

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029104.D
 Acq On : 9 Oct 2017 12:39
 Operator : SJ/JU
 Sample : I5576-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAF53

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:23 PM

Quant Time: Oct 10 05:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46146	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	220597	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	149316	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	339496m	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	362735m	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	374164	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	550711	35.46	ng/ul	0.00
10) Fluorene-d10	15.81	176	406532	36.09	ng/ul	0.00
14) Anthracene-d10	17.66	188	584611	35.55	ng/ul	0.00
18) Pyrene-d10	19.93	212	686738	37.00	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	646382	36.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	29786	2.594	ng/ul	98
4) 2-Methylnaphthalene	12.67	142	13909	1.596	ng/ul	90
13) Phenanthrene	17.60	178	77711m	4.291	ng/ul	
16) Fluoranthene	19.59	202	133166m	6.273	ng/ul	
19) Pyrene	19.96	202	108483	4.798	ng/ul#	92
20) Benzo(a)anthracene	21.82	228	75227m	3.521	ng/ul	
21) Chrysene	21.89	228	102694	5.250	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	146179	6.531	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	41955m	1.920	ng/ul	
26) Benzo(a)pyrene	25.02	252	86695m	3.988	ng/ul	
27) Indeno(1,2,3-cd)pyrene	28.99	276	74561	3.022	ng/ul	96
29) Benzo(g,h,i)perylene	30.19	276	62264	3.060	ng/ul	94

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

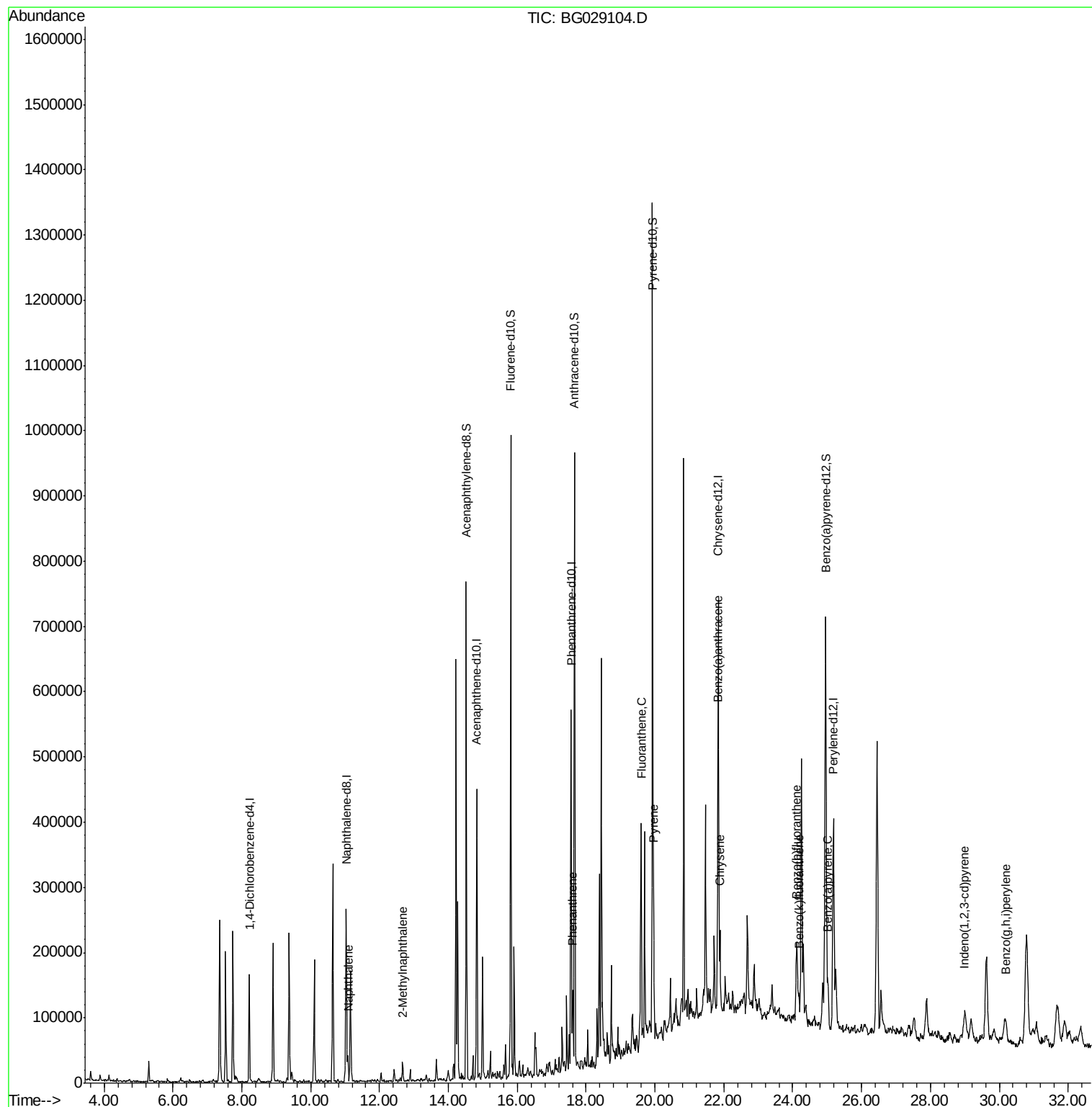
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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ALS Vial : 4 Sample Multiplier: 1

