

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029429.D
 Acq On : 24 Oct 2017 18:00
 Operator : SJ/JU
 Sample : I5925-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 CB3L8

Manual Integrations
 APPROVED

Sohil
 10/25/2017 6:27:14 PM

Quant Time: Oct 24 19:46:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58154	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	280713	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	189315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	448203	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	486507	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	491687	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9102	6.36	ng/uL	0.00
5) Phenol-d5	7.31	99	181754	32.56	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	104852	30.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	140672	35.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	161489	35.82	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	73455	36.45	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	85584	41.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	167217	35.54	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	188993	34.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	546577	33.77	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	683348	34.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	76110m	25.47	ng/ul	-0.01
57) Fluorene-d10	15.77	176	500304	37.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	70100	32.04	ng/ul	0.00
70) Anthracene-d10	17.62	188	751508	35.45	ng/ul	-0.01
76) Pyrene-d10	19.89	212	873090	34.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	851662	36.57	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	14.23	163	18215	1.154	ng/ul 98
49) Acenaphthene	14.85	153	14687	1.069	ng/ul 95
58) Fluorene	15.83	166	20211	1.349	ng/ul 96
69) Phenanthrene	17.56	178	355573	14.675	ng/ul 98
71) Anthracene	17.65	178	60045	2.402	ng/ul 99
72) Carbazole	17.92	167	25886	1.152	ng/ul 93
74) Fluoranthene	19.56	202	599844	22.152	ng/ul 100
77) Pyrene	19.92	202	596491	18.294	ng/ul 99
80) Benzo(a)anthracene	21.77	228	364150	11.944	ng/ul 98
81) Bis(2-ethylhexyl)phthalate	21.66	149	24579	1.283	ng/ul# 94
82) Chrysene	21.84	228	377257	13.618	ng/ul 95
85) Benzo(b)fluoranthene	24.05	252	422853	14.325	ng/ul 97
86) Benzo(k)fluoranthene	24.11	252	166525m	5.835	ng/ul
88) Benzo(a)pyrene	24.95	252	290944	10.126	ng/ul 99
89) Indeno(1,2,3-cd)pyrene	28.87	276	205553	6.323	ng/ul 98
90) Dibenzo(a,h)anthracene	28.94	278	64690m	2.396	ng/ul
91) Benzo(g,h,i)perylene	30.07	276	173144	6.426	ng/ul 96

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

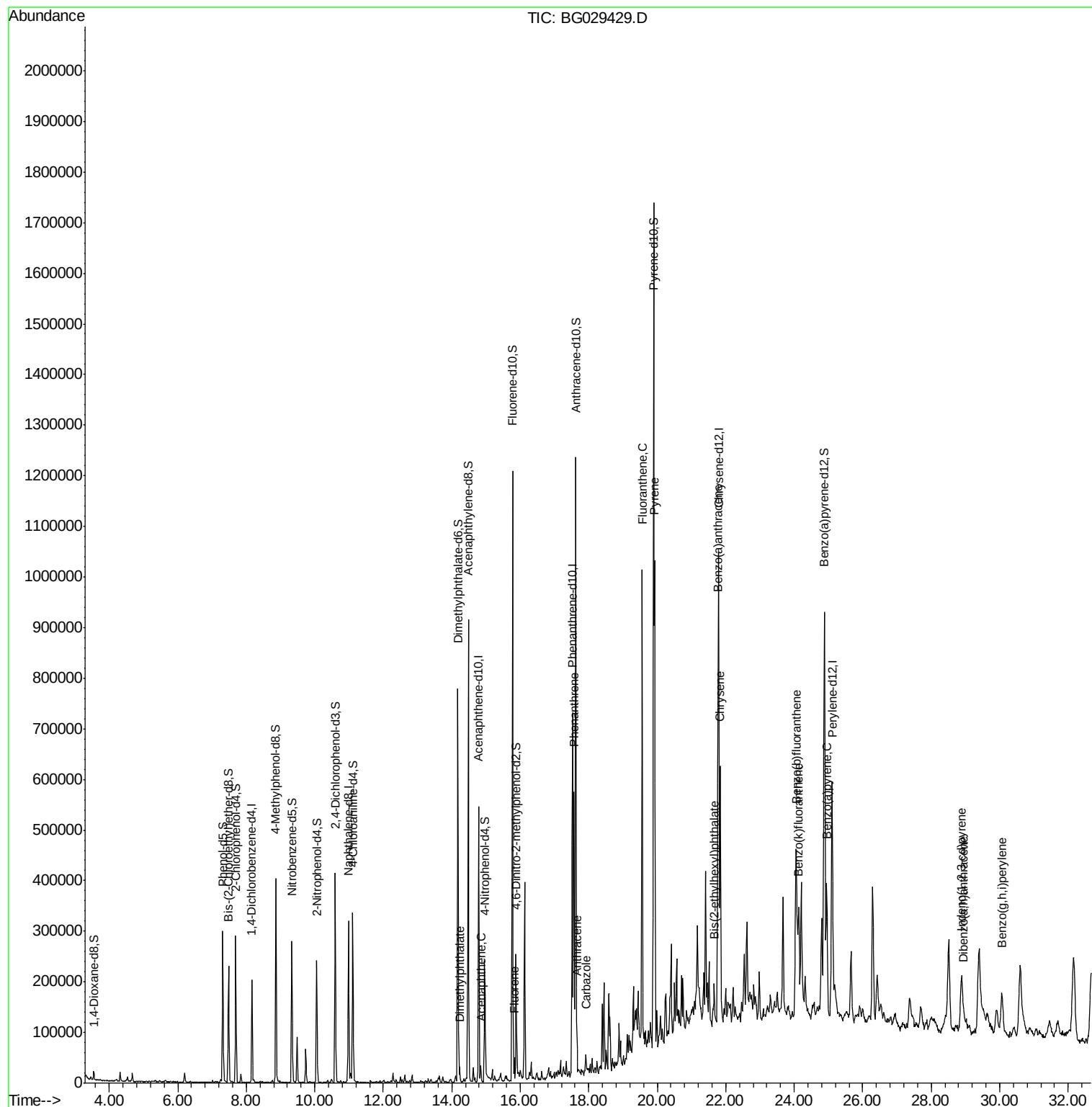
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029429.D
Acq On : 24 Oct 2017 18:00
Operator : SJ/JU
Sample : I5925-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

