

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029427.D
 Acq On : 24 Oct 2017 16:41
 Operator : SJ/JU
 Sample : I5925-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3L6

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 19:38:58 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	8.16	152	65313	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	310385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	207905	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	490246	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	519668	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	519141	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8971	5.58	ng/uL	0.00
5) Phenol-d5	7.31	99	193865	30.93	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	112157	28.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	151539	34.27	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	169916	33.56	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	78218	35.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	92299	40.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	177936	34.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	211502	34.99	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	574067	32.30	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	721937	33.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	73113	22.28	ng/ul	-0.01
57) Fluorene-d10	15.77	176	523391	35.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	63386	26.49	ng/ul	-0.01
70) Anthracene-d10	17.62	188	776601	33.49	ng/ul	-0.01
76) Pyrene-d10	19.89	212	895017	33.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	855761	34.80	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.34	94	7409	1.142	ng/ul	93
28) Naphthalene	11.03	128	17964	1.094	ng/ul	95
44) Dimethylphthalate	14.23	163	64892	3.743	ng/ul	99
49) Acenaphthene	14.85	153	20268	1.343	ng/ul	96
53) Dibenzofuran	15.18	168	20971	1.017	ng/ul	95
58) Fluorene	15.83	166	21329	1.296	ng/ul	95
69) Phenanthrene	17.57	178	403737	15.234	ng/ul	97
71) Anthracene	17.65	178	72392	2.647	ng/ul	99
72) Carbazole	17.92	167	37562	1.528	ng/ul	96
74) Fluoranthene	19.56	202	667519	22.537	ng/ul	99
77) Pyrene	19.92	202	604518	17.357	ng/ul	99
80) Benzo(a)anthracene	21.77	228	345083	10.596	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	30108	1.471	ng/ul#	99
82) Chrysene	21.84	228	336651	11.377	ng/ul	99
85) Benzo(b)fluoranthene	24.05	252	449589	14.426	ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	158662m	5.265	ng/ul	
88) Benzo(a)pyrene	24.95	252	302065	9.957	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	224771	6.549	ng/ul	99
90) Dibenzo(a,h)anthracene	28.92	278	59152	2.075	ng/ul	97
91) Benzo(g,h,i)perylene	30.07	276	200986	7.064	ng/ul	93

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

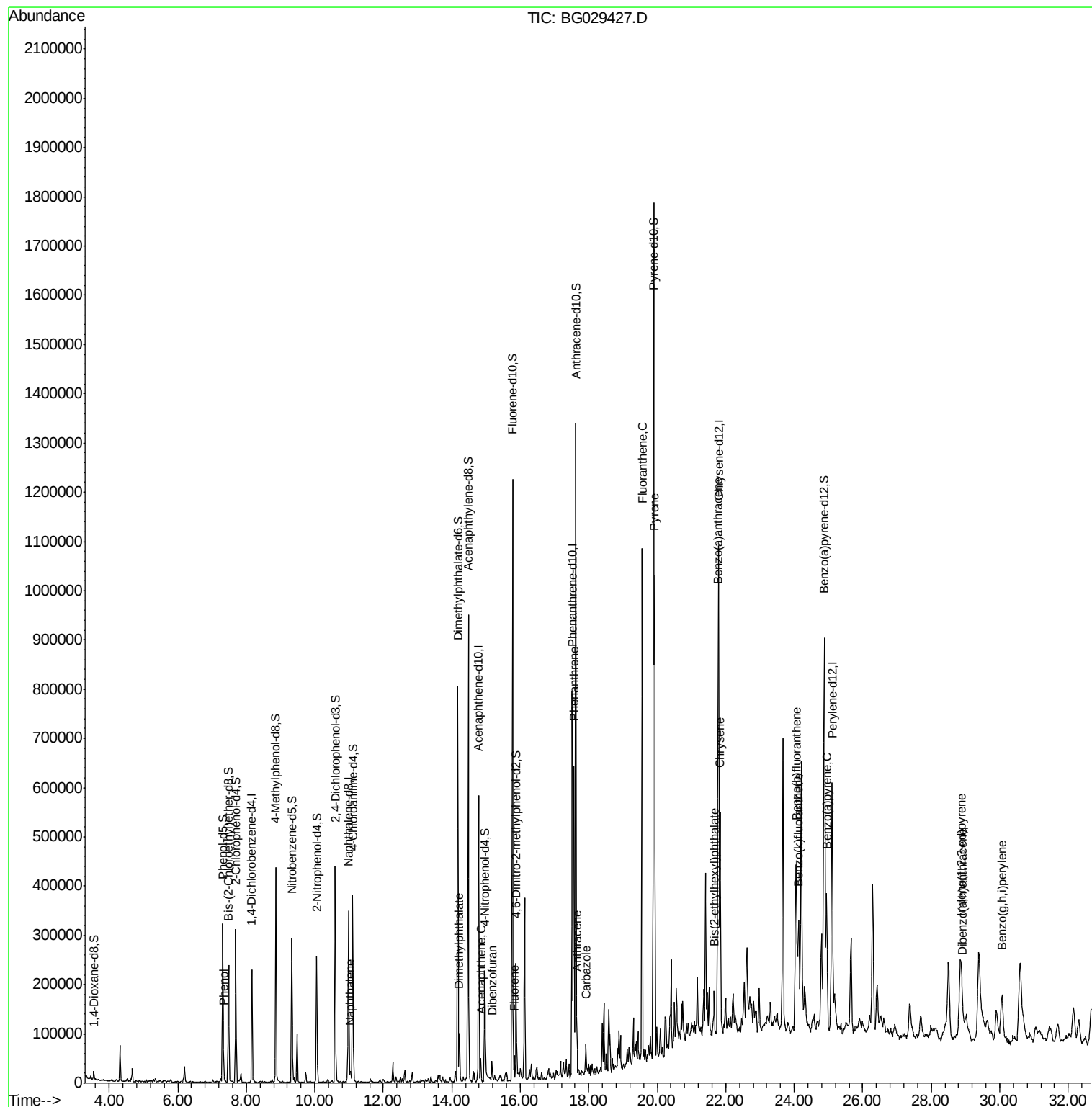
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029427.D
Acq On : 24 Oct 2017 16:41
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Sample : I5925-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

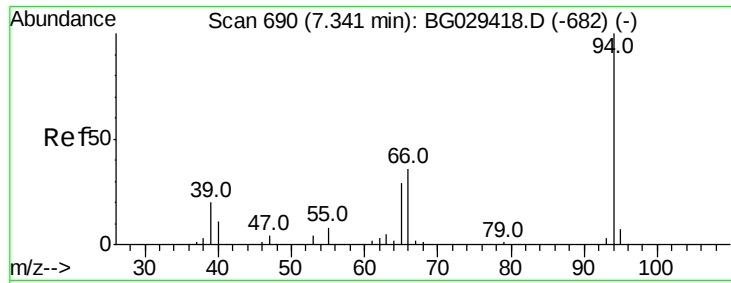
Instrument :
BNA_G
ClientSampled :
CB3L6

Manual Integrations
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Quant Time: Oct 24 19:38:58 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
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#6

