Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019341.D
Acq On : 24 Oct 2015 18:29
Operator : UM/NP
Sample : G4058-09MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LR8MS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:39:10 PM

Quant Time: Oct 26 08:29:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 03:28:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	42788	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	177026	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	145475	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	374191	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	461262	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	439852	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	2421	3.14	ng/uL	0.00
5) Phenol-d5	7.37	99	71450	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	46682	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	45821	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	55019	18.74	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	25042	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	29436	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	57613	17.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	6641	2.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	224048	18.58	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	237445	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	12872	6.56	ng/ul	0.00
58) Fluorene-d10	15.85	176	194914	17.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	39652	16.10	ng/ul	0.00
71) Anthracene-d10	17.70	188	297698	17.37	ng/ul	0.00
79) Pyrene-d10	19.96	212	322657	15.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	342517	15.26	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.40	94	74891	18.93	ng/ul	96
10) 2-Chlorophenol	7.80	128	44288	17.92	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.04	70	56711	18.71	ng/ul#	88
28) Naphthalene	11.12	128	16123	1.83	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.31	107	72858	17.34	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	15137	2.06	ng/ul	98
35) 1-Methylnaphthalene	12.92	142	11816	1.73	ng/ul#	78
45) Dimethylphthalate	14.30	163	124916	10.37	ng/ul	97
50) Acenaphthene	14.92	153	145360	16.06	ng/ul	98
53) 4-Nitrophenol	15.04	109	18898m	5.84	ng/ul	
54) Dibenzofuran	15.25	168	17332	1.26	ng/ul	99
55) 2,4-Dinitrotoluene	15.20	165	62389	16.75	ng/ul#	93
69) Pentachlorophenol	17.24	266	43552	12.71	ng/ul#	84
70) Phenanthrene	17.64	178	89921	4.75	ng/ul	98
77) Fluoranthene	19.64	202	119793	4.72	ng/ul#	95
80) Pyrene	19.99	202	437777	16.93	ng/ul#	93
83) Benzo(a)anthracene	21.87	228	85813	3.21	ng/ul#	91
85) Chrysene	21.93	228	100778	4.10	ng/ul	95
88) Benzo(b)fluoranthene	24.19	252	104050	3.87	ng/ul#	95
89) Benzo(k)fluoranthene	24.25	252	30744m	1.20	ng/ul	
91) Benzo(a)pyrene	25.12	252	68568	2.75	ng/ul#	77
92) Indeno(1,2,3-cd)pyrene	29.18	276	44216	1.57	ng/ul#	87

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019341.D
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Misc :
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Quant Time: Oct 26 08:29:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LR8MS

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
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Manual Integrations APPROVED
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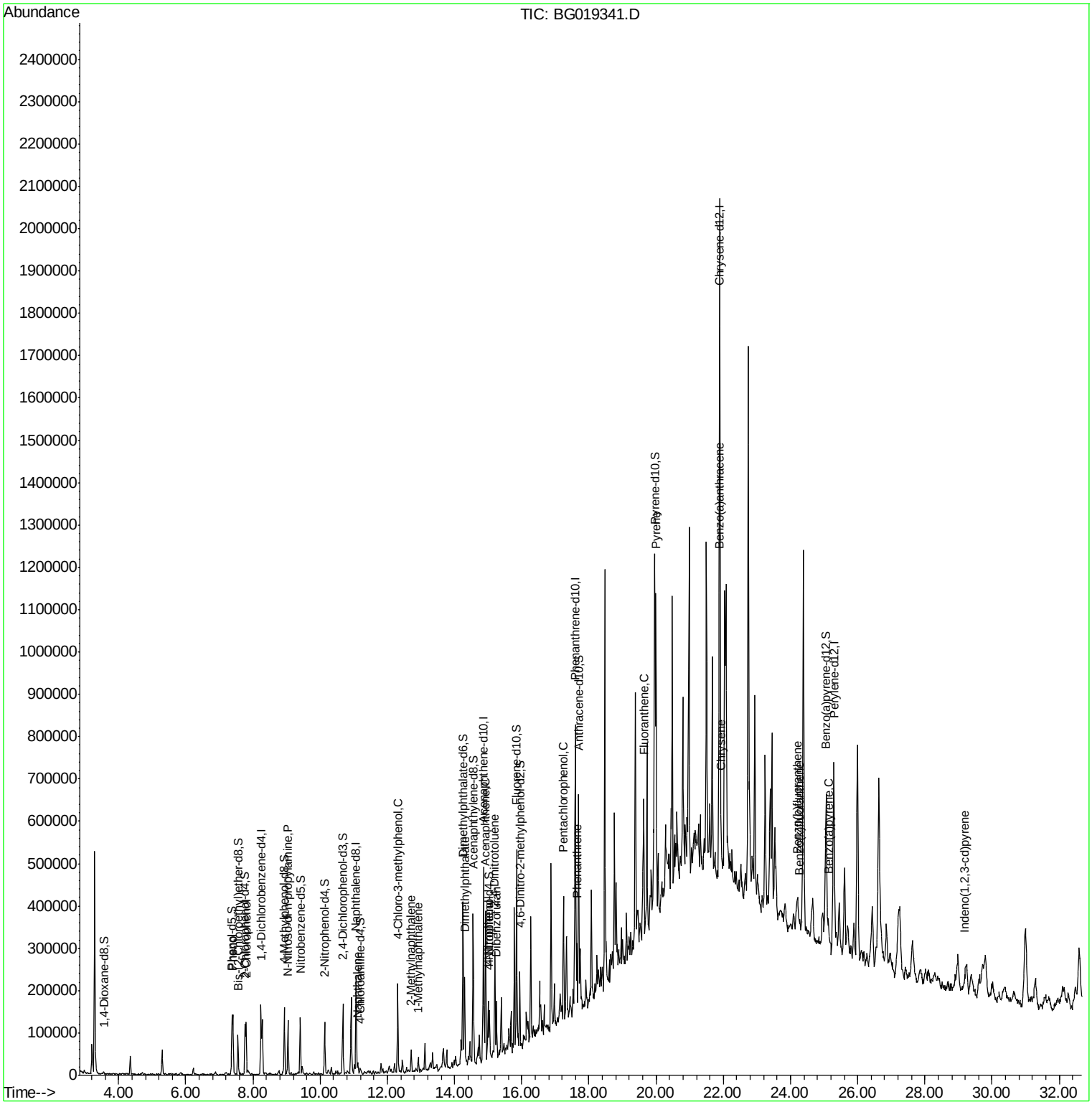
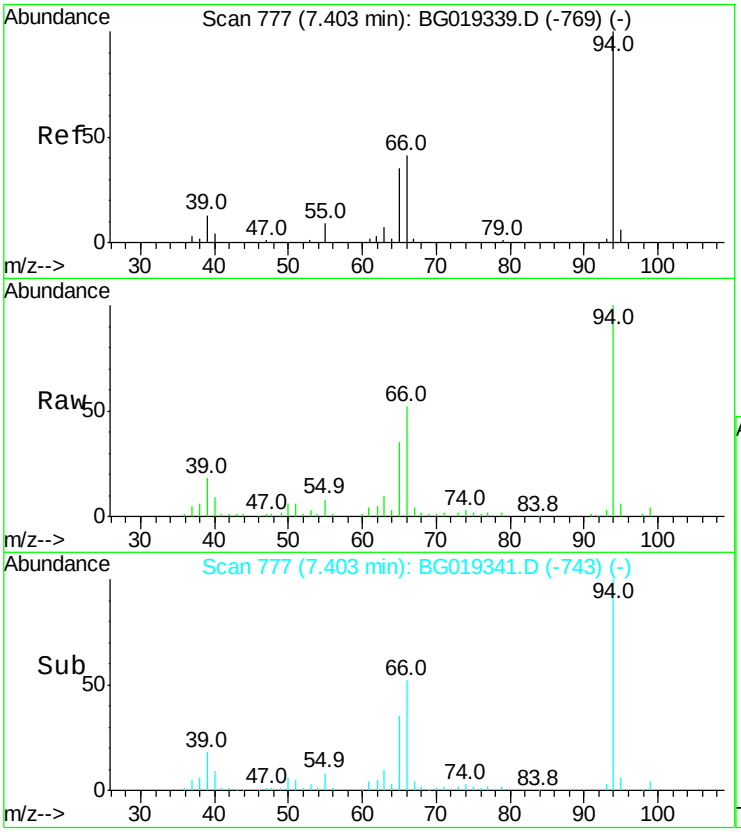
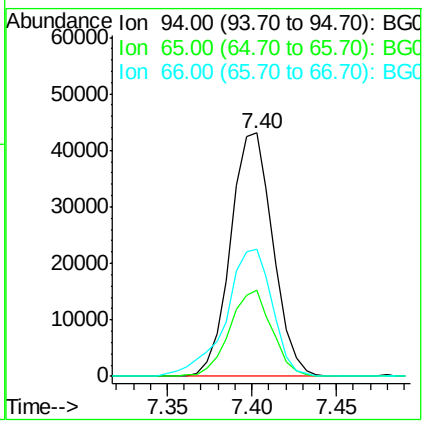




