

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
 Data File : BG051254.D
 Acq On : 26 Nov 2021 12:35
 Operator : CG/JU
 Sample : M4779-06DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F4L16DL

Quant Time: Nov 26 13:10:16 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

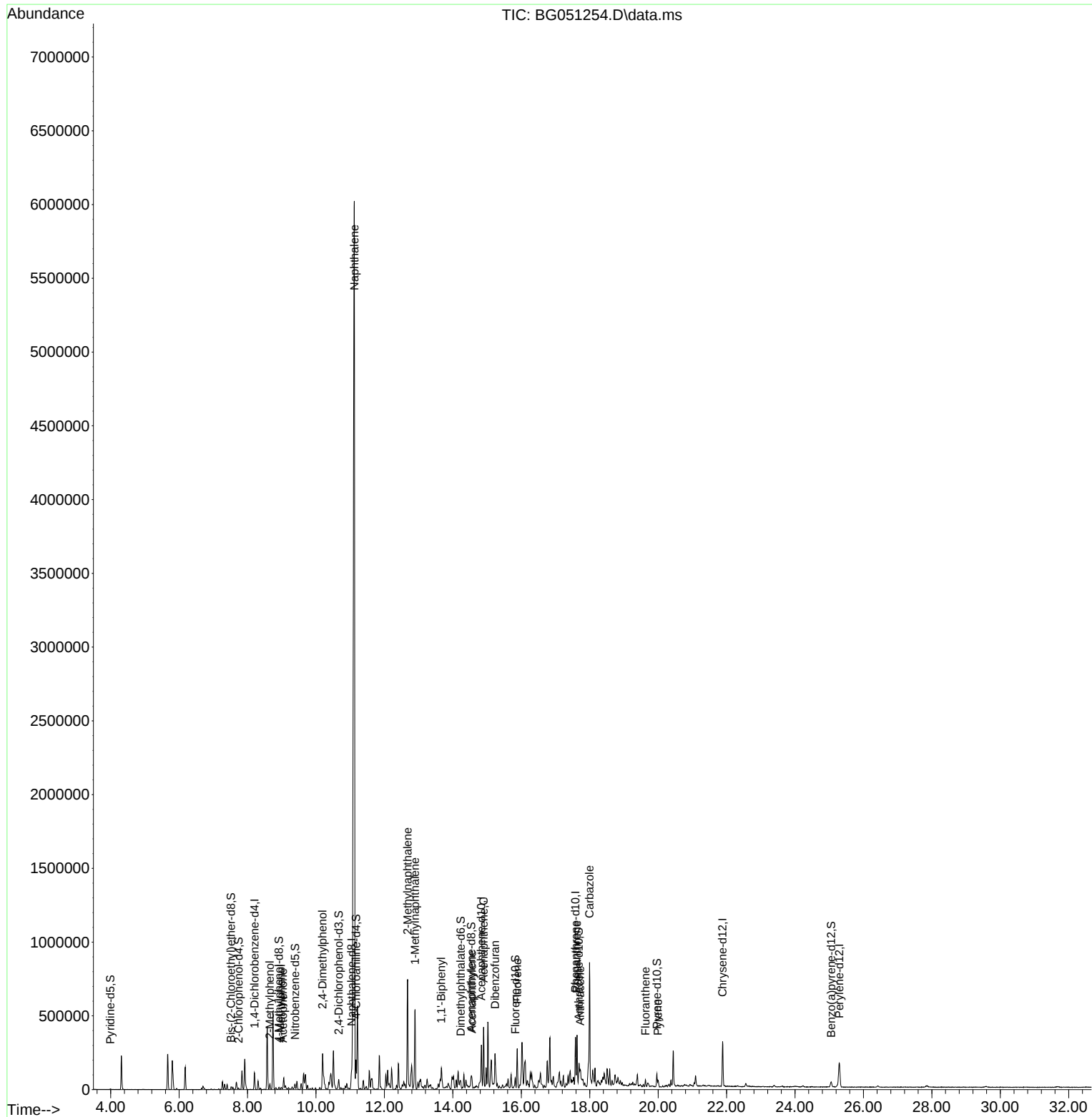
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	32601	20.000	ng/u1	0.00
20) Naphthalene-d8	11.038	136	147927	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	96780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	194849	20.000	ng/u1	0.00
79) Chrysene-d12	21.884	240	181102	20.000	ng/u1	0.00
88) Perylene-d12	25.292	264	179542	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	125	0.133	ng/uL	0.00
4) Pyridine-d5	3.987	84	2759	1.002	ng/u1	0.00
7) Phenol-d5	7.366	99	2054	0.637	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	7418	3.666	ng/u1	0.00
11) 2-Chlorophenol-d4	7.736	132	5647	2.434	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	4183	1.609	ng/u1	0.00
21) Nitrobenzene-d5	9.387	128	4661	3.733	ng/u1	0.00
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.662	165	7093	2.968	ng/u1	0.00
31) 4-Chloroaniline-d4	11.173	131	12268	3.508	ng/u1	0.00
46) Dimethylphthalate-d6	14.228	166	26312	3.533	ng/u1	0.00
49) Acenaphthylene-d8	14.534	160	34927	3.720	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.826	176	23580	3.516	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	0.00
73) Anthracene-d10	17.683	188	37363	4.009	ng/u1	0.00
81) Pyrene-d10	19.963	212	40580	3.703	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.057	264	35493	3.702	ng/u1	0.01
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.653	108	13340	5.365	ng/u1	99
16) Acetophenone	9.034	105	4798	1.193	ng/u1	94
18) 4-Methylphenol	8.982	108	3494	1.314	ng/u1	89
26) 2,4-Dimethylphenol	10.192	107	125117	41.943	ng/u1	98
30) Naphthalene	11.120	128	5582648	693.582	ng/u1#	76
36) 2-Methylnaphthalene	12.677	142	349258	63.793	ng/u1	99
37) 1-Methylnaphthalene	12.895	142	242211	43.002	ng/u1	100
43) 1,1'-Biphenyl	13.664	154	62413	8.634	ng/u1	97
50) Acenaphthylene	14.557	152	20231	2.181	ng/u1#	90
52) Acenaphthene	14.898	153	160515	26.235	ng/u1	97
56) Dibenzofuran	15.233	168	146451	16.595	ng/u1	100
61) Fluorene	15.879	166	113888	16.111	ng/u1	100
72) Phenanthrene	17.624	178	176653	16.420	ng/u1	99
74) Anthracene	17.718	178	19485	1.824	ng/u1	95
77) Carbazole	17.995	167	521801	55.637	ng/u1	98
80) Fluoranthene	19.628	202	30460	2.263	ng/u1	99
82) Pyrene	19.992	202	21040	1.598	ng/u1#	94

