

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\
 Data File : BG030749.D
 Acq On : 5 Nov 2017 21:52
 Operator : SJ/JU
 Sample : I6107-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0E74

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:20:02 PM

Quant Time: Nov 06 02:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:27:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	65955	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	292501	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	195859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.50	188	498236	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	572436	20.00	ng/ul	0.00
83) Perylene-d12	25.08	264	593388	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	7538	4.65	ng/uL	0.00
5) Phenol-d5	7.31	99	137696	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	82637	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	115862	25.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	106480	20.83	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	53205	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	64118	29.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	120351	24.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	112661	19.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	414116	24.73	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	516557	25.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	67484	21.83	ng/ul	0.00
57) Fluorene-d10	15.75	176	395020	28.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	72499	29.81	ng/ul	0.00
70) Anthracene-d10	17.60	188	653114	27.72	ng/ul	0.00
76) Pyrene-d10	19.88	212	811730	27.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.85	264	814857	28.99	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.33	94	23682	3.615 ng/ul	94
44) Dimethylphthalate	14.21	163	348000	21.307 ng/ul	99
69) Phenanthrene	17.54	178	228863	8.497 ng/ul	98
71) Anthracene	17.64	178	43744	1.574 ng/ul	94
72) Carbazole	17.90	167	30349	1.215 ng/ul#	93
74) Fluoranthene	19.55	202	481237	15.987 ng/ul	99
77) Pyrene	19.91	202	423765	11.046 ng/ul	99
80) Benzo(a)anthracene	21.76	228	238295	6.642 ng/ul	99
82) Chrysene	21.82	228	247203	7.584 ng/ul	97
85) Benzo(b)fluoranthene	24.03	252	331556	9.307 ng/ul	97
86) Benzo(k)fluoranthene	24.09	252	116470m	3.382 ng/ul	
88) Benzo(a)pyrene	24.92	252	223471	6.445 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.85	276	168657	4.299 ng/ul	99
90) Dibenzo(a,h)anthracene	28.89	278	45461	1.395 ng/ul#	89
91) Benzo(g,h,i)perylene	30.02	276	147664	4.541 ng/ul	97

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

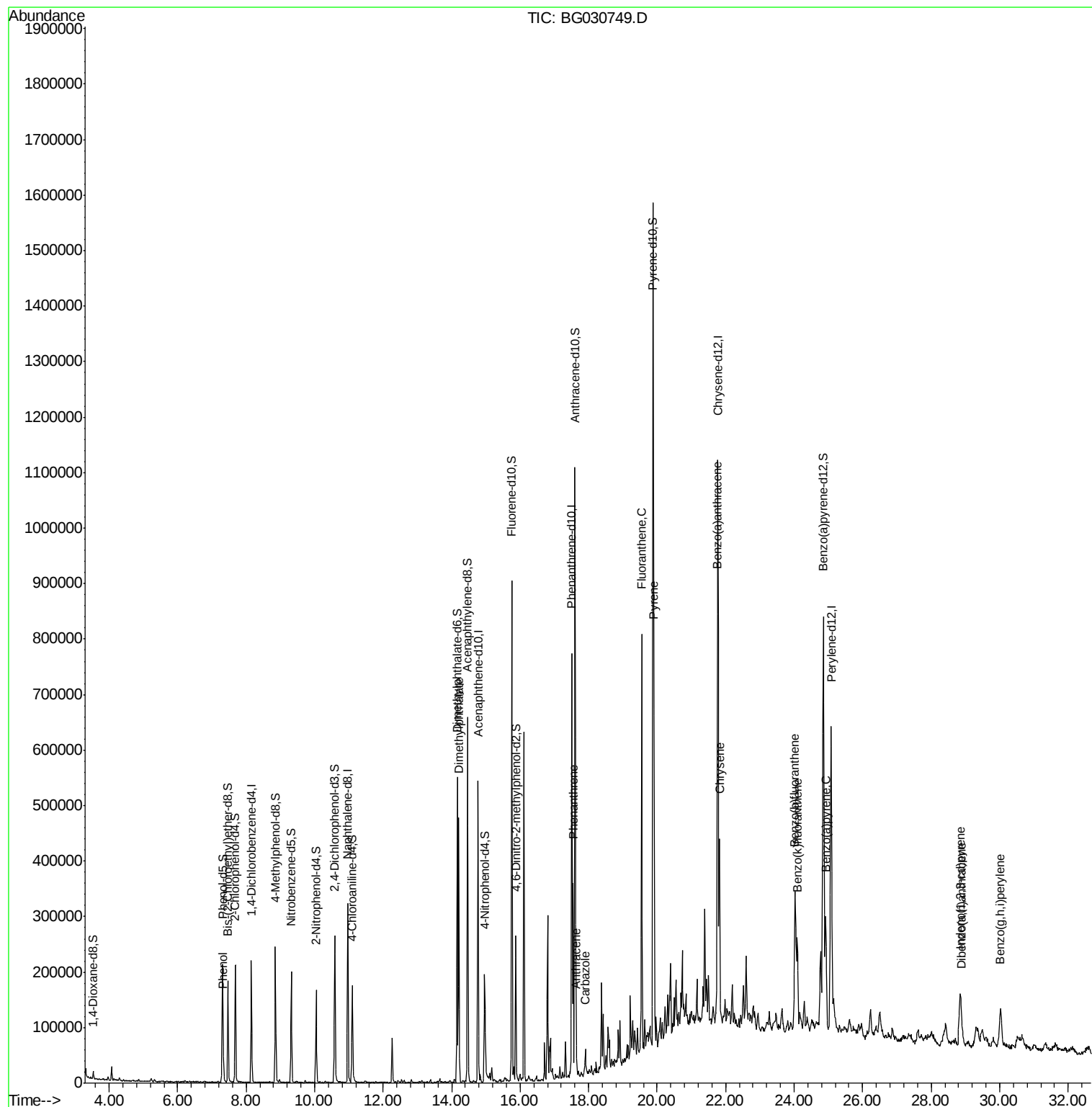
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030749.D
Acq On : 5 Nov 2017 21:52
Operator : SJ/JU
Sample : I6107-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

