

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050196.D
 Acq On : 8 Sep 2021 12:26
 Operator : CG/JU
 Sample : M3566-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKJ0

Quant Time: Sep 08 13:15:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

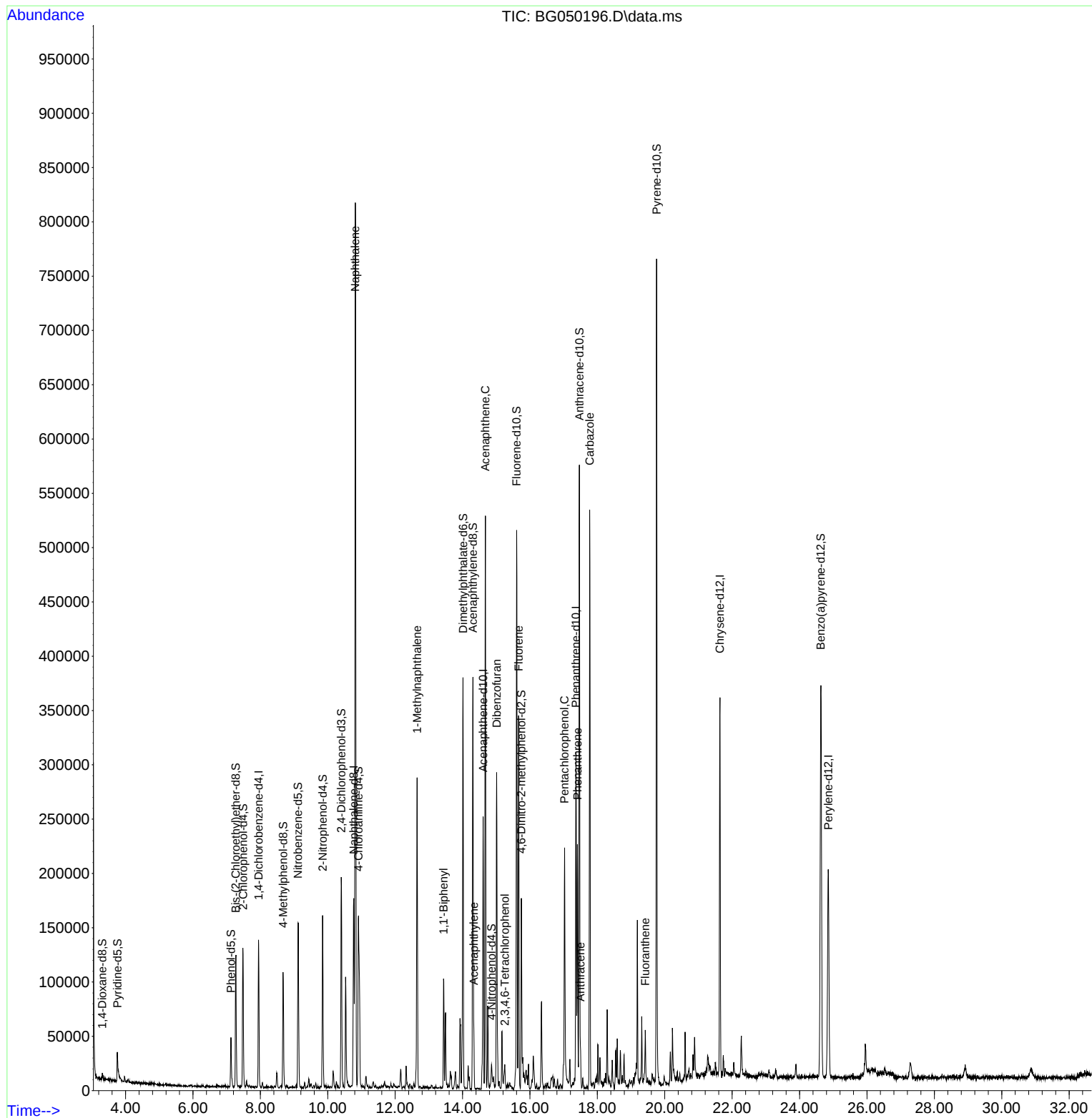
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	39564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	153121	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.611	164	87212	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.366	188	188862	20.000	ng/ul	0.00
79) Chrysene-d12	21.637	240	217022	20.000	ng/ul	0.00
88) Perylene-d12	24.856	264	203535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	2740	3.424	ng/uL	0.00
4) Pyridine-d5	3.755	84	21043	7.408	ng/ul	0.02
7) Phenol-d5	7.127	99	28537	9.290	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	64434	35.916	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.486	132	61744	24.219	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	43338	17.943	ng/ul	0.00
21) Nitrobenzene-d5	9.119	128	38583	36.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	46899	36.697	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	71884	29.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	87261	29.037	ng/ul	0.00
46) Dimethylphthalate-d6	14.012	166	242136	36.770	ng/ul	0.00
49) Acenaphthylene-d8	14.306	160	278568	35.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.858	143	7047	8.869	ng/ul	0.00
60) Fluorene-d10	15.604	176	200854	36.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	38618	33.898	ng/ul	0.00
73) Anthracene-d10	17.466	188	336629	39.705	ng/ul	0.00
81) Pyrene-d10	19.757	212	419794	38.834	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	405982	37.680	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.816	128	678215	96.441	ng/ul	97
37) 1-Methylnaphthalene	12.649	142	127740	25.581	ng/ul	97
43) 1,1'-Biphenyl	13.436	154	55106	8.752	ng/ul	99
50) Acenaphthylene	14.335	152	27477	3.749	ng/ul#	93
52) Acenaphthene	14.676	153	226984	43.470	ng/ul	98
56) Dibenzofuran	15.011	168	174564	24.299	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	5141	3.897	ng/ul#	94
61) Fluorene	15.663	166	148101	24.589	ng/ul	96
71) Pentachlorophenol	17.026	266	42030	60.469	ng/ul	96
72) Phenanthrene	17.407	178	135729	14.091	ng/ul	99
74) Anthracene	17.496	178	20364	2.085	ng/ul#	90
77) Carbazole	17.772	167	341570	39.667	ng/ul	99
80) Fluoranthene	19.422	202	26212	1.951	ng/ul#	88

