

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046929.D
 Acq On : 16 Oct 2020 14:03
 Operator : CG/JU
 Sample : L4201-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AL4

Manual Integrations
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Quant Time: Oct 16 14:43:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 02:00:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	57868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	233476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	170267	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	349435	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	327287	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	330698	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2635	2.02	ng/uL	0.00
5) Phenol-d5	7.23	99	60992	12.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	41632	14.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	48666	12.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	37673	9.24	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	27846	14.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	30649	13.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	55081	12.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	18491	3.62	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	211323	14.94	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	217342	13.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	24391	10.00	ng/ul	0.00
58) Fluorene-d10	15.69	176	170703	13.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	18877	7.84	ng/ul	0.00
71) Anthracene-d10	17.55	188	241531	14.27	ng/ul	0.00
79) Pyrene-d10	19.83	212	243582	13.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	236307	12.69	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.26	94	5609	1.049	ng/ul	95
14) Acetophenone	8.90	105	10500	1.606	ng/ul	95
28) Naphthalene	10.94	128	14457	1.073	ng/ul#	94
45) Dimethylphthalate	14.16	163	86880	5.925	ng/ul	97
70) Phenanthrene	17.49	178	184878	9.246	ng/ul	98
72) Anthracene	17.59	178	39421	1.952	ng/ul	99
75) Carbazole	17.85	167	19575	1.207	ng/ul	95
77) Fluoranthene	19.50	202	324913	13.307	ng/ul	98
80) Pvrene	19.86	202	256590	11.584	ng/ul#	97
83) Benzo(a)anthracene	21.71	228	176560	7.816	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.61	149	18000	1.564	ng/ul#	92
85) Chrysene	21.77	228	165619m	7.599	ng/ul	
88) Benzo(b)fluoranthene	23.95	252	224874	9.803	ng/ul	96
89) Benzo(k)fluoranthene	24.00	252	81026m	3.663	ng/ul	
91) Benzo(a)pyrene	24.82	252	142198	6.895	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.69	276	106080	4.199	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.72	278	32349m	1.544	ng/ul	
94) Benzo(g,h,i)perylene	29.86	276	69670m	3.285	ng/ul	

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

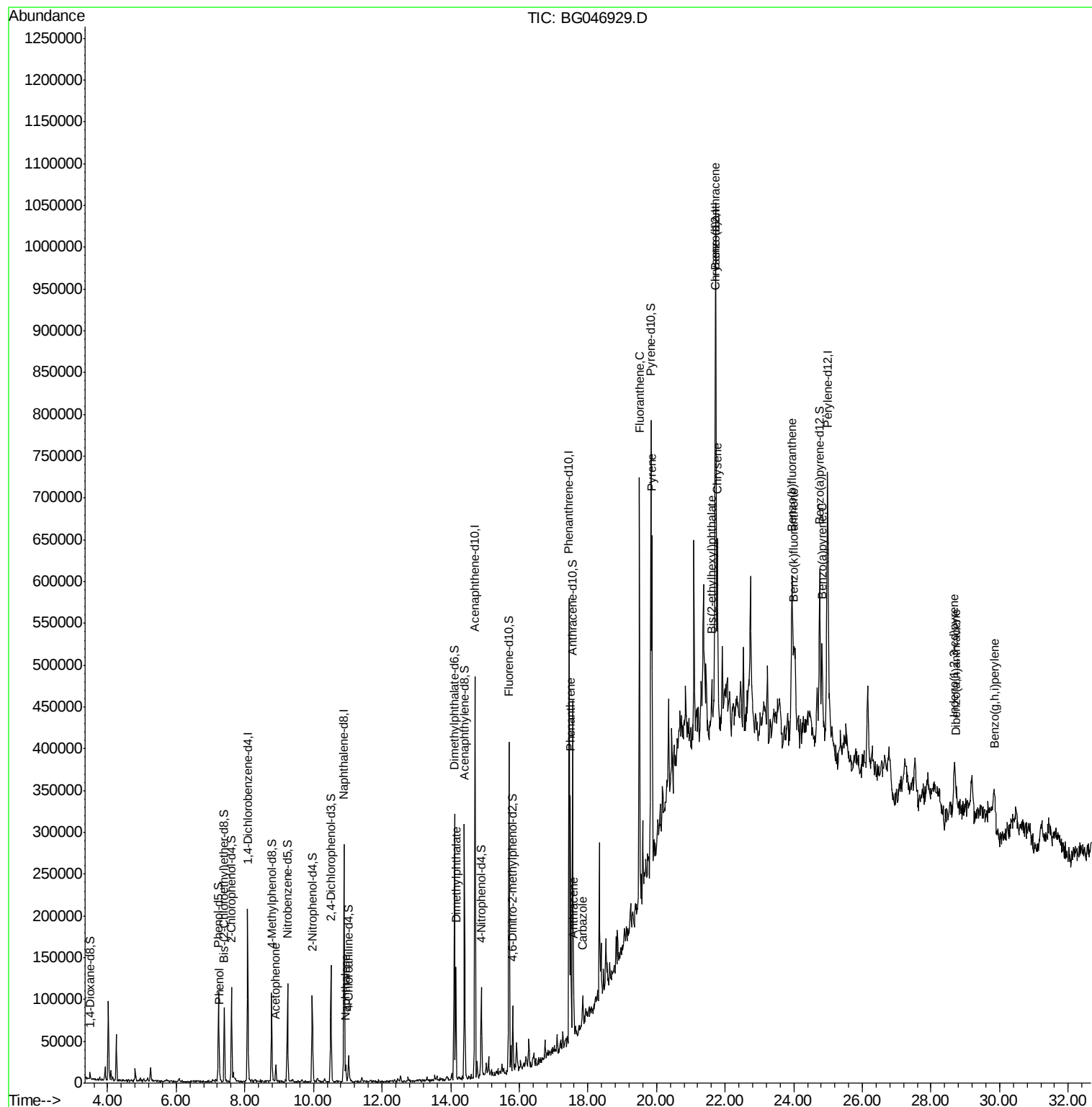
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046929.D
Acq On : 16 Oct 2020 14:03
Operator : CG/JU
Sample : L4201-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

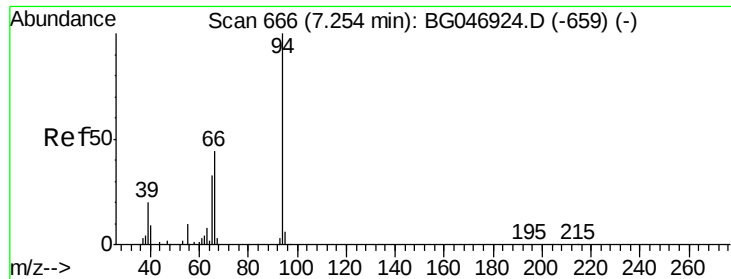
Instrument :
BNA_G
ClientSampled :
C0AL4

