Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028341.D
Acq On : 15 Aug 2017 12:52
Operator : SJ/JU
Sample : I4529-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC3

Manual Integrations APPROVED
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Quant Time: Aug 16 02:15:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 01:22:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	48031	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	225370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	149233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	334917	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	387338	20.00	ng/ul	0.00
83) Perylene-d12	25.58	264	373549	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	2473	2.40	ng/uL	0.01
5) Phenol-d5	7.51	99	87969	16.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	53743	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	64045	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	78973	17.91	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	34317m	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	40167	20.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	79978	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	5221	1.17	ng/ul	0.02
43) Dimethylphthalate-d6	14.36	166	255428	19.24	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	297178	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.19	143	34898	16.54	ng/ul	0.03
57) Fluorene-d10	15.96	176	219651	18.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	46798	21.51	ng/ul	0.01
70) Anthracene-d10	17.82	188	347950m	21.67	ng/ul	0.00
76) Pyrene-d10	20.09	212	396713	19.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	372832	21.32	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.54	94	15585	2.973	ng/ul#	89
11) 2-Methylphenol	8.79	108	8999	2.432	ng/ul	96
16) 4-Methylphenol	9.13	108	18887	4.520	ng/ul	85
24) 2,4-Dimethylphenol	10.33	107	34240m	7.062	ng/ul	
28) Naphthalene	11.23	128	48300	4.327	ng/ul#	91
34) 2-Methylnaphthalene	12.81	142	105919	11.814	ng/ul	93
40) 1,1'-Biphenyl	13.80	154	20739	1.903	ng/ul	99
44) Dimethylphthalate	14.40	163	56960	4.661	ng/ul#	91
49) Acenaphthene	15.03	153	17140	1.776	ng/ul#	90
53) Dibenzofuran	15.36	168	52220	3.712	ng/ul	94
58) Fluorene	16.01	166	92805	7.451	ng/ul	96
69) Phenanthrene	17.76	178	124730	7.400	ng/ul#	85
71) Anthracene	17.85	178	41055	2.383	ng/ul#	76
74) Fluoranthene	19.76	202	53587	2.616	ng/ul#	89
77) Pyrene	20.12	202	86564	3.746	ng/ul	98
80) Benzo(a)anthracene	22.03	228	29097	1.300	ng/ul#	64
82) Chrysene	22.11	228	26768	1.328	ng/ul#	65

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

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BNA_G
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Manual Integrations APPROVED
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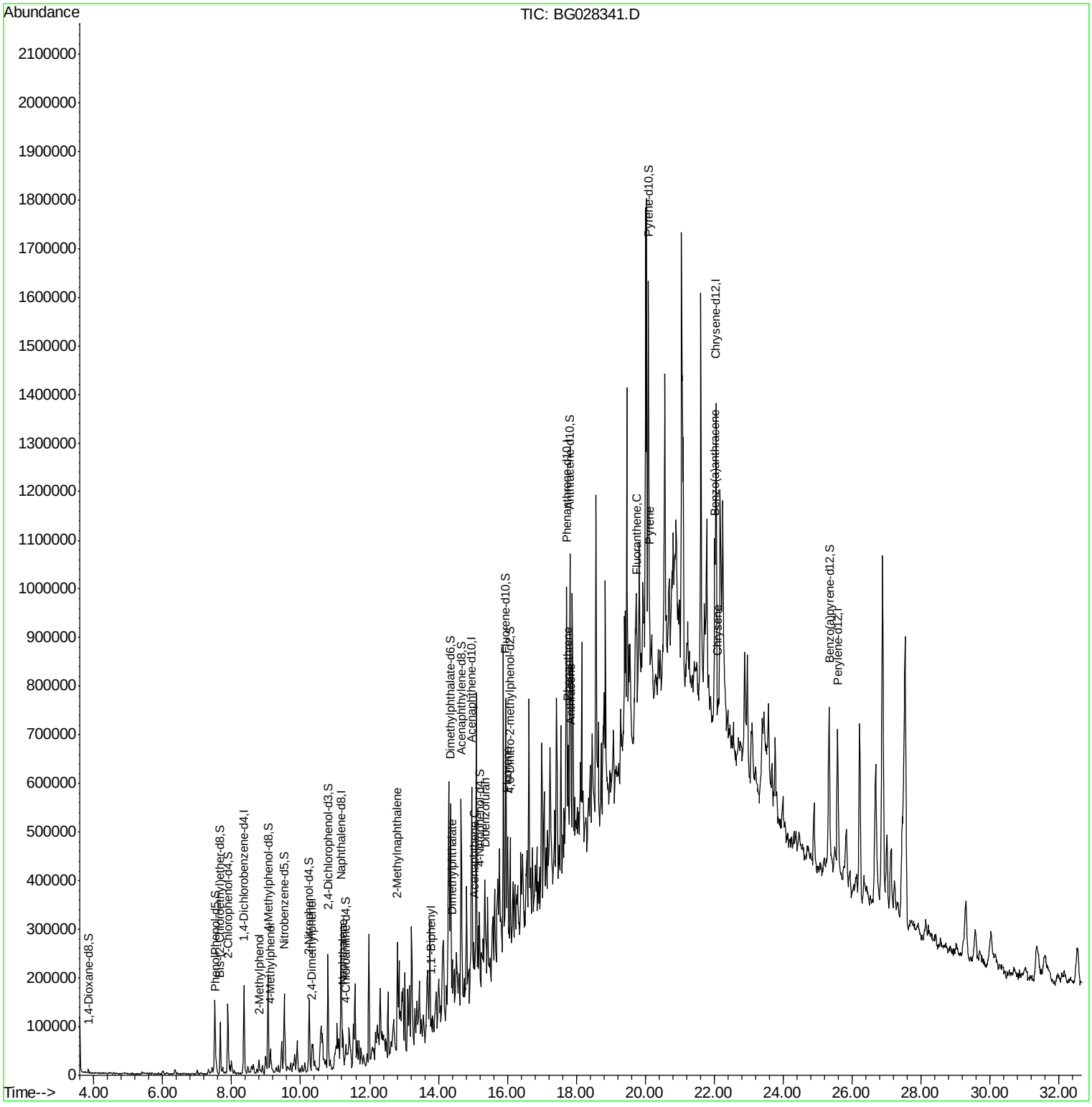
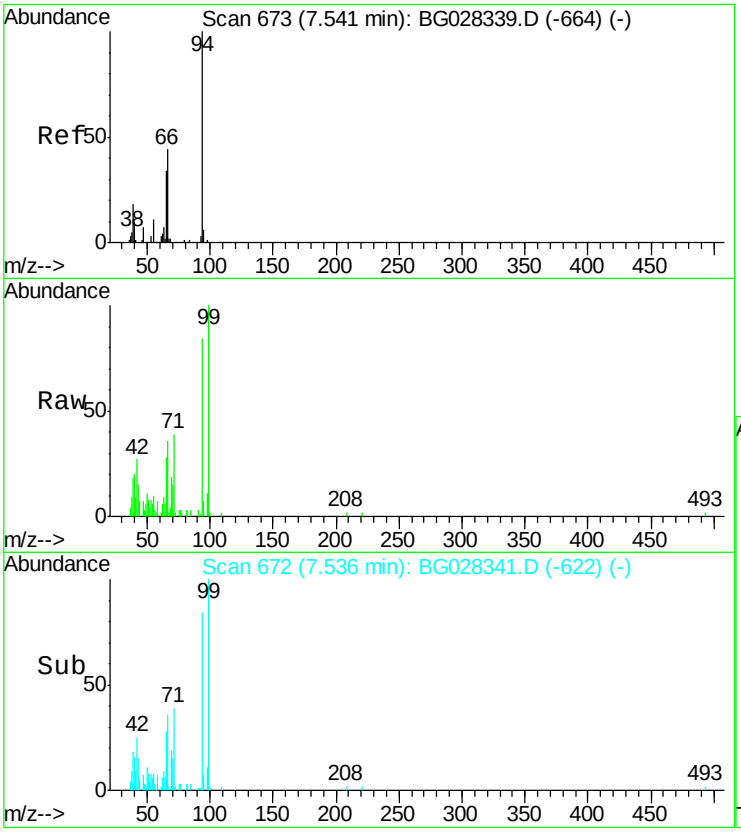
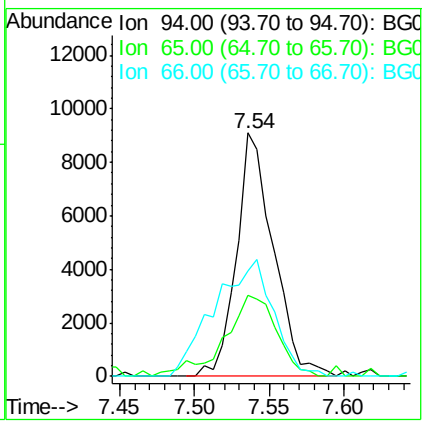




