

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029465.D
 Acq On : 26 Oct 2017 6:20
 Operator : SJ/JU
 Sample : I5792-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D07

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:32:23 PM

Quant Time: Oct 26 16:33:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:08:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	78483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	364226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	238998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	556824	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	589903	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	595599	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	16869	8.74	ng/uL	0.00
5) Phenol-d5	7.32	99	358664	47.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	207968	44.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	284624	53.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	269778	44.34	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	144928	55.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	174033	64.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	314564	51.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	288482m	40.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	949899	46.49	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1211777	48.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	155625	41.26	ng/ul	0.00
57) Fluorene-d10	15.77	176	878613	52.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	158838	58.44	ng/ul	0.00
70) Anthracene-d10	17.63	188	1259473	47.83	ng/ul	0.00
76) Pyrene-d10	19.90	212	1446825	47.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1427784	50.61	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.34	94	40351	5.177 ng/ul	91
44) Dimethylphthalate	14.23	163	46202	2.318 ng/ul	99
69) Phenanthrene	17.57	178	187233	6.220 ng/ul	99
74) Fluoranthene	19.56	202	254954	7.579 ng/ul	100
77) Pyrene	19.93	202	293694	7.429 ng/ul	99
80) Benzo(a)anthracene	21.78	228	143881	3.892 ng/ul	98
82) Chrysene	21.84	228	159888m	4.760 ng/ul	
85) Benzo(b)fluoranthene	24.06	252	170882	4.779 ng/ul	99
86) Benzo(k)fluoranthene	24.12	252	55230m	1.598 ng/ul	
88) Benzo(a)pyrene	24.96	252	124582	3.579 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.90	276	82190	2.087 ng/ul	97
91) Benzo(g,h,i)perylene	30.09	276	69879	2.141 ng/ul#	91

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

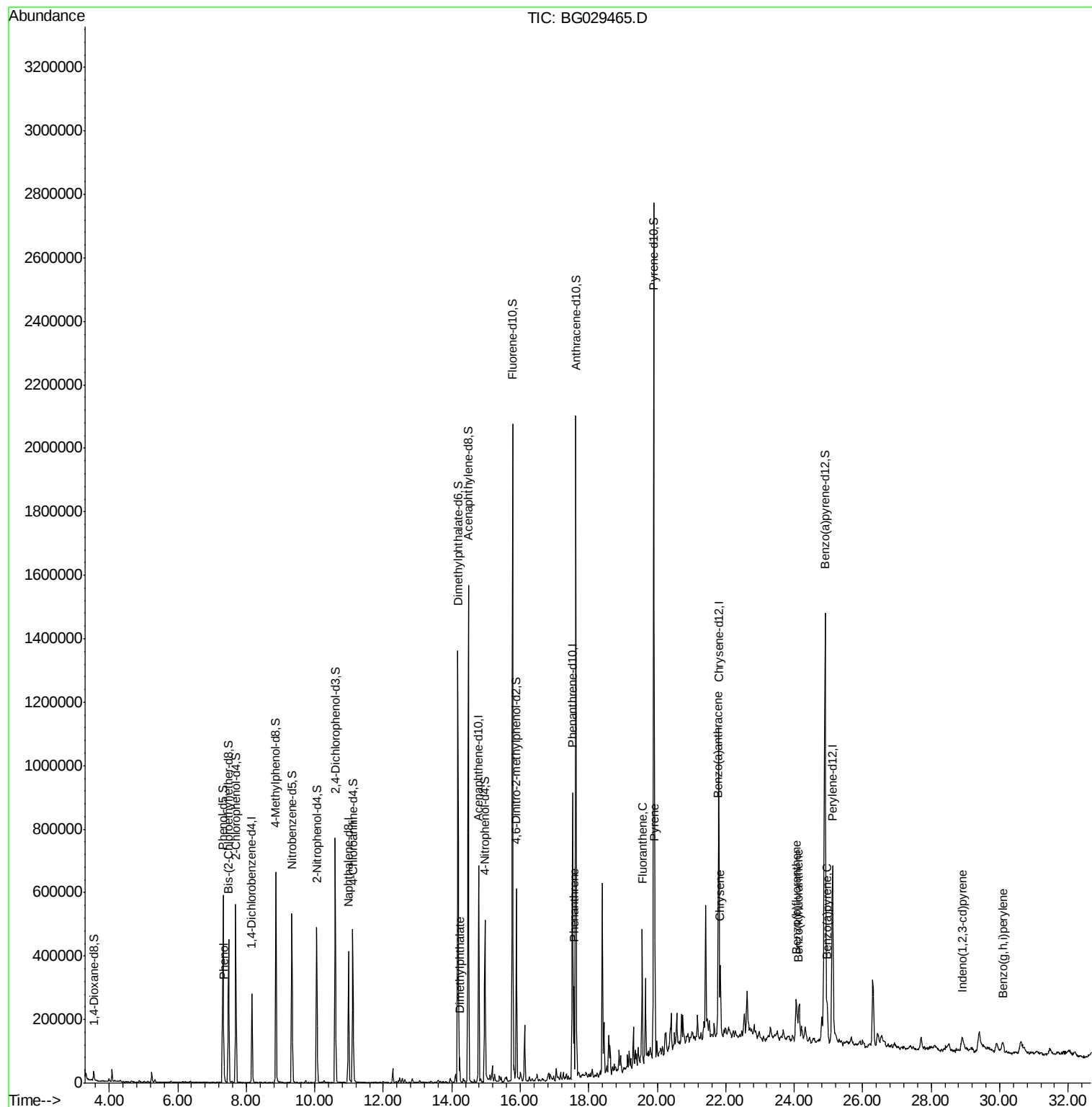
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029465.D
Acq On : 26 Oct 2017 6:20
Operator : SJ/JU
Sample : I5792-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

