

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055567.D
 Acq On : 11 Nov 2022 15:04
 Operator : CG/JU
 Sample : N5532-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-06

Quant Time: Nov 11 16:31:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

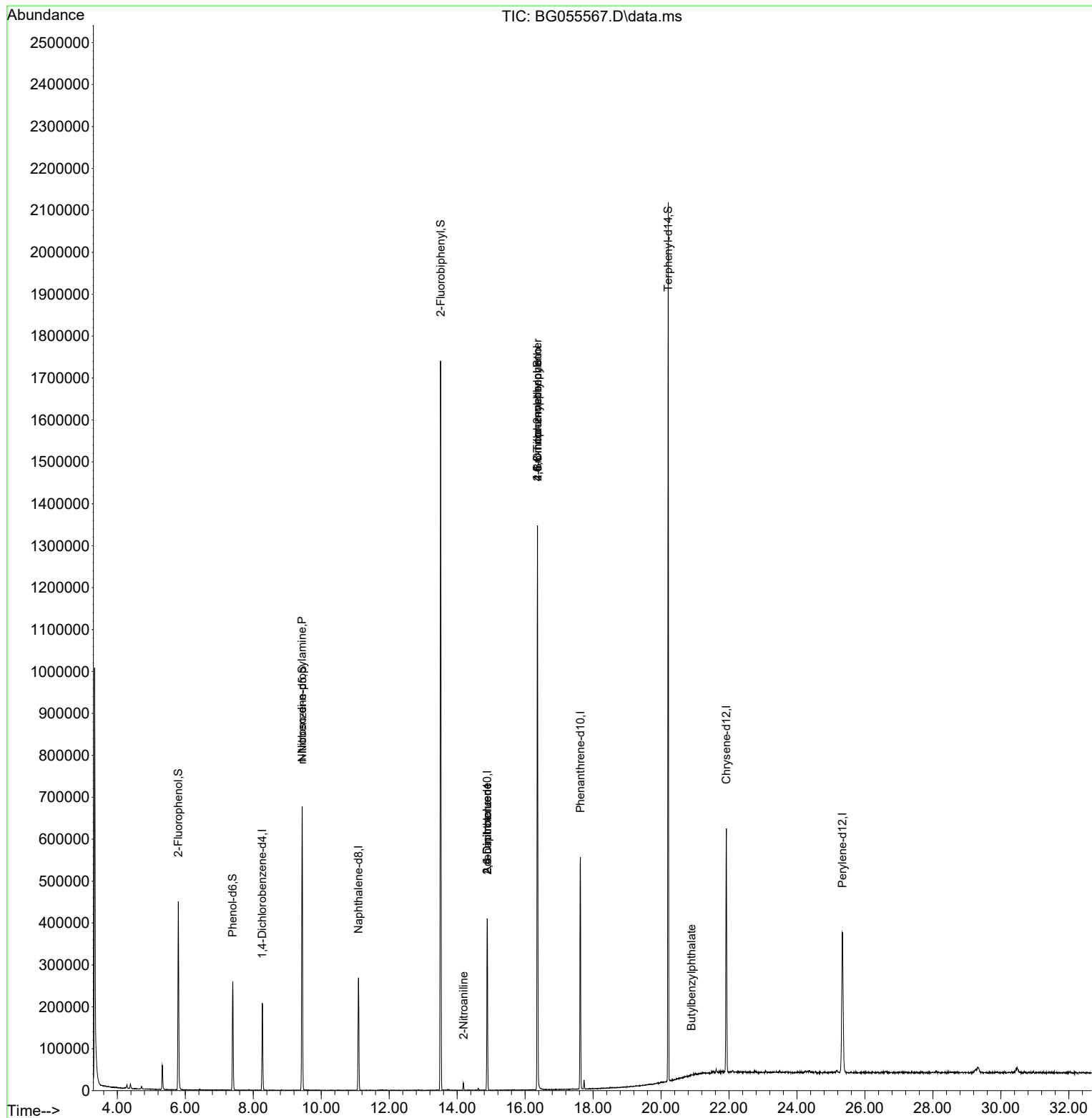
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	60558	20.000	ng	0.00
21) Naphthalene-d8	11.100	136	230609	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	149258	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	355426	20.000	ng	0.00
76) Chrysene-d12	21.922	240	370169	20.000	ng	0.00
86) Perylene-d12	25.336	264	382531	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	199333	62.696	ng	0.00
7) Phenol-d6	7.398	99	144061	32.803	ng	0.00
23) Nitrobenzene-d5	9.443	82	398224	117.065	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	264915	181.908	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	905638	91.523	ng	0.00
79) Terphenyl-d14	20.212	244	990697	53.756	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.437	70	53511	14.743	ng	# 78
48) 2-Nitroaniline	14.190	65	430	3.969	ng	# 29
51) 2,6-Dinitrotoluene	14.883	165	18942	12.029	ng	# 21
57) 2,4-Dinitrotoluene	14.883	165	18942	10.273	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.364	198	695	2.705	ng	# 1
67) 4-Bromophenyl-phenylether	16.364	248	17338	4.782	ng	# 1
80) Butylbenzylphthalate	20.894	149	527	3.416	ng	# 73