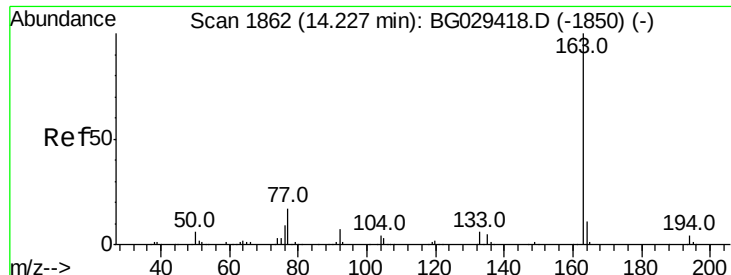
Instrument :
BNA_G
ClientSampled :
CB3L8

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Quant Time: Oct 24 19:46:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.154 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Instrument :

BNA_G

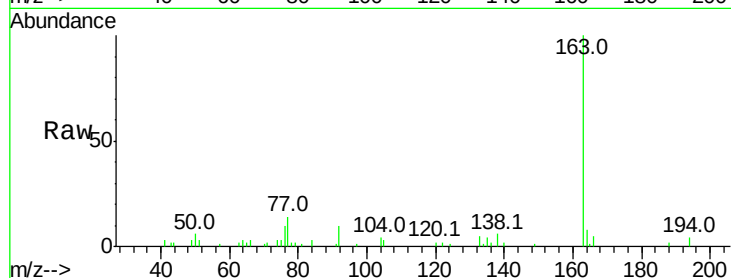
ClientSampled :

CB3L8

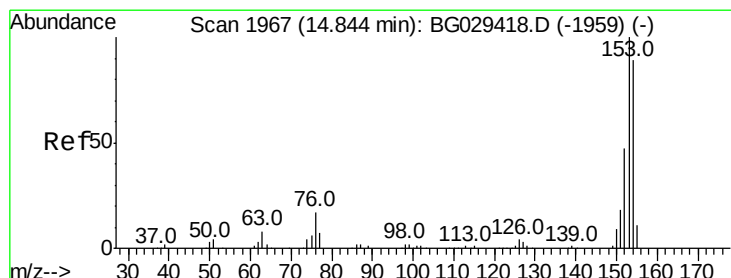
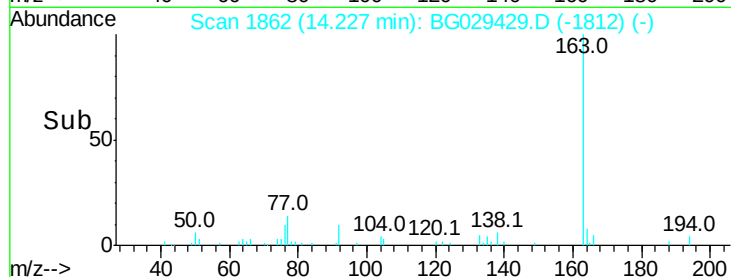
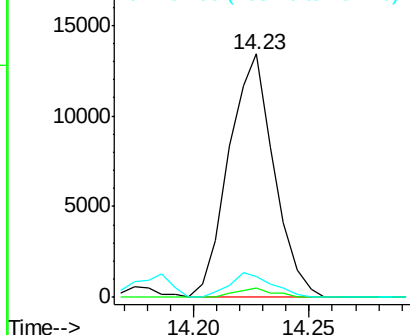
Tot Ion:	163	Resp:	18215
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	8.4	7.6	11.4

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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



#49

Acenaphthene

Concen: 1.069 ng/ul

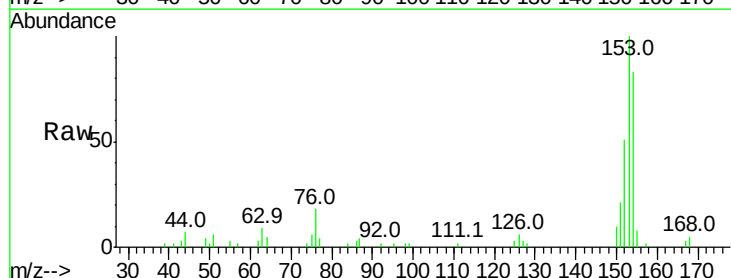
RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

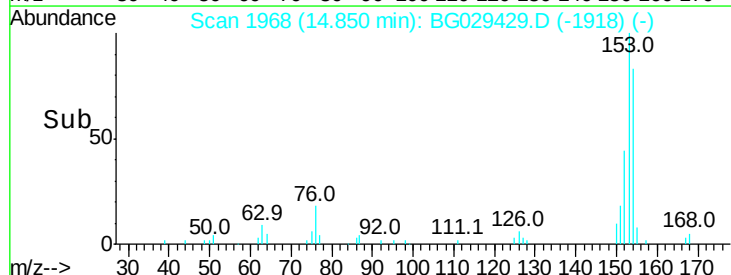
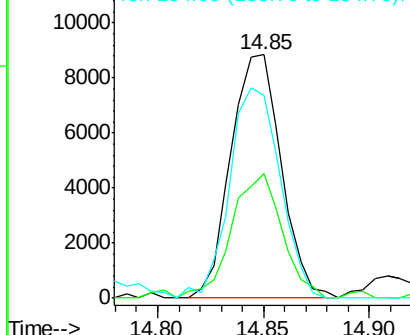
Lab File: BG029429.D

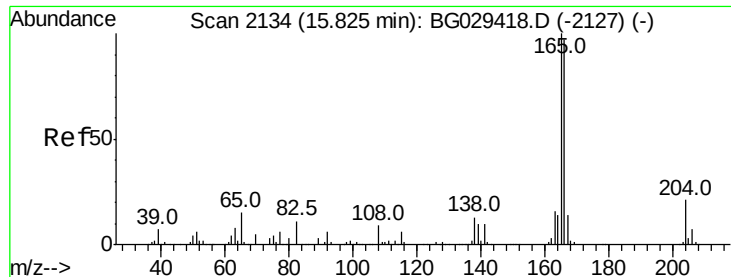
Acq: 24 Oct 2017 18:00

Tgt Ion:	153	Resp:	14687
Ion Ratio	Lower	Upper	
153	100		
152	51.0	38.2	57.2
154	83.0	70.6	105.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