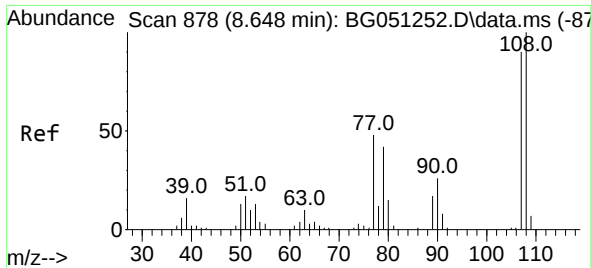
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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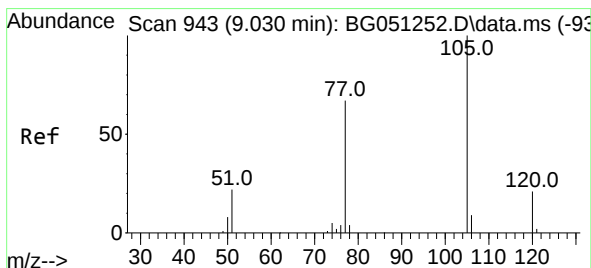
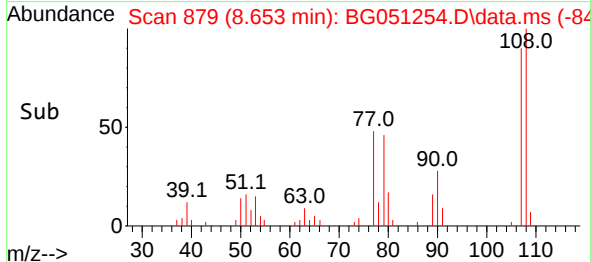
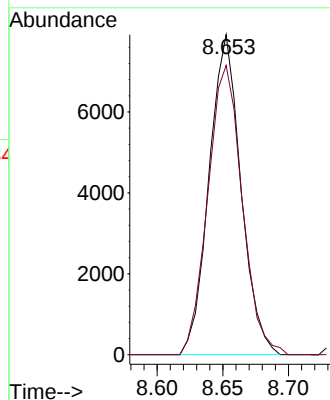
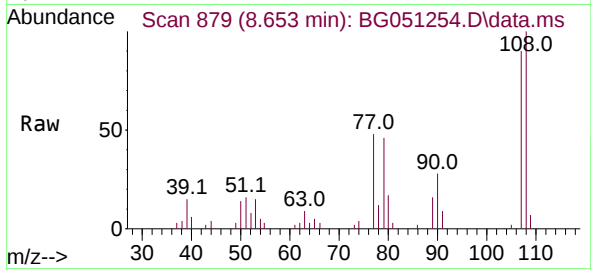




#13
2-Methylphenol
Concen: 5.365 ng/ul
RT: 8.653 min Scan# 81
Delta R.T. 0.009 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

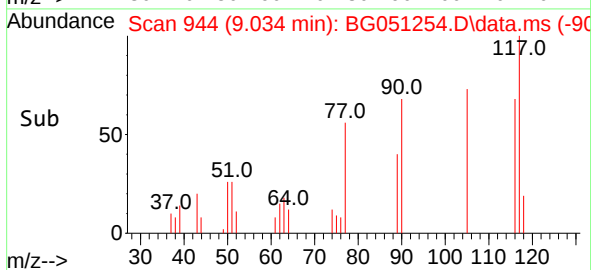
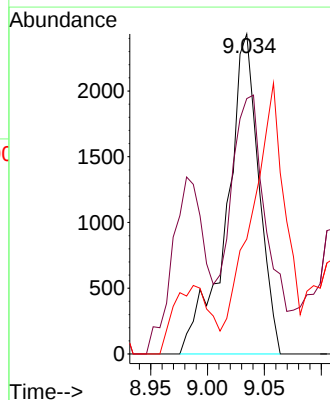
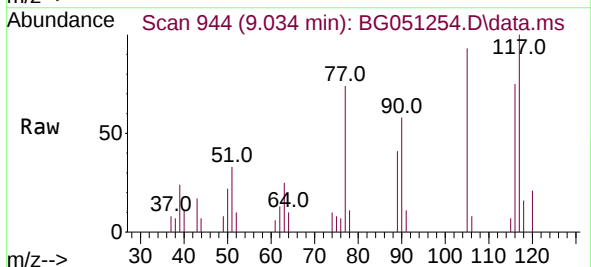
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BNA_G
ClientSampleId :
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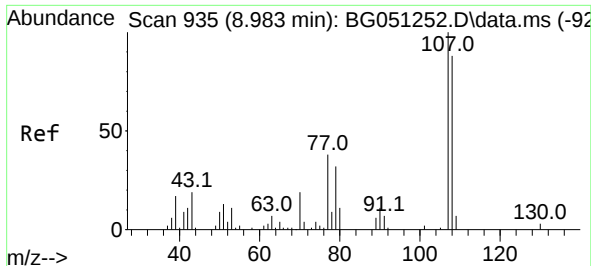
Tgt Ion:108 Resp: 13340
Ion Ratio Lower Upper
108 100
107 90.4 71.8 107.6



