

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050482.D
 Acq On : 7 Oct 2021 14:02
 Operator : CG/JU
 Sample : M4077-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-37

Quant Time: Oct 07 17:30:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

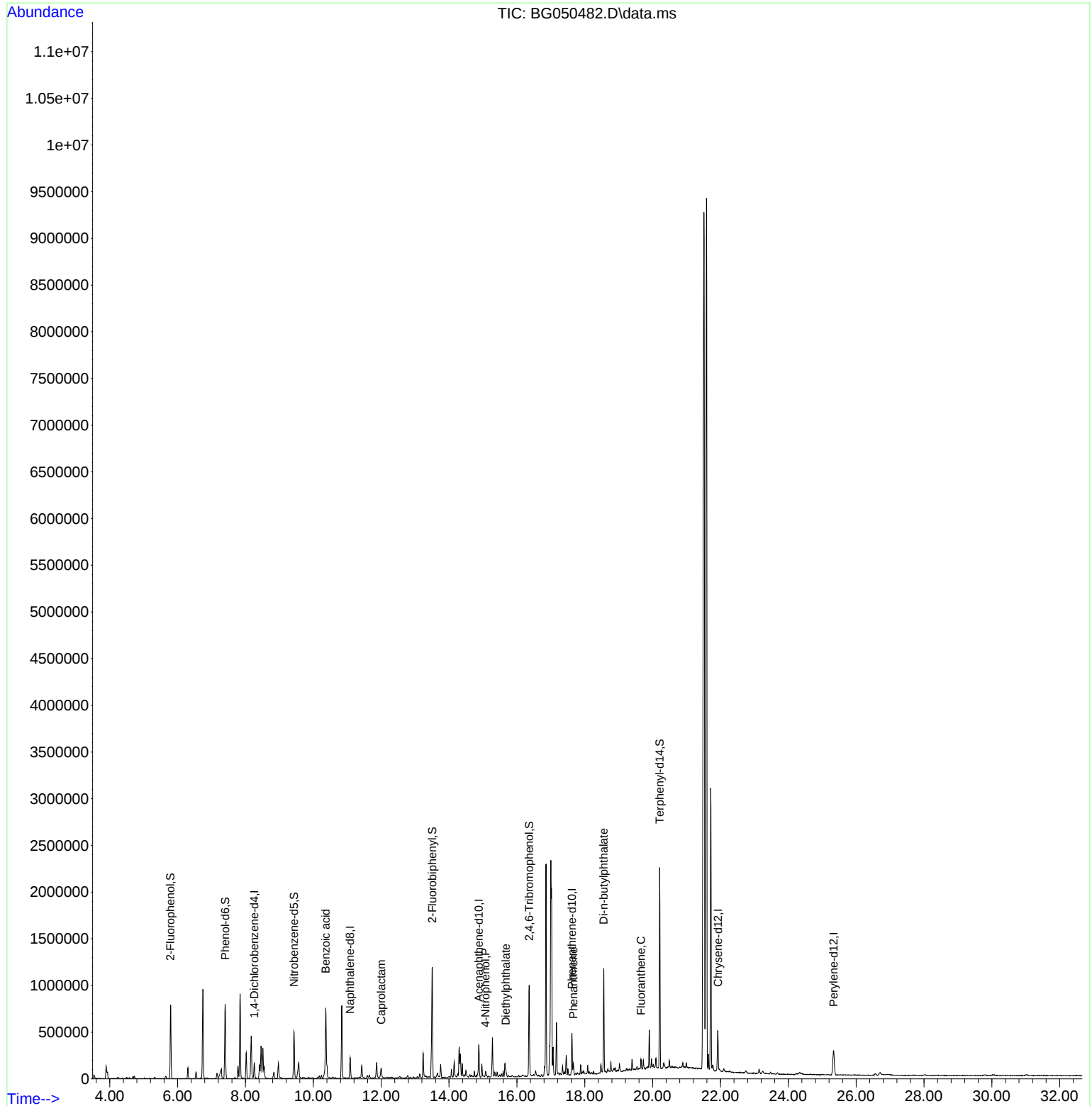
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	42665	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	179869	20.00	ng	# 0.00
39) Acenaphthene-d10	14.881	164	123668	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	273511	20.00	ng	# 0.00
76) Chrysene-d12	21.925	240	268549	20.00	ng	# 0.00
86) Perylene-d12	25.333	264	277922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	340906	119.50	ng	0.00
7) Phenol-d6	7.401	99	468124	113.34	ng	0.00
23) Nitrobenzene-d5	9.428	82	325564	74.93	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	136953	116.10	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	578475	70.40	ng	0.00
79) Terphenyl-d14	20.210	244	955740	69.36	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.362	122	63048	30.99	ng	# 69
35) Caprolactam	12.002	113	19159	17.92	ng	# 52
56) 4-Nitrophenol	15.074	139	12984	7.29	ng	# 77
60) Diethylphthalate	15.674	149	39480	4.02	ng	# 92
71) Phenanthrene	17.666	178	75408	5.23	ng	98
74) Di-n-butylphthalate	18.559	149	788927	47.10	ng	97
75) Fluoranthene	19.657	202	68072	3.84	ng	95

