Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 09 03:14:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JCE06

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	37054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.861	136	148052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	91194	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	176693	20.000	ng/ul	0.00
79) Chrysene-d12	21.729	240	163666	20.000	ng/ul	0.00
88) Perylene-d12	25.019	264	175404	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.436	96	1971m	2.487	ng/uL	0.01
4) Pyridine-d5	3.871	84	13509m	5.680	ng/ul	0.02
7) Phenol-d5	7.202	99	45558	13.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.360	67	31165	16.134	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	37926	15.757	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	26948	10.510	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	21500	18.435	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	23462	17.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	40043	15.945	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	4795	1.395	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	129303	18.068	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	155528	18.267	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	12766	11.033	ng/ul	0.02
60) Fluorene-d10	15.684	176	106622	17.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	18727	15.747	ng/ul	0.00
73) Anthracene-d10	17.547	188	159953	19.178	ng/ul	0.00
81) Pyrene-d10	19.832	212	174307	19.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.790	264	165818	17.253	ng/ul	0.01
Target Compounds						Qvalue
6) Benzaldehyde	7.184	77	2631m	1.468	ng/ul	
30) Naphthalene	10.914	128	10901	1.410	ng/ul	94
36) 2-Methylnaphthalene	12.518	142	10202	1.723	ng/ul	92
37) 1-Methylnaphthalene	12.735	142	10390	1.804	ng/ul	93
72) Phenanthrene	17.488	178	112711	12.052	ng/ul	98
74) Anthracene	17.582	178	14395	1.539	ng/ul	94
77) Carbazole	17.846	167	12507	1.496	ng/ul#	93
80) Fluoranthene	19.497	202	171227	15.386	ng/ul	98
82) Pyrene	19.861	202	142341	12.824	ng/ul	97
85) Benzo(a)anthracene	21.712	228	94618	8.805	ng/ul#	87
87) Chrysene	21.776	228	119009	11.858	ng/ul#	89
90) Benzo(b)fluoranthene	23.967	252	125992	10.990	ng/ul	95
91) Benzo(k)fluoranthene	24.026	252	43657m	3.835	ng/ul	
93) Benzo(a)pyrene	24.860	252	85229	8.445	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.767	276	81100m	6.123	ng/ul	
95) Dibenzo(a,h)anthracene	28.802	278	32636m	2.954	ng/ul	
96) Benzo(g,h,i)perylene	29.953	276	36976m	3.357	ng/ul	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049725.D
Acq On : 8 Aug 2021 5:51
Operator : CG/JU
Sample : M3244-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 09 03:14:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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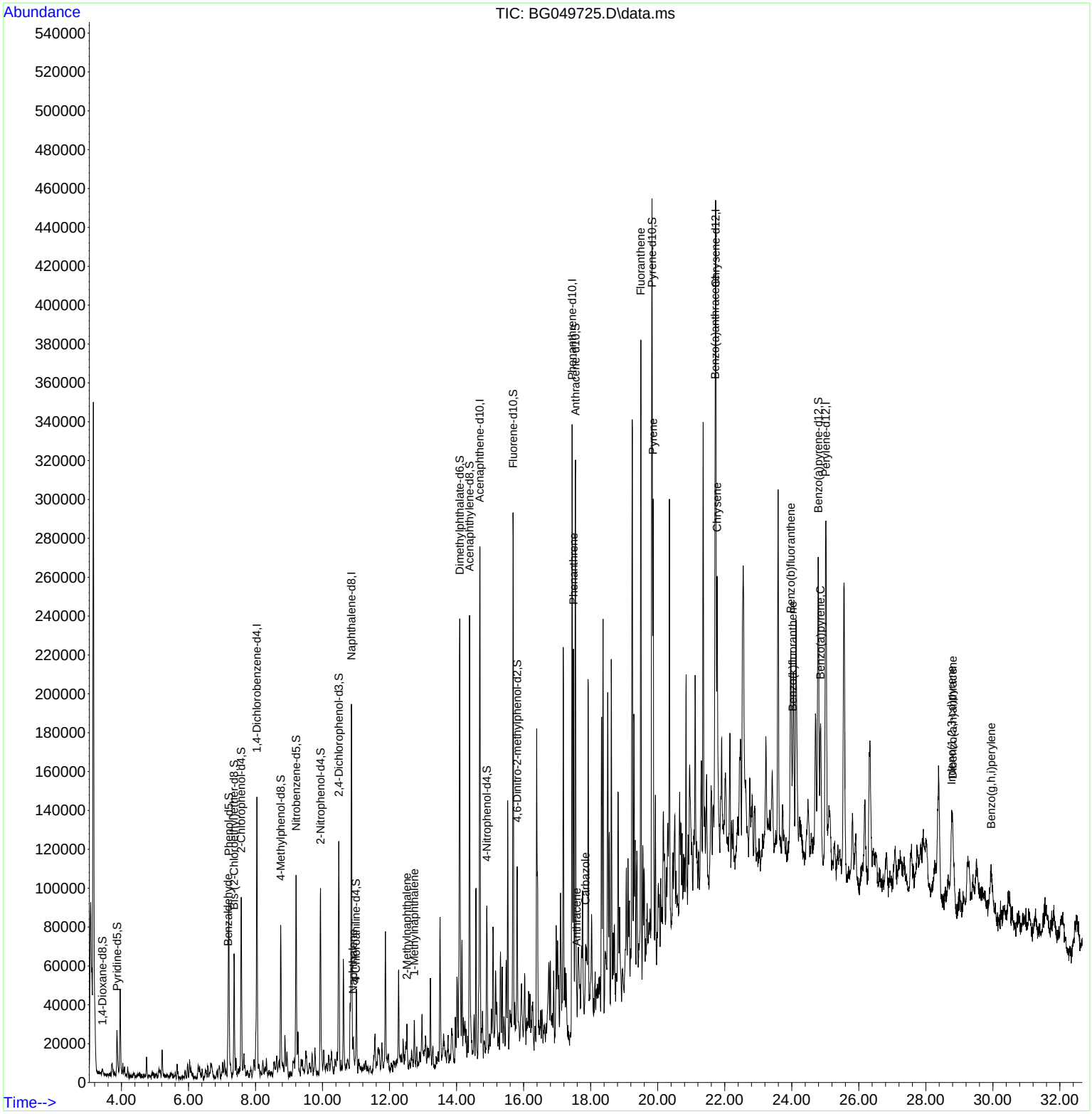
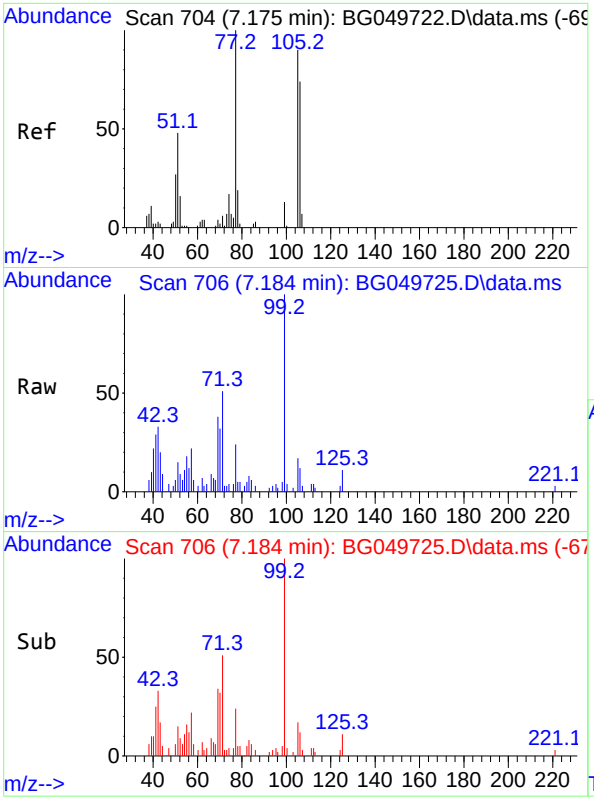
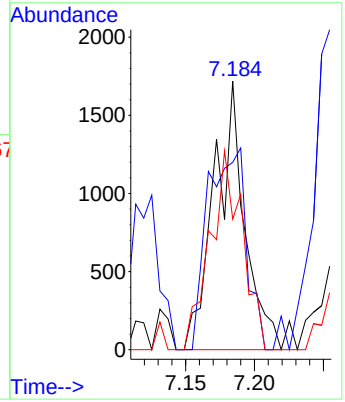