Phenol

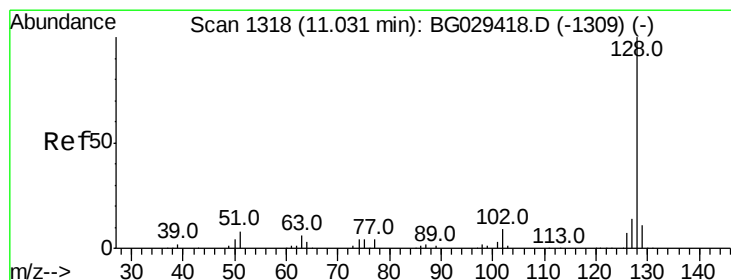
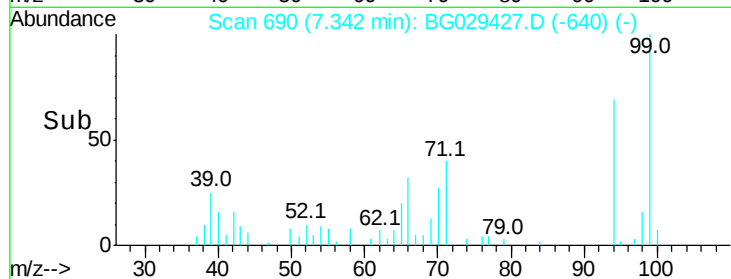
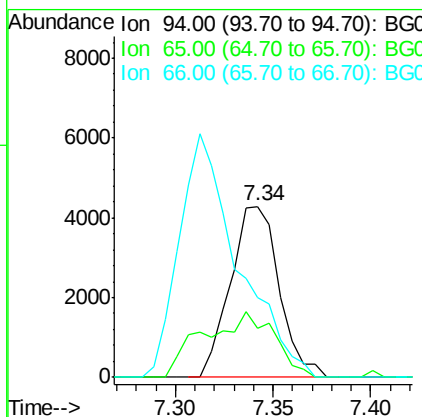
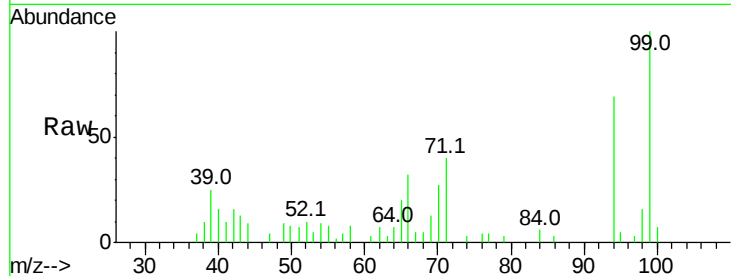
Concen: 1.142 ng/ul
 RT: 7.34 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BG029427.D
 Acq: 24 Oct 2017 16:41

Instrument :
 BNA_G
 ClientSampleId :
 CB3L6

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.9	27.1	40.7
66	47.0	34.6	52.0

Manual Integrations
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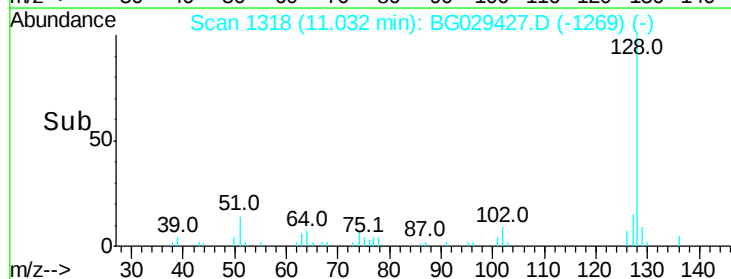
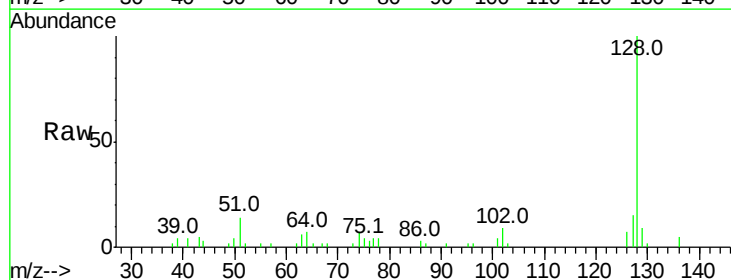
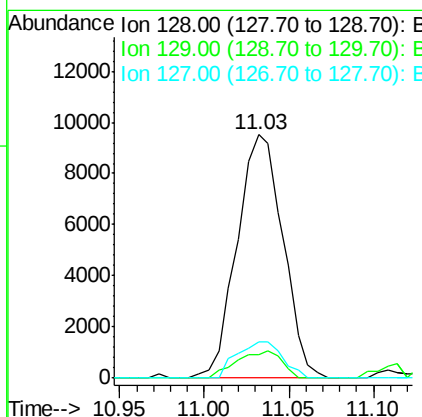


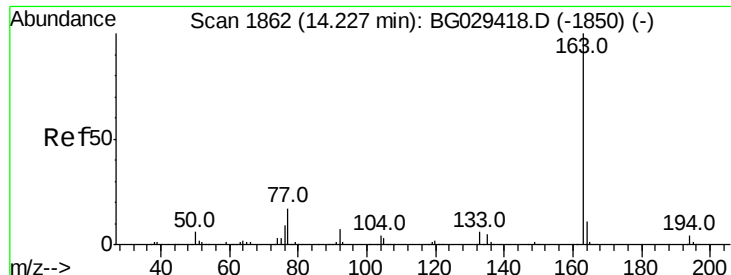
#28

Naphthalene

Concen: 1.094 ng/ul
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG029427.D
 Acq: 24 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.4	9.3	13.9
127	14.8	10.7	16.1





#44

Dimethylphthalate

Concen: 3.743 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Instrument :

BNA_G

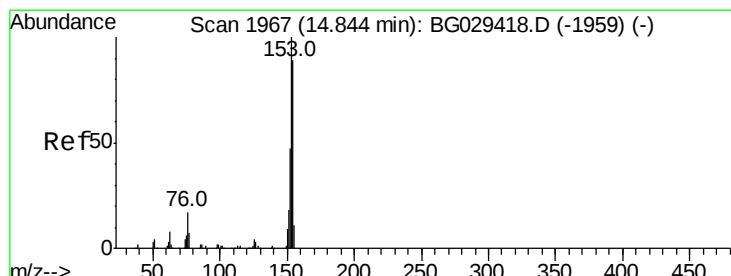
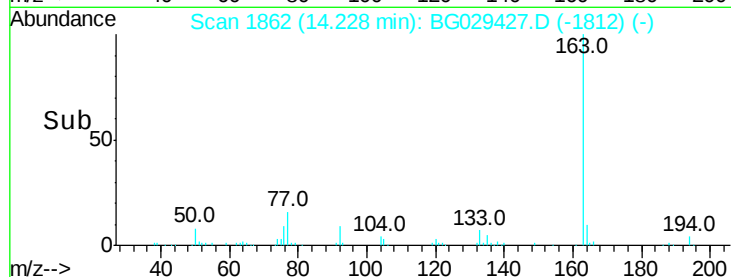
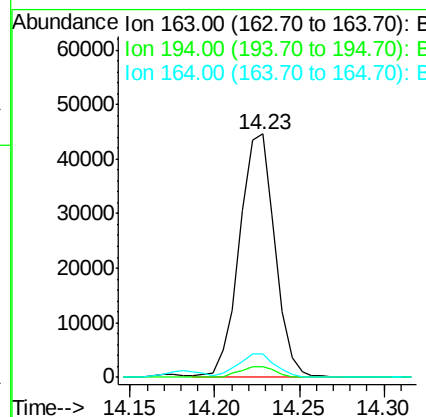
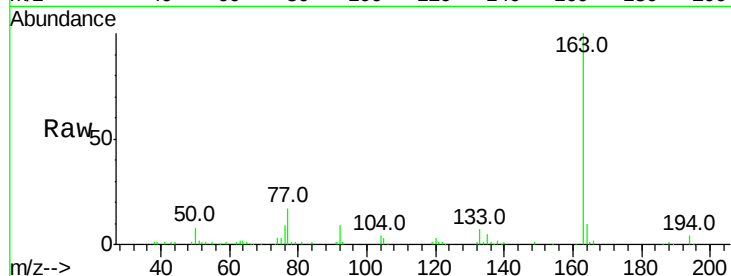
ClientSampled :

