

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
 Data File : BG050948.D
 Acq On : 10 Nov 2021 18:19
 Operator : CG/JU
 Sample : M4419-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COHF3

Quant Time: Nov 11 00:18:10 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

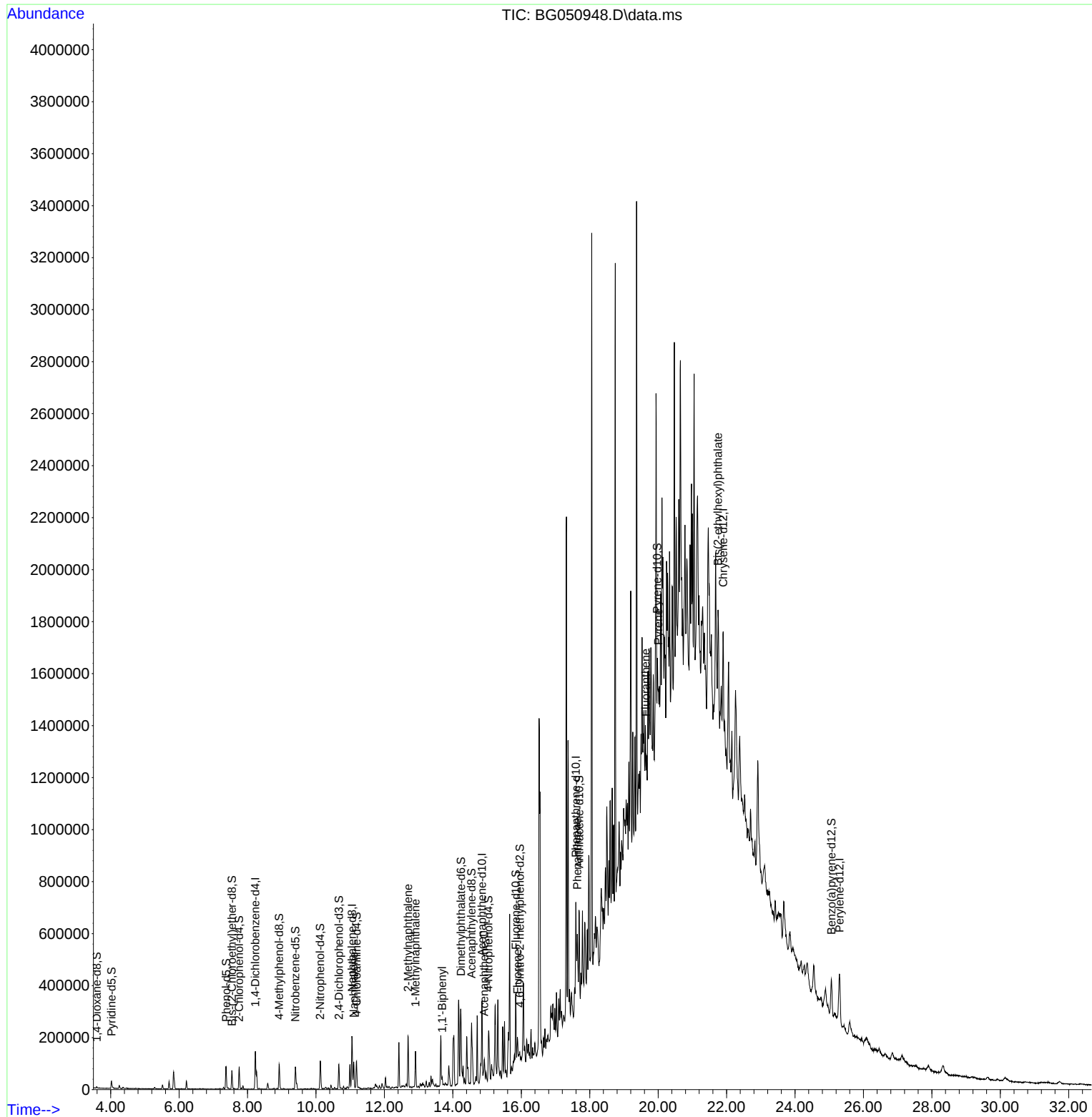
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	39700	20.000	ng/u1	0.00
20) Naphthalene-d8	11.050	136	169401	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.851	164	108198	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.595	188	205069	20.000	ng/u1	-0.01
79) Chrysene-d12	21.902	240	175052	20.000	ng/u1	0.00
88) Perylene-d12	25.303	264	181615	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	3116	2.533	ng/uL	0.00
4) Pyridine-d5	4.023	84	20337	5.527	ng/u1	0.00
7) Phenol-d5	7.372	99	51564	12.175	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	37041	13.539	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	38459	13.103	ng/u1	-0.01
15) 4-Methylphenol-d8	8.923	113	37781	11.331	ng/u1	-0.01
21) Nitrobenzene-d5	9.399	128	20083	13.951	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.121	143	21357	13.342	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.668	165	35874	13.305	ng/u1	0.00
31) 4-Chloroaniline-d4	11.185	131	52479	12.852	ng/u1	0.00
46) Dimethylphthalate-d6	14.240	166	118155	14.274	ng/u1	-0.01
49) Acenaphthylene-d8	14.545	160	161883	15.697	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.039	143	14180	9.448	ng/u1	0.00
60) Fluorene-d10	15.838	176	110265	15.037	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	10885	8.755	ng/u1	0.00
73) Anthracene-d10	17.695	188	157839	16.280	ng/u1	-0.01
81) Pyrene-d10	19.974	212	166448	14.722	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.063	264	149134	14.854	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.102	128	79765	8.611	ng/u1	98
36) 2-Methylnaphthalene	12.689	142	94168	14.922	ng/u1	97
37) 1-Methylnaphthalene	12.906	142	60749	9.500	ng/u1	97
43) 1,1'-Biphenyl	13.688	154	14968	1.893	ng/u1	96
52) Acenaphthene	14.916	153	22727	3.344	ng/u1#	90
61) Fluorene	15.891	166	38152	4.955	ng/u1	96
72) Phenanthrene	17.636	178	106177	9.700	ng/u1	97
80) Fluoranthene	19.640	202	20195	1.488	ng/u1#	85
82) Pyrene	20.004	202	24172	1.823	ng/u1#	80
86) Bis(2-ethylhexyl)phtha...	21.749	149	16516	2.018	ng/u1#	56