#6
Benzaldehyde
Concen: 1.468 ng/ul m
RT: 7.184 min Scan# 706
Delta R.T. 0.011 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion: 77 Resp: 2631

Ion	Ratio	Lower	Upper
77	100		
105	69.8	83.3	124.9#
106	48.7	81.0	121.4#



Instrument :
BNA_G
ClientSampleId :
JCE06

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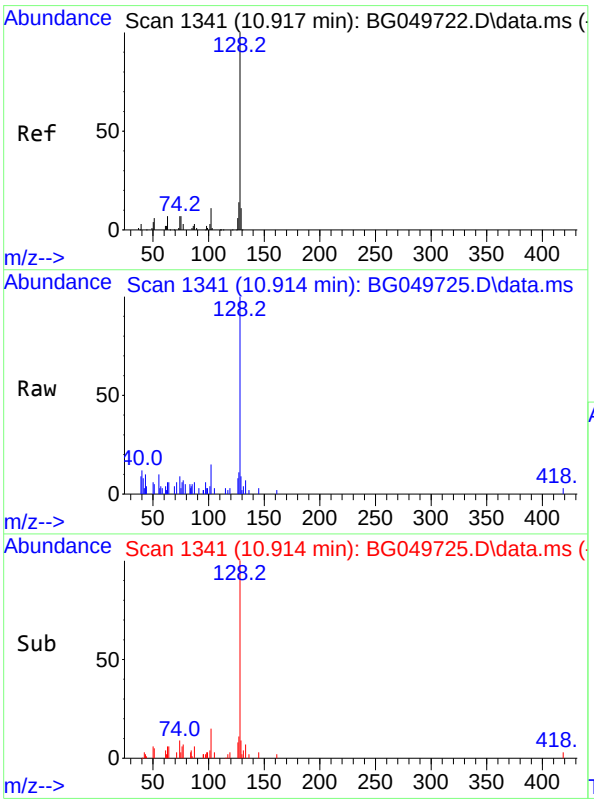
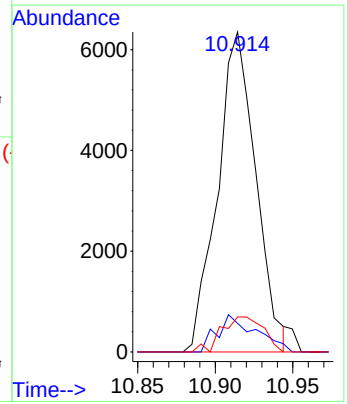
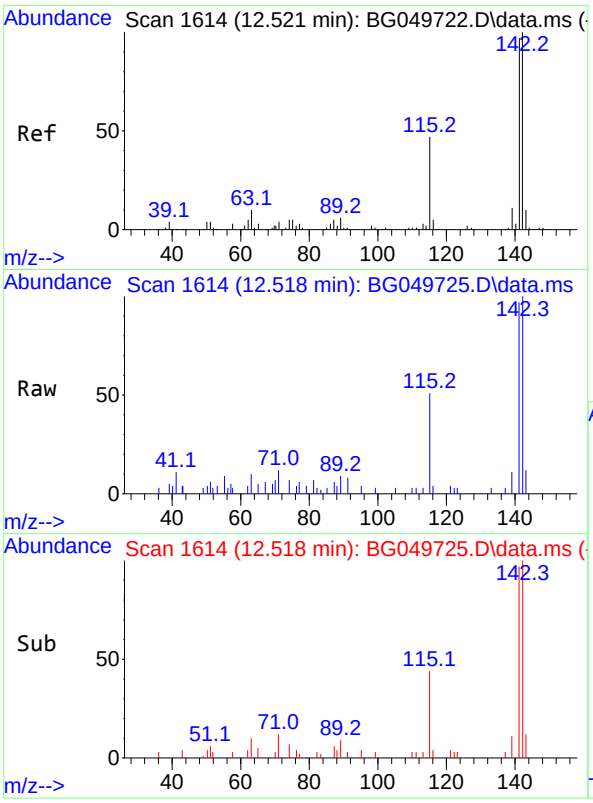