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Quant Time: Oct 16 14:43:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.049 ng/ul

RT: 7.26 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Instrument :

BNA_G

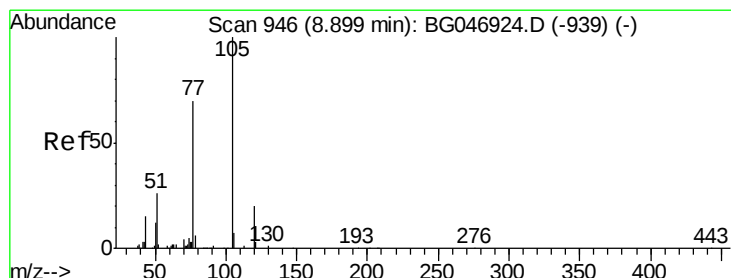
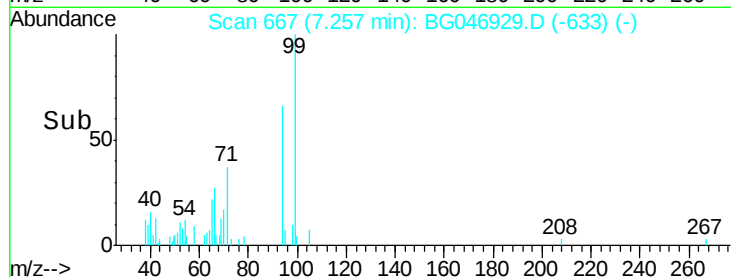
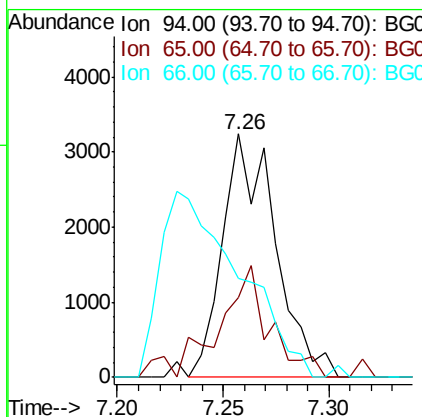
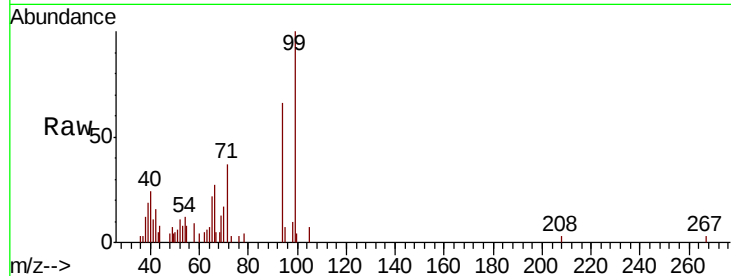
ClientSampled :

C0AL4

Tot Ion:	94	Resp:	5609
Ion	Ratio	Lower	Upper
94	100		
65	32.8	27.8	41.6
66	40.5	35.9	53.9

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#14

Acetophenone

Concen: 1.606 ng/ul

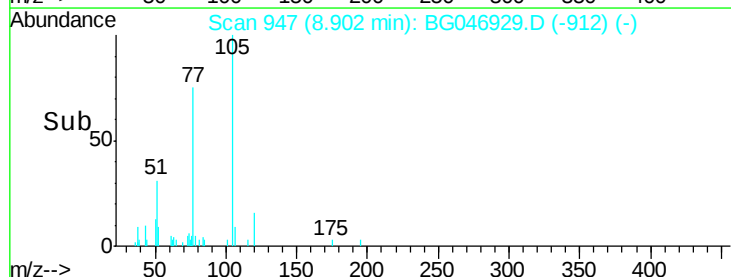
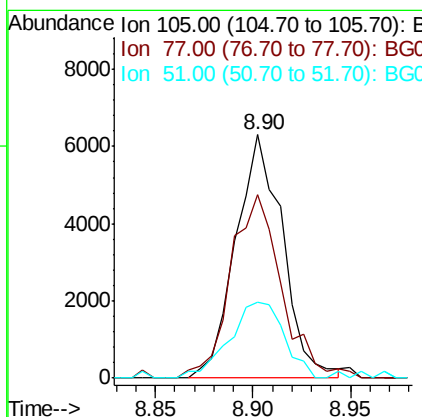
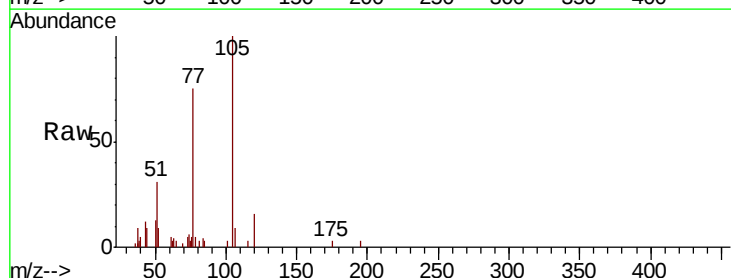
RT: 8.90 min Scan# 947

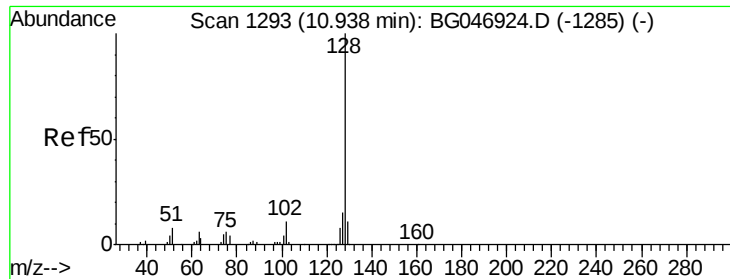
Delta R.T. 0.01 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Tgt Ion:	105	Resp:	10500
Ion	Ratio	Lower	Upper
105	100		
77	75.5	64.7	97.1
51	31.3	26.5	39.7