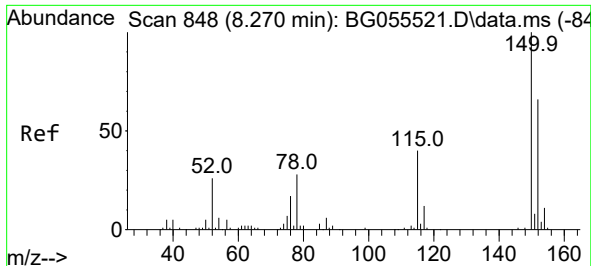
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
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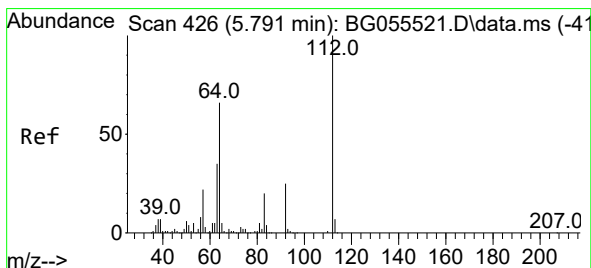
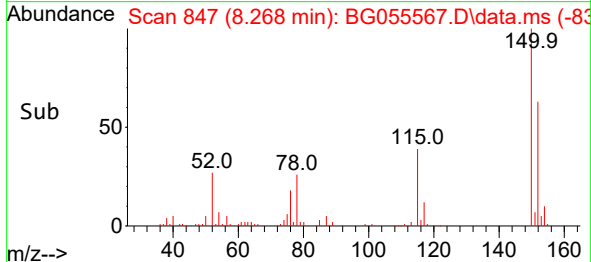
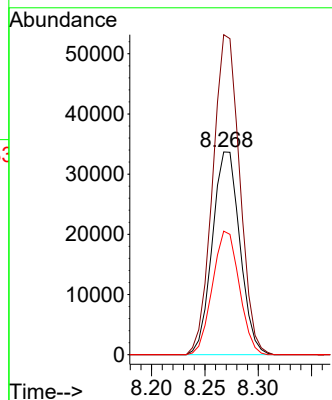
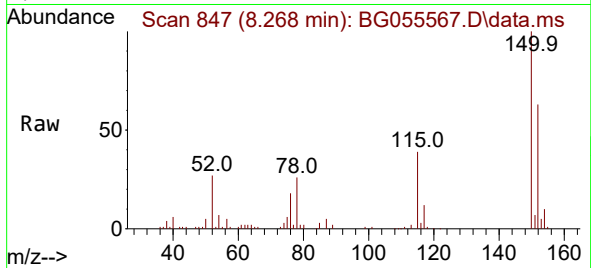




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 847
Delta R.T. -0.002 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

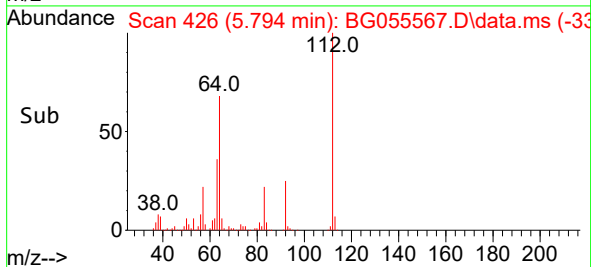
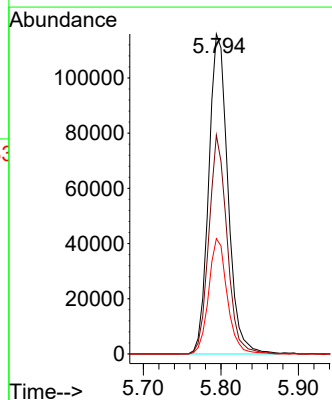
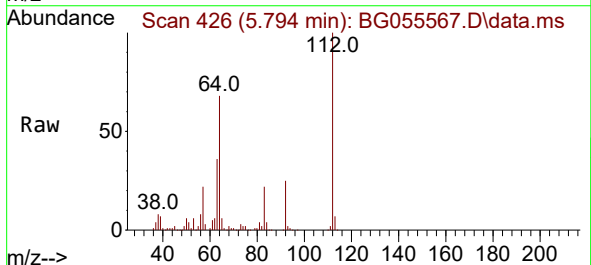
Instrument :
BNA_G
ClientSampleId :
DUP-06

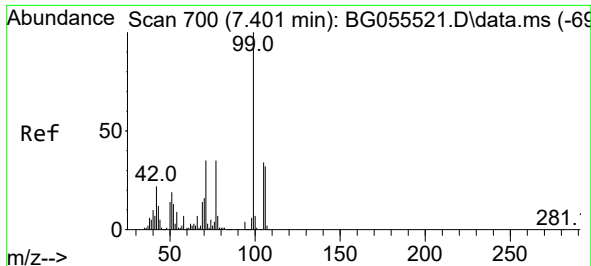
Tgt Ion:152 Resp: 60558
Ion Ratio Lower Upper
152 100
150 157.8 121.0 181.4
115 60.9 47.8 71.8



#5
2-Fluorophenol
Concen: 62.696 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion:112 Resp: 199333
Ion Ratio Lower Upper
112 100
64 68.4 52.6 78.8
63 36.1 28.3 42.5

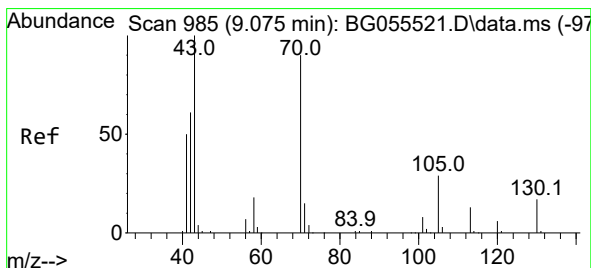
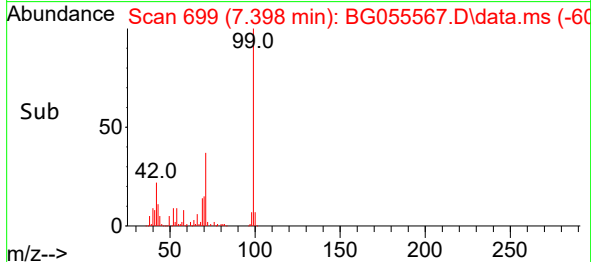
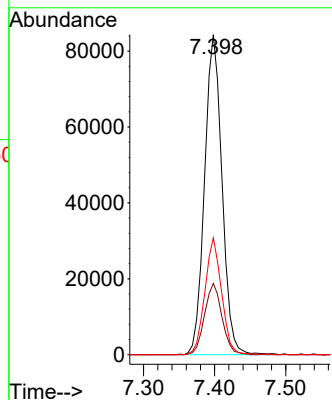
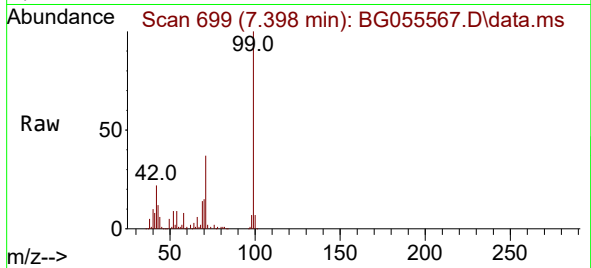




