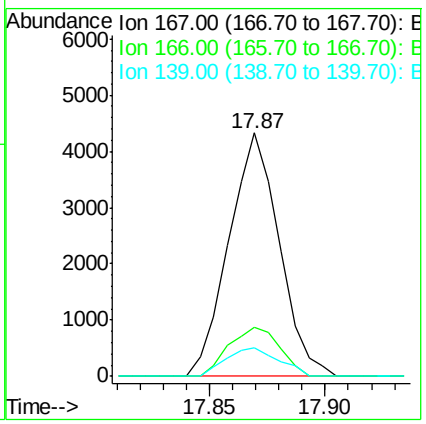


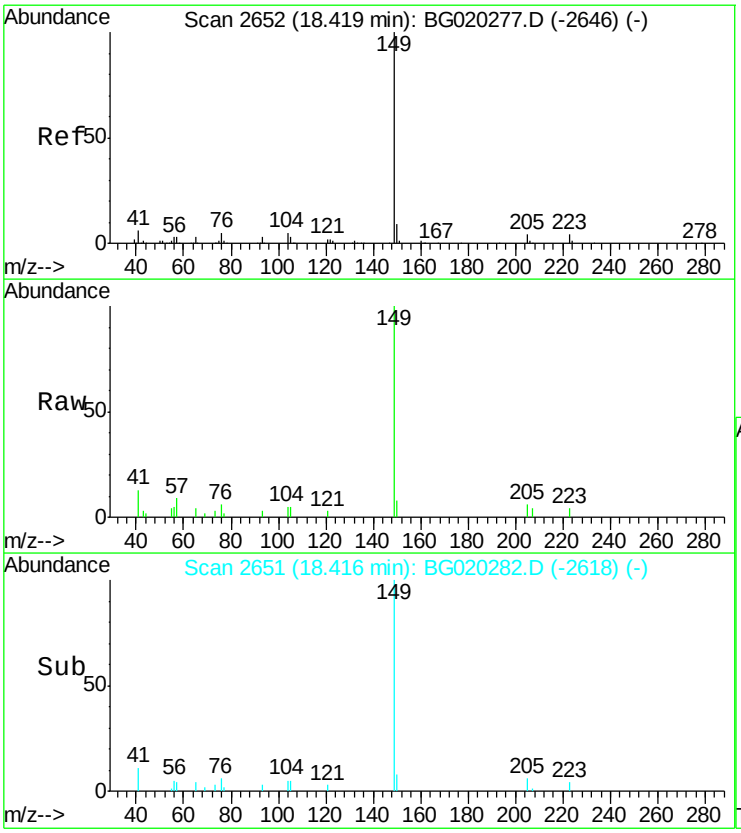
#75
Carbazole
Concen: 1.07 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:167 Resp: 6557