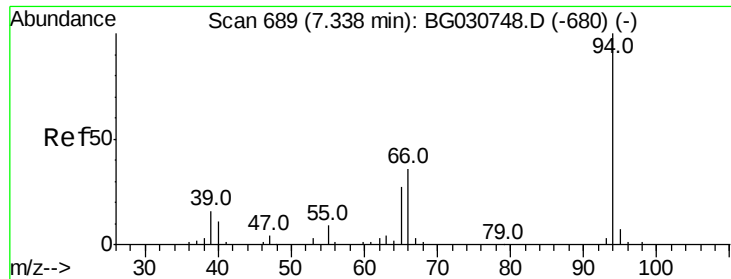
Instrument :
BNA_G
ClientSampleId :
B0E74

Manual Integrations
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11/6/2017 2:20:02 PM

Quant Time: Nov 06 02:17:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.615 ng/ul

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Instrument :

BNA_G

ClientSampleId :

B0E74

Tot Ion: 94 Resp: 23682

Ion Ratio Lower Upper

94 100

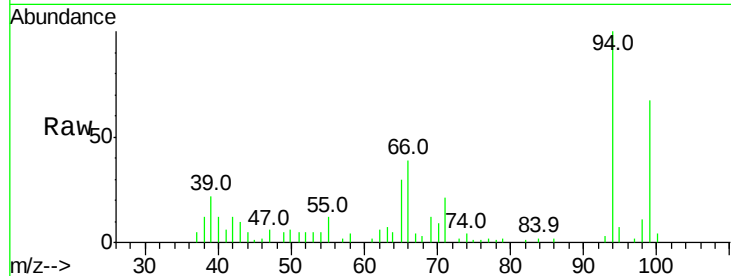
65 29.9 27.1 40.7

66 39.4 34.6 52.0

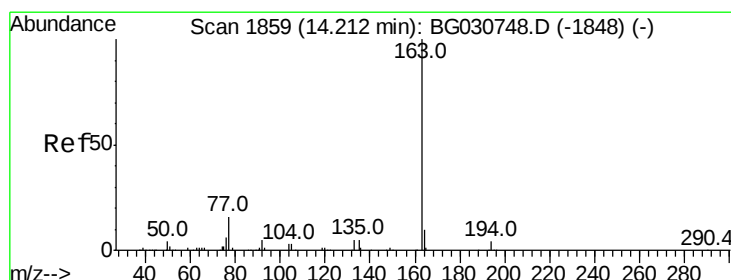
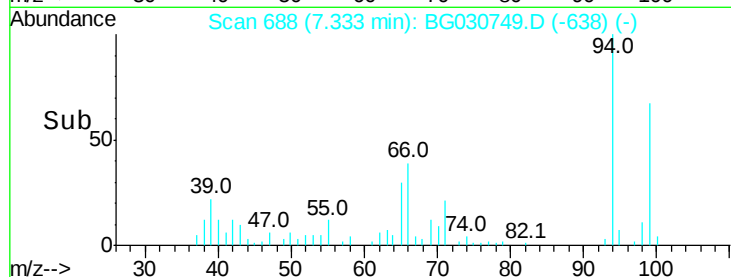
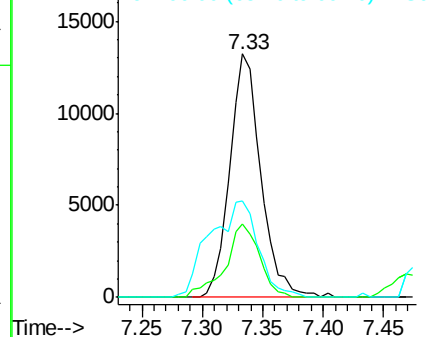
Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 21.307 ng/ul

RT: 14.21 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

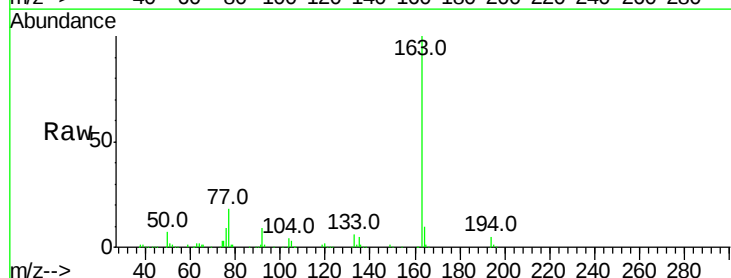
Tgt Ion: 163 Resp: 348000

Ion Ratio Lower Upper

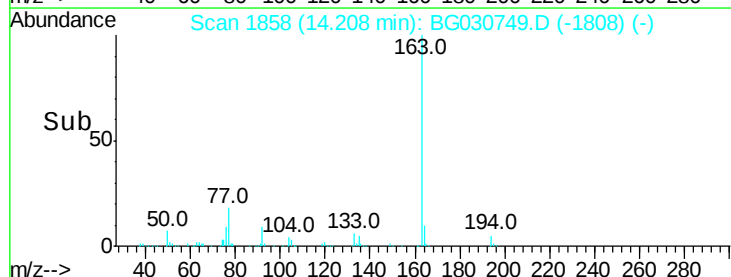
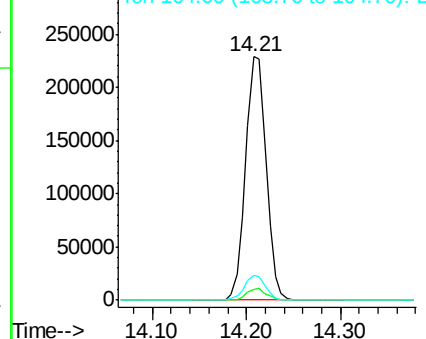
163 100