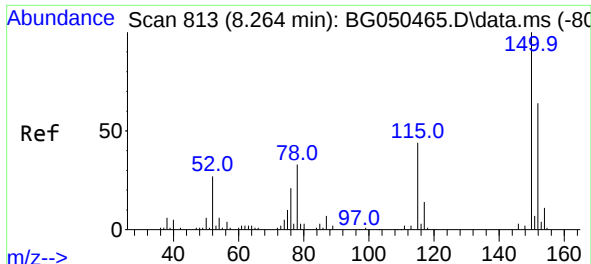
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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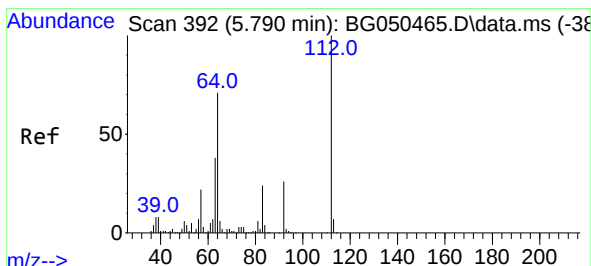
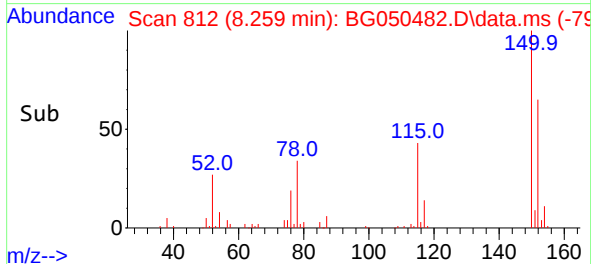
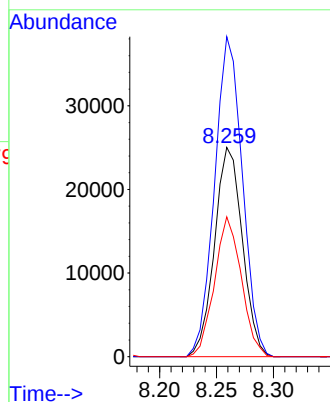
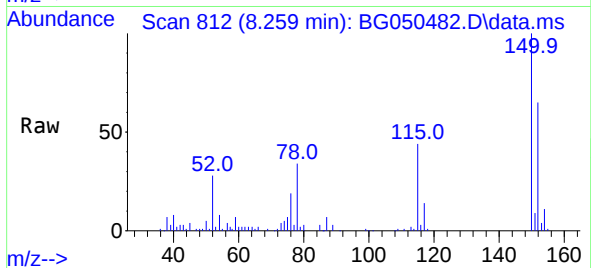




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

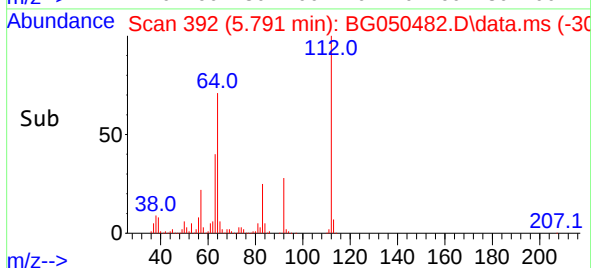
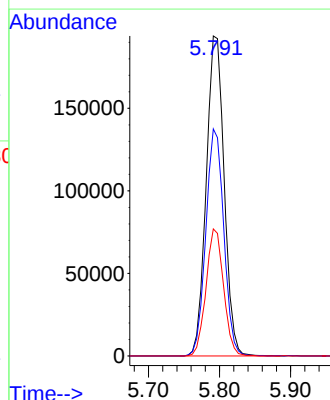
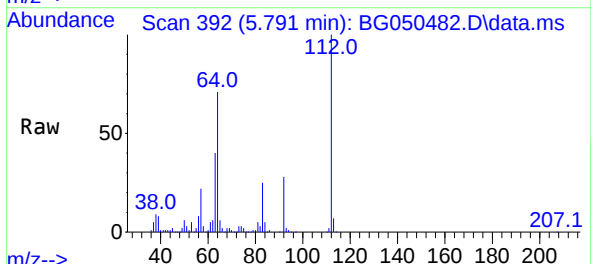
Instrument :
BNA_G
ClientSampleId :
CC-37

Tgt Ion:152 Resp: 42665
Ion Ratio Lower Upper
152 100
150 152.9 119.4 179.0
115 66.8 60.2 90.4



#5
2-Fluorophenol
Concen: 119.50 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion:112 Resp: 340906
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 39.7 35.3 52.9

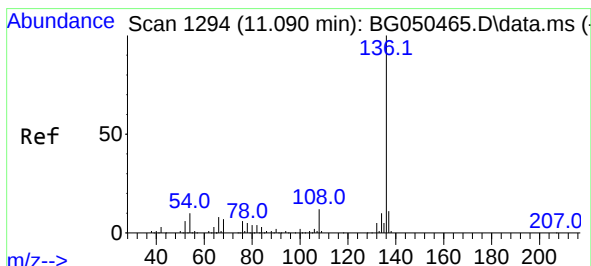
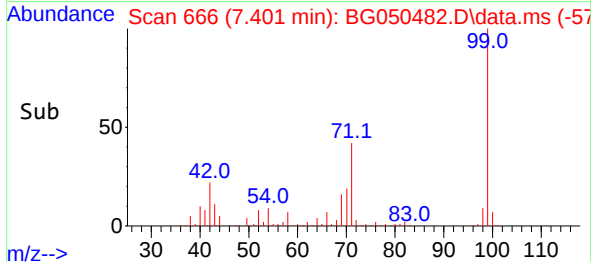
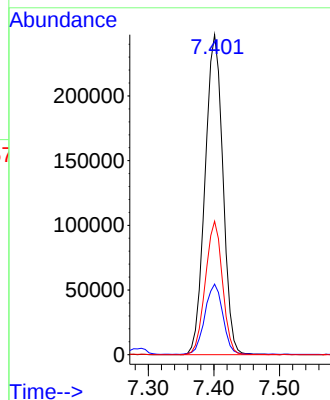
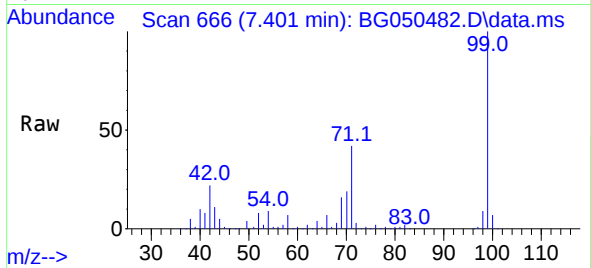




