Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059299.D
Acq On : 5 Oct 2023 16:43
Operator : MA/JU
Sample : 04527-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYK7

Quant Time: Oct 06 00:21:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	32522	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	158075	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.868	164	99393	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	199394	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	154664	20.000	ng/ul	# 0.00
88) Perylene-d12	25.433	264	195288	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	4297	4.987	ng/uL	0.00
4) Pyridine-d5	3.964	84	67322	26.776	ng/ul	0.00
7) Phenol-d5	7.360	99	101336	31.129	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	65303	31.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	80998	37.014	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	78399	31.155	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	46033	41.268	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	47237	43.137	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	84078	37.376	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	109388	30.055	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	261267	36.357	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	333691	36.995	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	36775	29.305	ng/ul	0.00
60) Fluorene-d10	15.856	176	249208	36.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	21219	20.703	ng/ul	0.00
73) Anthracene-d10	17.718	188	349737	38.494	ng/ul	0.00
81) Pyrene-d10	19.998	212	364696	42.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.186	264	350622	37.362	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	11.132	128	95185	11.231	ng/ul	97
36) 2-Methylnaphthalene	12.712	142	35358	6.368	ng/ul	96
37) 1-Methylnaphthalene	12.930	142	55539	9.856	ng/ul#	93
43) 1,1'-Biphenyl	13.699	154	11530	1.436	ng/ul	92
52) Acenaphthene	14.933	153	16120	2.439	ng/ul#	89
56) Dibenzofuran	15.268	168	10982	1.254	ng/ul#	85
61) Fluorene	15.914	166	10615	1.443	ng/ul#	86
72) Phenanthrene	17.659	178	57929	5.294	ng/ul#	90
80) Fluoranthene	19.663	202	24726	2.317	ng/ul#	87
82) Pyrene	20.021	202	29311	2.593	ng/ul#	83

