

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029222.D
 Acq On : 14 Oct 2017 11:29
 Operator : SJ/JU
 Sample : I5574-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C18

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:32:34 PM

Quant Time: Oct 15 00:33:27 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	99055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	430838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	260856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	598480	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	573486	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	564196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	12140	4.98	ng/uL	0.00
5) Phenol-d5	7.32	99	213439	22.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	150302	25.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	170998	25.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	150568	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	87899	28.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	92939	29.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	177251	24.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	186896	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	581223	26.06	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	719531	26.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	65735	15.97	ng/ul	0.00
57) Fluorene-d10	15.78	176	510972	27.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	62703	21.46	ng/ul	0.00
70) Anthracene-d10	17.62	188	757227	26.75	ng/ul	0.00
76) Pyrene-d10	19.90	212	768358	25.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	685528	25.65	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.34	94	45444	4.62	ng/ul#	88
44) Dimethylphthalate	14.23	163	233068	10.71	ng/ul	99
53) Dibenzofuran	15.18	168	31405	1.21	ng/ul	95
69) Phenanthrene	17.57	178	470703	14.55	ng/ul	98
71) Anthracene	17.66	178	72785	2.18	ng/ul	96
72) Carbazole	17.92	167	33291	1.11	ng/ul	99
74) Fluoranthene	19.56	202	621154	17.18	ng/ul#	91
77) Pyrene	19.92	202	527468	13.72	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	308062	8.57	ng/ul	97
82) Chrysene	21.84	228	325190m	9.96	ng/ul	
85) Benzo(b)fluoranthene	24.06	252	363046	10.72	ng/ul#	98
86) Benzo(k)fluoranthene	24.11	252	126792	3.87	ng/ul#	96
88) Benzo(a)pyrene	24.95	252	248630	7.54	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.88	276	158711	4.25	ng/ul#	84
90) Dibenzo(a,h)anthracene	28.92	278	46449	1.50	ng/ul#	90
91) Benzo(g,h,i)perylene	30.05	276	116956	3.78	ng/ul#	89

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

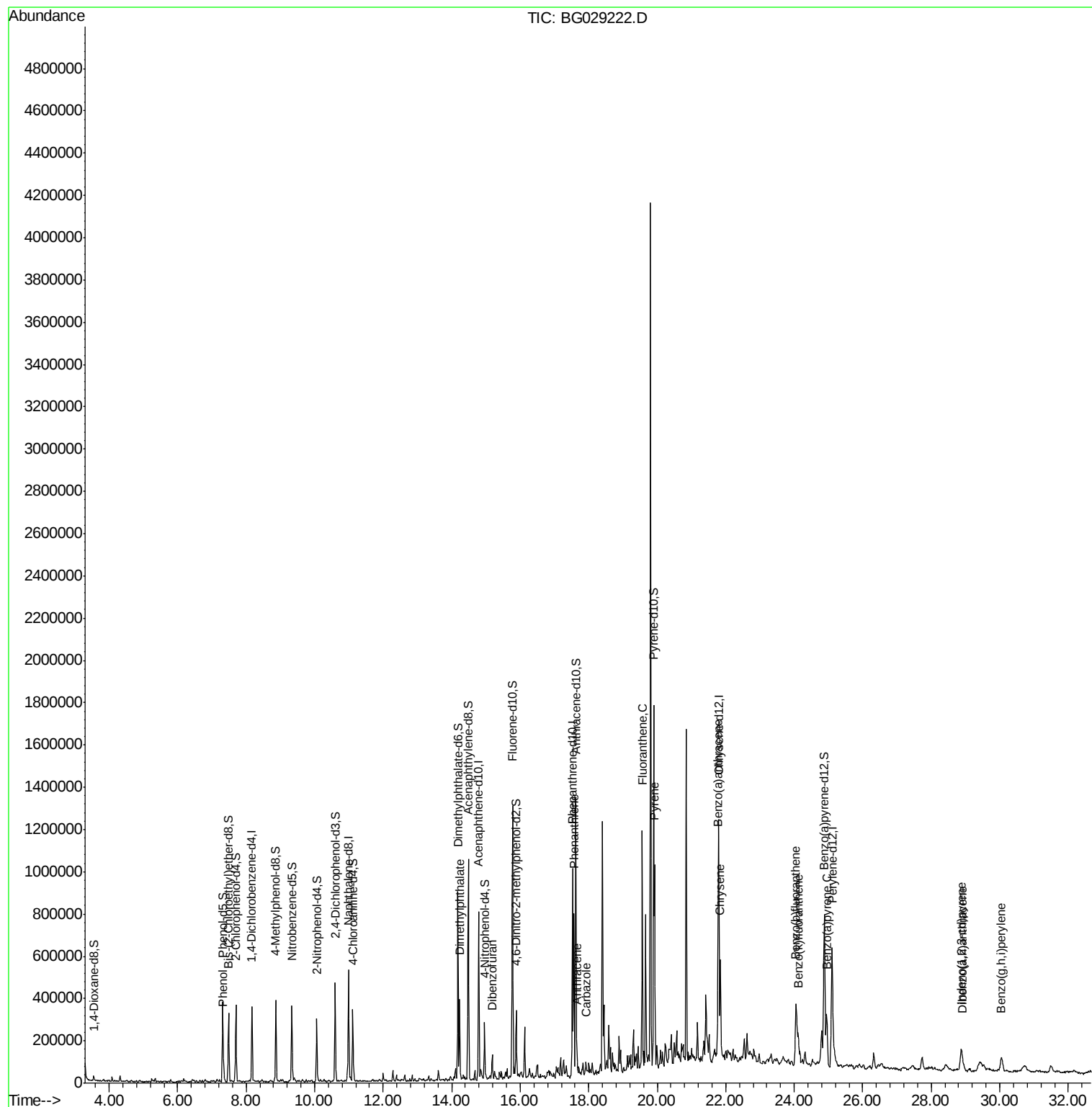
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029222.D
Acq On : 14 Oct 2017 11:29
Operator : SJ/JU
Sample : I5574-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

