

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
 Data File : BG050960.D
 Acq On : 11 Nov 2021 3:13
 Operator : CG/JU
 Sample : M4419-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COHF0

Quant Time: Nov 11 04:00:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:49:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

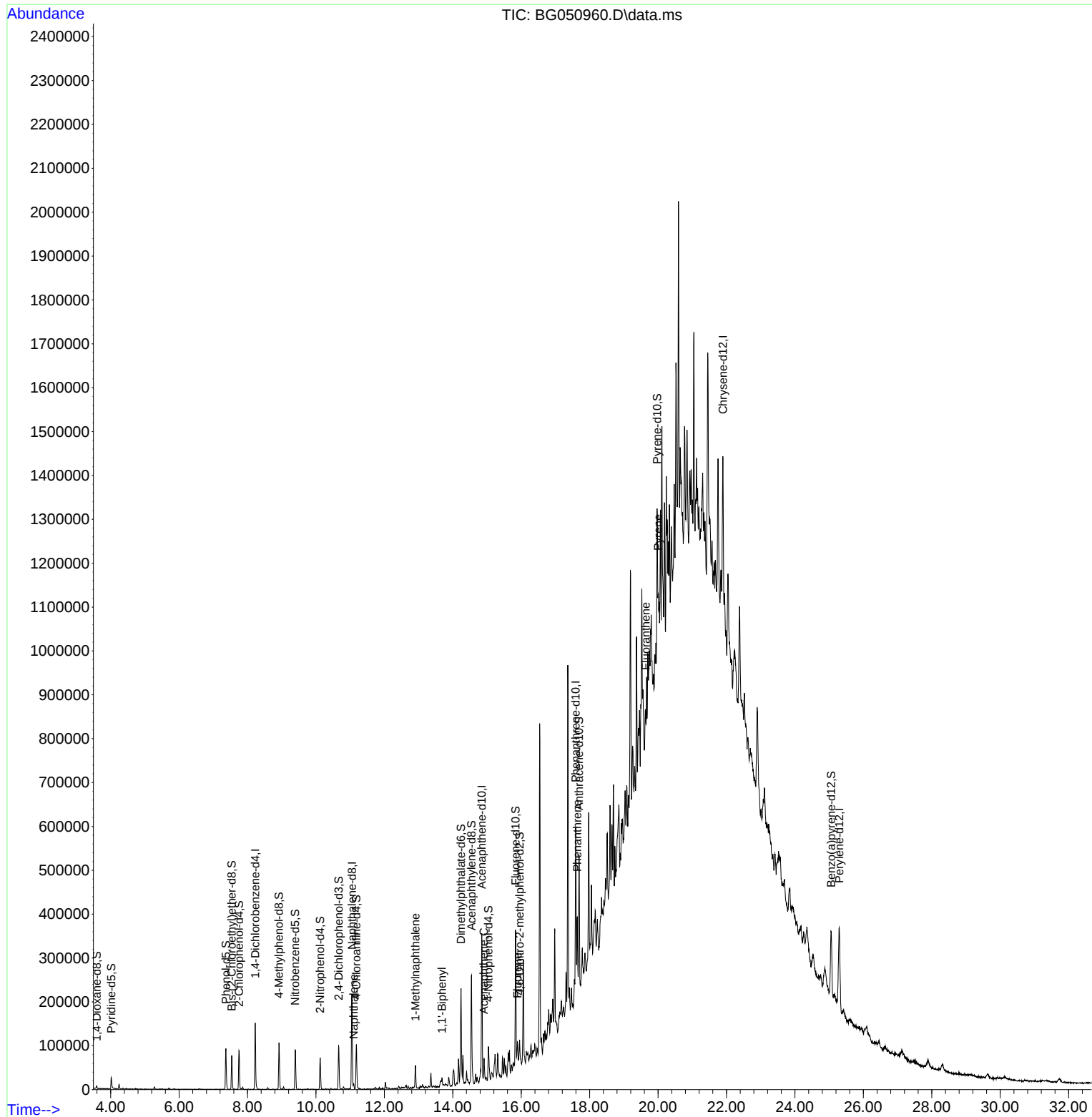
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	40301	20.000	ng/ul	0.00
20) Naphthalene-d8	11.052	136	180979	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.848	164	114694	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.592	188	210954	20.000	ng/ul	-0.01
79) Chrysene-d12	21.898	240	177151	20.000	ng/ul	0.00
88) Perylene-d12	25.294	264	186188	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.590	96	3425	2.743	ng/uL	0.00
4) Pyridine-d5	4.019	84	17254	4.619	ng/ul	0.00
7) Phenol-d5	7.368	99	55534	12.917	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.539	67	40192	14.472	ng/ul	0.00
11) 2-Chlorophenol-d4	7.756	132	41179	13.820	ng/ul	0.00
15) 4-Methylphenol-d8	8.919	113	41435	12.242	ng/ul	-0.01
21) Nitrobenzene-d5	9.395	128	22199	14.434	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.124	143	22469	13.139	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.664	165	38229	13.271	ng/ul	0.00
31) 4-Chloroaniline-d4	11.182	131	53013	12.152	ng/ul	0.00
46) Dimethylphthalate-d6	14.243	166	134236	15.298	ng/ul	0.00
49) Acenaphthylene-d8	14.548	160	182765	16.718	ng/ul	0.00
54) 4-Nitrophenol-d4	15.042	143	14171	8.907	ng/ul	0.00
60) Fluorene-d10	15.835	176	123543	15.893	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.952	200	12281	9.602	ng/ul	0.00
73) Anthracene-d10	17.692	188	177522	17.799	ng/ul	-0.01
81) Pyrene-d10	19.971	212	188037	16.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.059	264	166942	16.219	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.105	128	10602	1.071	ng/ul#	93
37) 1-Methylnaphthalene	12.909	142	24016	3.515	ng/ul#	91
43) 1,1'-Biphenyl	13.684	154	9429	1.125	ng/ul	92
52) Acenaphthene	14.912	153	17011	2.361	ng/ul	91
61) Fluorene	15.894	166	17724	2.171	ng/ul	95
72) Phenanthrene	17.639	178	96702	8.588	ng/ul	97
80) Fluoranthene	19.636	202	22062	1.607	ng/ul#	86
82) Pyrene	20.001	202	28450	2.120	ng/ul#	85