#7
Phenol-d6
Concen: 32.803 ng
RT: 7.398 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

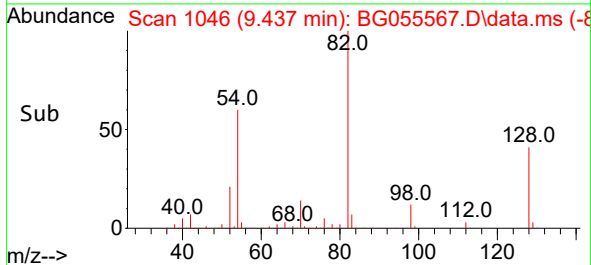
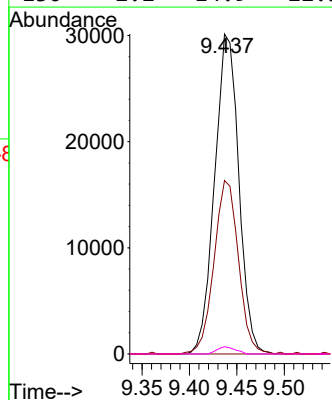
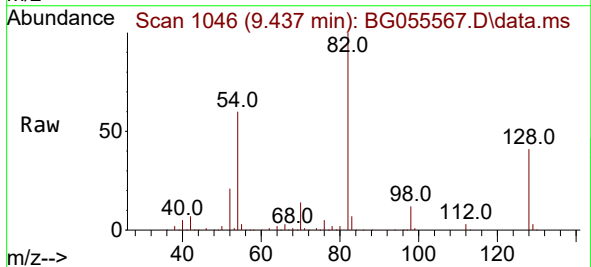
Instrument :
BNA_G
ClientSampleId :
DUP-06

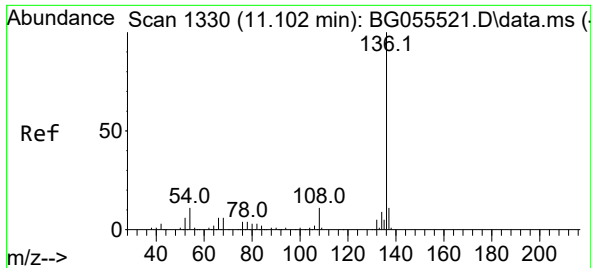
Tgt Ion: 99 Resp: 144061
Ion Ratio Lower Upper
99 100
42 22.2 17.5 26.3
71 36.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.743 ng
RT: 9.437 min Scan# 1046
Delta R.T. 0.362 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion: 70 Resp: 53511
Ion Ratio Lower Upper
70 100
42 54.2 54.8 82.2#
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#

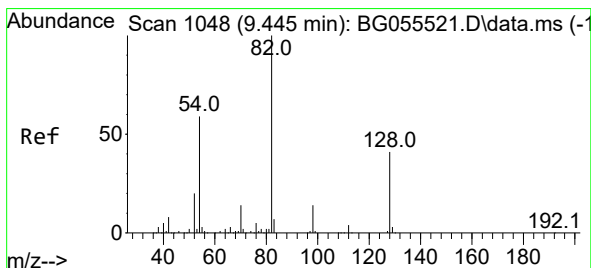
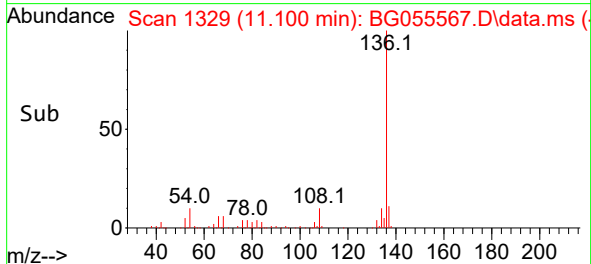
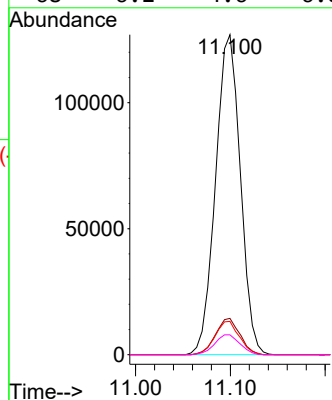
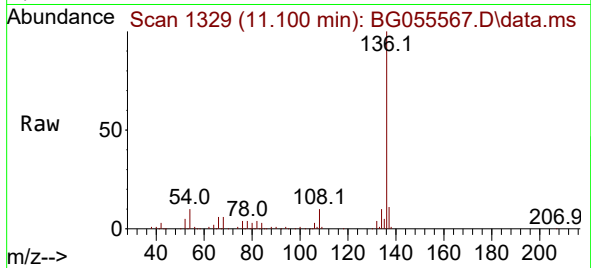




