

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050535.D
 Acq On : 11 Oct 2021 13:42
 Operator : CG/JU
 Sample : M4144-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-LIQ-COMP-100721RE

Quant Time: Oct 11 14:48:55 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)

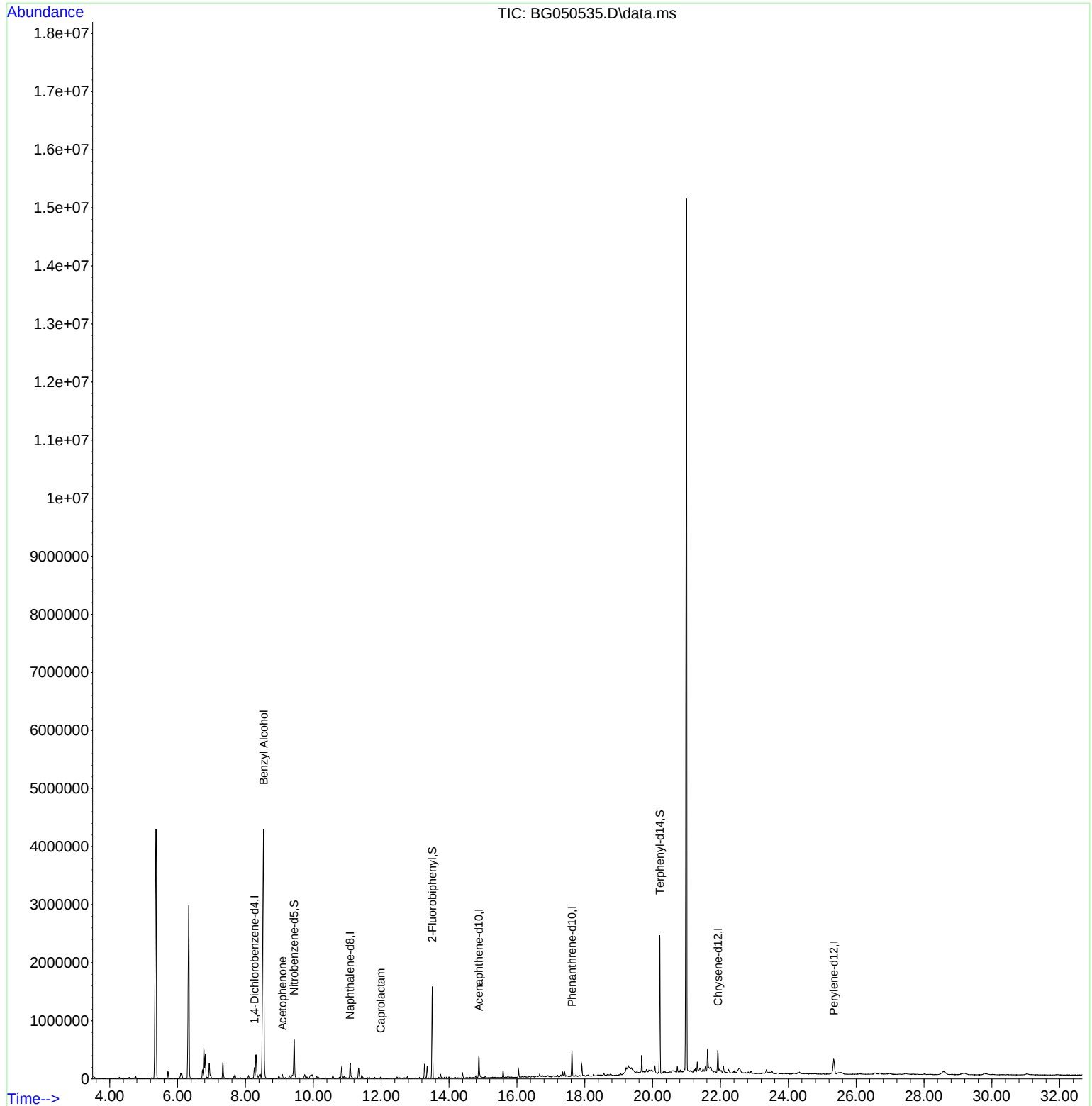
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	49011	20.00	ng	# 0.00
21) Naphthalene-d8	11.085	136	201383	20.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	128325	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	260041	20.00	ng	# 0.00
76) Chrysene-d12	21.925	240	238171	20.00	ng	# 0.00
86) Perylene-d12	25.339	264	244277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	7.436	99	69	0.01	ng	0.04
23) Nitrobenzene-d5	9.434	82	432816	88.97	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	54	0.04	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	767934	90.07	ng	0.00
79) Terphenyl-d14	20.215	244	1038250	84.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.535	79	2178319	580.96	ng	Qvalue 95
22) Acetophenone	9.087	105	35653	6.23	ng	# 98
35) Caprolactam	11.990	113	4096	3.42	ng	# 57