#16
Acetophenone
Concen: 1.193 ng/ul
RT: 9.034 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:105 Resp: 4798
Ion Ratio Lower Upper
105 100
77 79.8 67.3 100.9
51 35.9 24.0 36.0

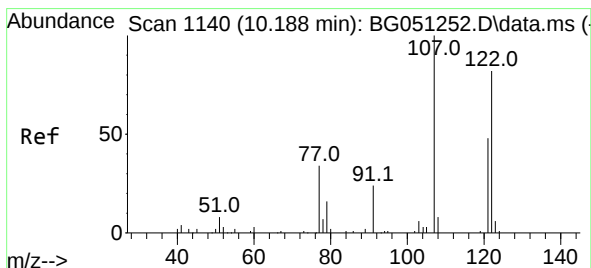
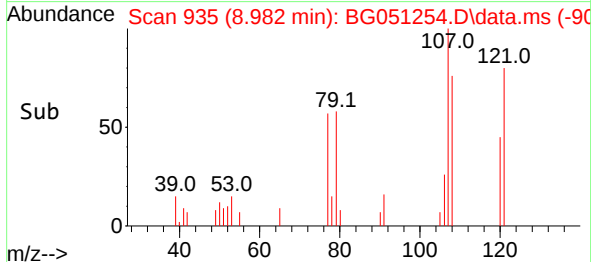
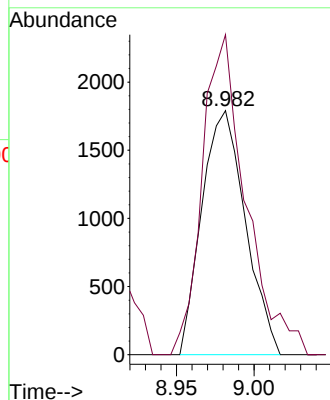
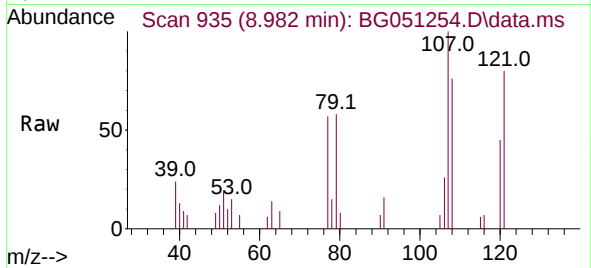




#18
4-Methylphenol
Concen: 1.314 ng/ul
RT: 8.982 min Scan# 911
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

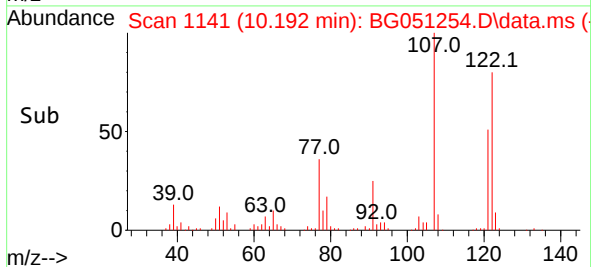
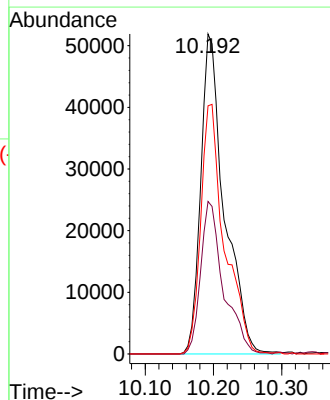
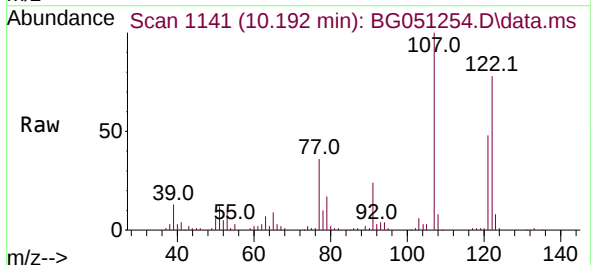
Instrument :
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ClientSampleId :
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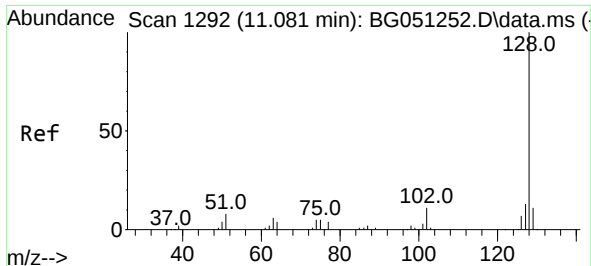
Tgt Ion:108 Resp: 3494
Ion Ratio Lower Upper
108 100
107 131.1 95.0 142.4



#26
2,4-Dimethylphenol
Concen: 41.943 ng/ul
RT: 10.192 min Scan# 1141
Delta R.T. 0.009 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:107 Resp: 125117
Ion Ratio Lower Upper
107 100
121 47.7 39.3 58.9
122 77.6 63.7 95.5