#6
Phenol
Concen: 18.93 ng/ul
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion: 94 Resp: 74891

Ion	Ratio	Lower	Upper
94	100		
65	35.3	29.3	43.9
66	52.0	45.0	67.6



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
MmDadoda
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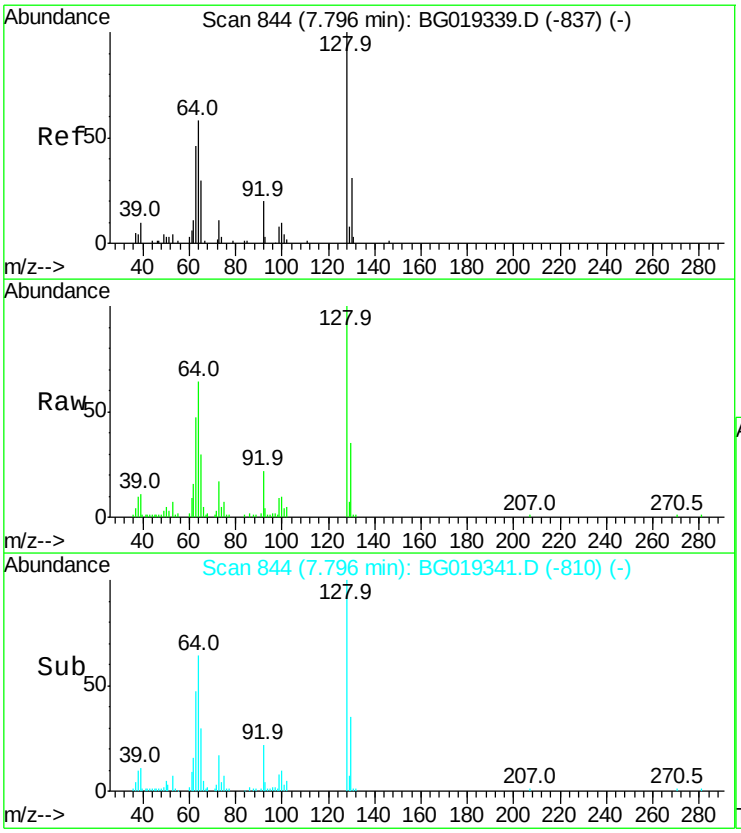
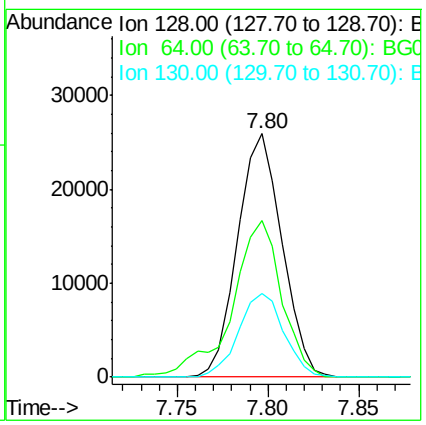
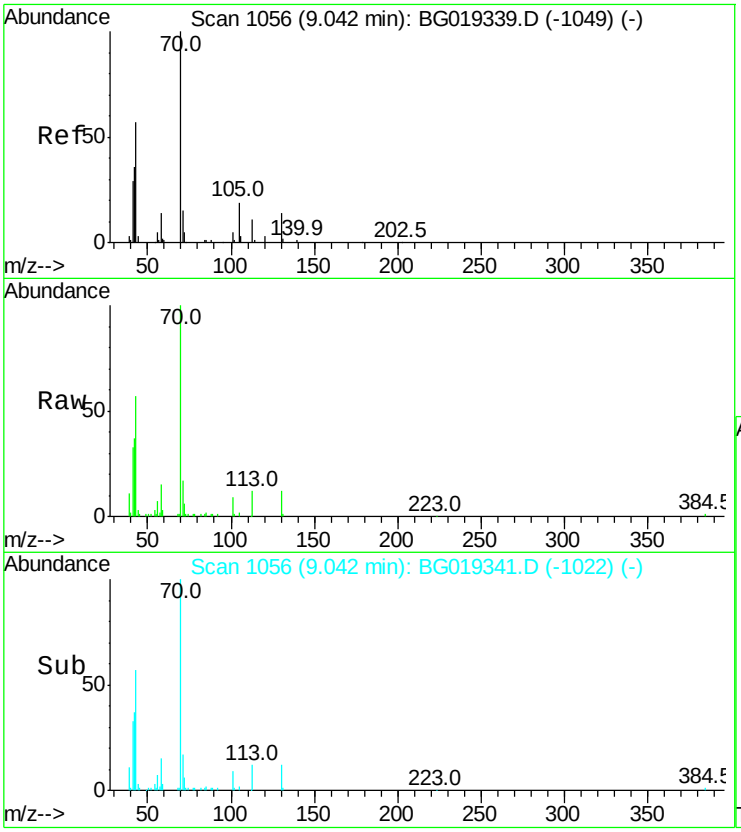


#10
2-Chlorophenol
Concen: 17.92 ng/ul
RT: 7.80 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:128 Resp: 44288

Ion	Ratio	Lower	Upper
128	100		
64	64.3	53.2	79.8
130	34.6	25.9	38.9

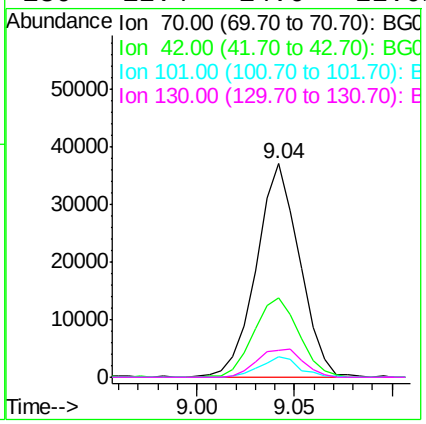




#15
N-Nitroso-di-n-propylamine
Concen: 18.71 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion: 70 Resp: 56711

Ion	Ratio	Lower	Upper
70	100		
42	37.3	36.6	55.0
101	9.4	5.8	8.8#
130	12.4	14.6	22.0#



