

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051224.D
 Acq On : 24 Nov 2021 23:40
 Operator : CG/JU
 Sample : M4725-04
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L07

Quant Time: Nov 25 04:21:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

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

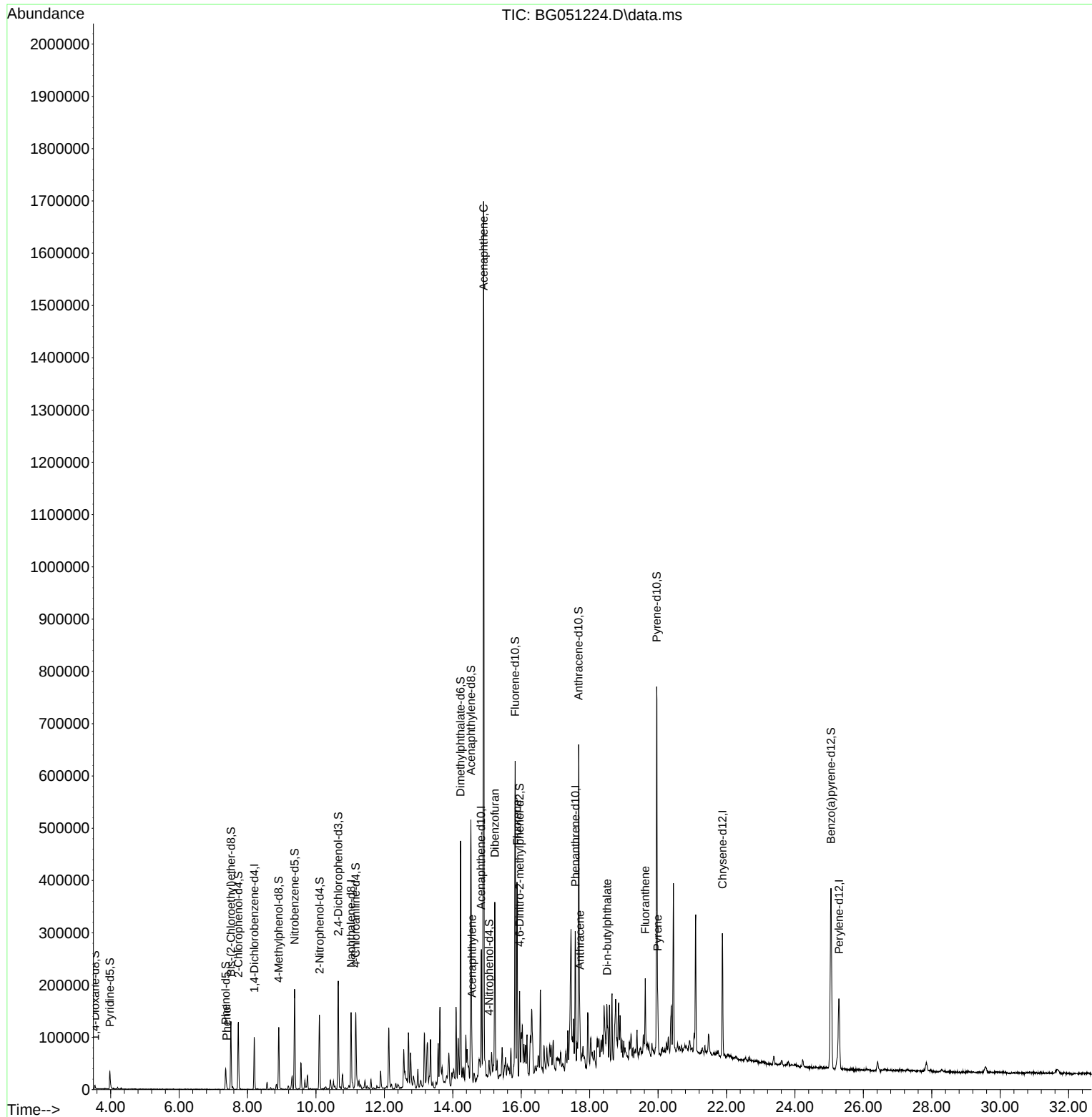
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	27622	20.000	ng/ul	0.00
20) Naphthalene-d8	11.029	136	125820	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.830	164	80724	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	161665	20.000	ng/ul	0.00
79) Chrysene-d12	21.881	240	143736	20.000	ng/ul	0.00
88) Perylene-d12	25.288	264	144077	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.543	96	3874	4.874	ng/uL	0.00
4) Pyridine-d5	3.978	84	21354	9.155	ng/ul	0.00
7) Phenol-d5	7.362	99	24336	8.914	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.515	67	66066	38.532	ng/ul	0.00
11) 2-Chlorophenol-d4	7.732	132	60262	30.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.913	113	46857	21.270	ng/ul	0.00
21) Nitrobenzene-d5	9.378	128	42101	39.639	ng/ul	0.00
24) 2-Nitrophenol-d4	10.106	143	46909	39.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.653	165	75947	37.361	ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	90956	30.580	ng/ul	0.00
46) Dimethylphthalate-d6	14.225	166	275791	44.402	ng/ul	0.00
49) Acenaphthylene-d8	14.530	160	334514	42.710	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	9000	8.952	ng/ul	0.01
60) Fluorene-d10	15.823	176	243993	43.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	32682	32.761	ng/ul	0.00
73) Anthracene-d10	17.680	188	365235	47.238	ng/ul	0.00
81) Pyrene-d10	19.959	212	403963	46.448	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.053	264	363750	47.273	ng/ul	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.392	94	4158	1.470	ng/ul	95
50) Acenaphthylene	14.560	152	8391	1.084	ng/ul#	72
52) Acenaphthene	14.901	153	697497	136.676	ng/ul	94
56) Dibenzofuran	15.230	168	208501	28.325	ng/ul	99
61) Fluorene	15.882	166	156460	26.536	ng/ul	97
74) Anthracene	17.715	178	21405	2.415	ng/ul#	93
78) Di-n-butylphthalate	18.514	149	14930	1.488	ng/ul#	92
80) Fluoranthene	19.624	202	91800	8.594	ng/ul	97
82) Pyrene	19.989	202	62308	5.963	ng/ul#	95