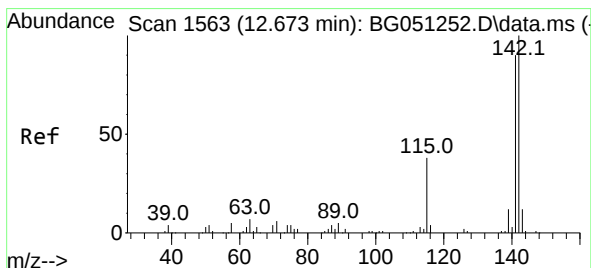
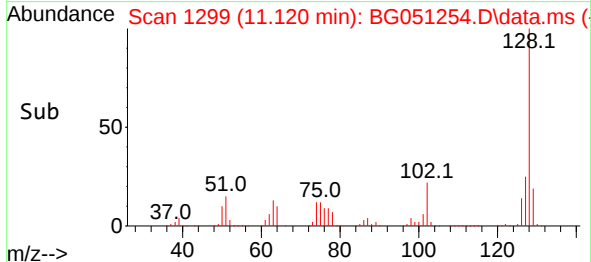
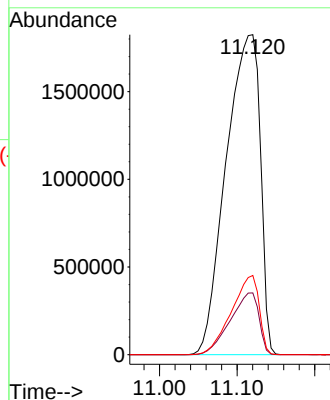
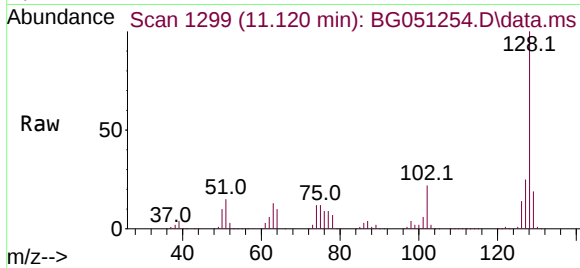




#30
Naphthalene
Concen: 693.582 ng/ul
RT: 11.120 min Scan# 111
Delta R.T. 0.044 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

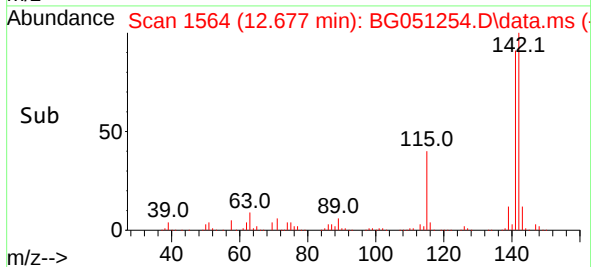
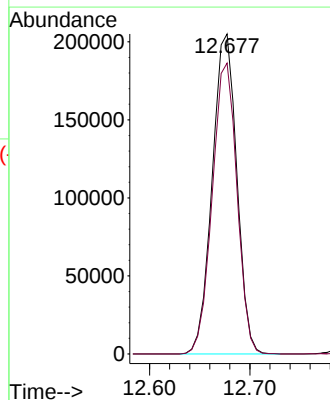
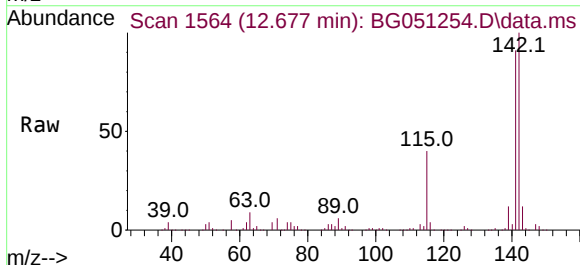
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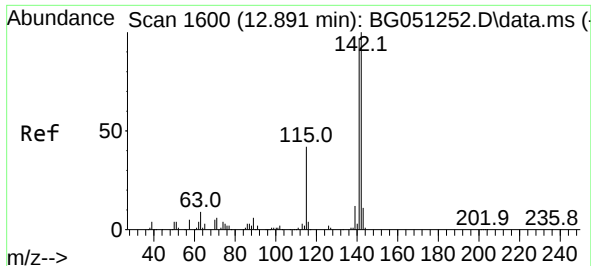
Tgt Ion:128 Resp: 5582648
Ion Ratio Lower Upper
128 100
129 19.3 8.5 12.7#
127 24.8 11.8 17.6#



#36
2-Methylnaphthalene
Concen: 63.793 ng/ul
RT: 12.677 min Scan# 1564
Delta R.T. 0.009 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:142 Resp: 349258
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9

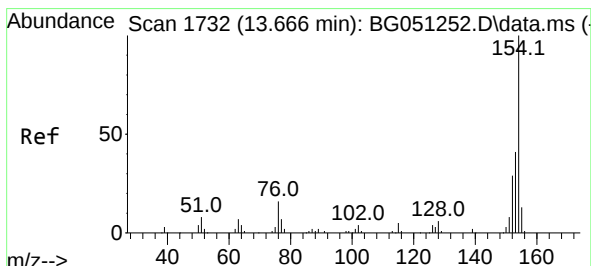
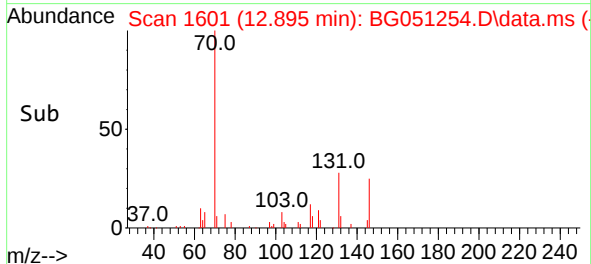
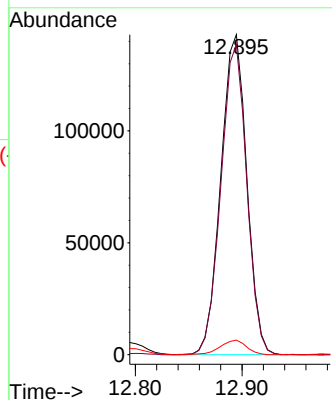
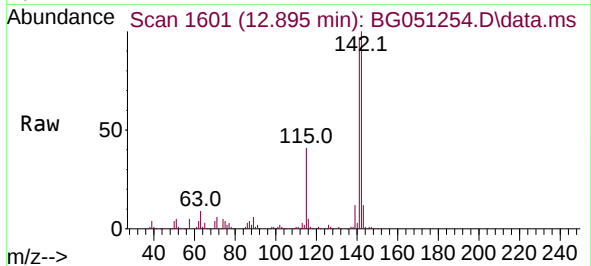