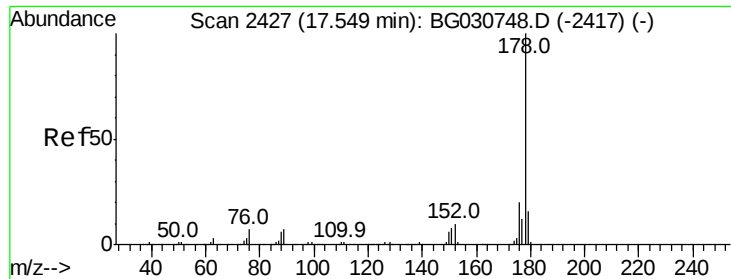
194 4.5 3.5 5.3

164 10.2 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 8.497 ng/ul

RT: 17.54 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Instrument :

BNA_G

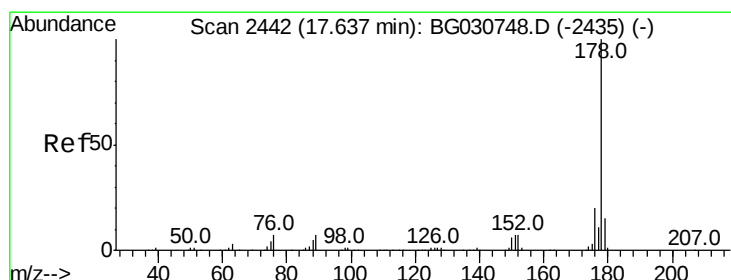
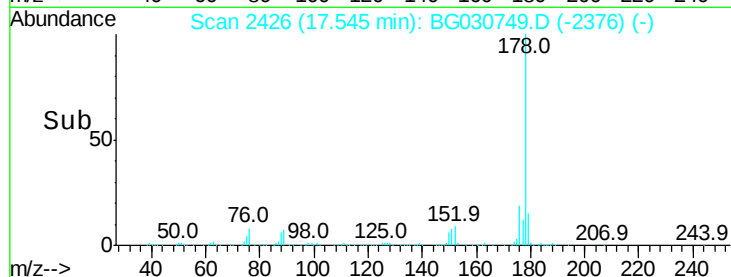
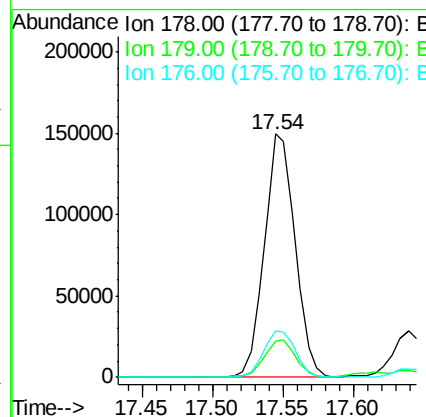
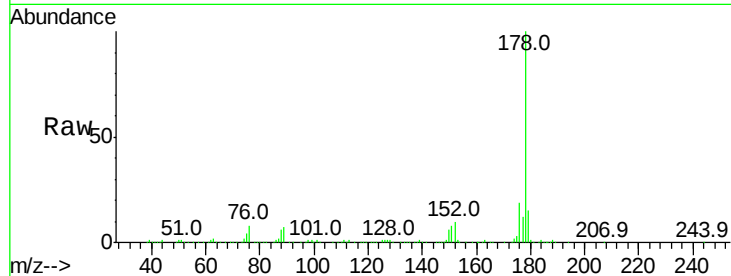
ClientSampleId :

B0E74

Tot Ion:	178	Resp:	228863
Ion Ratio	Lower	Upper	
178	100		
179	14.7	13.0	19.6
176	19.2	15.3	22.9

Manual Integrations
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#71

Anthracene

Concen: 1.574 ng/ul

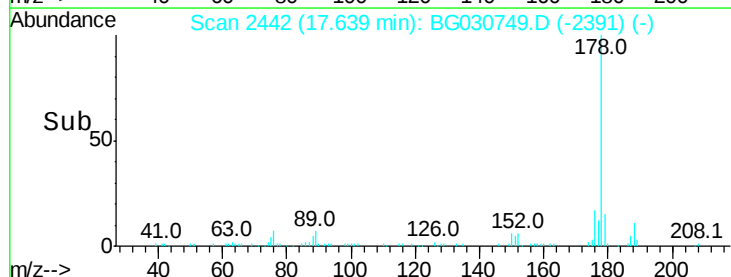
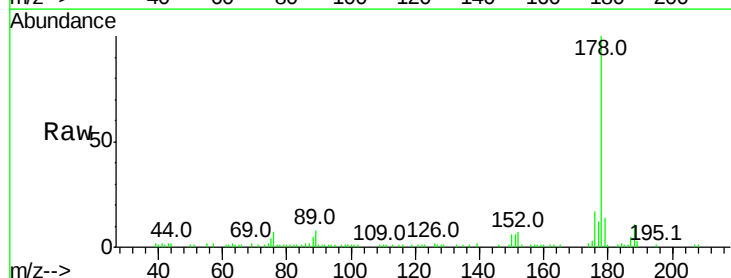
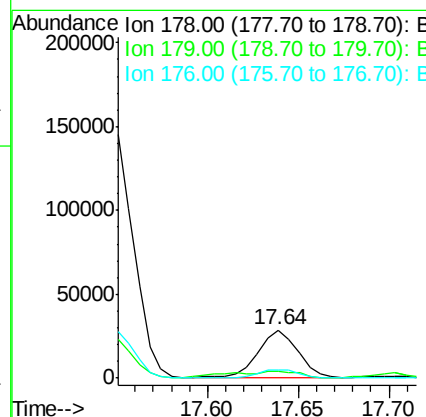
RT: 17.64 min Scan# 2442

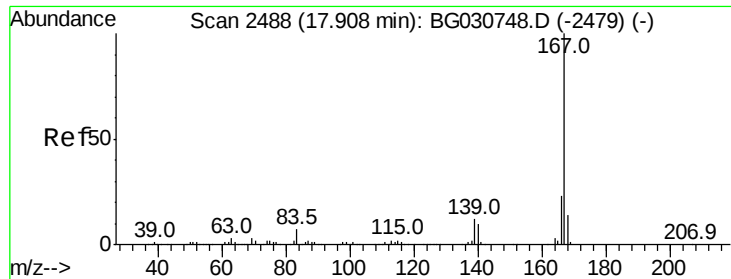
Delta R.T. 0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Tgt Ion:	178	Resp:	43744
Ion Ratio	Lower	Upper	
178	100		
179	14.4	13.2	19.8
176	17.1	16.0	24.0