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

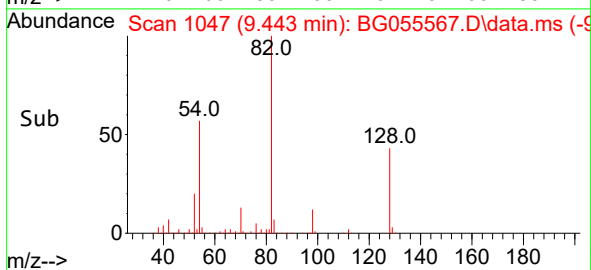
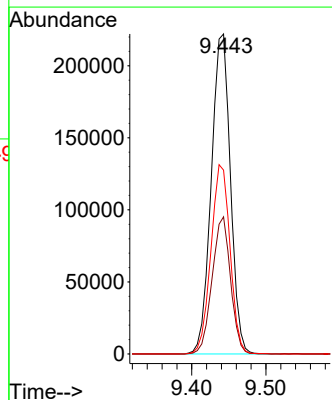
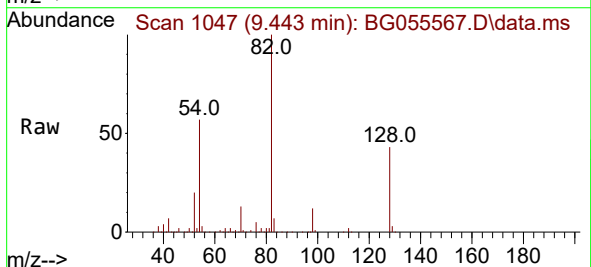
Instrument :
BNA_G
ClientSampleId :
DUP-06

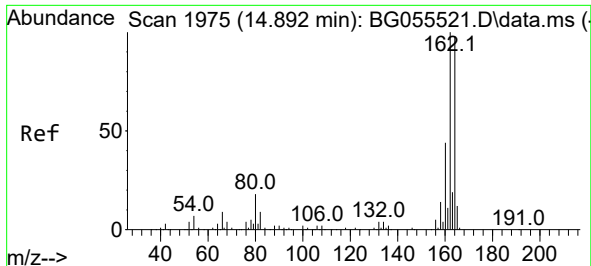
Tgt Ion:136 Resp: 230609
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.4 8.6 12.8
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 117.065 ng
RT: 9.443 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion: 82 Resp: 398224
Ion Ratio Lower Upper
82 100
128 42.9 32.6 49.0
54 57.5 47.3 70.9

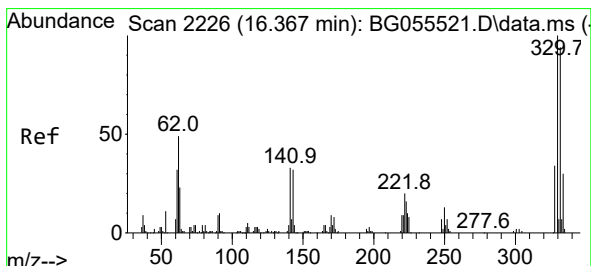
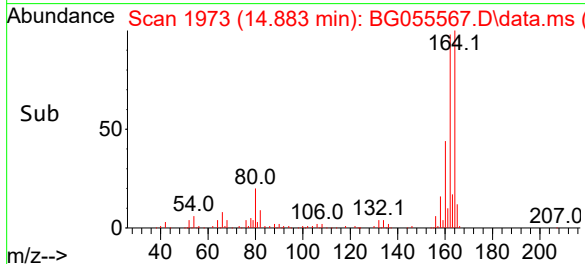
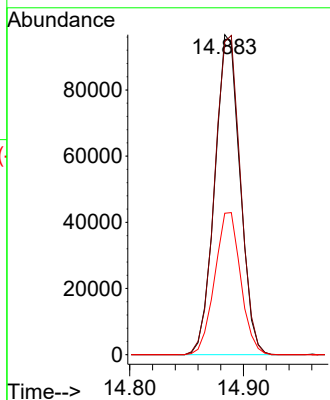
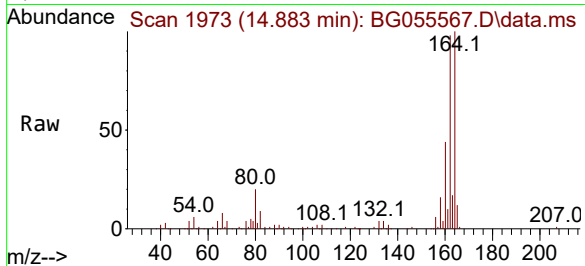




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

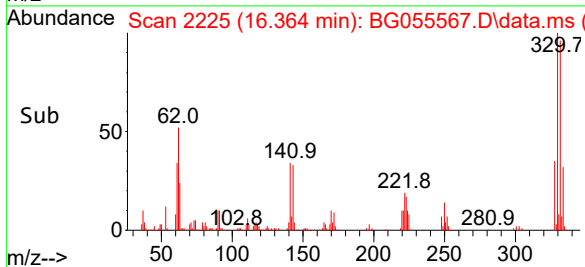
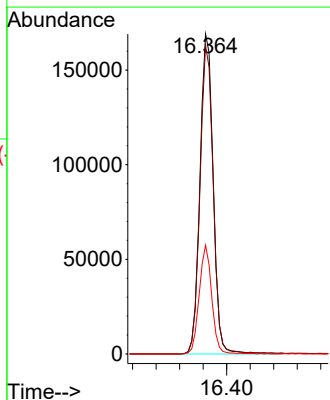
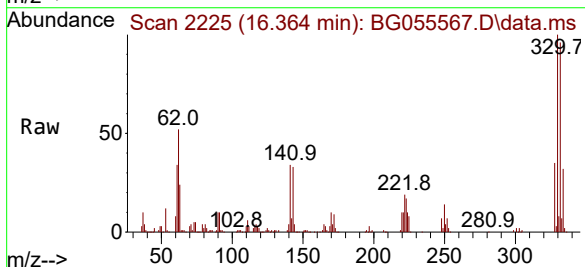
Instrument :
BNA_G
ClientSampleId :
DUP-06

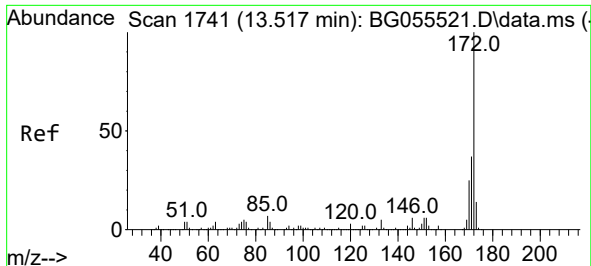
Tgt Ion:164 Resp: 149258
Ion Ratio Lower Upper
164 100
162 97.8 81.3 121.9
160 44.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 181.908 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion:330 Resp: 264915
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 32.1 25.4 38.2