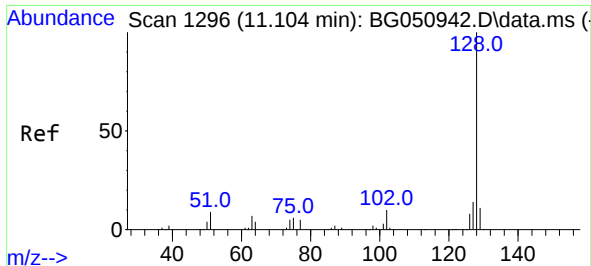
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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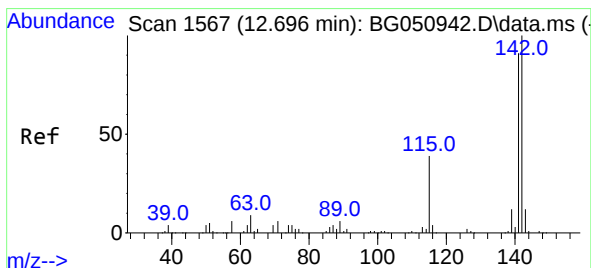
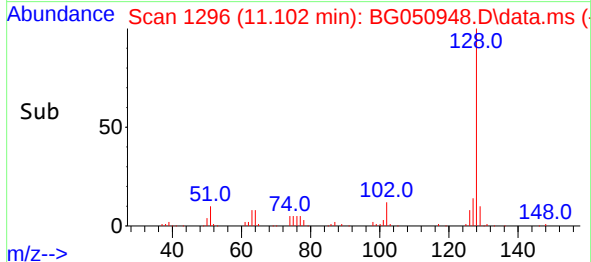
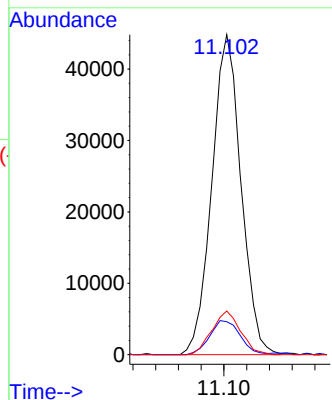
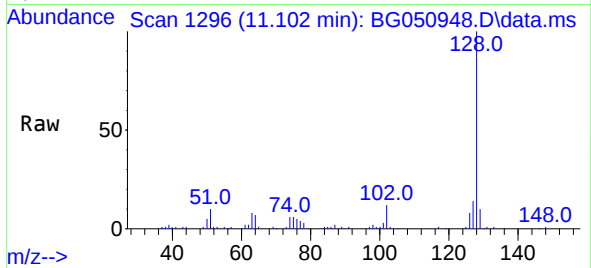