CB3L6

Tot Ion:	163	Resp:	64892
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	9.9	7.6	11.4

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#49

Acenaphthene

Concen: 1.343 ng/ul

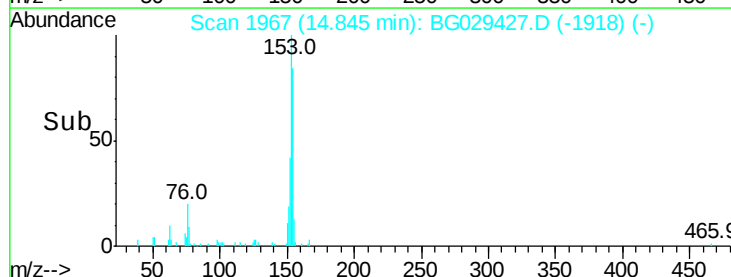
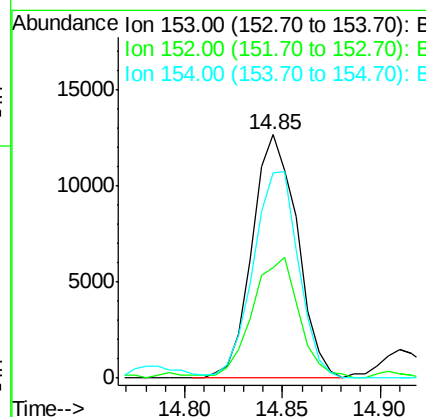
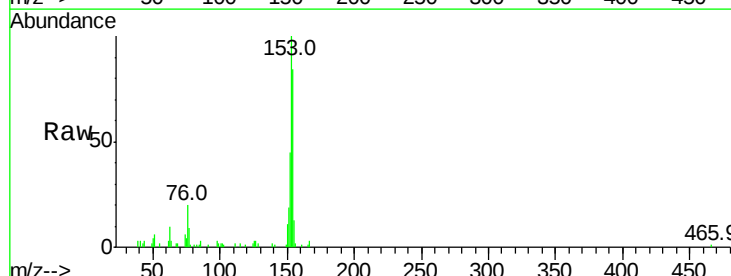
RT: 14.85 min Scan# 1967

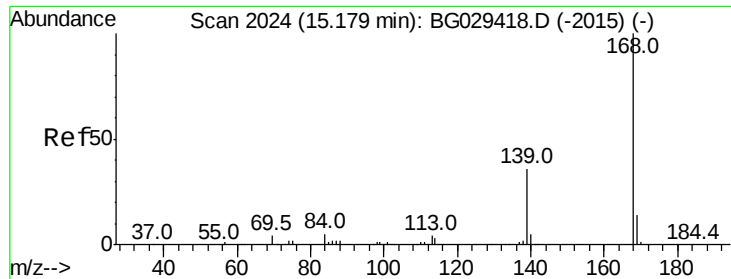
Delta R.T. -0.01 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Tgt Ion:	153	Resp:	20268
Ion Ratio	Lower	Upper	
153	100		
152	45.4	38.2	57.2
154	84.3	70.6	105.8





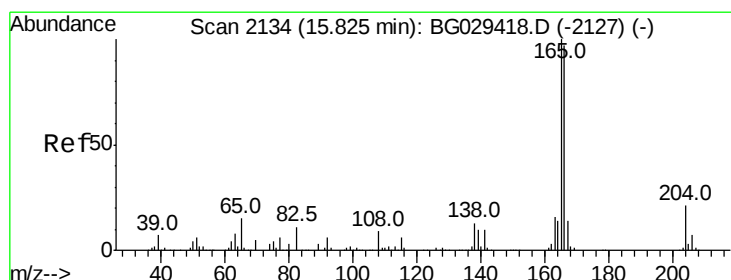
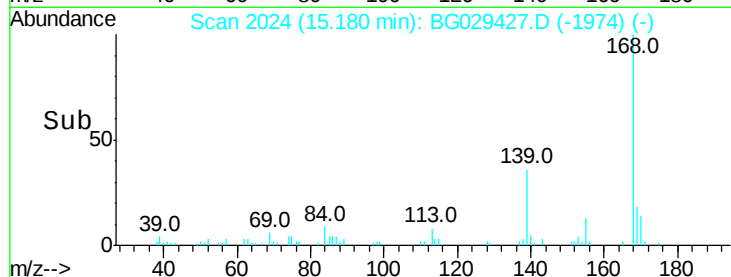
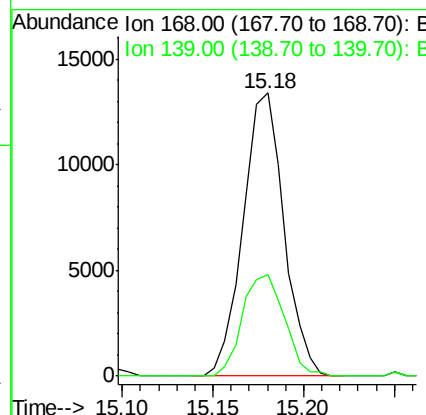
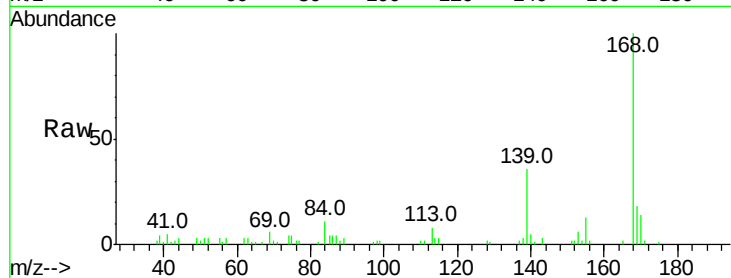
#53
Dibenzenofuran
Concen: 1.017 ng/ul
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029427.D
Acq: 24 Oct 2017 16:41