#37
1-Methylnaphthalene
Concen: 43.002 ng/ul
RT: 12.895 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

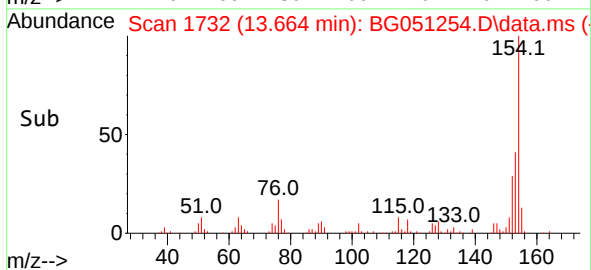
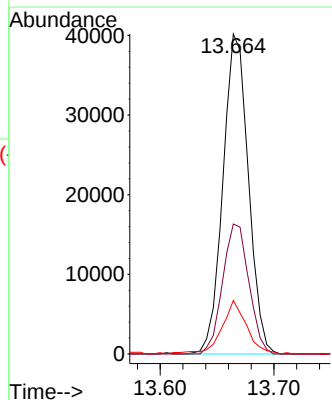
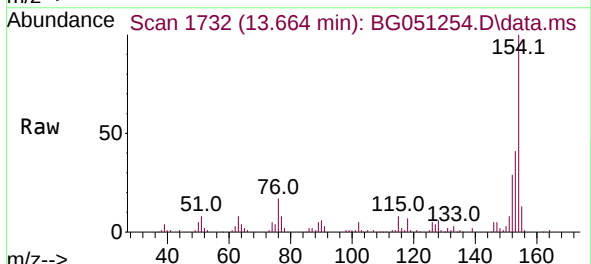
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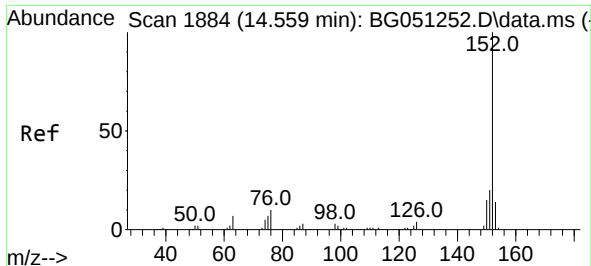
Tgt Ion:142 Resp: 242211
Ion Ratio Lower Upper
142 100
141 97.0 77.8 116.8
116 4.6 3.3 4.9



#43
1,1'-Biphenyl
Concen: 8.634 ng/ul
RT: 13.664 min Scan# 1732
Delta R.T. -0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:154 Resp: 62413
Ion Ratio Lower Upper
154 100
153 40.6 34.5 51.7
76 16.7 13.1 19.7

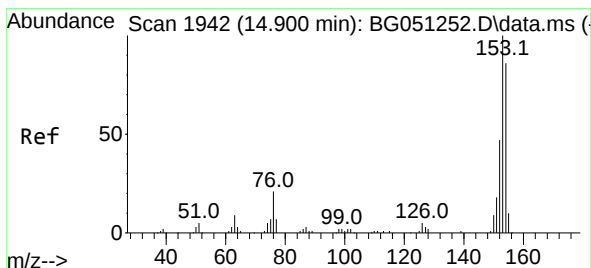
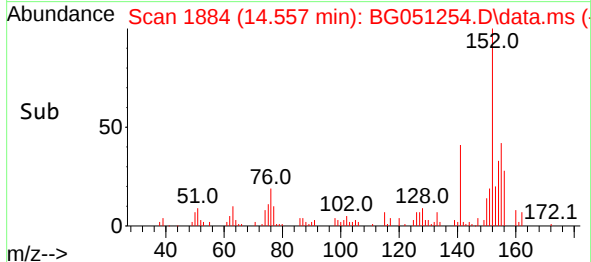
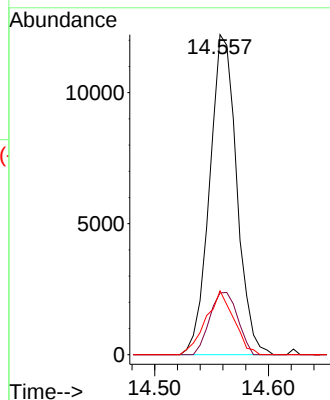
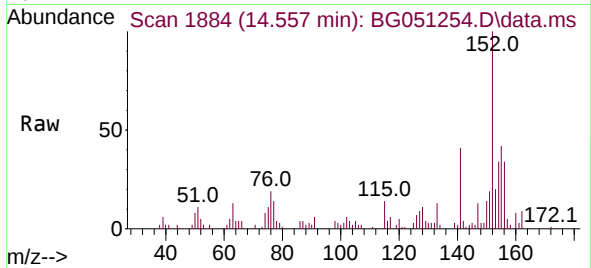




#50
Acenaphthylene
Concen: 2.181 ng/ul
RT: 14.557 min Scan# 1884
Delta R.T. -0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