#6
Phenol
Concen: 2.973 ng/ul
RT: 7.54 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion: 94 Resp: 15585

Ion	Ratio	Lower	Upper
94	100		
65	33.1	26.8	40.2
66	43.2	44.4	66.6#



Instrument :
BNA_G
ClientSampleId :
C0AC3

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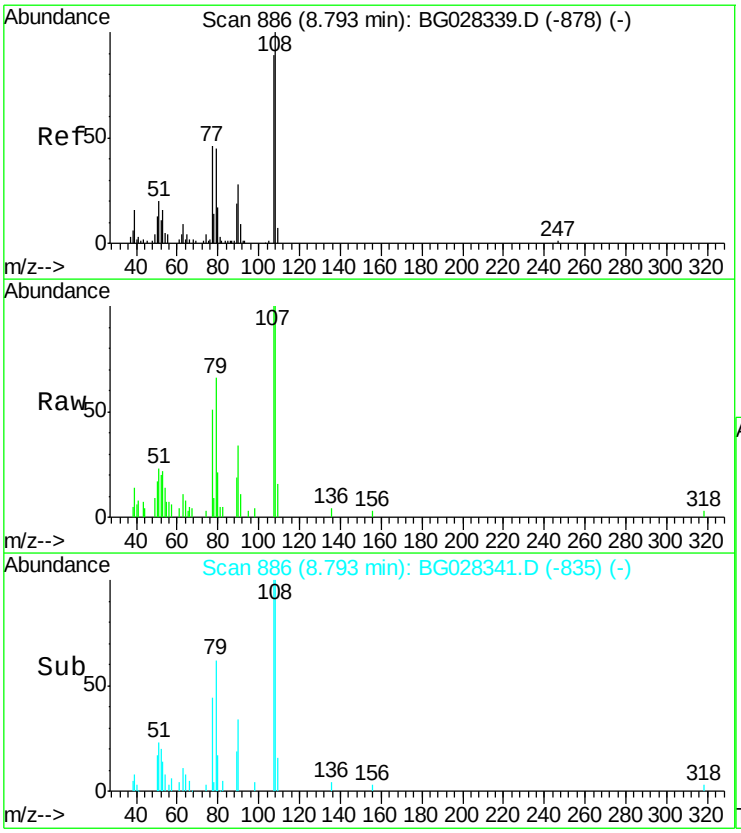
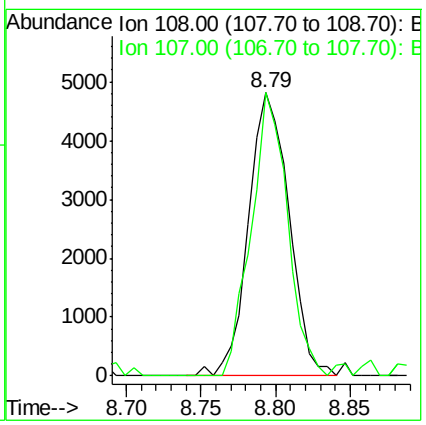
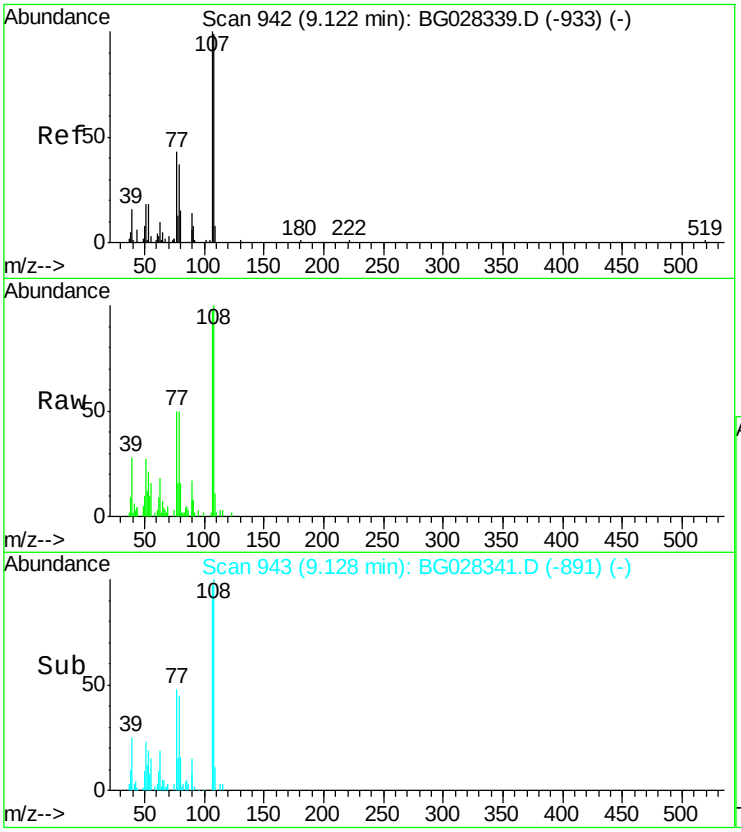