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

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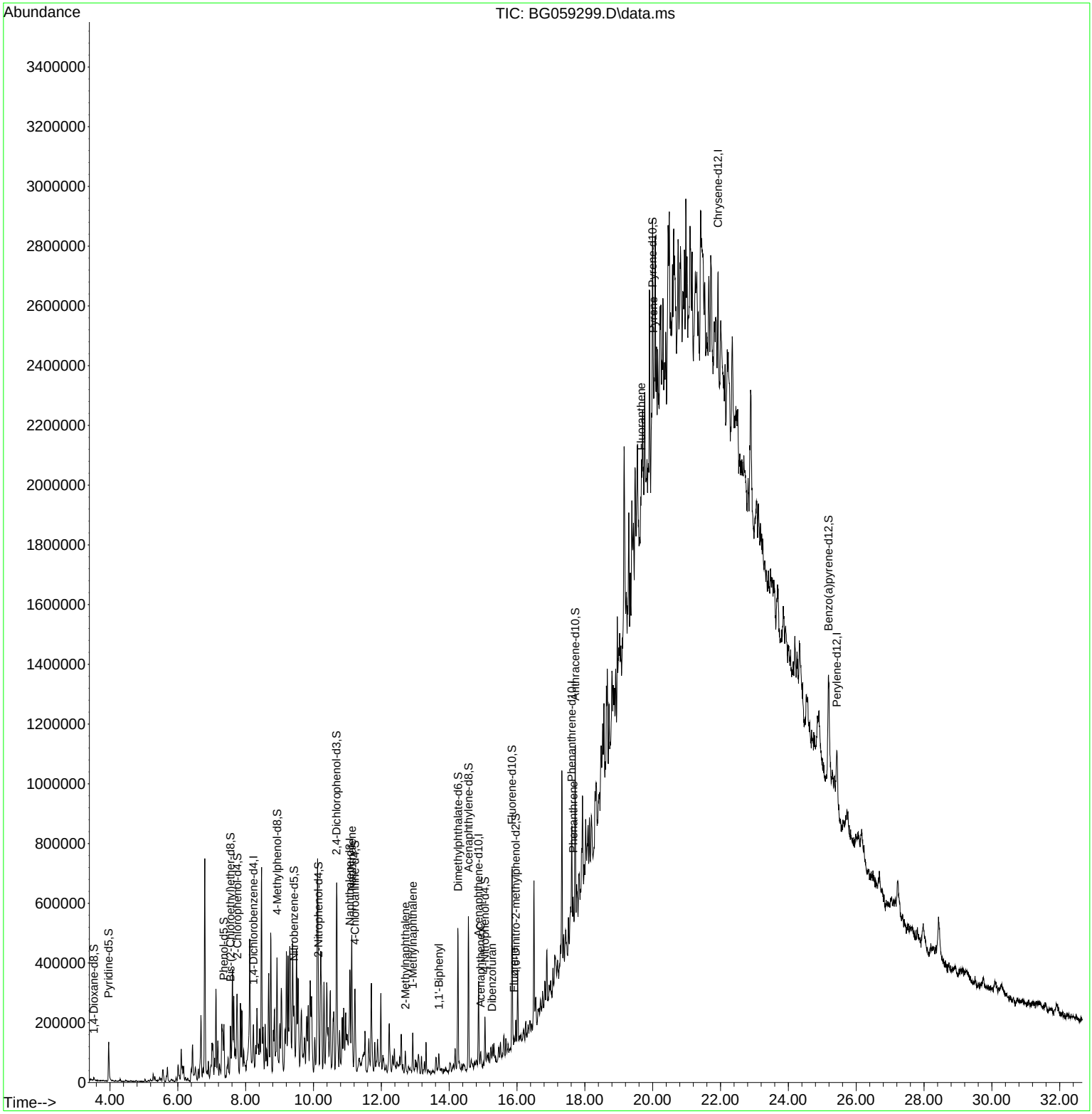
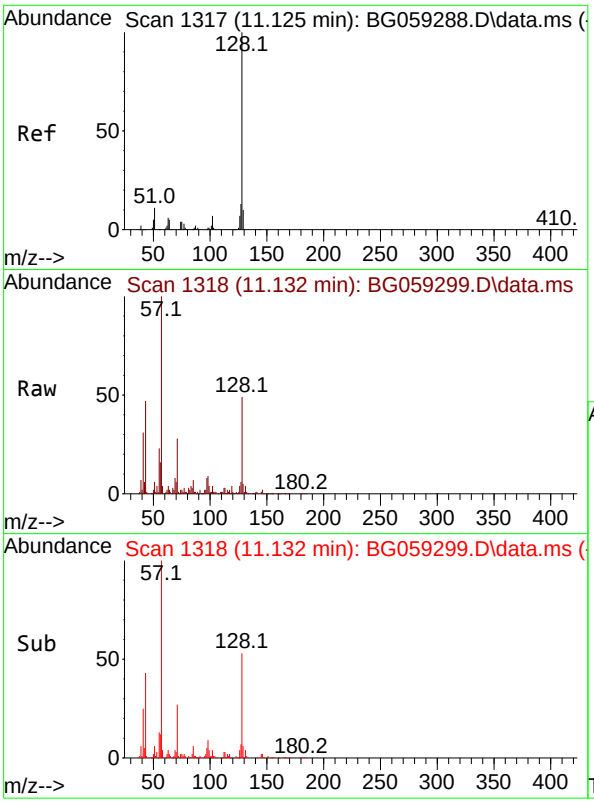