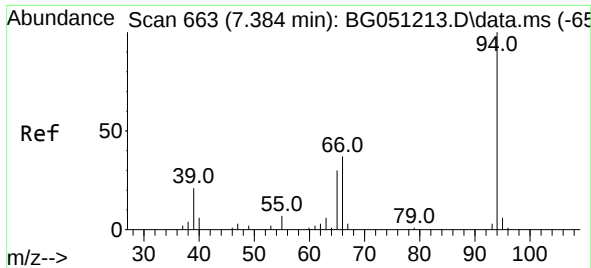
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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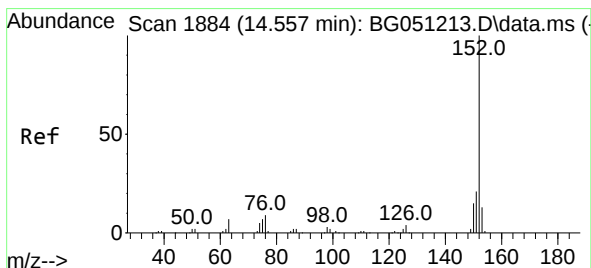
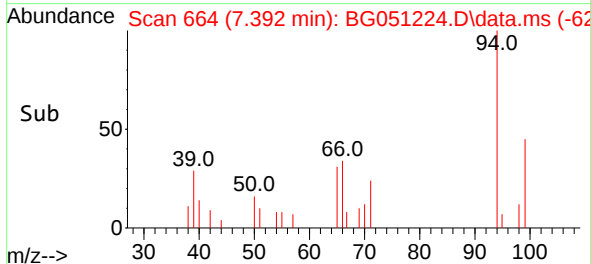
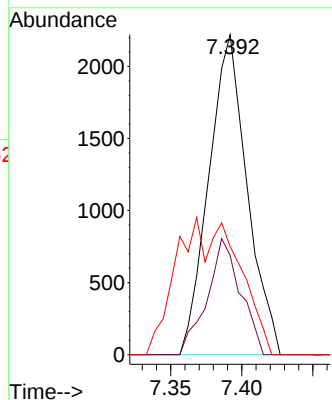
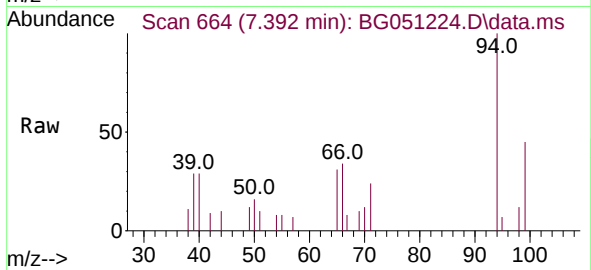