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.6
139	11.7	10.1	15.1

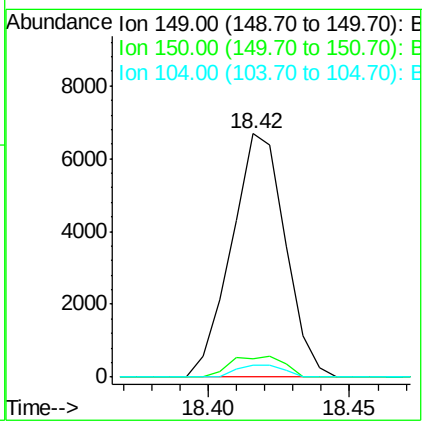


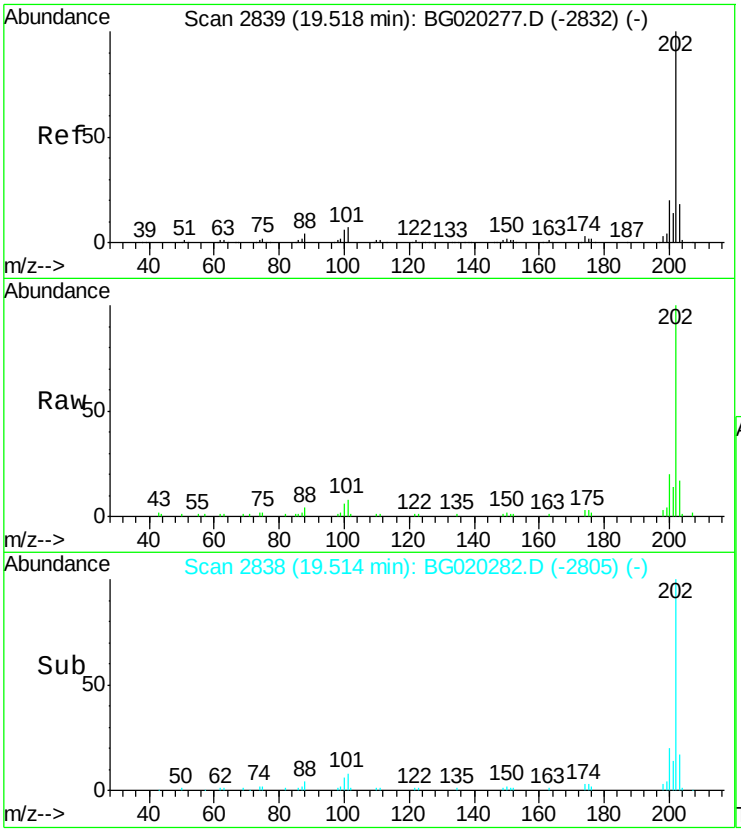


#76
Di-n-butylphthalate
Concen: 1.24 ng/ul
RT: 18.42 min Scan# 2651
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:149 Resp: 8814

Ion	Ratio	Lower	Upper
149	100		
150	7.6	7.7	11.5#
104	5.1	4.2	6.4



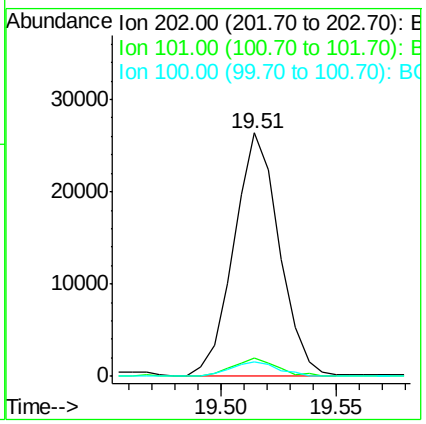


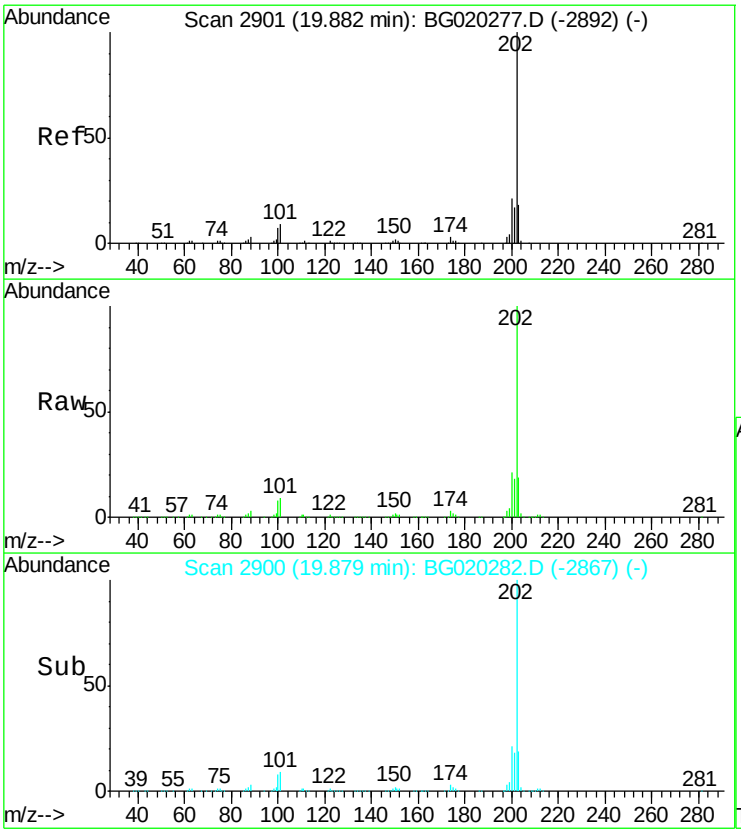
#77
Fluoranthene
Concen: 4.35 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:202 Resp: 36388