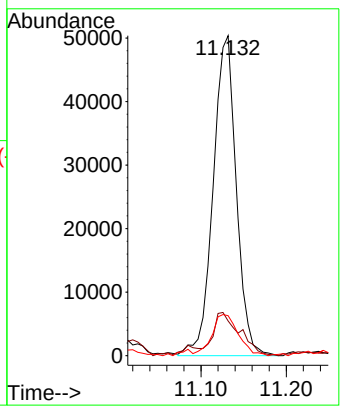


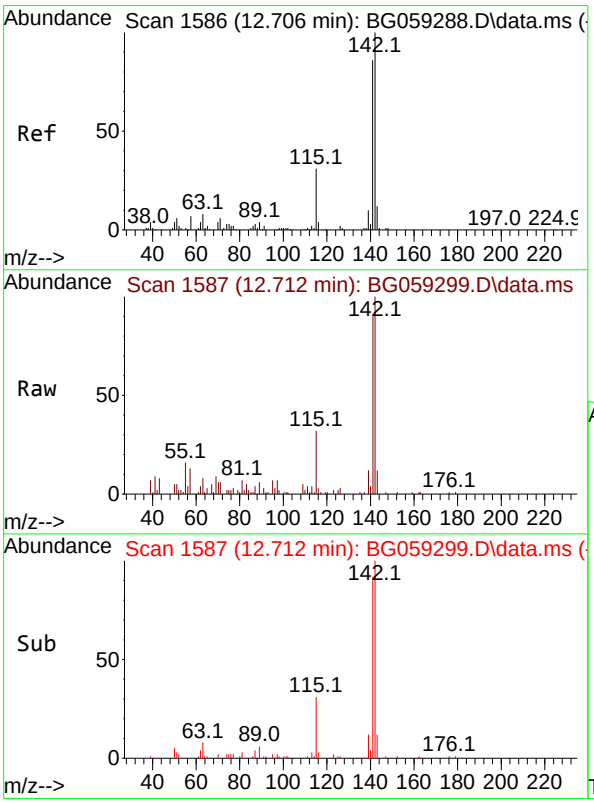
#30
Naphthalene
Concen: 11.231 ng/ul
RT: 11.132 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Instrument :
BNA_G
ClientSampleId :
EZYK7

Tgt Ion:128 Resp: 95185

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.0	12.0
127	12.5	11.1	16.7

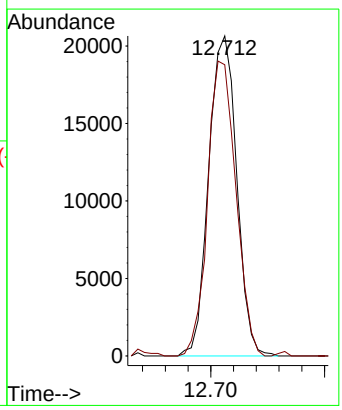


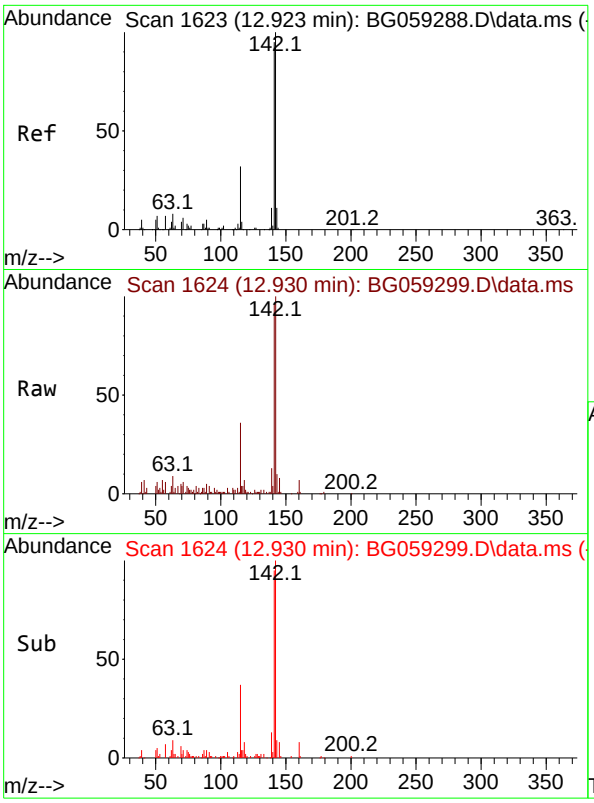


#36
2-Methylnaphthalene
Concen: 6.368 ng/ul
RT: 12.712 min Scan# 1587
Delta R.T. -0.002 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:142 Resp: 35358