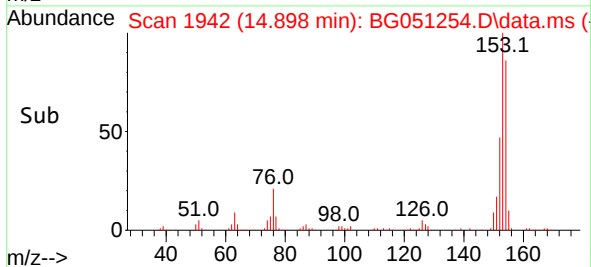
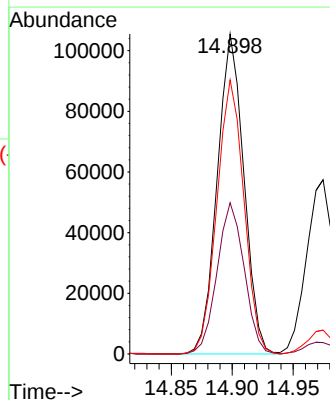
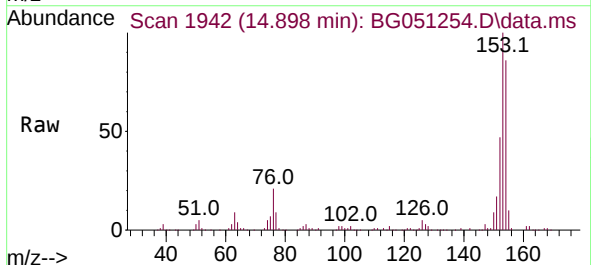
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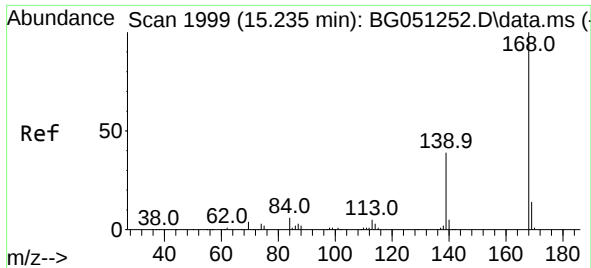
Tgt Ion:152 Resp: 20231
Ion Ratio Lower Upper
152 100
151 19.3 17.4 26.0
153 20.0 10.3 15.5#



#52
Acenaphthene
Concen: 26.235 ng/ul
RT: 14.898 min Scan# 1942
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:153 Resp: 160515
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 85.7 65.8 98.6

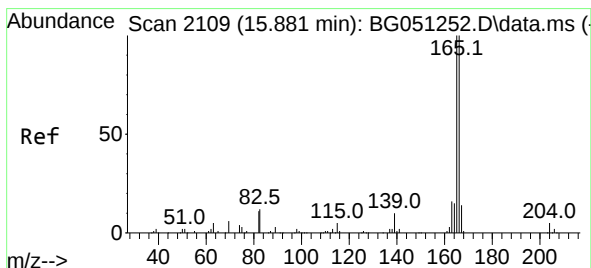
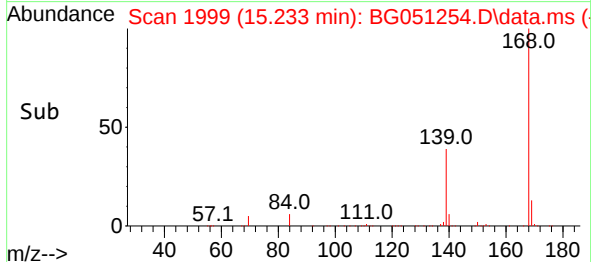
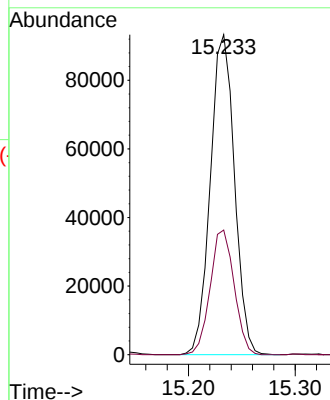
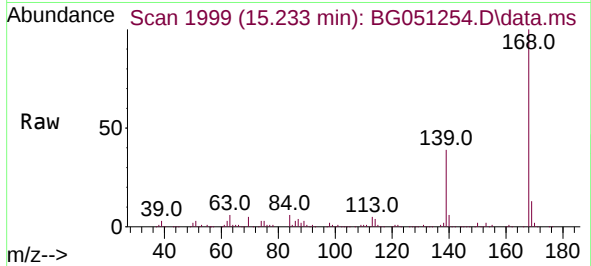




#56
Dibenzenofuran
Concen: 16.595 ng/ul
RT: 15.233 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