#30
Naphthalene
Concen: 8.611 ng/ul
RT: 11.102 min Scan# 1296
Delta R.T. -0.011 min
Lab File: BG050948.D
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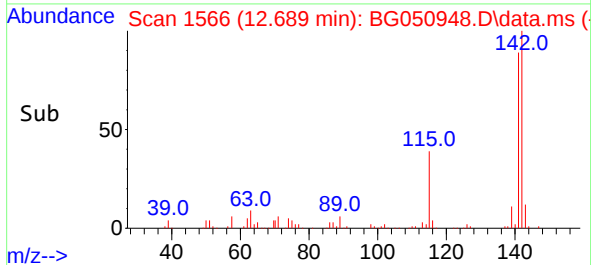
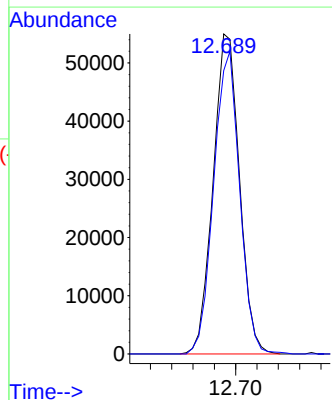
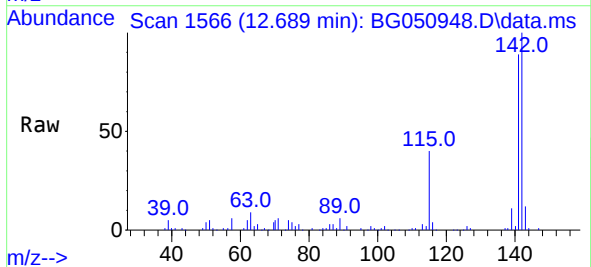
Instrument :
BNA_G
ClientSampleId :
C0HF3

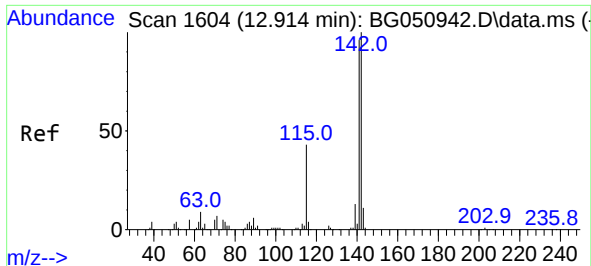
Tgt Ion:128 Resp: 79765
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.7 11.8 17.6



#36
2-Methylnaphthalene
Concen: 14.922 ng/ul
RT: 12.689 min Scan# 1566
Delta R.T. -0.011 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