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.2	105.2



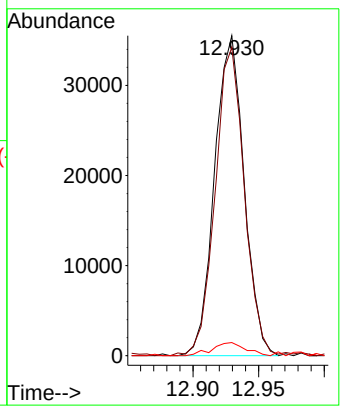


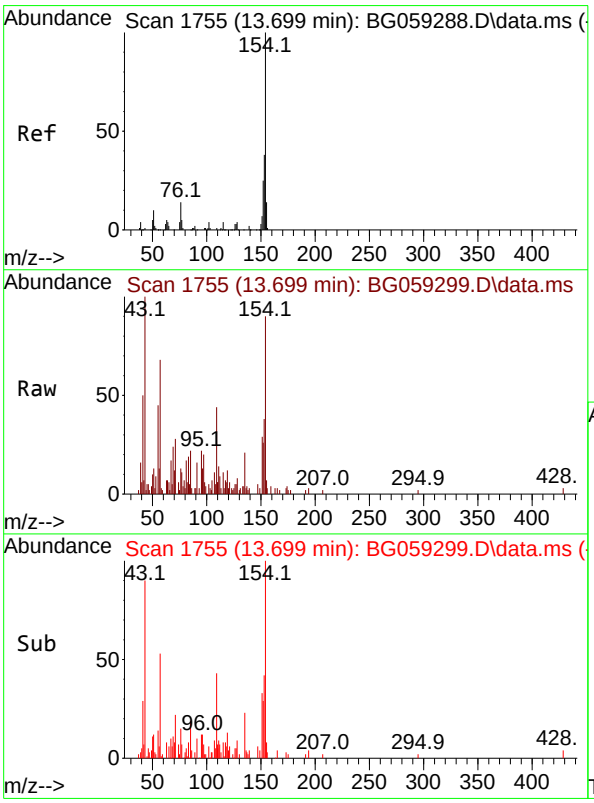
#37
1-Methylnaphthalene
Concen: 9.856 ng/ul
RT: 12.930 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Instrument :
BNA_G
ClientSampleId :
EZYK7

Tgt Ion:142 Resp: 55539

Ion	Ratio	Lower	Upper
142	100		
141	96.3	71.6	107.4
116	4.1	2.3	3.5#

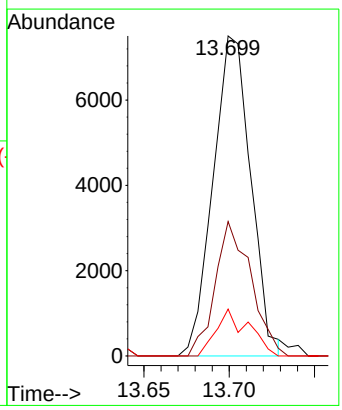


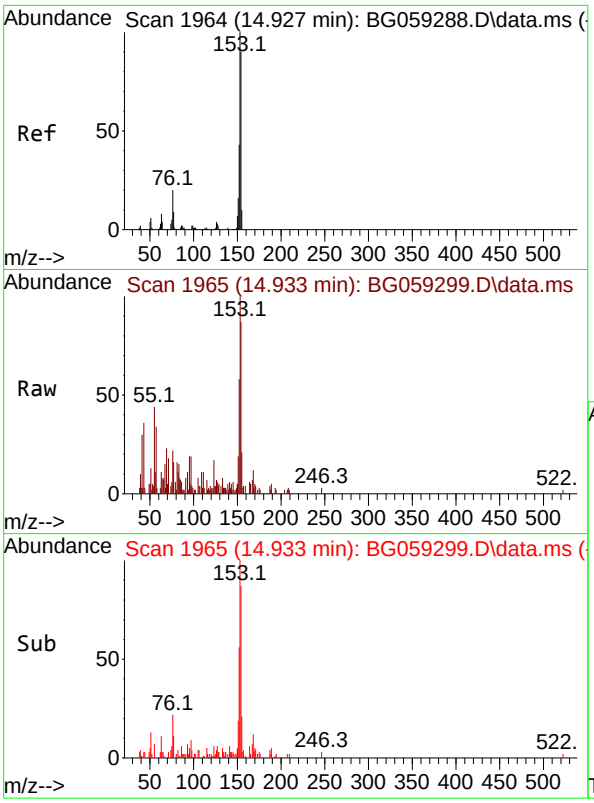


#43
1,1'-Biphenyl
Concen: 1.436 ng/ul
RT: 13.699 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:154 Resp: 11530