#30
Naphthalene
Concen: 1.410 ng/ul
RT: 10.914 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:128 Resp: 10901

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.7	13.1
127	10.9	10.6	16.0

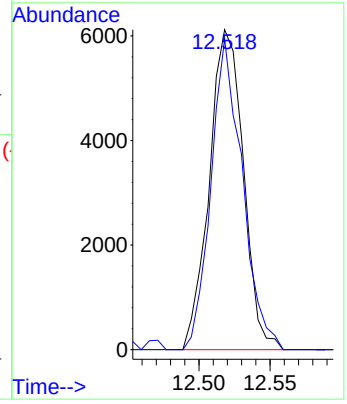




#36
2-Methylnaphthalene
Concen: 1.723 ng/ul
RT: 12.518 min Scan# 1614
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:142 Resp: 10202

Ion	Ratio	Lower	Upper
142	100		
141	97.2	71.8	107.8



Instrument :
BNA_G
ClientSampleId :
JCE06

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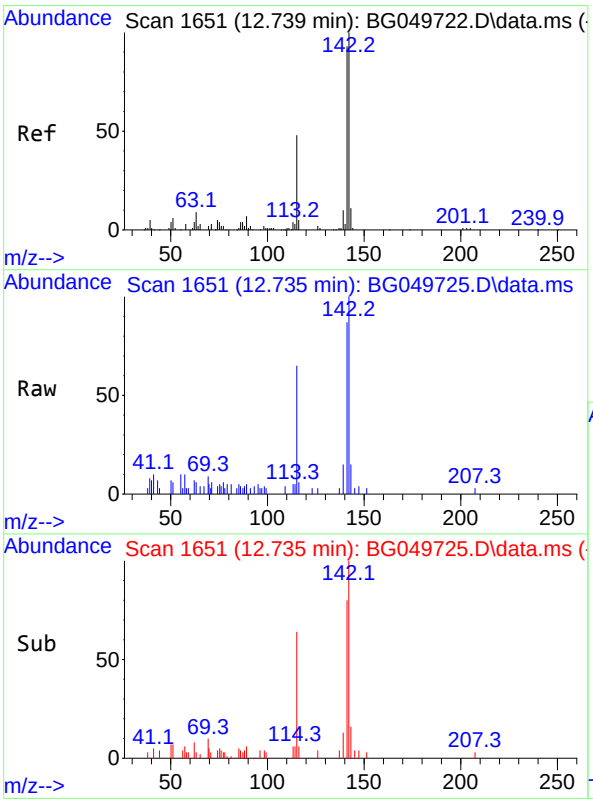
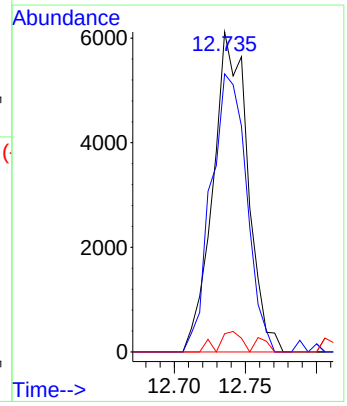
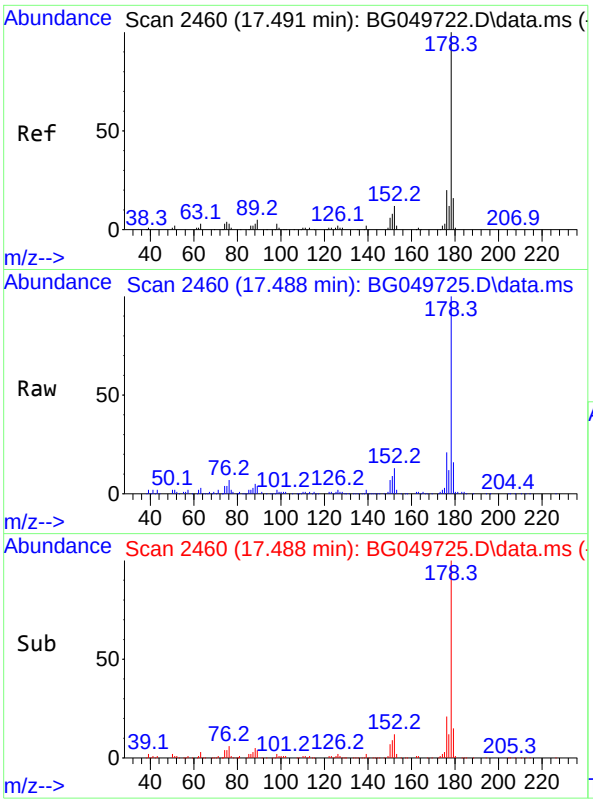


#37
1-Methylnaphthalene
Concen: 1.804 ng/ul
RT: 12.735 min Scan# 1651
Delta R.T. -0.007 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:142 Resp: 10390

