

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055739.D
 Acq On : 22 Nov 2022 14:17
 Operator : CG/JU
 Sample : N5642-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEFT-SIDE-FLATS-30

Quant Time: Nov 23 01:38:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

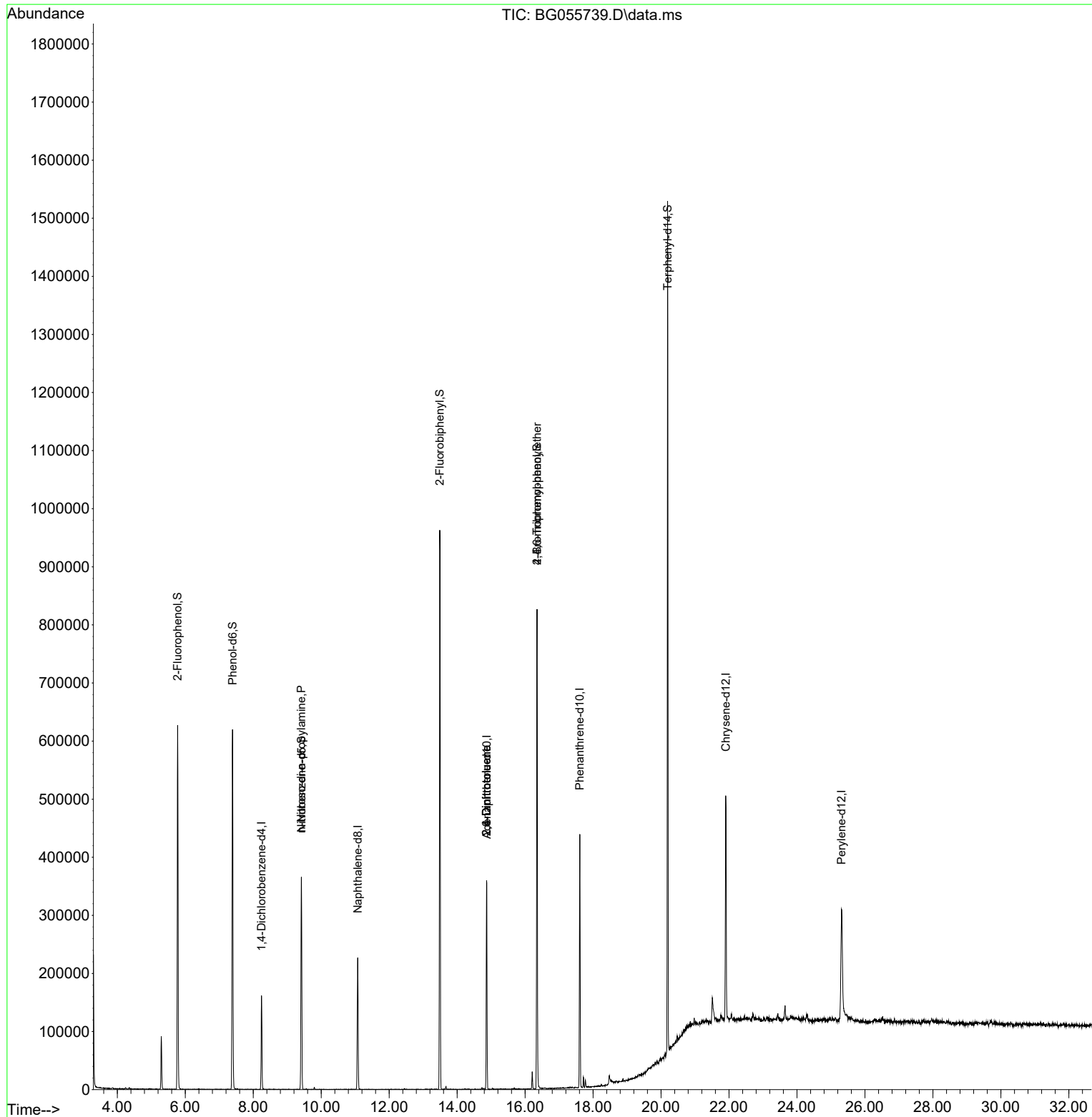
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	45848	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	195568	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	132711	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	281317	20.000	ng	0.00
76) Chrysene-d12	21.904	240	258285	20.000	ng	0.00
86) Perylene-d12	25.312	264	257245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.776	112	272030	107.246	ng	0.00
7) Phenol-d6	7.392	99	352957	104.533	ng	0.00
23) Nitrobenzene-d5	9.419	82	225526	60.951	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	171350	91.693	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	515398	58.181	ng	0.00
79) Terphenyl-d14	20.195	244	735473	56.954	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.413	70	30240	11.656	ng	# 78
51) 2,6-Dinitrotoluene	14.866	165	17612	8.142	ng	# 24
57) 2,4-Dinitrotoluene	14.866	165	17612	5.775	ng	# 22
67) 4-Bromophenyl-phenylether	16.352	248	10876	3.393	ng	# 1