#8
Phenol
Concen: 1.470 ng/ul
RT: 7.392 min Scan# 664
Delta R.T. 0.005 min
Lab File: BG051224.D
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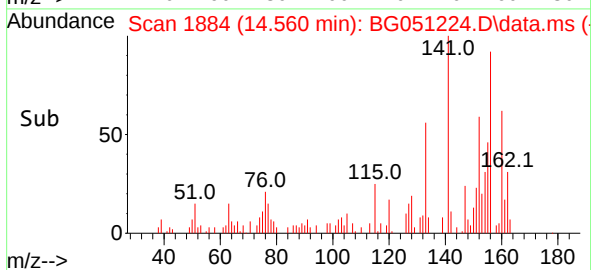
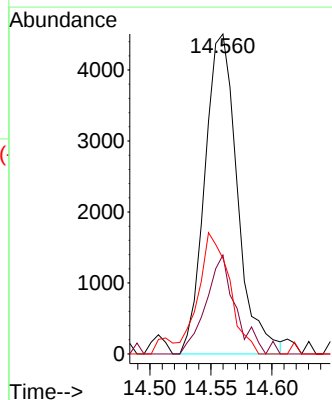
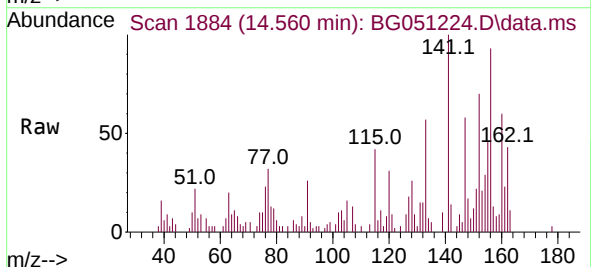
Instrument :
BNA_G
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F4L07

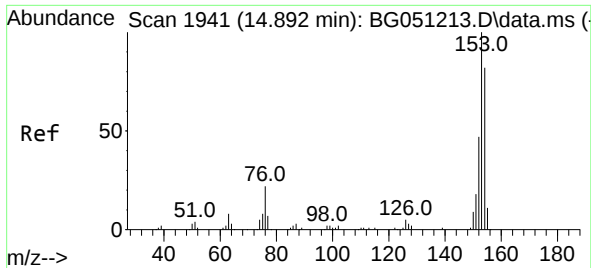
Tgt Ion: 94	Resp:	4158
Ion Ratio	Lower	Upper
94	100	
65	31.0	25.1 37.7
66	33.8	31.6 47.4



#50
Acenaphthylene
Concen: 1.084 ng/ul
RT: 14.560 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BG051224.D
Acq: 24 Nov 2021 23:40

Tgt Ion: 152	Resp:	8391
Ion Ratio	Lower	Upper
152	100	
151	30.9	17.4 26.0#
153	29.9	10.3 15.5#