Ion	Ratio	Lower	Upper
142	100		
141	86.9	75.4	113.0
116	5.7	4.2	6.2

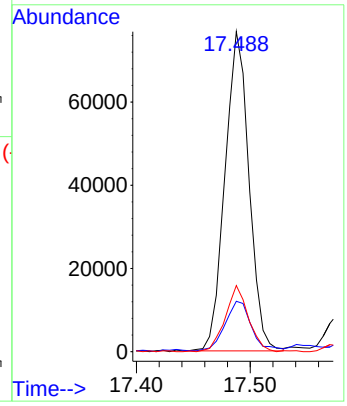




#72
Phenanthrene
Concen: 12.052 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:178 Resp: 112711

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	20.7	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
JCE06

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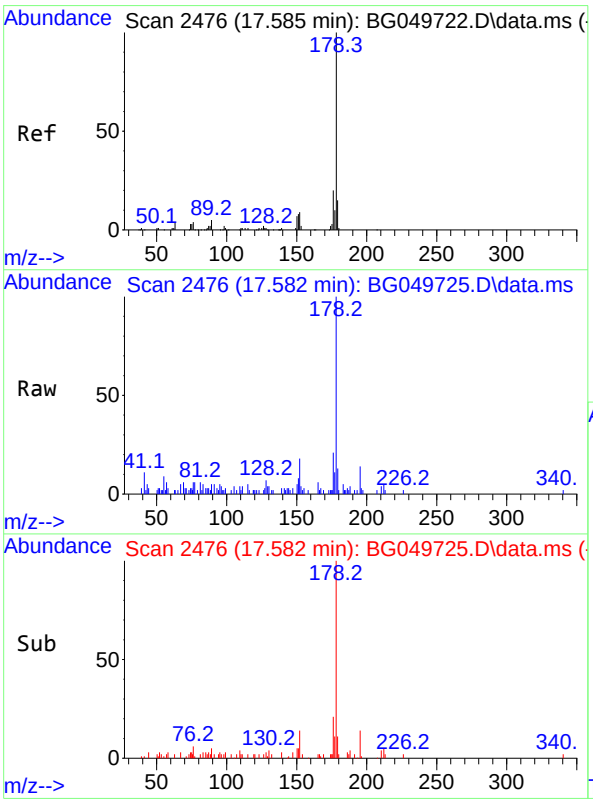
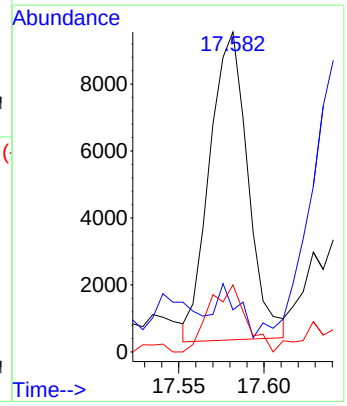
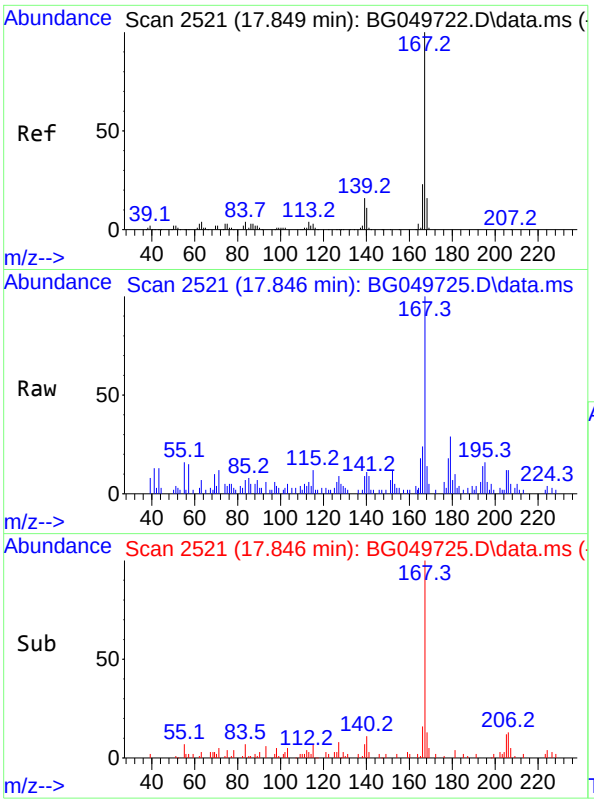


#74
Anthracene
Concen: 1.539 ng/ul
RT: 17.582 min Scan# 2476
Delta R.T. 0.005 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:178 Resp: 14395

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.4	18.6
176	20.9	14.6	21.8

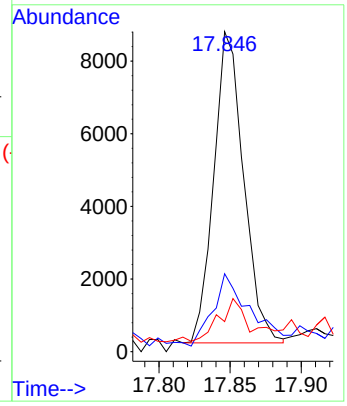




#77
Carbazole
Concen: 1.496 ng/ul
RT: 17.846 min Scan# 2521
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:167 Resp: 12507