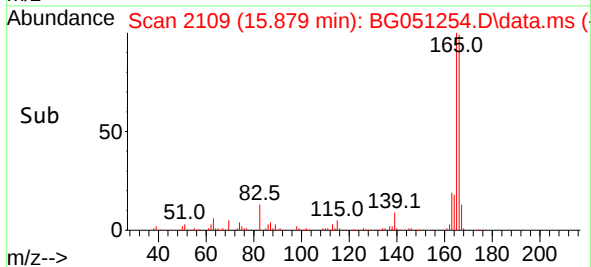
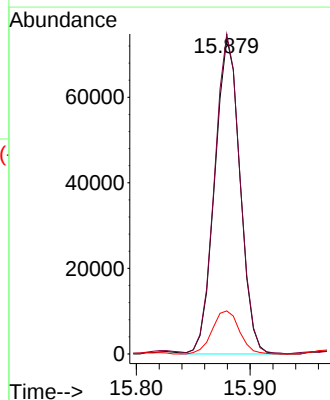
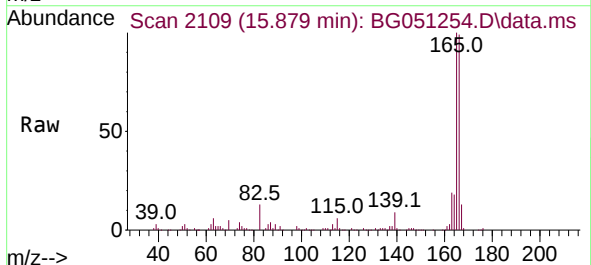
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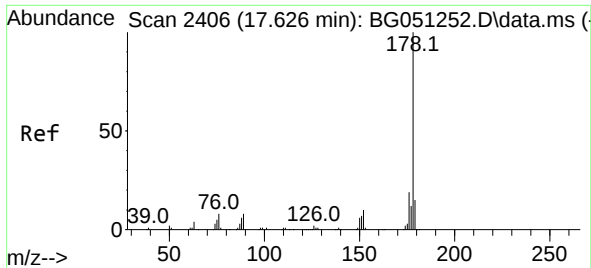
Tgt Ion:168 Resp: 146451
Ion Ratio Lower Upper
168 100
139 39.0 31.2 46.8



#61
Fluorene
Concen: 16.111 ng/ul
RT: 15.879 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:166 Resp: 113888
Ion Ratio Lower Upper
166 100
165 101.3 81.0 121.6
167 13.6 11.0 16.4

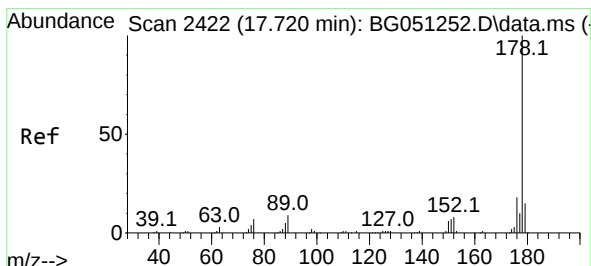
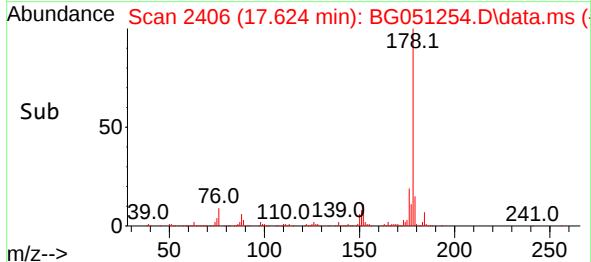
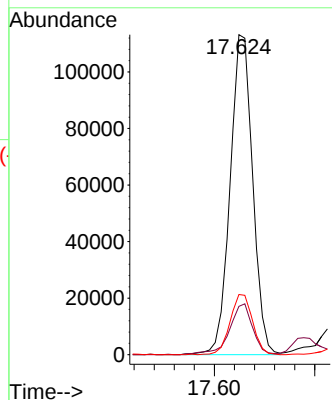
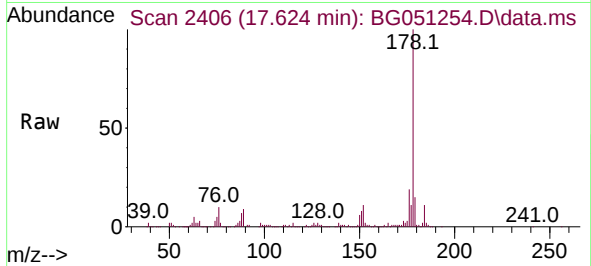




#72
Phenanthrene
Concen: 16.420 ng/uI
RT: 17.624 min Scan# 2406
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

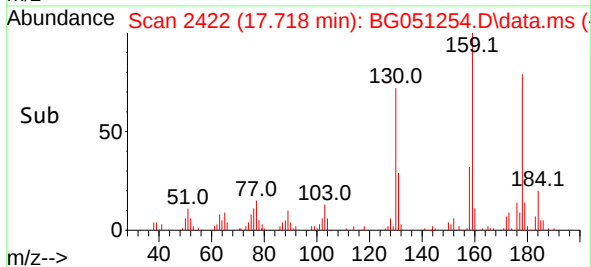
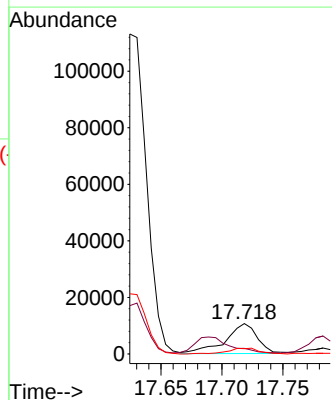
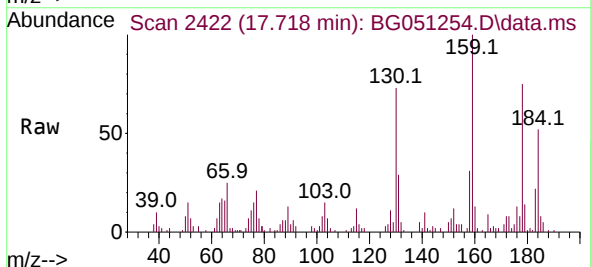
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BNA_G
ClientSampleId :
F4L16DL

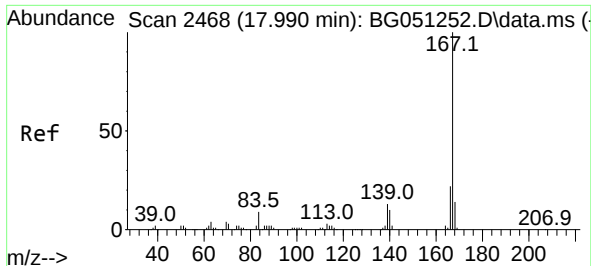
Tgt Ion:178 Resp: 176653
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.8 15.5 23.3