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

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Quant Time: Nov 23 01:38:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

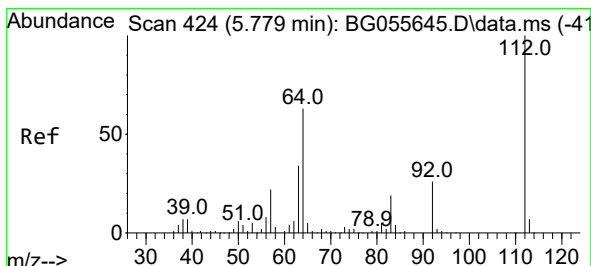
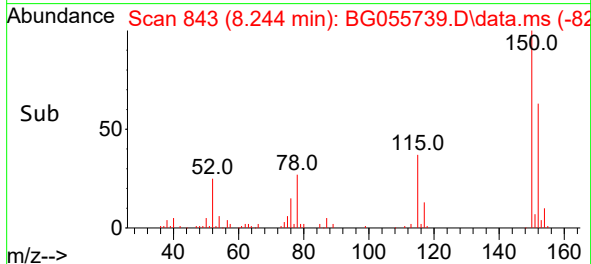
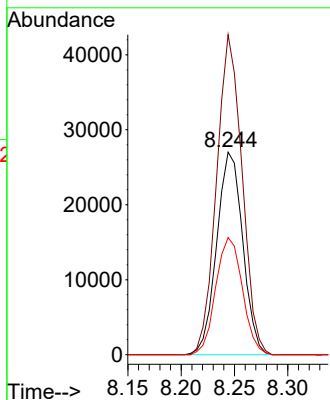
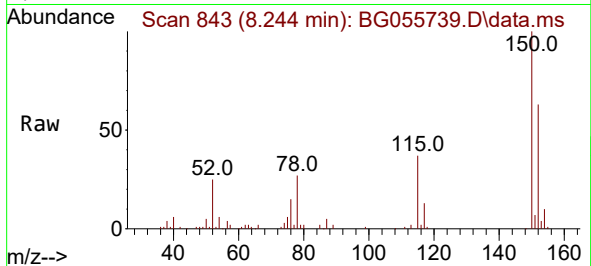




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

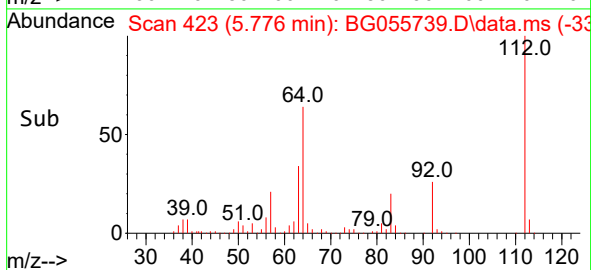
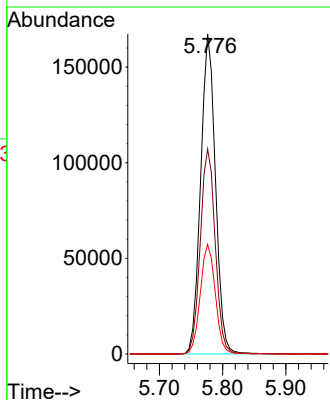
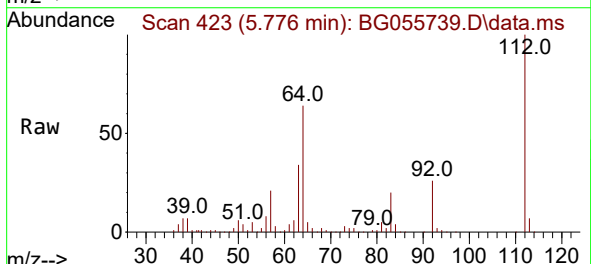
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-30