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.3	25.9
139	9.4	10.4	15.6#



Instrument :
BNA_G
ClientSampleId :
JCE06

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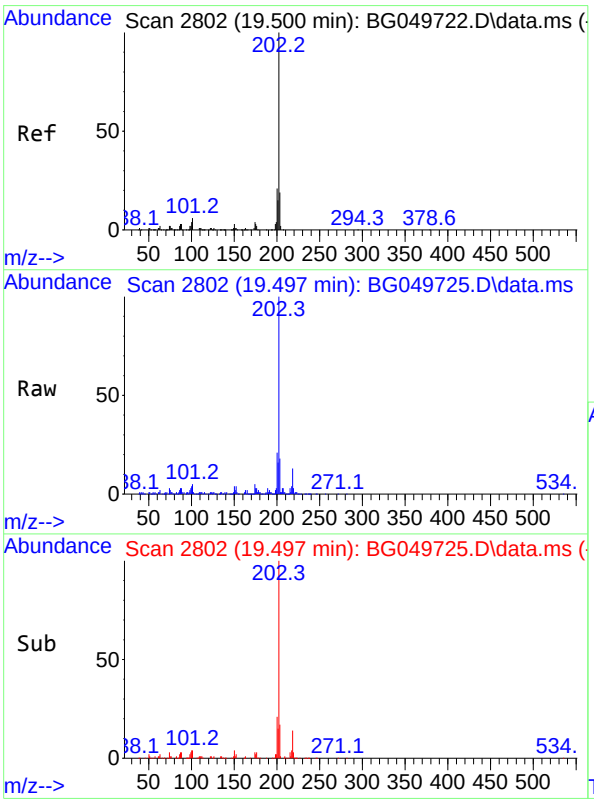
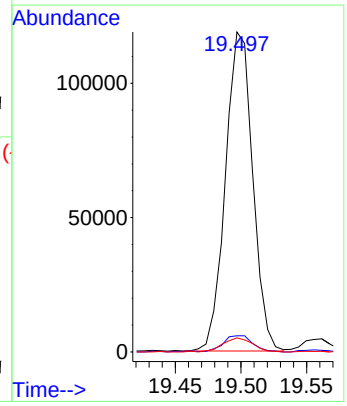
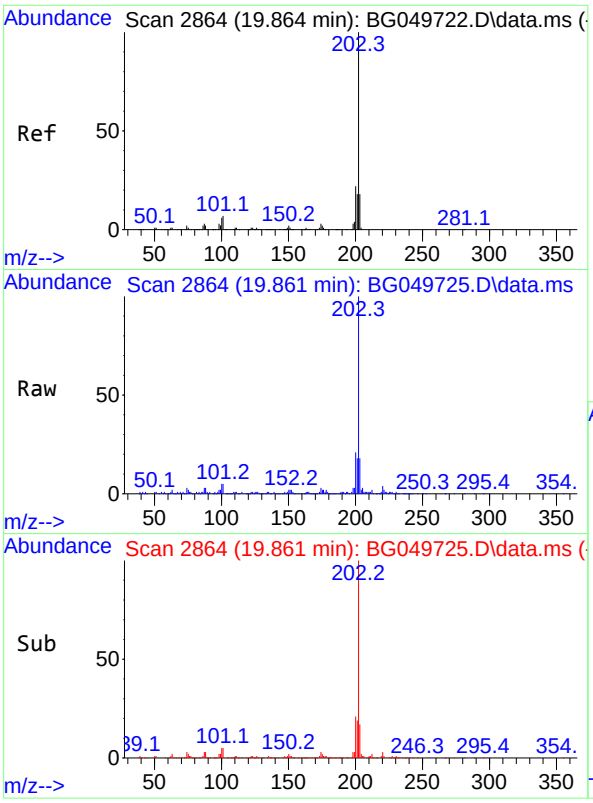


#80
Fluoranthene
Concen: 15.386 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:202 Resp: 171227

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.8	7.2
100	4.4	3.9	5.9

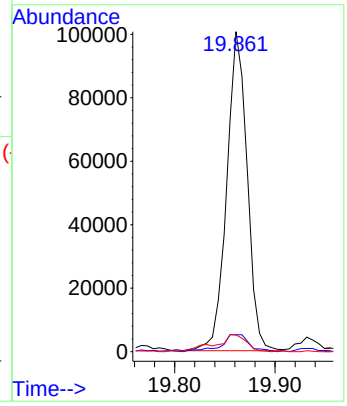




#82
Pyrene
Concen: 12.824 ng/ul
RT: 19.861 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:202 Resp: 142341