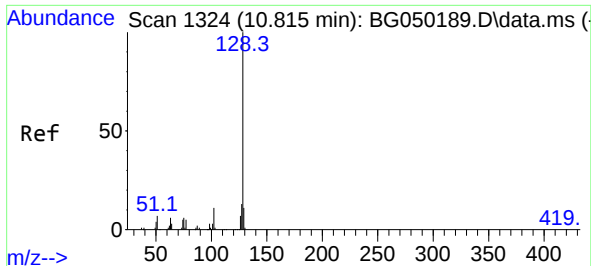
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG050196.D
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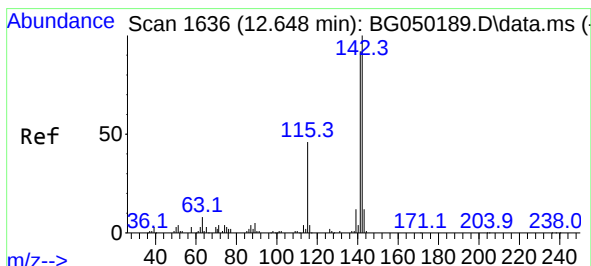
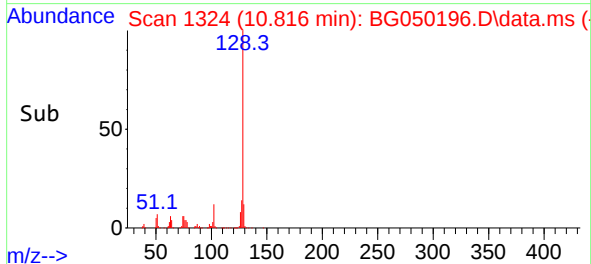
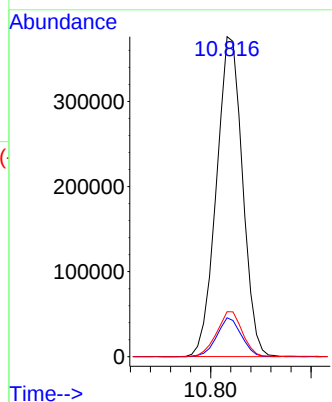
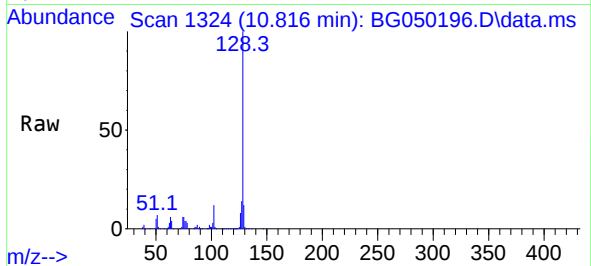




#30
Naphthalene
Concen: 96.441 ng/ul
RT: 10.816 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