#11
2-Methylphenol
Concen: 2.432 ng/ul
RT: 8.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:108 Resp: 8999

Ion	Ratio	Lower	Upper
108	100		
107	99.9	76.7	115.1





#16
4-Methylphenol
Concen: 4.520 ng/ul
RT: 9.13 min Scan# 943
Delta R.T. 0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:108 Resp: 18887

Ion	Ratio	Lower	Upper
108	100		
107	98.5	91.7	137.5

Instrument :
BNA_G
ClientSampleId :
C0AC3

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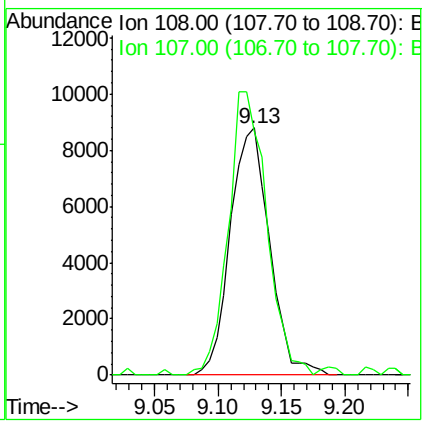
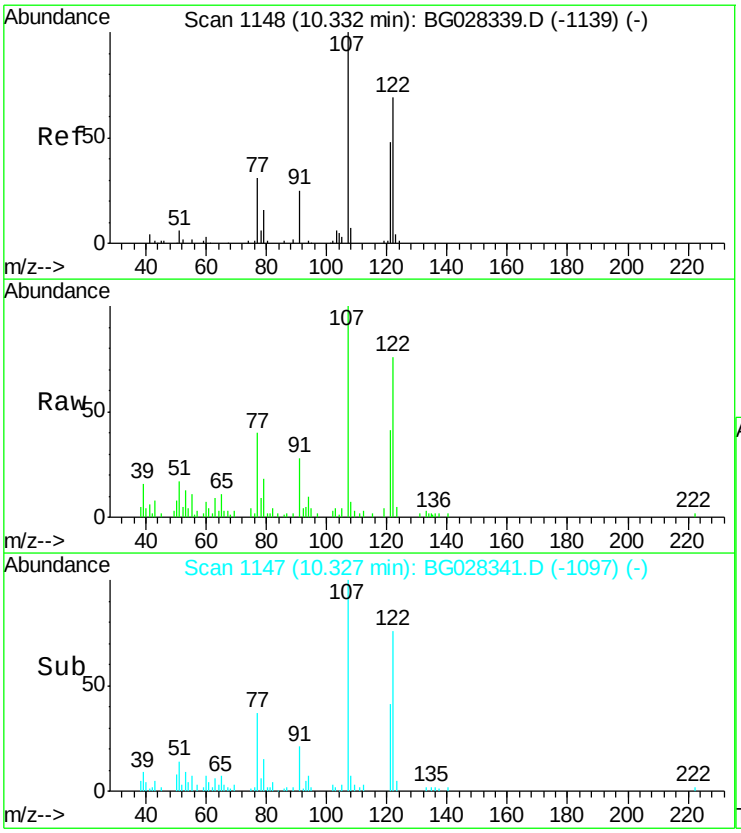
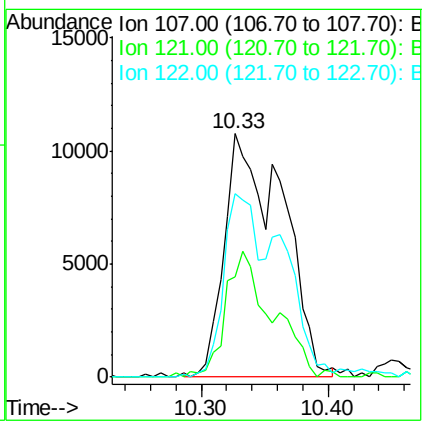


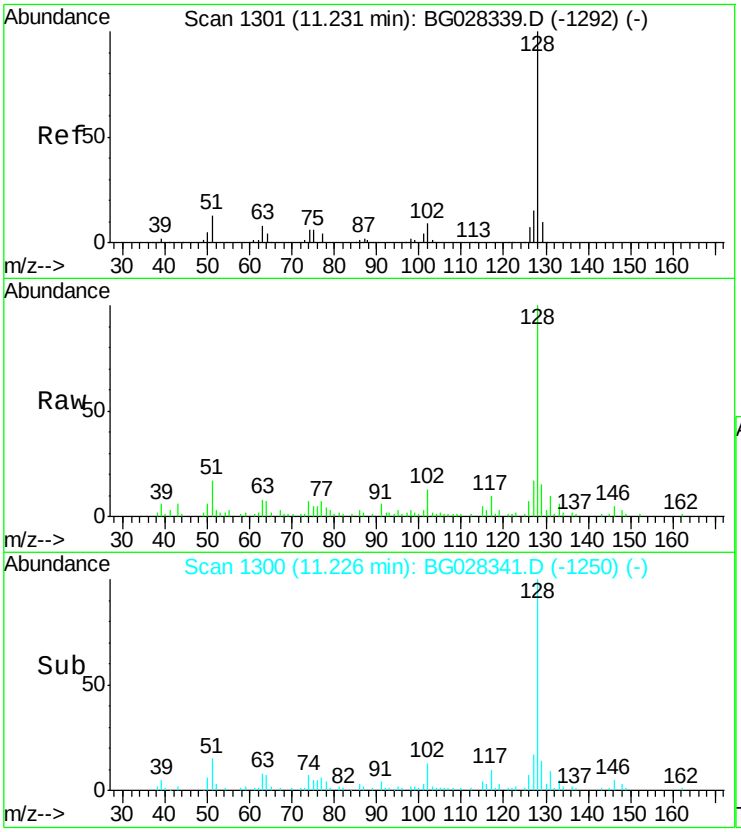


#24
2,4-Dimethylphenol
Concen: 7.062 ng/ul m
RT: 10.33 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:107 Resp: 34240

Ion	Ratio	Lower	Upper
107	100		
121	40.9	32.3	48.5
122	75.5	61.2	91.8





#28
Naphthalene
Concen: 4.327 ng/ul
RT: 11.23 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:128 Resp: 48300

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.4	14.2#
127	16.8	10.3	15.5#