#72

Carbazole

Concen: 1.215 ng/ul

RT: 17.90 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Instrument :

BNA_G

ClientSampleId :

B0E74

Tot Ion:167 Resp: 30349

Ion Ratio Lower Upper

167 100

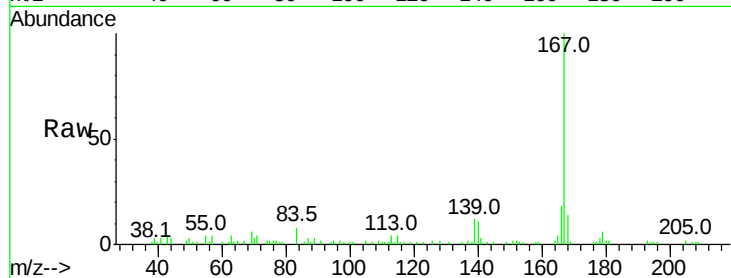
166 18.2 18.6 28.0#

139 12.5 10.6 16.0

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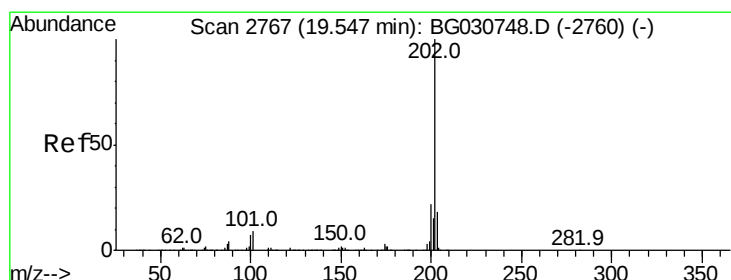
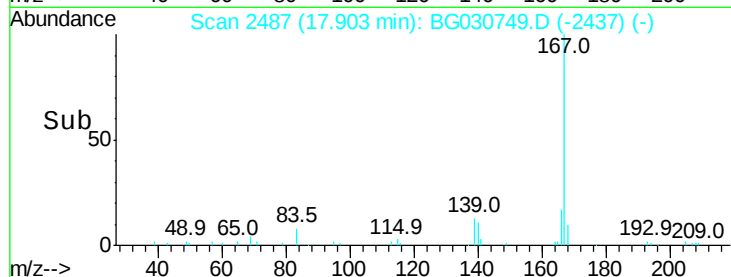
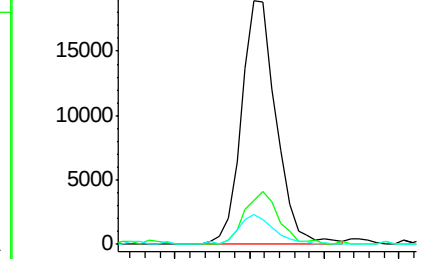
11/6/2017 2:20:02 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 15.987 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

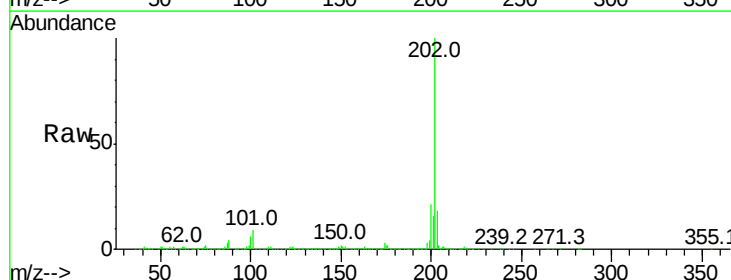
Tgt Ion:202 Resp: 481237

Ion Ratio Lower Upper

202 100

101 9.2 7.4 11.2

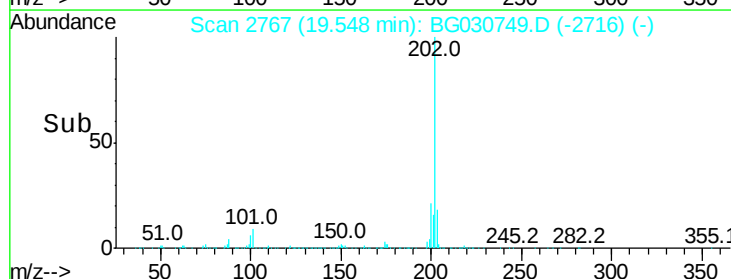
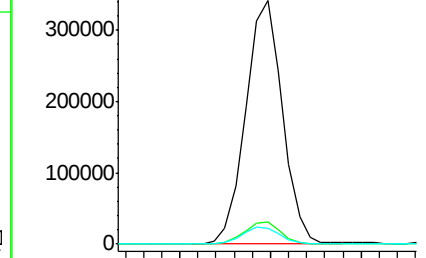
100 6.3 5.6 8.4