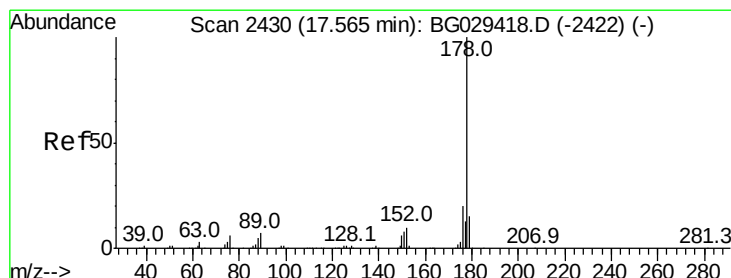
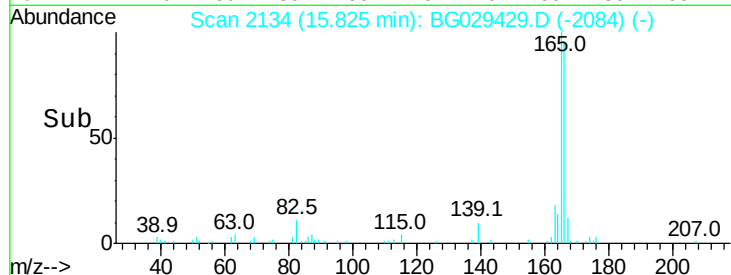
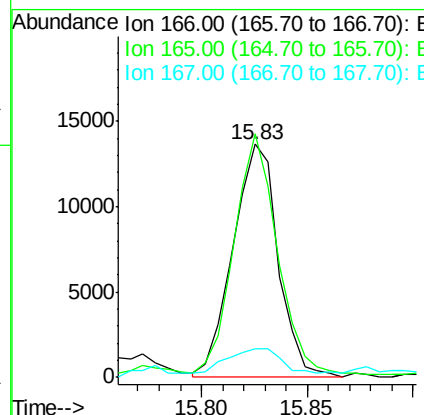
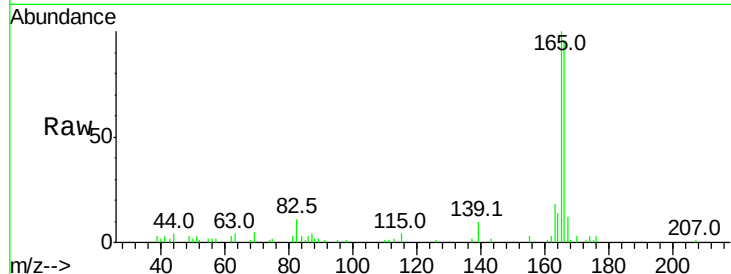
#58
Fluorene
Concen: 1.349 ng/ul
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampleId :
CB3L8

Tot Ion	Ratio	Resp	Lower	Upper
166	100	20211		
165	104.4	79.9	119.9	
167	12.1	10.6	16.0	

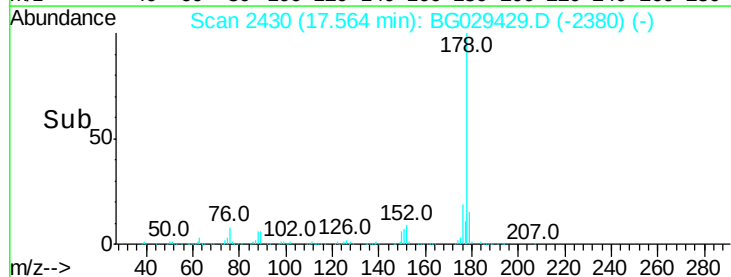
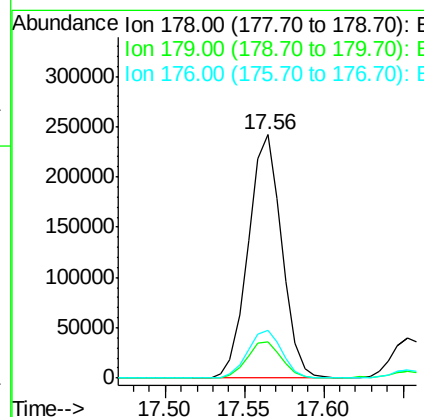
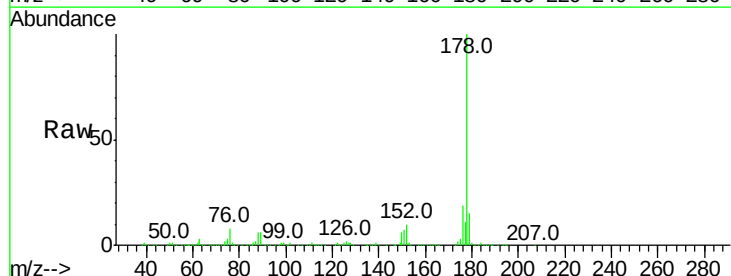
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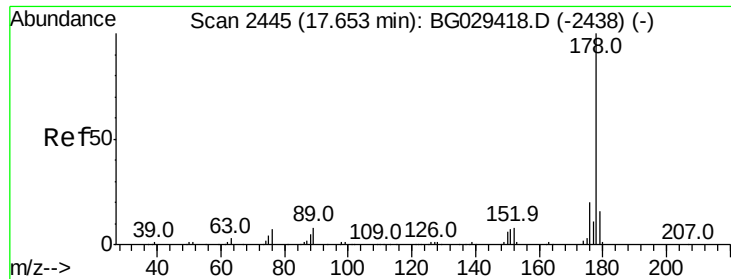
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#69
Phenanthrene
Concen: 14.675 ng/ul
RT: 17.56 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	355573		
179	14.8	13.0	19.6	
176	19.4	15.3	22.9	





#71

Anthracene

Concen: 2.402 ng/ul

RT: 17.65 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Instrument :

BNA_G

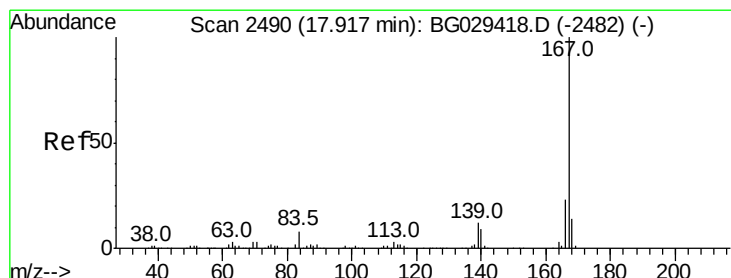
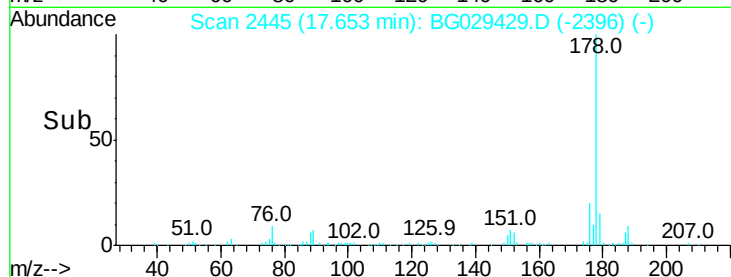
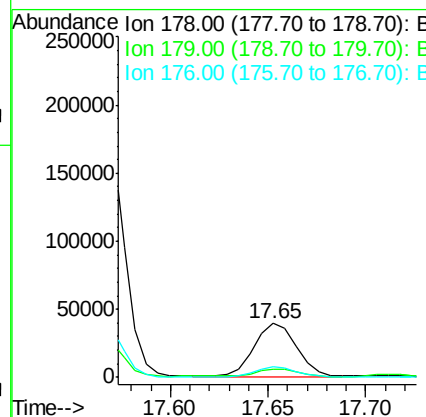
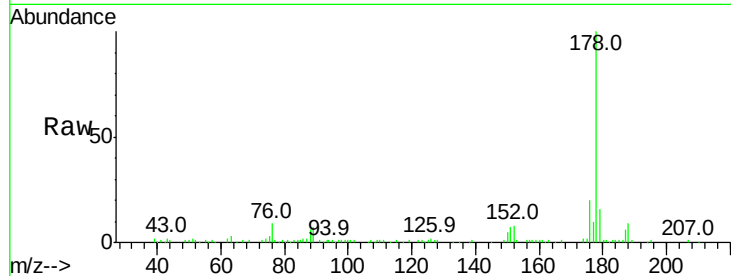
ClientSampleId :