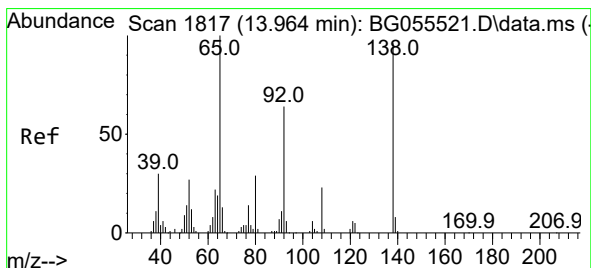
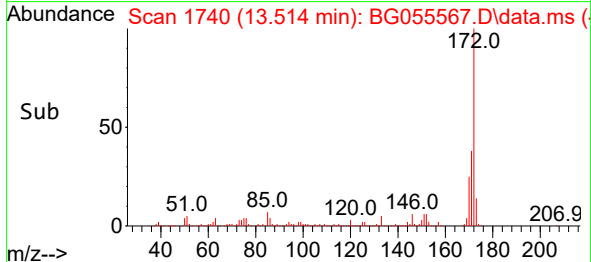
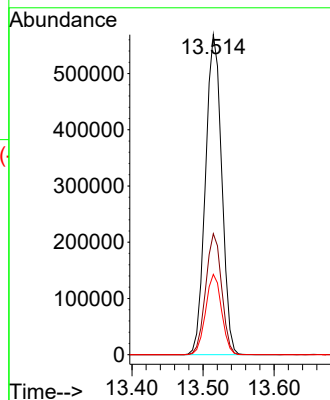
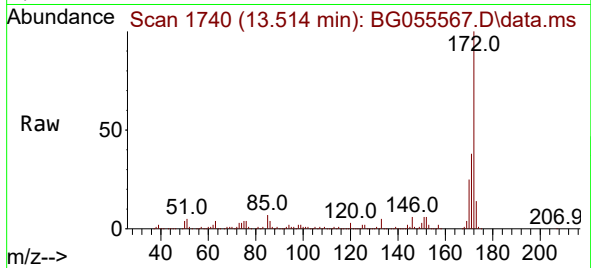




#45
2-Fluorobiphenyl
Concen: 91.523 ng
RT: 13.514 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

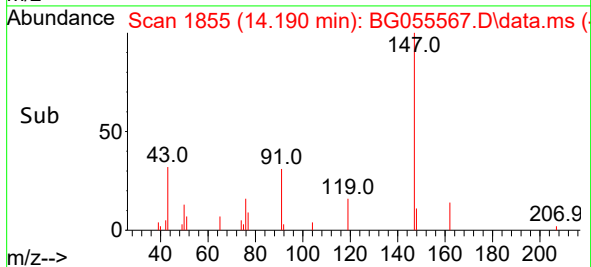
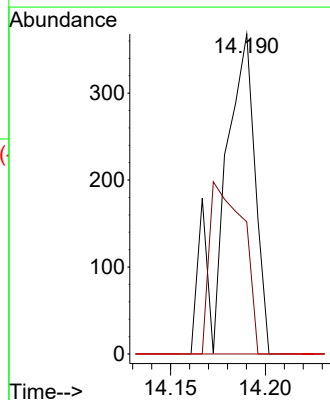
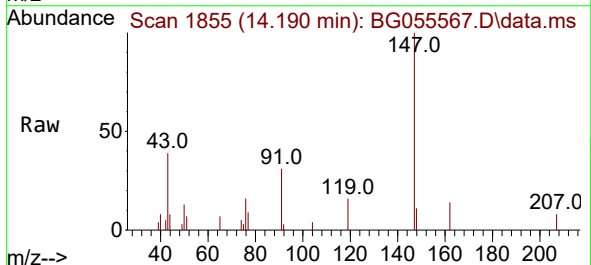
Instrument :
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ClientSampleId :
DUP-06

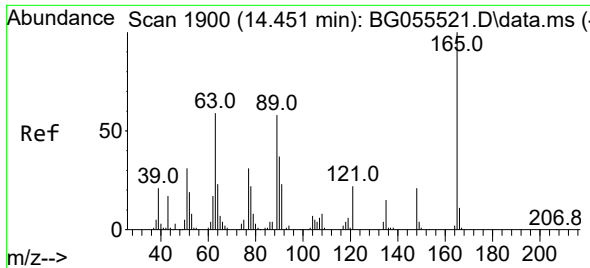
Tgt Ion:172 Resp: 905638
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.1 19.8 29.6



#48
2-Nitroaniline
Concen: 3.969 ng
RT: 14.190 min Scan# 1855
Delta R.T. 0.226 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion: 65 Resp: 430
Ion Ratio Lower Upper
65 100
92 41.3 51.6 77.4#
138 0.0 77.0 115.4#