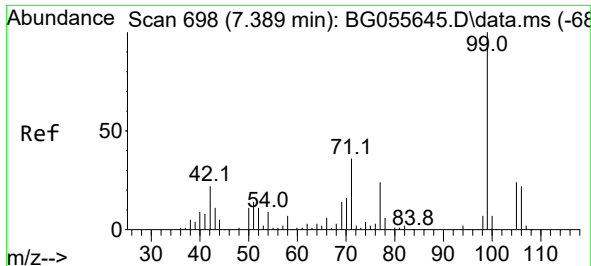
Tgt Ion:152 Resp: 45848
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.6
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 107.246 ng
RT: 5.776 min Scan# 423
Delta R.T. 0.004 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

Tgt Ion:112 Resp: 272030
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 34.2 27.5 41.3

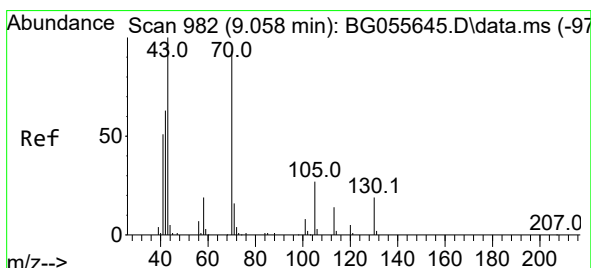
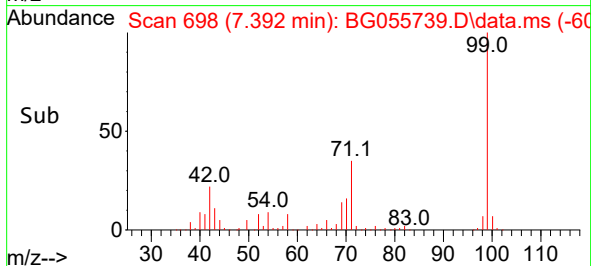
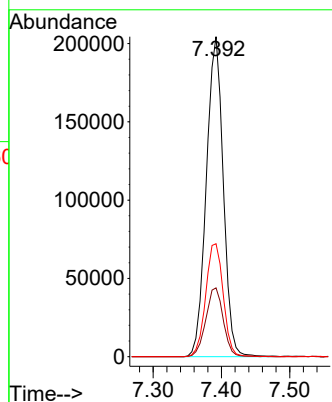
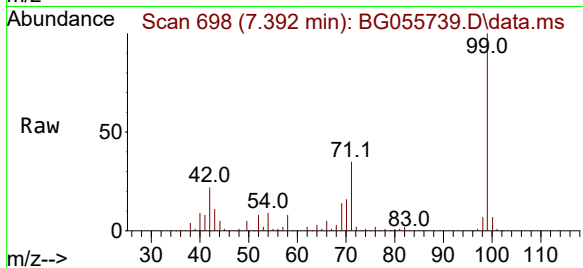




#7
Phenol-d6
Concen: 104.533 ng
RT: 7.392 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