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
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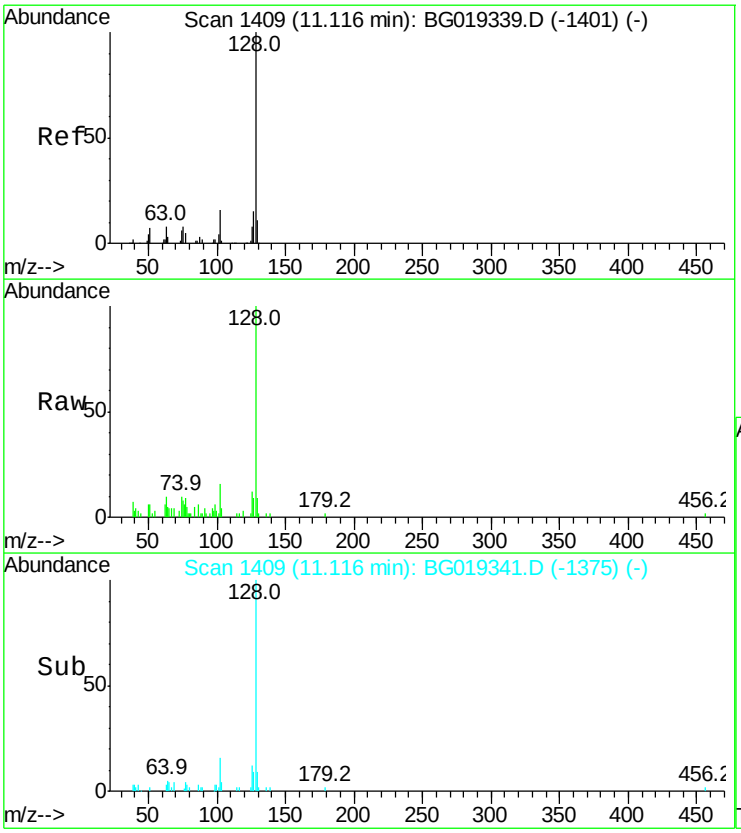
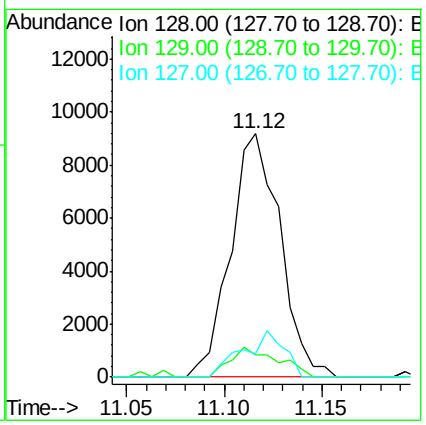
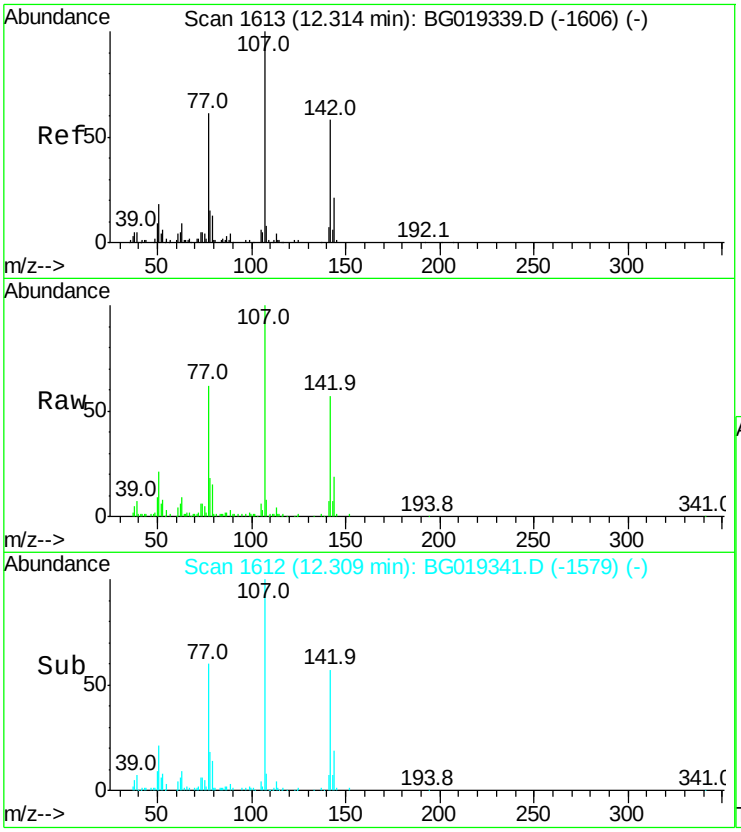


#28
Naphthalene
Concen: 1.83 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:128 Resp: 16123

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.9	13.3
127	9.4	13.1	19.7#

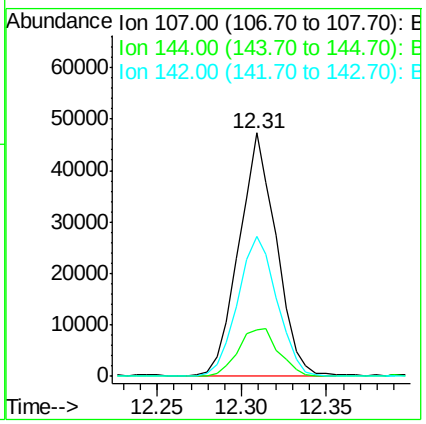




#33
4-Chloro-3-methylphenol
Concen: 17.34 ng/ul
RT: 12.31 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:107 Resp: 72858

Ion	Ratio	Lower	Upper
107	100		
144	19.1	13.0	19.6
142	57.3	47.0	70.6



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
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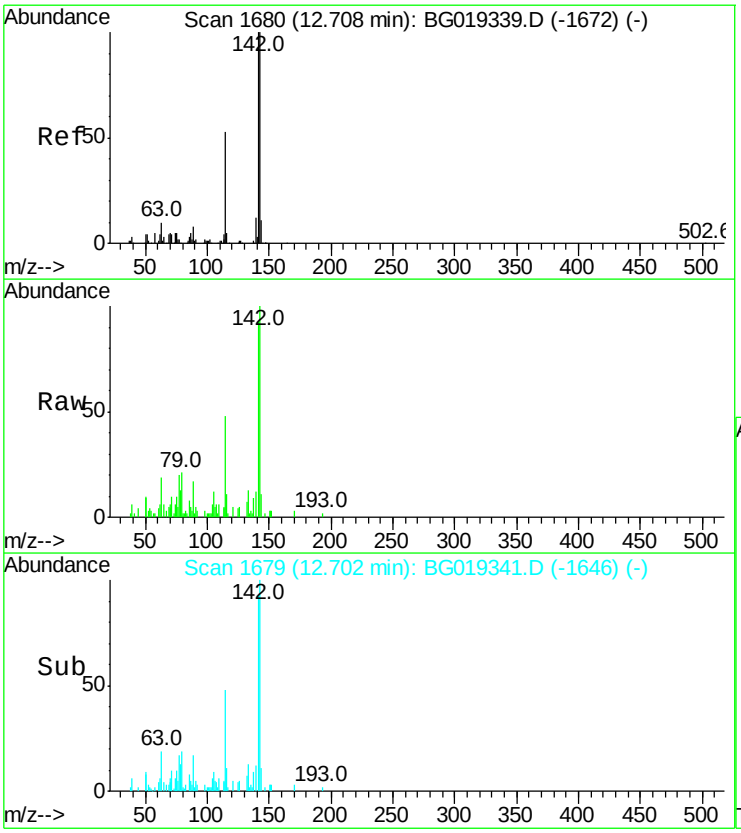
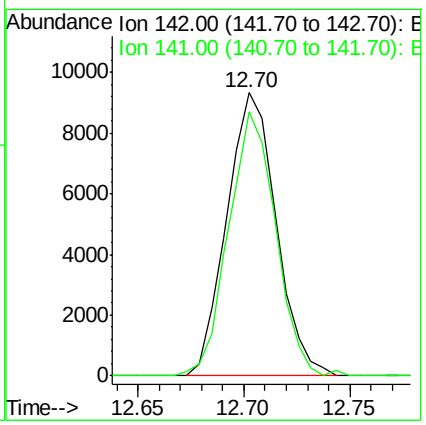
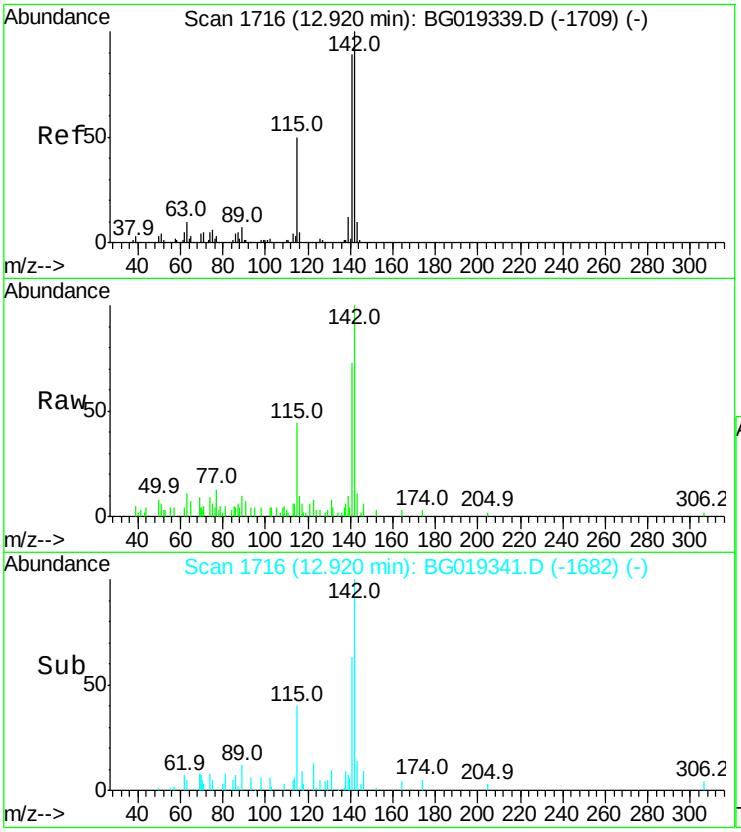


#34
2-Methylnaphthalene
Concen: 2.06 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:142 Resp: 15137