CB3L8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.2	19.8
176	20.5	16.0	24.0

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#72

Carbazole

Concen: 1.152 ng/ul

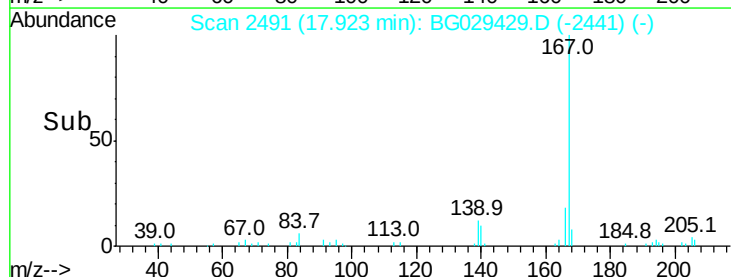
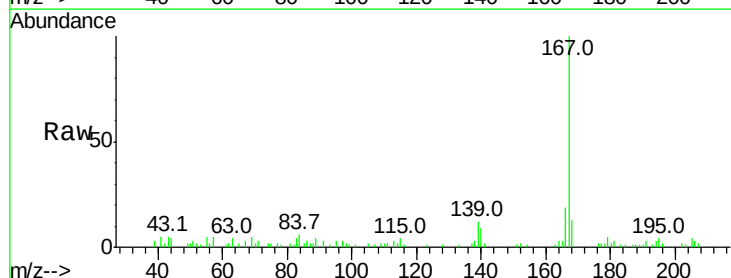
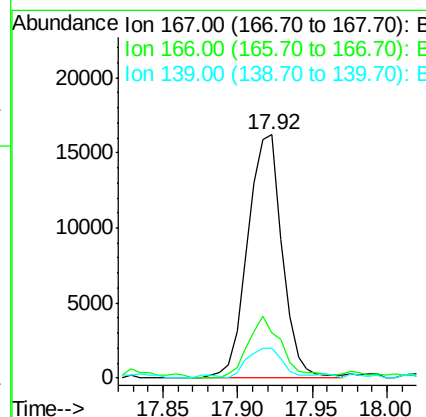
RT: 17.92 min Scan# 2491

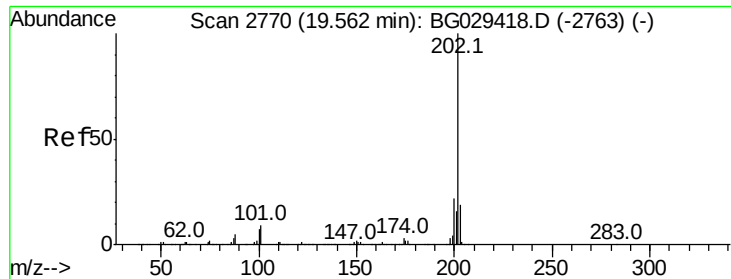
Delta R.T. -0.01 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.8	18.6	28.0
139	12.4	10.6	16.0





#74

Fluoranthene

Concen: 22.152 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Instrument :

BNA_G

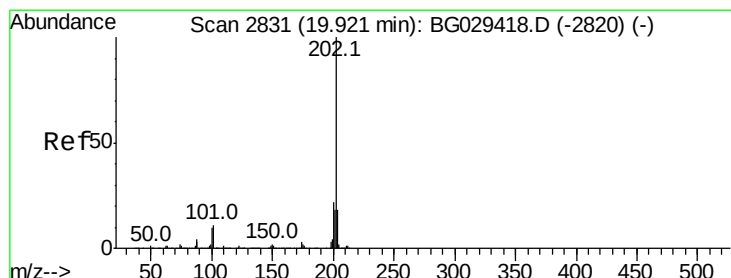
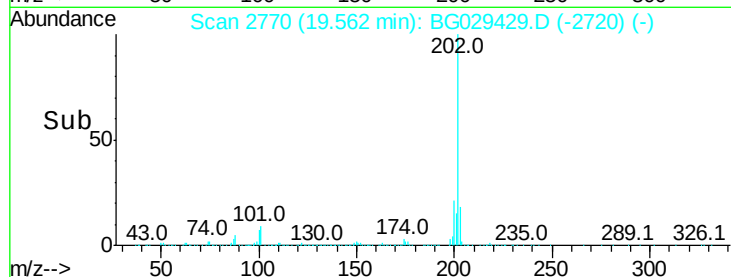
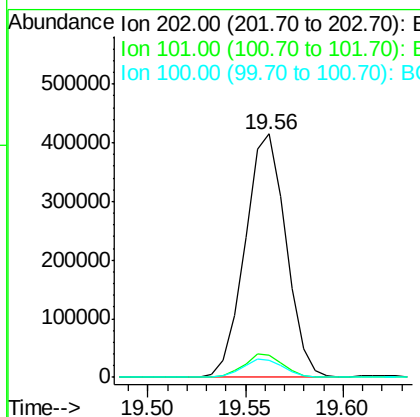
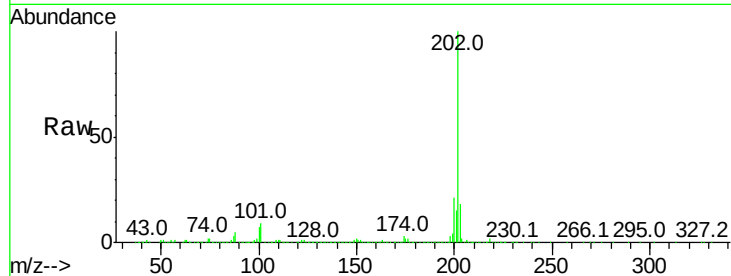
ClientSampleId :