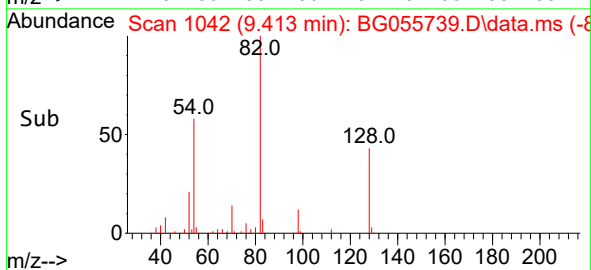
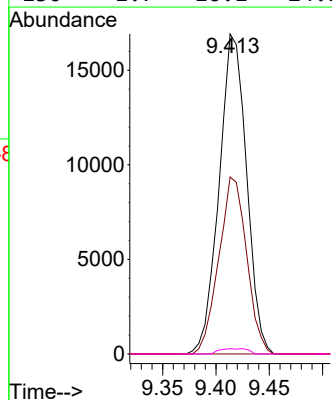
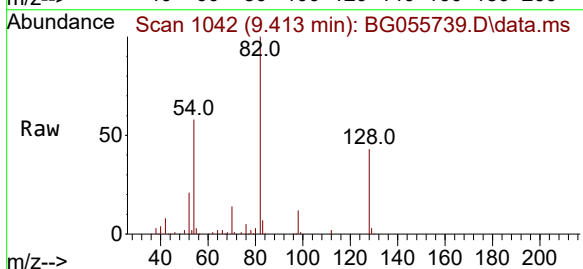
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-30

Tgt Ion: 99 Resp: 352957
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 35.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.656 ng
RT: 9.413 min Scan# 1042
Delta R.T. 0.368 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

Tgt Ion: 70 Resp: 30240
Ion Ratio Lower Upper
70 100
42 55.3 55.2 82.8
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

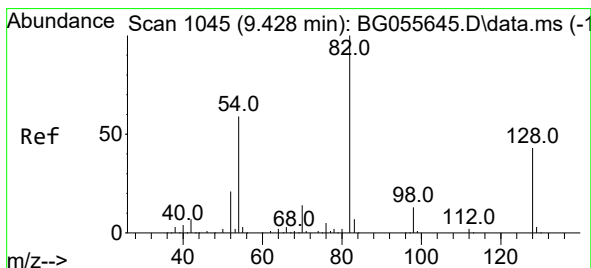
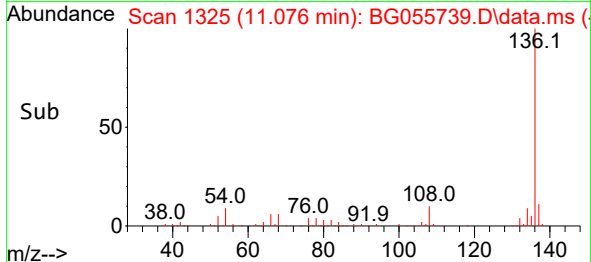
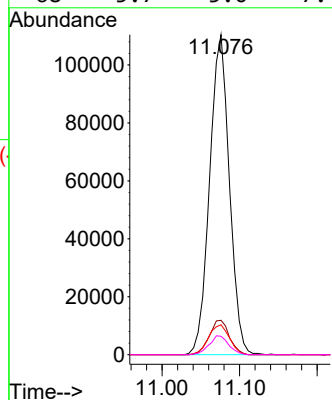
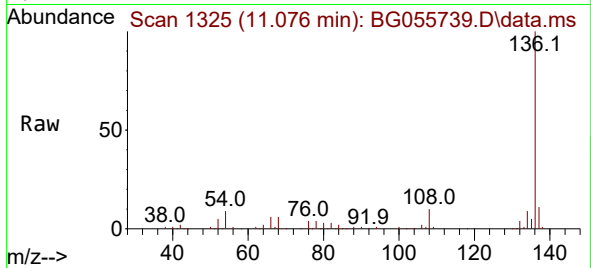