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.4	110.2

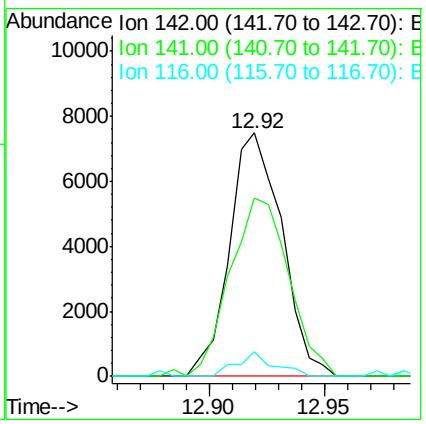




#35
1-Methylnaphthalene
Concen: 1.73 ng/ul
RT: 12.92 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:142 Resp: 11816

Ion	Ratio	Lower	Upper
142	100		
141	73.3	76.5	114.7#
116	9.9	5.4	8.0#



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
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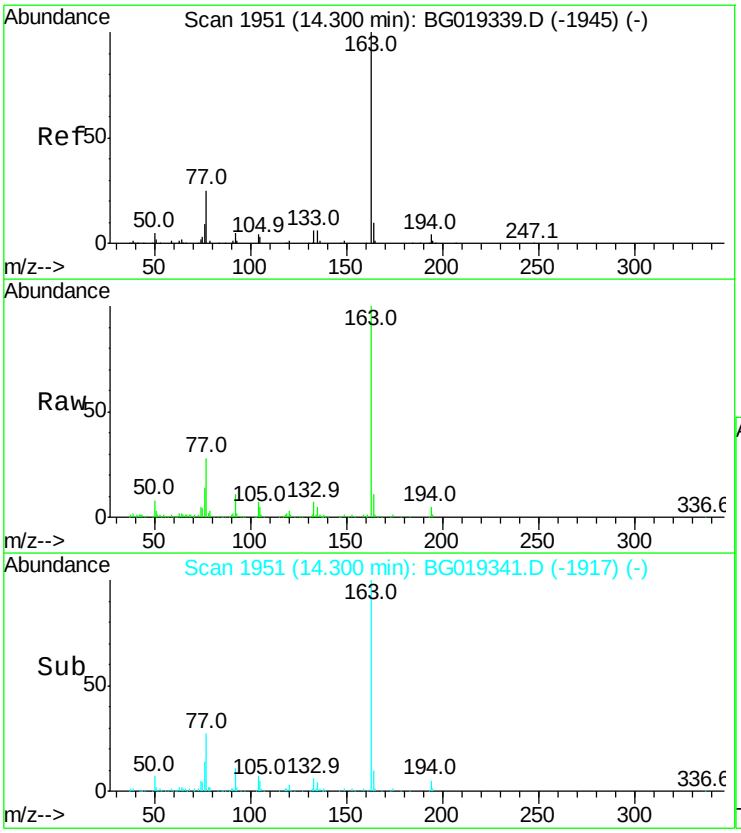
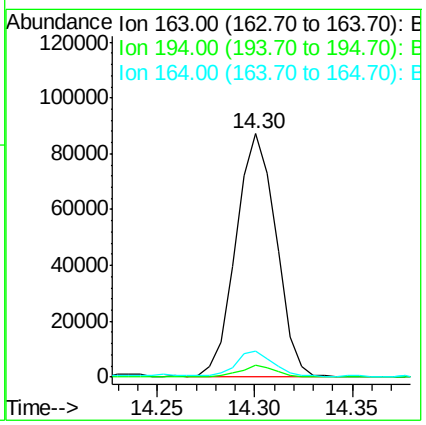
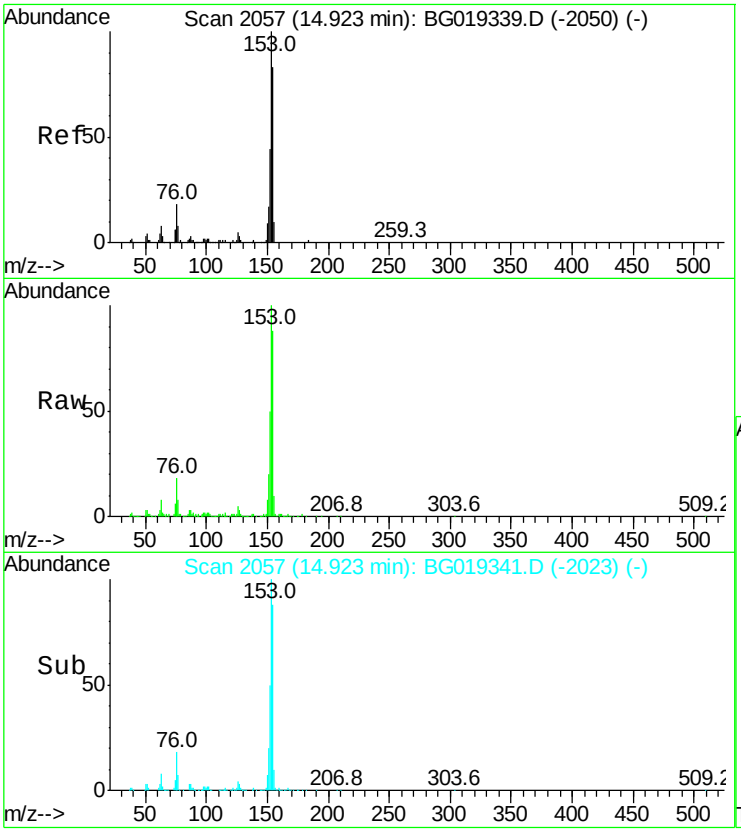


#45
Dimethylphthalate
Concen: 10.37 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:163 Resp: 124916

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.3	6.5
164	10.9	7.5	11.3

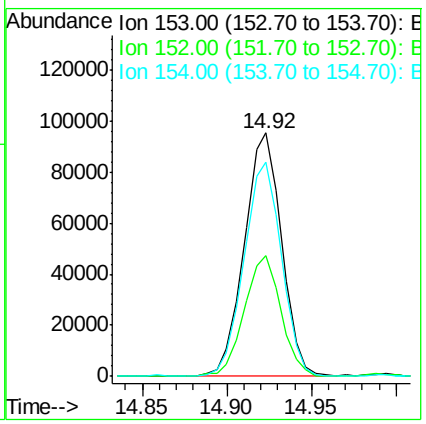




#50
Acenaphthene
Concen: 16.06 ng/ul
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:153 Resp: 145360

Ion	Ratio	Lower	Upper
153	100		
152	49.7	38.8	58.2
154	88.0	71.5	107.3



Instrument :
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ClientSampleId :
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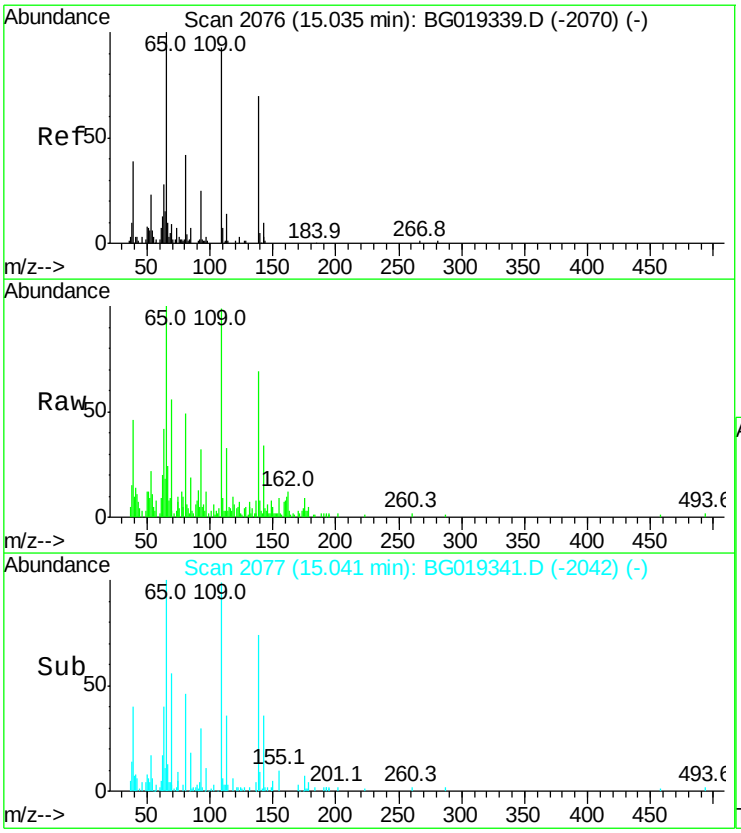
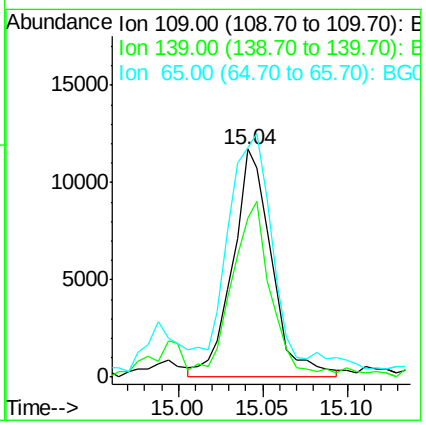
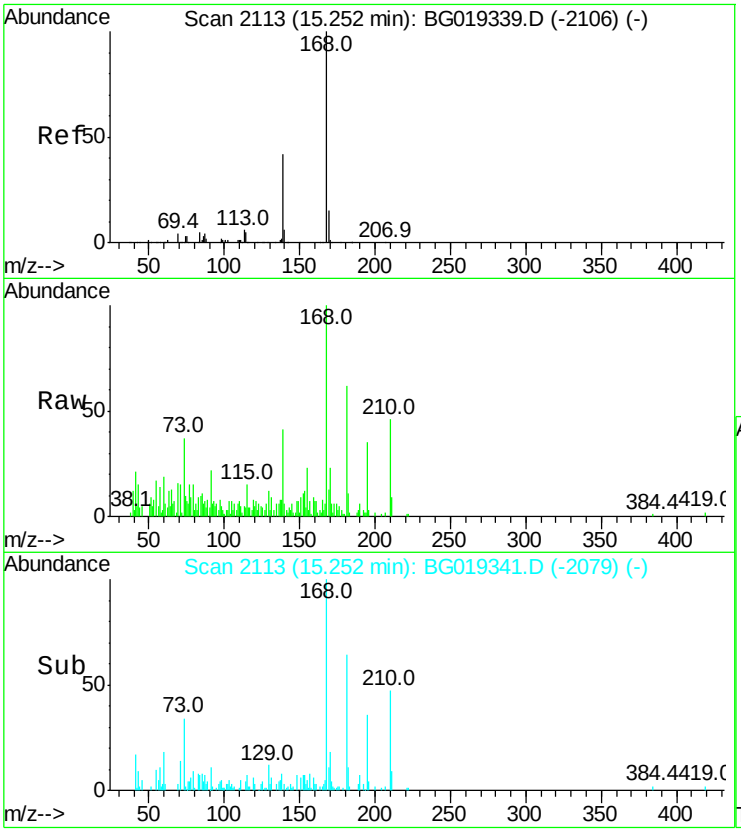