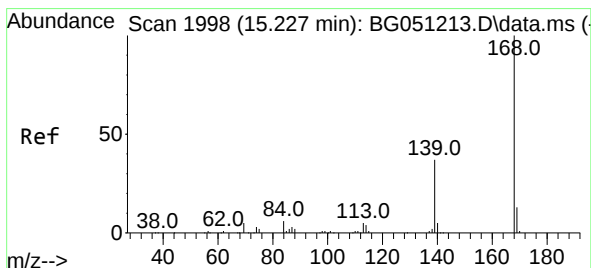
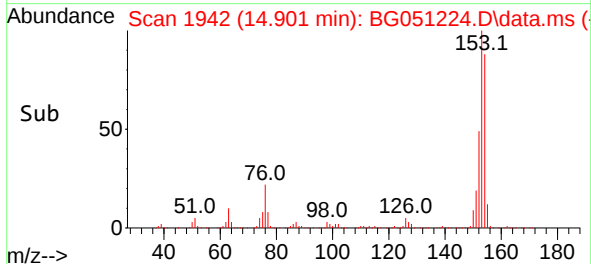
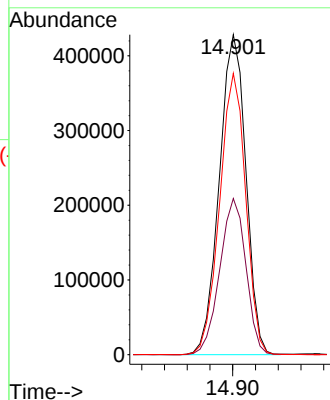
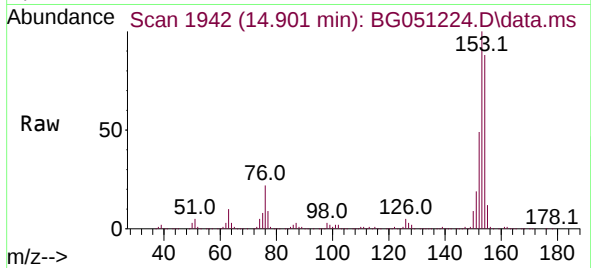




#52
Acenaphthene
Concen: 136.676 ng/ul
RT: 14.901 min Scan# 1942
Delta R.T. 0.005 min
Lab File: BG051224.D
Acq: 24 Nov 2021 23:40

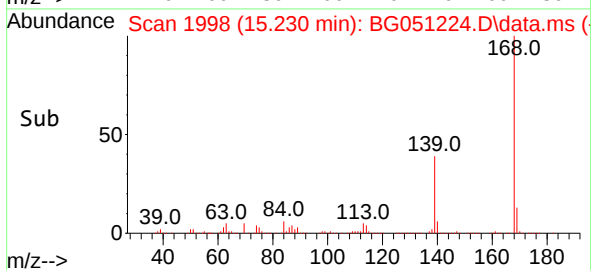
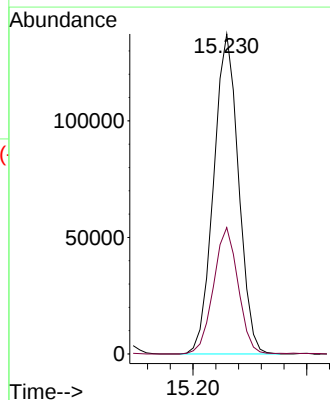
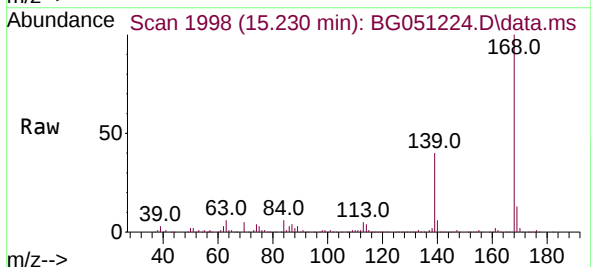
Instrument :
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ClientSampleId :
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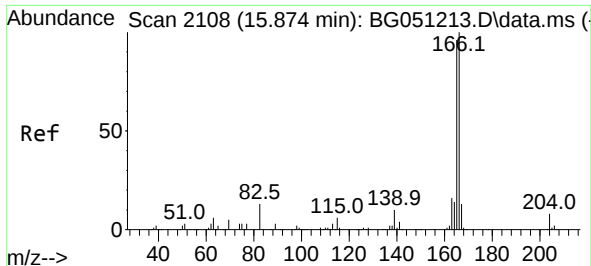
Tgt Ion:153 Resp: 697497
Ion Ratio Lower Upper
153 100
152 48.8 36.5 54.7
154 87.9 65.8 98.6