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

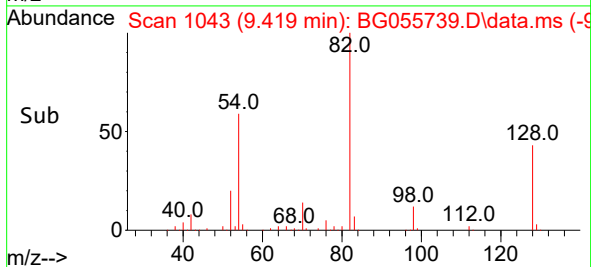
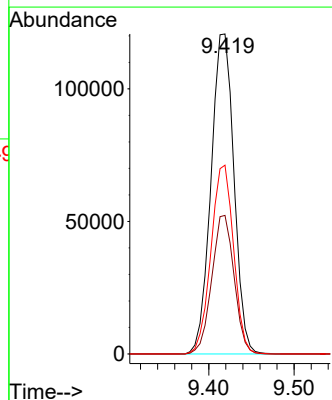
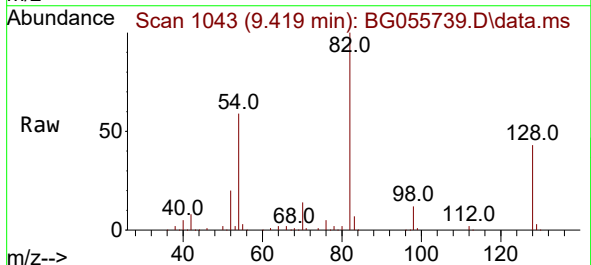
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-30

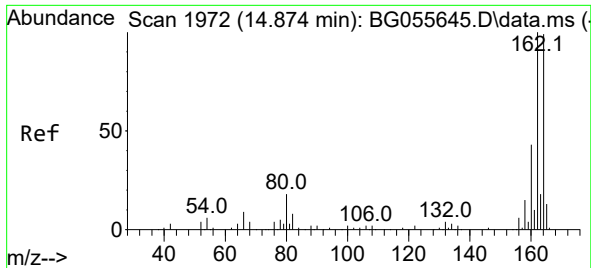
Tgt Ion:	136	Resp:	195568
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.4	7.8	11.6
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.951 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.004 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

Tgt Ion:	82	Resp:	225526
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.1	51.1
54	59.0	47.3	70.9

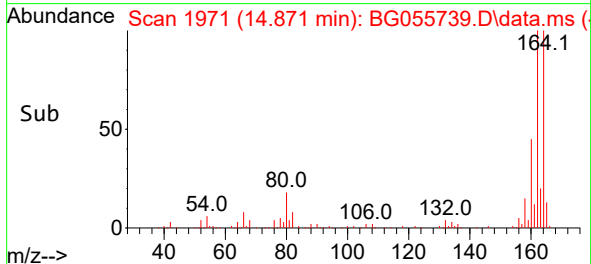
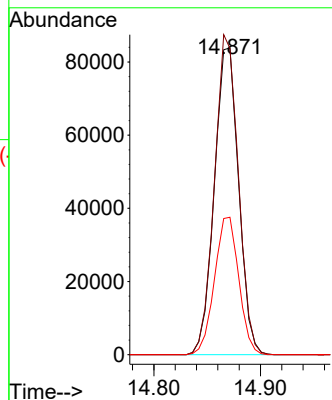
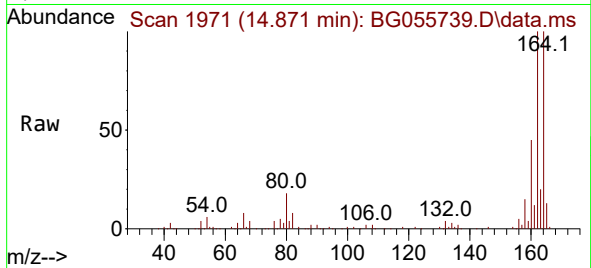




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1972
Delta R.T. 0.004 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