#7
Phenol-d6
Concen: 113.34 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

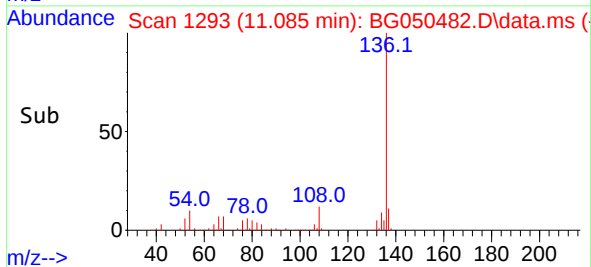
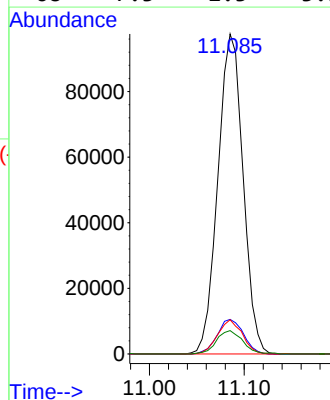
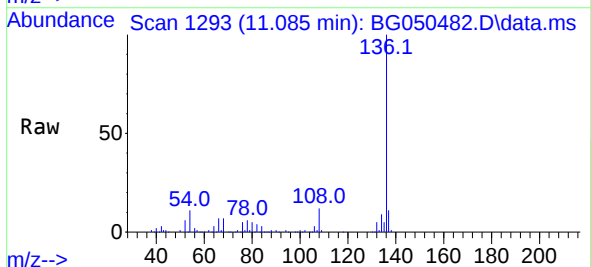
Instrument :
BNA_G
ClientSampled :
CC-37

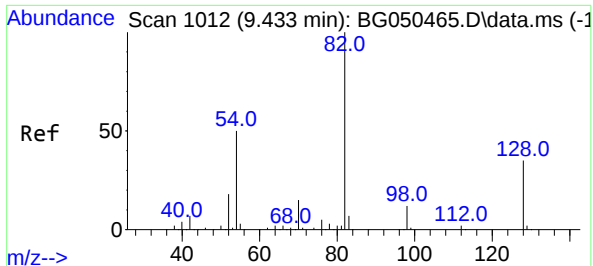
Tgt Ion: 99 Resp: 468124
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.7 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion: 136 Resp: 179869
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 10.7 5.5 8.3#
68 7.3 2.3 3.5#

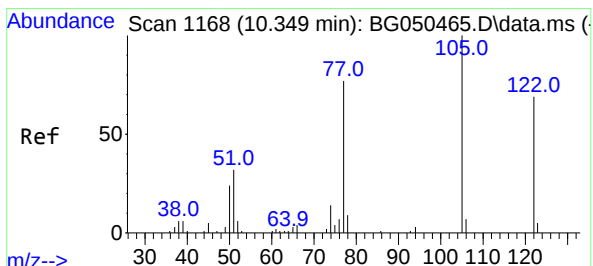
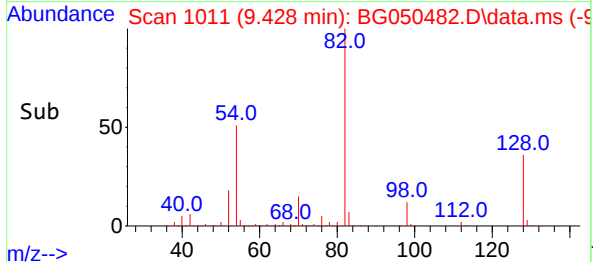
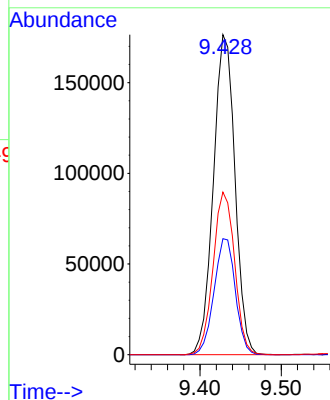
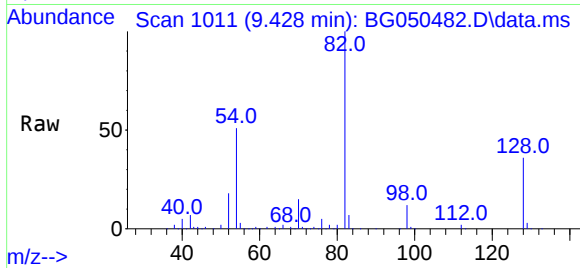




#23
Nitrobenzene-d5
Concen: 74.93 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

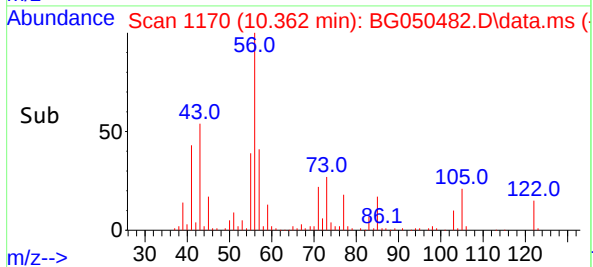
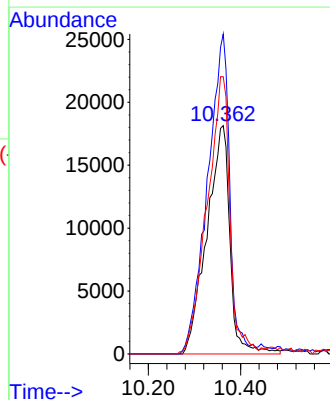
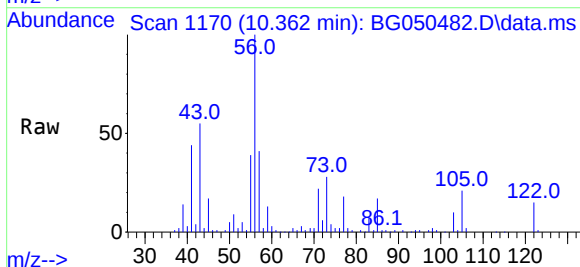
Instrument :
BNA_G
ClientSampled :
CC-37