#56
Dibenzofuran
Concen: 28.325 ng/ul
RT: 15.230 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BG051224.D
Acq: 24 Nov 2021 23:40

Tgt Ion:168 Resp: 208501
Ion Ratio Lower Upper
168 100
139 39.5 31.2 46.8

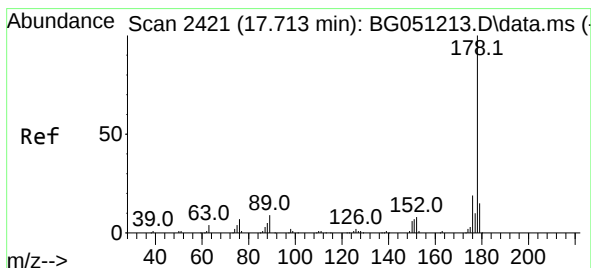
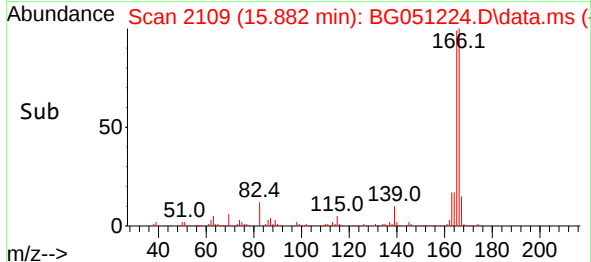
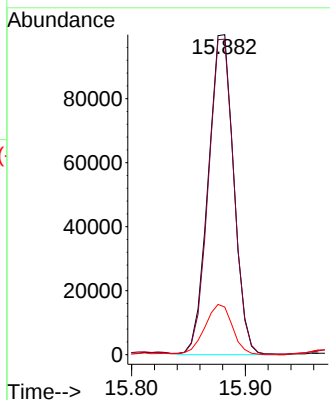
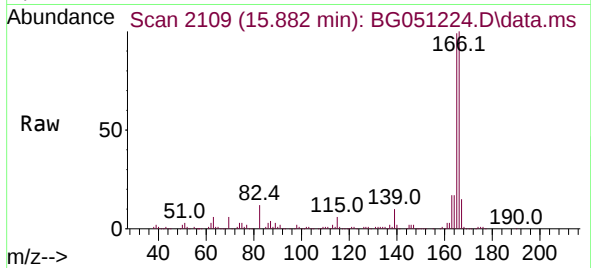




#61
 Fluorene
 Concen: 26.536 ng/ul
 RT: 15.882 min Scan# 2109
 Delta R.T. 0.005 min
 Lab File: BG051224.D
 Acq: 24 Nov 2021 23:40