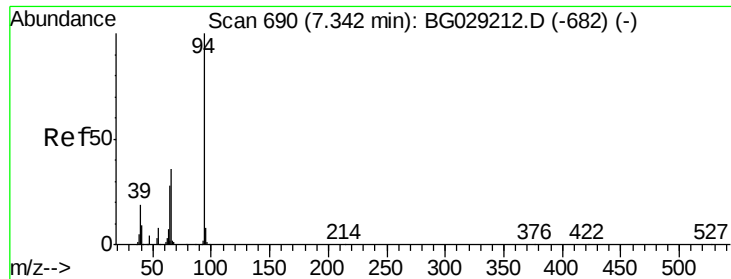
Instrument :
BNA_G
ClientSampleId :
B0C18

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Quant Time: Oct 15 00:33:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.62 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

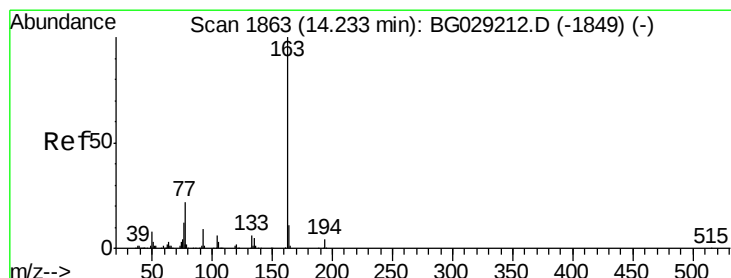
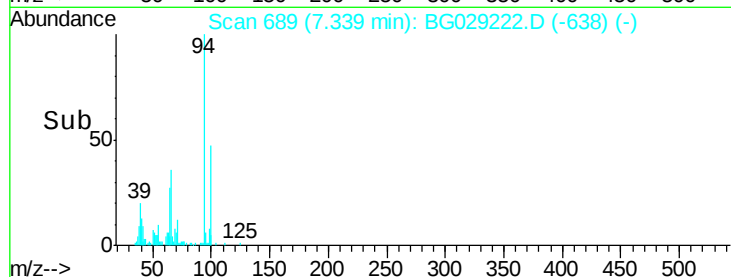
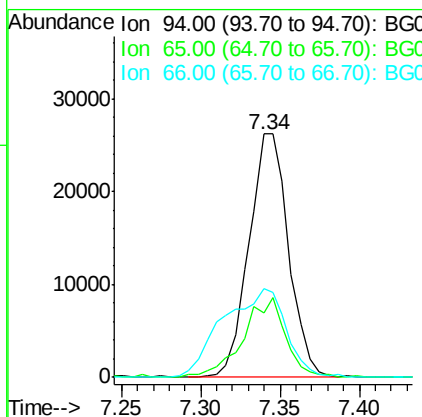
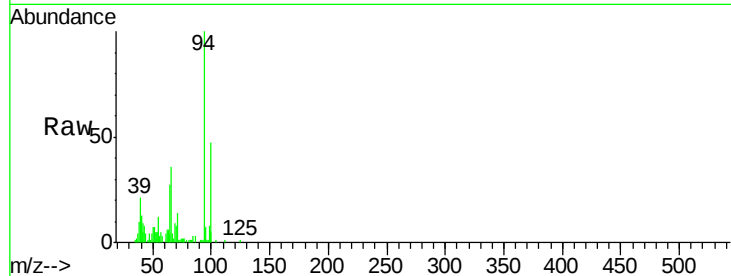
ClientSampleId :

B0C18

Tgt Ion:	94	Resp:	45444
Ion Ratio	Lower	Upper	
94	100		
65	26.6	27.1	40.7#
66	36.3	34.6	52.0

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#44

Dimethylphthalate

Concen: 10.71 ng/ul

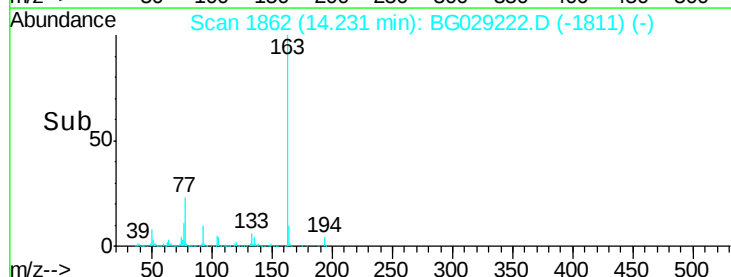
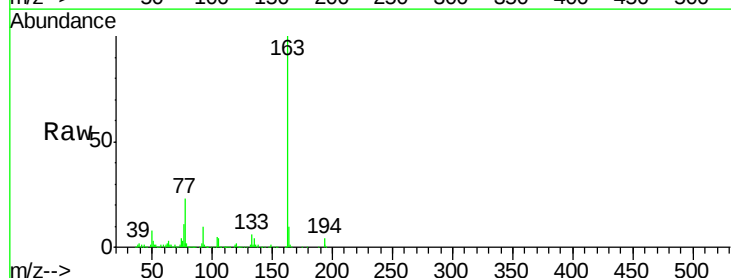
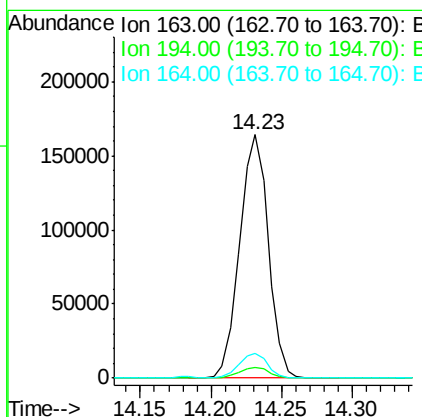
RT: 14.23 min Scan# 1862

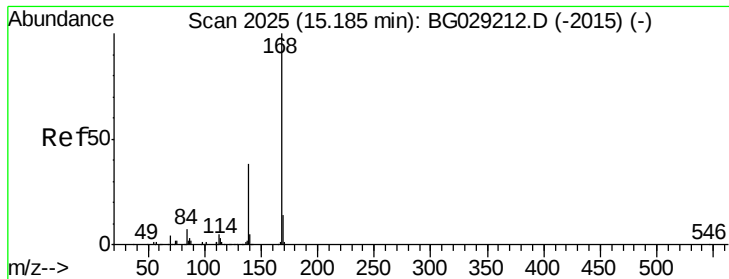
Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Tgt Ion:	163	Resp:	233068
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	10.0	7.6	11.4