CB3L8

Tot Ion:	202	Resp:	599844
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.4	11.2
100	7.1	5.6	8.4

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#77

Pyrene

Concen: 18.294 ng/ul

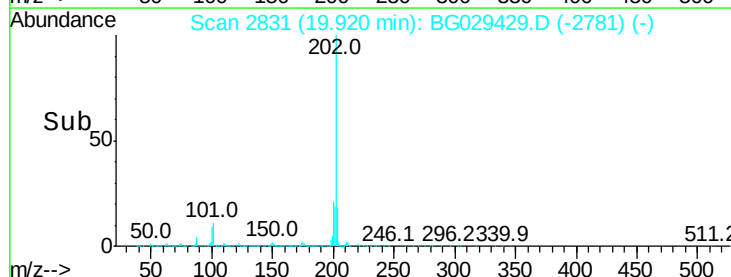
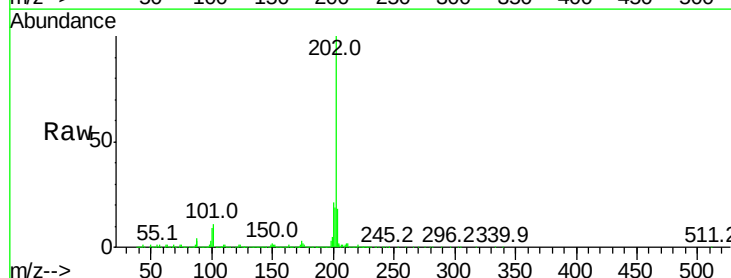
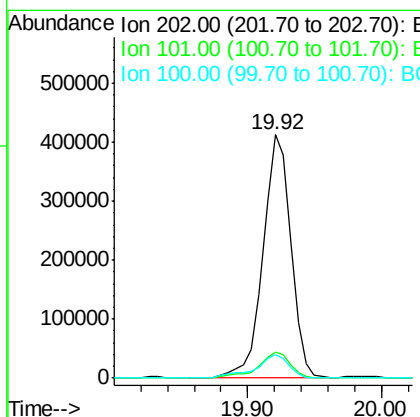
RT: 19.92 min Scan# 2831

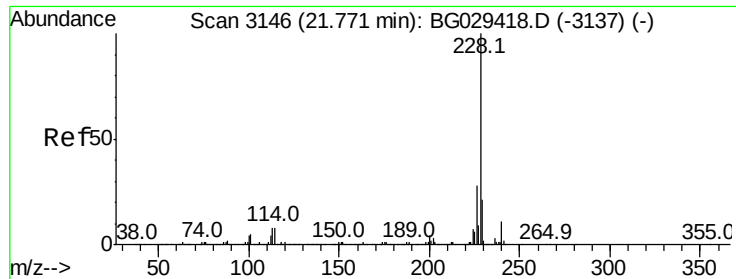
Delta R.T. -0.01 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Tgt Ion:	202	Resp:	596491
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.4	12.6
100	9.4	7.0	10.6





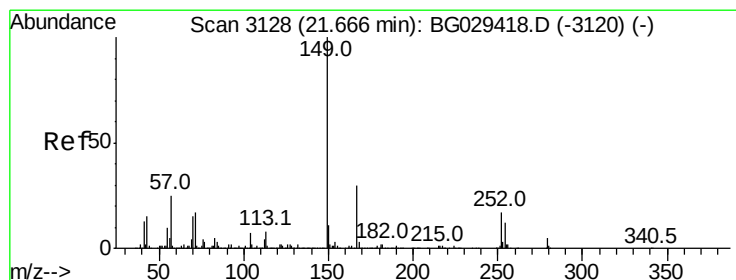
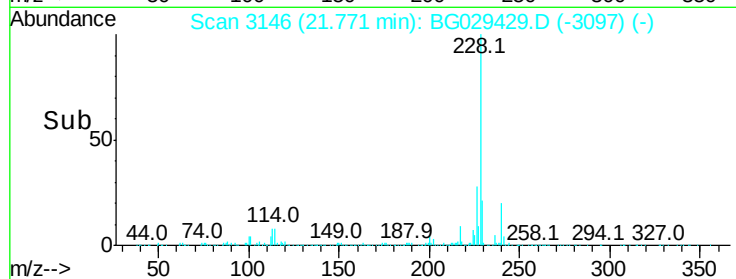
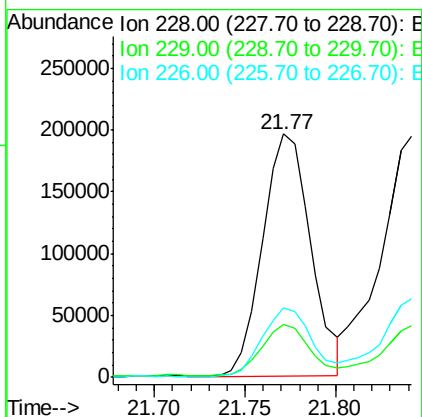
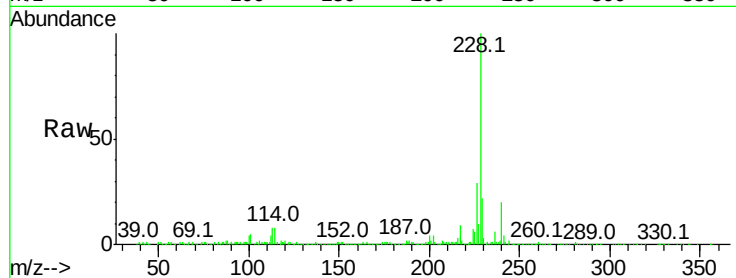
#80
Benzo(a)anthracene
Concen: 11.944 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampled :
CB3L8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.4
226	28.6	22.2	33.2