Instrument :
BNA_G
ClientSampleId :
C0AC3

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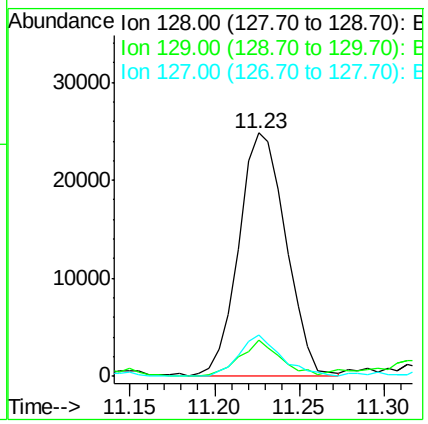
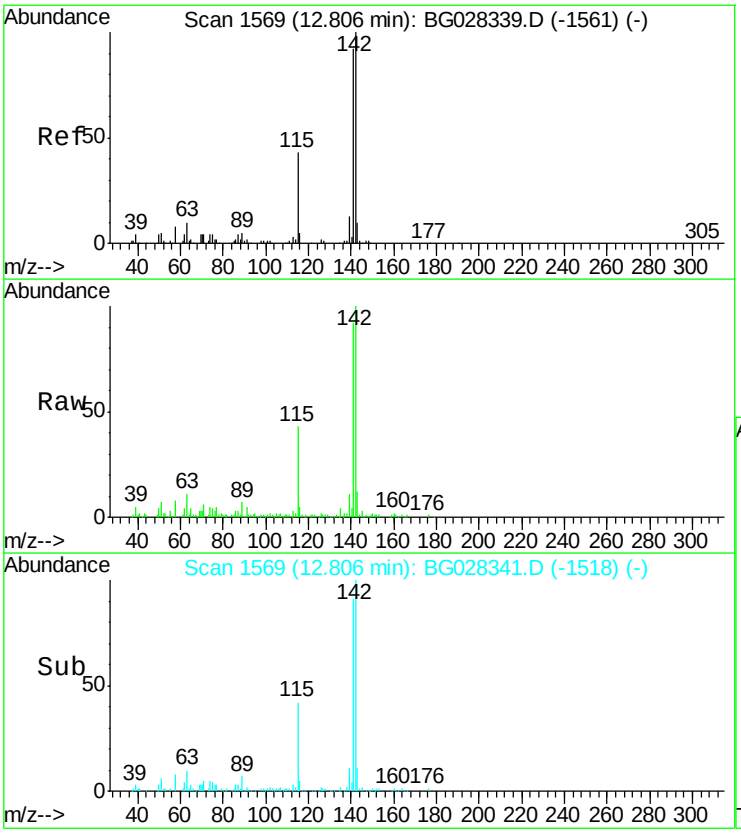
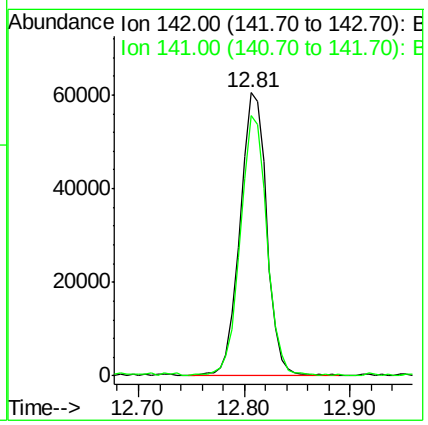


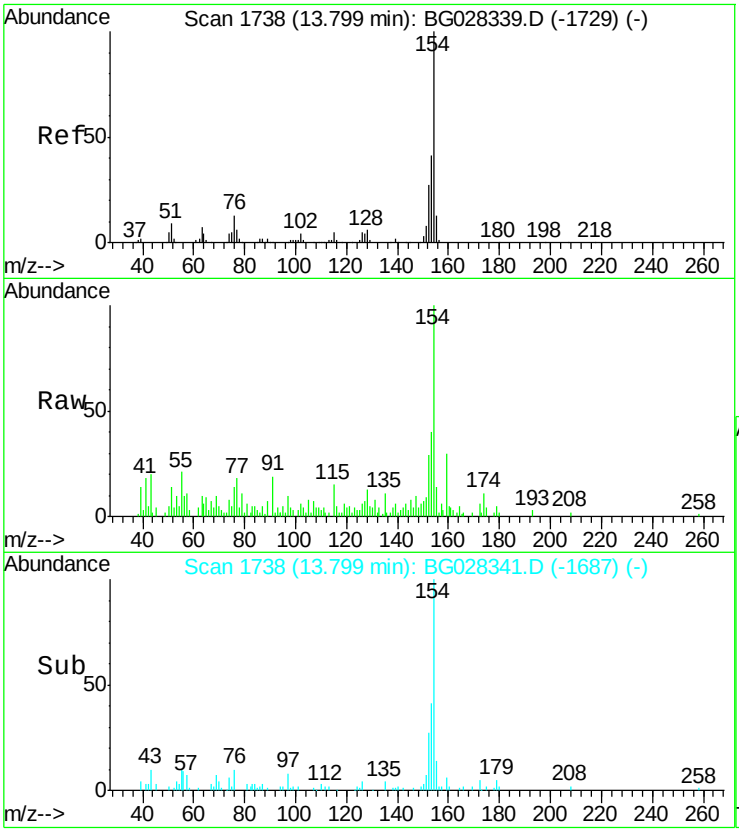


#34
2-Methylnaphthalene
Concen: 11.814 ng/ul
RT: 12.81 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:142 Resp: 105919

Ion	Ratio	Lower	Upper
142	100		
141	92.0	68.6	102.8





#40
1,1'-Biphenyl
Concen: 1.903 ng/ul
RT: 13.80 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:154 Resp: 20739

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.2	48.2
76	14.0	9.6	14.4

Instrument :
BNA_G
ClientSampleId :
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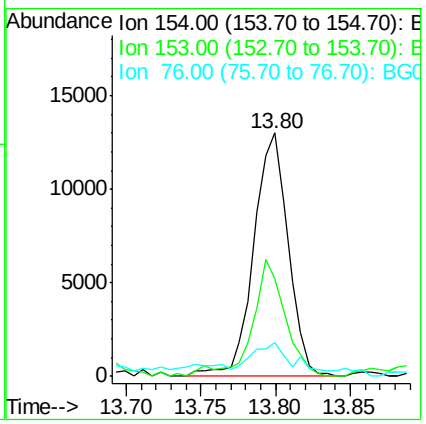
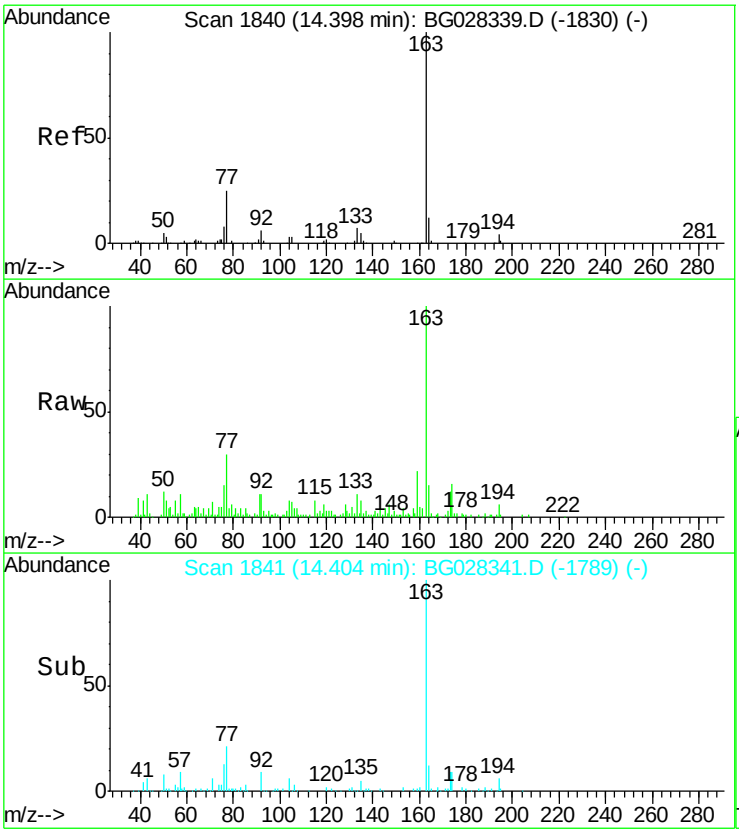
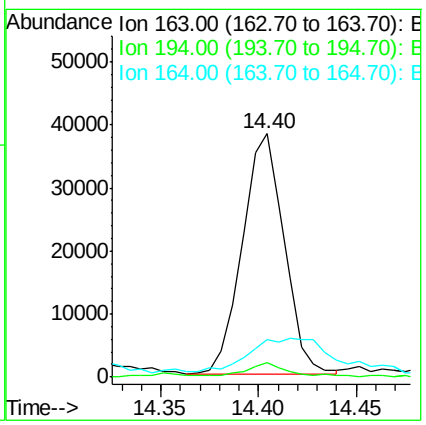