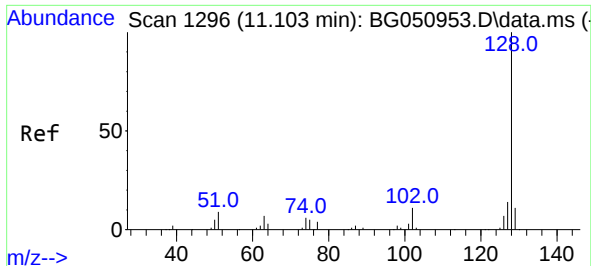
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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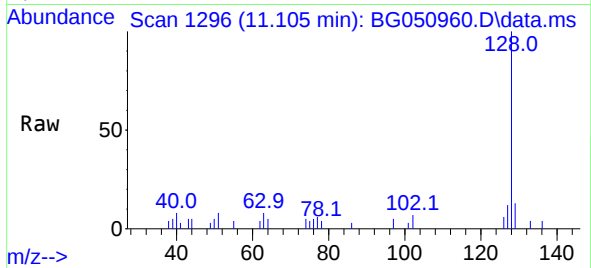
Quant Time: Nov 11 04:00:40 2021
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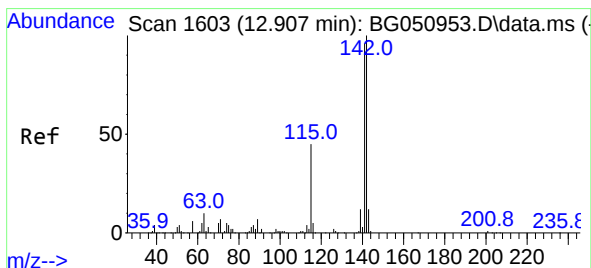
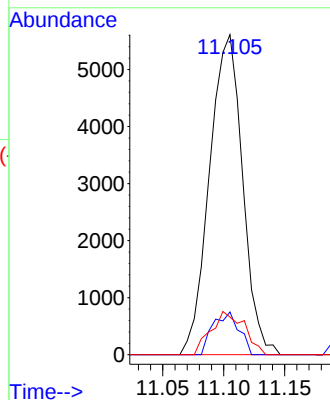
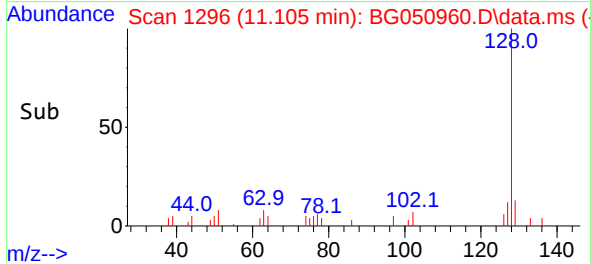