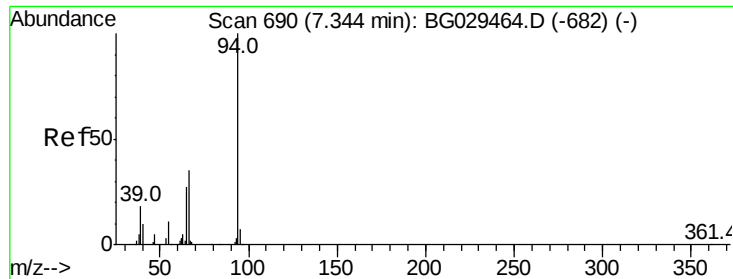
Instrument :
BNA_G
ClientSampleId :
B0D07

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Quant Time: Oct 26 16:33:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:08:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.177 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Instrument :

BNA_G

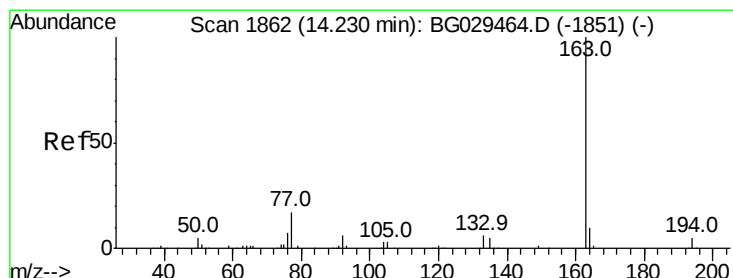
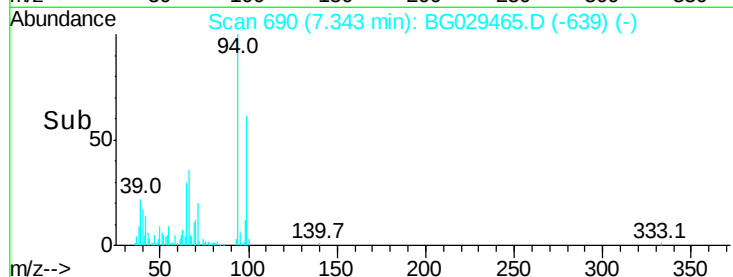
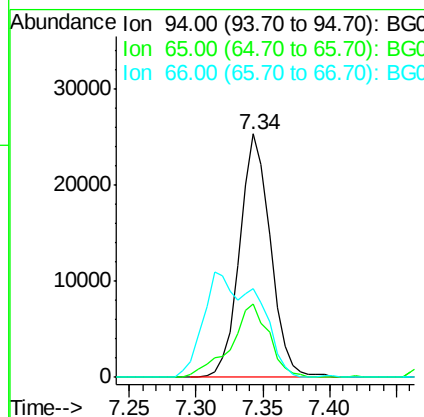
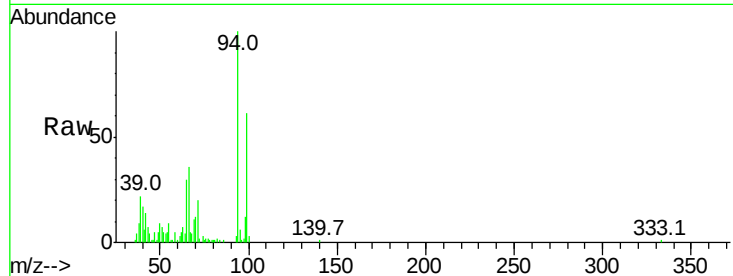
ClientSampleId :

B0D07

Tot Ion:	94	Resp:	40351
Ion Ratio	Lower	Upper	
94	100		
65	30.0	27.1	40.7
66	36.5	34.6	52.0