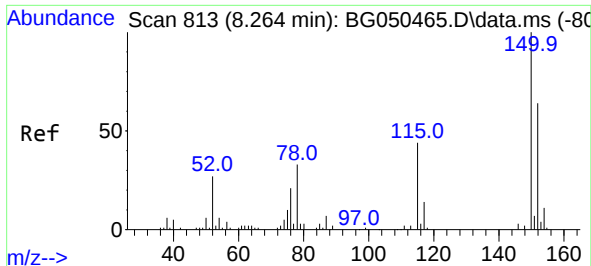
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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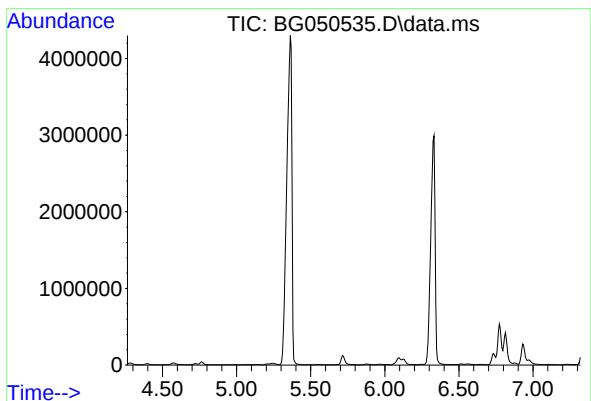
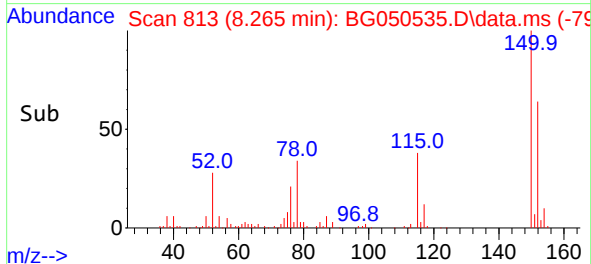
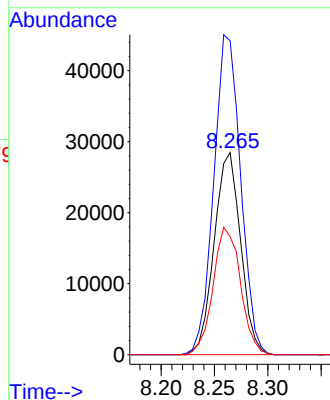
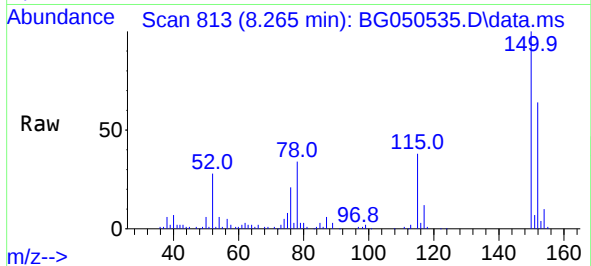




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.265 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

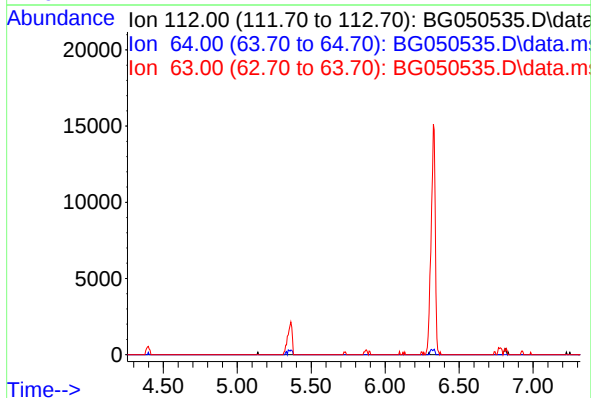
Tgt Ion:152 Resp: 49011
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 58.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.79 min

Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion: 112
Sig Exp Ratio
112 100
64 58.4
63 44.1