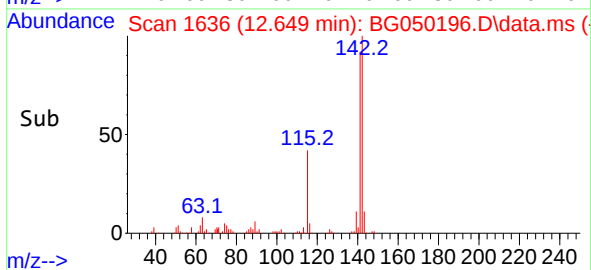
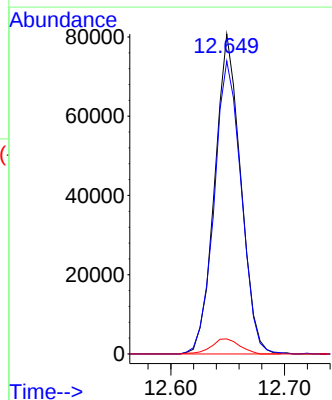
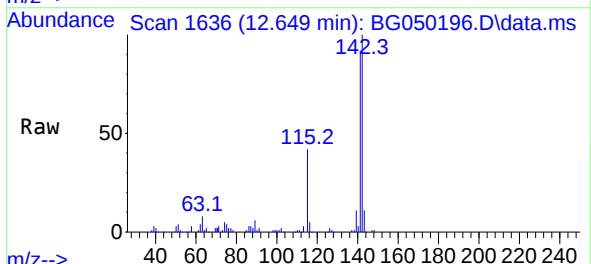
Instrument :
BNA_G
ClientSampled :
DBKJ0

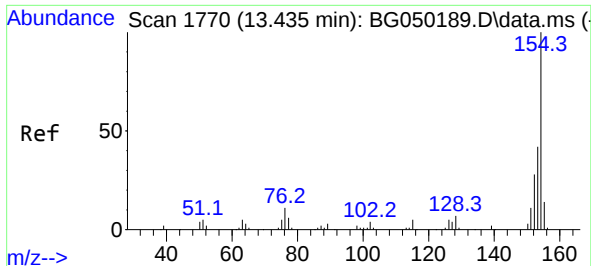
Tgt Ion:128 Resp: 678215
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 14.1 9.8 14.6



#37
1-Methylnaphthalene
Concen: 25.581 ng/ul
RT: 12.649 min Scan# 1636
Delta R.T. -0.007 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

Tgt Ion:142 Resp: 127740
Ion Ratio Lower Upper
142 100
141 91.5 75.8 113.8
116 4.7 3.7 5.5

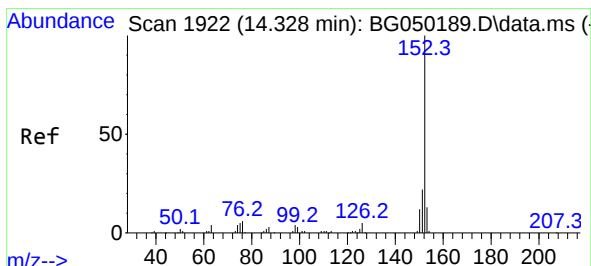
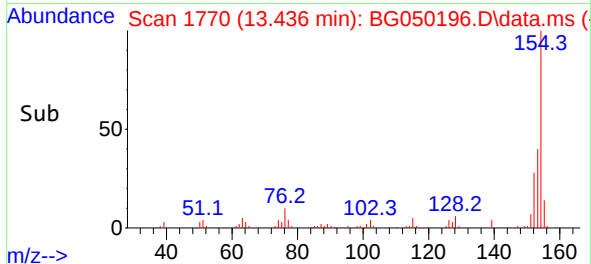
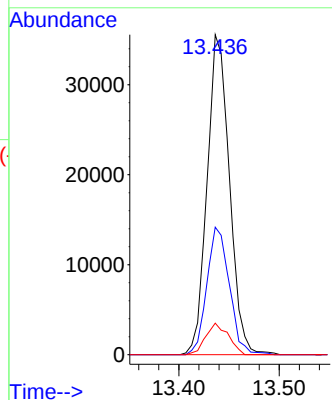
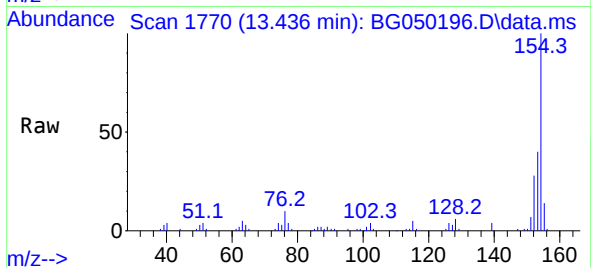




#43
1,1'-Biphenyl
Concen: 8.752 ng/ul
RT: 13.436 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