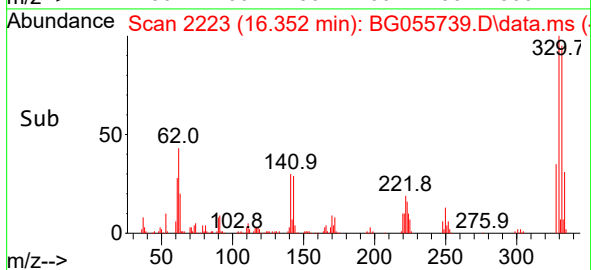
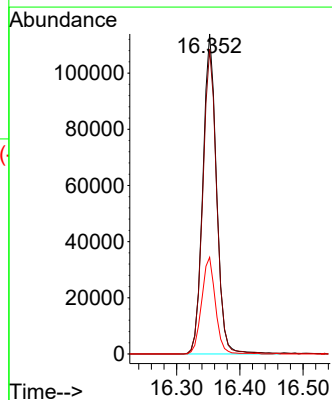
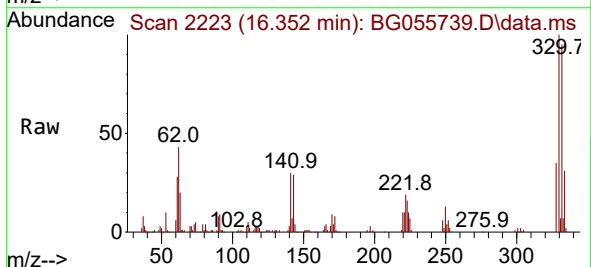
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-30

Tgt Ion:164 Resp: 132711
Ion Ratio Lower Upper
164 100
162 99.8 81.1 121.7
160 44.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 91.693 ng
RT: 16.352 min Scan# 2223
Delta R.T. 0.004 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

Tgt Ion:330 Resp: 171350
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 30.5 23.9 35.9

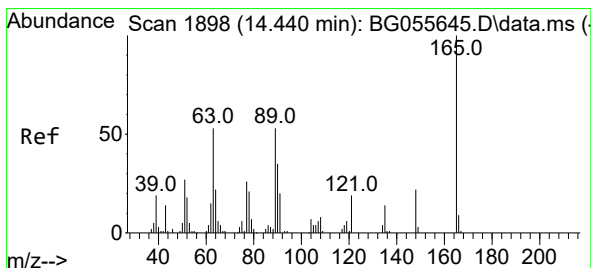
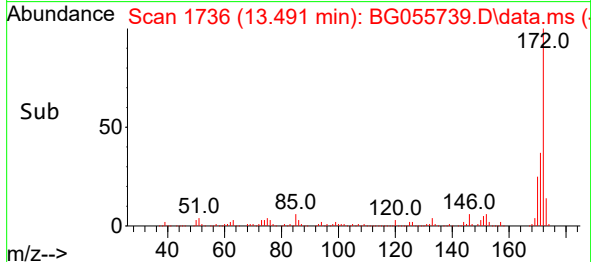
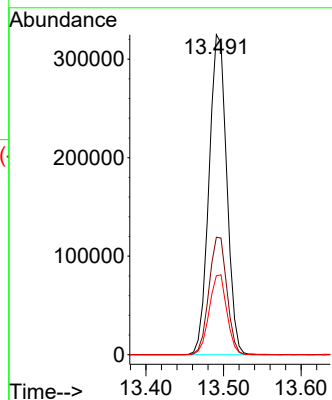
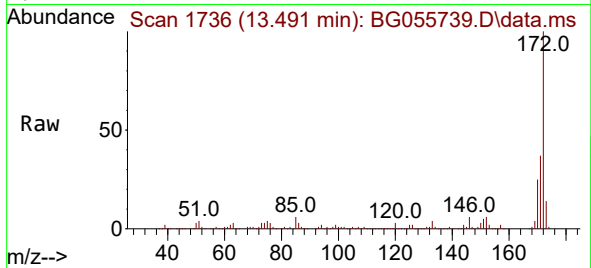




#45
2-Fluorobiphenyl
Concen: 58.181 ng
RT: 13.491 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