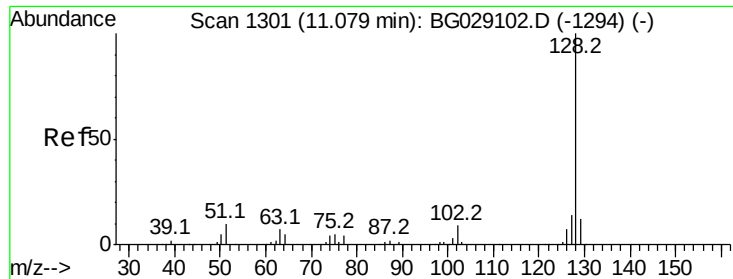
Instrument :
BNA_G
ClientSampleId :
DAF53

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Quant Time: Oct 10 05:02:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:55 2017
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#3

Naphthalene

Concen: 2.594 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG029104.D

Acq: 9 Oct 2017 12:39

Instrument :

BNA_G

ClientSampleId :

DAF53

Tot Ion:128 Resp: 29786

Ion Ratio Lower Upper

128 100

129 10.2 8.7 13.1

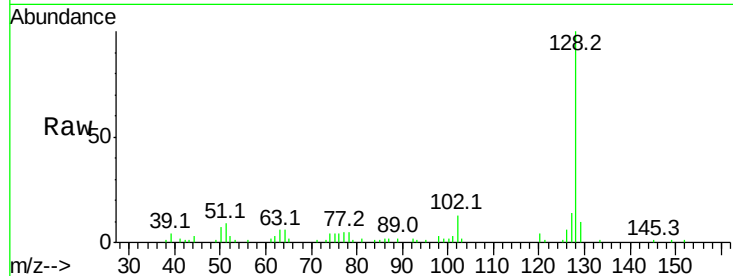
127 14.4 10.6 16.0

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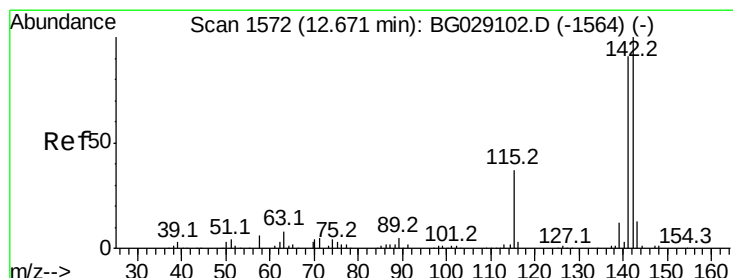
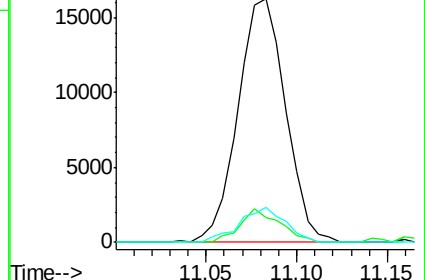
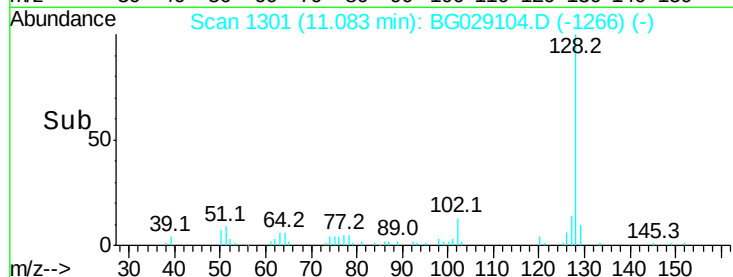
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.596 ng/ul