Ion	Ratio	Lower	Upper
202	100		
101	5.2	5.2	7.8
100	5.2	4.8	7.2



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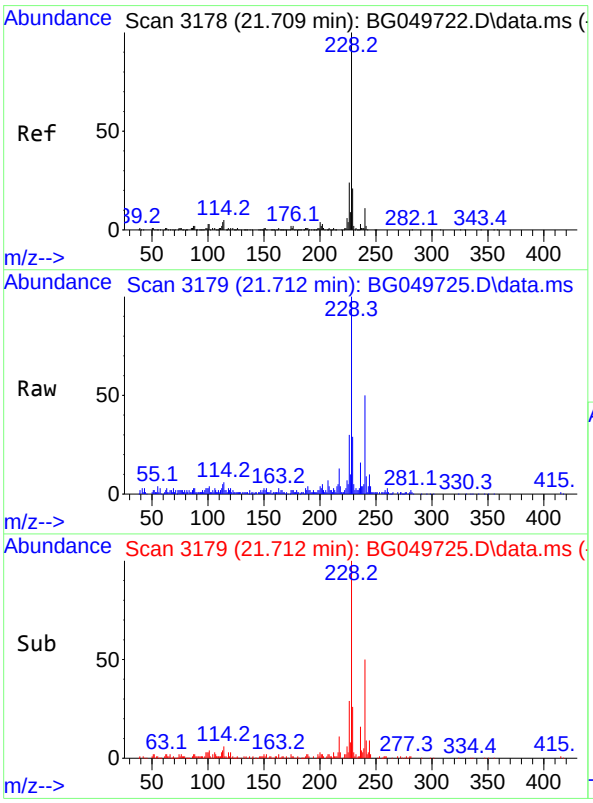
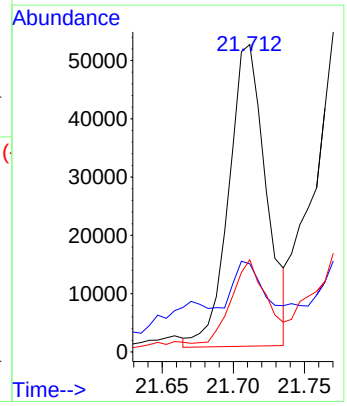
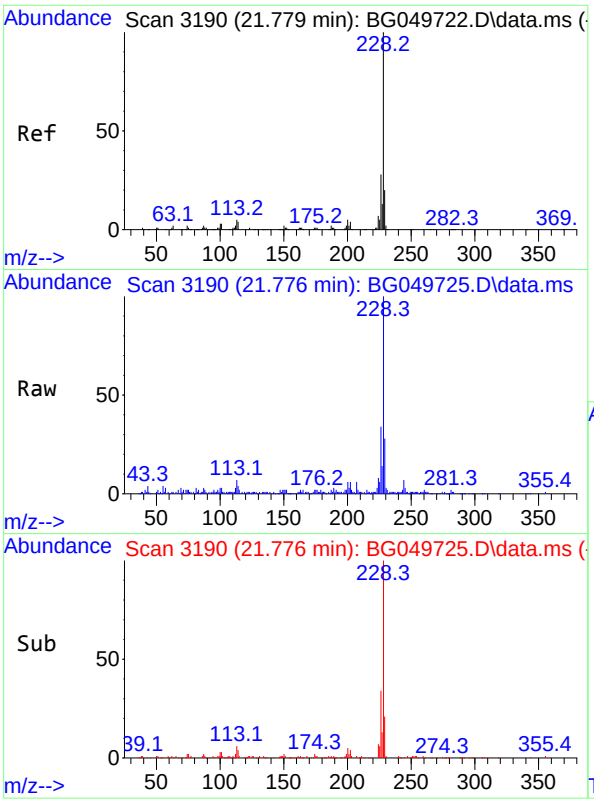


#85
Benzo(a)anthracene
Concen: 8.805 ng/ul
RT: 21.712 min Scan# 3179
Delta R.T. 0.005 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:228 Resp: 94618

Ion	Ratio	Lower	Upper
228	100		
229	28.7	15.3	22.9#
226	30.0	21.0	31.6

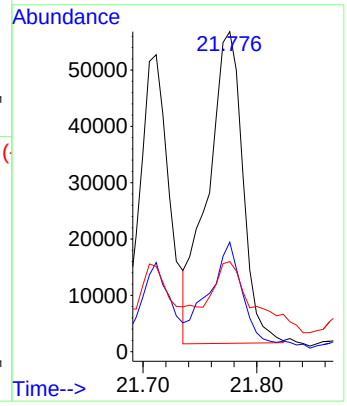




#87
Chrysene
Concen: 11.858 ng/ul
RT: 21.776 min Scan# 3190
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:228 Resp: 119009

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.7	37.1
229	28.1	15.4	23.2#



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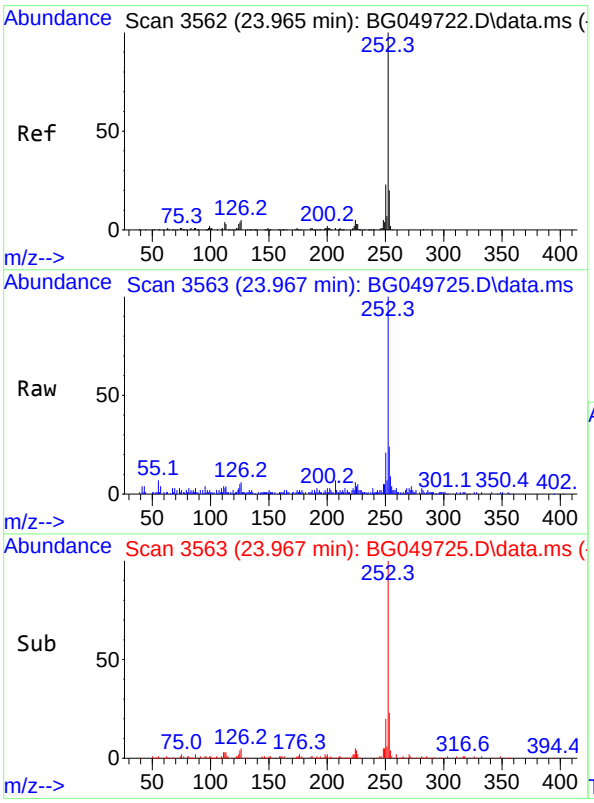
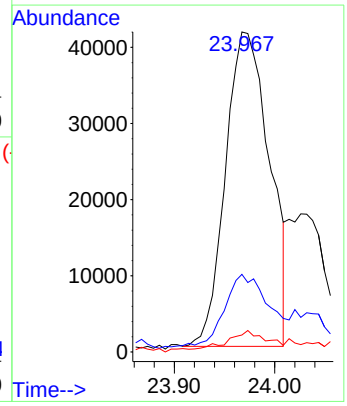
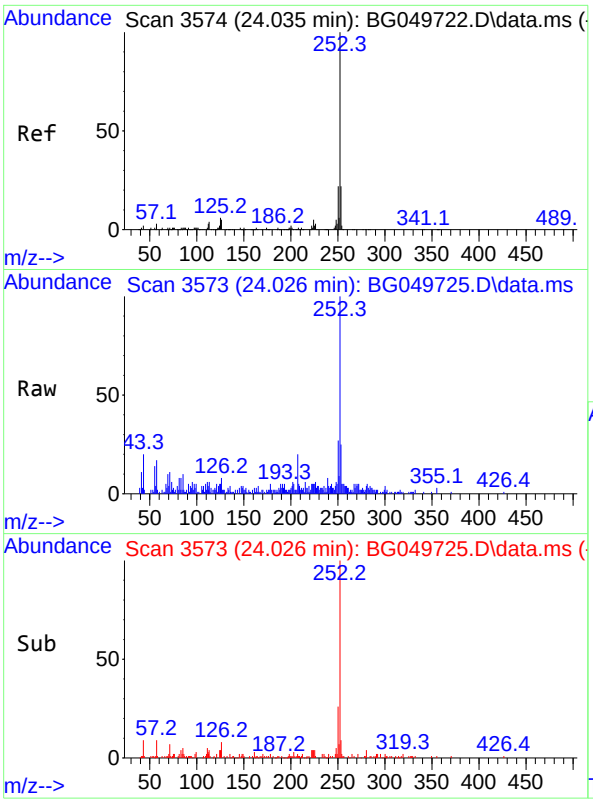