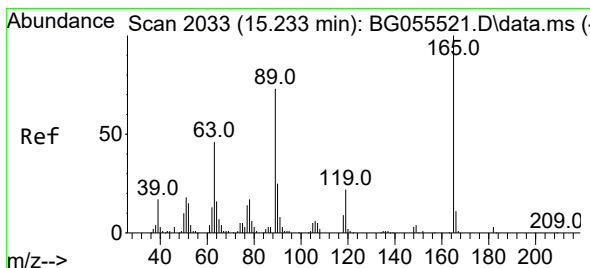
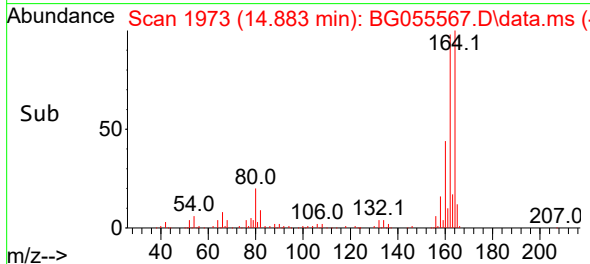
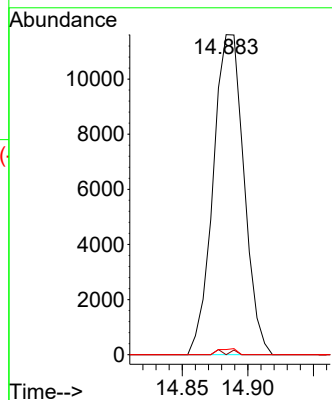
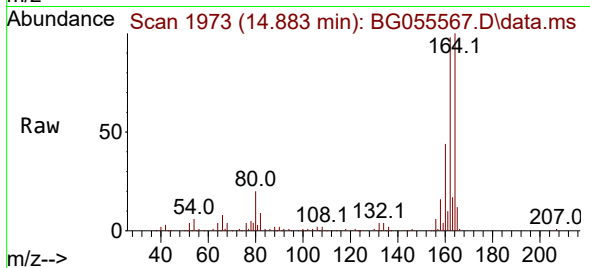




#51
2,6-Dinitrotoluene
Concen: 12.029 ng
RT: 14.883 min Scan# 1900
Delta R.T. 0.432 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

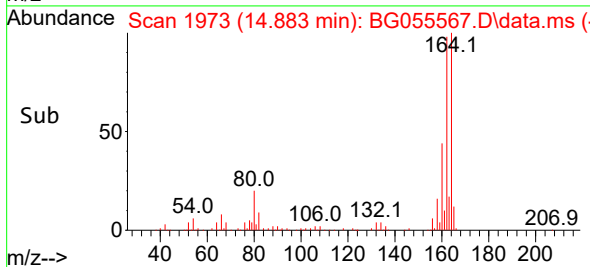
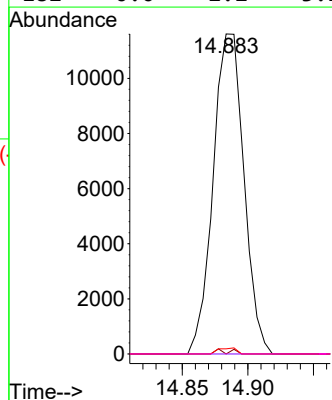
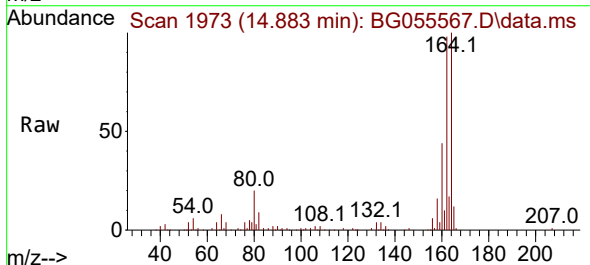
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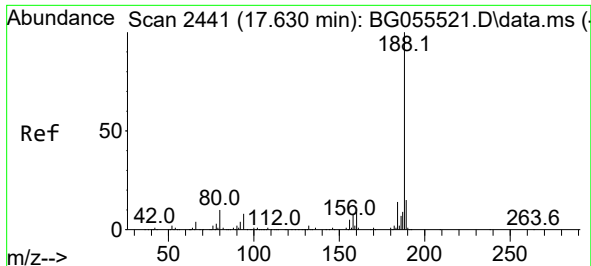
Tgt Ion:165 Resp: 18942
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.6 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.273 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.350 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion:165 Resp: 18942
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.6 58.6 87.8#
182 0.0 2.2 3.2#

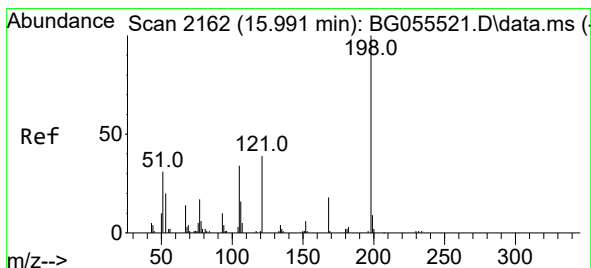
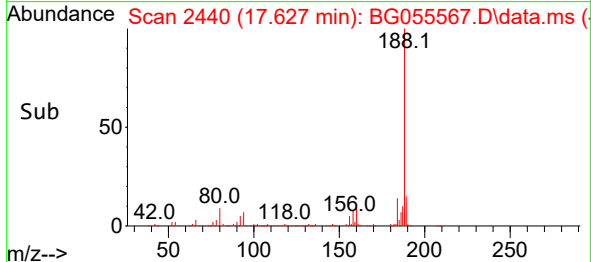
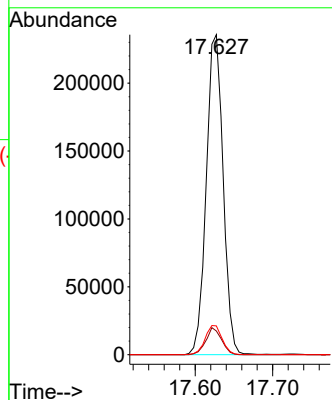
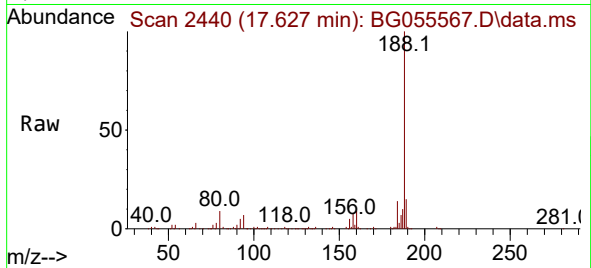