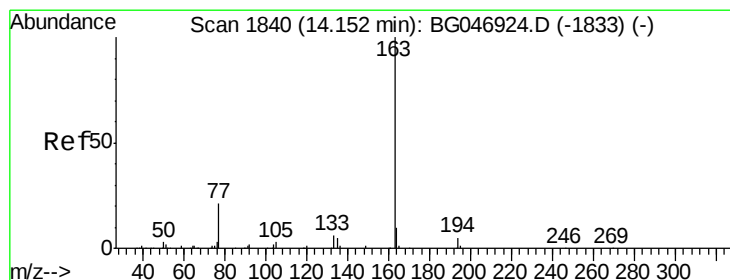
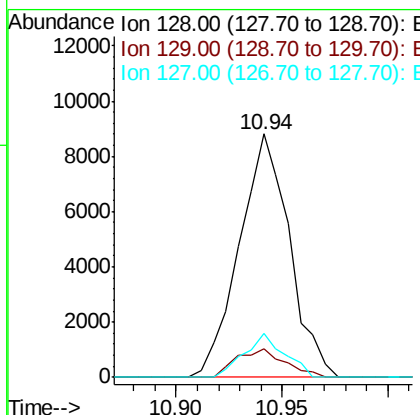
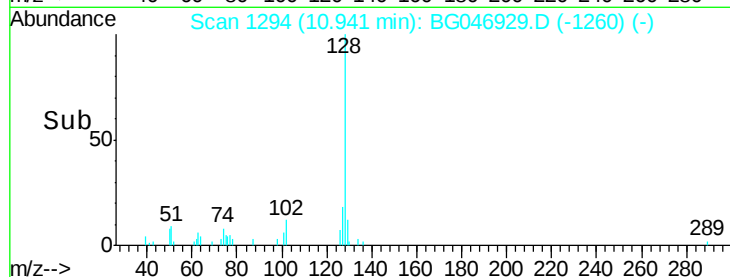
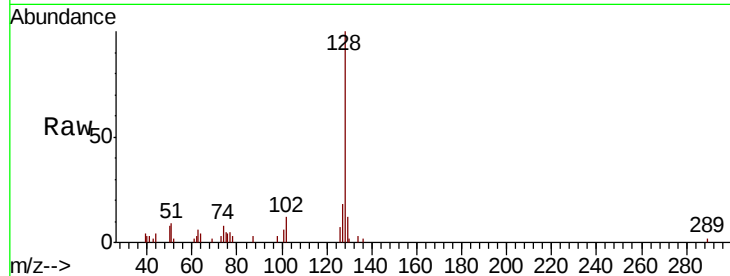
#28
Naphthalene
Concen: 1.073 ng/ul
RT: 10.94 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Instrument :
BNA_G
ClientSampleId :
C0AL4

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	18.0	11.0	16.4

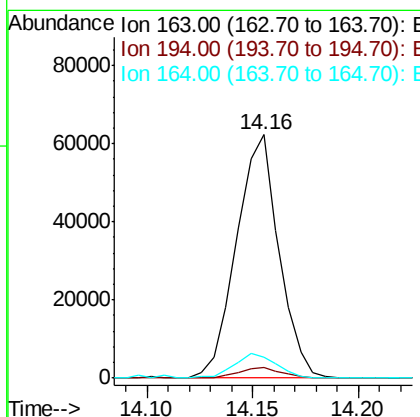
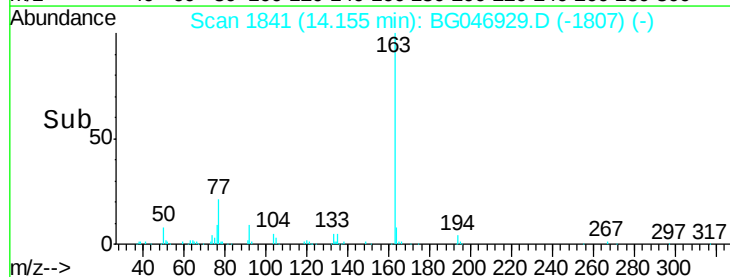
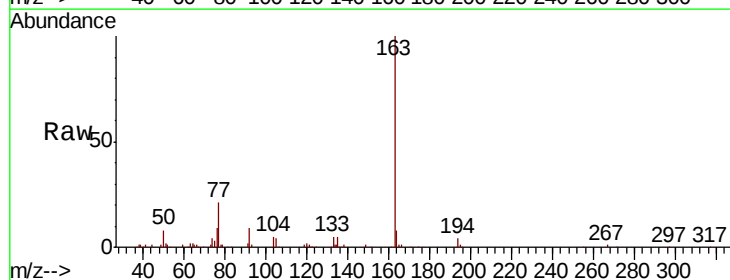
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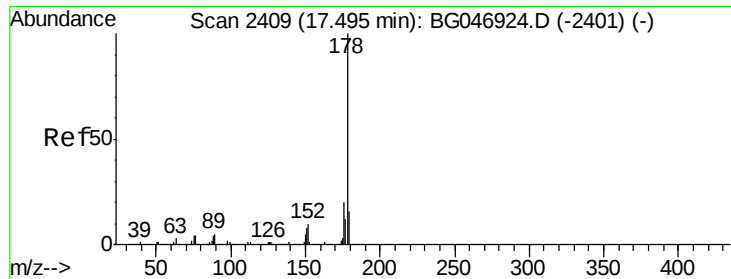
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#45
Dimethylphthalate
Concen: 5.925 ng/ul
RT: 14.16 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	8.4	7.8	11.8





#70

Phenanthrene

Concen: 9.246 ng/ul

RT: 17.49 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Instrument :

BNA_G

ClientSampleId :

C0AL4

Tot Ion:178 Resp: 184878

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

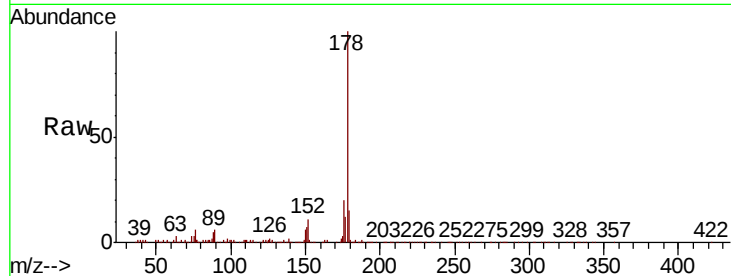
176 19.7 15.0 22.4

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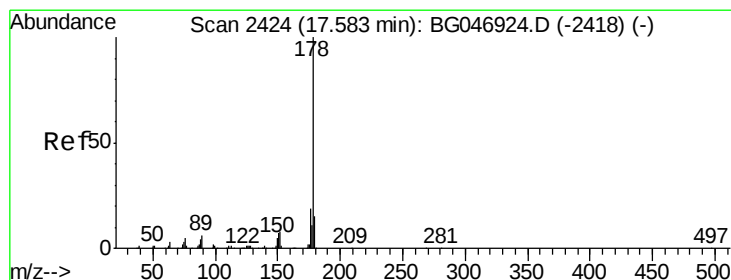
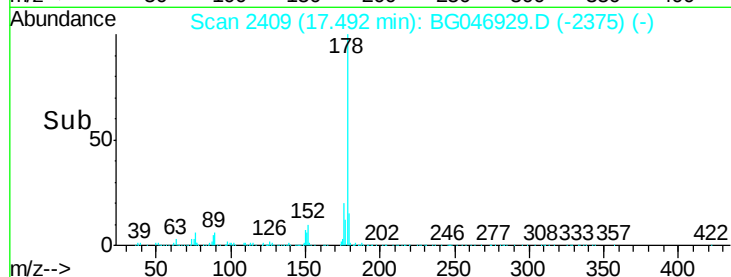
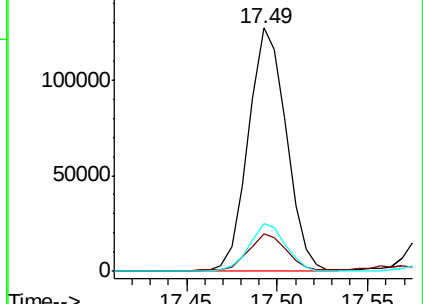
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.952 ng/ul