Instrument :
BNA_G
ClientSampled :
CB3L6

Tot Ion:168 Resp: 20971
Ion Ratio Lower Upper
168 100
139 36.0 31.4 47.2

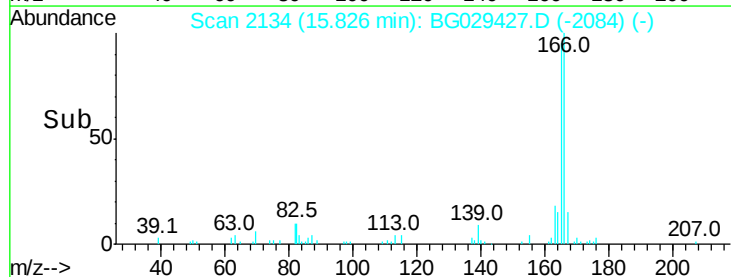
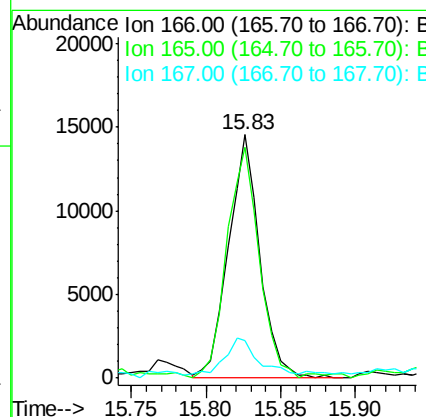
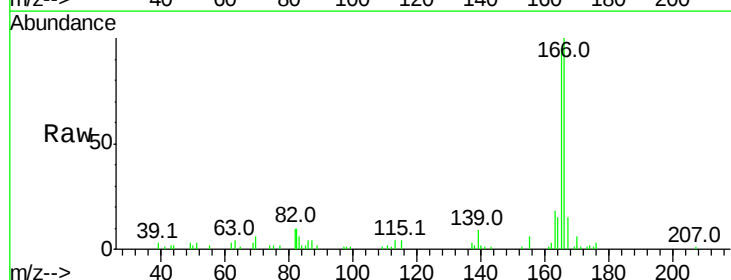
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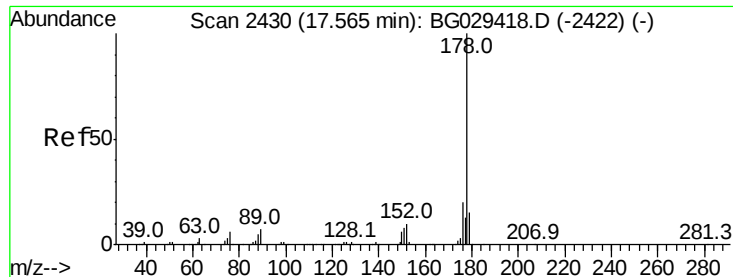
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#58
Fluorene
Concen: 1.296 ng/ul
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG029427.D
Acq: 24 Oct 2017 16:41

Tgt Ion:166 Resp: 21329
Ion Ratio Lower Upper
166 100
165 94.8 79.9 119.9
167 15.2 10.6 16.0





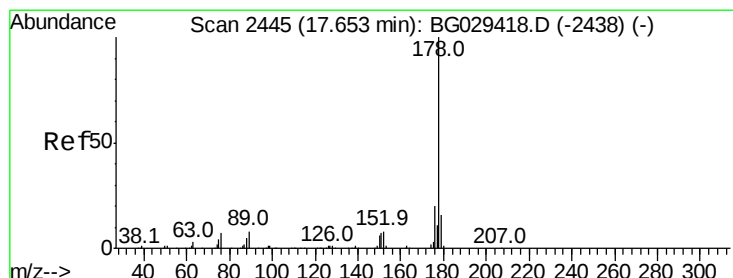
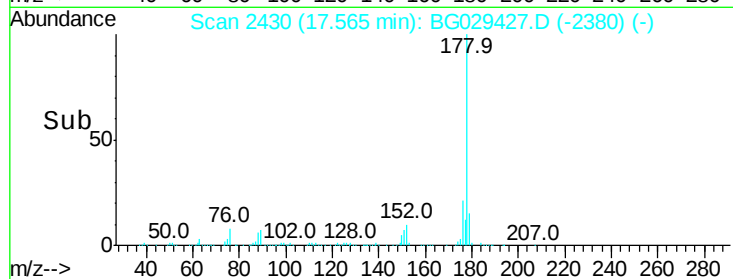
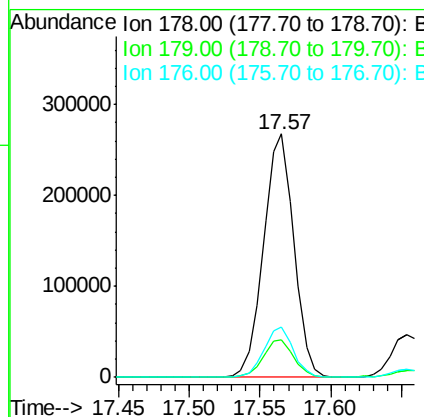
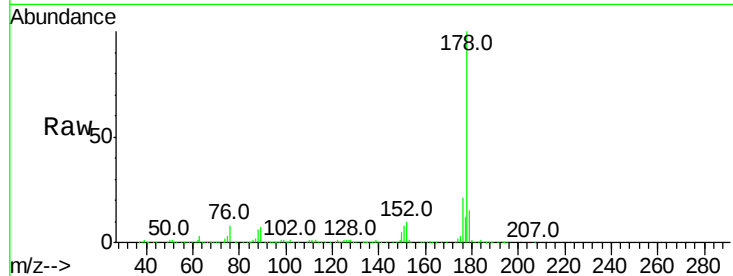
#69
Phenanthrene
Concen: 15.234 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029427.D
Acq: 24 Oct 2017 16:41

Instrument :
BNA_G
ClientSampleId :
CB3L6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.6
176	20.7	15.3	22.9

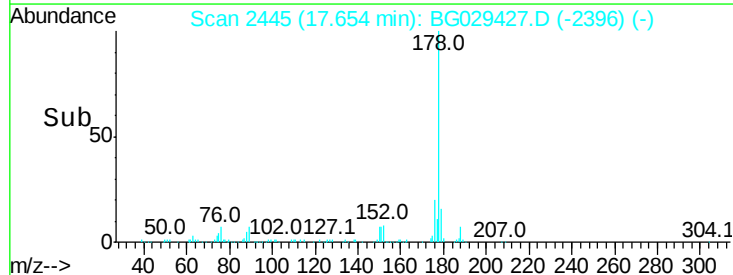
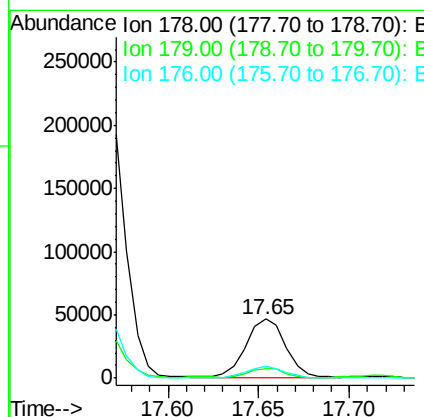
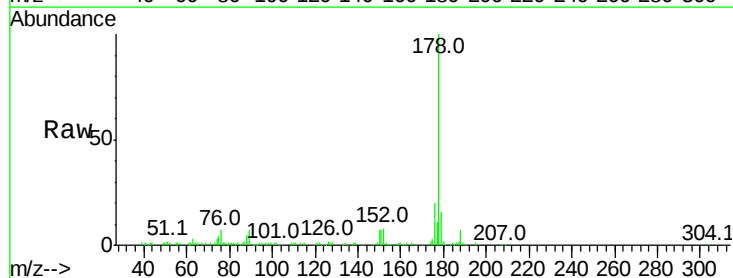
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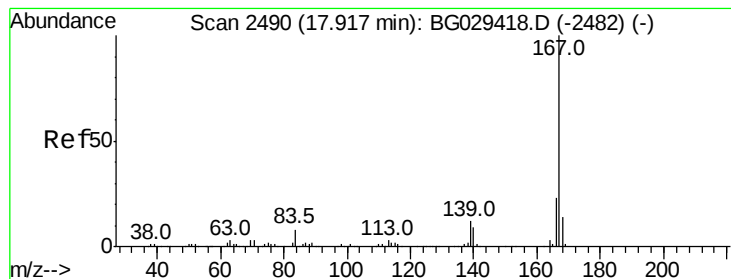
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#71
Anthracene
Concen: 2.647 ng/ul
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029427.D
Acq: 24 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	19.5	16.0	24.0





#72

Carbazole

Concen: 1.528 ng/ul

RT: 17.92 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Instrument :