#30
Naphthalene
Concen: 1.071 ng/ul
RT: 11.105 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG050960.D
Acq: 11 Nov 2021 3:13

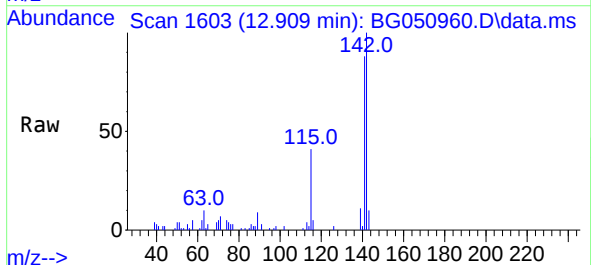
Instrument :
BNA_G
ClientSampleId :
COHF0



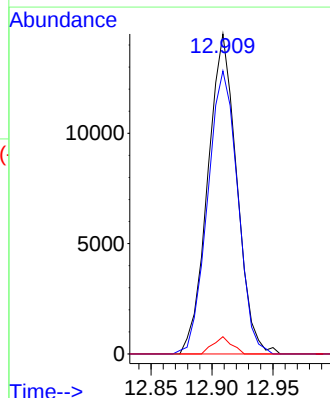
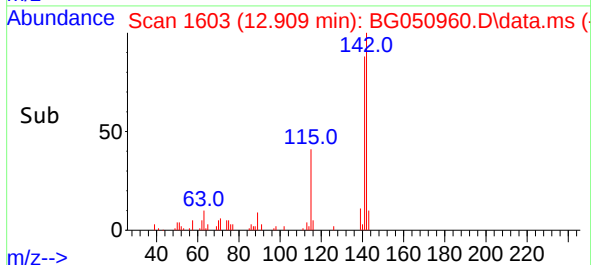
Tgt Ion:128 Resp: 10602
Ion Ratio Lower Upper
128 100
129 13.3 8.5 12.7#
127 11.8 11.8 17.6

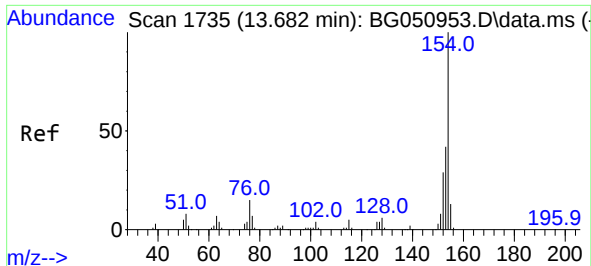


#37
1-Methylnaphthalene
Concen: 3.515 ng/ul
RT: 12.909 min Scan# 1603
Delta R.T. -0.008 min
Lab File: BG050960.D
Acq: 11 Nov 2021 3:13



Tgt Ion:142 Resp: 24016
Ion Ratio Lower Upper
142 100
141 88.5 77.8 116.8
116 5.4 3.3 4.9#