Tgt Ion:142 Resp: 94168
Ion Ratio Lower Upper
142 100
141 88.5 73.3 109.9

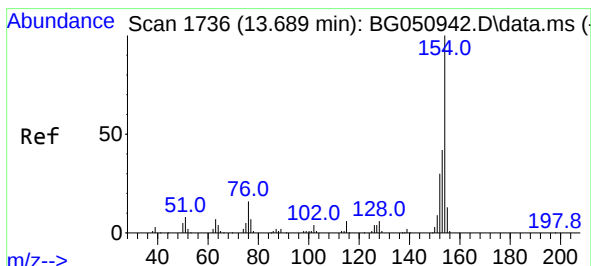
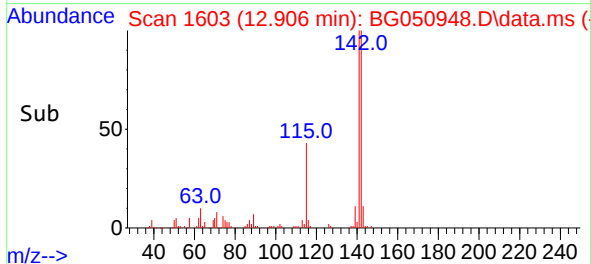
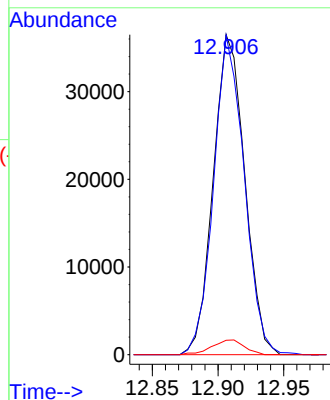
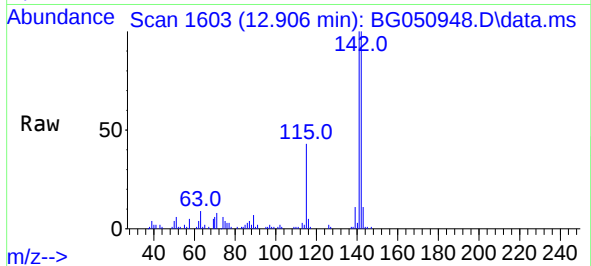




#37
1-Methylnaphthalene
Concen: 9.500 ng/ul
RT: 12.906 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

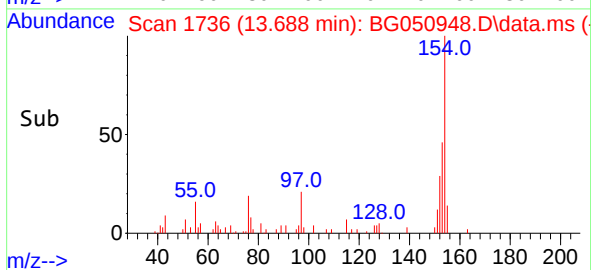
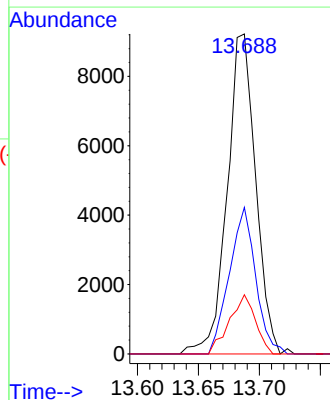
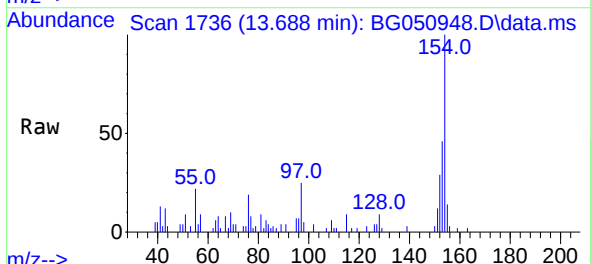
Instrument :
BNA_G
ClientSampleId :
COHF3

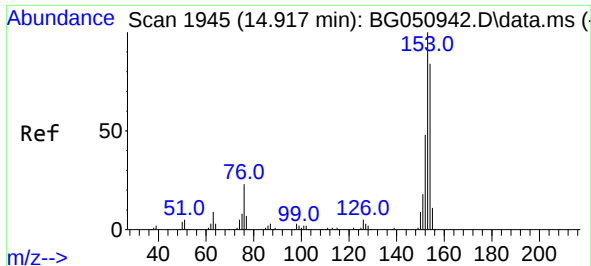
Tgt Ion:142 Resp: 60749
Ion Ratio Lower Upper
142 100
141 99.8 77.8 116.8
116 4.5 3.3 4.9



#43
1,1'-Biphenyl
Concen: 1.893 ng/ul
RT: 13.688 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

Tgt Ion:154 Resp: 14968
Ion Ratio Lower Upper
154 100
153 45.8 34.5 51.7
76 18.5 13.1 19.7