RT: 12.67 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BG029104.D

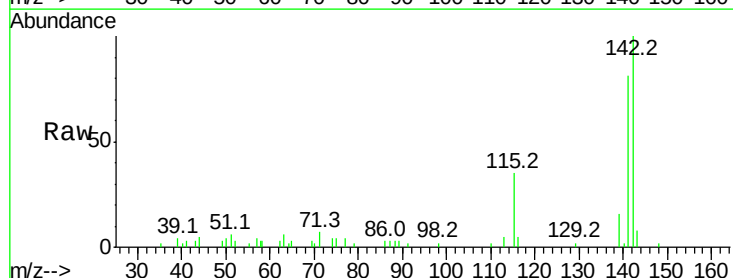
Acq: 9 Oct 2017 12:39

Tgt Ion:142 Resp: 13909

Ion Ratio Lower Upper

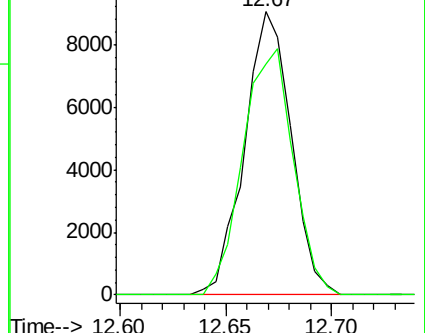
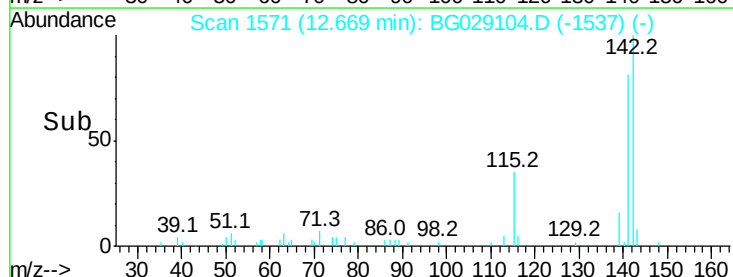
142 100

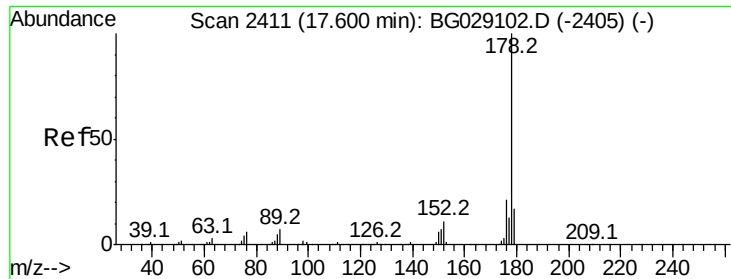
141 81.4 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





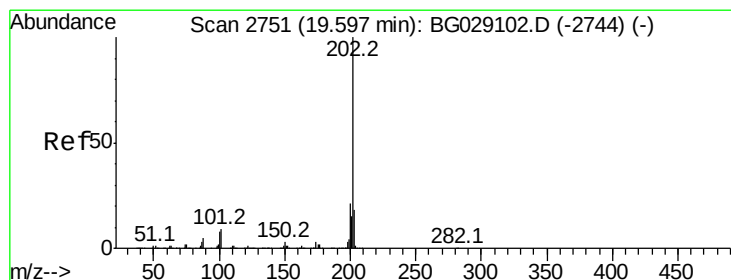
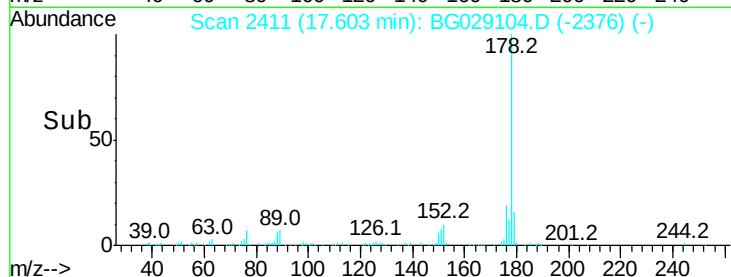
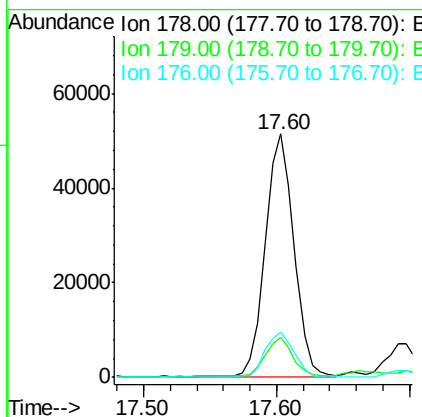
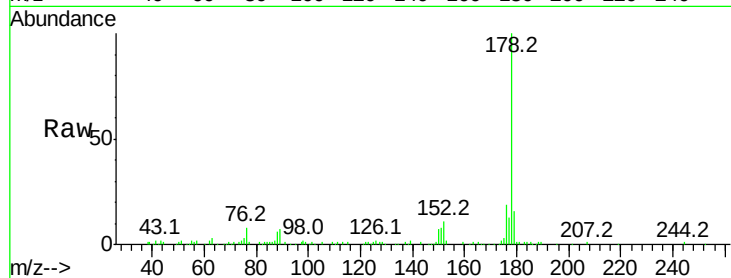
#13
Phenanthrene
Concen: 4.291 ng/ul m
RT: 17.60 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	18.7	15.1	22.7