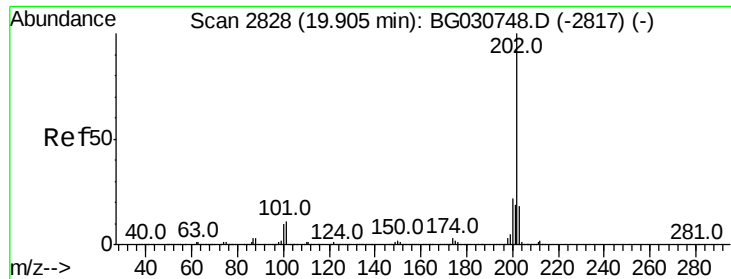


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





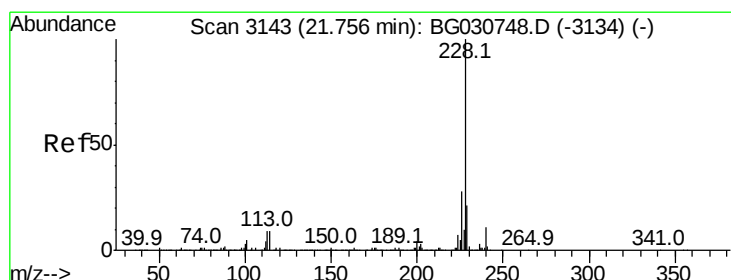
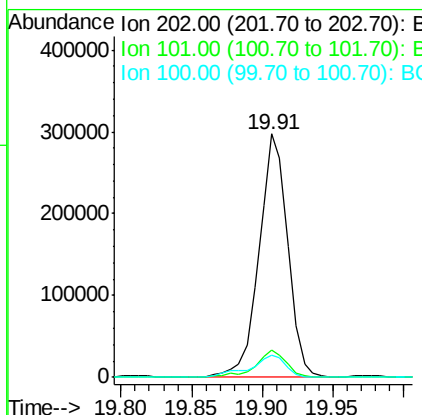
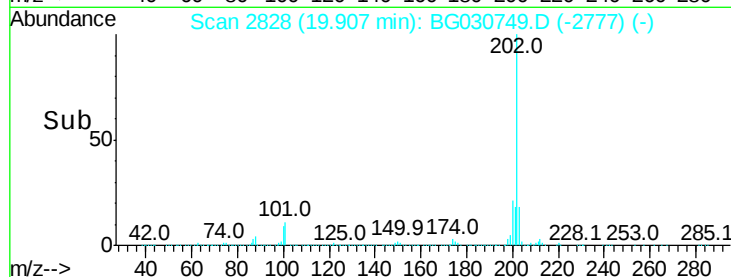
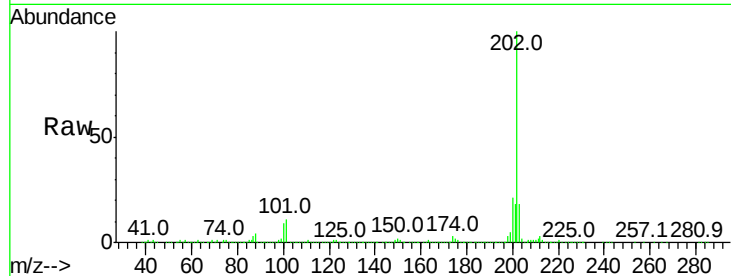
#77
Pvrene
Concen: 11.046 ng/ul
RT: 19.91 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG030749.D
Acq: 5 Nov 2017 21:52

Instrument :
BNA_G
ClientSampleId :
B0E74

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	8.4	12.6
100	9.0	7.0	10.6

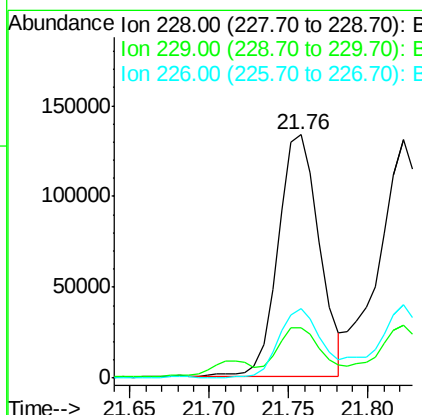
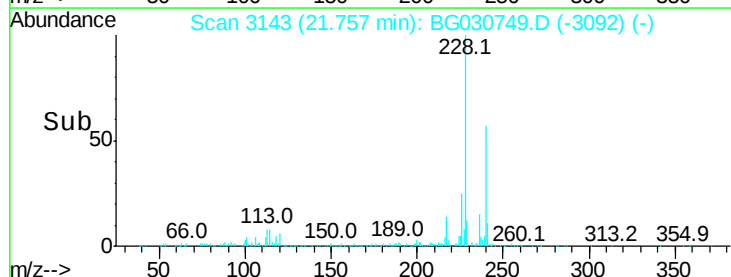
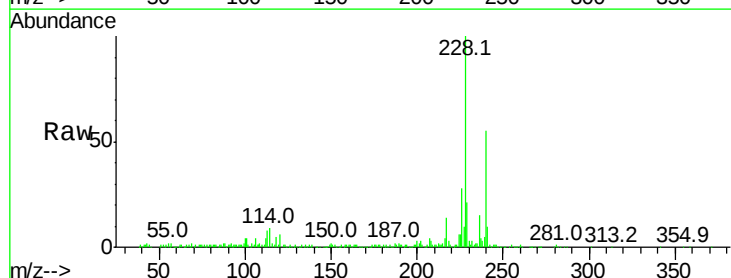
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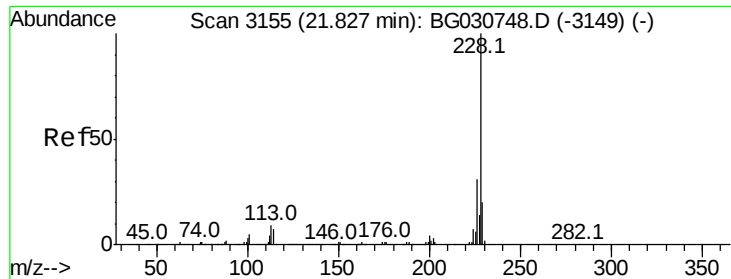
Sohil
11/6/2017 2:20:02 PM



#80
Benzo(a)anthracene
Concen: 6.642 ng/ul
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG030749.D
Acq: 5 Nov 2017 21:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	16.2	24.4
226	28.4	22.2	33.2