#53

Dibenzenofuran

Concen: 1.21 ng/ul

RT: 15.18 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

ClientSampleId :

B0C18

Tgt Ion:168 Resp: 31405

Ion Ratio Lower Upper

168 100

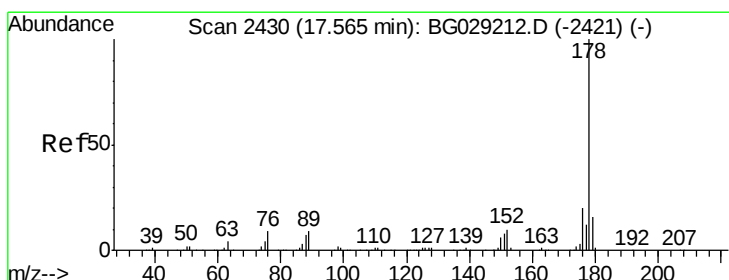
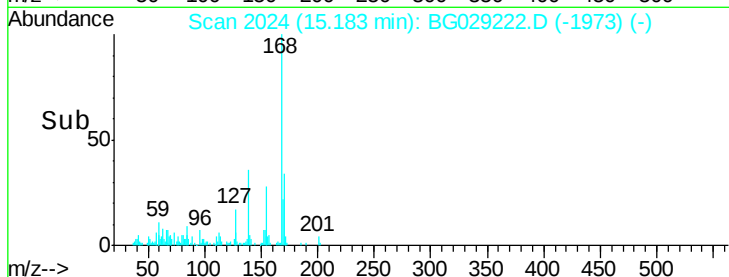
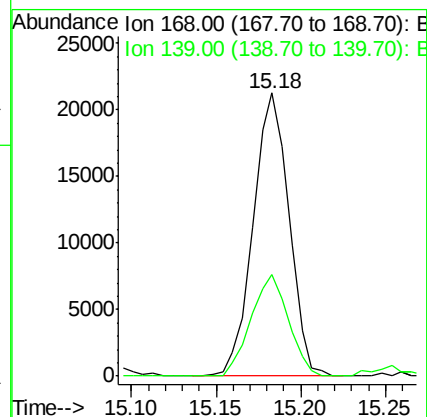
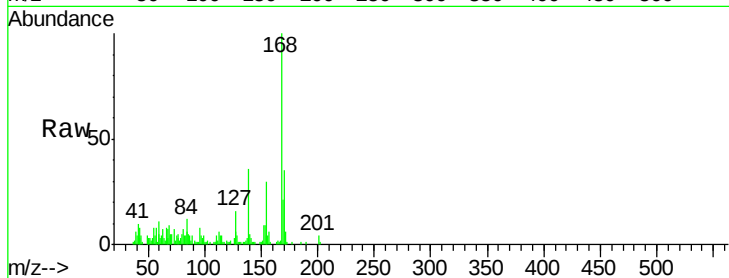
139 36.1 31.4 47.2

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#69

Phenanthrene

Concen: 14.55 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

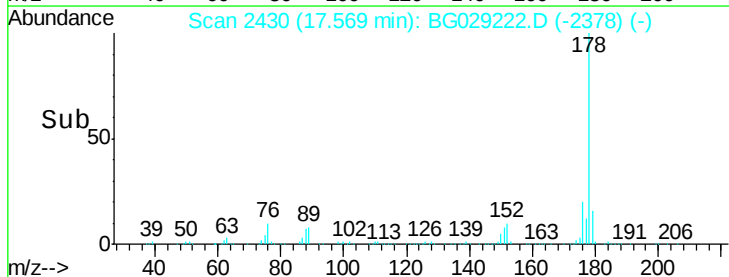
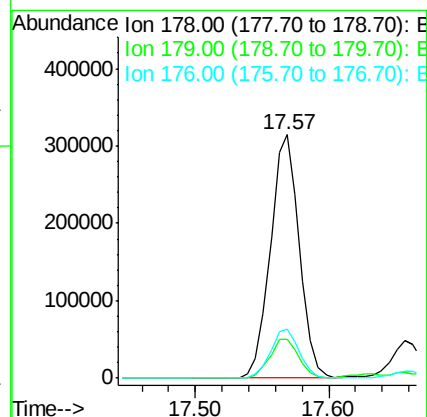
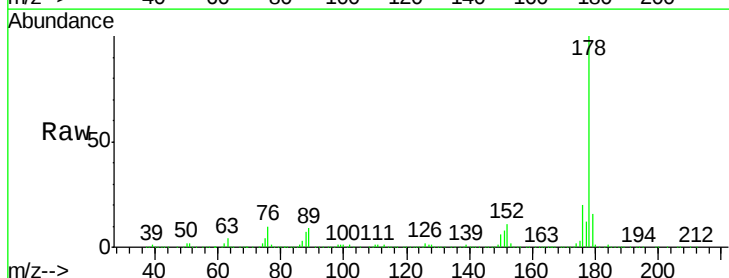
Tgt Ion:178 Resp: 470703