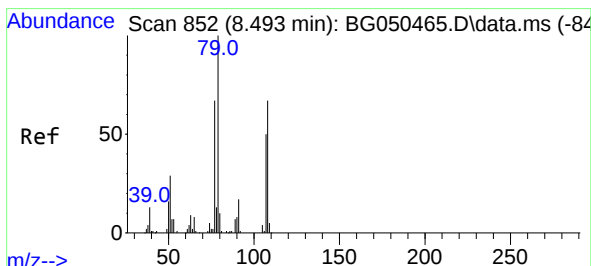
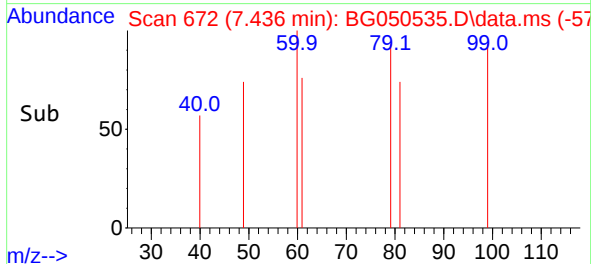
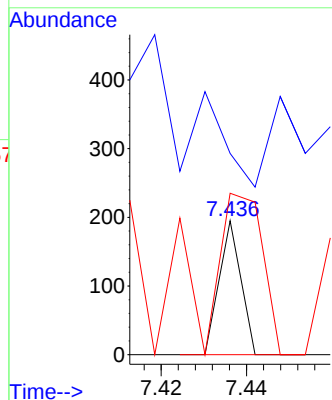
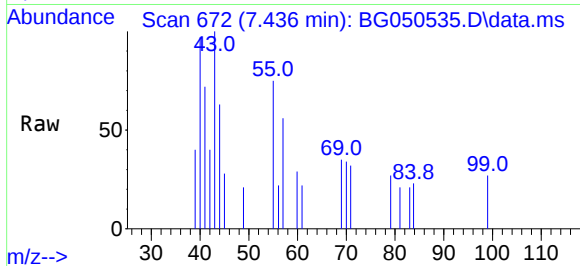




#7
Phenol-d6
Concen: 0.01 ng
RT: 7.436 min Scan# 672
Delta R.T. 0.042 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

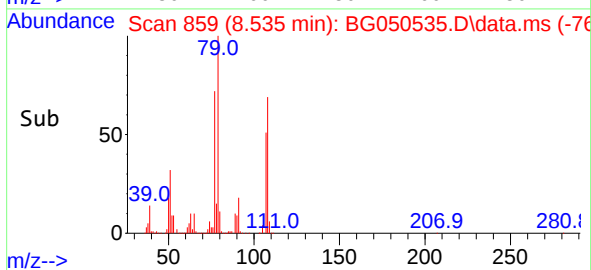
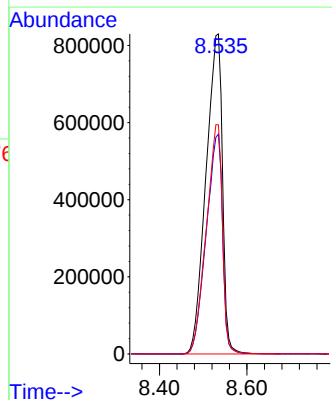
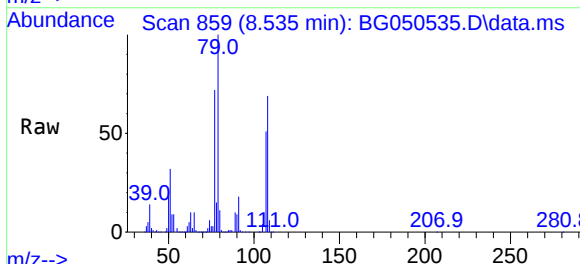
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

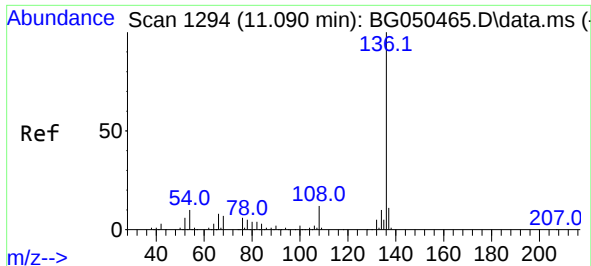
Tgt Ion: 99 Resp: 69
Ion Ratio Lower Upper
99 100
42 150.3 20.5 30.7#
71 120.5 41.5 62.3#



#15
Benzyl Alcohol
Concen: 580.96 ng
RT: 8.535 min Scan# 859
Delta R.T. 0.042 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

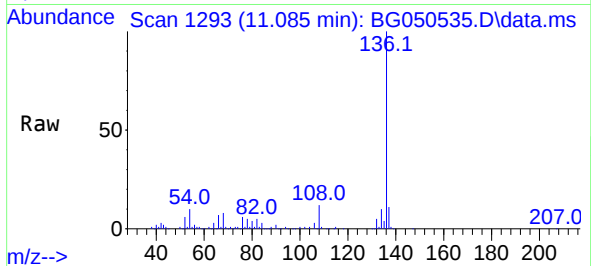
Tgt Ion: 79 Resp: 2178319
Ion Ratio Lower Upper
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108 68.7 48.2 72.4
77 71.6 57.3 85.9