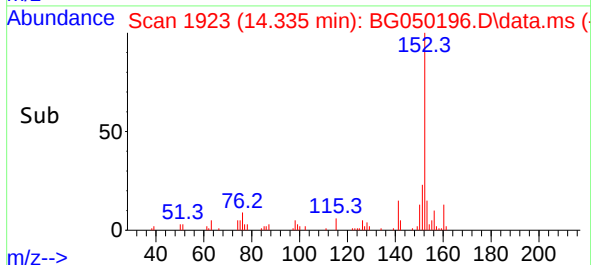
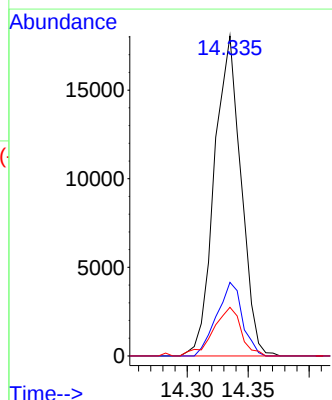
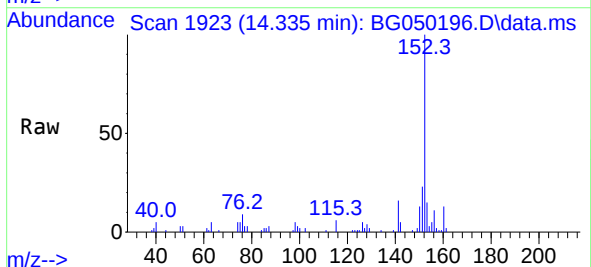
Instrument :
BNA_G
ClientSampleId :
DBKJ0

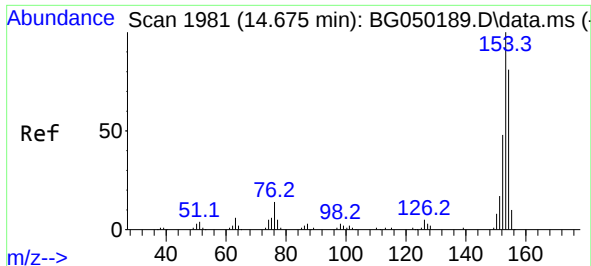
Tgt Ion:154 Resp: 55106
Ion Ratio Lower Upper
154 100
153 39.8 32.5 48.7
76 9.8 7.8 11.8



#50
Acenaphthylene
Concen: 3.749 ng/ul
RT: 14.335 min Scan# 1923
Delta R.T. -0.001 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

Tgt Ion:152 Resp: 27477
Ion Ratio Lower Upper
152 100
151 23.0 15.2 22.8#
153 15.2 10.7 16.1

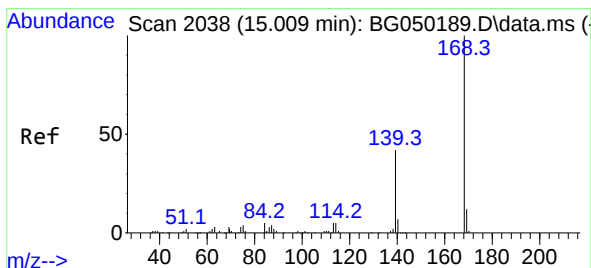
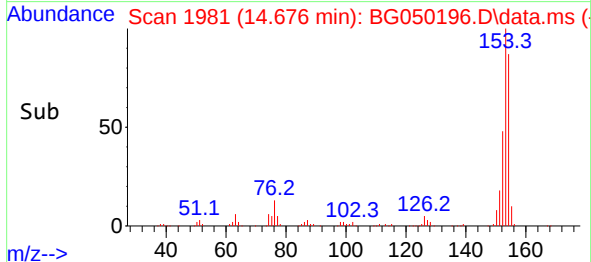
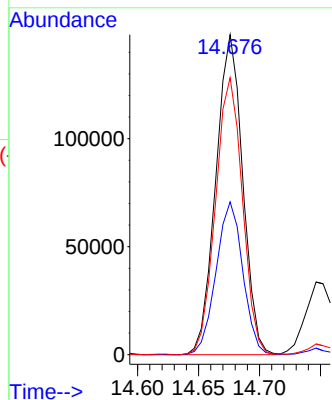
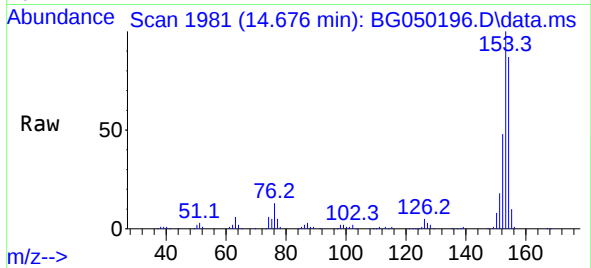