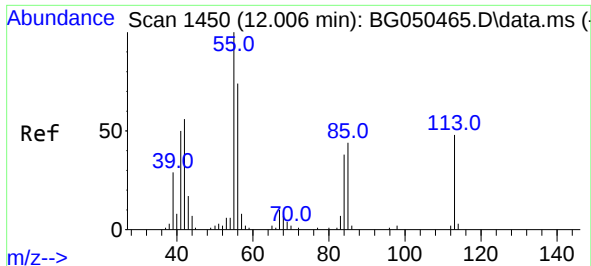
Tgt Ion: 82 Resp: 325564
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 50.8 45.8 68.8



#32
Benzoic acid
Concen: 30.99 ng
RT: 10.362 min Scan# 1170
Delta R.T. 0.013 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion:122 Resp: 63048
Ion Ratio Lower Upper
122 100
105 140.1 92.3 132.3#
77 121.4 66.5 106.5#

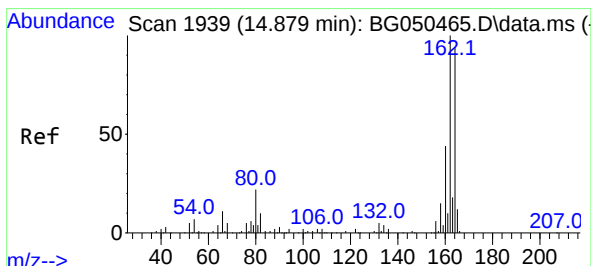
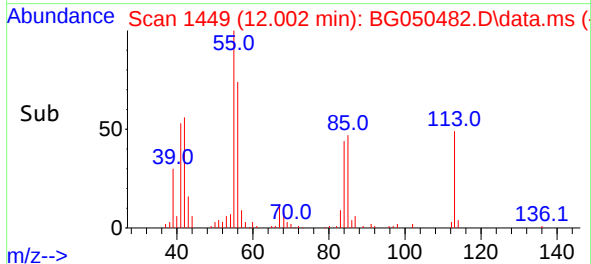
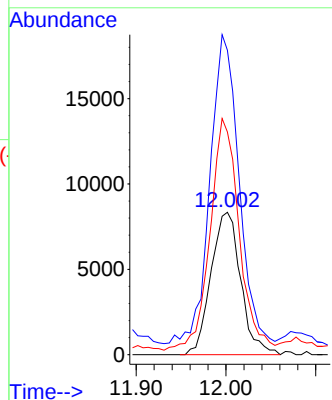
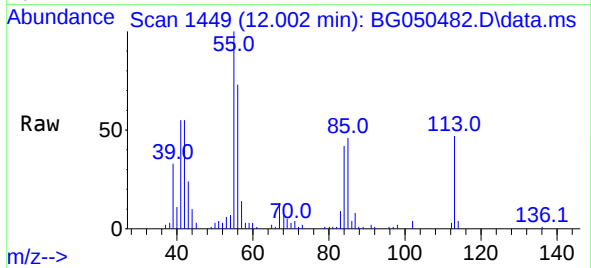




#35
 Caprolactam
 Concen: 17.92 ng
 RT: 12.002 min Scan# 1449
 Delta R.T. -0.005 min
 Lab File: BG050482.D
 Acq: 7 Oct 2021 14:02

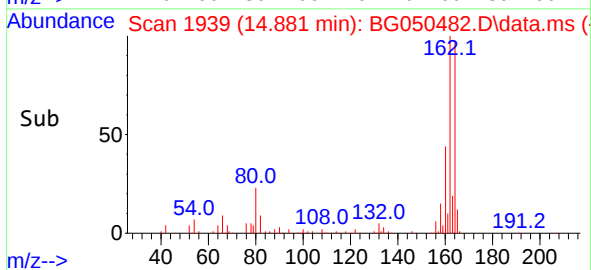
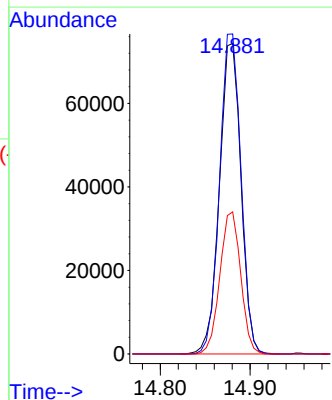
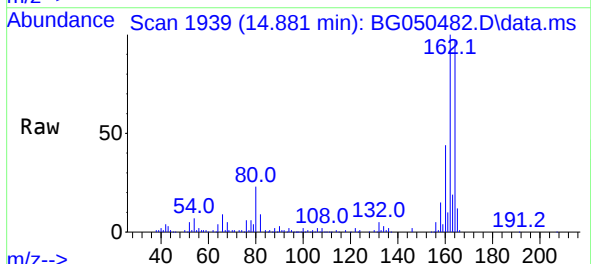
Instrument :
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 ClientSampleId :
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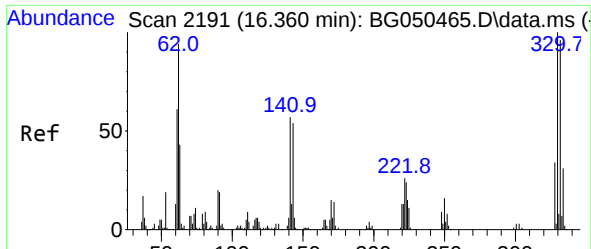
Tgt Ion:113 Resp: 19159
 Ion Ratio Lower Upper
 113 100
 55 213.7 113.8 153.8#
 56 156.4 105.6 145.6#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.881 min Scan# 1939
 Delta R.T. 0.001 min
 Lab File: BG050482.D
 Acq: 7 Oct 2021 14:02