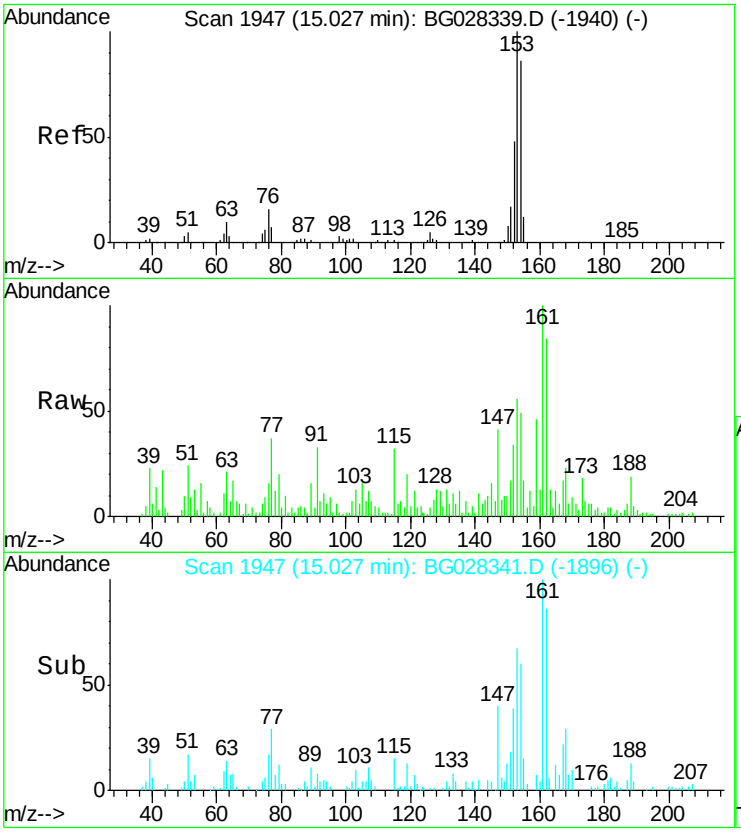


#44
Dimethylphthalate
Concen: 4.661 ng/ul
RT: 14.40 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:163 Resp: 56960

Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.4	5.0#
164	15.2	9.0	13.4#





#49
Acenaphthene
Concen: 1.776 ng/ul
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:153 Resp: 17140

Ion	Ratio	Lower	Upper
153	100		
152	59.7	36.5	54.7#
154	87.1	72.3	108.5

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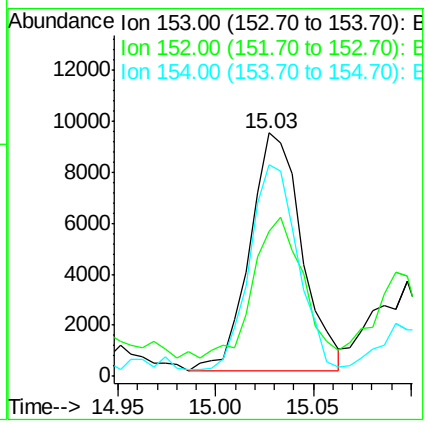
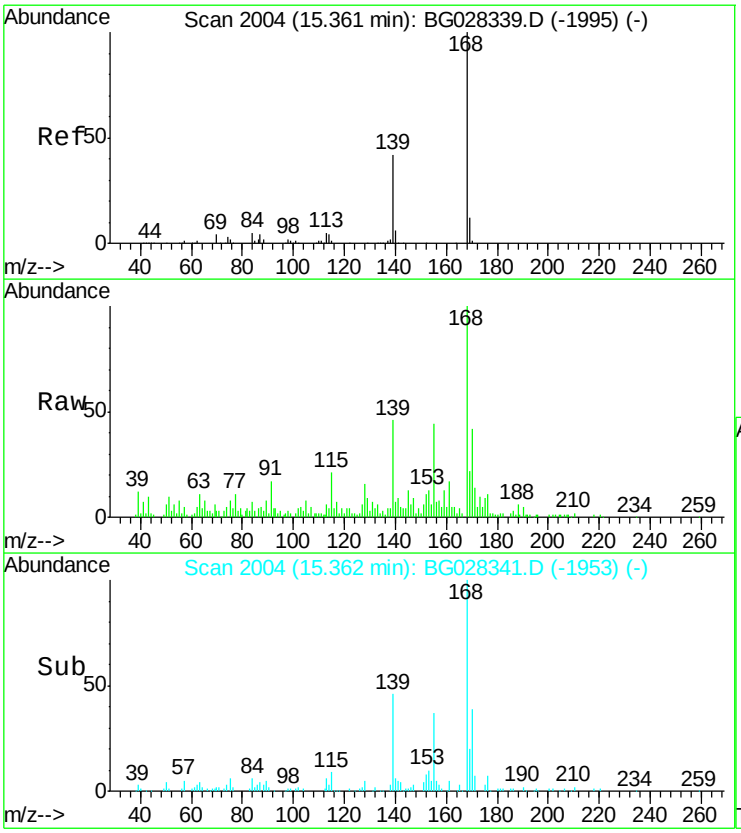
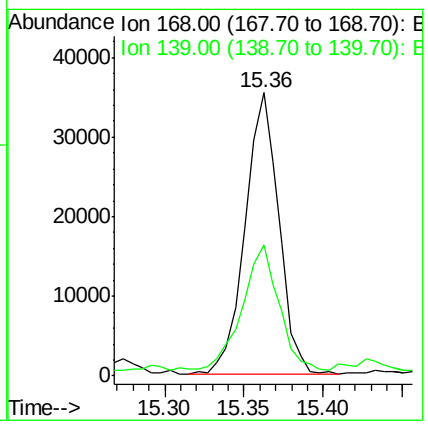