#53
4-Nitrophenol
Concen: 5.84 ng/ul m
RT: 15.04 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:109 Resp: 18898

Ion	Ratio	Lower	Upper
109	100		
139	69.8	41.5	62.3#
65	100.8	73.7	110.5





#54
Dibenzofuran
Concen: 1.26 ng/ul
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:168 Resp: 17332

Ion	Ratio	Lower	Upper
168	100		
139	41.0	32.4	48.6

Instrument :
BNA_G
ClientSampleId :
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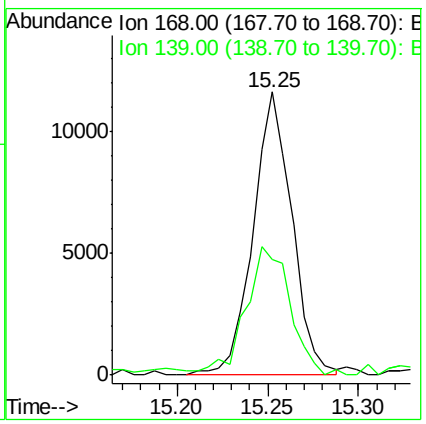
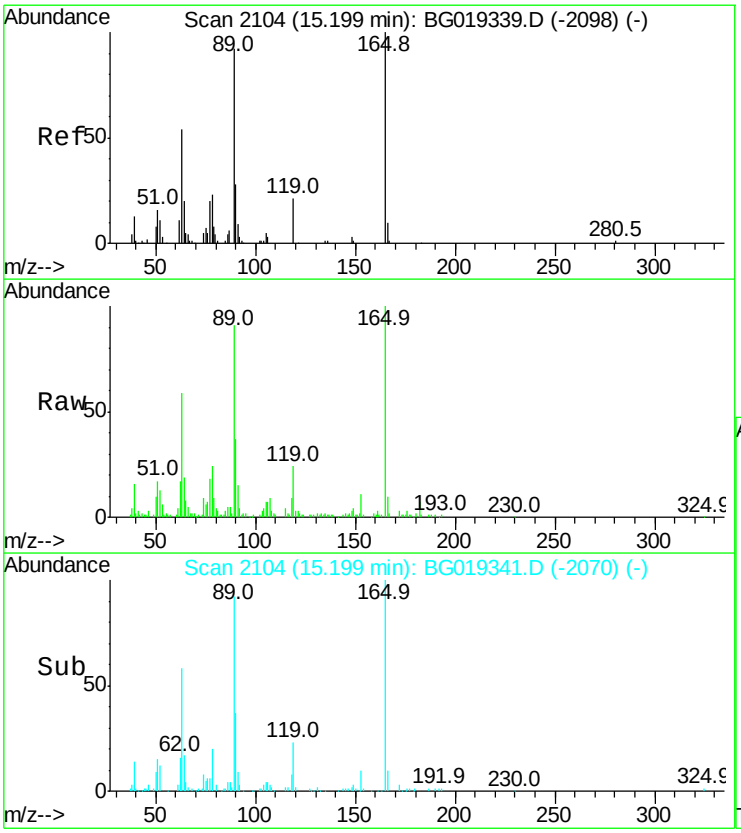
10/26/2015 7:39:10 PM

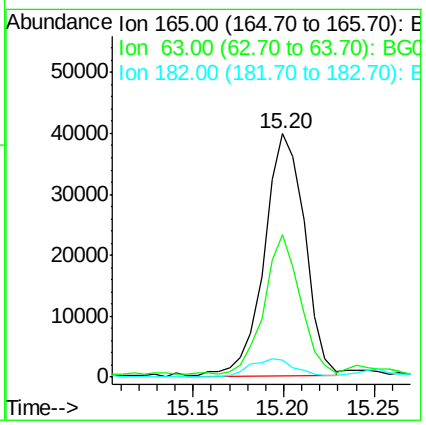


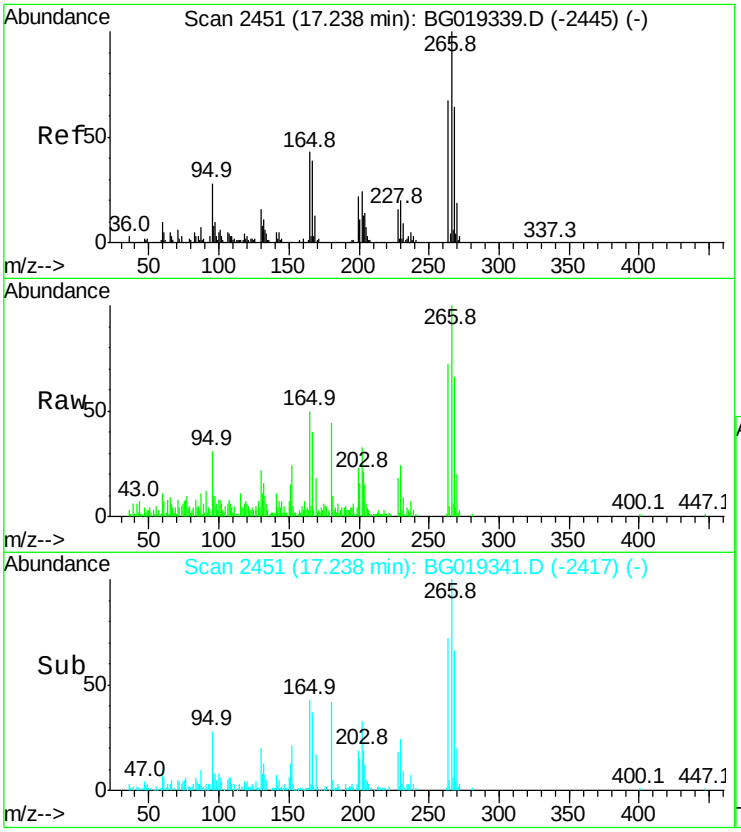


#55
2,4-Dinitrotoluene
Concen: 16.75 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:165 Resp: 62389