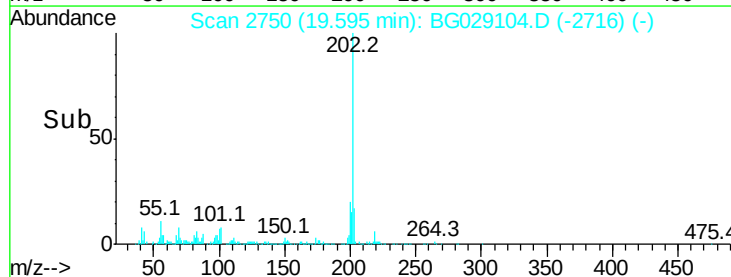
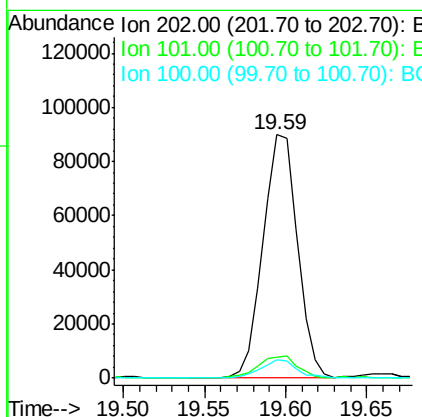
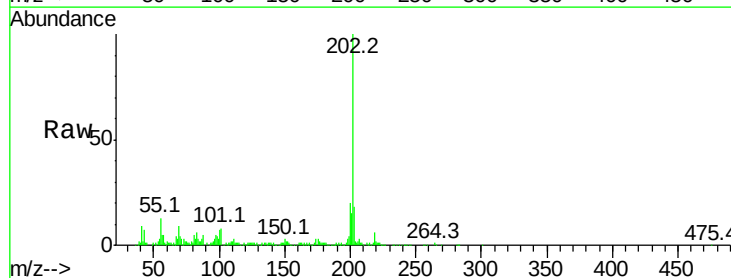
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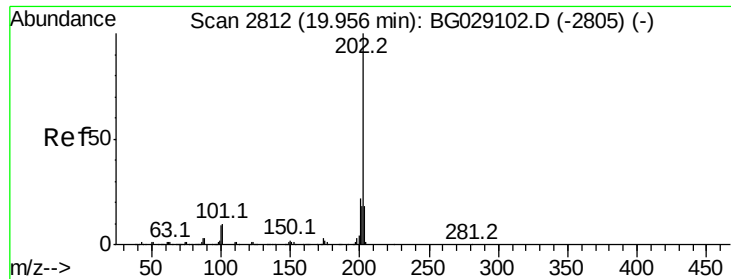
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#16
Fluoranthene
Concen: 6.273 ng/ul m
RT: 19.59 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	9.9	14.9#
100	7.3	7.4	11.0#