BNA_G

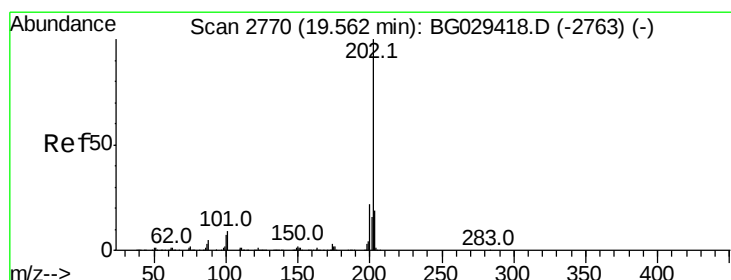
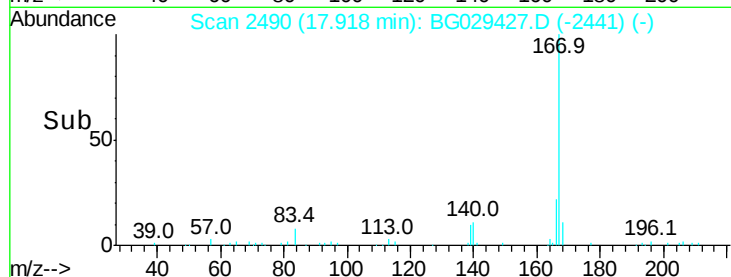
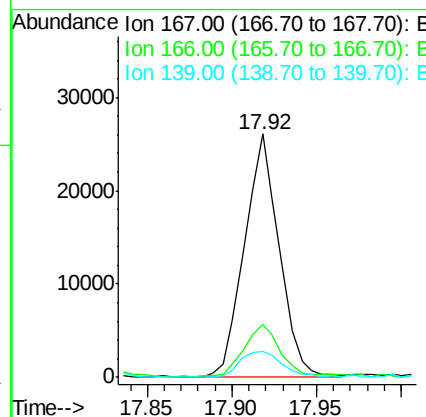
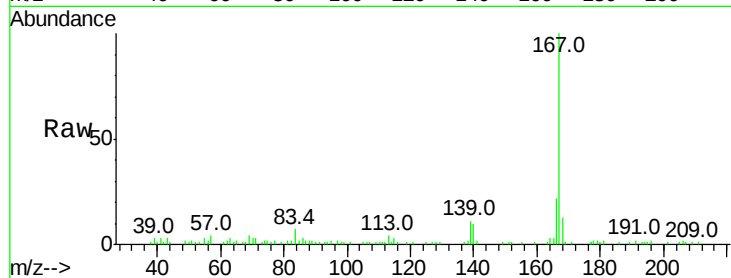
ClientSampleId :

CB3L6

Tot Ion:	167	Resp:	37562
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.6	28.0
139	10.8	10.6	16.0

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#74

Fluoranthene

Concen: 22.537 ng/ul

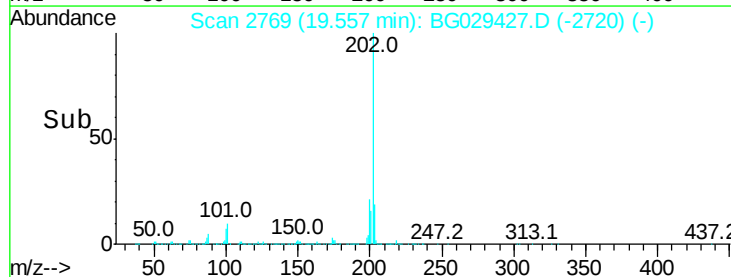
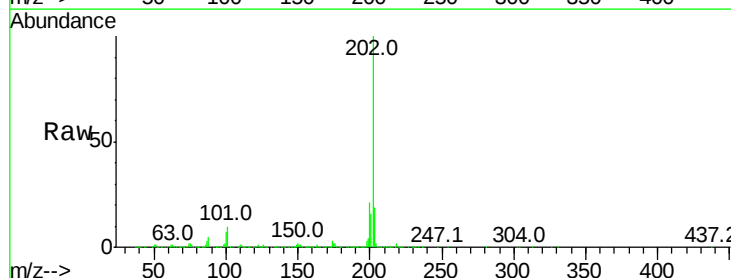
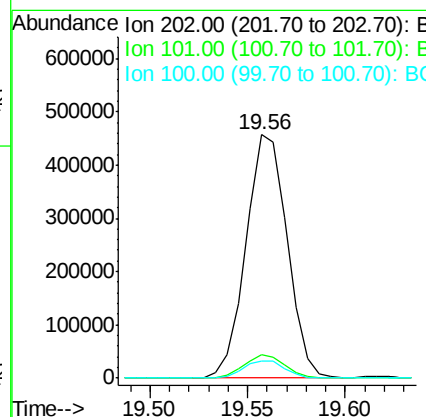
RT: 19.56 min Scan# 2769

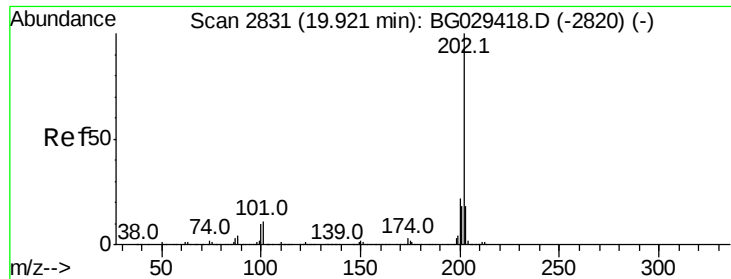
Delta R.T. -0.01 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Tgt Ion:	202	Resp:	667519
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.4	11.2
100	7.1	5.6	8.4





#77

Pvrene

Concen: 17.357 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Instrument :

BNA_G

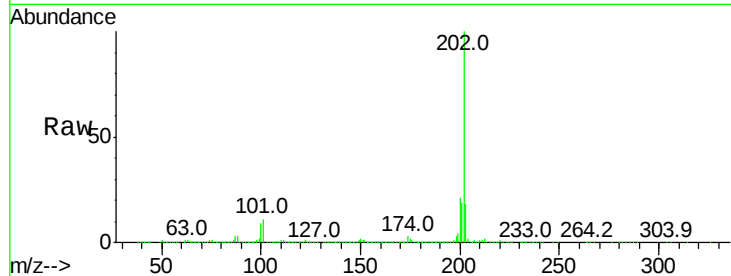
ClientSampled :

CB3L6

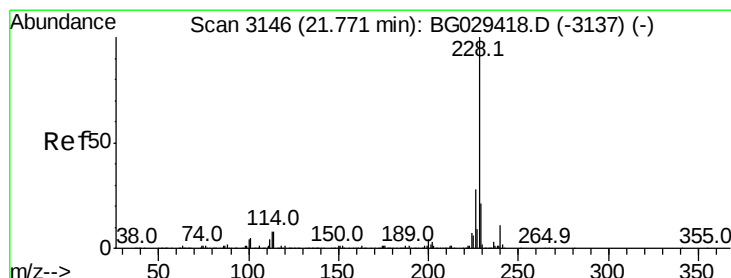
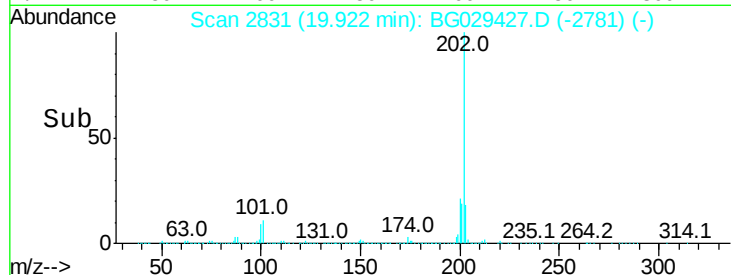
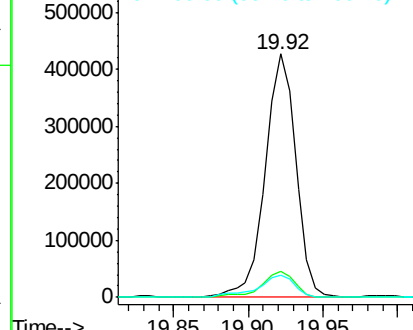
Tot Ion:	202	Resp:	604518
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.4	12.6
100	9.1	7.0	10.6