RT: 17.59 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

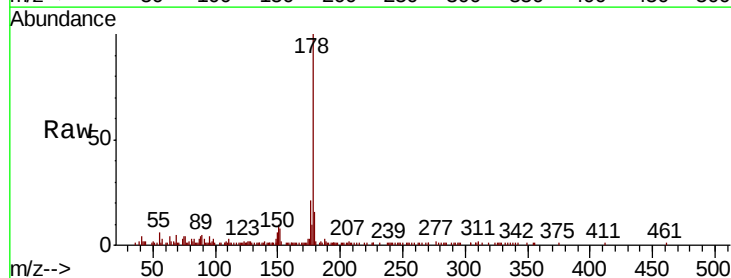
Tgt Ion:178 Resp: 39421

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

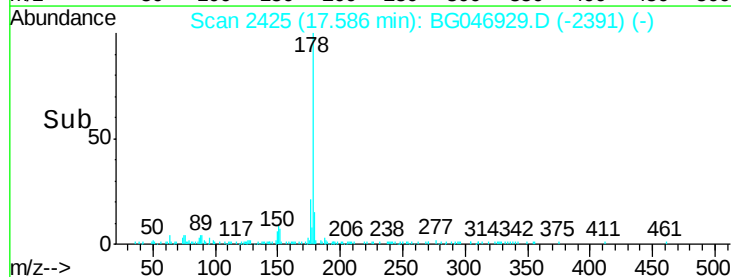
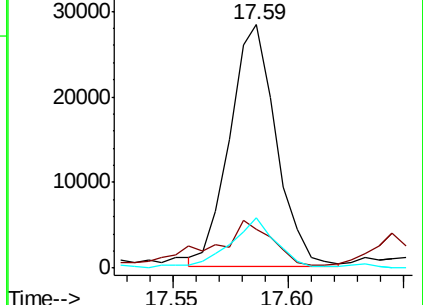
176 20.6 16.2 24.4

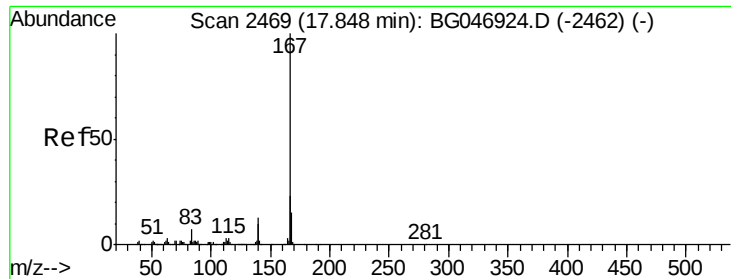


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.207 ng/ul

RT: 17.85 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Instrument :

BNA_G

ClientSampleId :

C0AL4

Tot Ion:167 Resp: 19575

Ion Ratio Lower Upper

167 100

166 26.8 18.6 27.8

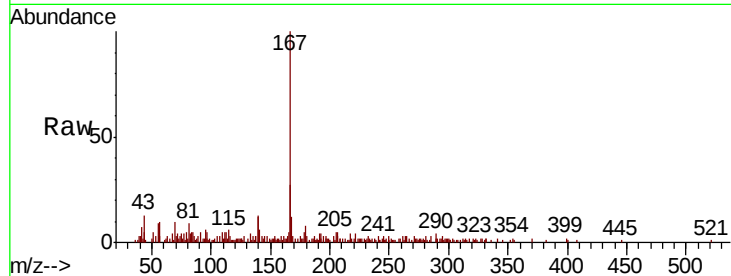
139 13.2 10.3 15.5

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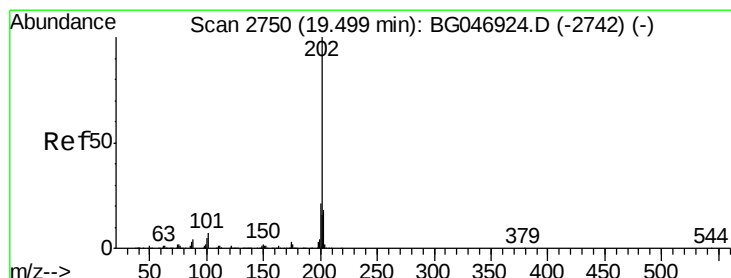
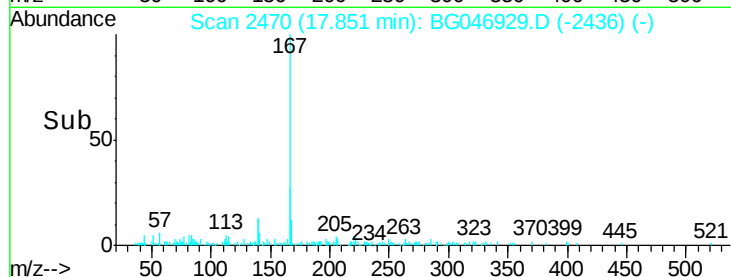
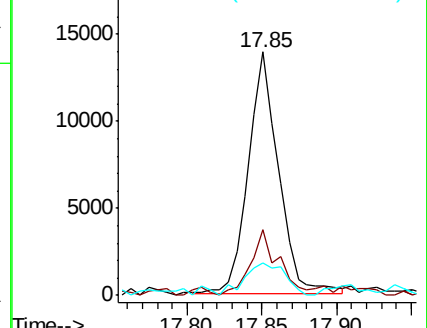
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 13.307 ng/ul

RT: 19.50 min Scan# 2751

Delta R.T. 0.01 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

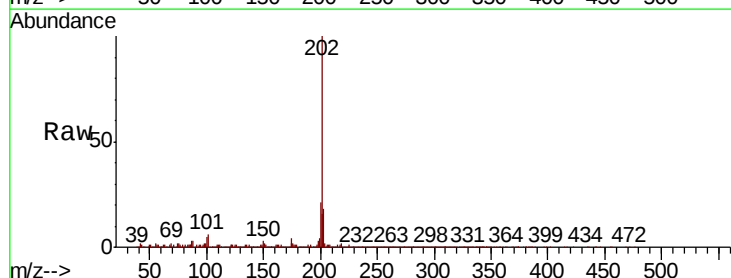
Tgt Ion:202 Resp: 324913

Ion Ratio Lower Upper

202 100

101 6.4 4.9 7.3

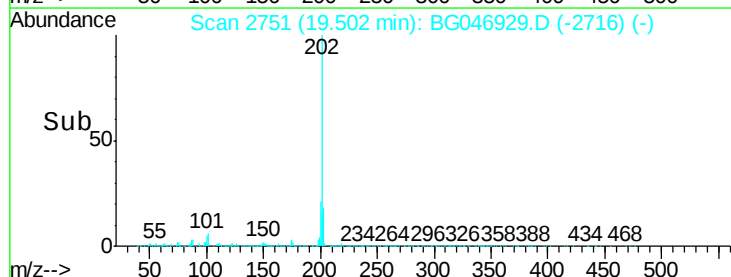
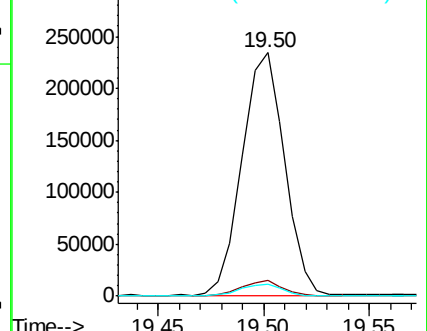
100 4.9 4.6 6.8