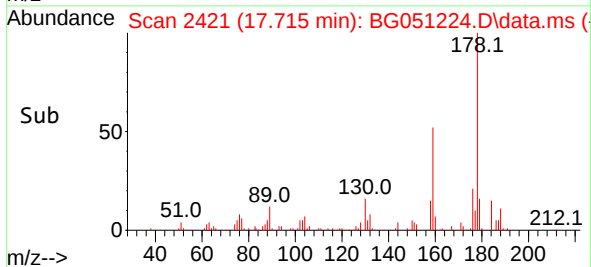
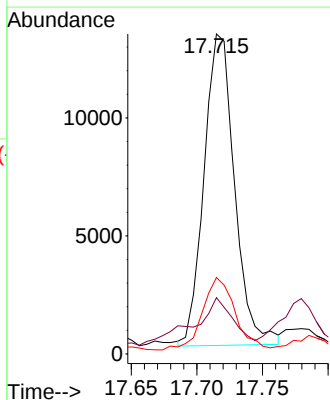
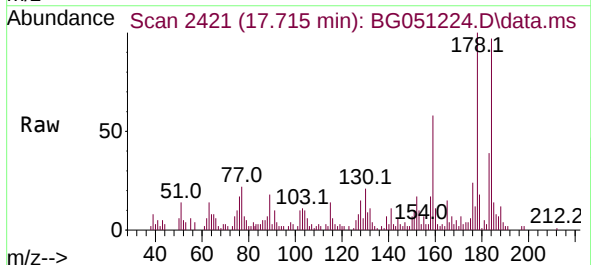
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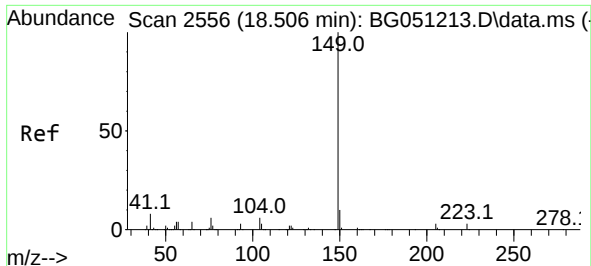
Tgt Ion:166 Resp: 156460
 Ion Ratio Lower Upper
 166 100
 165 98.6 81.0 121.6
 167 14.9 11.0 16.4



#74
 Anthracene
 Concen: 2.415 ng/ul
 RT: 17.715 min Scan# 2421
 Delta R.T. -0.000 min
 Lab File: BG051224.D
 Acq: 24 Nov 2021 23:40

Tgt Ion:178 Resp: 21405
 Ion Ratio Lower Upper
 178 100
 179 17.6 13.0 19.6
 176 23.9 15.6 23.4#

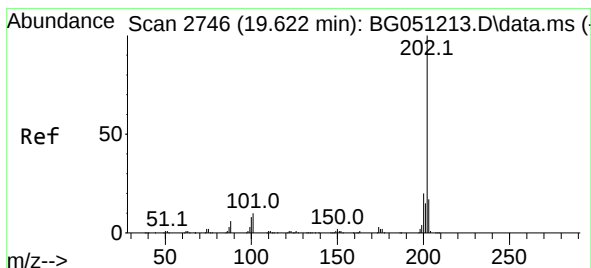
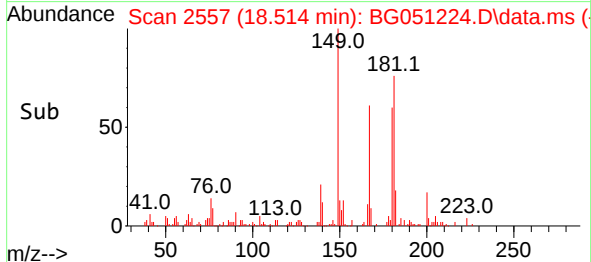
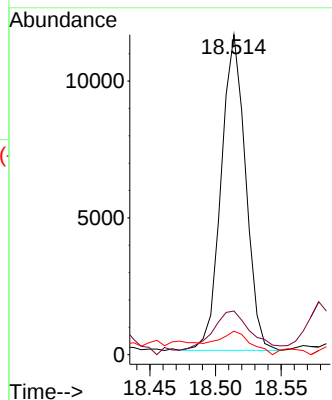
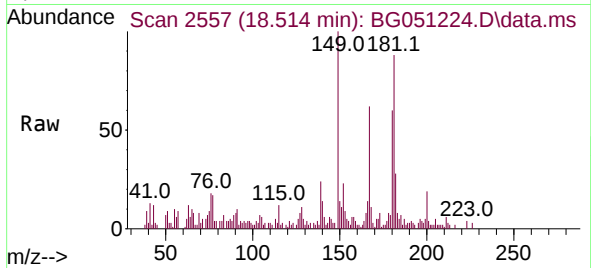