#90
Benzo(b)fluoranthene
Concen: 10.990 ng/ul
RT: 23.967 min Scan# 3563
Delta R.T. 0.011 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:252 Resp: 125992

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	5.3	3.7	5.5

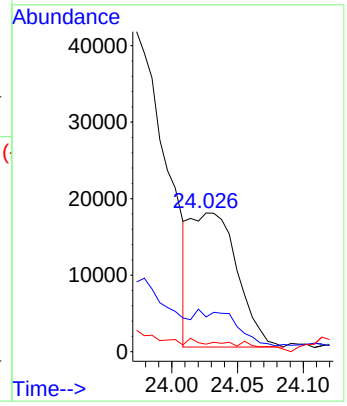




#91
Benzo(k)fluoranthene
Concen: 3.835 ng/ul m
RT: 24.026 min Scan# 3573
Delta R.T. -0.001 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:252 Resp: 43657

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	5.4	3.8	5.8



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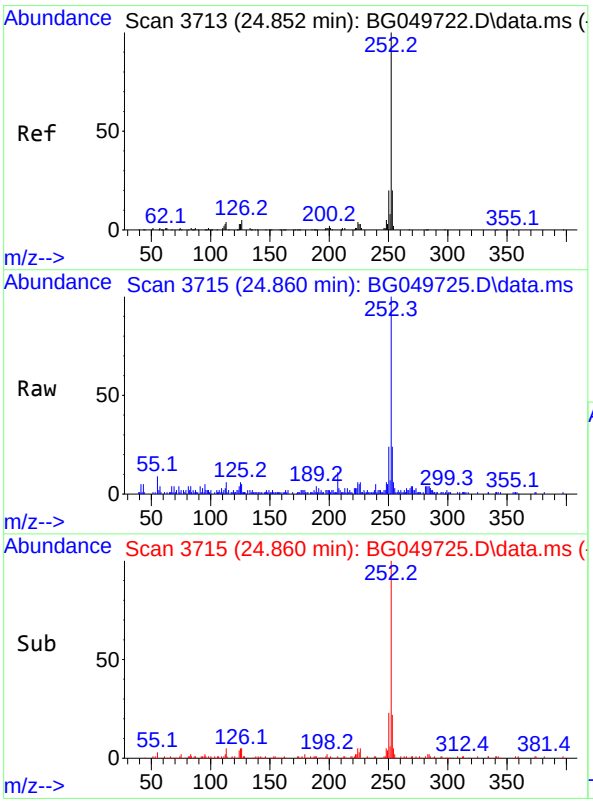
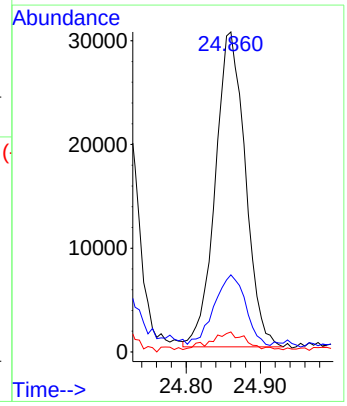
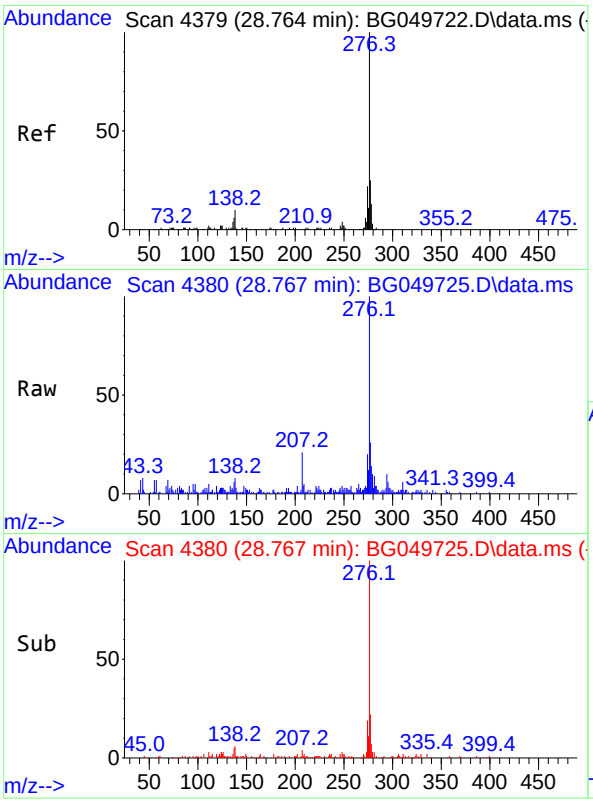


#93
Benzo(a)pyrene
Concen: 8.445 ng/ul
RT: 24.860 min Scan# 3715
Delta R.T. 0.011 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:252 Resp: 85229