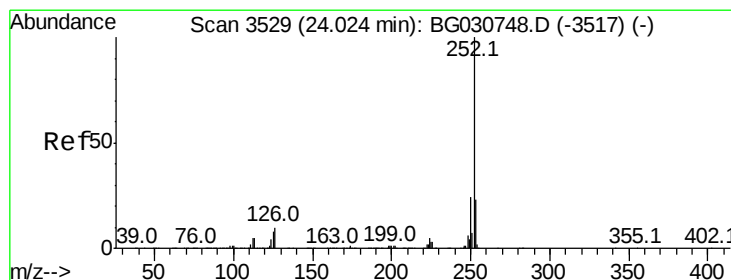
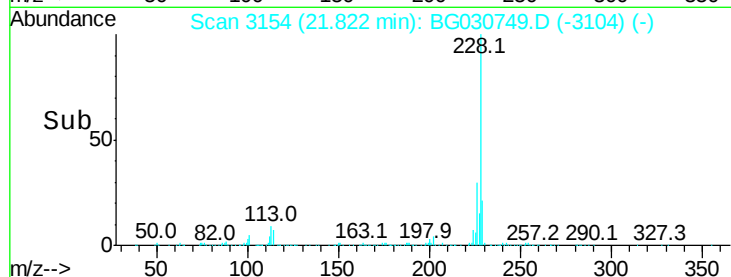
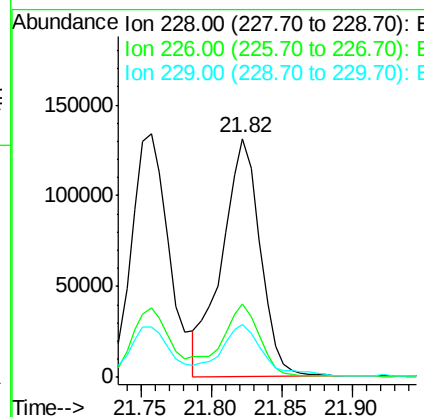
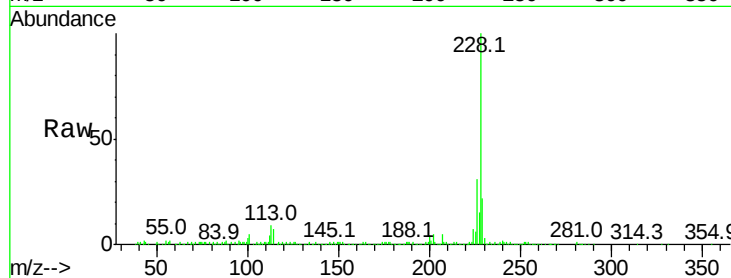
#82
Chrysene
Concen: 7.584 ng/ul
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG030749.D
Acq: 5 Nov 2017 21:52

Instrument :
BNA_G
ClientSampled :
B0E74

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	22.0	15.2	22.8

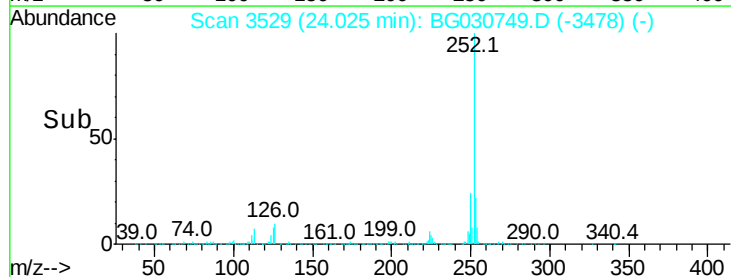
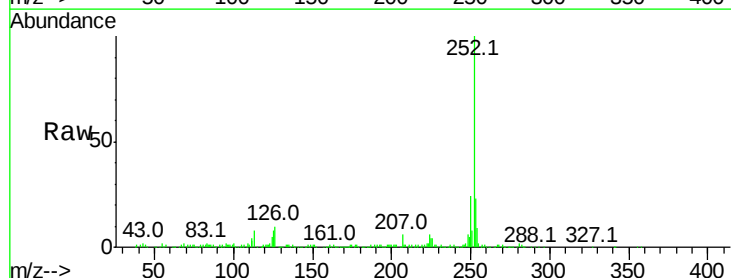
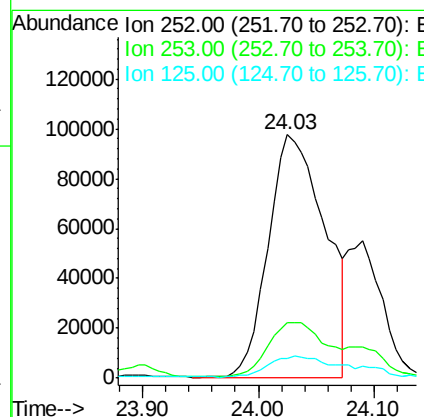
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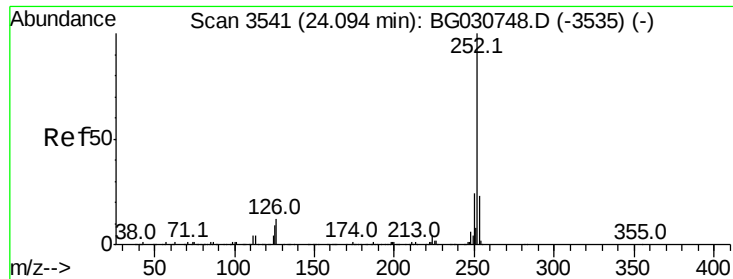
Sohil
11/6/2017 2:20:02 PM



#85
Benzo(b)fluoranthene
Concen: 9.307 ng/ul
RT: 24.03 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG030749.D
Acq: 5 Nov 2017 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	8.0	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 3.382 ng/ul

RT: 24.09 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Instrument :