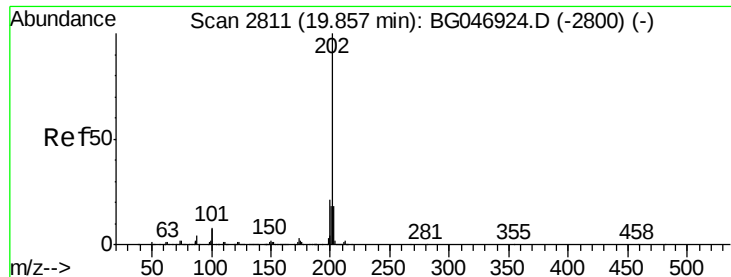


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





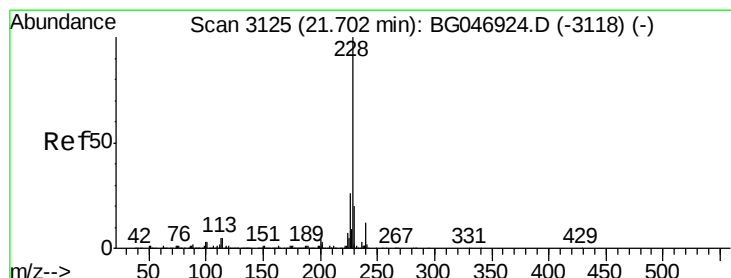
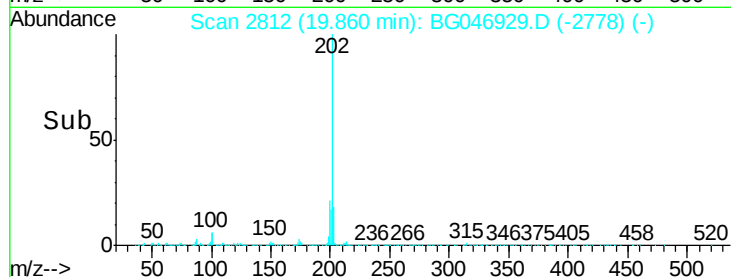
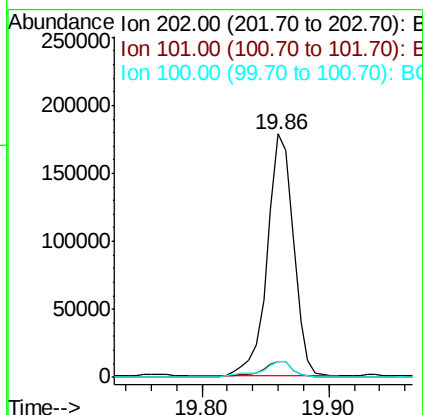
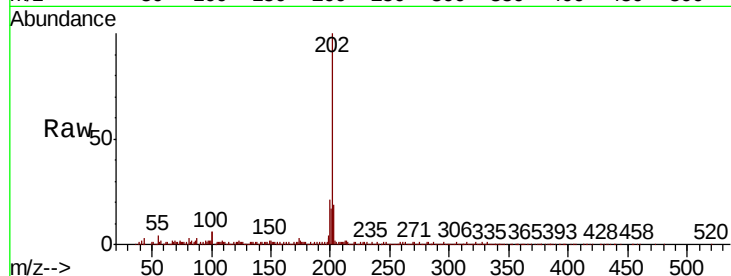
#80
Pvrene
Concen: 11.584 ng/ul
RT: 19.86 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Instrument :
BNA_G
ClientSampleId :
C0AL4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	6.5	9.7#
100	6.2	5.2	7.8

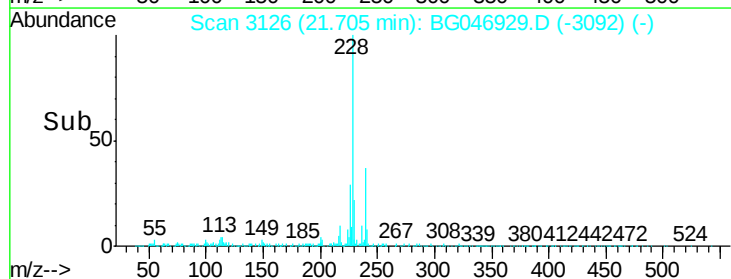
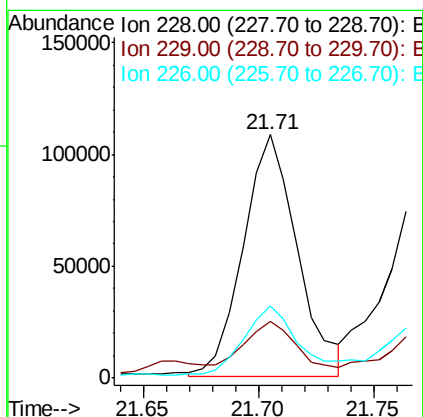
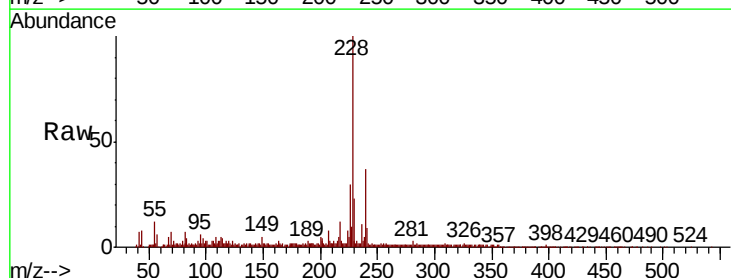
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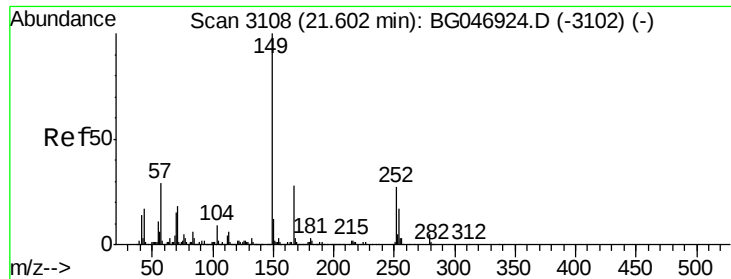
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#83
Benzo(a)anthracene
Concen: 7.816 ng/ul
RT: 21.71 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.3	16.2	24.2
226	29.6	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.564 ng/ul