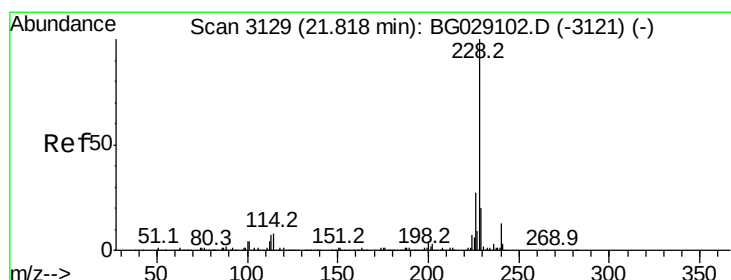
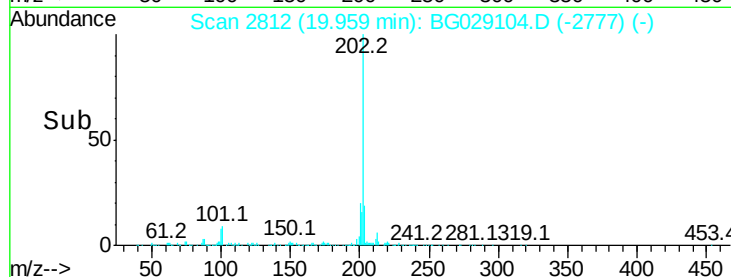
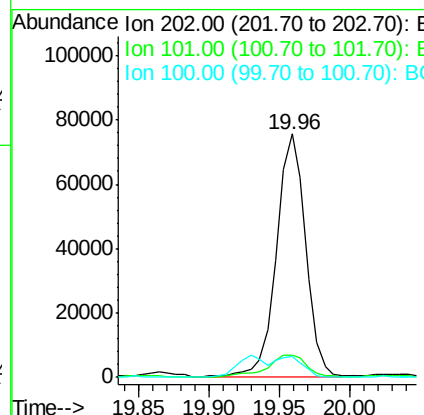
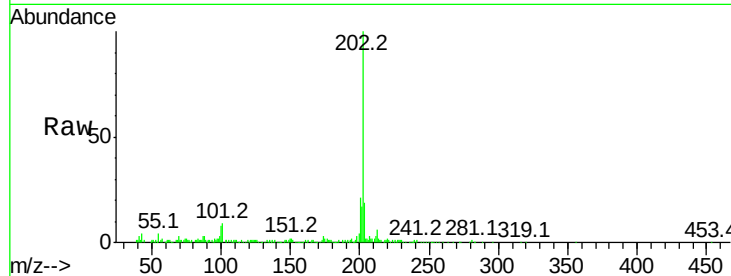
#19
Pvrene
Concen: 4.798 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	11.0	16.4#
100	8.4	8.1	12.1

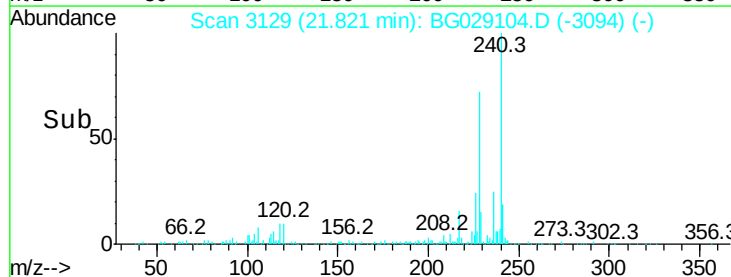
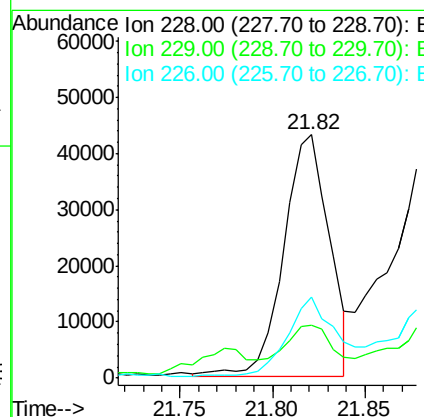
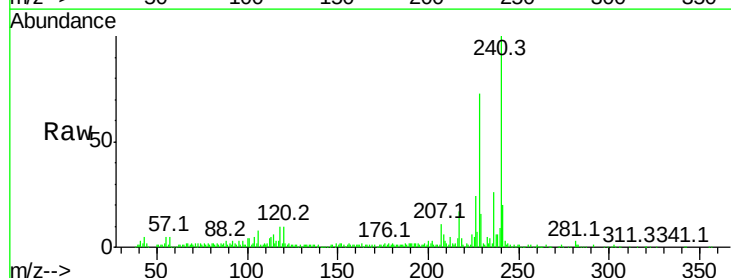
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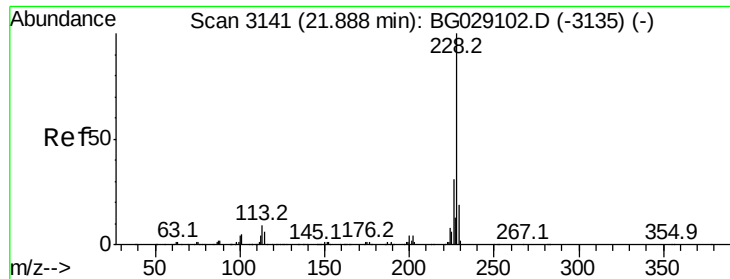
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#20
Benzo(a)anthracene
Concen: 3.521 ng/ul m
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.0	15.7	23.5
226	33.3	21.1	31.7#





#21

Chrysene

Concen: 5.250 ng/ul

RT: 21.89 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG029104.D

Acq: 9 Oct 2017 12:39

Instrument :