Ion	Ratio	Lower	Upper
165	100		
63	58.5	51.1	76.7
182	7.0	3.3	4.9#





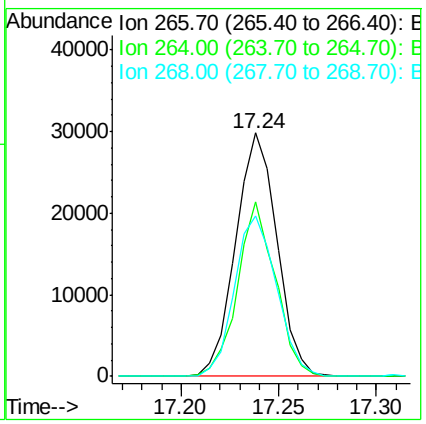
#69
Pentachlorophenol
Concen: 12.71 ng/ul
RT: 17.24 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

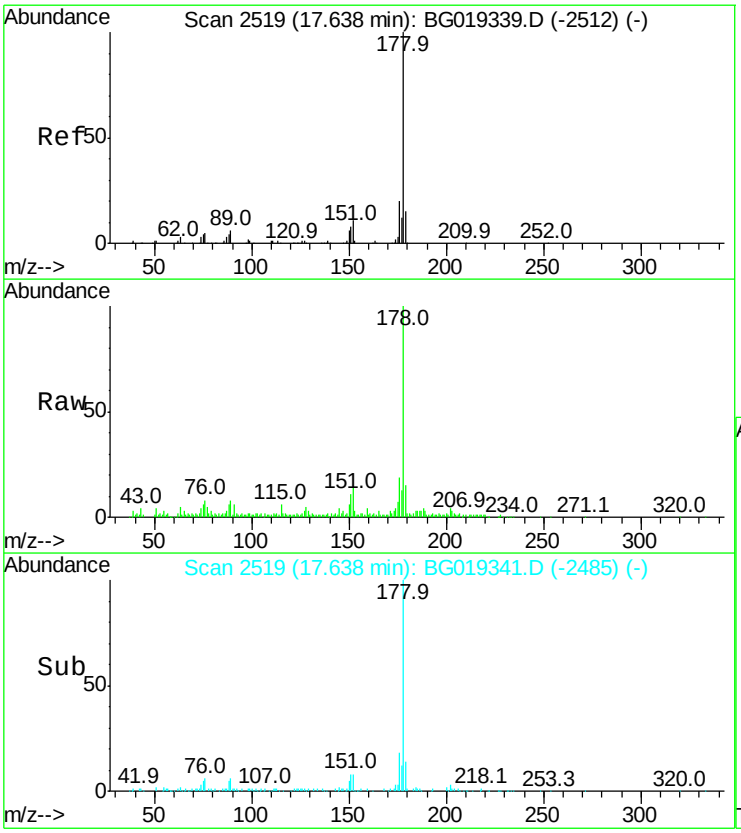
Tgt Ion:266 Resp: 43552

Ion	Ratio	Lower	Upper
266	100		
264	76.7	49.5	74.3#
268	70.1	48.7	73.1

Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:39:10 PM

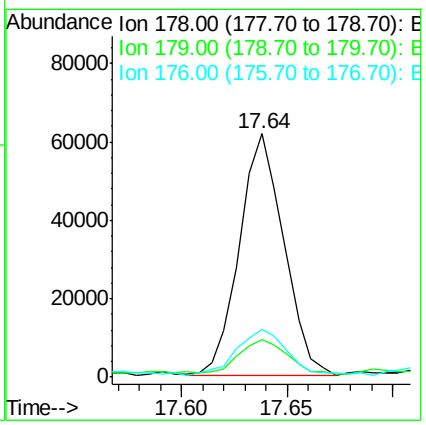


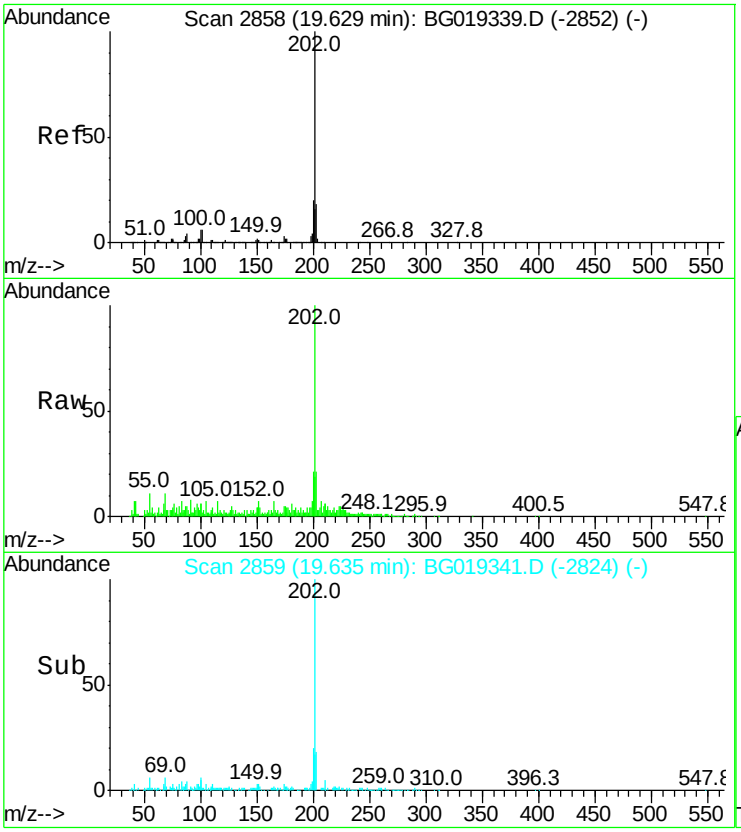


#70
Phenanthrene
Concen: 4.75 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:178 Resp: 89921

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.5	14.3	21.5

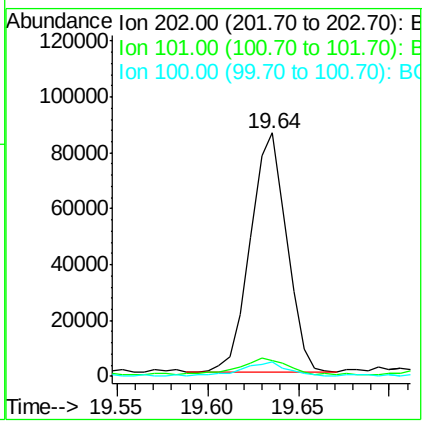




#77
Fluoranthene
Concen: 4.72 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:202 Resp: 119793

Ion	Ratio	Lower	Upper
202	100		
101	6.4	4.0	6.0#
100	6.1	3.6	5.4#



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

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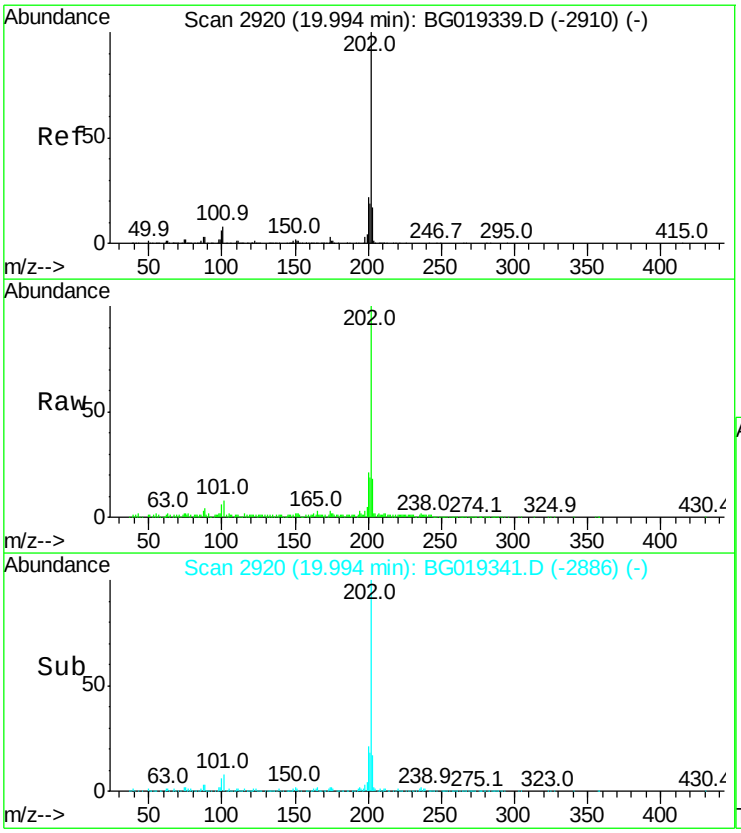
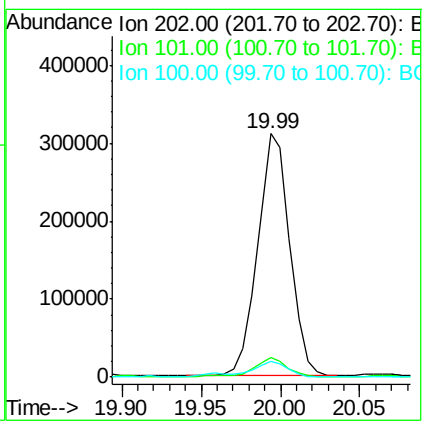
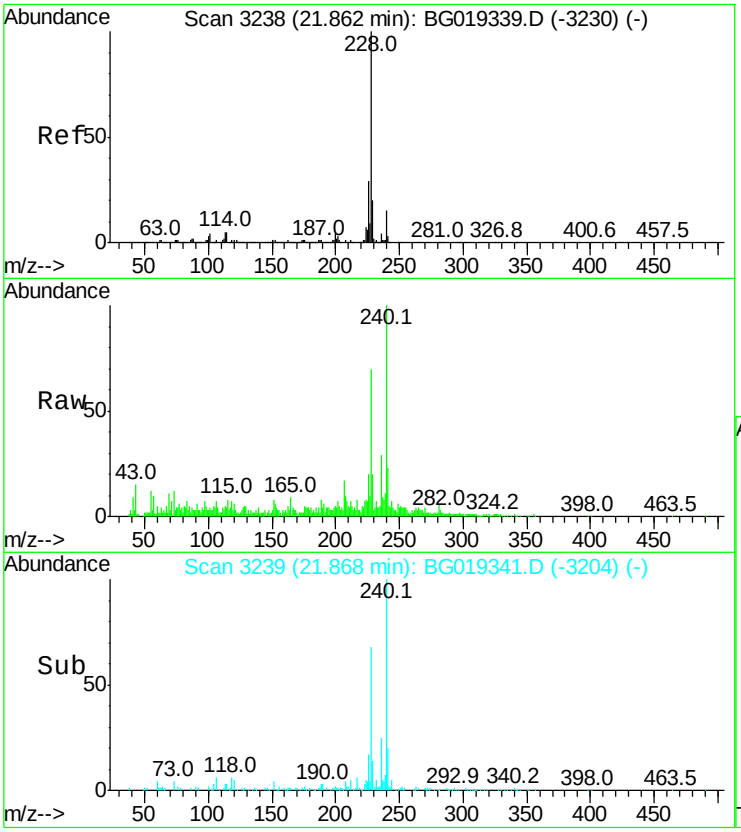