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#44

Dimethylphthalate

Concen: 2.318 ng/ul

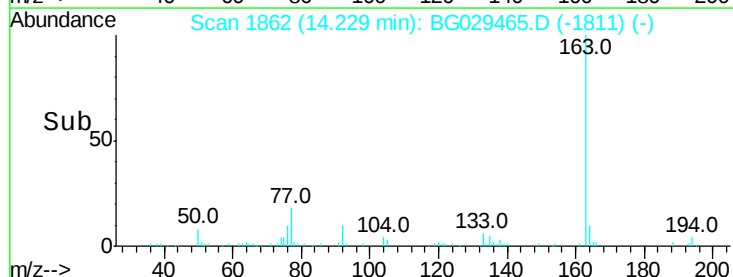
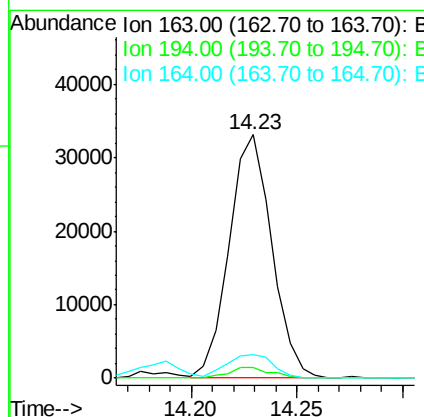
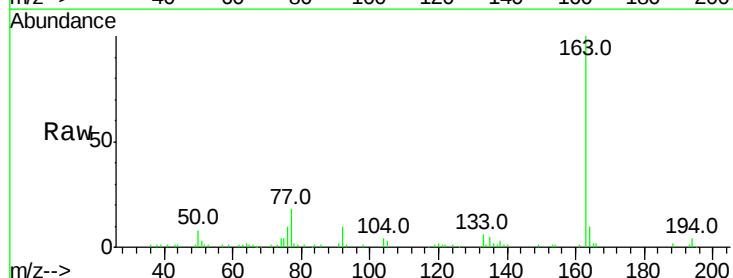
RT: 14.23 min Scan# 1862

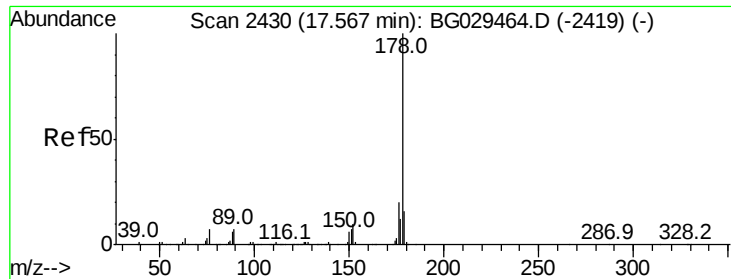
Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Tgt Ion:	163	Resp:	46202
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.7	7.6	11.4





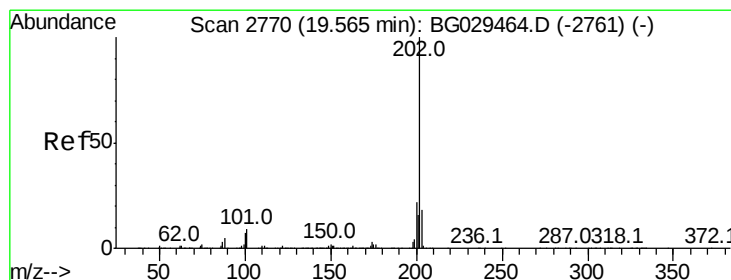
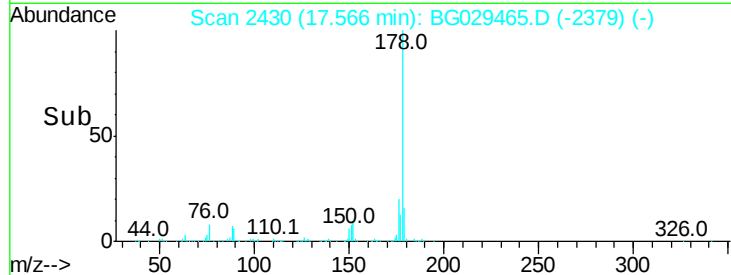
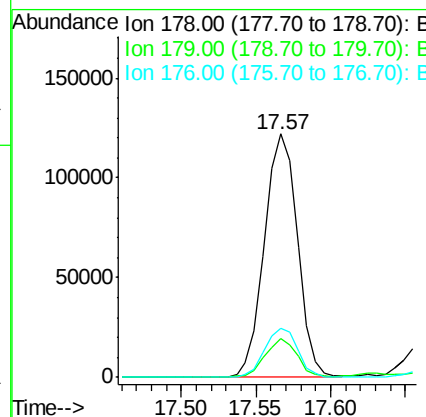
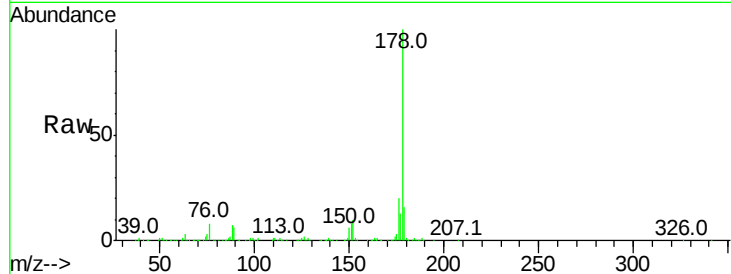
#69
 Phenanthrene
 Concen: 6.220 ng/ul
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