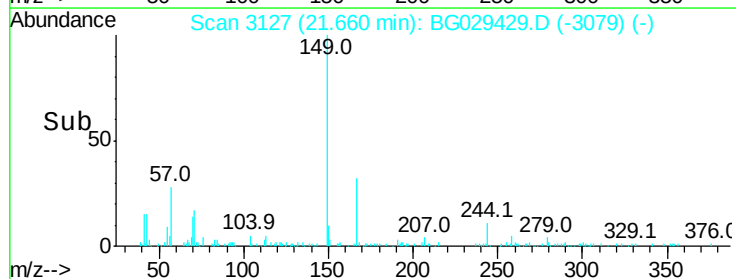
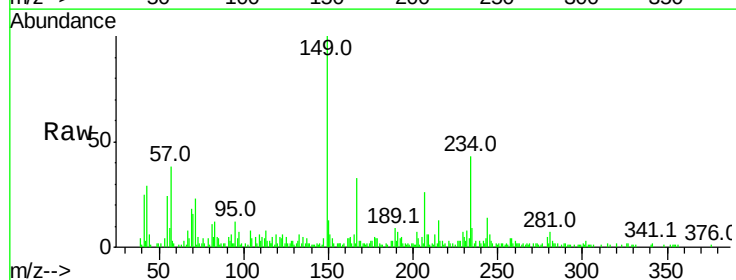
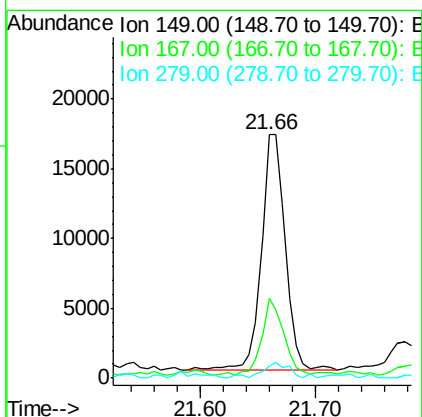
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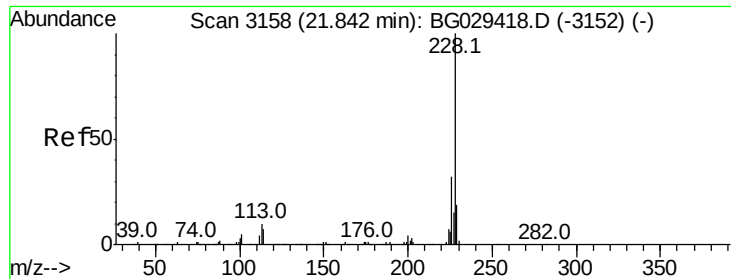
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.283 ng/ul
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.7	23.2	34.8
279	5.0	3.1	4.7#





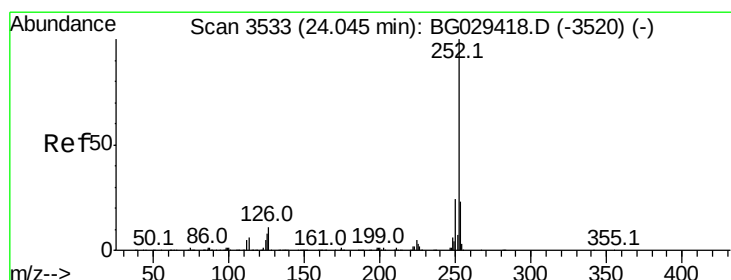
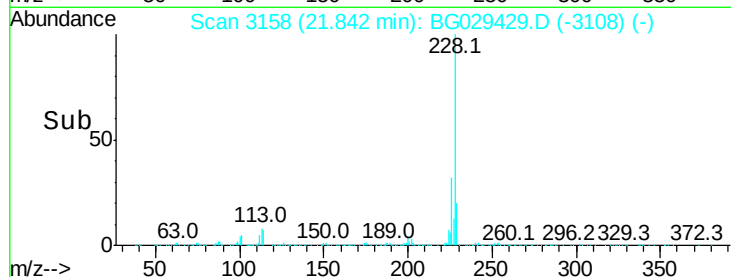
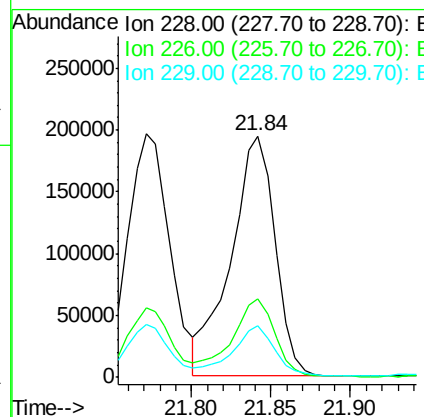
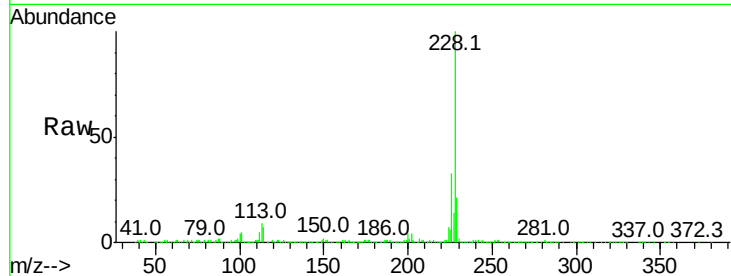
#82
Chrysene
Concen: 13.618 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampled :
CB3L8

Tot Ion:	228	Resp:	377257
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.2	36.2
229	21.3	15.2	22.8

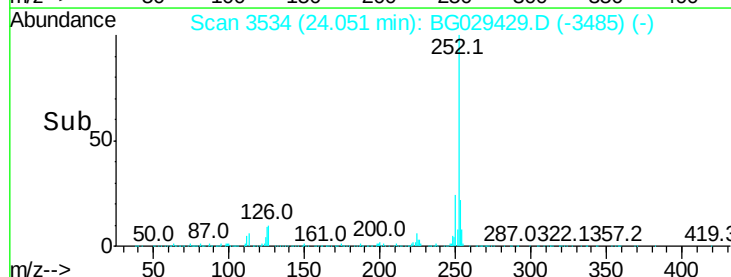
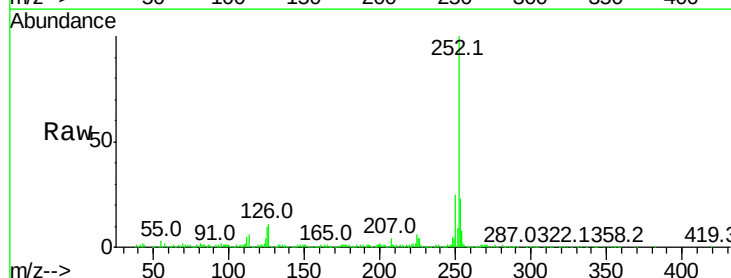
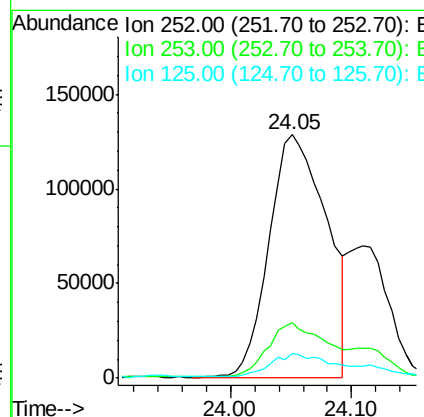
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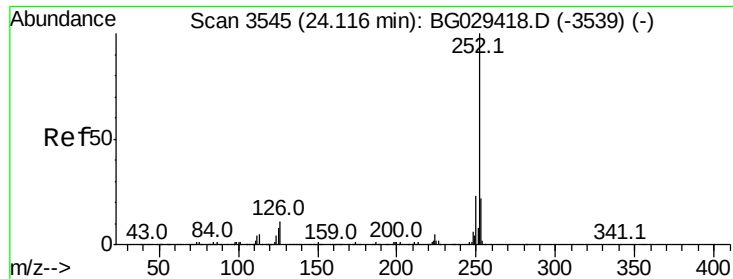
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#85
Benzo(b)fluoranthene
Concen: 14.325 ng/ul
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion:	252	Resp:	422853
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.4
125	9.9	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 5.835 ng/ul m