Ion	Ratio	Lower	Upper
154	100		
153	42.0	29.2	43.8
76	14.6	10.1	15.1



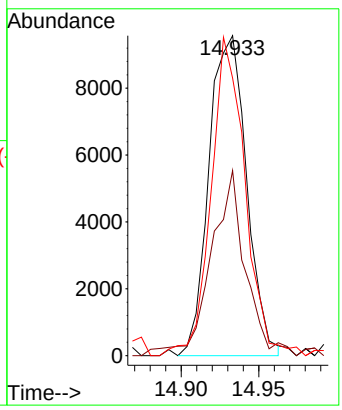


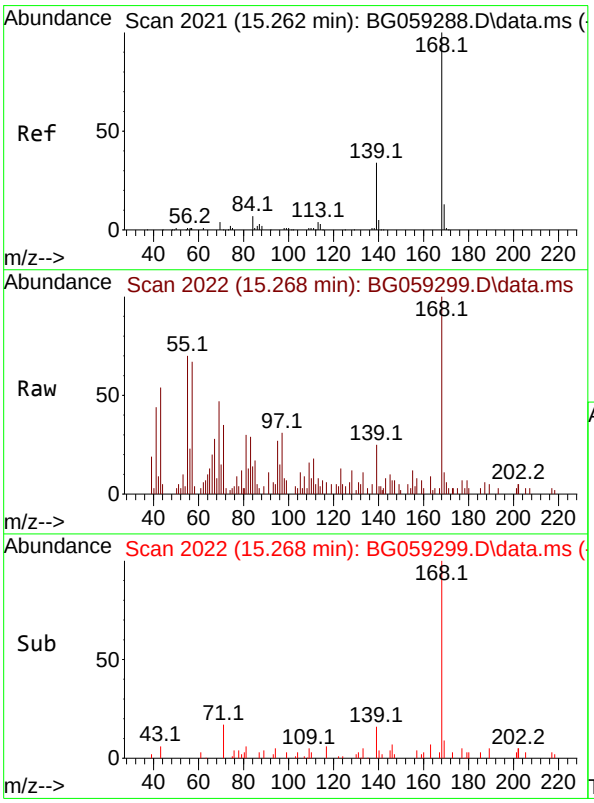
#52
Acenaphthene
Concen: 2.439 ng/ul
RT: 14.933 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Instrument :
BNA_G
ClientSampleId :
EZYK7

Tgt Ion:153 Resp: 16120

Ion	Ratio	Lower	Upper
153	100		
152	57.9	38.5	57.7#
154	86.8	76.3	114.5

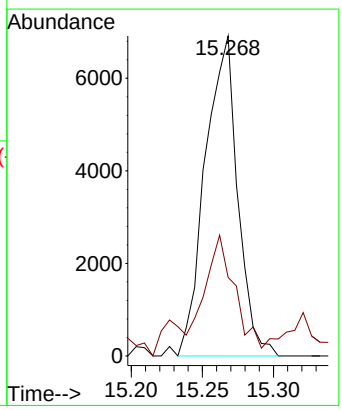


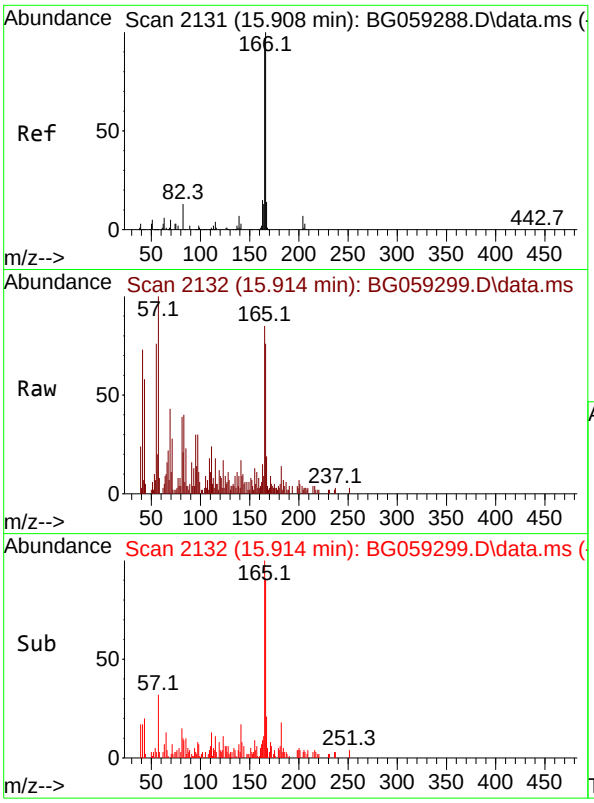


#56
Dibenzofuran
Concen: 1.254 ng/ul
RT: 15.268 min Scan# 2022
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:168 Resp: 10982