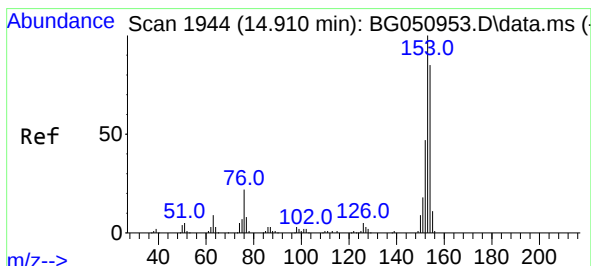
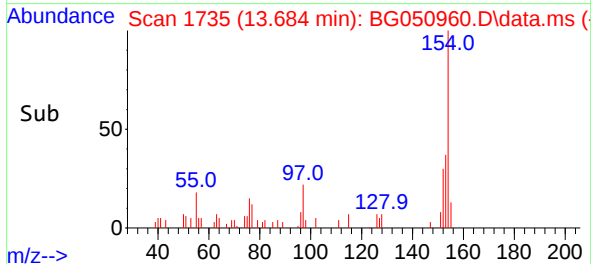
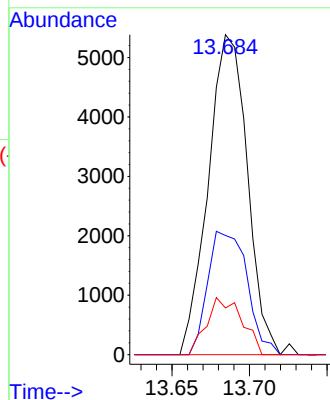
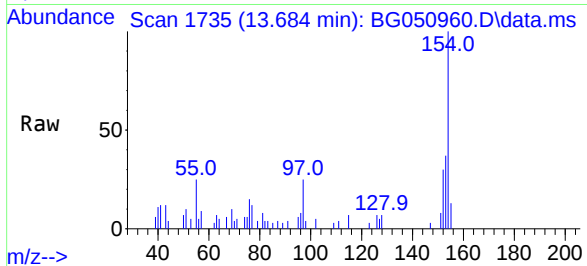




#43
 1,1'-Biphenyl
 Concen: 1.125 ng/ul
 RT: 13.684 min Scan# 1
 Delta R.T. -0.008 min
 Lab File: BG050960.D
 Acq: 11 Nov 2021 3:13

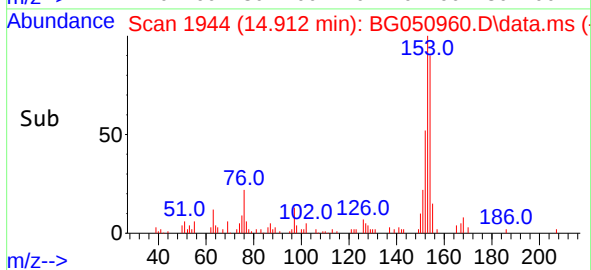
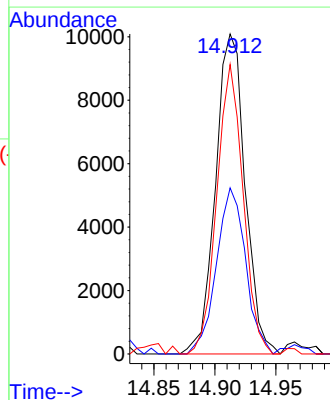
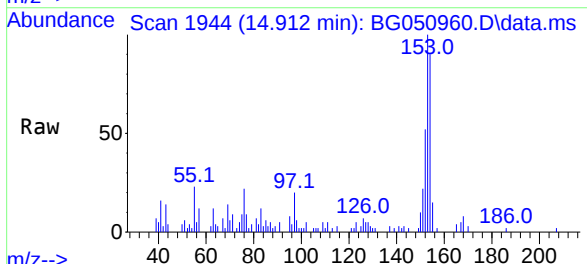
Instrument :
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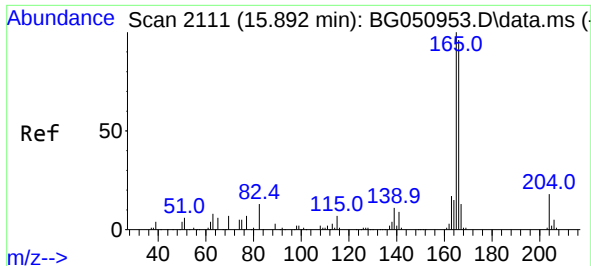
Tgt Ion:	154	Resp:	9429
Ion	Ratio	Lower	Upper
154	100		
153	37.3	34.5	51.7
76	14.6	13.1	19.7