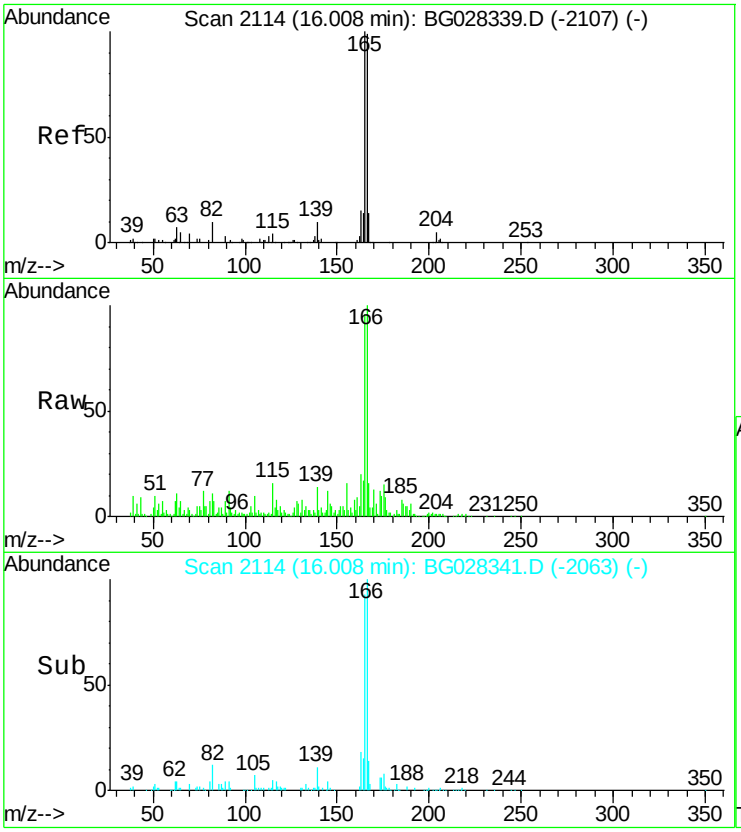


#53
Dibenzofuran
Concen: 3.712 ng/ul
RT: 15.36 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:168 Resp: 52220

Ion	Ratio	Lower	Upper
168	100		
139	46.4	33.8	50.8





#58
Fluorene
Concen: 7.451 ng/ul
RT: 16.01 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:166 Resp: 92805

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.7	119.5
167	16.4	11.4	17.2

Instrument :
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ClientSampleId :
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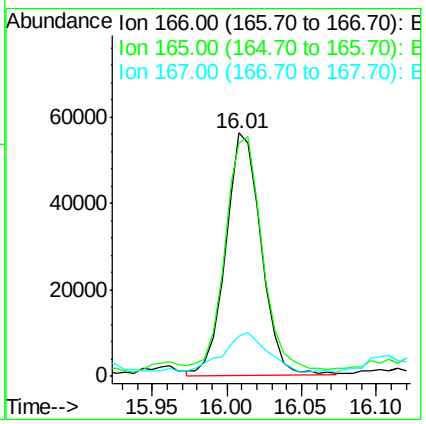
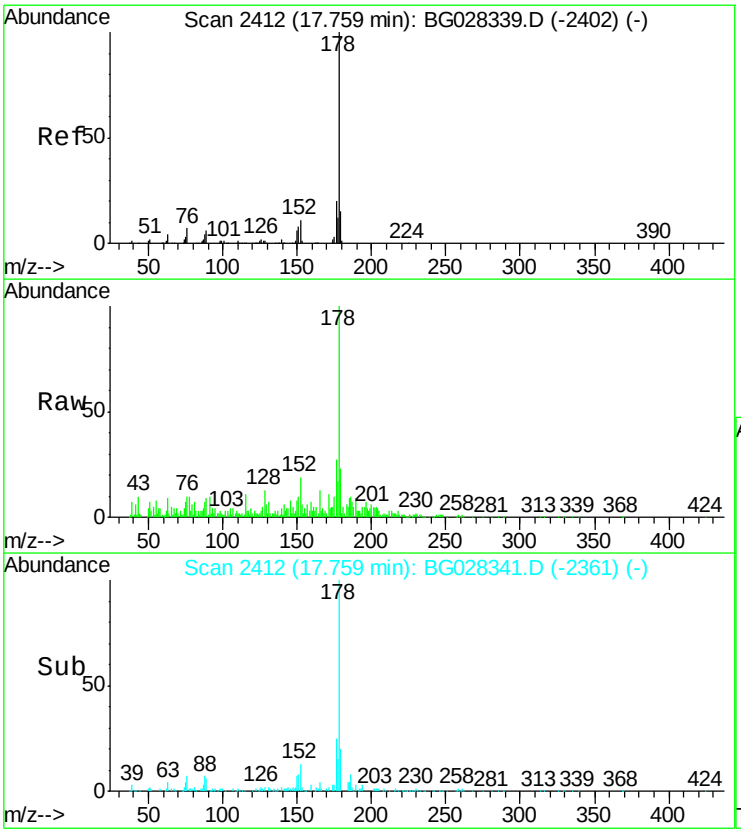
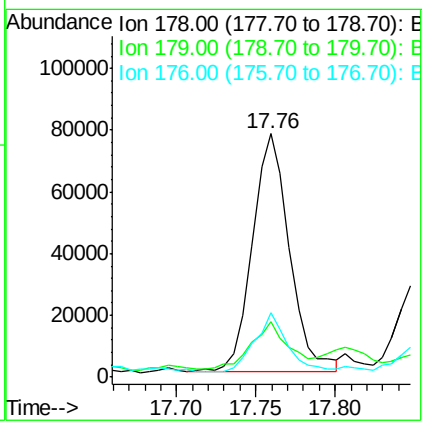