#78
Di-n-butylphthalate
Concen: 1.488 ng/ul
RT: 18.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG051224.D
Acq: 24 Nov 2021 23:40

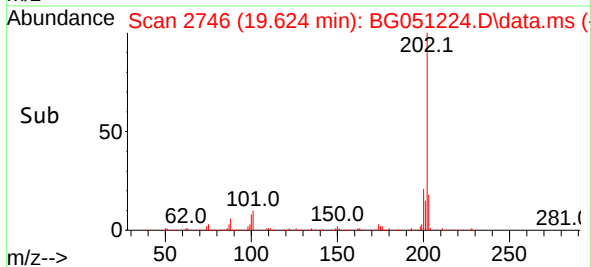
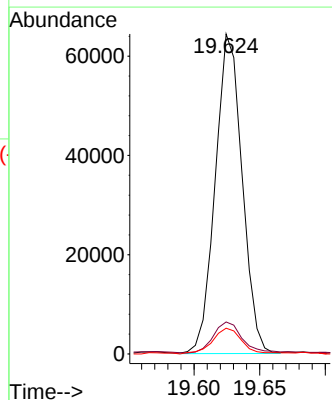
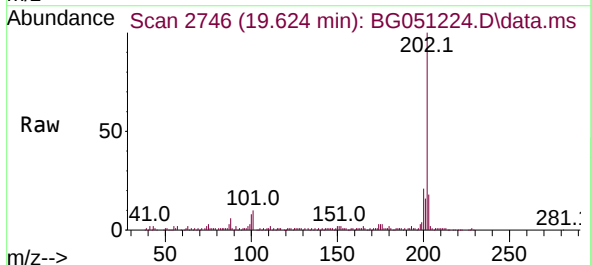
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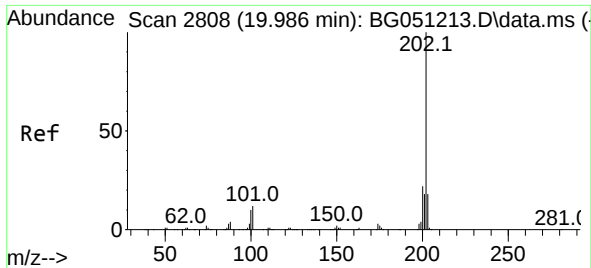
Tgt Ion:149 Resp: 14930
Ion Ratio Lower Upper
149 100
150 13.7 7.5 11.3#
104 7.3 5.0 7.6



#80
Fluoranthene
Concen: 8.594 ng/ul
RT: 19.624 min Scan# 2746
Delta R.T. -0.000 min
Lab File: BG051224.D
Acq: 24 Nov 2021 23:40

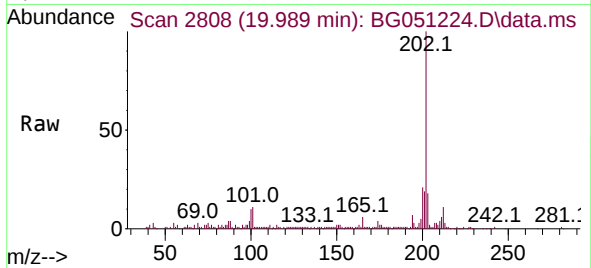
Tgt Ion:202 Resp: 91800
Ion Ratio Lower Upper
202 100
101 10.0 9.3 13.9
100 8.0 7.0 10.6





#82
 Pyrene
 Concen: 5.963 ng/ul
 RT: 19.989 min Scan# 21
 Delta R.T. -0.000 min
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Tgt Ion:202 Resp: 62308
 Ion Ratio Lower Upper
 202 100
 101 10.6 10.7 16.1#
 100 10.1 9.0 13.6