Ion	Ratio	Lower	Upper
168	100		
139	24.6	26.6	39.8#



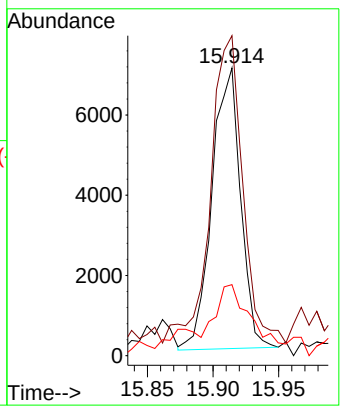


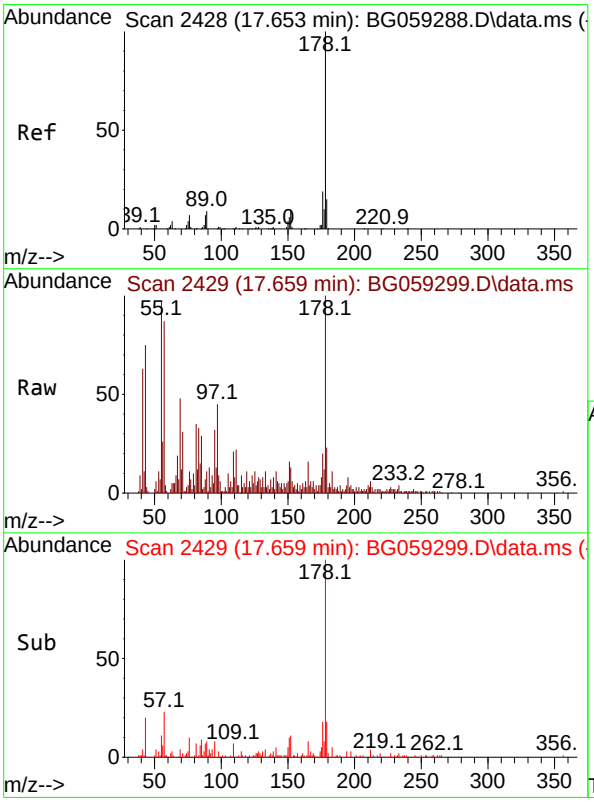
#61
Fluorene
Concen: 1.443 ng/ul
RT: 15.914 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Instrument :
BNA_G
ClientSampleId :
EZYK7