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	6.3	4.6	7.0

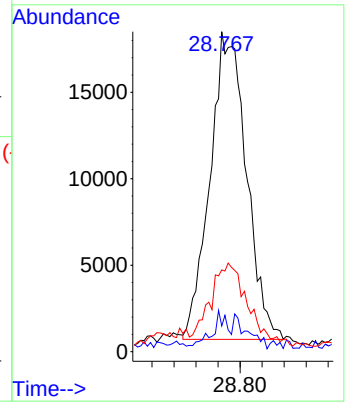




#94
Indeno(1,2,3-cd)pyrene
Concen: 6.123 ng/ul m
RT: 28.767 min Scan# 4380
Delta R.T. 0.022 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:276 Resp: 81100

Ion	Ratio	Lower	Upper
276	100		
138	8.1	6.6	10.0
277	25.5	19.4	29.2



Instrument :
BNA_G
ClientSampleId :
JCE06

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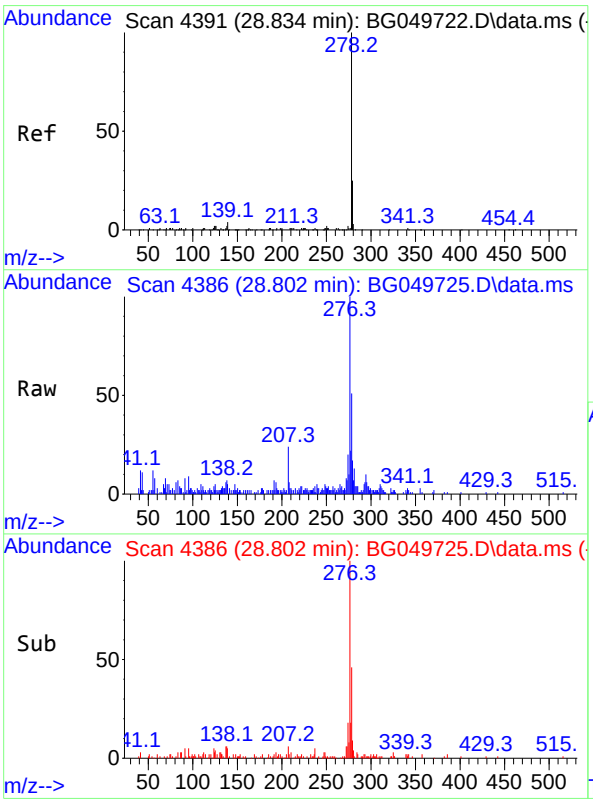
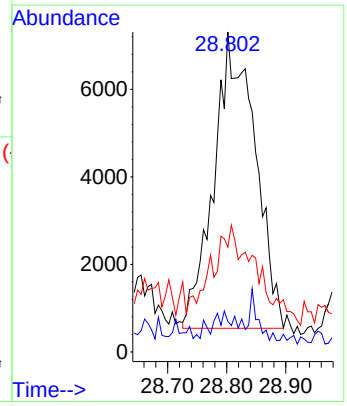
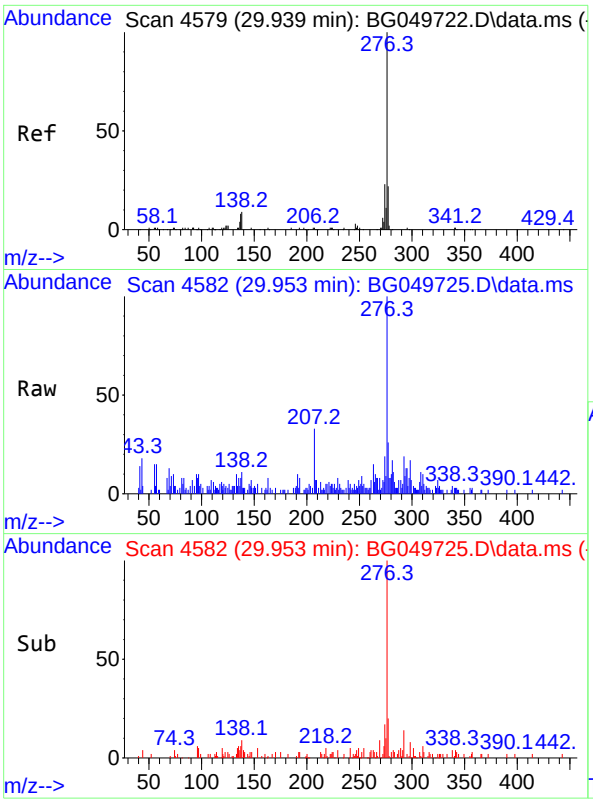


#95
Dibenzo(a,h)anthracene
Concen: 2.954 ng/ul m
RT: 28.802 min Scan# 4386
Delta R.T. -0.019 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:278 Resp: 32636

Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.3	9.5#
279	32.8	18.9	28.3#

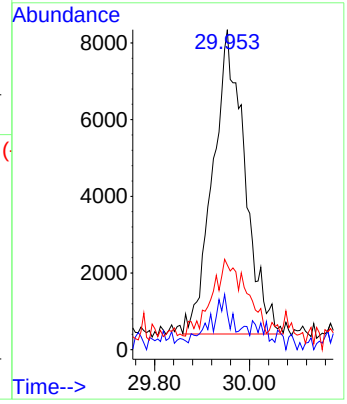




#96
Benzo(g,h,i)perylene
Concen: 3.357 ng/ul m
RT: 29.953 min Scan# 4582
Delta R.T. 0.034 min
Lab File: BG049725.D
Acq: 8 Aug 2021 5:51

Tgt Ion:276 Resp: 36976

Ion	Ratio	Lower	Upper
276	100		
138	11.3	7.2	10.8#
277	26.5	19.5	29.3



Instrument :
BNA_G
ClientSampleId :
JCE06

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:38 PM