#52
Acenaphthene
Concen: 43.470 ng/ul
RT: 14.676 min Scan# 1981
Delta R.T. -0.001 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

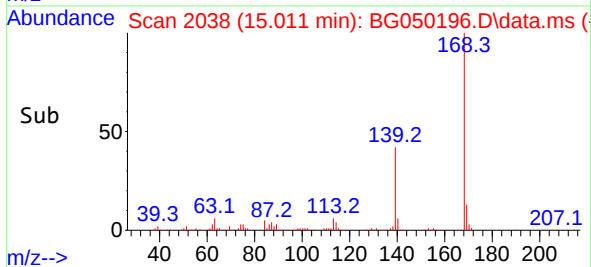
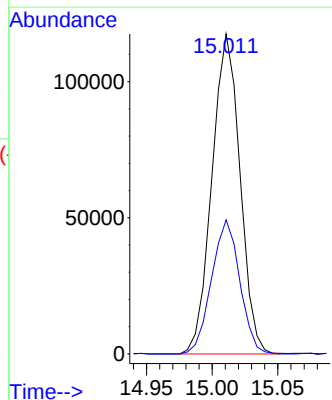
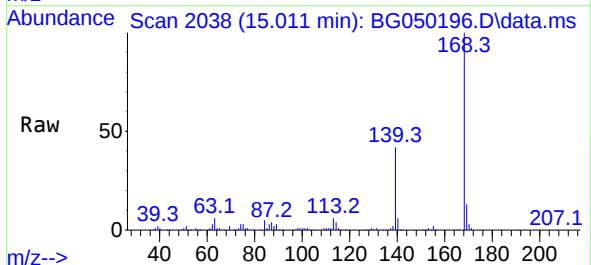
Instrument :
BNA_G
ClientSampleId :
DBKJ0

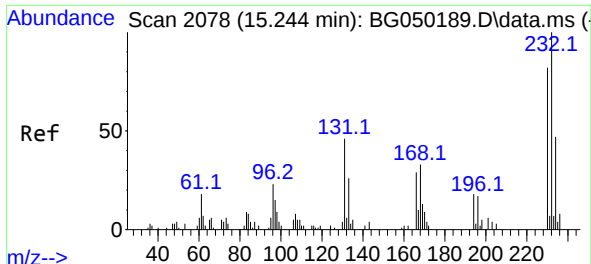
Tgt Ion:153 Resp: 226984
Ion Ratio Lower Upper
153 100
152 47.8 37.4 56.2
154 86.5 71.5 107.3



#56
Dibenzofuran
Concen: 24.299 ng/ul
RT: 15.011 min Scan# 2038
Delta R.T. -0.007 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

Tgt Ion:168 Resp: 174564
Ion Ratio Lower Upper
168 100
139 41.9 33.8 50.8

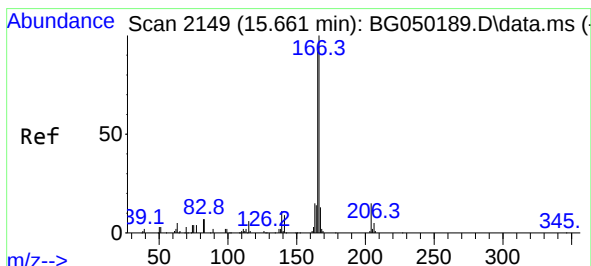
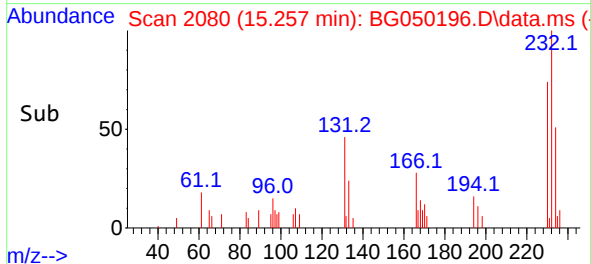
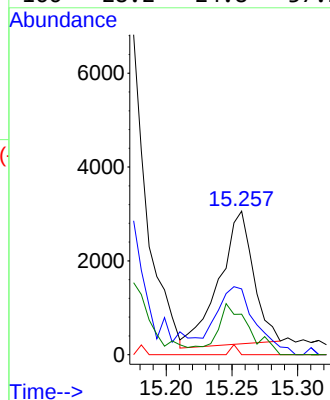
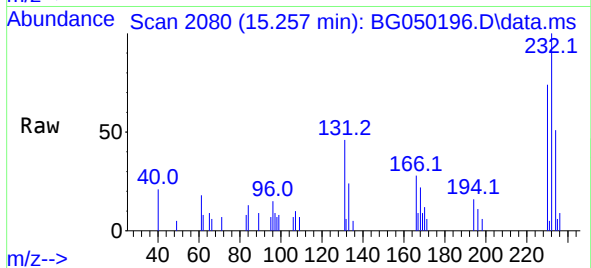