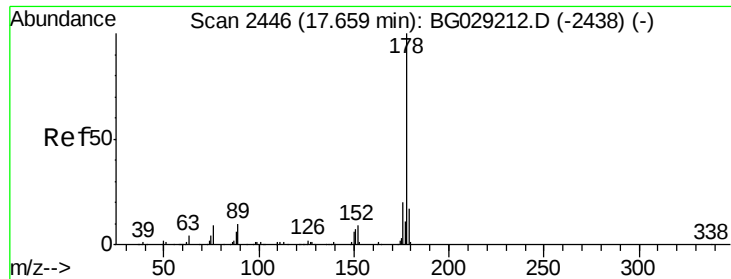
Ion Ratio Lower Upper

178 100

179 15.7 13.0 19.6

176 20.2 15.3 22.9





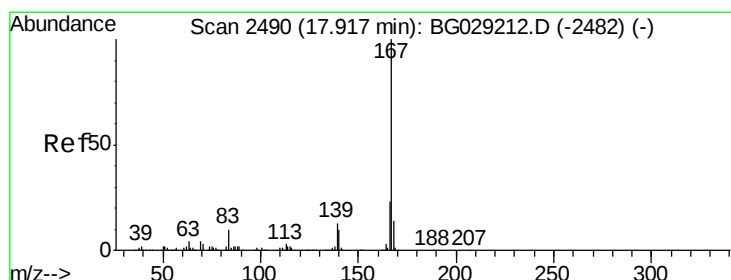
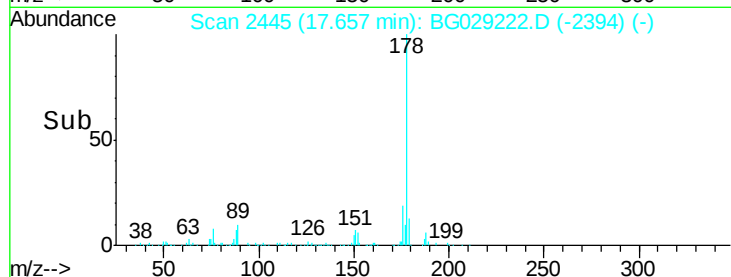
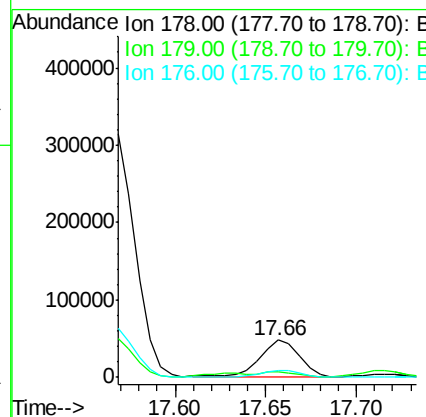
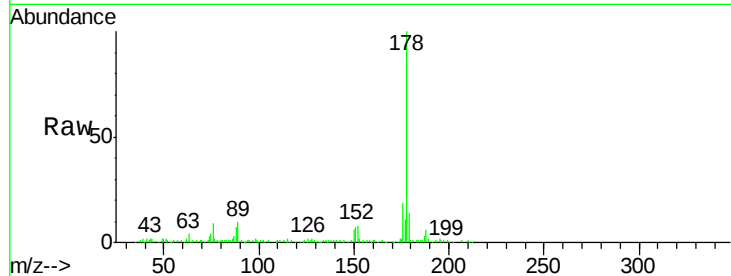
#71
 Anthracene
 Concen: 2.18 ng/ul
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BG029222.D
 Acq: 14 Oct 2017 11:29

Instrument :
 BNA_G
 ClientSampleId :
 B0C18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	13.2	19.8
176	19.1	16.0	24.0

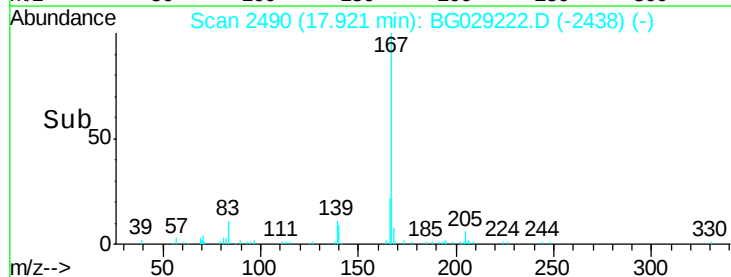
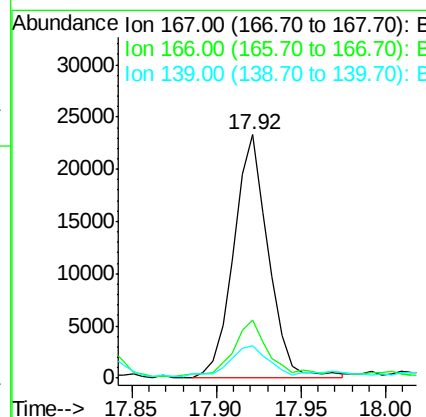
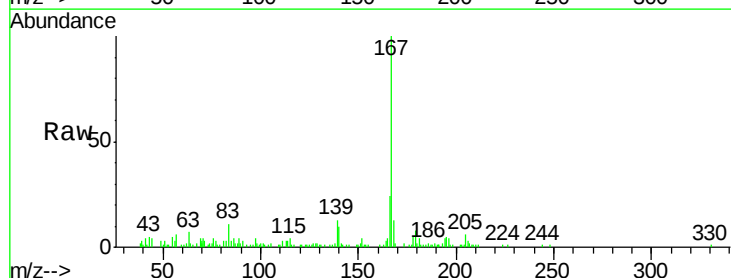
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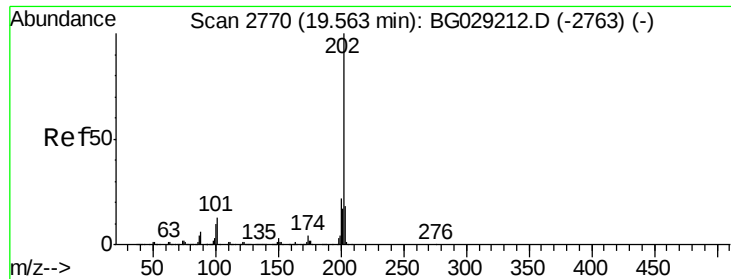
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#72
 Carbazole
 Concen: 1.11 ng/ul
 RT: 17.92 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG029222.D
 Acq: 14 Oct 2017 11:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.6	28.0
139	13.1	10.6	16.0