BNA_G

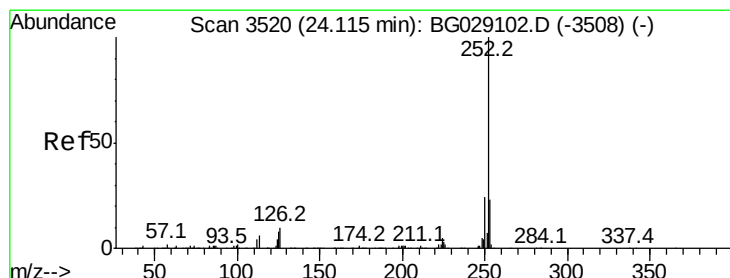
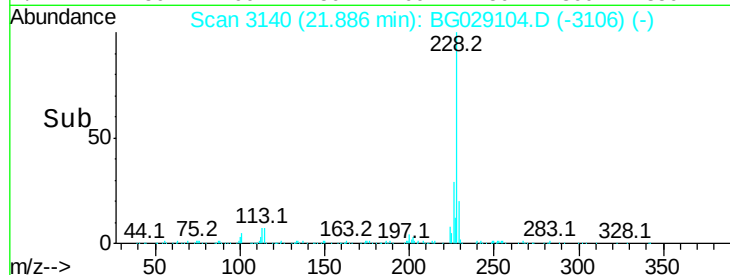
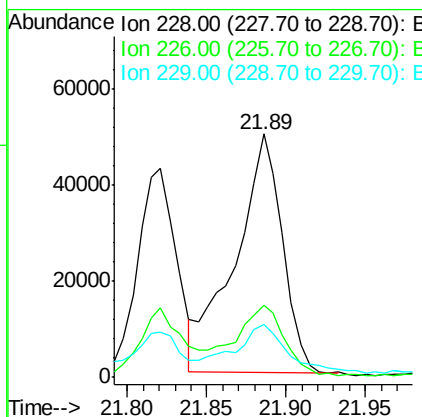
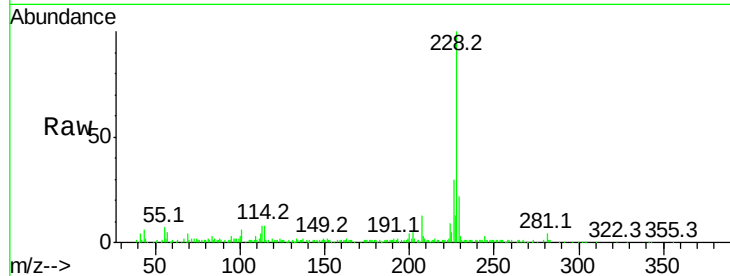
ClientSampleId :

DAF53

Tot Ion:	228	Resp:	102694
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.5	36.7
229	21.6	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 6.531 ng/ul

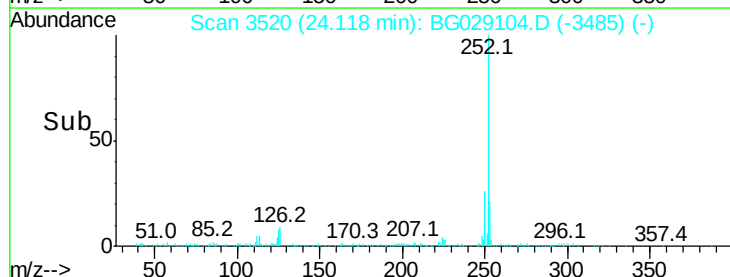
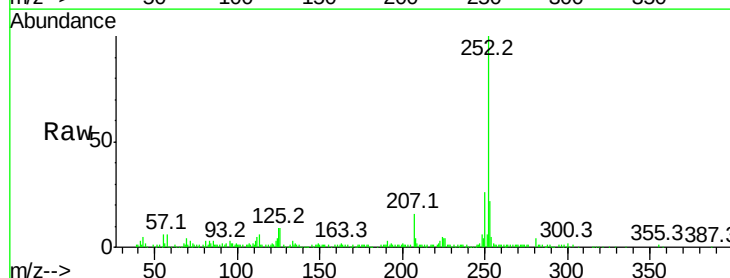
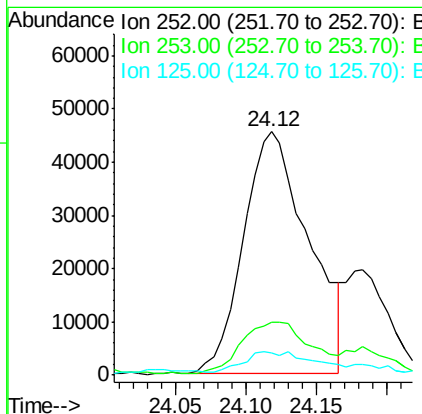
RT: 24.12 min Scan# 3520