RT: 21.61 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Instrument :

BNA_G

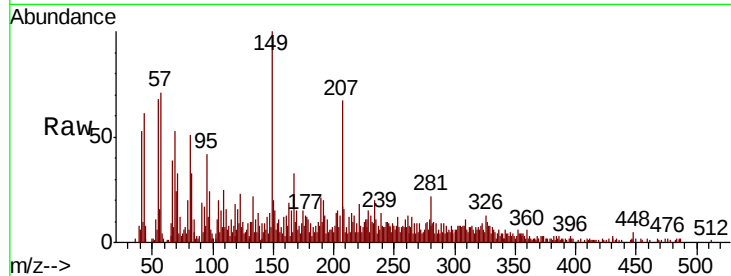
ClientSampleId :

C0AL4

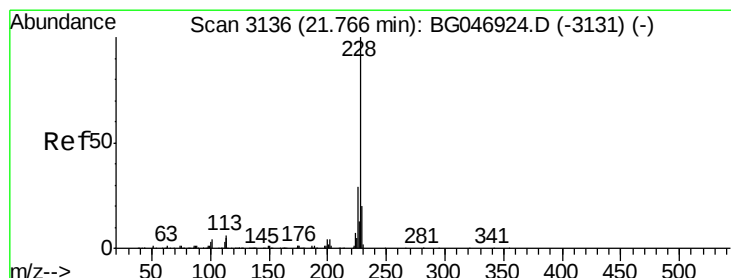
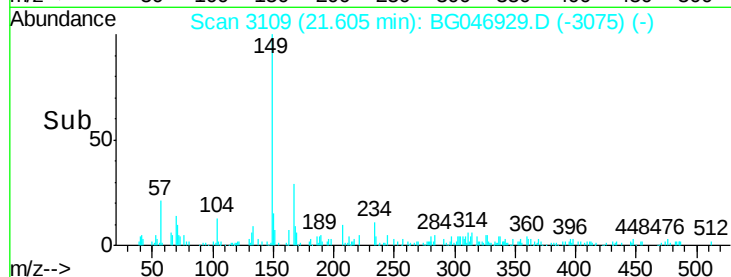
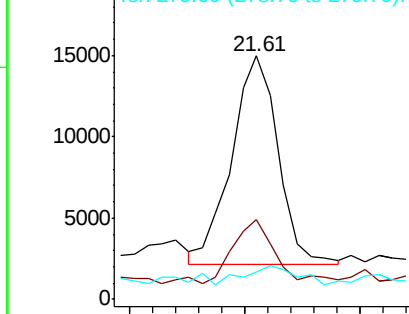
Tot Ion:	149	Resp:	18000
Ion Ratio	Lower	Upper	
149	100		
167	33.0	23.7	35.5
279	11.4	4.6	7.0#

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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



#85

Chrysene

Concen: 7.599 ng/ul m

RT: 21.77 min Scan# 3137

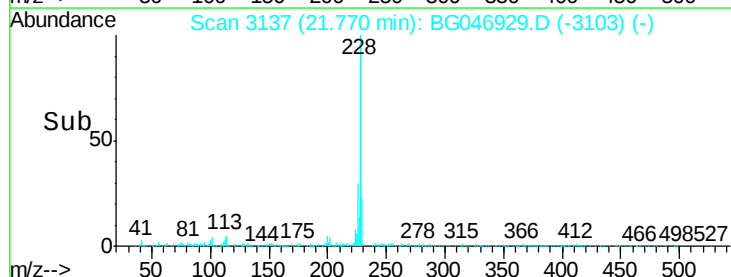
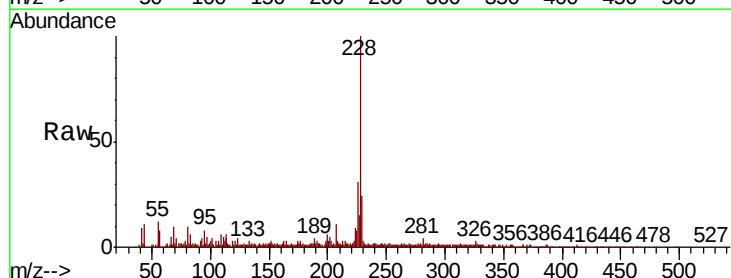
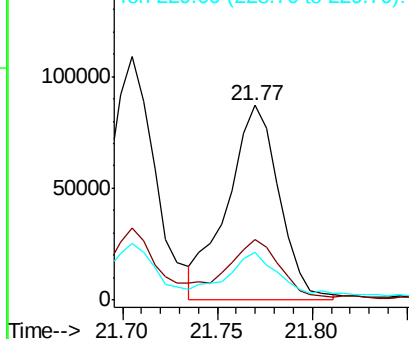
Delta R.T. 0.00 min

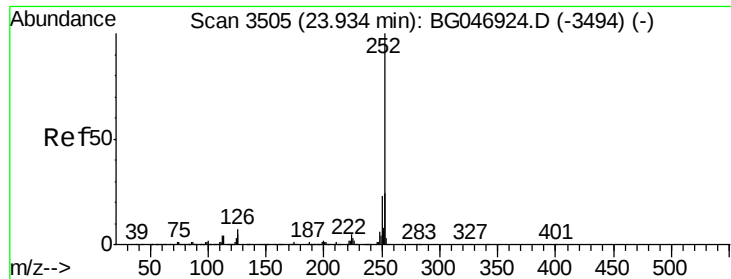
Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Tgt Ion:	228	Resp:	165619
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.2	34.8
229	24.4	15.6	23.4#

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





#88

Benzo(b)fluoranthene

Concen: 9.803 ng/ul

RT: 23.95 min Scan# 3508

Delta R.T. 0.01 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Instrument :