Instrument :
 BNA_G
 ClientSampleId :
 B0D07

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	20.0	15.3	22.9

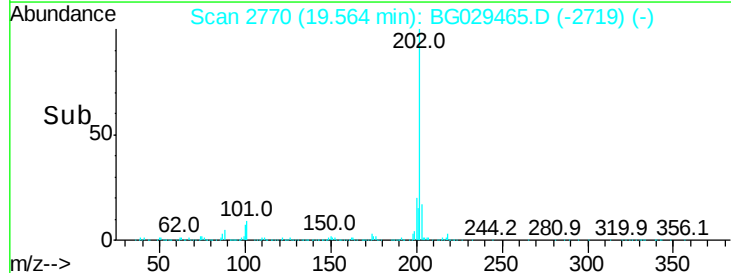
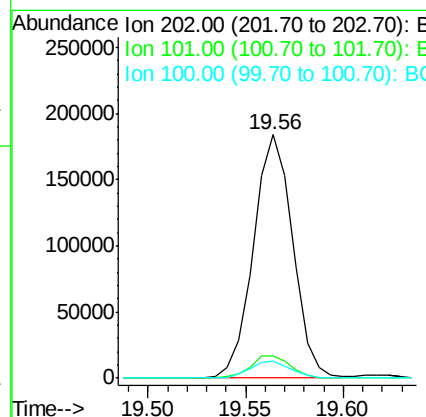
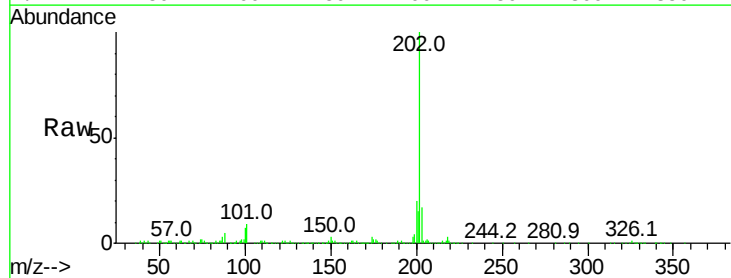
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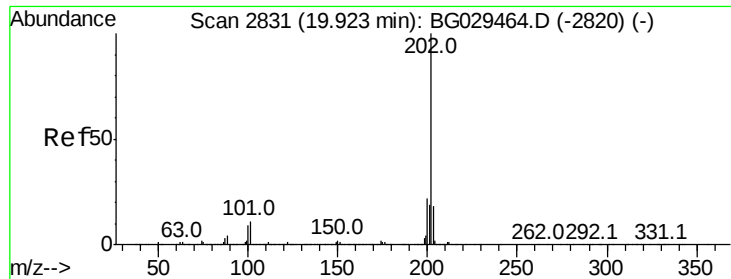
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#74
 Fluoranthene
 Concen: 7.579 ng/ul
 RT: 19.56 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.2
100	7.2	5.6	8.4