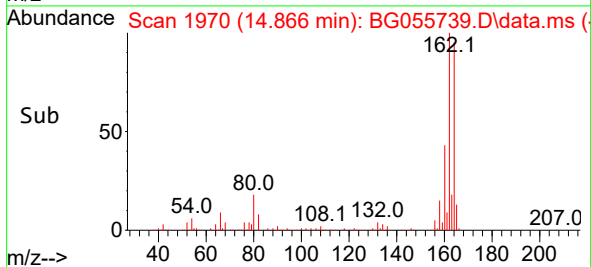
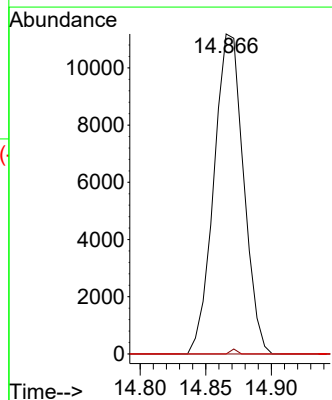
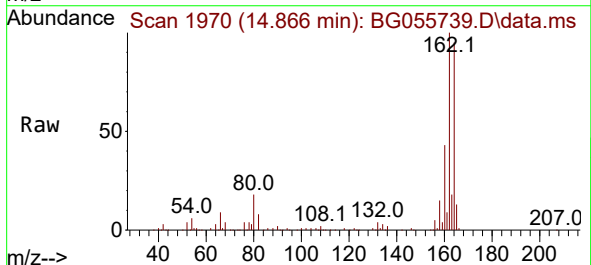
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-30

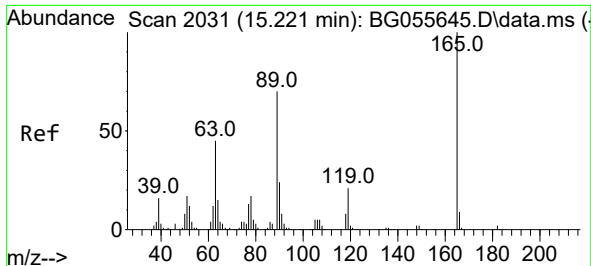
Tgt Ion:172 Resp: 515398
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.142 ng
RT: 14.866 min Scan# 1970
Delta R.T. 0.433 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

Tgt Ion:165 Resp: 17612
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.775 ng

RT: 14.866 min Scan# 14

Delta R.T. -0.354 min

Lab File: BG055739.D

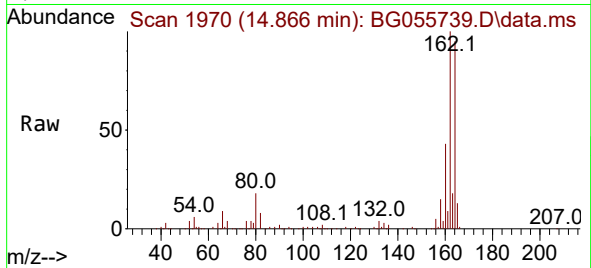
Acq: 22 Nov 2022 14:17

Instrument :

BNA_G

ClientSampleId :

LEFT-SIDE-FLATS-30



Tgt Ion:165 Resp: 17612

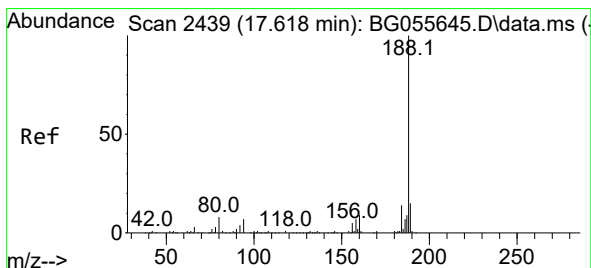
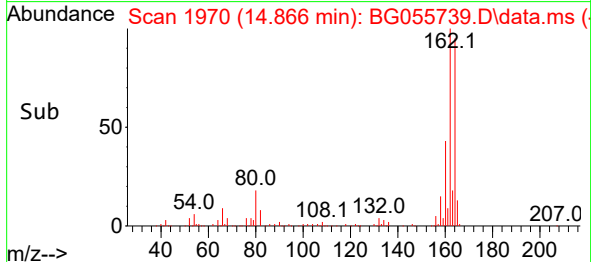
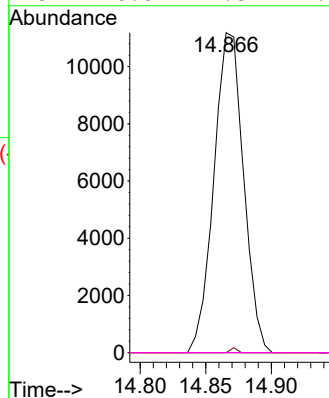
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.609 min Scan# 2437