#80
Pyrene
Concen: 16.93 ng/ul
RT: 19.99 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:202 Resp: 437777

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.3	6.5#
100	6.3	3.6	5.4#

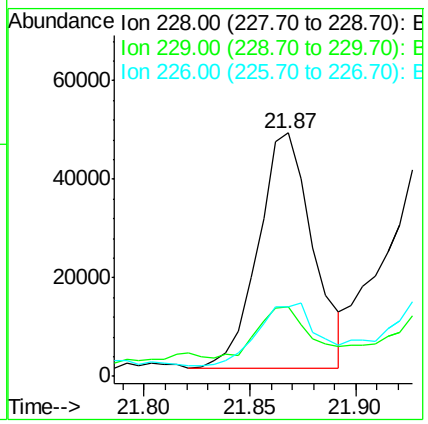




#83
Benzo(a)anthracene
Concen: 3.21 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

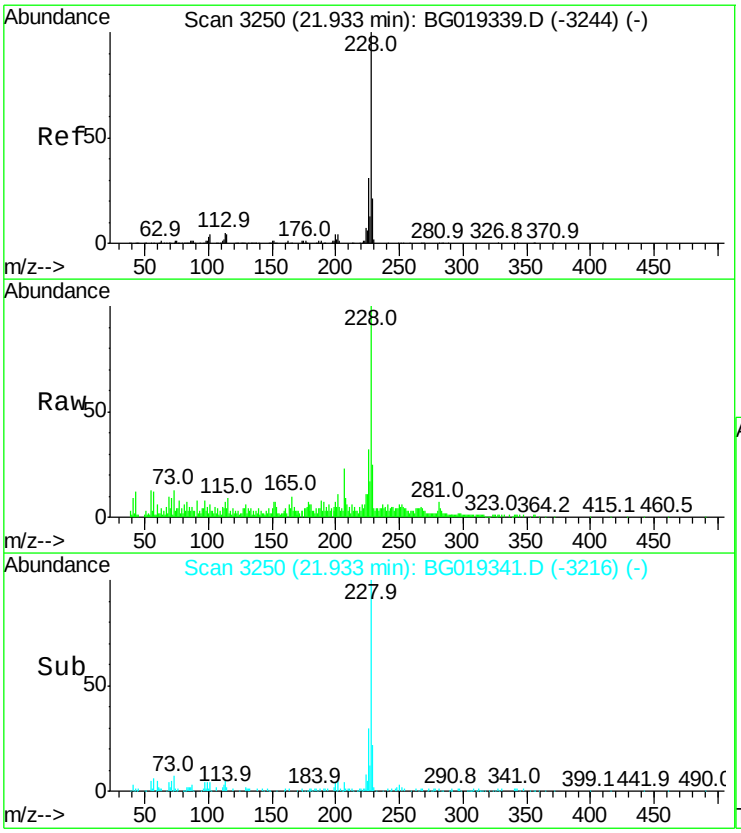
Tgt Ion:228 Resp: 85813

Ion	Ratio	Lower	Upper
228	100		
229	28.3	15.8	23.8#
226	28.6	21.8	32.6



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

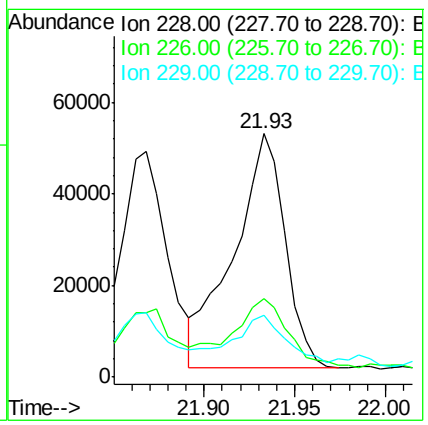
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:39:10 PM

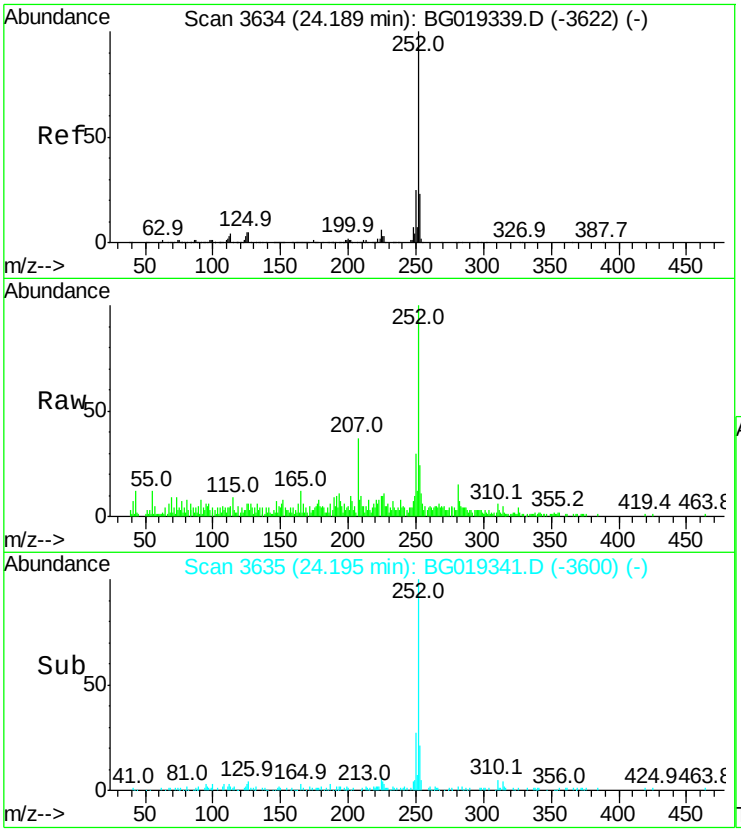


#85
Chrysene
Concen: 4.10 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:228 Resp: 100778

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	36.8
229	25.3	17.3	25.9

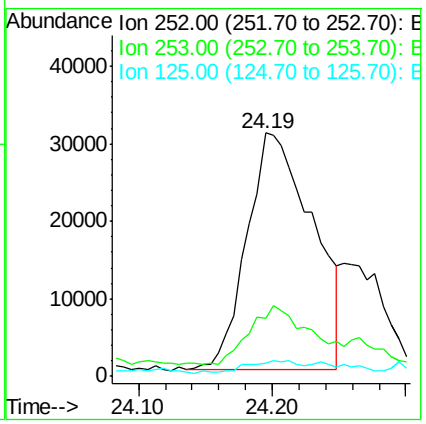




#88
Benzo(b)fluoranthene
Concen: 3.87 ng/ul
RT: 24.19 min Scan# 3635
Delta R.T. 0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:252 Resp: 104050