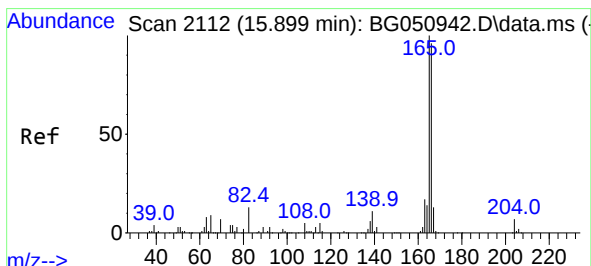
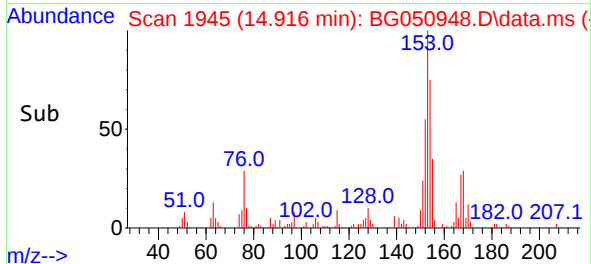
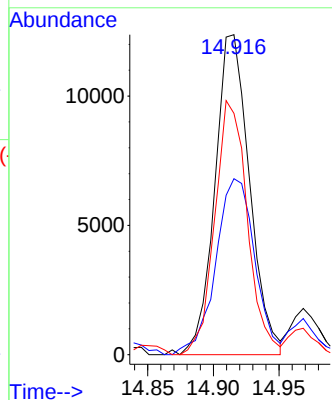
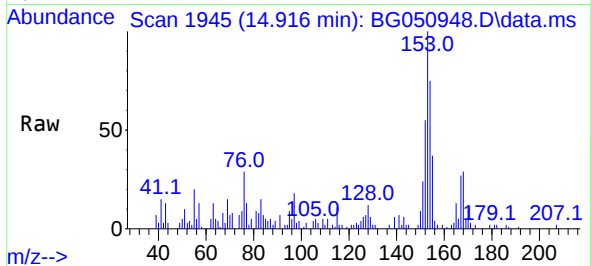




#52
Acenaphthene
Concen: 3.344 ng/ul
RT: 14.916 min Scan# 1945
Delta R.T. -0.011 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

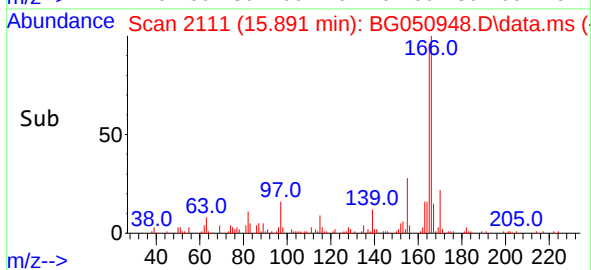
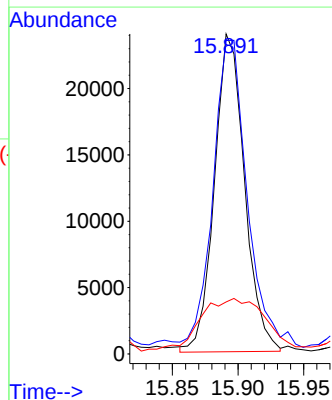
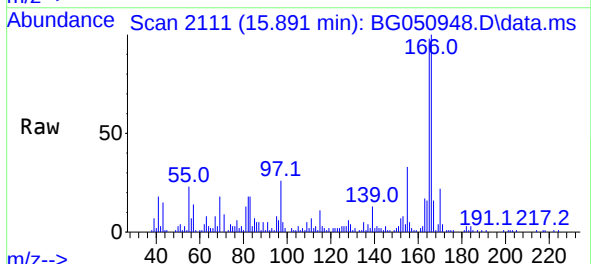
Instrument :
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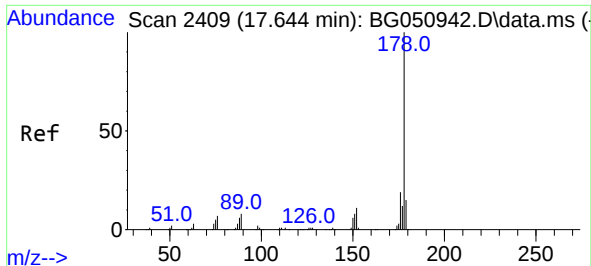
Tgt Ion:153 Resp: 22727
Ion Ratio Lower Upper
153 100
152 55.0 36.5 54.7#
154 75.4 65.8 98.6