#58
2,3,4,6-Tetrachlorophenol
Concen: 3.897 ng/ul
RT: 15.257 min Scan# 2080
Delta R.T. 0.005 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

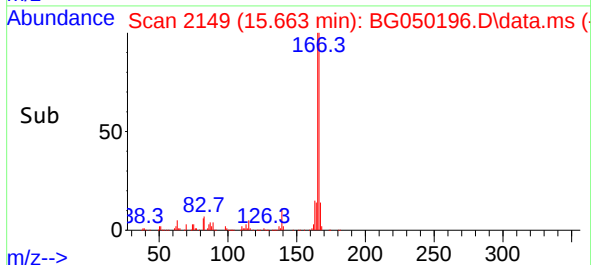
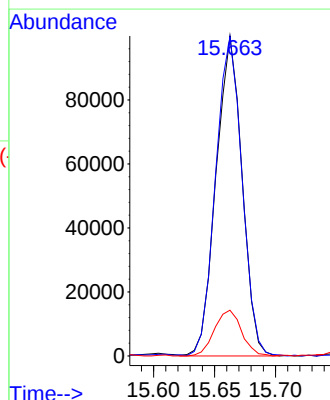
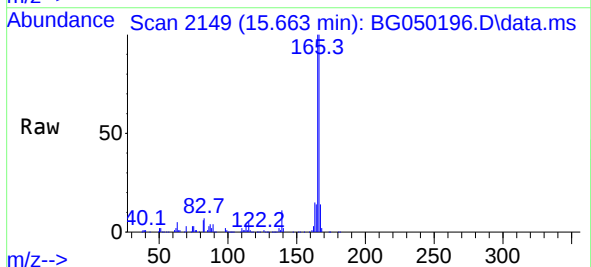
Instrument :
BNA_G
ClientSampleId :
DBKJ0

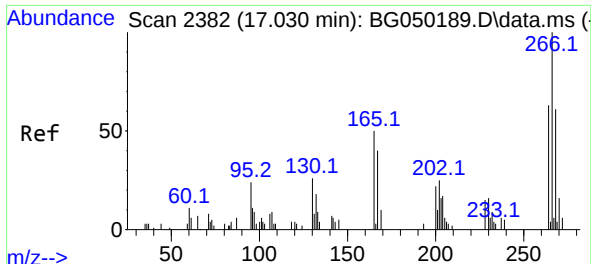
Tgt Ion:232 Resp: 5141
Ion Ratio Lower Upper
232 100
131 45.8 40.0 60.0
130 0.0 1.8 2.8#
166 28.2 24.8 37.2



#61
Fluorene
Concen: 24.589 ng/ul
RT: 15.663 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

Tgt Ion:166 Resp: 148101
Ion Ratio Lower Upper
166 100
165 99.7 83.3 124.9
167 14.3 11.8 17.6

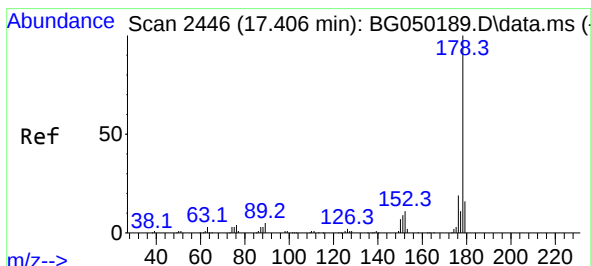
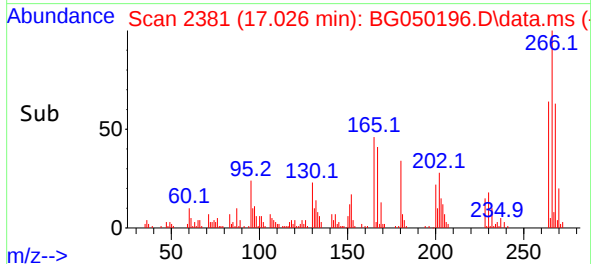
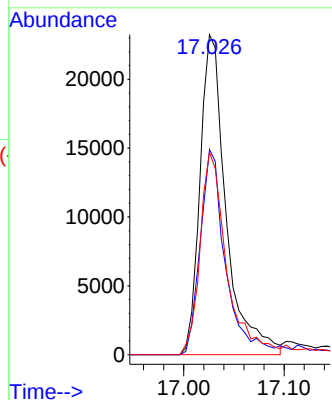
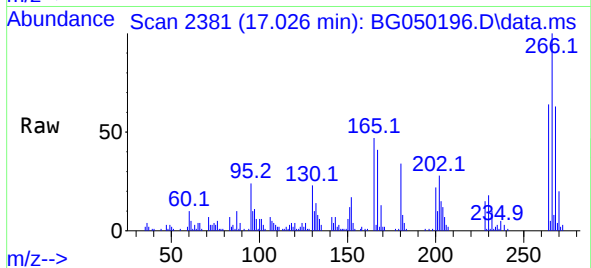