#52
 Acenaphthene
 Concen: 2.361 ng/ul
 RT: 14.912 min Scan# 1944
 Delta R.T. -0.014 min
 Lab File: BG050960.D
 Acq: 11 Nov 2021 3:13

Tgt Ion:	153	Resp:	17011
Ion	Ratio	Lower	Upper
153	100		
152	51.9	36.5	54.7
154	90.5	65.8	98.6

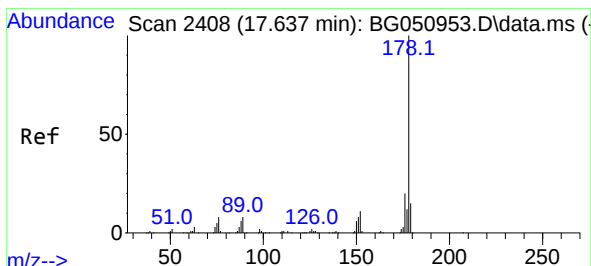
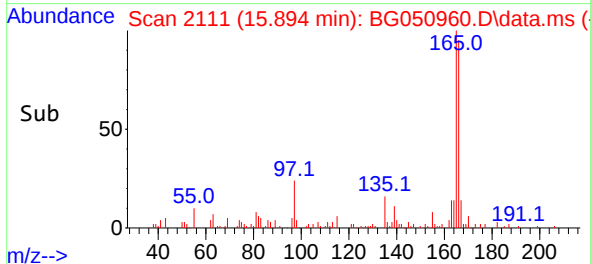
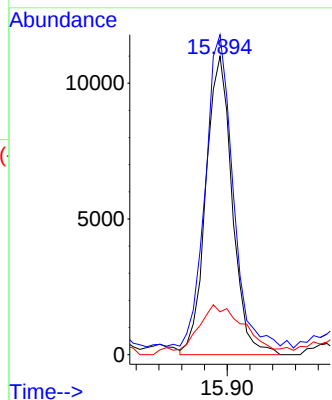
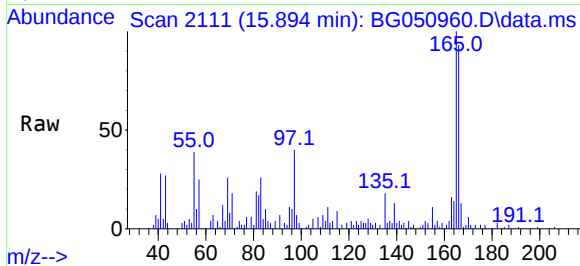




#61
Fluorene
Concen: 2.171 ng/ul
RT: 15.894 min Scan# 2111
Delta R.T. -0.014 min
Lab File: BG050960.D
Acq: 11 Nov 2021 3:13

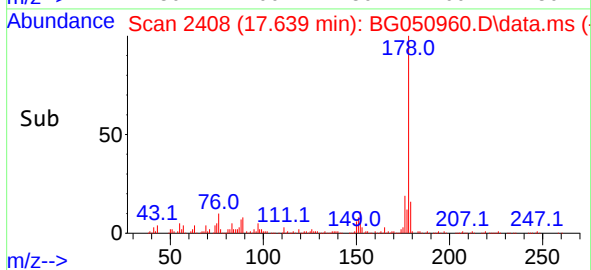
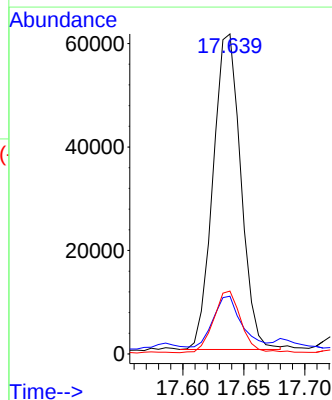
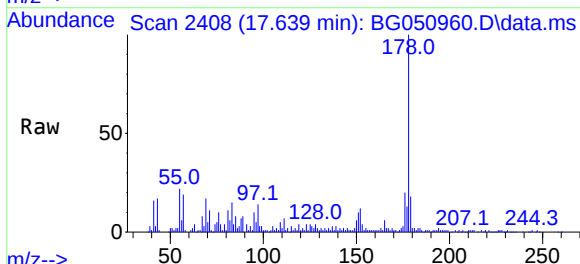
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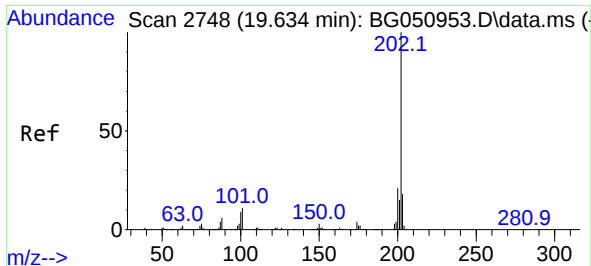
Tgt Ion:166 Resp: 17724
Ion Ratio Lower Upper
166 100
165 107.3 81.0 121.6
167 14.4 11.0 16.4