#74

Fluoranthene

Concen: 17.18 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

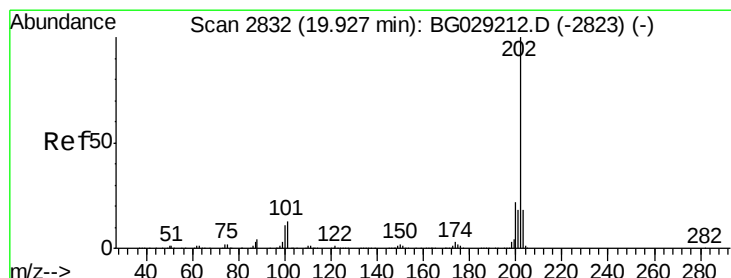
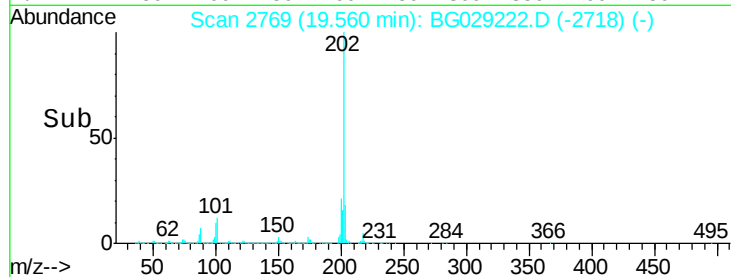
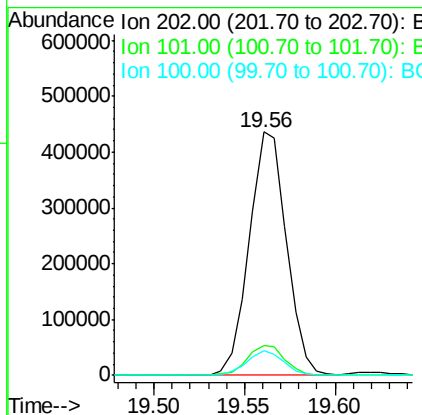
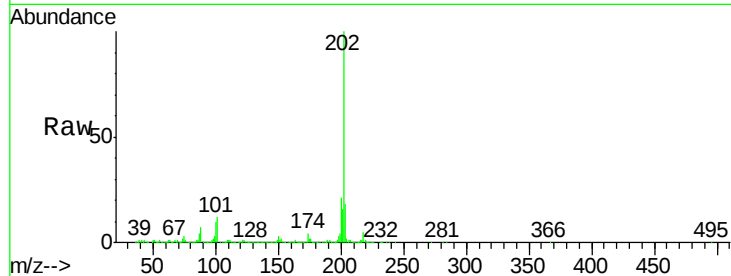
ClientSampled :

B0C18

Tgt	Ion	202	Resp:	621154
Ion	Ratio	Lower	Upper	
202	100			
101	12.4	7.4	11.2#	
100	10.2	5.6	8.4#	

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#77

Pyrene

Concen: 13.72 ng/ul

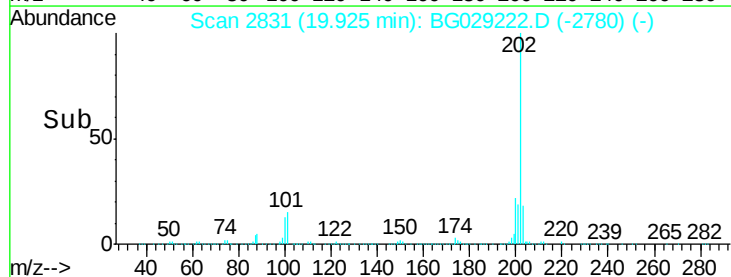
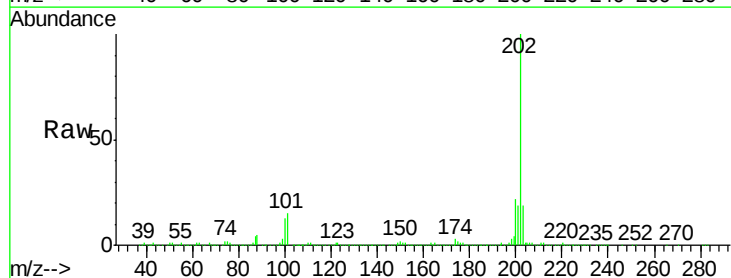
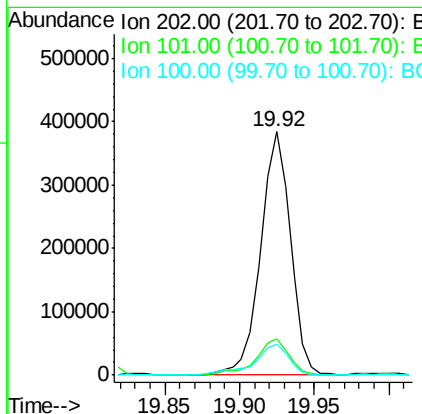
RT: 19.92 min Scan# 2831

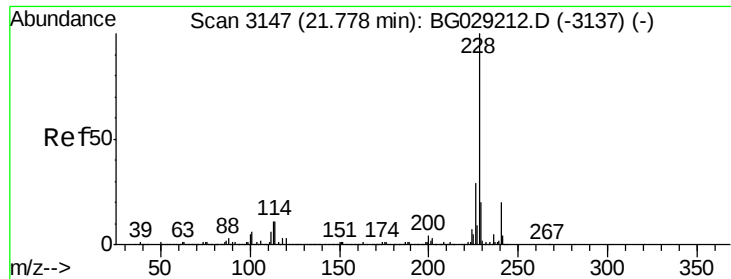
Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Tgt	Ion	202	Resp:	527468
Ion	Ratio	Lower	Upper	
202	100			
101	14.8	8.4	12.6#	
100	12.8	7.0	10.6#	