#71
 Pentachlorophenol
 Concen: 60.469 ng/ul
 RT: 17.026 min Scan# 2381
 Delta R.T. -0.013 min
 Lab File: BG050196.D
 Acq: 8 Sep 2021 12:26

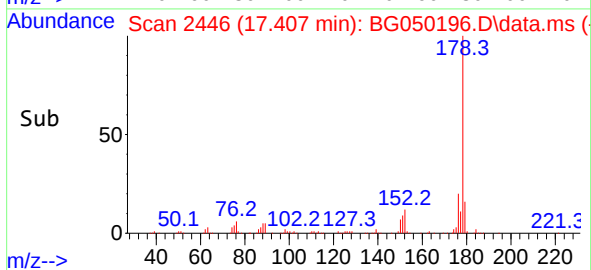
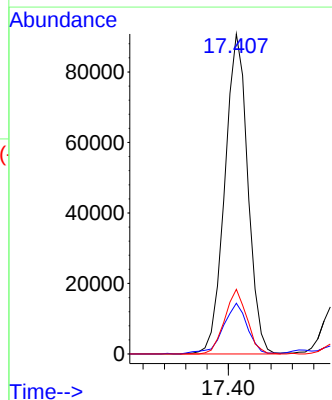
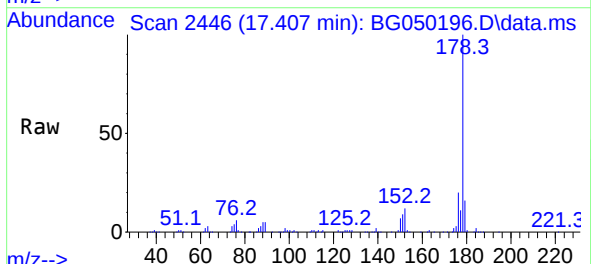
Instrument :
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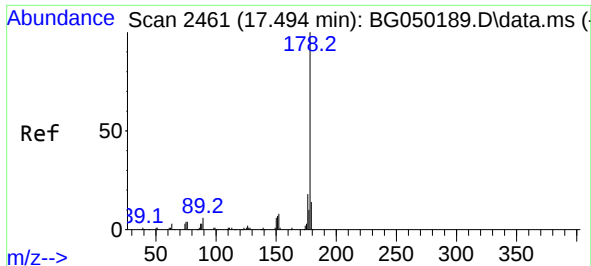
Tgt Ion:266 Resp: 42030
 Ion Ratio Lower Upper
 266 100
 264 64.1 54.1 81.1
 268 63.2 52.6 78.8



#72
 Phenanthrene
 Concen: 14.091 ng/ul
 RT: 17.407 min Scan# 2446
 Delta R.T. -0.007 min
 Lab File: BG050196.D
 Acq: 8 Sep 2021 12:26

Tgt Ion:178 Resp: 135729
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.7 17.5
 176 20.2 16.2 24.2

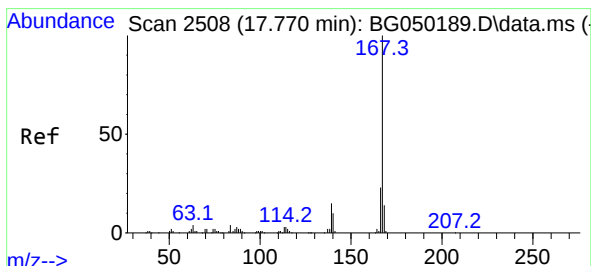
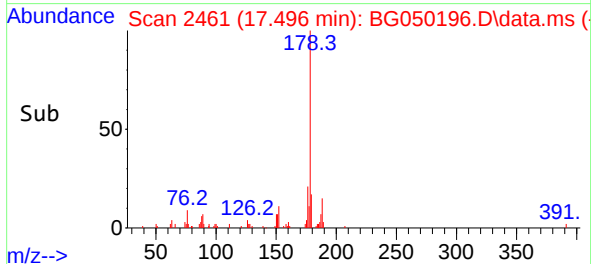
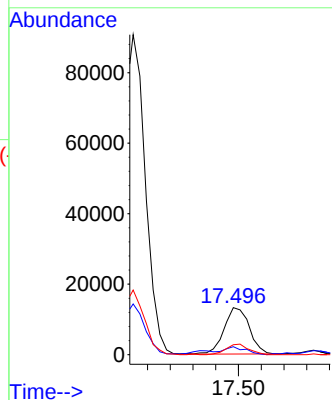
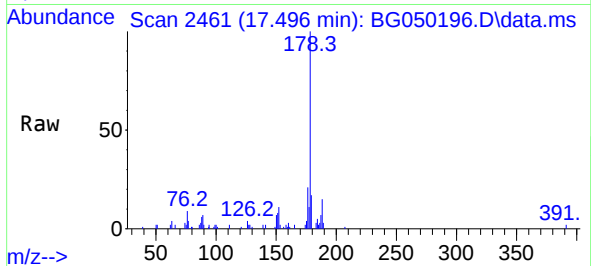