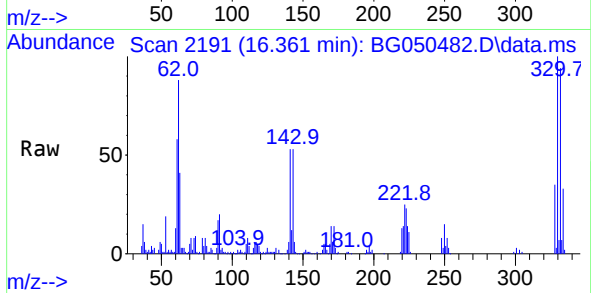
Tgt Ion:164 Resp: 123668
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.4 122.0
 160 45.7 34.9 52.3



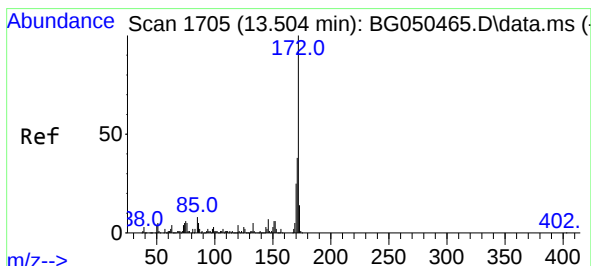
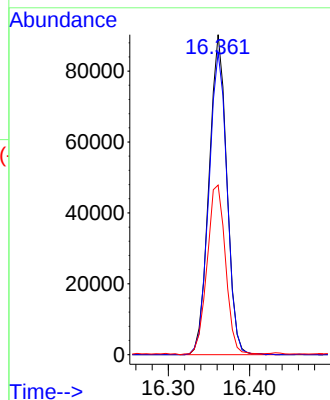
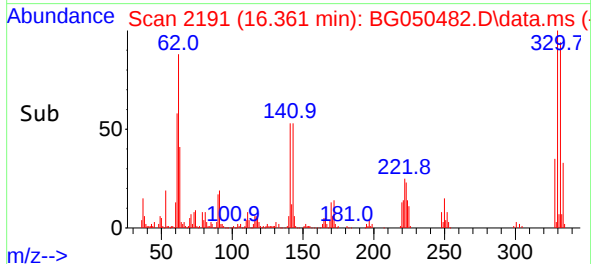


#42
2,4,6-Tribromophenol
Concen: 116.10 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

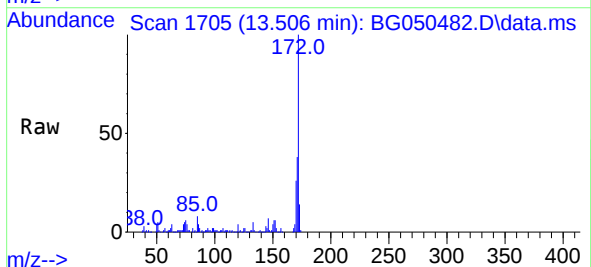
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ClientSampleId :
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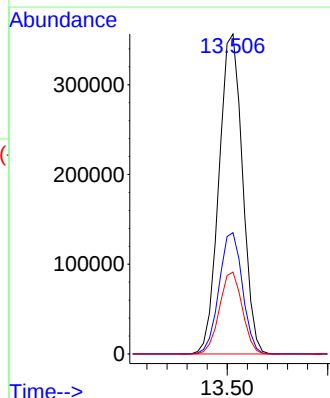
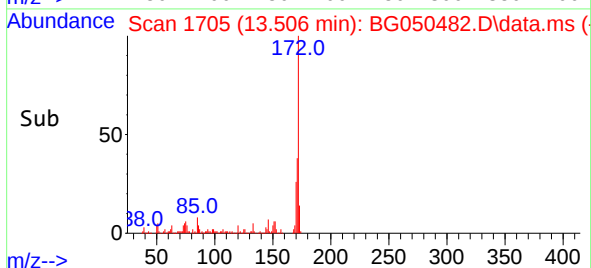
Tgt Ion:330 Resp: 136953
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 55.2 35.6 53.4#

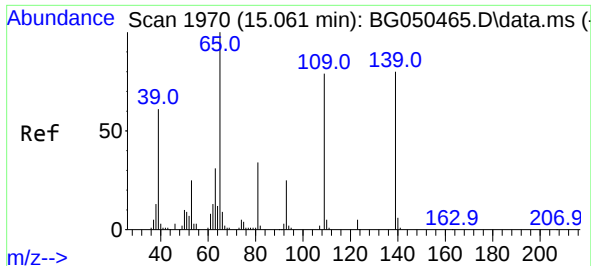


#45
2-Fluorobiphenyl
Concen: 70.40 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02



Tgt Ion:172 Resp: 578475
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.6 18.6 27.8

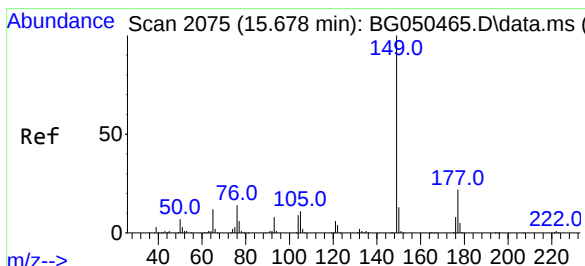
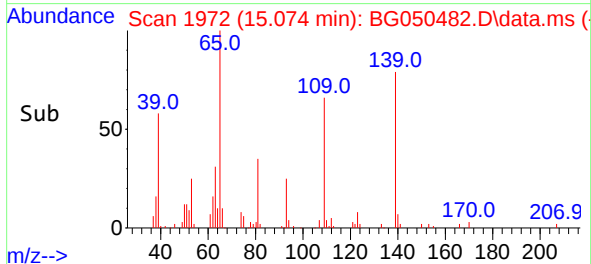
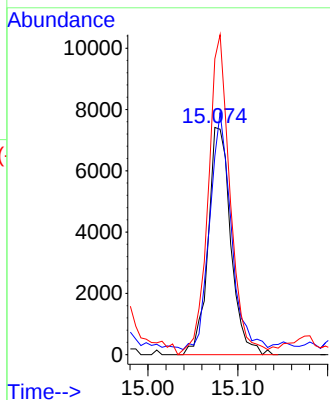
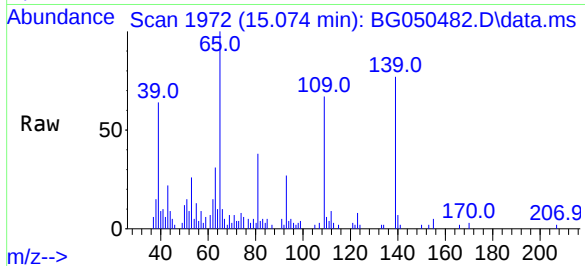