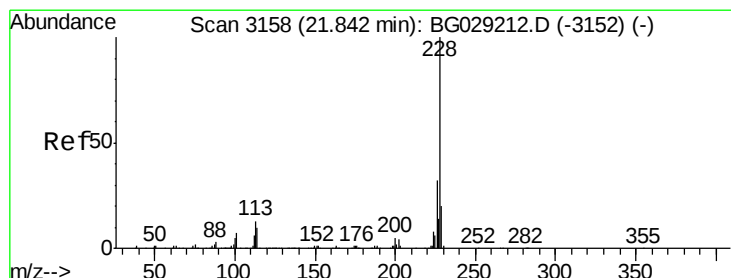
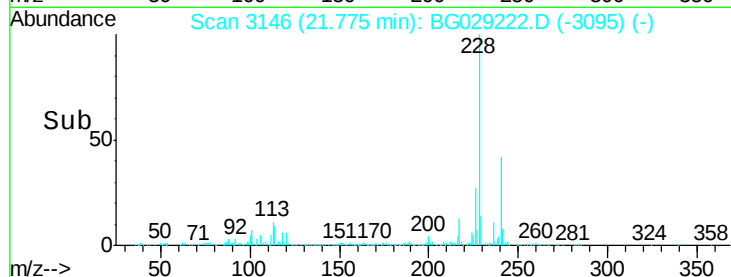
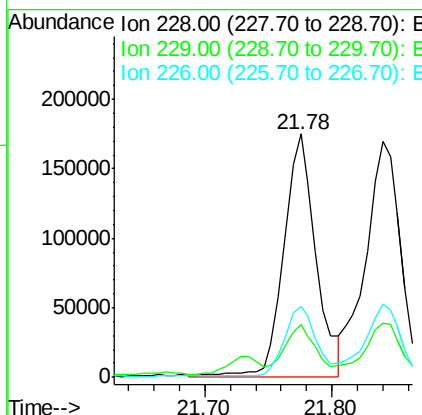
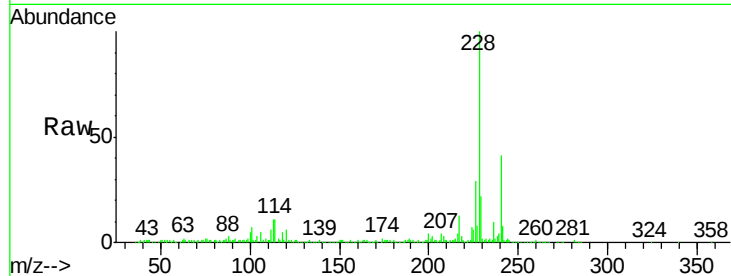
#80
Benzo(a)anthracene
Concen: 8.57 ng/ul
RT: 21.78 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Instrument :
BNA_G
ClientSampleId :
B0C18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	308062		
229	21.9	16.2	24.4	
226	29.0	22.2	33.2	

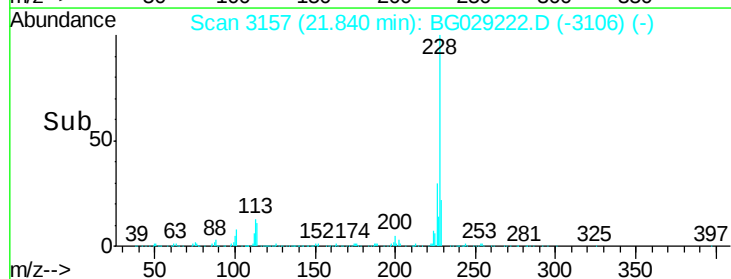
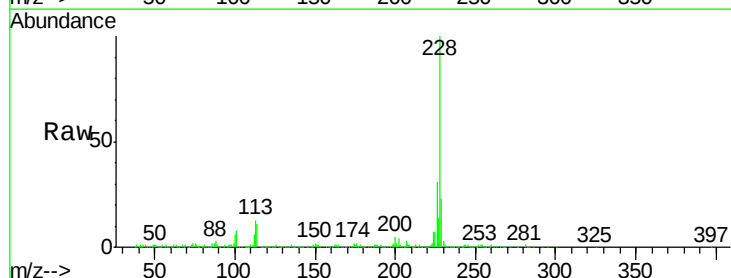
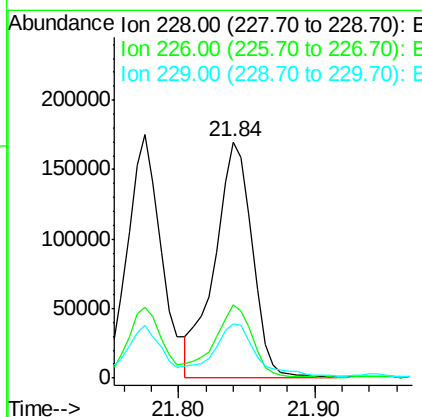
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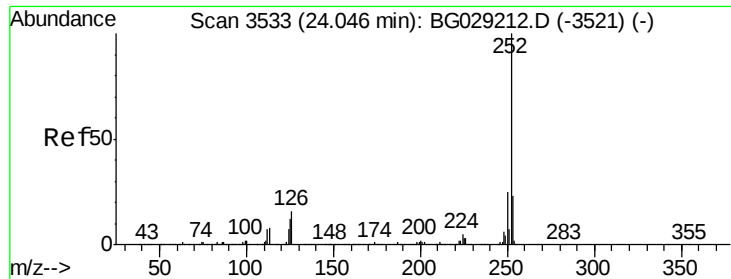
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#82
Chrysene
Concen: 9.96 ng/ul m
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	325190		
226	30.8	24.2	36.2	
229	22.9	15.2	22.8#	





#85

Benzo(b)fluoranthene

Concen: 10.72 ng/ul

RT: 24.06 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

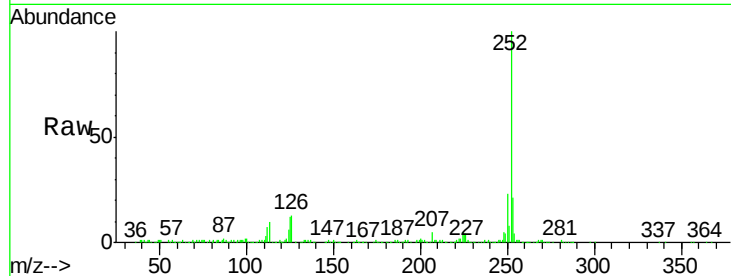
ClientSampled :

B0C18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	363046		
253	21.5	17.0	25.4	
125	11.8	7.5	11.3#	