Tgt Ion:166 Resp: 10615

Ion	Ratio	Lower	Upper
166	100		
165	111.3	78.6	118.0
167	24.7	11.8	17.8#

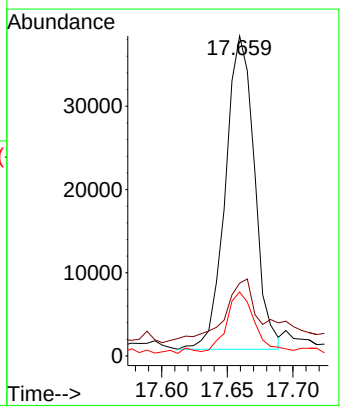


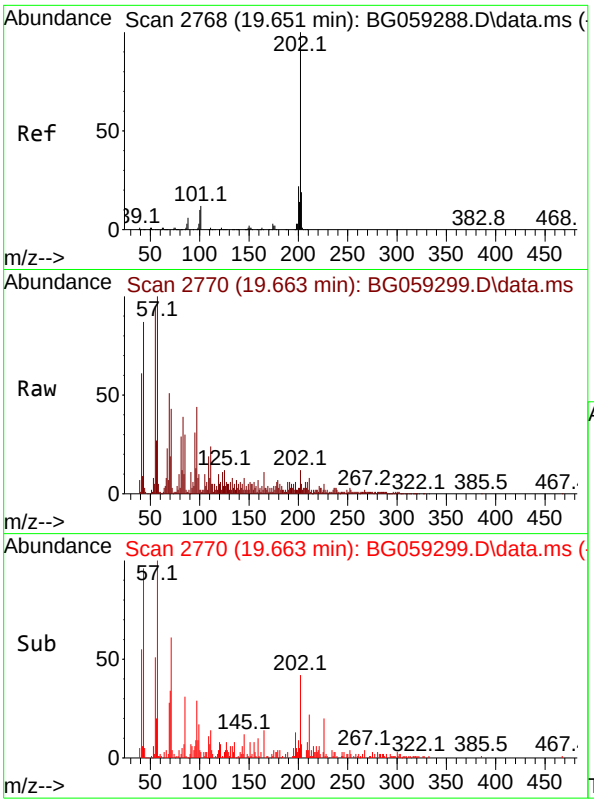


#72
Phenanthrene
Concen: 5.294 ng/ul
RT: 17.659 min Scan# 2429
Delta R.T. -0.002 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:178 Resp: 57929

Ion	Ratio	Lower	Upper
178	100		
179	22.8	12.3	18.5#
176	20.0	14.6	21.8



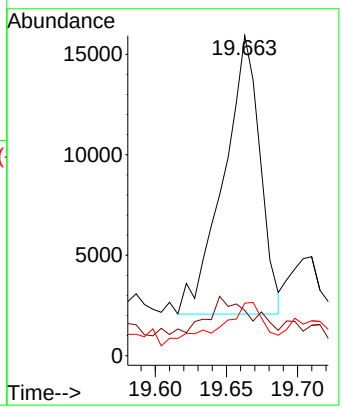


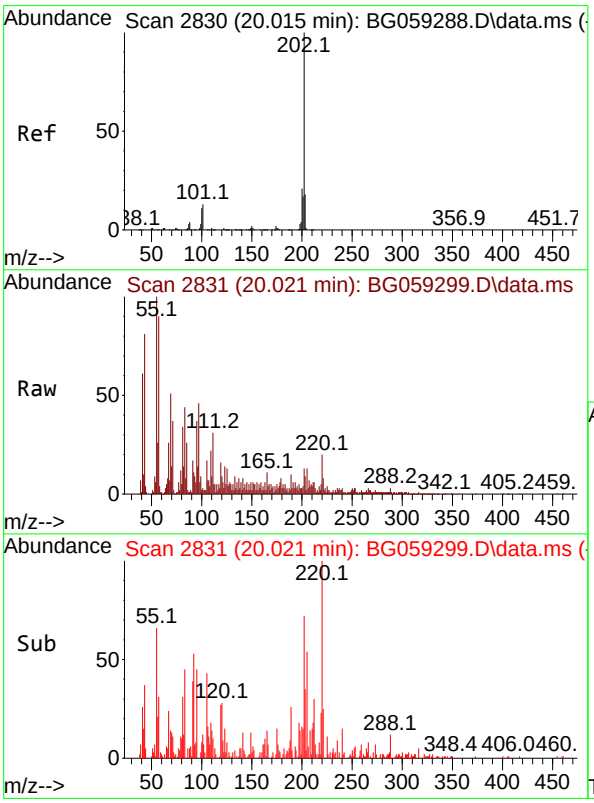
#80
Fluoranthene
Concen: 2.317 ng/ul
RT: 19.663 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Instrument :
BNA_G
ClientSampleId :
EZYK7

Tgt Ion:202 Resp: 24726

Ion	Ratio	Lower	Upper
202	100		
101	14.1	8.2	12.4#
100	16.4	8.2	12.2#





#82
Pyrene
Concen: 2.593 ng/ul
RT: 20.021 min Scan# 2831
Delta R.T. -0.002 min
Lab File: BG059299.D
Acq: 5 Oct 2023 16:43

Tgt Ion:202 Resp: 29311

Ion	Ratio	Lower	Upper
202	100		
101	24.1	10.2	15.4#
100	13.6	9.6	14.4