BNA_G

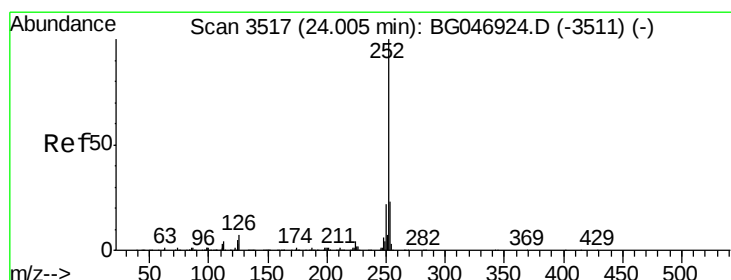
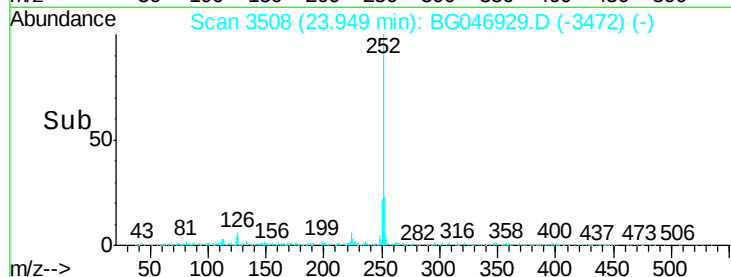
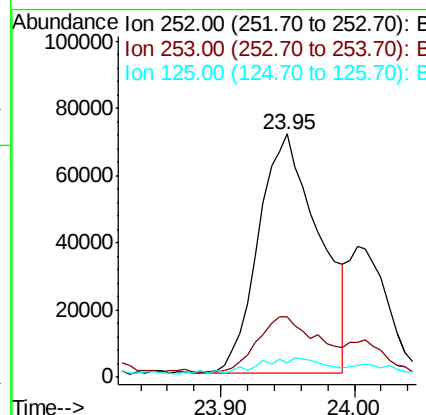
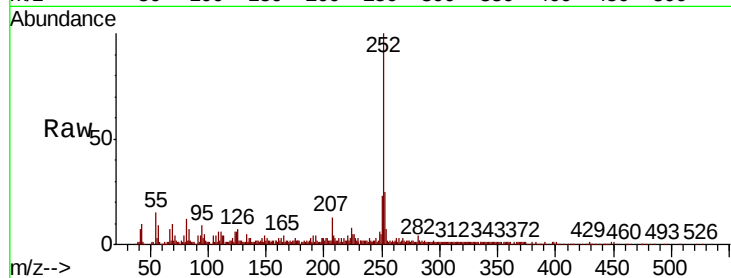
ClientSampleId :

C0AL4

Tot Ion:	252	Resp:	224874
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.2	27.2
125	6.1	4.6	7.0

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#89

Benzo(k)fluoranthene

Concen: 3.663 ng/ul m

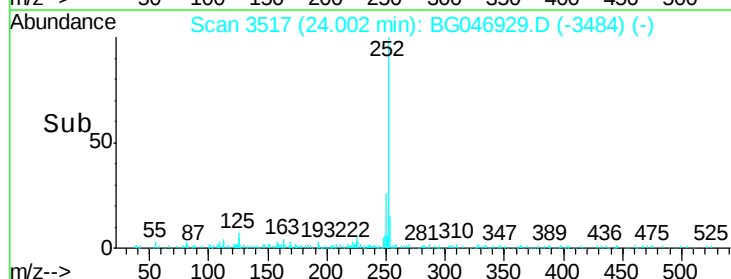
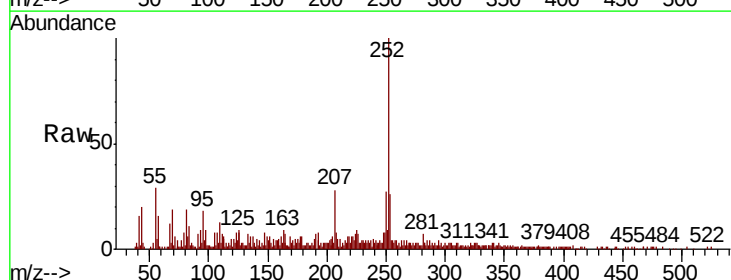
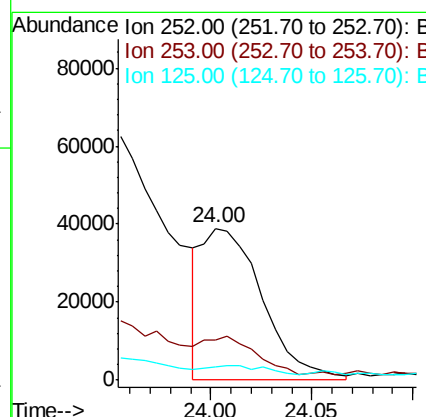
RT: 24.00 min Scan# 3517

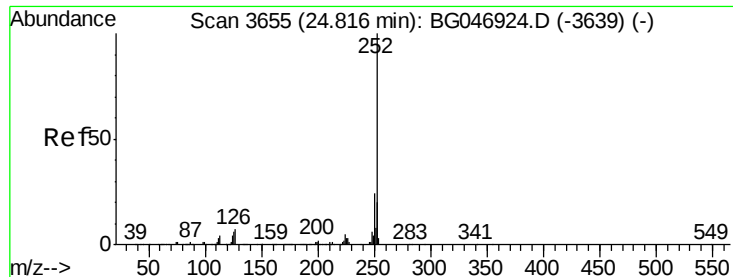
Delta R.T. -0.01 min

Lab File: BG046929.D

Acq: 16 Oct 2020 14:03

Tgt Ion:	252	Resp:	81026
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.7	26.5
125	8.9	4.2	6.4#





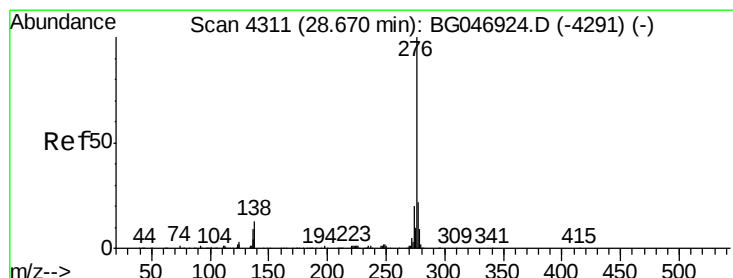
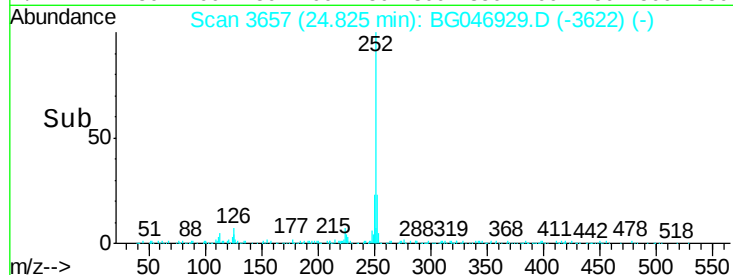
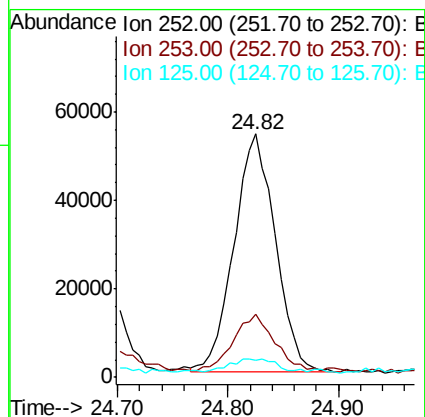
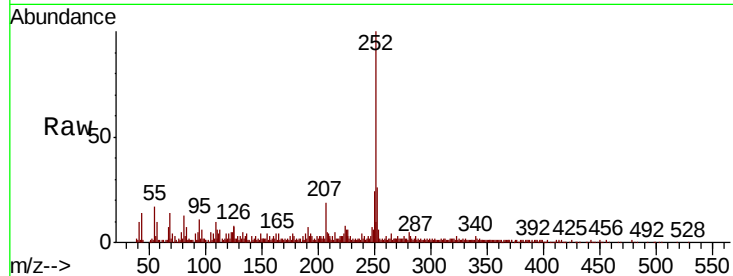
#91
Benzo(a)pyrene
Concen: 6.895 ng/ul
RT: 24.82 min Scan# 3657
Delta R.T. 0.01 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Instrument :
BNA_G
ClientSampleId :
C0AL4