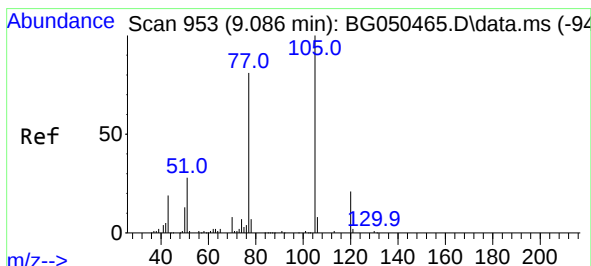
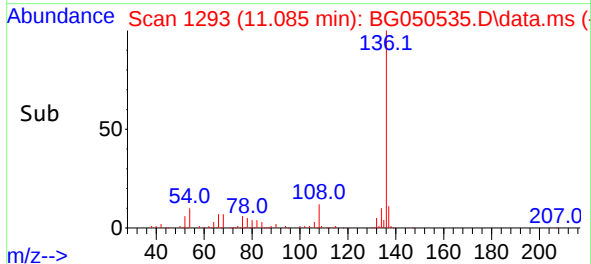
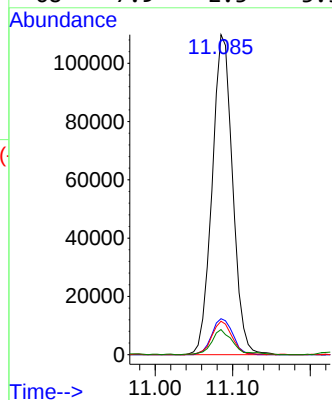


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

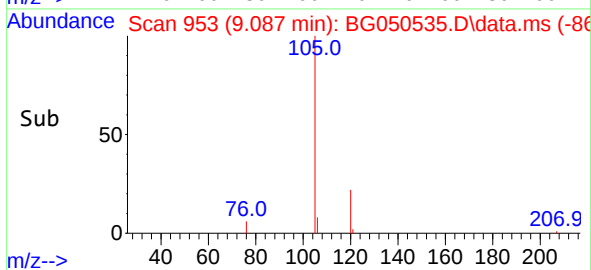
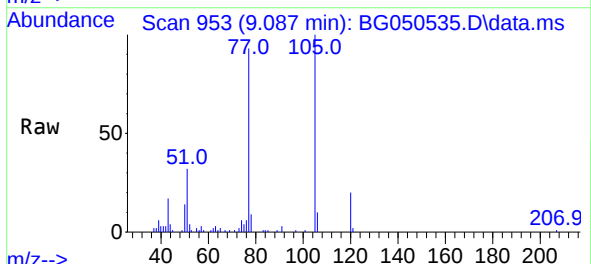
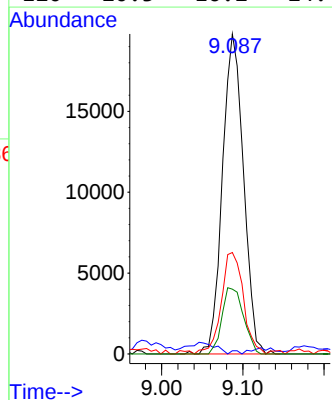


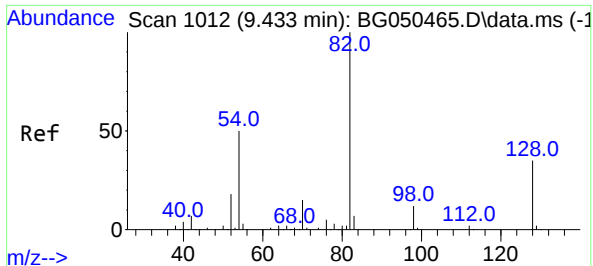
Tgt Ion:136 Resp: 201383
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 10.5 5.5 8.3#
68 7.9 2.3 3.5#



#22
Acetophenone
Concen: 6.23 ng
RT: 9.087 min Scan# 953
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:105 Resp: 35653
Ion Ratio Lower Upper
105 100
71 1.0 0.6 0.8#
51 31.7 26.6 40.0
120 20.3 16.2 24.4