#61
Fluorene
Concen: 4.955 ng/ul
RT: 15.891 min Scan# 2111
Delta R.T. -0.017 min
Lab File: BG050948.D
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Tgt Ion:166 Resp: 38152
Ion Ratio Lower Upper
166 100
165 98.0 81.0 121.6
167 16.2 11.0 16.4

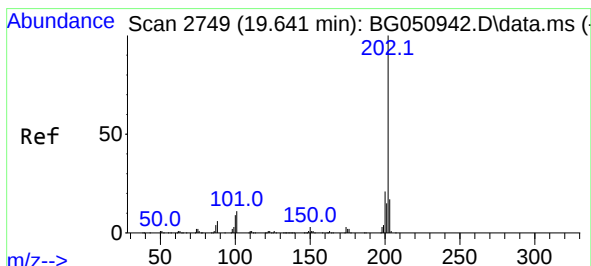
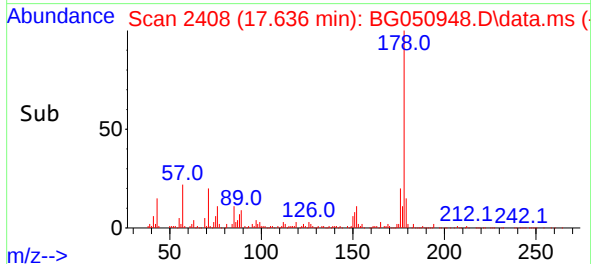
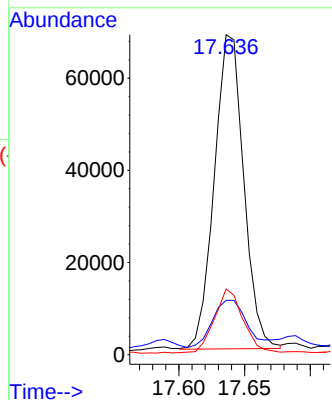
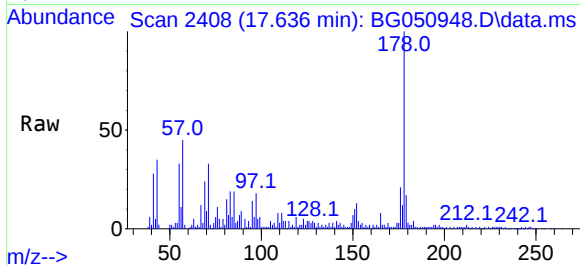




#72
Phenanthrene
Concen: 9.700 ng/ul
RT: 17.636 min Scan# 2409
Delta R.T. -0.011 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

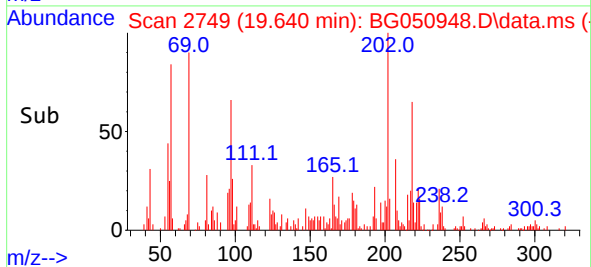
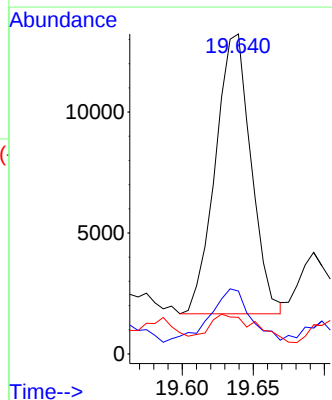
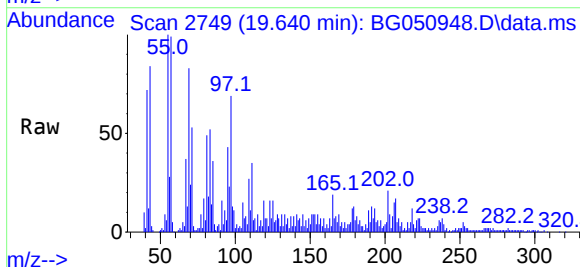
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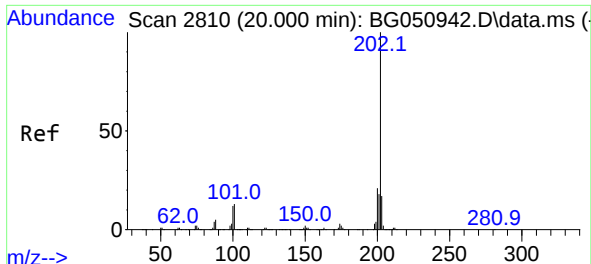
Tgt Ion:178 Resp: 106177
Ion Ratio Lower Upper
178 100
179 17.0 12.3 18.5
176 20.5 15.5 23.3