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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): E



#80

Benzo(a)anthracene

Concen: 10.596 ng/ul

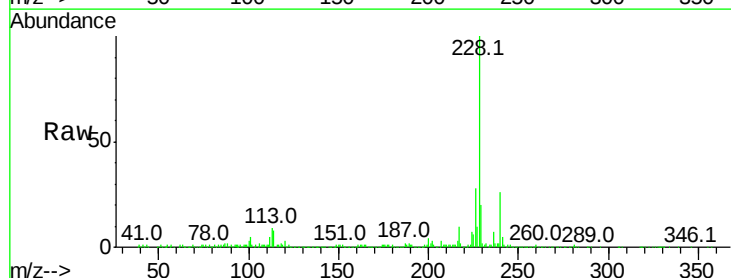
RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

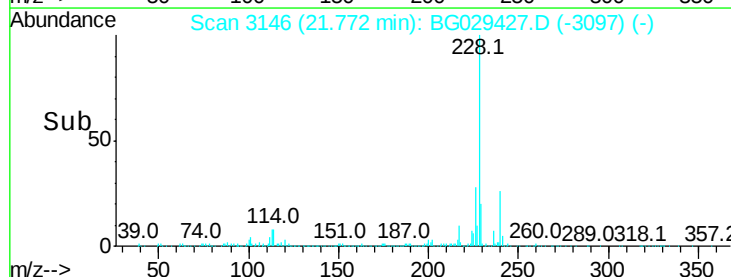
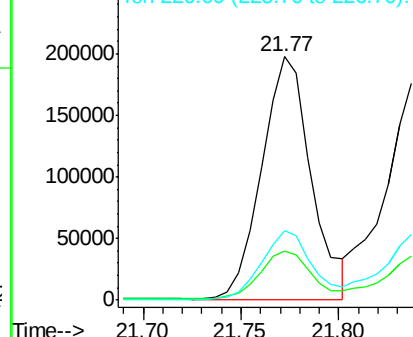
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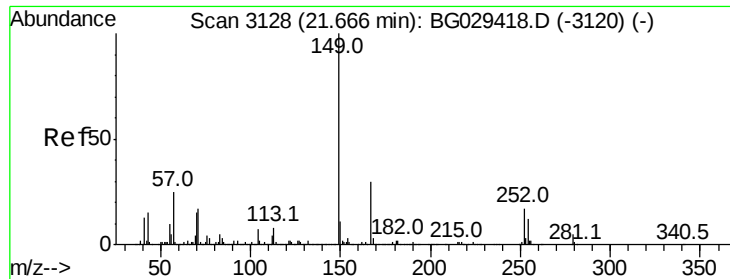
Acq: 24 Oct 2017 16:41

Tgt Ion:	228	Resp:	345083
Ion Ratio	Lower	Upper	
228	100		
229	20.0	16.2	24.4
226	28.5	22.2	33.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





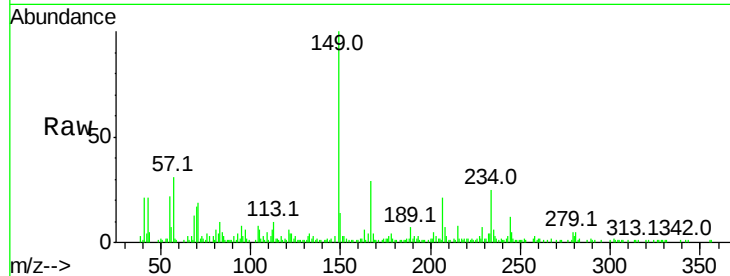
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.471 ng/ul
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029427.D
 Acq: 24 Oct 2017 16:41

Instrument :
 BNA_G
 ClientSampled :
 CB3L6

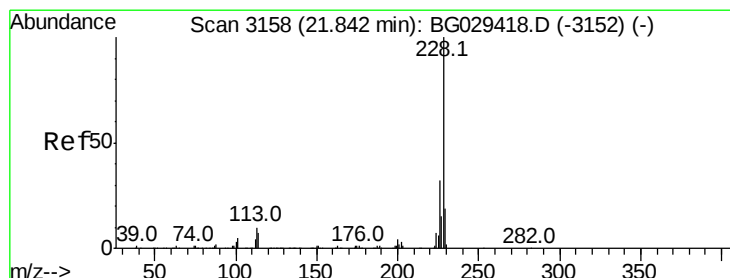
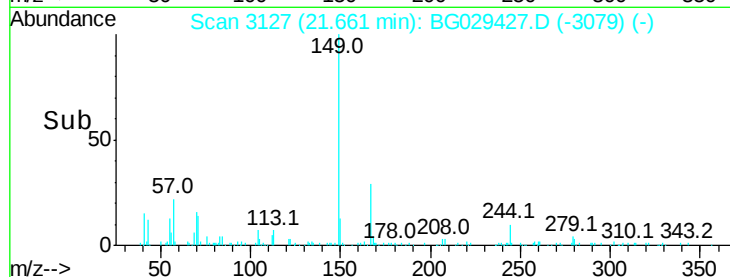
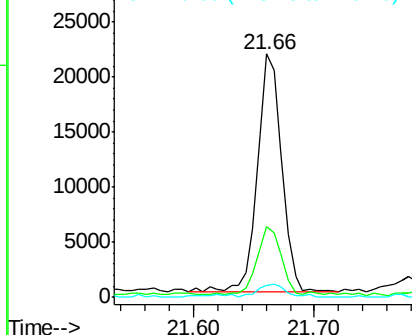
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.2	34.8
279	5.1	3.1	4.7

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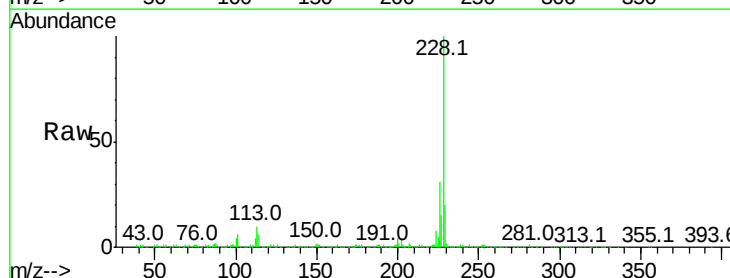


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

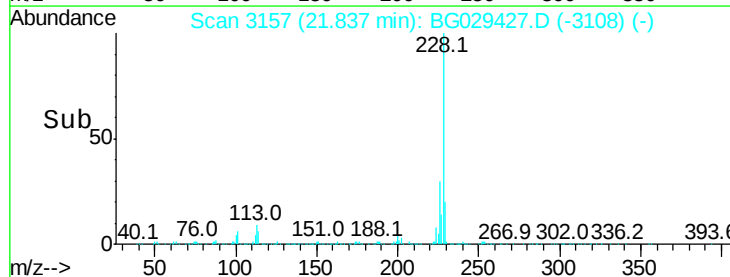
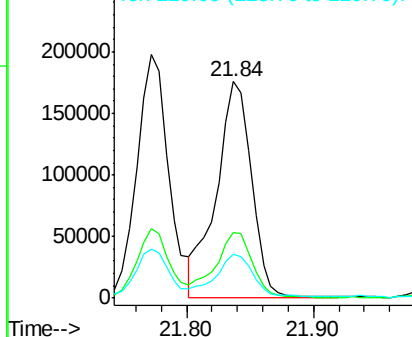