BNA_G

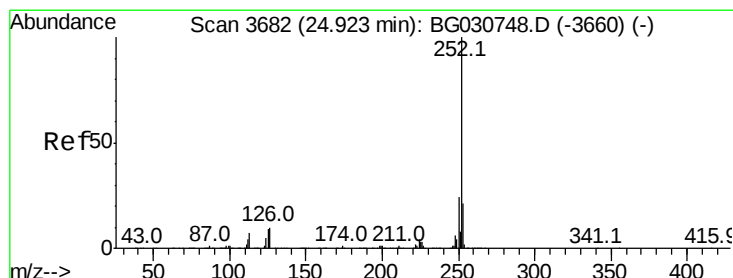
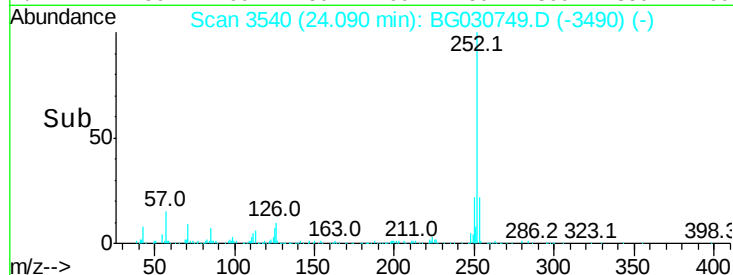
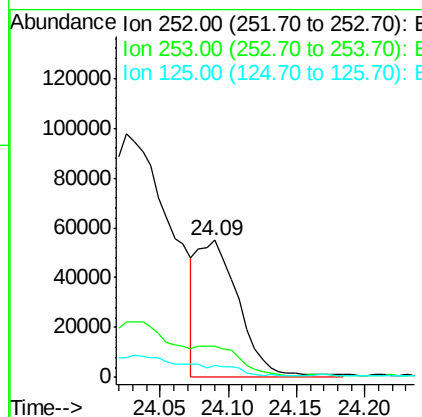
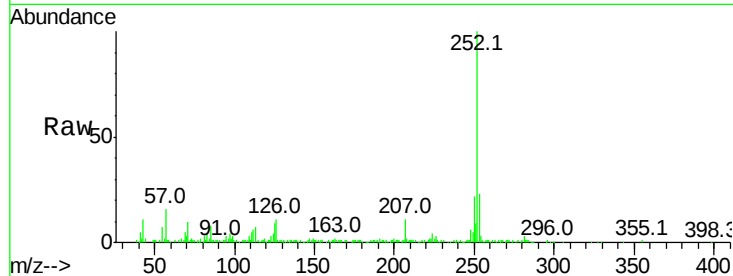
ClientSampled :

B0E74

Tot Ion:	252	Resp:	116470
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	8.6	7.8	11.8

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 6.445 ng/ul

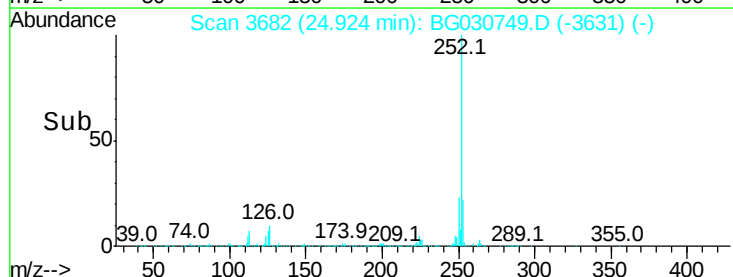
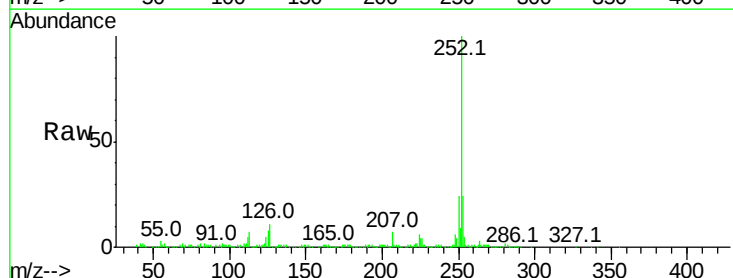
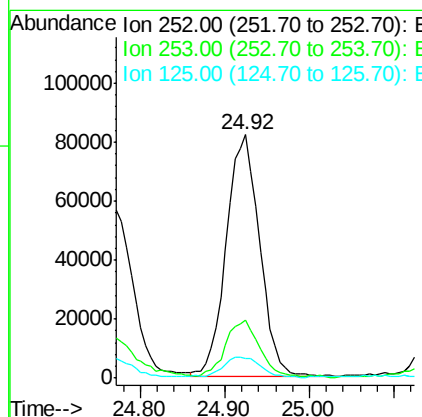
RT: 24.92 min Scan# 3682

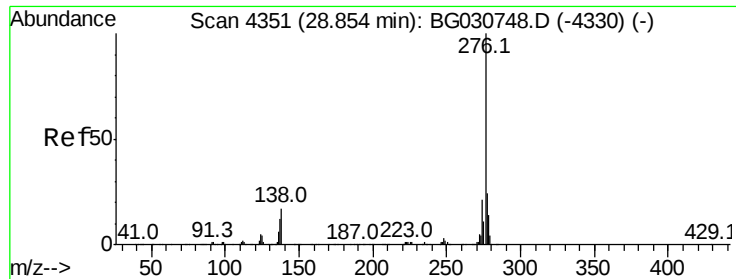
Delta R.T. 0.00 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Tgt Ion:	252	Resp:	223471
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	7.9	7.8	11.8





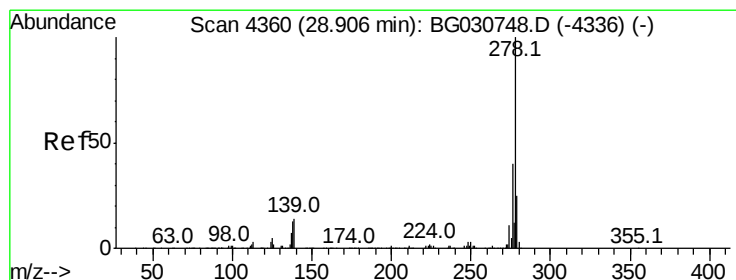
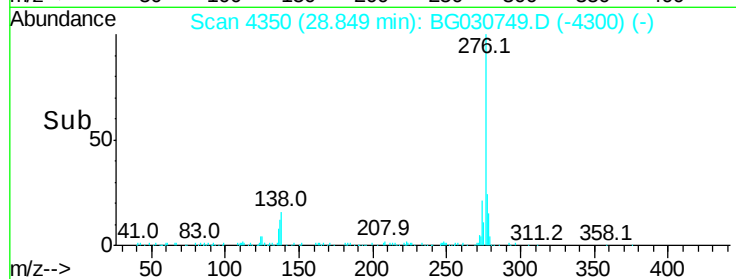
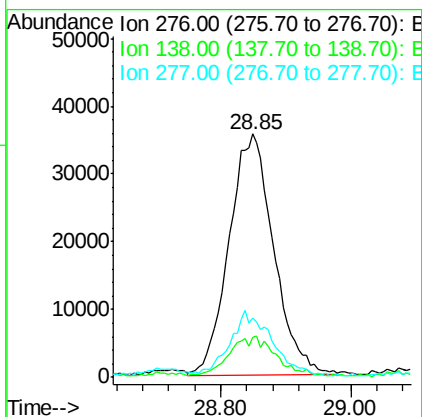
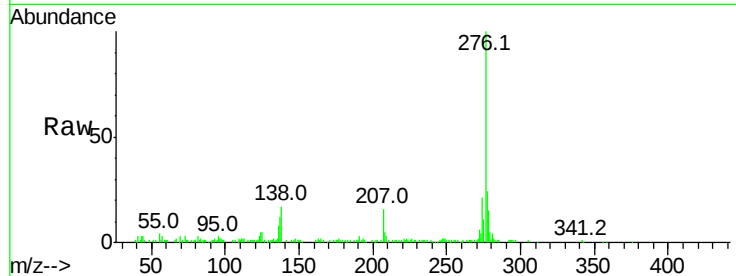
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.299 ng/ul
 RT: 28.85 min Scan# 4350
 Delta R.T. -0.00 min
 Lab File: BG030749.D
 Acq: 5 Nov 2017 21:52