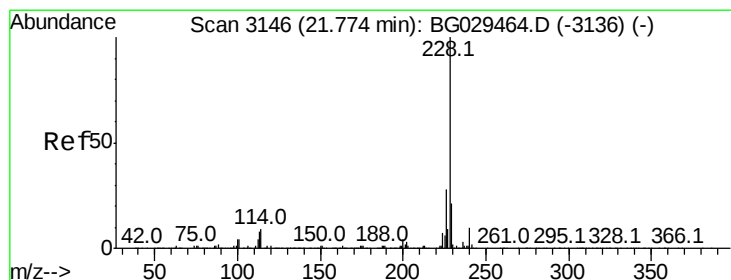
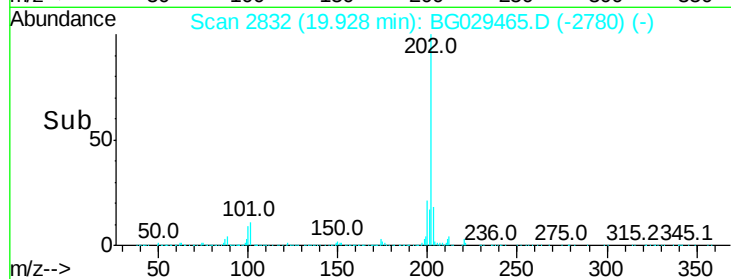
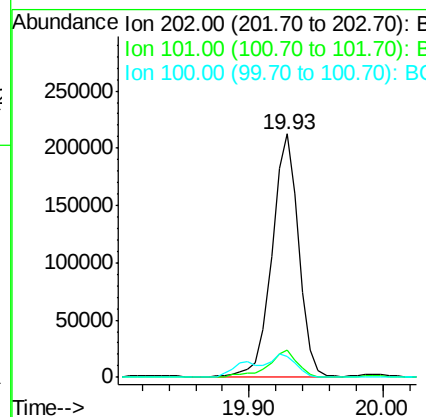
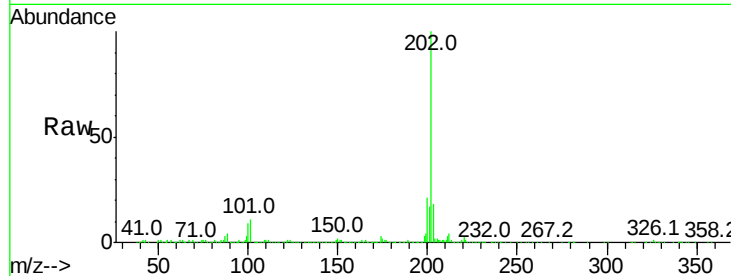
#77
Pvrene
Concen: 7.429 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG029465.D
Acq: 26 Oct 2017 6:20

Instrument :
BNA_G
ClientSampled :
B0D07

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.4	12.6
100	8.6	7.0	10.6

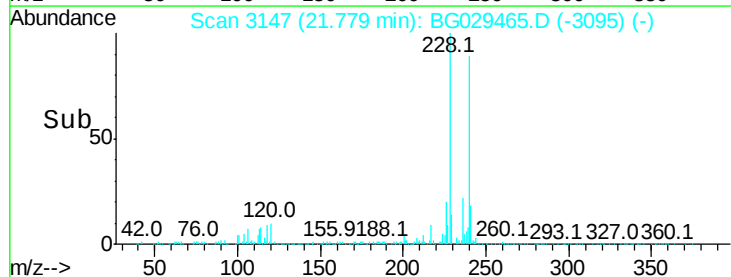
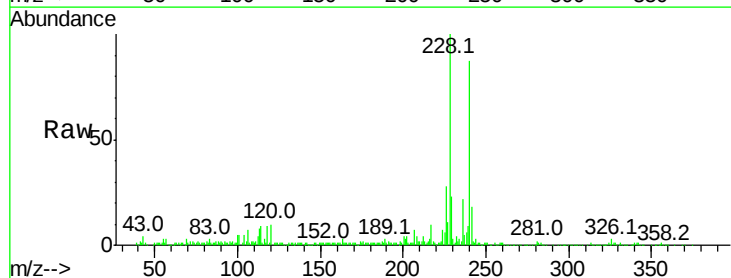
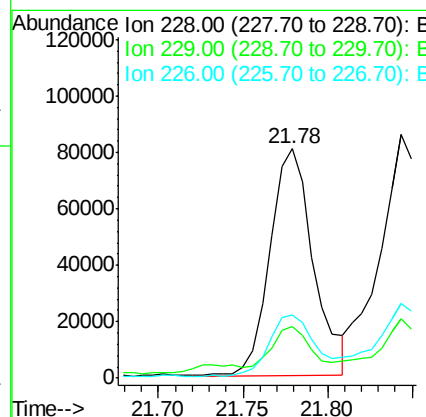
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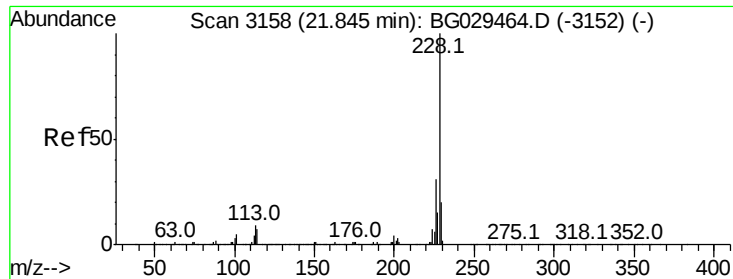
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#80
Benzo(a)anthracene
Concen: 3.892 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG029465.D
Acq: 26 Oct 2017 6:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.6	16.2	24.4
226	27.7	22.2	33.2





#82

Chrysene

Concen: 4.760 ng/ul m

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Instrument :