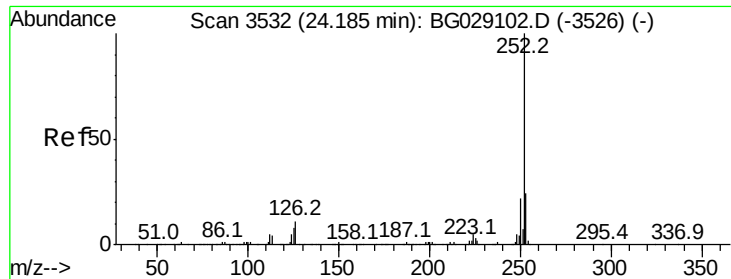
Delta R.T. 0.00 min

Lab File: BG029104.D

Acq: 9 Oct 2017 12:39

Tgt Ion:	252	Resp:	146179
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	9.4	8.0	12.0





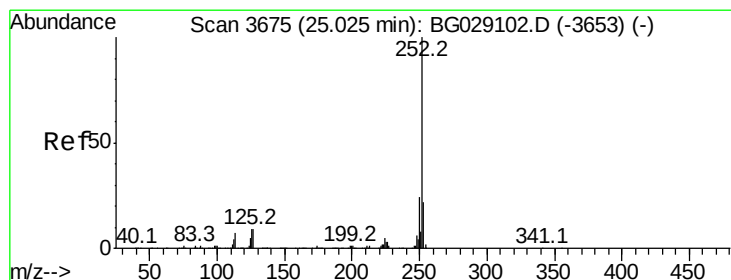
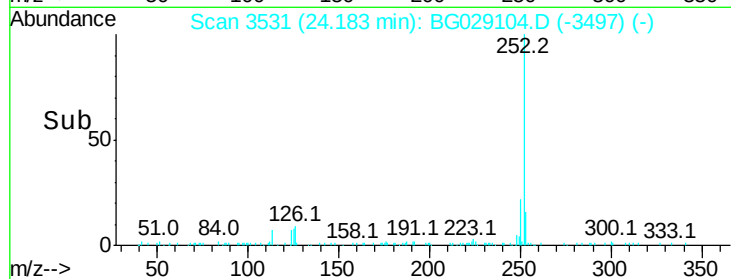
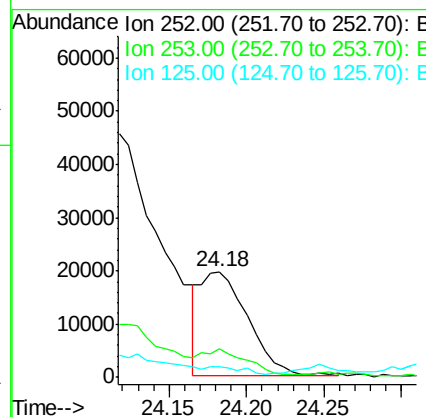
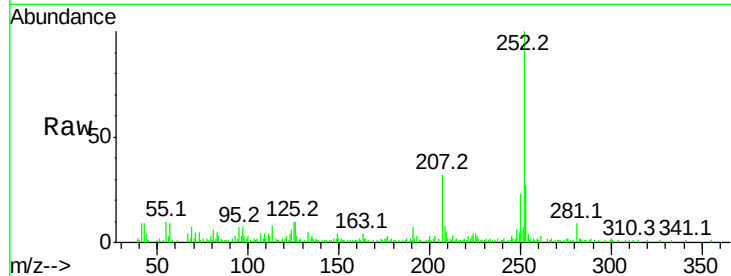
#24
Benzo(k)fluoranthene
Concen: 1.920 ng/ul m
RT: 24.18 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampled :
DAF53