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	7.0	5.4	8.0

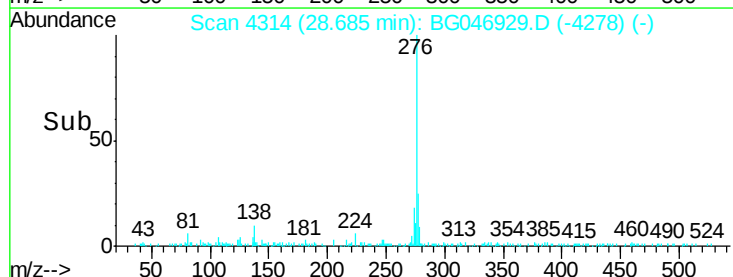
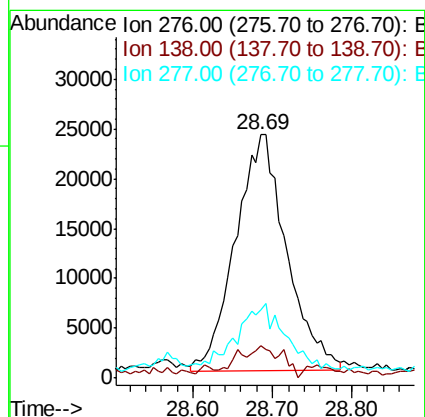
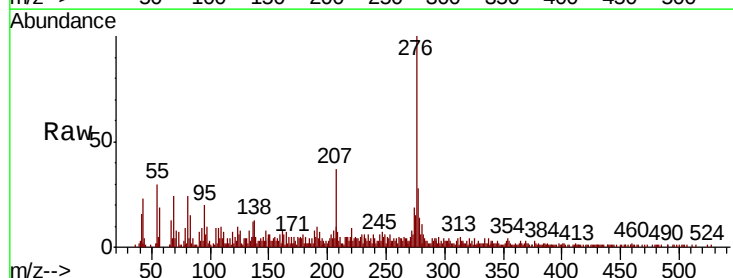
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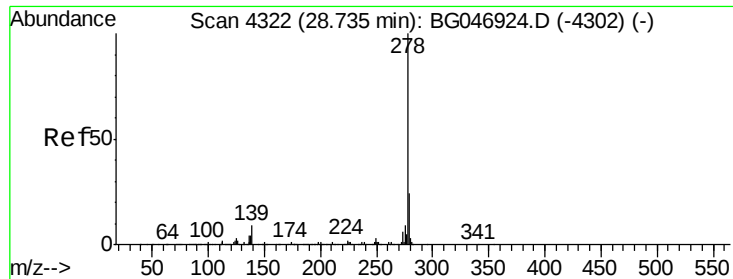
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#92
Indeno(1,2,3-cd)pyrene
Concen: 4.199 ng/ul
RT: 28.69 min Scan# 4314
Delta R.T. 0.01 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	7.8	11.6#
277	27.9	19.4	29.2





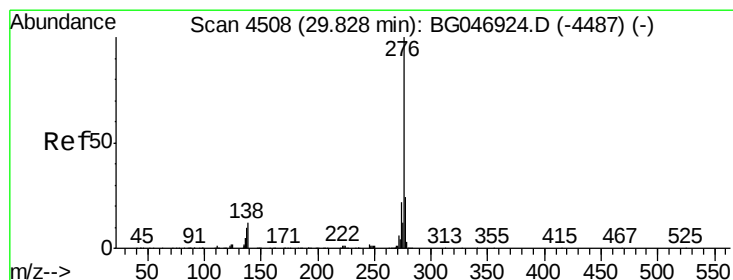
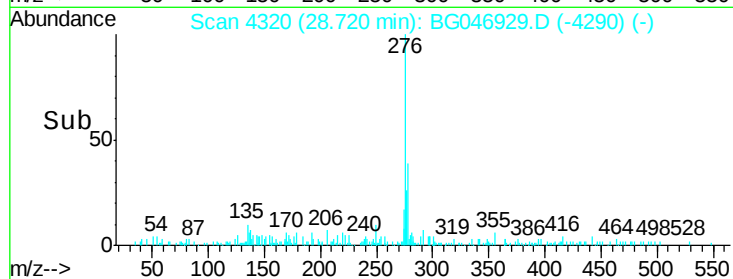
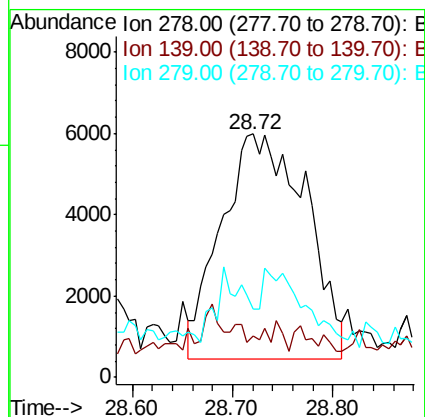
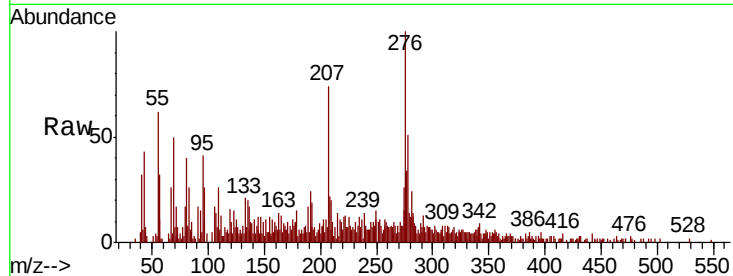
#93
Dibenzo(a,h)anthracene
Concen: 1.544 ng/ul m
RT: 28.72 min Scan# 4320
Delta R.T. -0.02 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Instrument :
BNA_G
ClientSampleId :
C0AL4

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	7.0	10.6#
279	28.2	19.0	28.4

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.285 ng/ul m
RT: 29.86 min Scan# 4514
Delta R.T. 0.02 min
Lab File: BG046929.D
Acq: 16 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.2	8.5	12.7#
277	28.6	18.5	27.7#