#74
Anthracene
Concen: 1.824 ng/uI
RT: 17.718 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:178 Resp: 19485
Ion Ratio Lower Upper
178 100
179 18.3 13.0 19.6
176 17.2 15.6 23.4

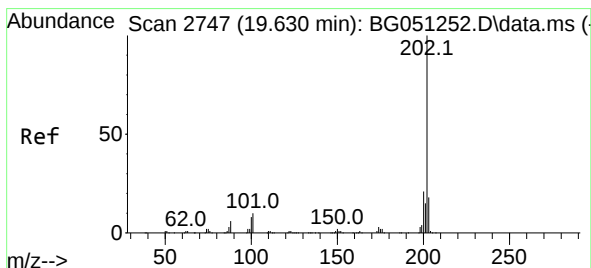
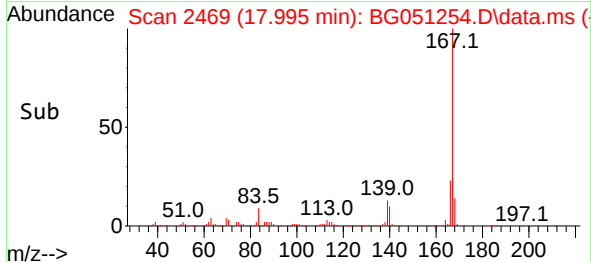
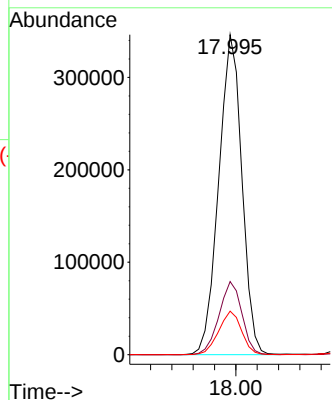
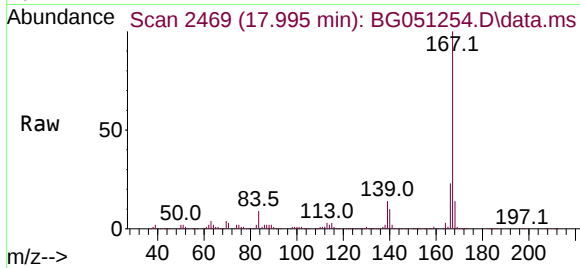




#77
Carbazole
Concen: 55.637 ng/ul
RT: 17.995 min Scan# 2469
Delta R.T. 0.009 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

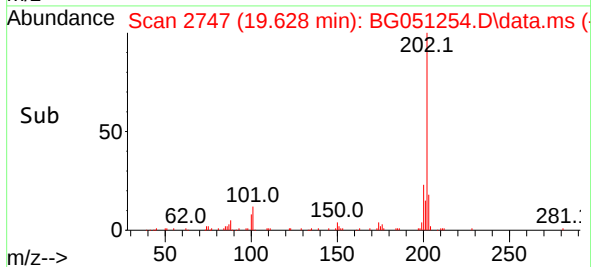
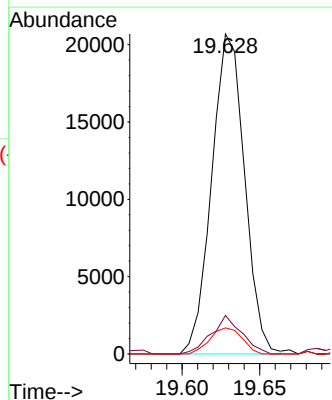
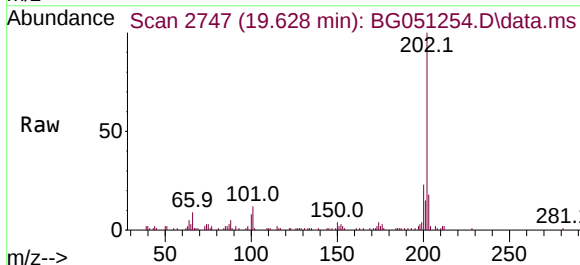
Instrument :
BNA_G
ClientSampleId :
F4L16DL

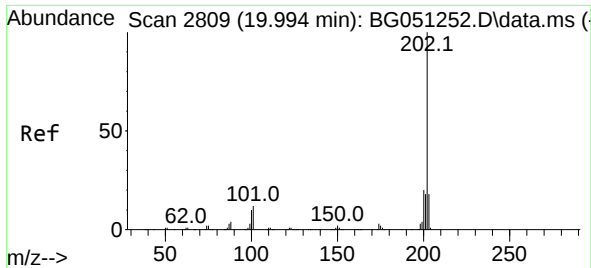
Tgt Ion:167 Resp: 521801
Ion Ratio Lower Upper
167 100
166 22.9 17.3 25.9
139 13.6 10.6 16.0



#80
Fluoranthene
Concen: 2.263 ng/ul
RT: 19.628 min Scan# 2747
Delta R.T. 0.003 min
Lab File: BG051254.D
Acq: 26 Nov 2021 12:35

Tgt Ion:202 Resp: 30460
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 8.1 7.0 10.6





#82
 Pyrene
 Concen: 1.598 ng/ul
 RT: 19.992 min Scan# 21040
 Delta R.T. 0.003 min
 Lab File: BG051254.D
 Acq: 26 Nov 2021 12:35

Instrument :
 BNA_G
 ClientSampleId :
 F4L16DL

Tgt Ion:	202	Resp:	21040
Ion	Ratio	Lower	Upper
202	100		
101	10.1	10.7	16.1#
100	9.8	9.0	13.6