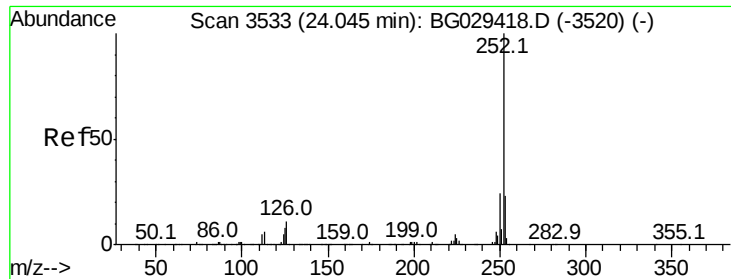
#82
 Chrysene
 Concen: 11.377 ng/ul
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029427.D
 Acq: 24 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.3	15.2	22.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 14.426 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Instrument :

BNA_G

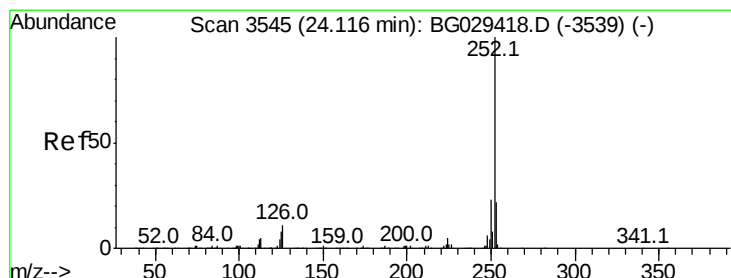
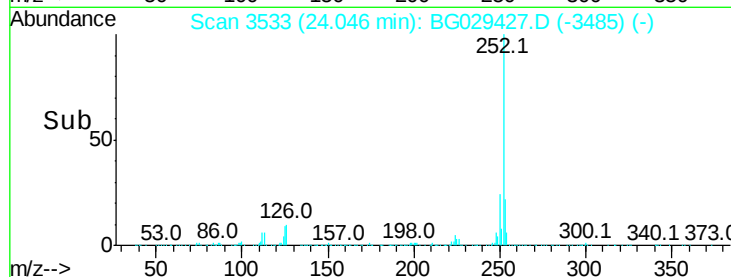
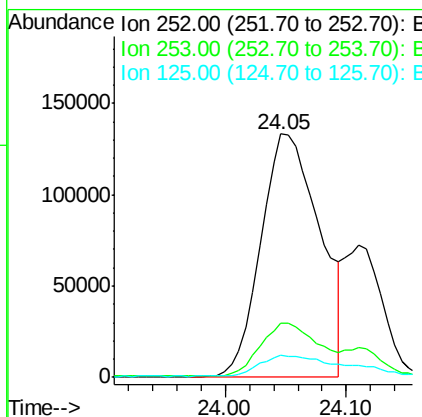
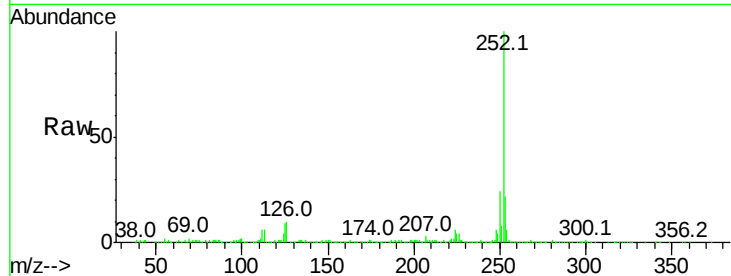
ClientSampleId :

CB3L6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	9.1	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 5.265 ng/ul m

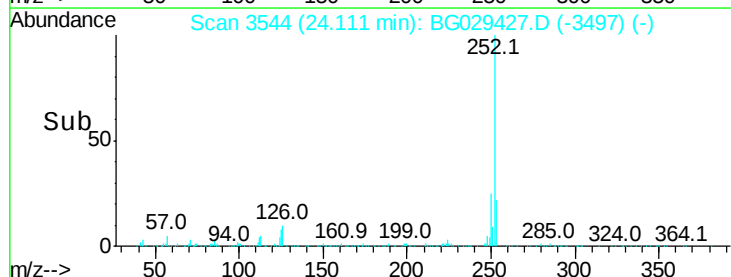
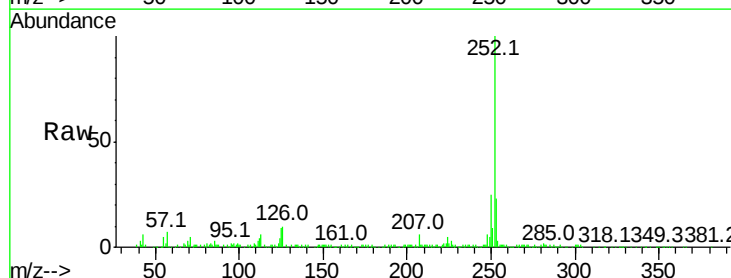
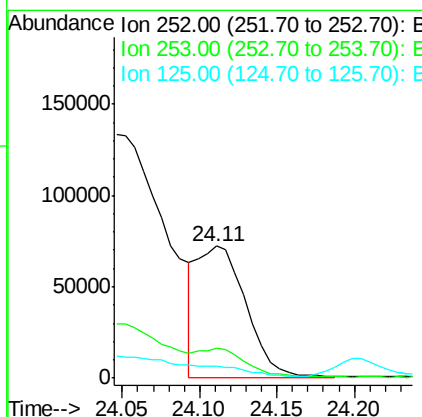
RT: 24.11 min Scan# 3544

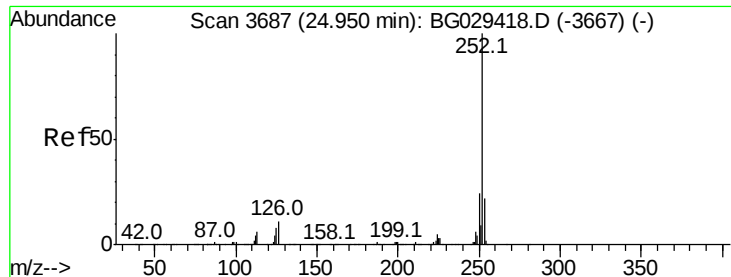
Delta R.T. -0.02 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	9.0	7.8	11.8





#88

Benzo(a)pyrene

Concen: 9.957 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Instrument :

BNA_G

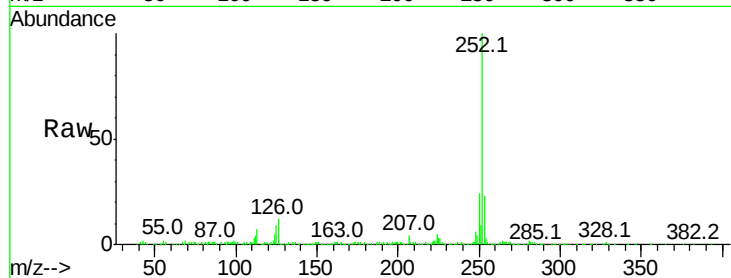
ClientSampled :