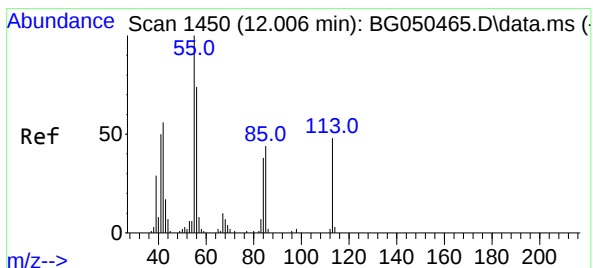
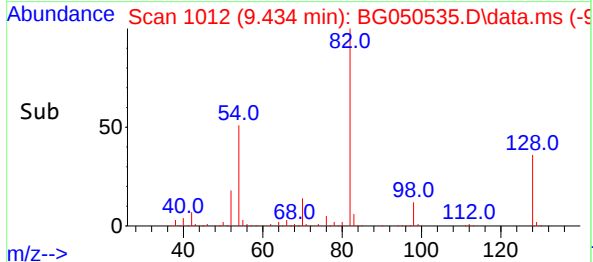
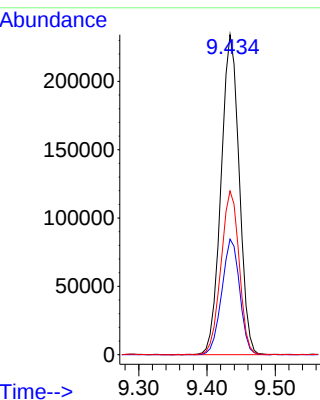
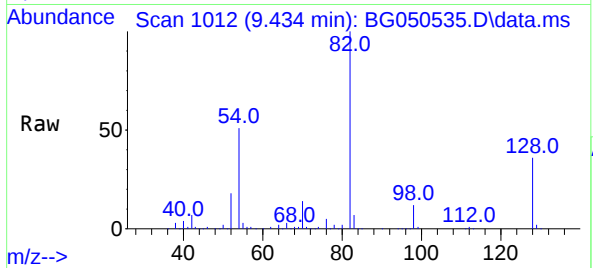




#23
Nitrobenzene-d5
Concen: 88.97 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

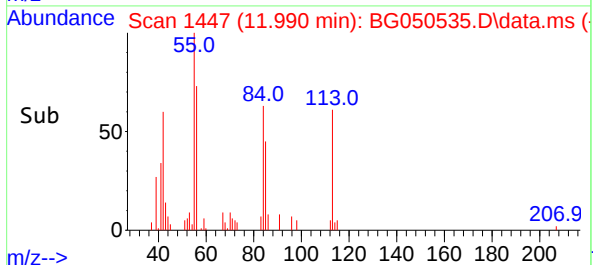
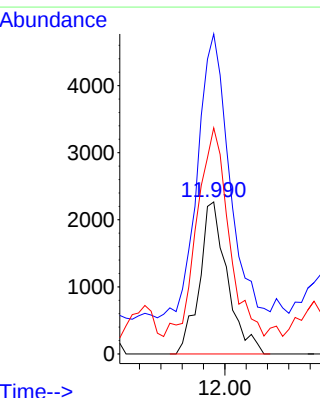
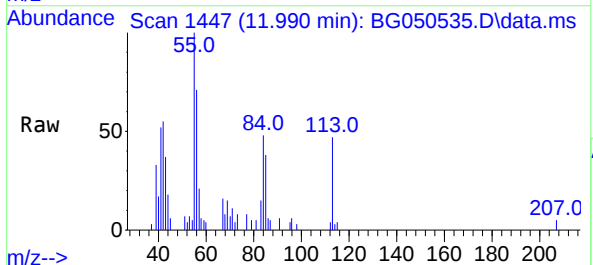
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

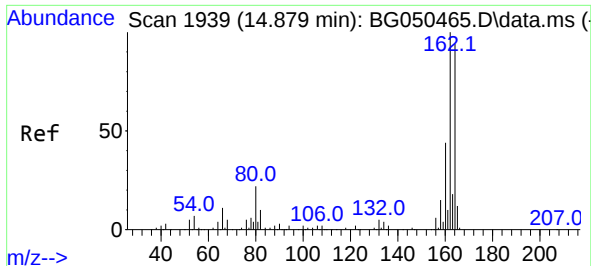
Tgt Ion: 82 Resp: 432816
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 51.2 45.8 68.8



#35
Caprolactam
Concen: 3.42 ng
RT: 11.990 min Scan# 1447
Delta R.T. -0.017 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion: 113 Resp: 4096
Ion Ratio Lower Upper
113 100
55 210.6 113.8 153.8#
56 148.8 105.6 145.6#