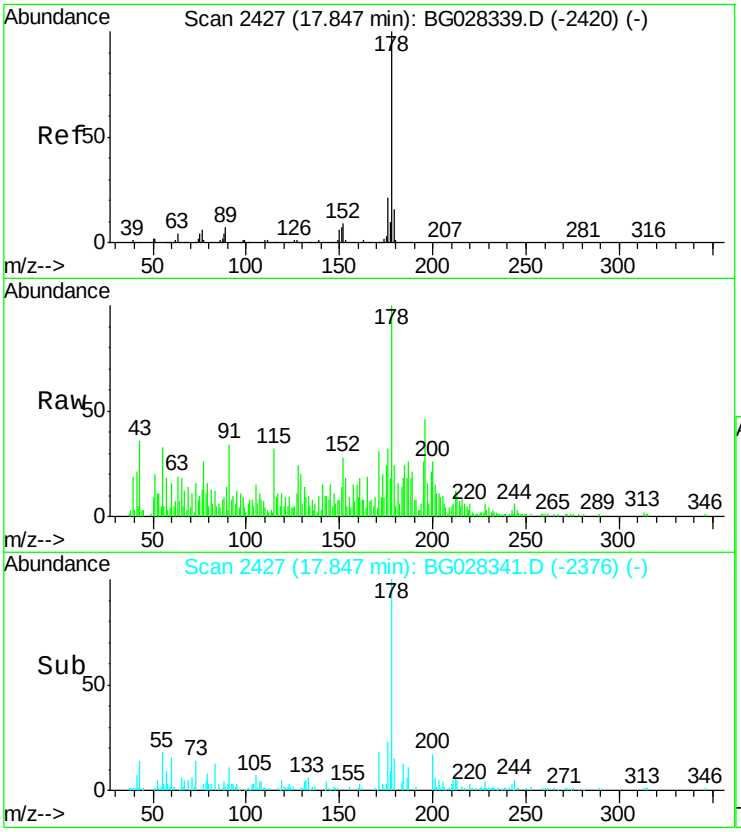


#69
Phenanthrene
Concen: 7.400 ng/ul
RT: 17.76 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:178 Resp: 124730

Ion	Ratio	Lower	Upper
178	100		
179	22.5	12.4	18.6#
176	26.6	16.5	24.7#





#71
Anthracene
Concen: 2.383 ng/ul
RT: 17.85 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:178 Resp: 41055

Ion	Ratio	Lower	Upper
178	100		
179	24.4	12.6	19.0#
176	31.9	15.9	23.9#

Instrument :
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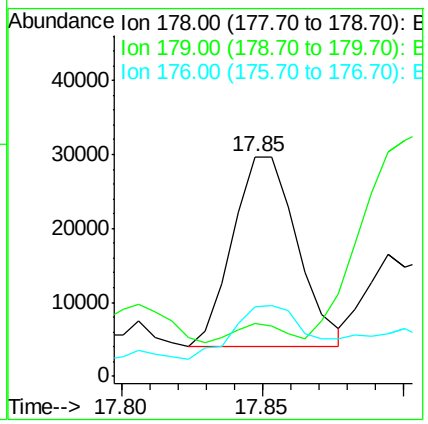
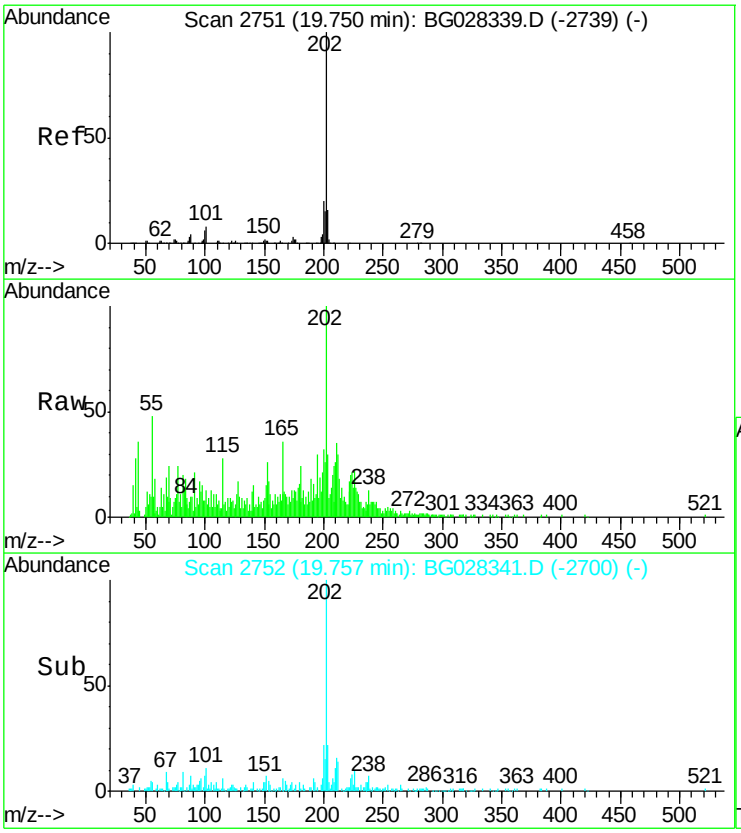
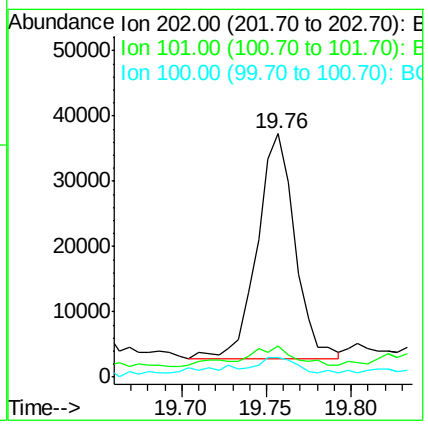


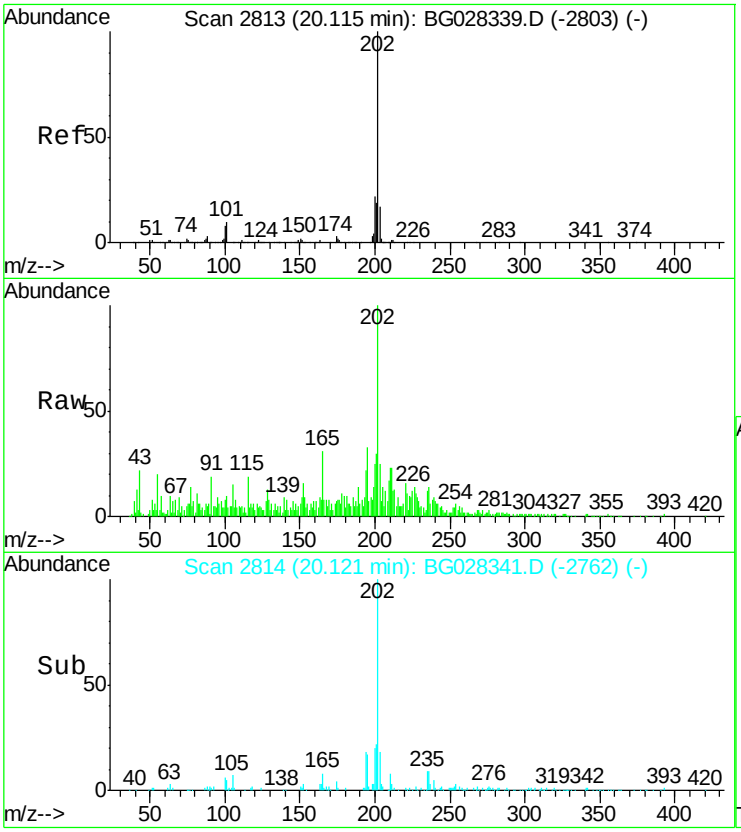


#74
Fluoranthene
Concen: 2.616 ng/ul
RT: 19.76 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:202 Resp: 53587