#56
4-Nitrophenol
Concen: 7.29 ng
RT: 15.074 min Scan# 1972
Delta R.T. 0.013 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

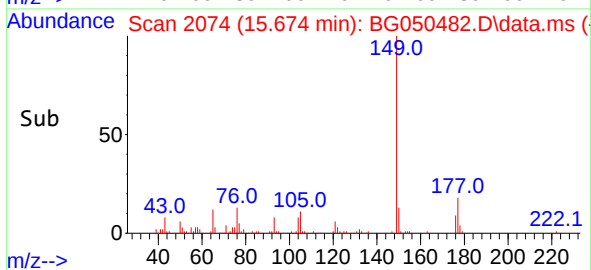
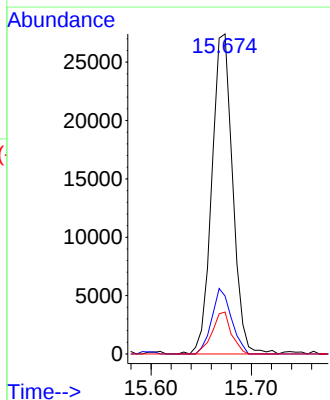
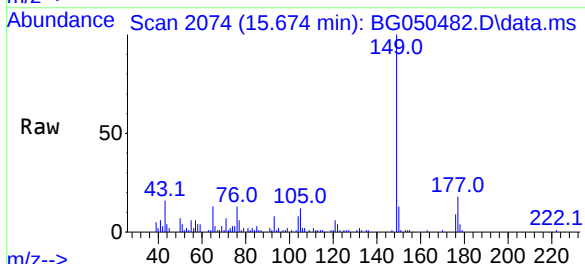
Instrument :
BNA_G
ClientSampled :
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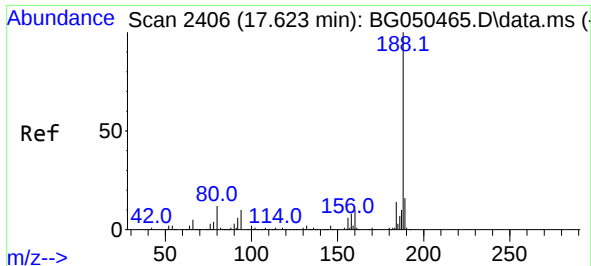
Tgt Ion:139 Resp: 12984
Ion Ratio Lower Upper
139 100
109 87.4 116.3 156.3#
65 130.2 105.0 145.0



#60
Diethylphthalate
Concen: 4.02 ng
RT: 15.674 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion:149 Resp: 39480
Ion Ratio Lower Upper
149 100
177 18.1 19.0 28.6#
150 13.1 10.2 15.4

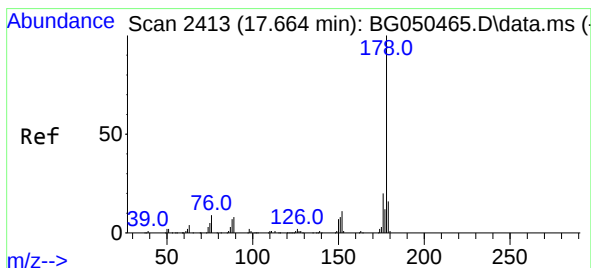
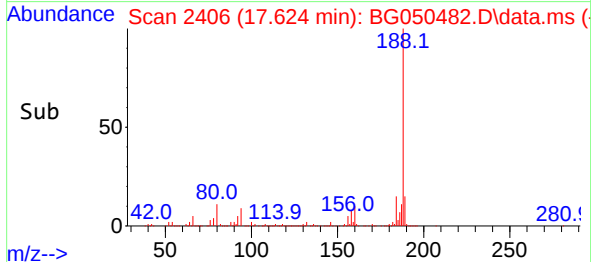
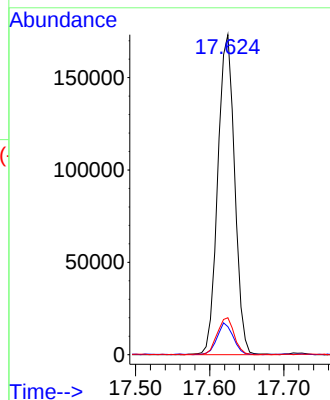
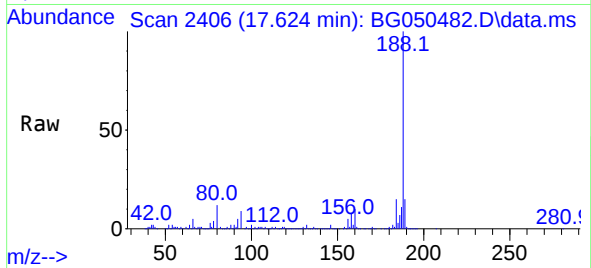