BNA_G

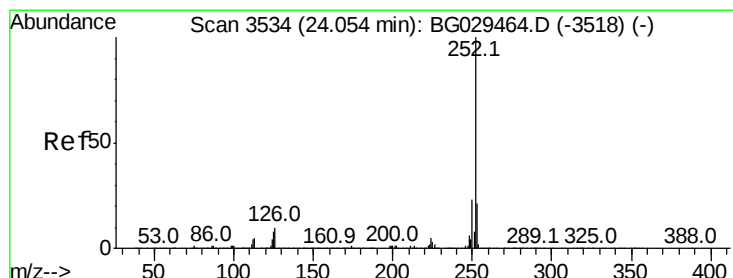
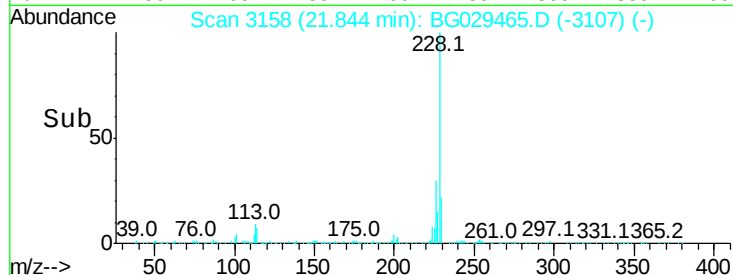
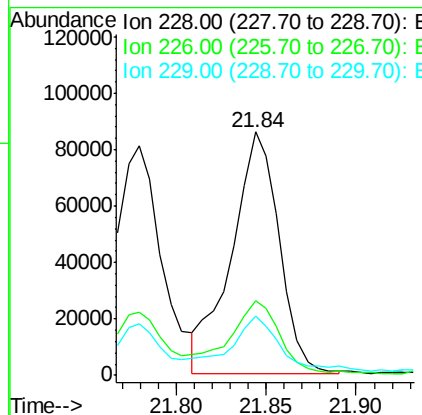
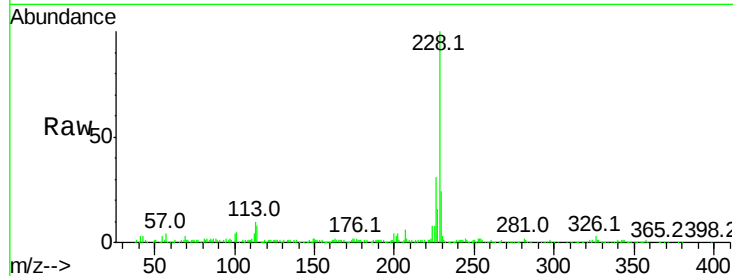
ClientSampled :

B0D07

Tot Ion:	228	Resp:	159888
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.2	36.2
229	24.4	15.2	22.8#

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#85

Benzo(b)fluoranthene

Concen: 4.779 ng/ul

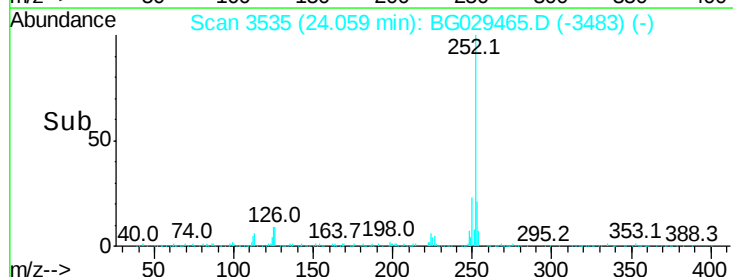
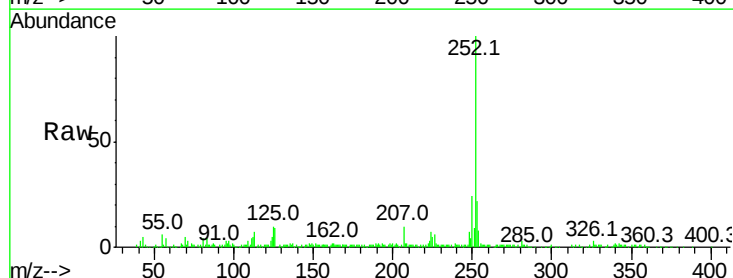
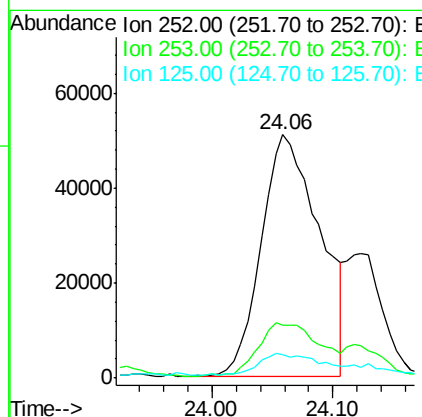
RT: 24.06 min Scan# 3535