Ion	Ratio	Lower	Upper
202	100		
101	13.0	6.2	9.2#
100	8.3	5.2	7.8#





#77
Pyrene
Concen: 3.746 ng/ul
RT: 20.12 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:202 Resp: 86564

Ion	Ratio	Lower	Upper
202	100		
101	9.8	6.9	10.3
100	8.2	6.6	10.0

Instrument :
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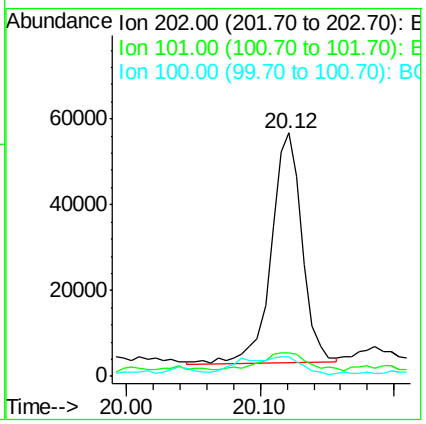
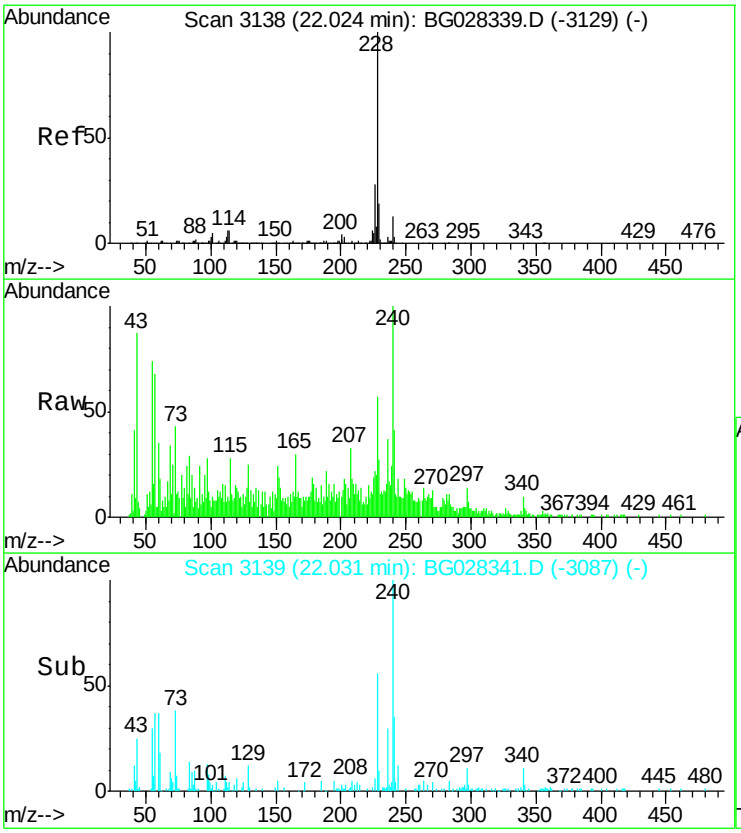
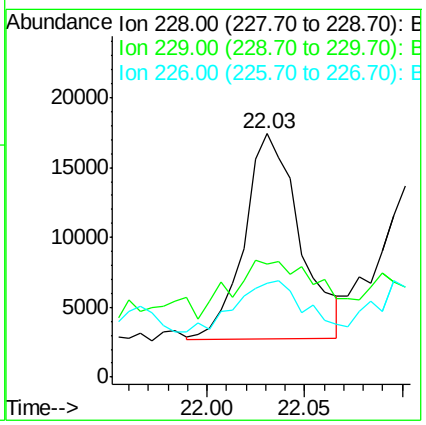


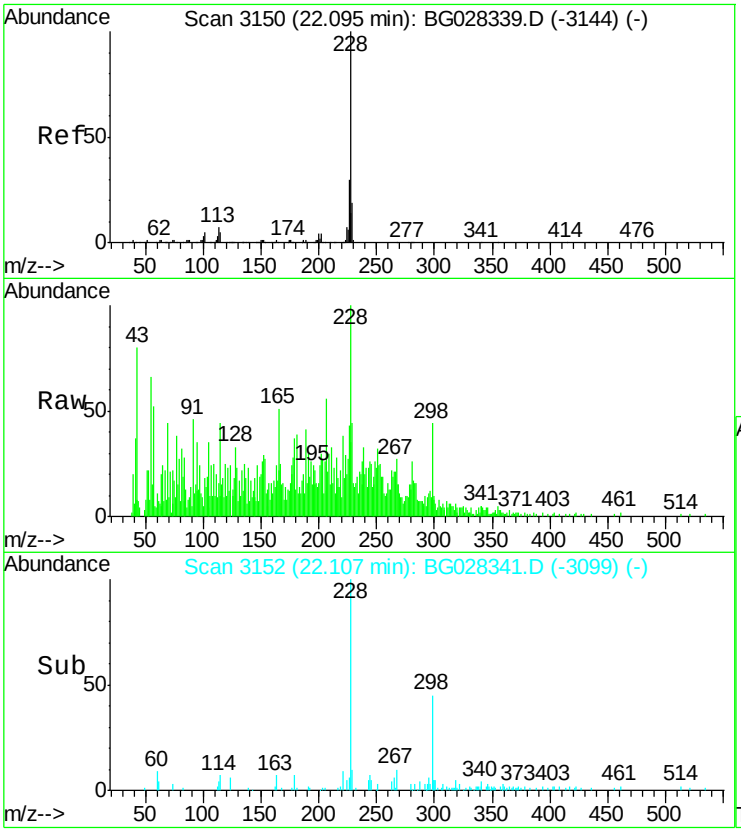


#80
Benzo(a)anthracene
Concen: 1.300 ng/ul
RT: 22.03 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:228 Resp: 29097

Ion	Ratio	Lower	Upper
228	100		
229	46.2	16.3	24.5#
226	38.3	21.9	32.9#

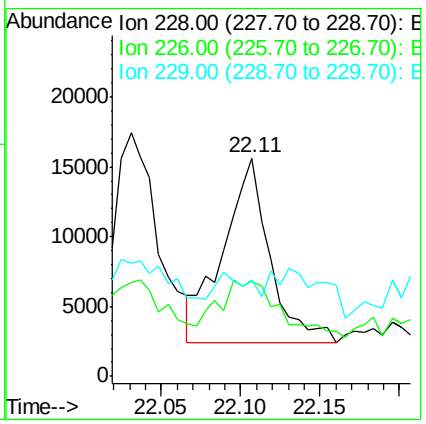




#82
Chrysene
Concen: 1.328 ng/ul
RT: 22.11 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG028341.D
Acq: 15 Aug 2017 12:52

Tgt Ion:228 Resp: 26768

Ion	Ratio	Lower	Upper
228	100		
226	43.5	24.0	36.0#
229	44.4	16.9	25.3#



Instrument :
BNA_G
ClientSampleId :
C0AC3

Manual Integrations APPROVED
Sohil
8/16/2017 6:40:59 PM