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.0	27.0#
125	9.8	8.1	12.1

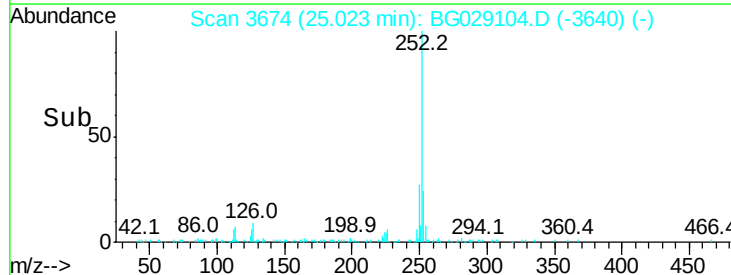
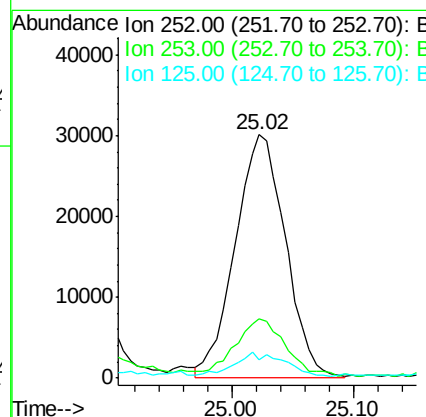
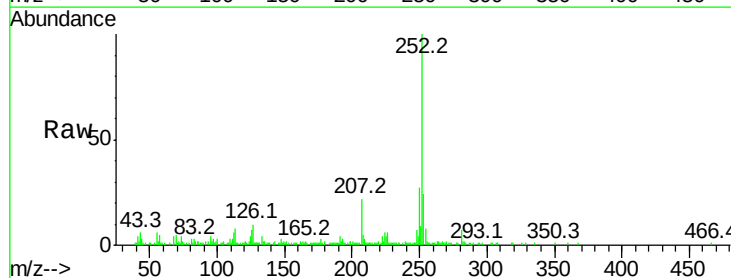
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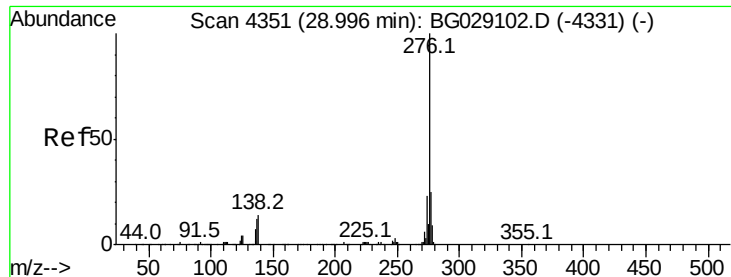
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#26
Benzo(a)pyrene
Concen: 3.988 ng/ul m
RT: 25.02 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	7.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.022 ng/ul

RT: 28.99 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BG029104.D

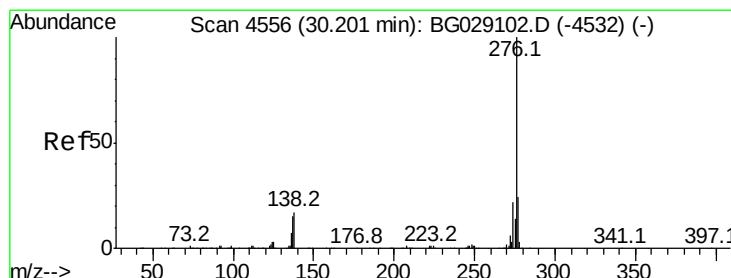
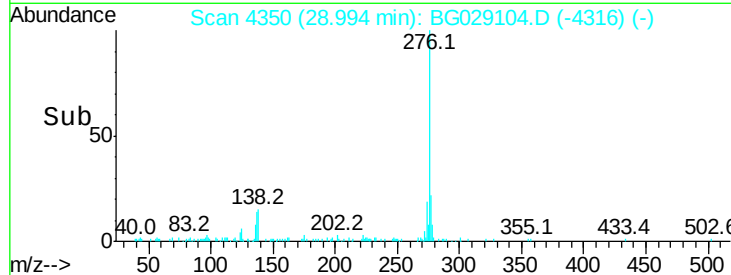
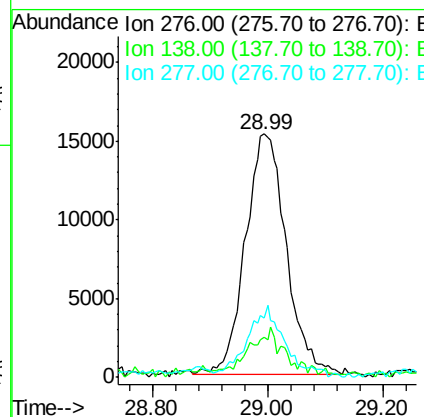
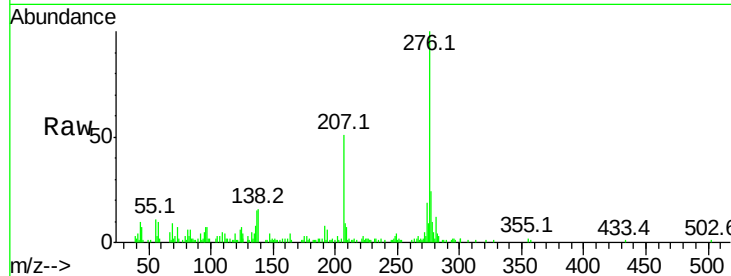
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	14.4	21.6
277	24.3	18.0	27.0

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#29

Benzo(g,h,i)perylene

Concen: 3.060 ng/ul

RT: 30.19 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG029104.D

Acq: 9 Oct 2017 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.3	22.9
277	21.0	19.0	28.4