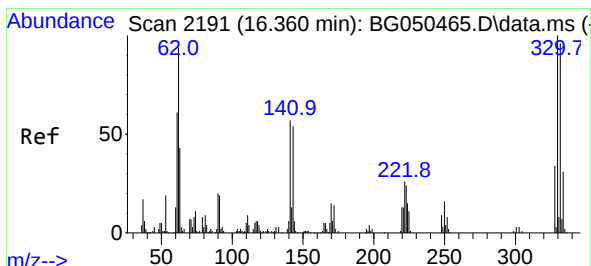
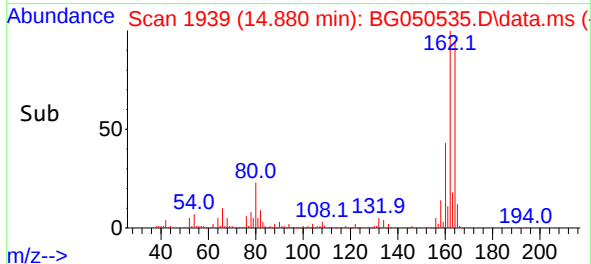
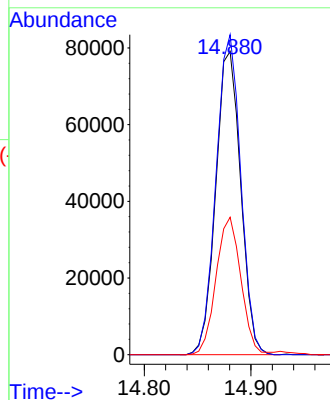
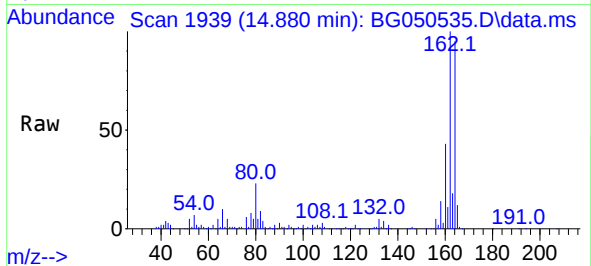




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

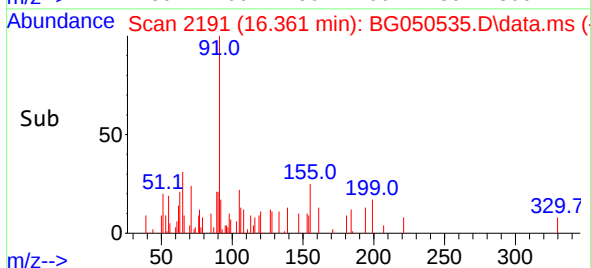
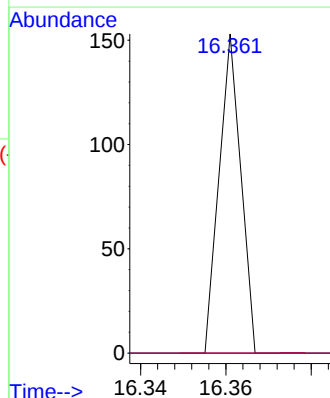
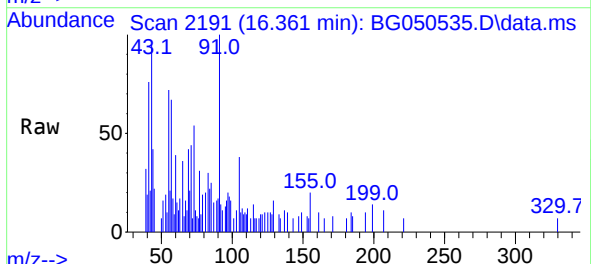
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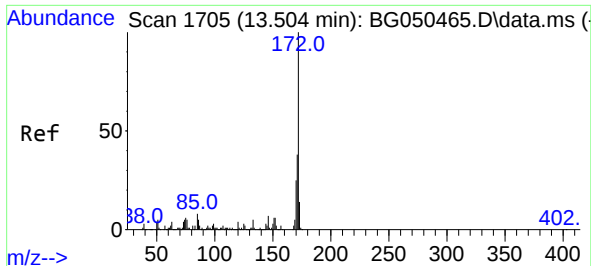
Tgt Ion:164 Resp: 128325
Ion Ratio Lower Upper
164 100
162 105.6 81.4 122.0
160 45.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:330 Resp: 54
Ion Ratio Lower Upper
330 100
332 0.0 77.3 115.9#
141 0.0 35.6 53.4#