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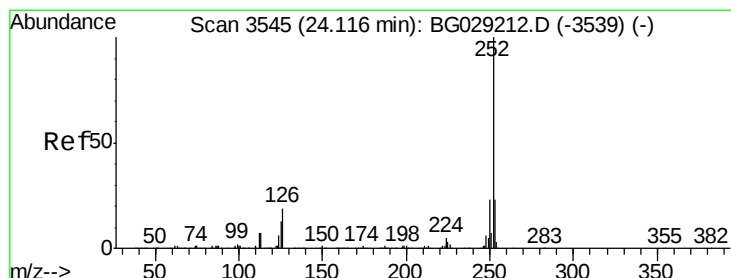
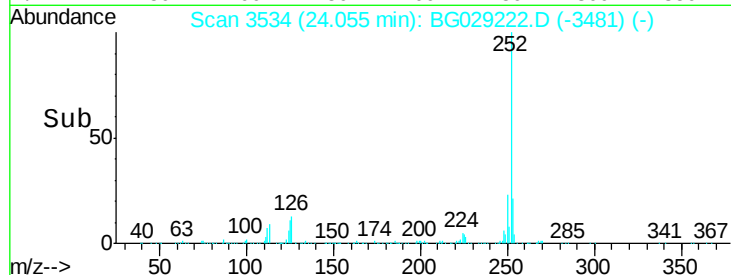
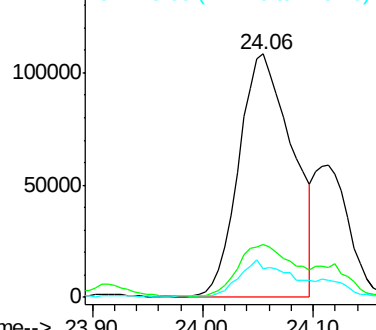


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.87 ng/ul

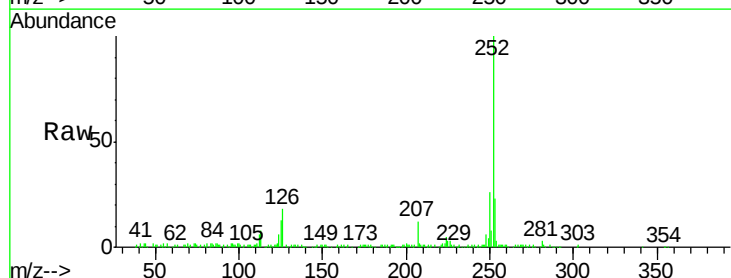
RT: 24.11 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	126792		
253	22.7	17.2	25.8	
125	12.8	7.8	11.8#	

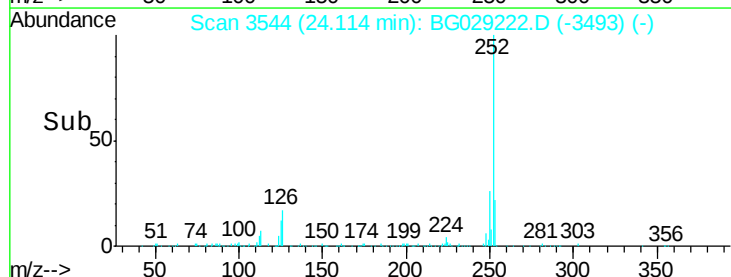
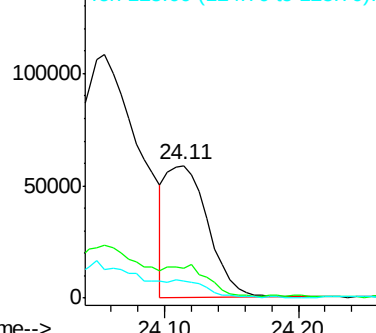


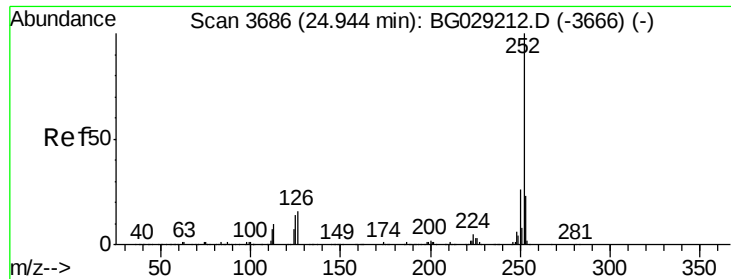
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





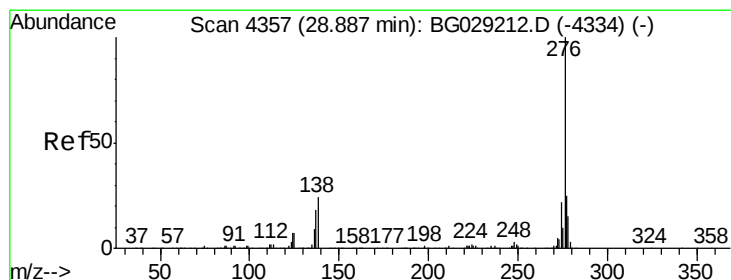
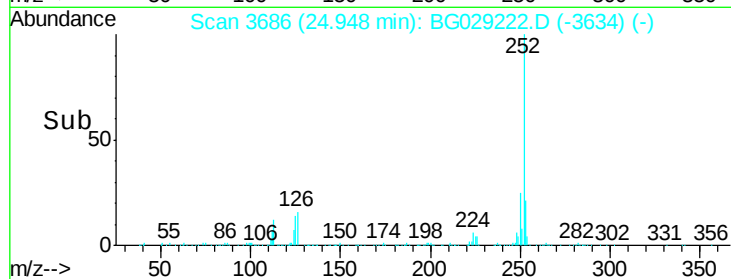
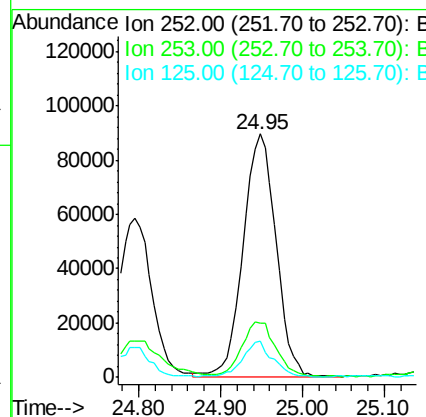
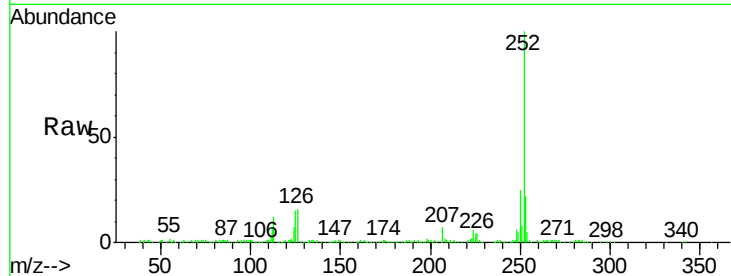
#88
Benzo(a)pyrene
Concen: 7.54 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Instrument :
BNA_G
ClientSampled :
B0C18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.8	7.8	11.8#