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

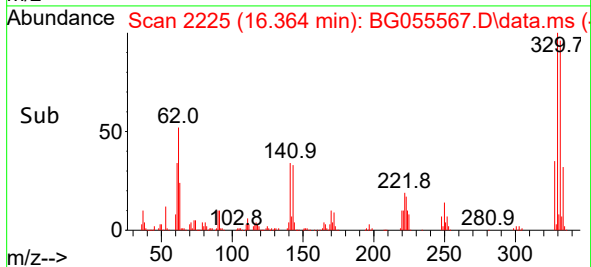
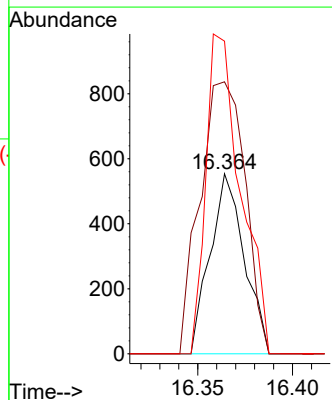
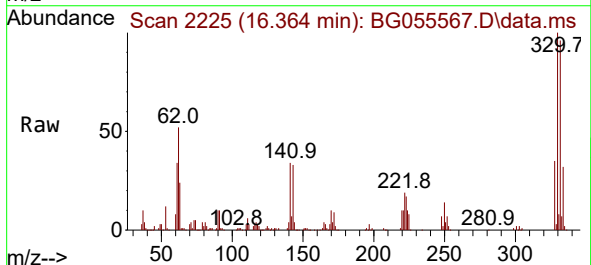
Instrument :
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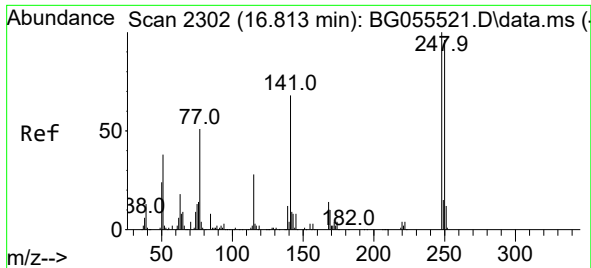
Tgt Ion:188 Resp: 355426
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 9.0 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.705 ng
RT: 16.364 min Scan# 2225
Delta R.T. 0.373 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion:198 Resp: 695
Ion Ratio Lower Upper
198 100
51 151.1 24.7 64.7#
105 173.6 17.6 57.6#

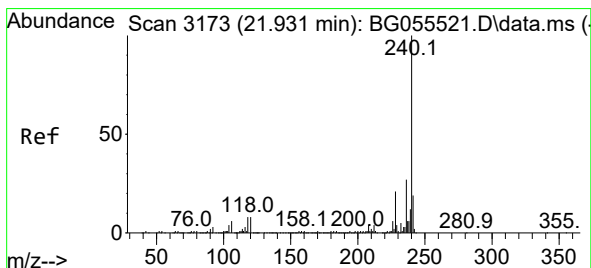
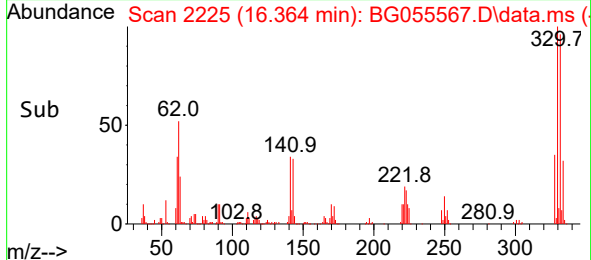
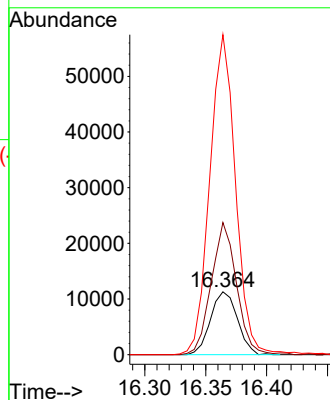
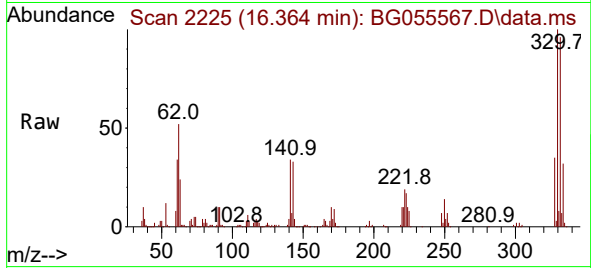




#67
4-Bromophenyl-phenylether
Concen: 4.782 ng
RT: 16.364 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

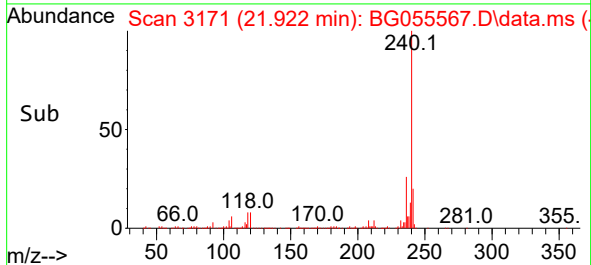
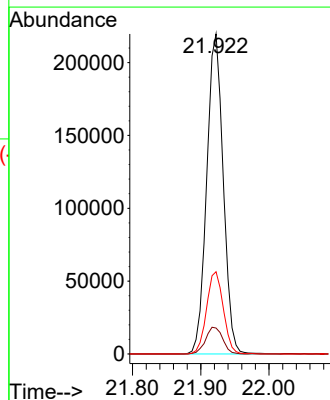
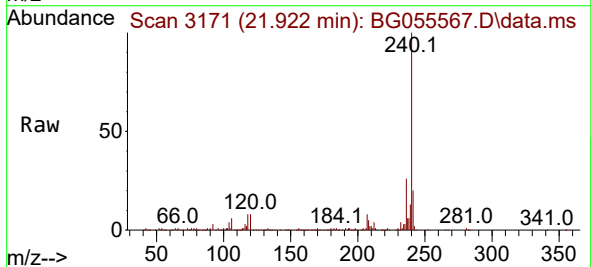
Instrument :
BNA_G
ClientSampleId :
DUP-06