RT: 24.11 min Scan# 3544

Delta R.T. -0.03 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Instrument :

BNA_G

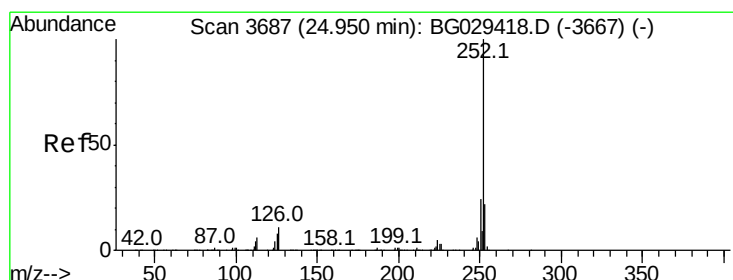
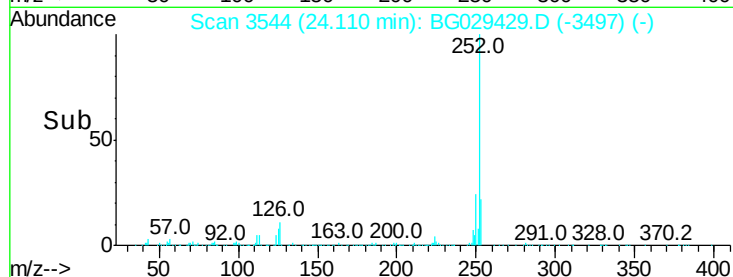
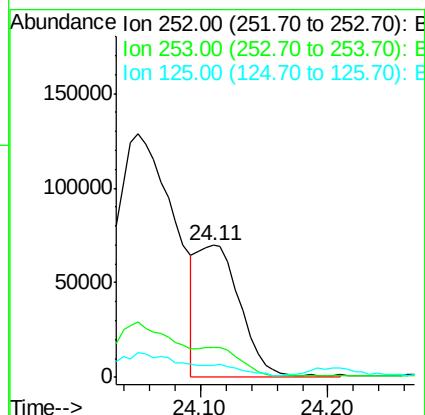
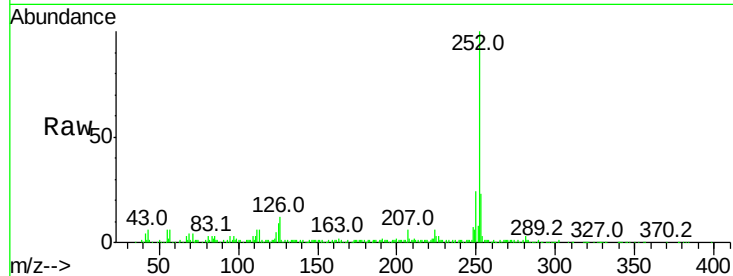
ClientSampleId :

CB3L8

Tot Ion:	252	Resp:	166525
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	9.1	7.8	11.8

Manual Integrations
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10/25/2017 6:27:14 PM



#88

Benzo(a)pyrene

Concen: 10.126 ng/ul

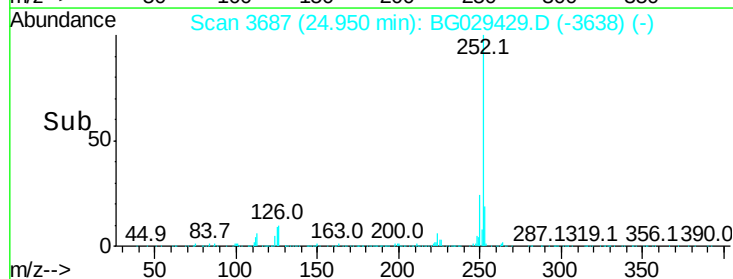
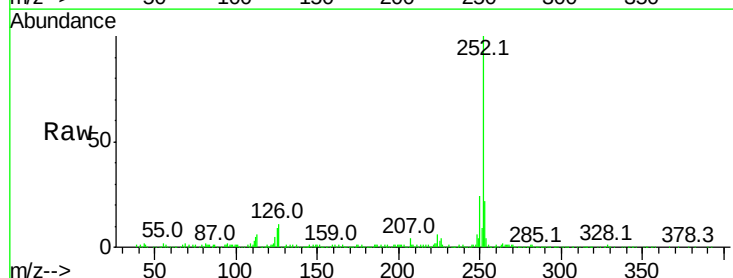
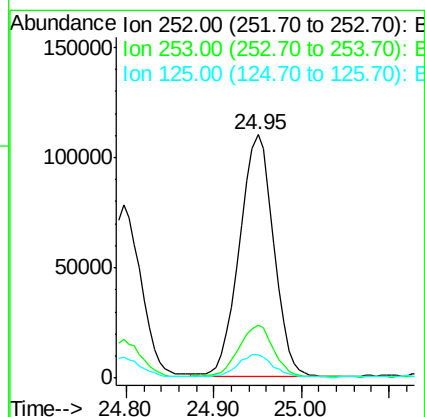
RT: 24.95 min Scan# 3687

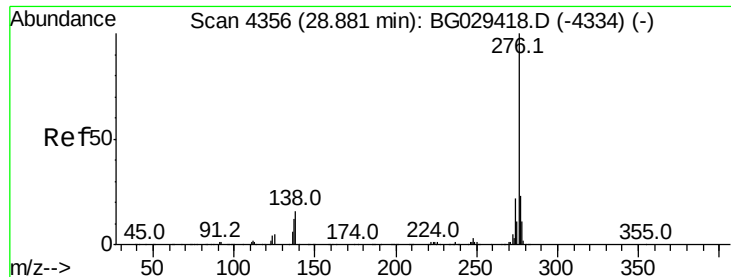
Delta R.T. -0.01 min

Lab File: BG029429.D

Acq: 24 Oct 2017 18:00

Tgt Ion:	252	Resp:	290944
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.1	25.7
125	9.5	7.8	11.8