Instrument :
 BNA_G
 ClientSampleId :
 B0E74

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.4	20.0
277	24.2	18.6	28.0

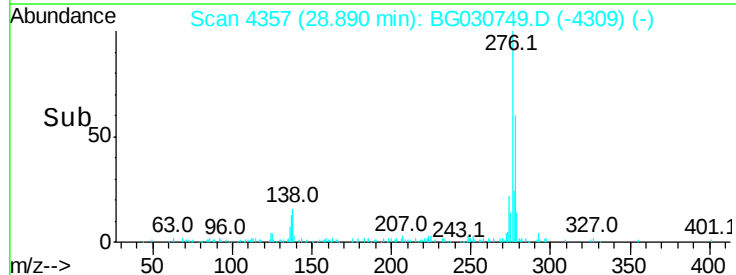
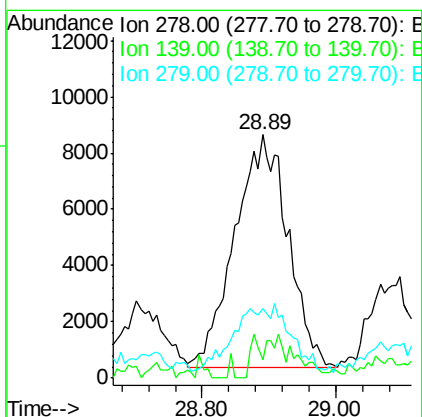
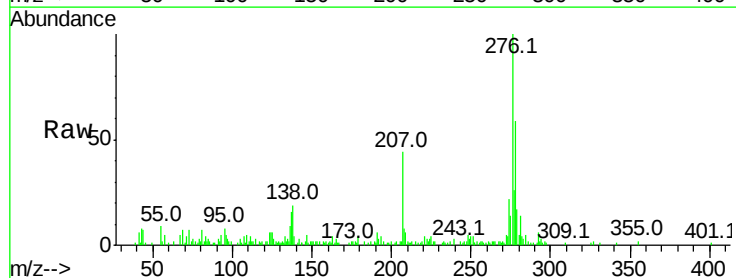
Manual Integrations
 APPROVED

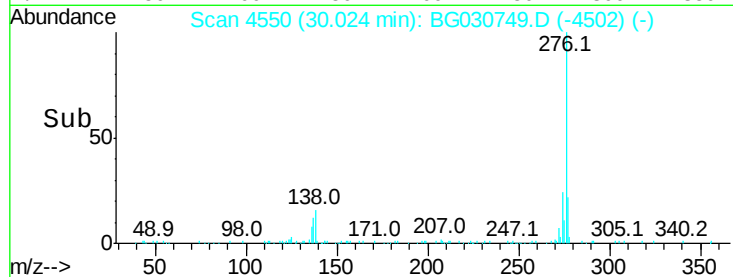
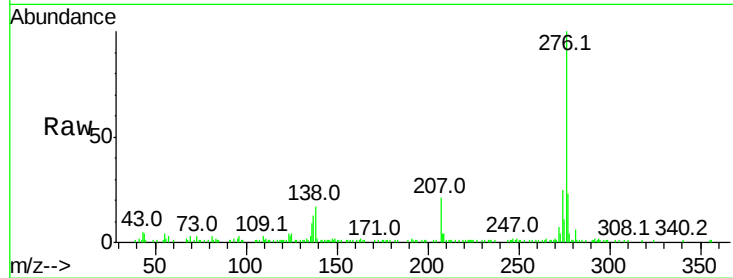
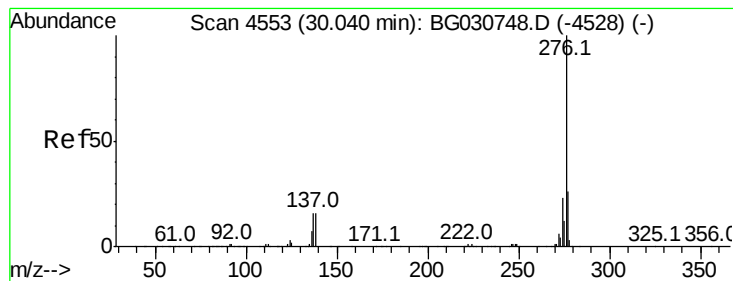
Sohil
 11/6/2017 2:20:02 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.395 ng/ul
 RT: 28.89 min Scan# 4357
 Delta R.T. -0.02 min
 Lab File: BG030749.D
 Acq: 5 Nov 2017 21:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.5	9.4	14.2#
279	28.3	18.4	27.6#





#91

Benzo(a,h,i)perylene

Concen: 4.541 ng/ul

RT: 30.02 min Scan# 4550

Delta R.T. -0.02 min

Lab File: BG030749.D

Acq: 5 Nov 2017 21:52

Instrument :

BNA_G

ClientSampleId :

B0E74

Tot Ion:	276	Resp:	147664
Ion Ratio		Lower	Upper
276	100		
138	16.9	12.1	18.1
277	22.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
11/6/2017 2:20:02 PM