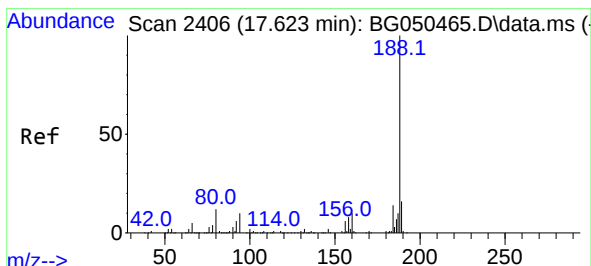
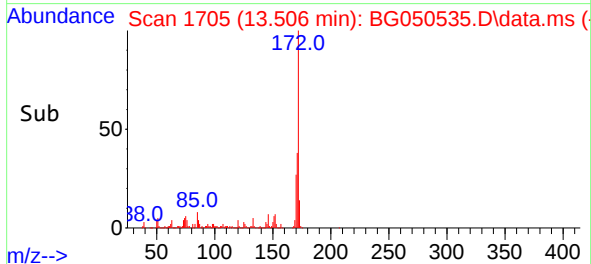
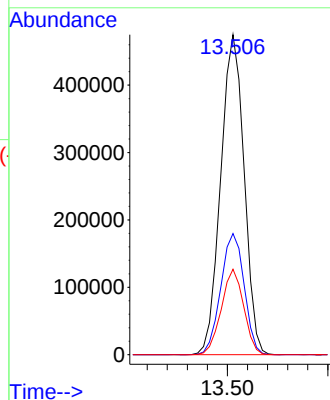
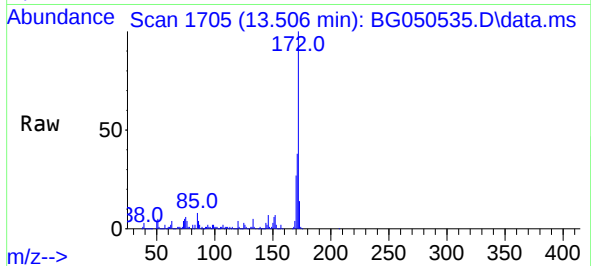




#45
2-Fluorobiphenyl
Concen: 90.07 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

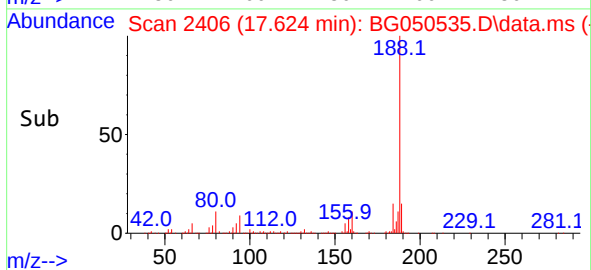
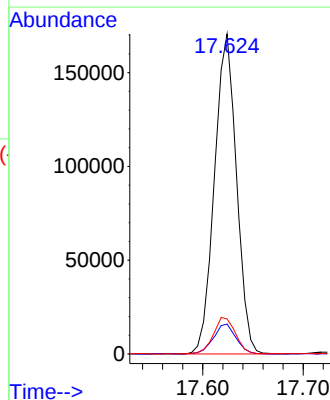
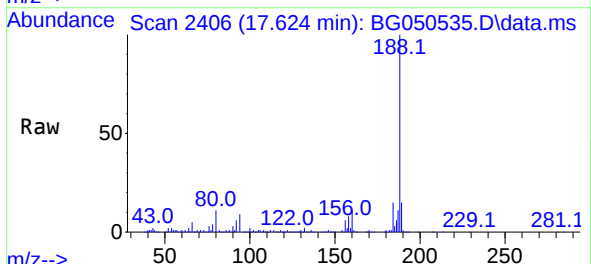
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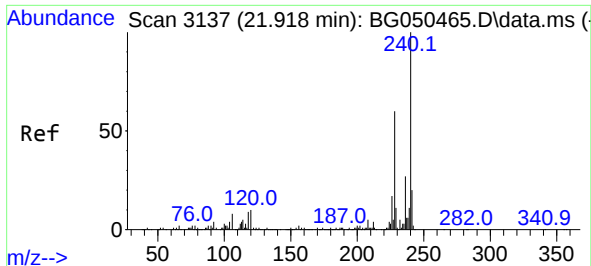
Tgt Ion:172 Resp: 767934
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 26.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:188 Resp: 260041
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 10.9 3.7 5.5#