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	5.5	2.5	3.7#



Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
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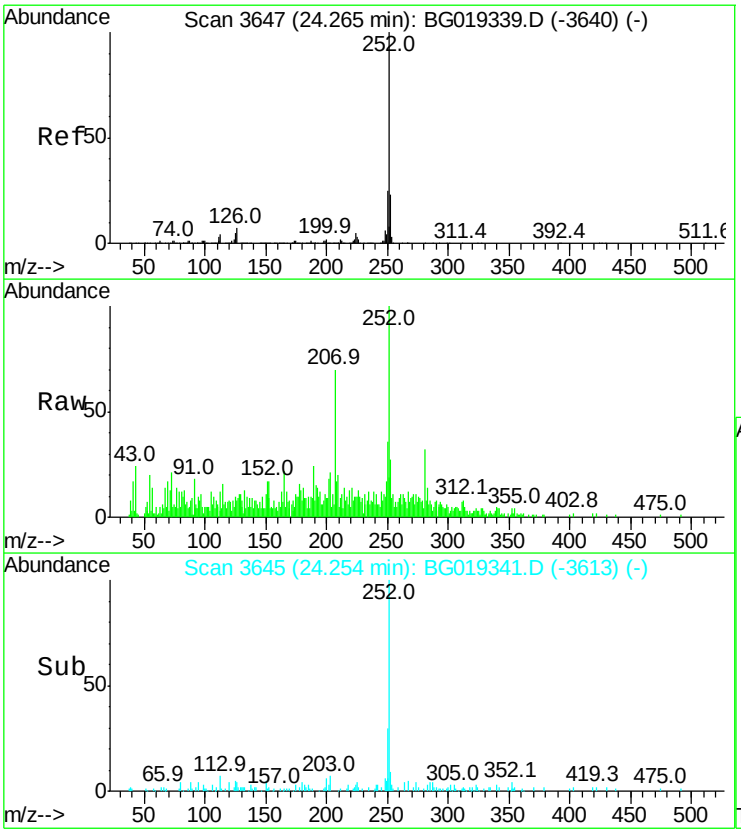
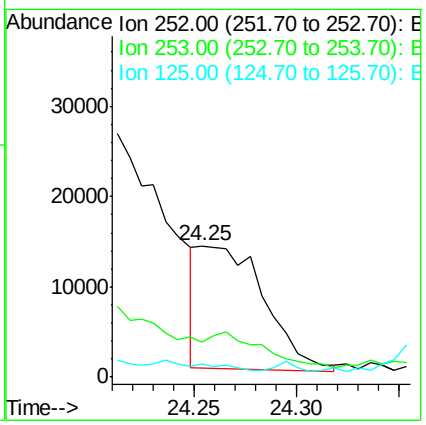
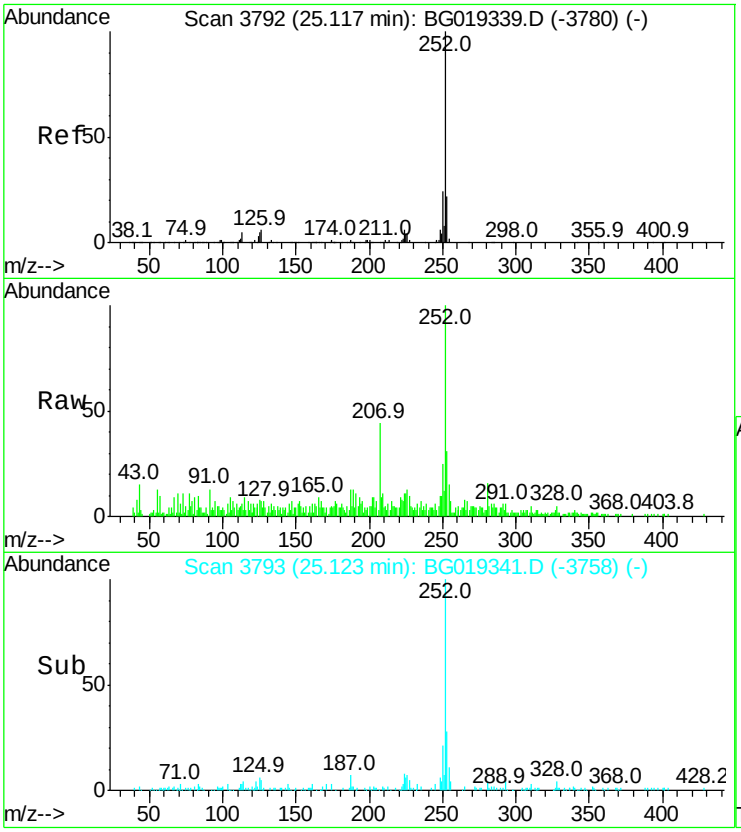


#89
Benzo(k)fluoranthene
Concen: 1.20 ng/ul m
RT: 24.25 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:252 Resp: 30744

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8#
125	10.2	3.1	4.7#





#91
Benzo(a)pyrene
Concen: 2.75 ng/ul
RT: 25.12 min Scan# 3793
Delta R.T. 0.01 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:252 Resp: 68568

Ion	Ratio	Lower	Upper
252	100		
253	31.3	16.0	24.0#
125	8.3	3.3	4.9#

Instrument :
BNA_G
ClientSampleId :
E5LR8MS

Manual Integrations APPROVED
MmDadoda
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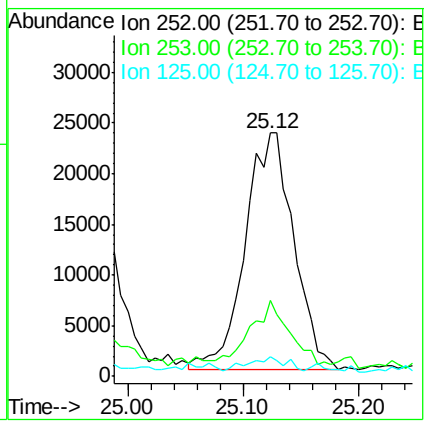

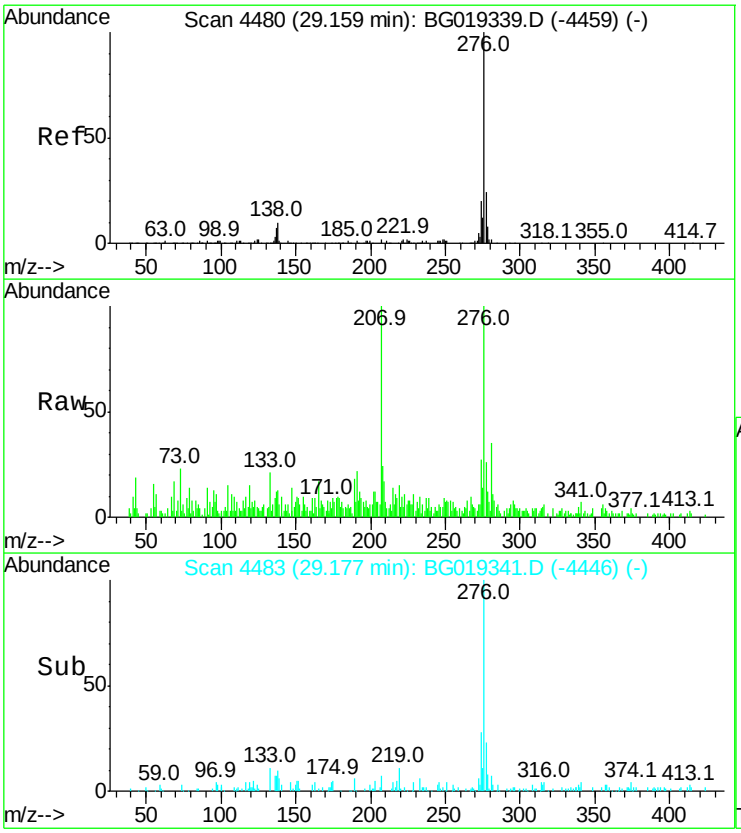

#92
Indeno(1,2,3-cd)pyrene
Concen: 1.57 ng/ul
RT: 29.18 min Scan# 4483
Delta R.T. 0.02 min
Lab File: BG019341.D
Acq: 24 Oct 2015 18:29

Tgt Ion:276 Resp: 44216

Ion	Ratio	Lower	Upper
276	100		
138	18.9	6.2	9.4#
277	25.6	17.9	26.9