#72
Phenanthrene
Concen: 8.588 ng/ul
RT: 17.639 min Scan# 2408
Delta R.T. -0.008 min
Lab File: BG050960.D
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Tgt Ion:178 Resp: 96702
Ion Ratio Lower Upper
178 100
179 18.0 12.3 18.5
176 19.7 15.5 23.3

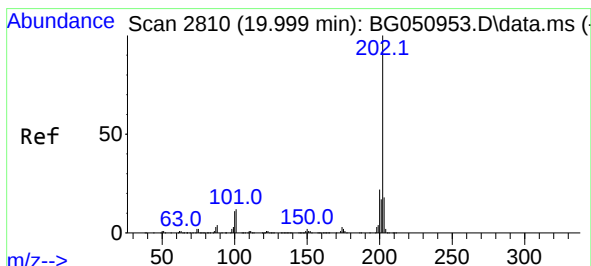
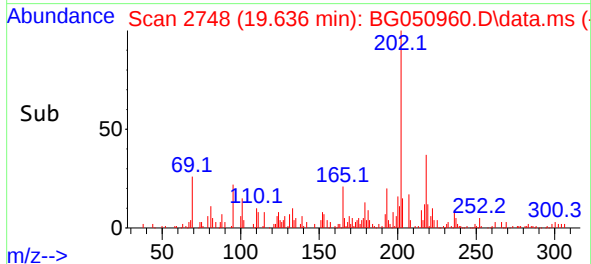
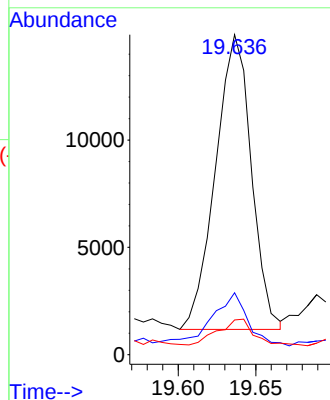
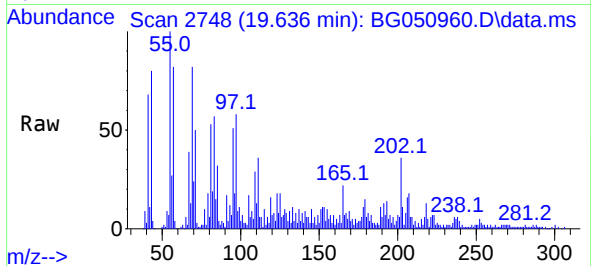




#80
Fluoranthene
Concen: 1.607 ng/u1
RT: 19.636 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG050960.D
Acq: 11 Nov 2021 3:13

Instrument :
BNA_G
ClientSampleId :
COHF0

Tgt Ion:202 Resp: 22062
Ion Ratio Lower Upper
202 100
101 19.4 9.3 13.9#
100 10.8 7.0 10.6#



#82
Pyrene
Concen: 2.120 ng/u1
RT: 20.001 min Scan# 2810
Delta R.T. -0.008 min
Lab File: BG050960.D
Acq: 11 Nov 2021 3:13

Tgt Ion:202 Resp: 28450
Ion Ratio Lower Upper
202 100
101 24.2 10.7 16.1#
100 11.9 9.0 13.6