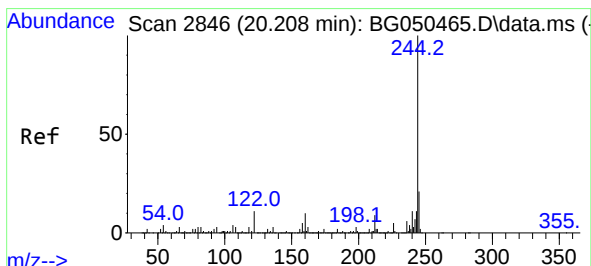
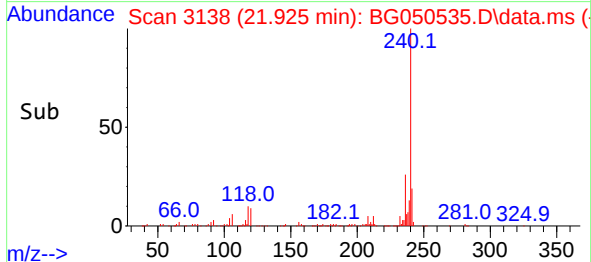
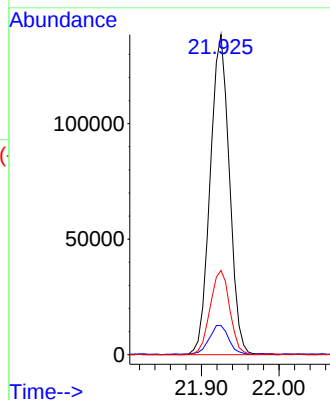
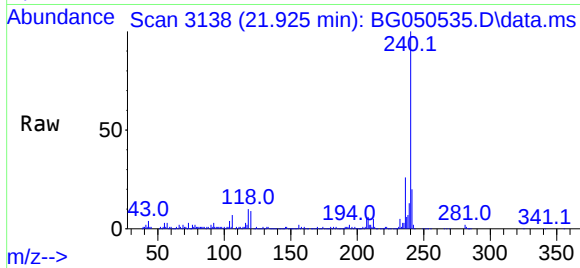




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

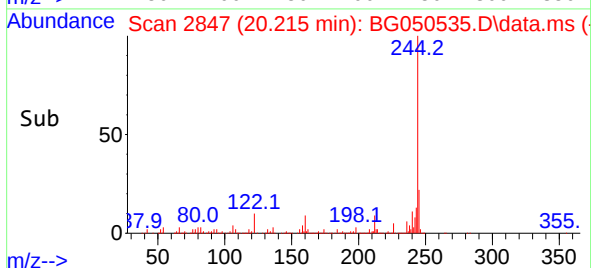
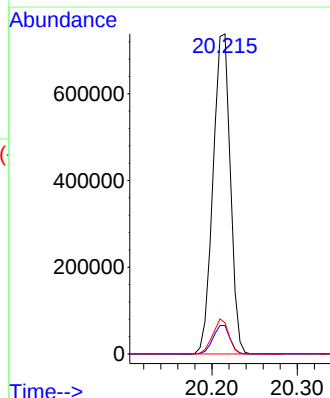
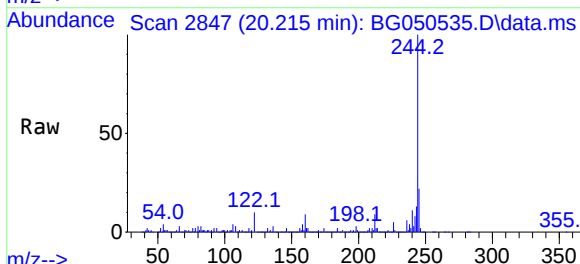
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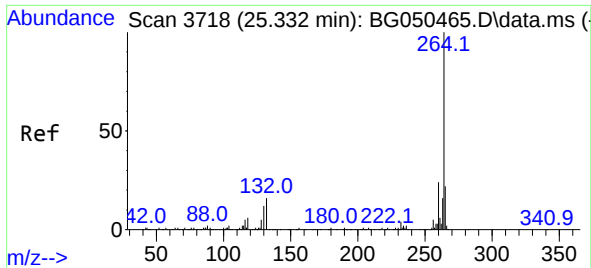
Tgt Ion:240 Resp: 238171
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 26.3 21.8 32.6



#79
Terphenyl-d14
Concen: 84.95 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.007 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

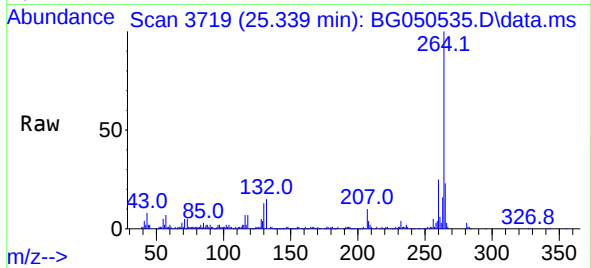
Tgt Ion:244 Resp: 1038250
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 9.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.339 min Scan# 3719
 Delta R.T. 0.007 min
 Lab File: BG050535.D
 Acq: 11 Oct 2021 13:42

Instrument :
 BNA_G
 ClientSampleId :
 IDW-LIQ-COMP-100721RE



Tgt Ion:264 Resp: 244277

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.9	16.9	25.3