#74
 Anthracene
 Concen: 2.085 ng/ul
 RT: 17.496 min Scan# 2461
 Delta R.T. -0.007 min
 Lab File: BG050196.D
 Acq: 8 Sep 2021 12:26

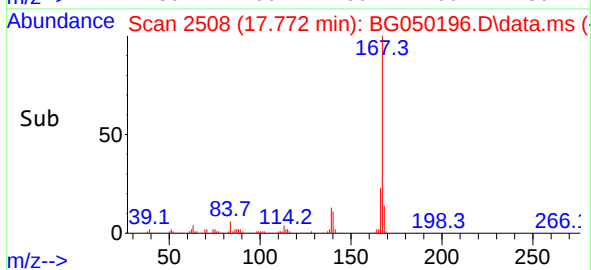
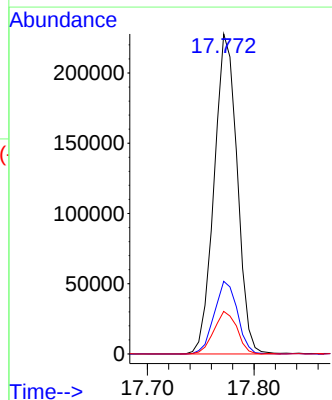
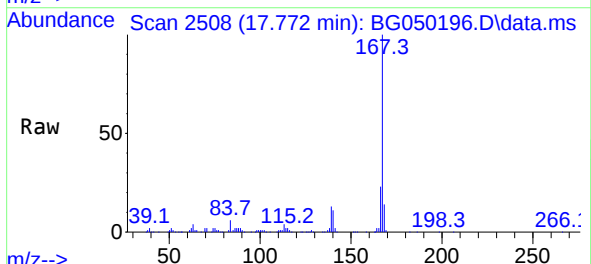
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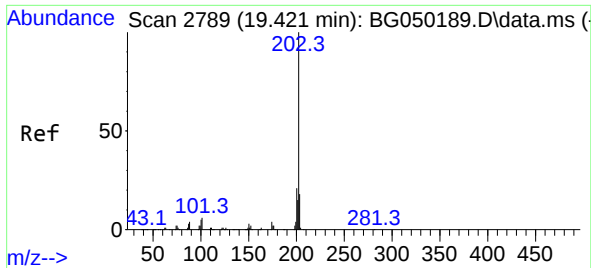
Tgt Ion:178 Resp: 20364
 Ion Ratio Lower Upper
 178 100
 179 17.0 11.4 17.0
 176 21.1 12.8 19.2#



#77
 Carbazole
 Concen: 39.667 ng/ul
 RT: 17.772 min Scan# 2508
 Delta R.T. -0.007 min
 Lab File: BG050196.D
 Acq: 8 Sep 2021 12:26

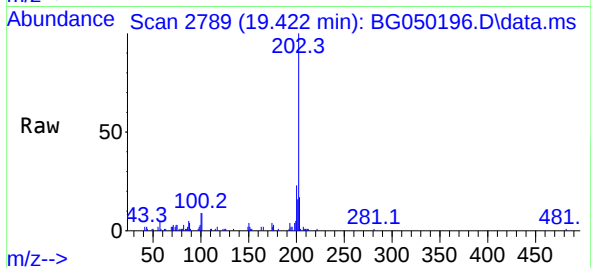
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 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 13.3 11.1 16.7





#80
Fluoranthene
Concen: 1.951 ng/ul
RT: 19.422 min Scan# 2789
Delta R.T. -0.007 min
Lab File: BG050196.D
Acq: 8 Sep 2021 12:26

Instrument :
BNA_G
ClientSampleId :
DBKJ0



Tgt Ion:	202	Resp:	26212
Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.3	6.5#
100	9.3	3.5	5.3#