CB3L6

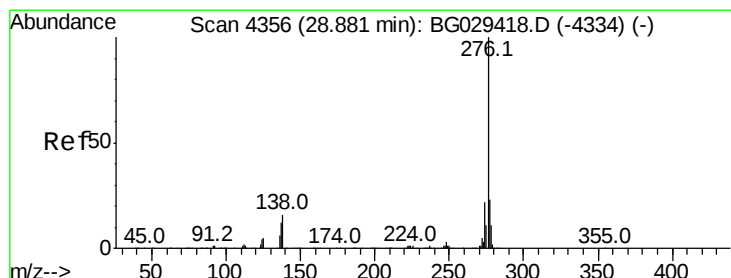
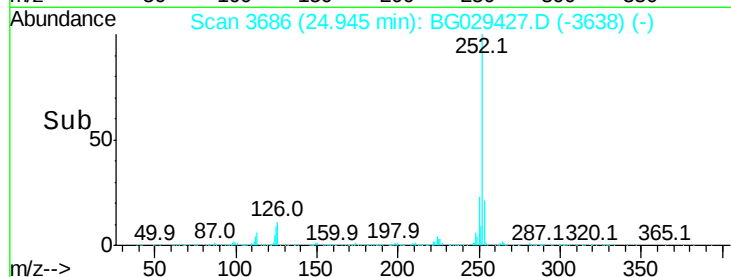
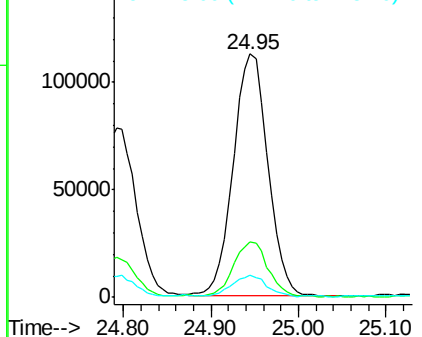
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.1	7.8	11.8

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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



#89

Indeno(1,2,3-cd)pyrene

Concen: 6.549 ng/ul

RT: 28.88 min Scan# 4355

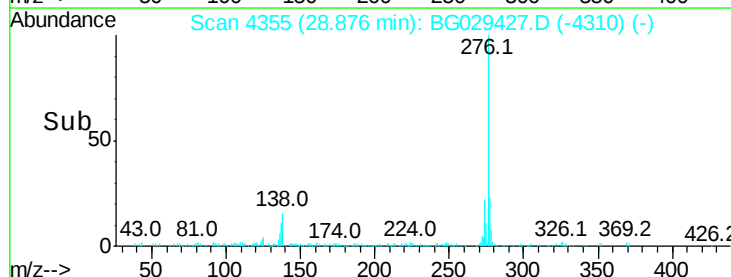
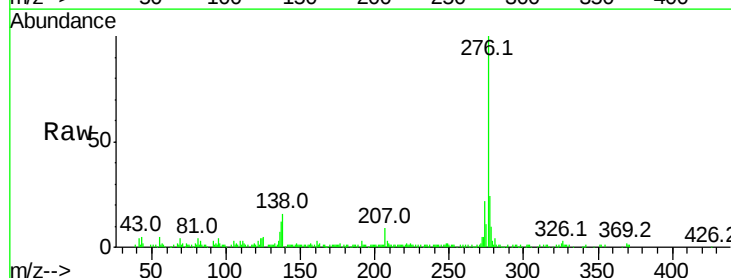
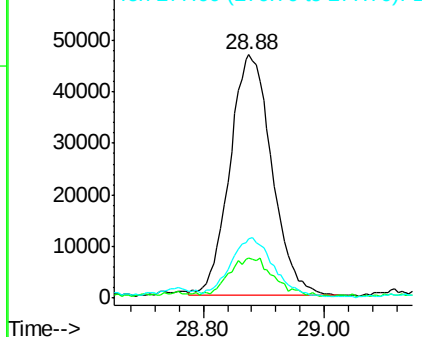
Delta R.T. -0.04 min

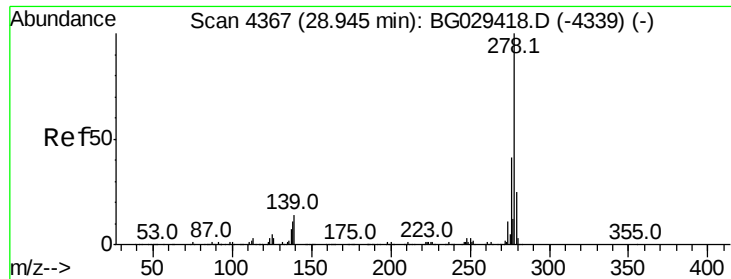
Lab File: BG029427.D

Acq: 24 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.4	20.0
277	24.3	18.6	28.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





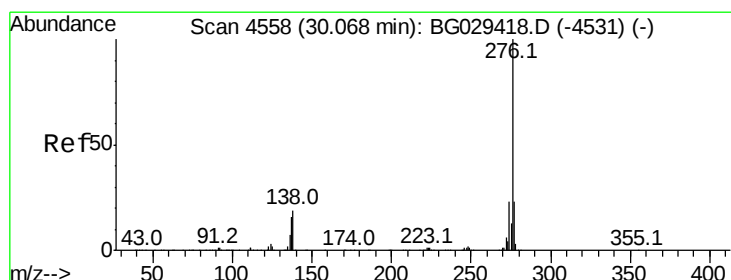
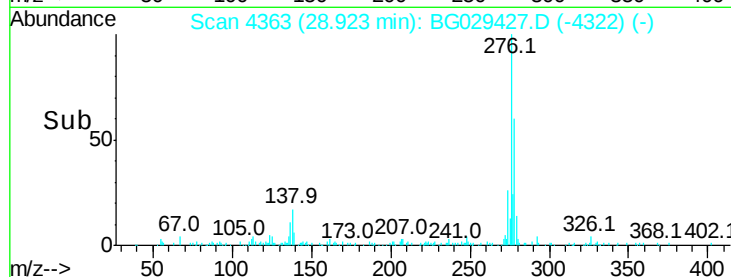
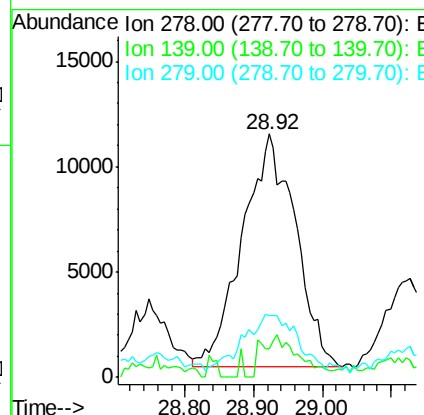
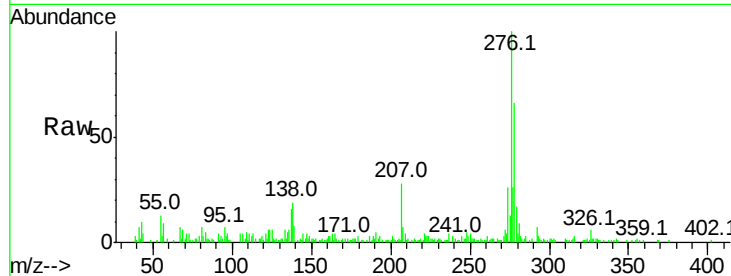
#90
Dibenzo(a,h)anthracene
Concen: 2.075 ng/ul
RT: 28.92 min Scan# 4363
Delta R.T. -0.06 min
Lab File: BG029427.D
Acq: 24 Oct 2017 16:41

Instrument :
BNA_G
ClientSampled :
CB3L6

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.4	14.2
279	25.2	18.4	27.6

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#91
Benzo(g,h,i)perylene
Concen: 7.064 ng/ul
RT: 30.07 min Scan# 4558
Delta R.T. -0.03 min
Lab File: BG029427.D
Acq: 24 Oct 2017 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.1	18.1
277	25.9	17.7	26.5