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

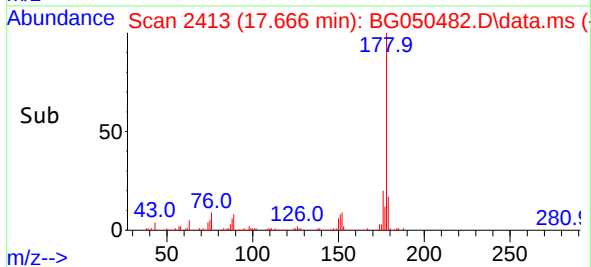
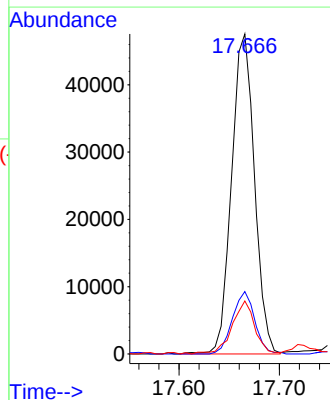
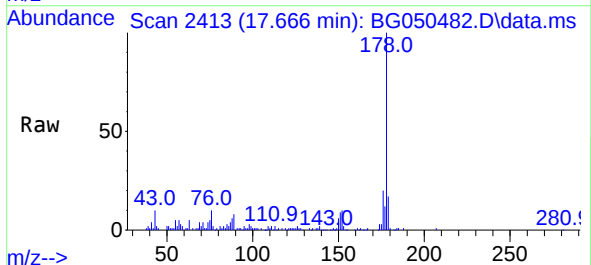
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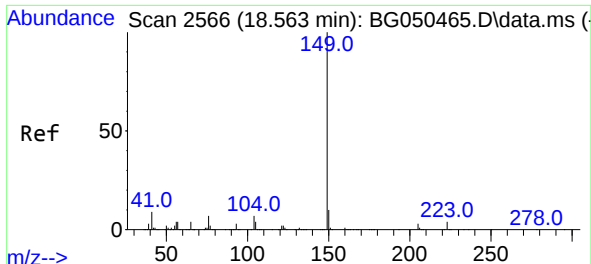
Tgt Ion:188 Resp: 273511
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.6 3.7 5.5#



#71
Phenanthrene
Concen: 5.23 ng
RT: 17.666 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion:178 Resp: 75408
Ion Ratio Lower Upper
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176 19.5 16.0 24.0
179 16.6 14.2 21.4

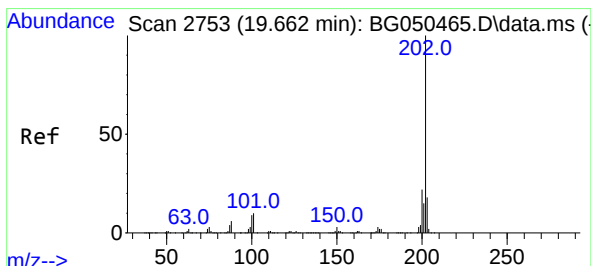
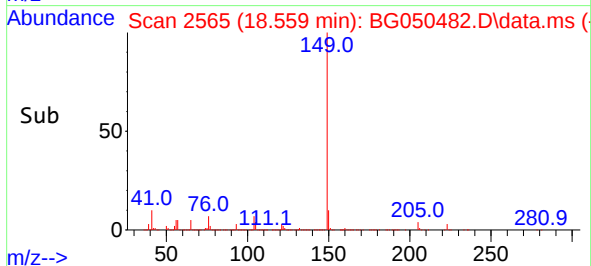
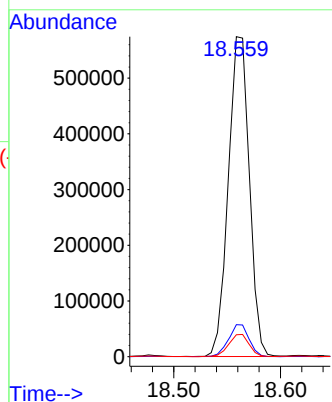
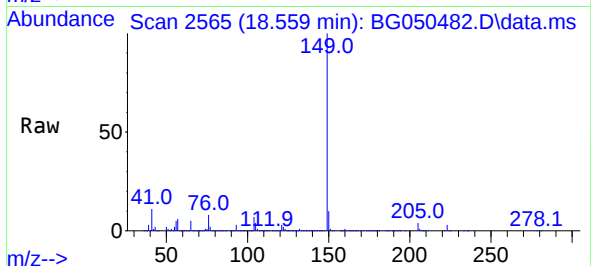




#74
Di-n-butylphthalate
Concen: 47.10 ng
RT: 18.559 min Scan# 2565
Delta R.T. -0.005 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

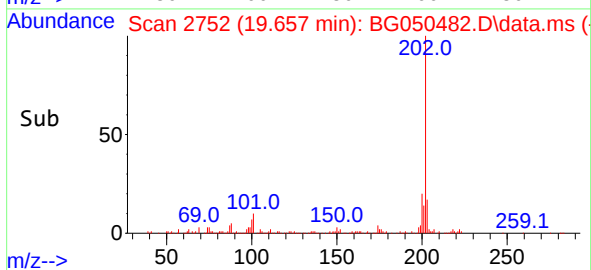
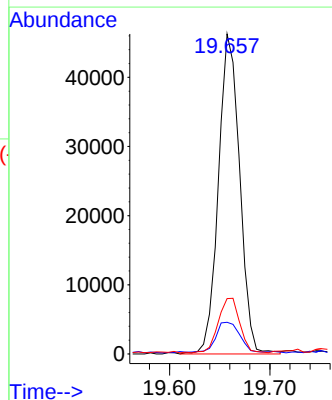
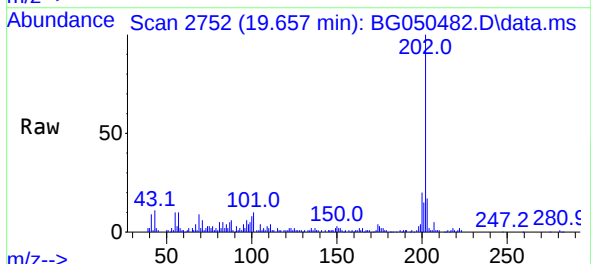
Instrument :
BNA_G
ClientSampled :
CC-37