#89

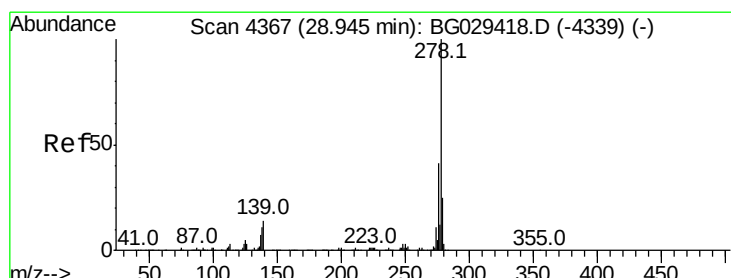
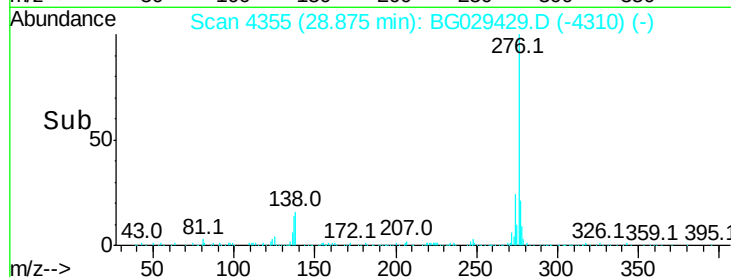
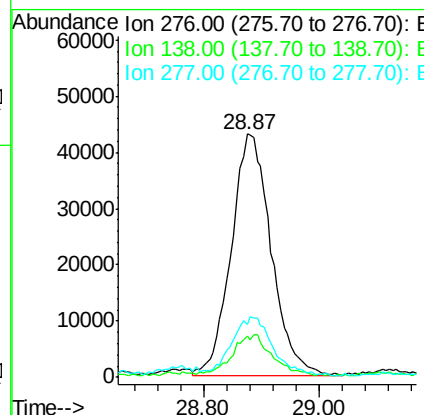
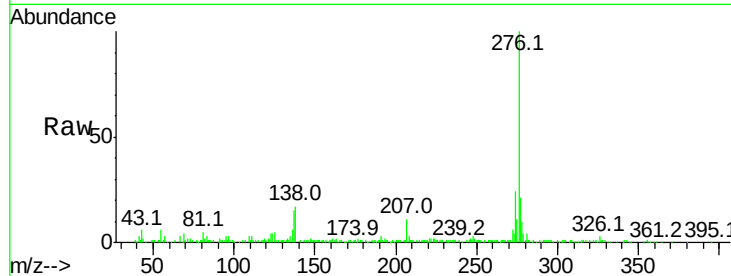
Indeno(1,2,3-cd)pyrene
Concen: 6.323 ng/ul
RT: 28.87 min Scan# 4356
Delta R.T. -0.04 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Instrument :
BNA_G
ClientSampled :
CB3L8

Tot Ion	Ratio	Resp	Lower	Upper
276	100	205553		
138	16.9		13.4	20.0
277	21.5		18.6	28.0

Manual Integrations
APPROVED

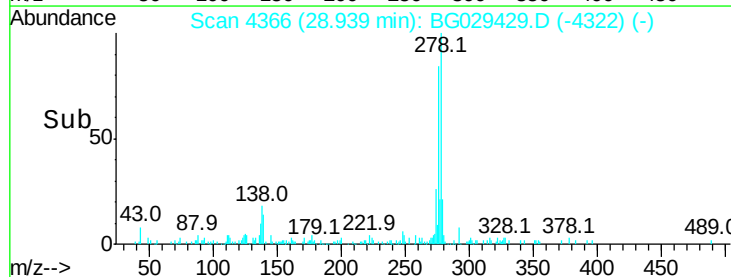
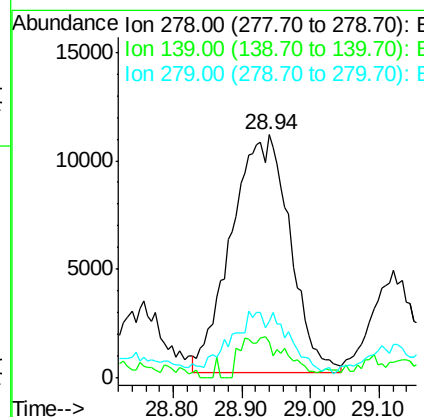
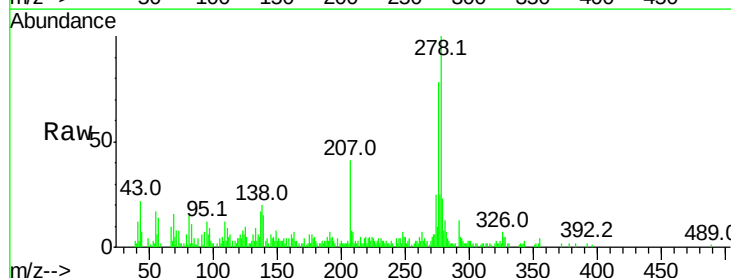
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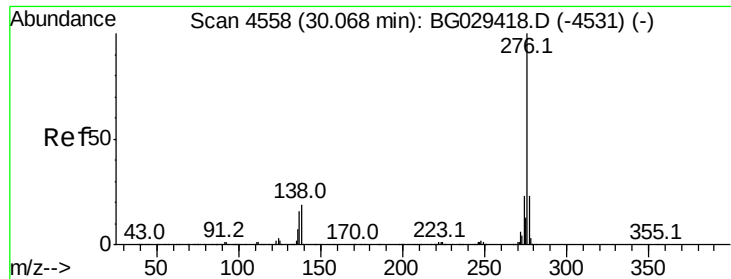


#90

Dibenzo(a,h)anthracene
Concen: 2.396 ng/ul m
RT: 28.94 min Scan# 4366
Delta R.T. -0.04 min
Lab File: BG029429.D
Acq: 24 Oct 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	64690		
139	14.8		9.4	14.2#
279	23.5		18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.426 ng/ul
 RT: 30.07 min Scan# 4558
 Delta R.T. -0.03 min
 Lab File: BG029429.D
 Acq: 24 Oct 2017 18:00

Instrument :
 BNA_G
 ClientSampleId :
 CB3L8

Tot Ion:	276	Resp:	173144
Ion Ratio	Lower	Upper	
276	100		
138	17.2	12.1	18.1
277	23.5	17.7	26.5

Manual Integrations
 APPROVED

Sohil
 10/25/2017 6:27:14 PM