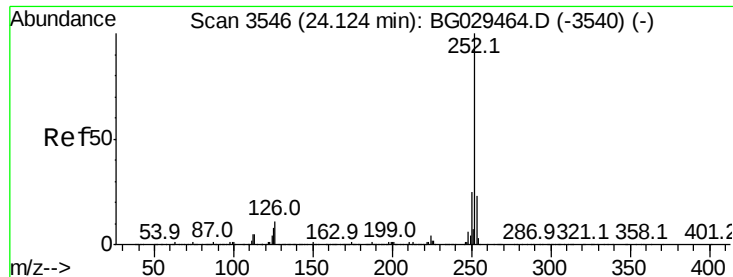
Delta R.T. 0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Tgt Ion:	252	Resp:	170882
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.4
125	9.9	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 1.598 ng/ul m

RT: 24.12 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Instrument :

BNA_G

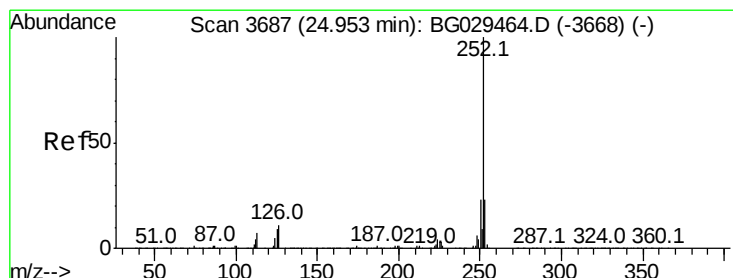
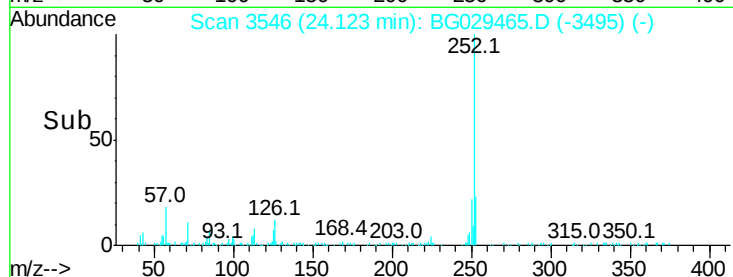
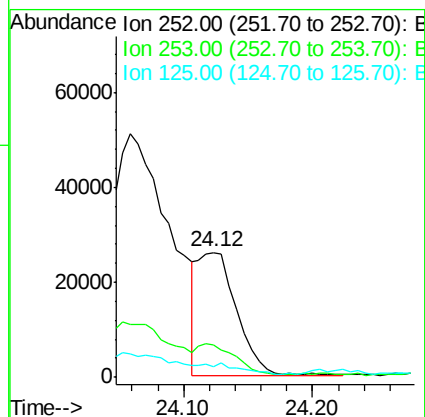
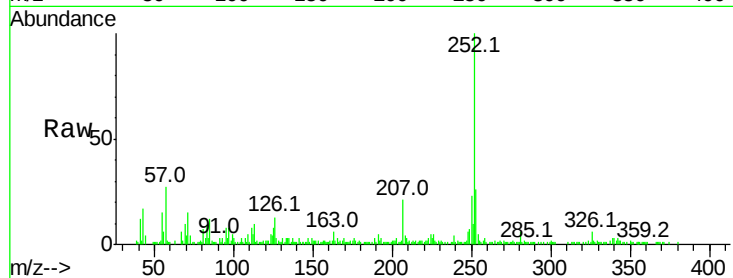
ClientSampleId :

B0D07

Tot Ion:	252	Resp:	55230
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.2	25.8#
125	8.5	7.8	11.8

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#88

Benzo(a)pyrene

Concen: 3.579 ng/ul

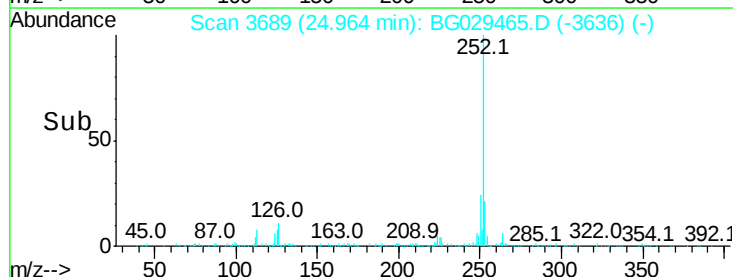
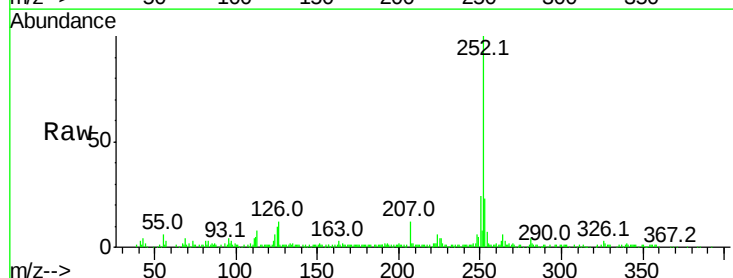
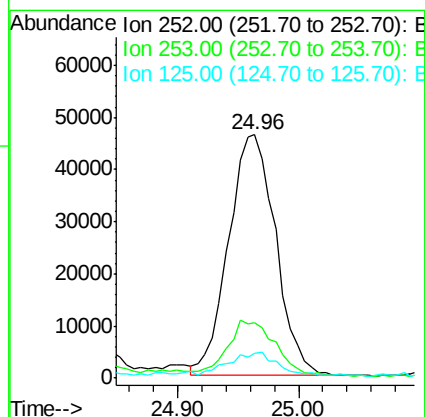
RT: 24.96 min Scan# 3689