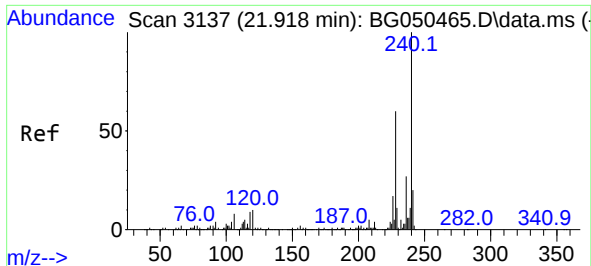
Tgt Ion:149 Resp: 788927
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 6.9 6.6 10.0



#75
Fluoranthene
Concen: 3.84 ng
RT: 19.657 min Scan# 2752
Delta R.T. -0.005 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion:202 Resp: 68072
Ion Ratio Lower Upper
202 100
101 9.9 0.0 24.7
203 17.3 0.0 38.5

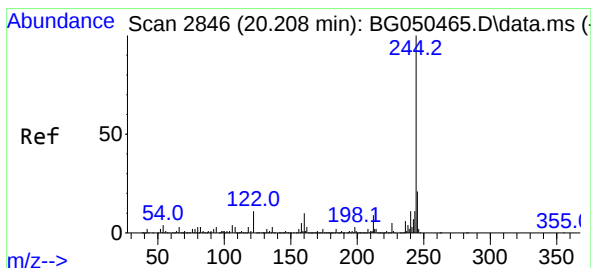
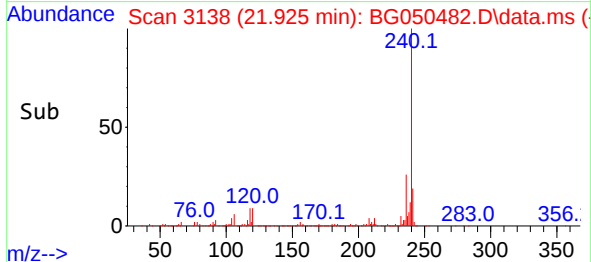
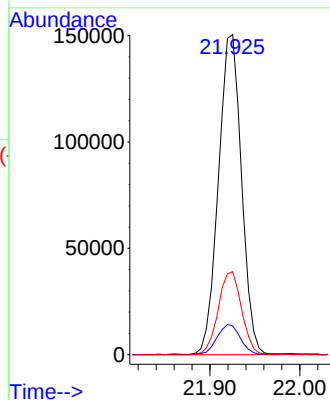
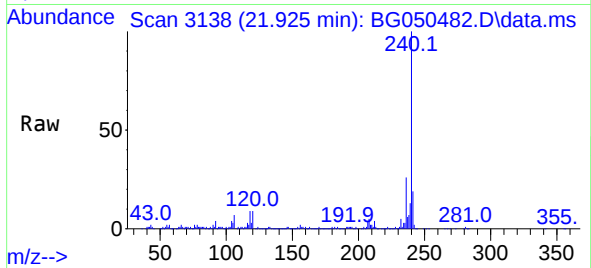




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

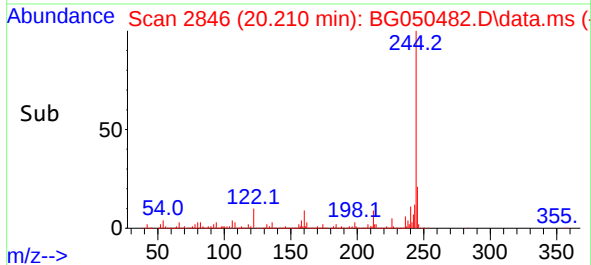
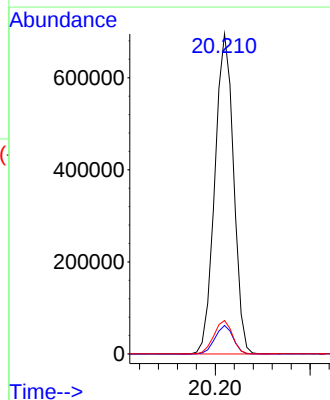
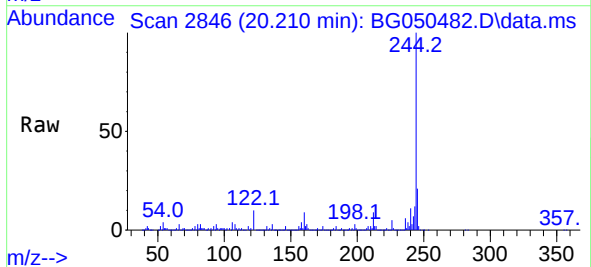
Instrument :
BNA_G
ClientSampled :
CC-37

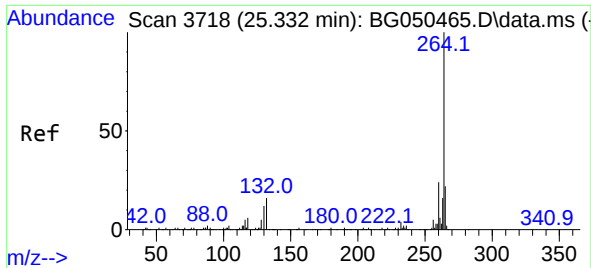
Tgt Ion:240 Resp: 268549
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 25.9 21.8 32.6



#79
Terphenyl-d14
Concen: 69.36 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050482.D
Acq: 7 Oct 2021 14:02

Tgt Ion:244 Resp: 955740
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.4 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050482.D
 Acq: 7 Oct 2021 14:02

Instrument :
 BNA_G
 ClientSampled :
 CC-37

Tgt Ion:264 Resp: 277922
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.2 16.9 25.3