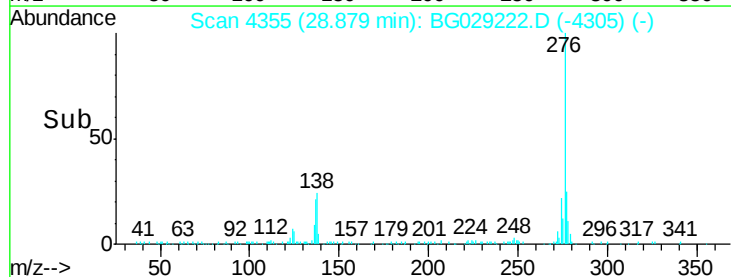
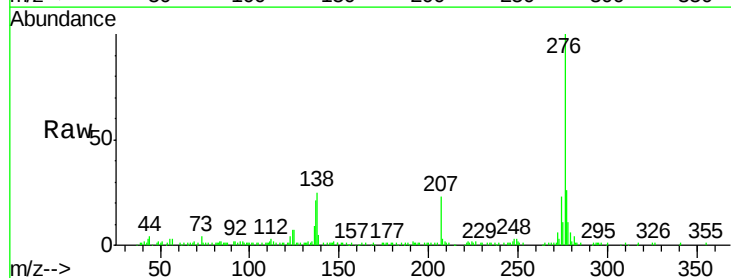
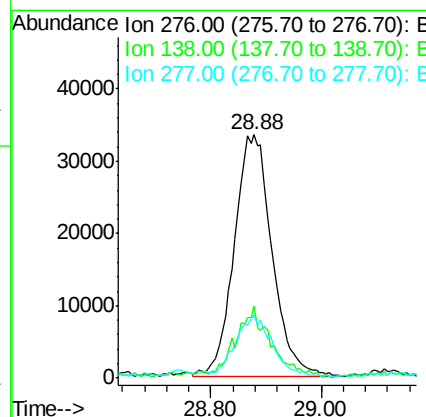
Manual Integrations
APPROVED

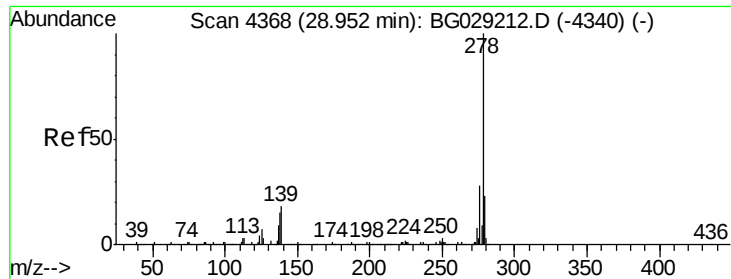
Sohil
10/15/2017 12:32:34 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 4.25 ng/ul
RT: 28.88 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BG029222.D
Acq: 14 Oct 2017 11:29

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.7	13.4	20.0#
277	25.8	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 1.50 ng/ul

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Instrument :

BNA_G

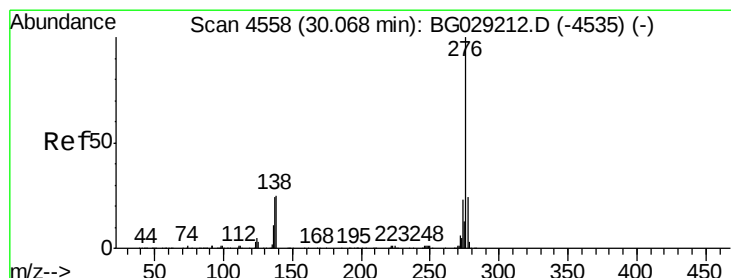
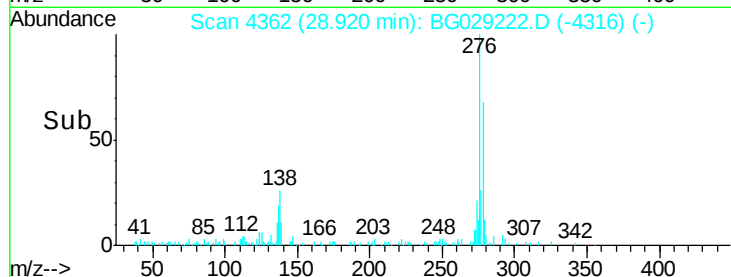
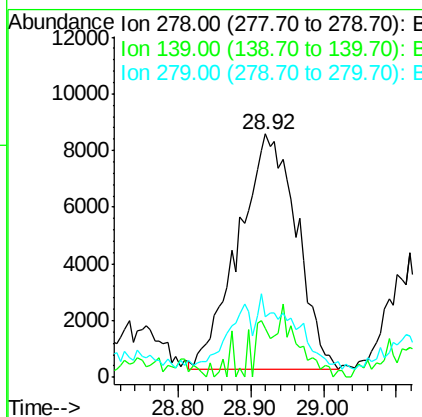
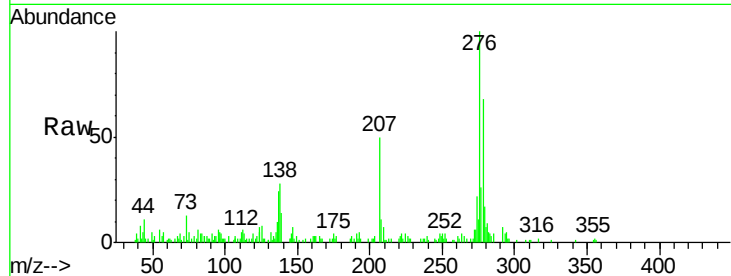
ClientSampled :

B0C18

Tgt Ion:	278	Resp:	46449
Ion Ratio	Lower	Upper	
278	100		
139	19.9	9.4	14.2#
279	25.1	18.4	27.6

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:34 PM



#91

Benzo(g,h,i)perylene

Concen: 3.78 ng/ul

RT: 30.05 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG029222.D

Acq: 14 Oct 2017 11:29

Tgt Ion:	276	Resp:	116956
Ion Ratio	Lower	Upper	
276	100		
138	24.1	12.1	18.1#
277	24.1	17.7	26.5