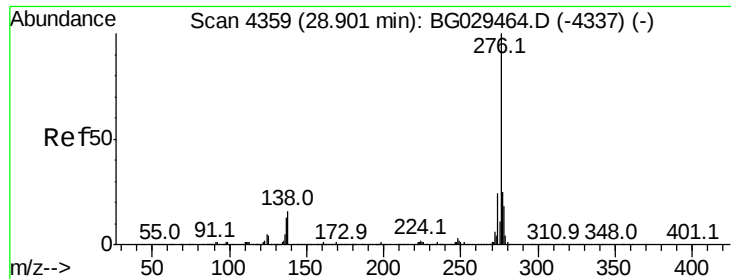
Delta R.T. 0.01 min

Lab File: BG029465.D

Acq: 26 Oct 2017 6:20

Tgt Ion:	252	Resp:	124582
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	10.3	7.8	11.8





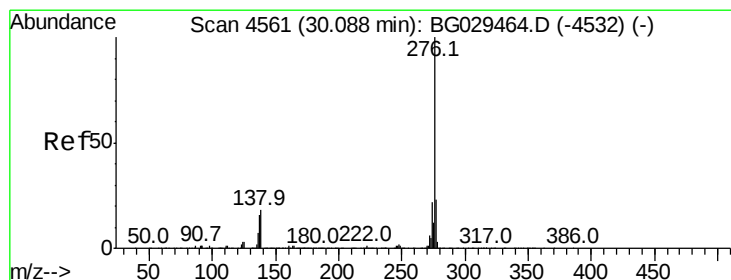
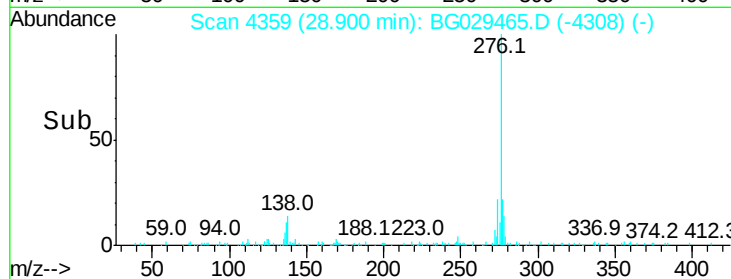
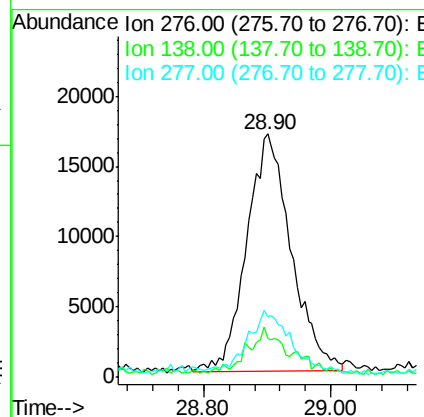
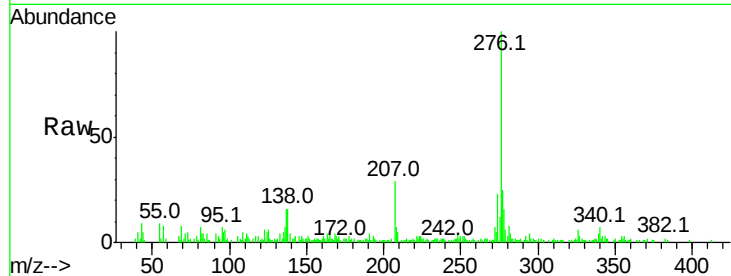
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.087 ng/ul
 RT: 28.90 min Scan# 4359
 Delta R.T. -0.00 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

Instrument :
 BNA_G
 ClientSampleId :
 B0D07

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.4	20.0
277	24.6	18.6	28.0

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#91
 Benzo(g,h,i)perylene
 Concen: 2.141 ng/ul
 RT: 30.09 min Scan# 4562
 Delta R.T. 0.01 min
 Lab File: BG029465.D
 Acq: 26 Oct 2017 6:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	12.1	18.1
277	27.4	17.7	26.5#