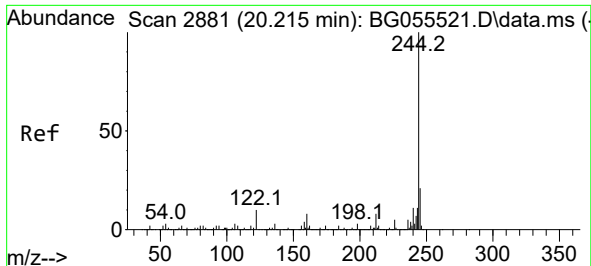
Tgt Ion:248 Resp: 17338
Ion Ratio Lower Upper
248 100
250 268.4 76.9 115.3#
141 508.9 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BG055567.D
Acq: 11 Nov 2022 15:04

Tgt Ion:240 Resp: 370169
Ion Ratio Lower Upper
240 100
120 8.1 6.1 9.1
236 25.7 21.4 32.0

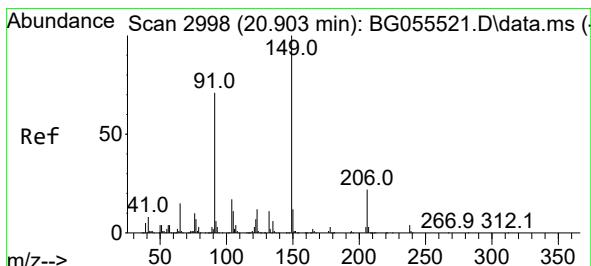
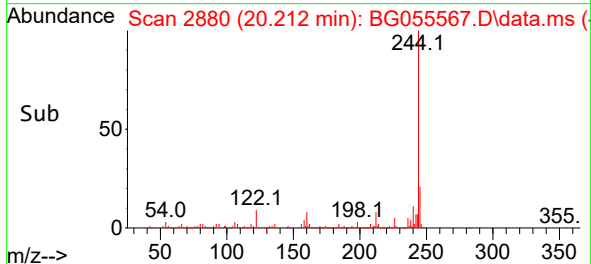
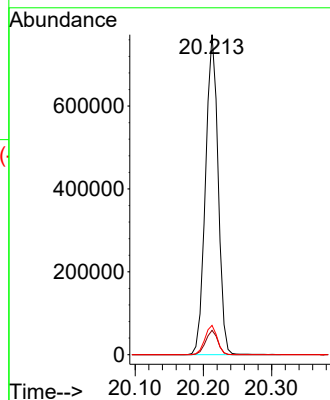
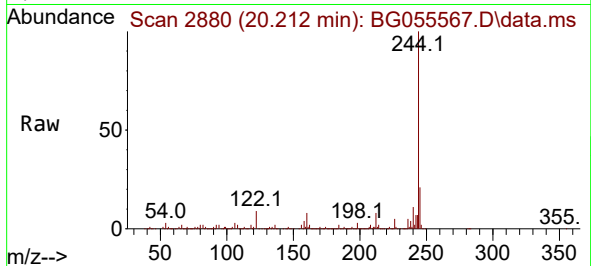




#79
 Terphenyl-d14
 Concen: 53.756 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055567.D
 Acq: 11 Nov 2022 15:04

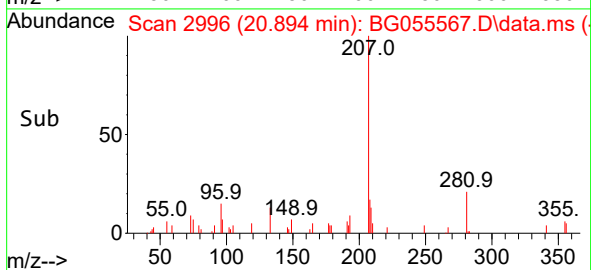
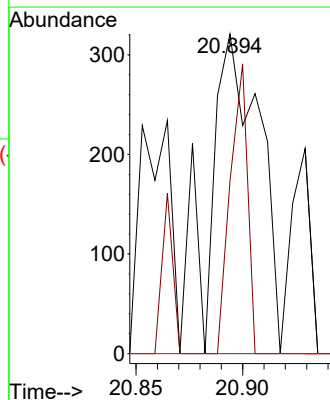
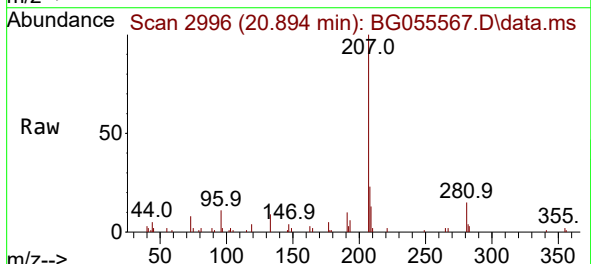
Instrument :
 BNA_G
 ClientSampleId :
 DUP-06

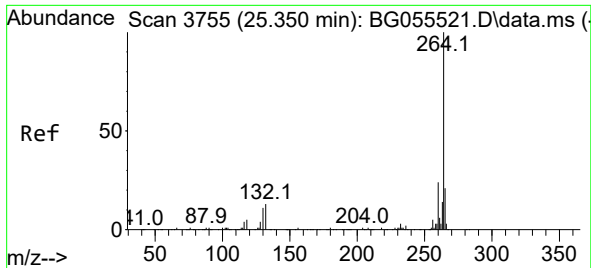
Tgt Ion:244 Resp: 990697
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.416 ng
 RT: 20.894 min Scan# 2996
 Delta R.T. -0.009 min
 Lab File: BG055567.D
 Acq: 11 Nov 2022 15:04

Tgt Ion:149 Resp: 527
 Ion Ratio Lower Upper
 149 100
 91 53.9 56.8 85.2#
 206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.336 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG055567.D
 Acq: 11 Nov 2022 15:04

Instrument :
 BNA_G
 ClientSampleId :
 DUP-06

Tgt Ion:264 Resp: 382531
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.3 17.1 25.7