#80
Fluoranthene
Concen: 1.488 ng/ul
RT: 19.640 min Scan# 2749
Delta R.T. -0.005 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

Tgt Ion:202 Resp: 20195
Ion Ratio Lower Upper
202 100
101 19.7 9.3 13.9#
100 11.4 7.0 10.6#

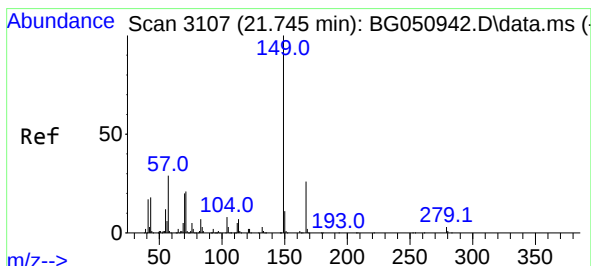
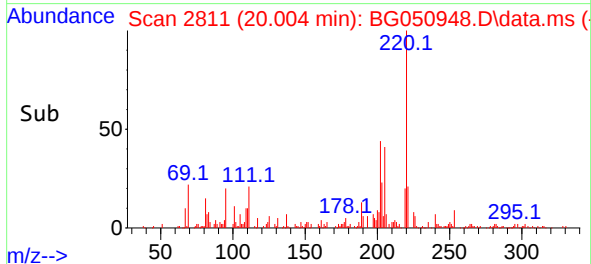
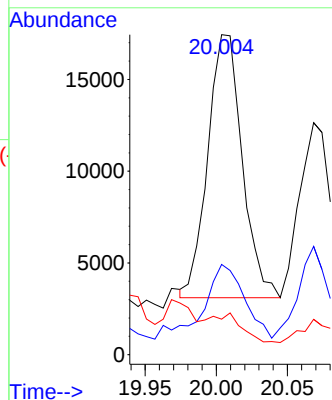
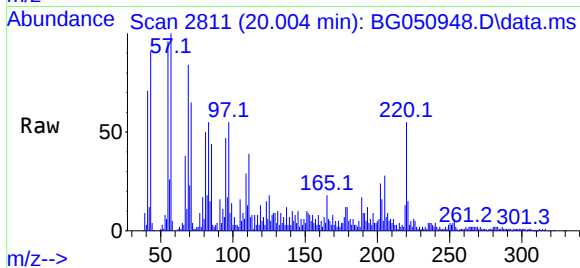




#82
Pyrene
Concen: 1.823 ng/ul
RT: 20.004 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG050948.D
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ClientSampleId :
COHF3

Tgt Ion:202 Resp: 24172
Ion Ratio Lower Upper
202 100
101 28.2 10.7 16.1#
100 11.1 9.0 13.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.018 ng/ul
RT: 21.749 min Scan# 3108
Delta R.T. -0.005 min
Lab File: BG050948.D
Acq: 10 Nov 2021 18:19

Tgt Ion:149 Resp: 16516
Ion Ratio Lower Upper
149 100
167 50.6 21.1 31.7#
279 9.3 2.7 4.1#