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
100	6.0	5.1	7.7

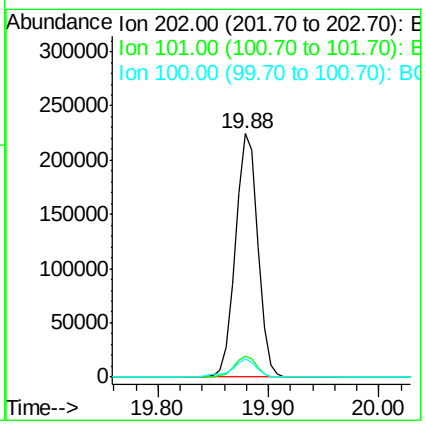


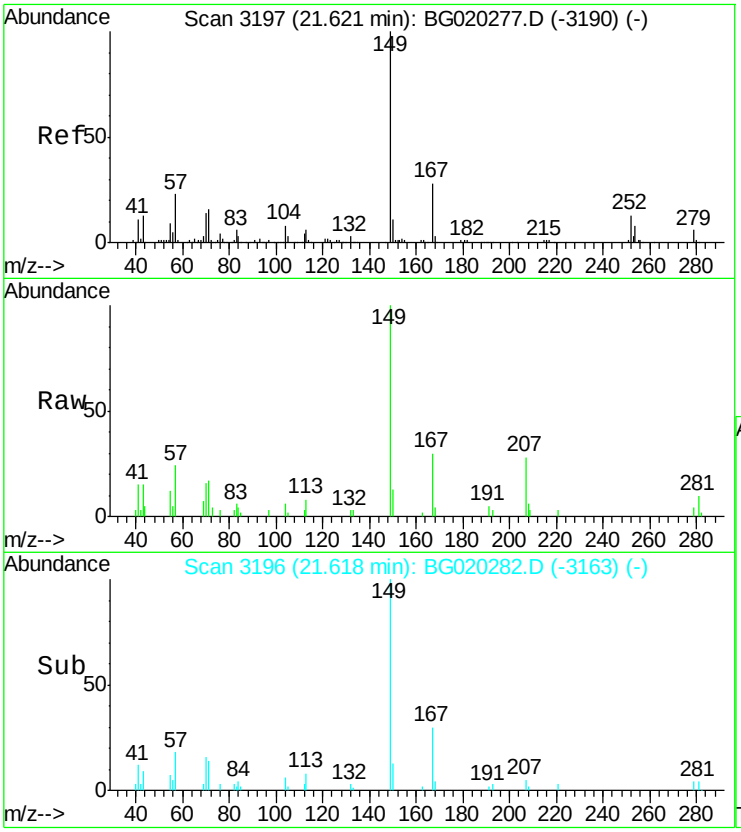


#80
Pyrene
Concen: 31.68 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Tgt Ion:202 Resp: 321073

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.4
100	7.7	6.4	9.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 1.79 ng/ul
RT: 21.62 min Scan# 3196
Delta R.T. -0.00 min
Lab File: BG020282.D
Acq: 18 Dec 2015 19:34

Instrument :
BNA_G
ClientSampleId :
D9N27MSD

Tgt Ion:149 Resp: 8990

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.8	34.2
279	4.2	4.1	6.1