Delta R.T. 0.004 min

Lab File: BG055739.D

Acq: 22 Nov 2022 14:17

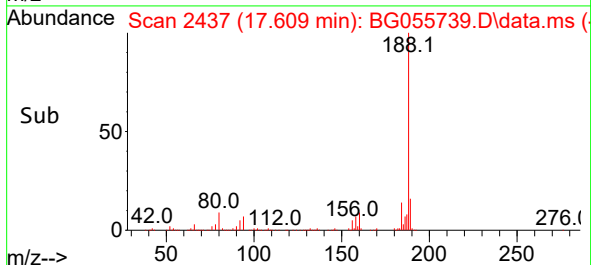
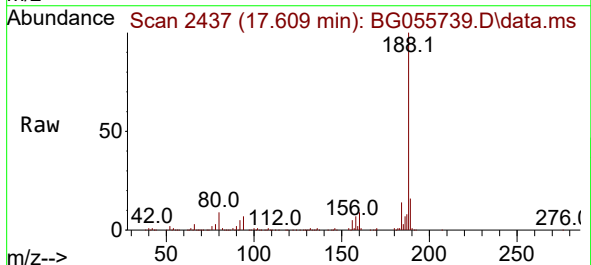
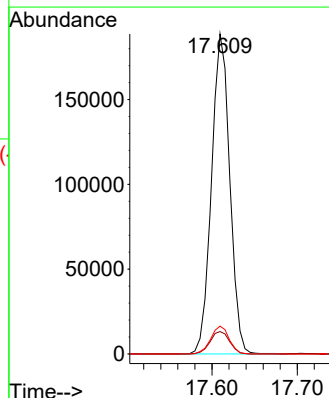
Tgt Ion:188 Resp: 281317

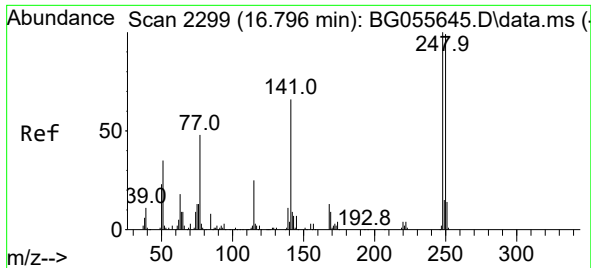
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.7 6.6 10.0

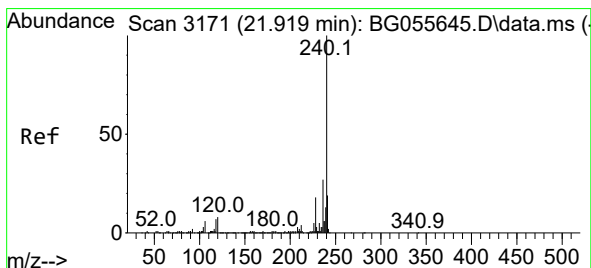
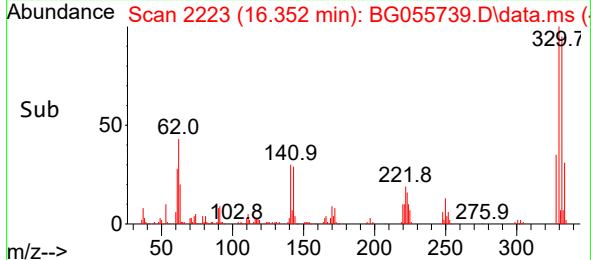
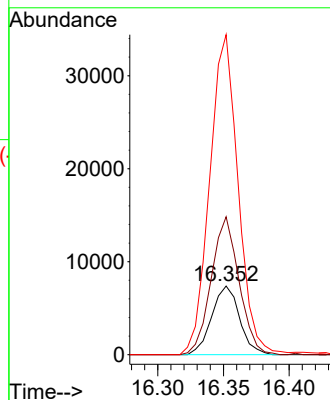
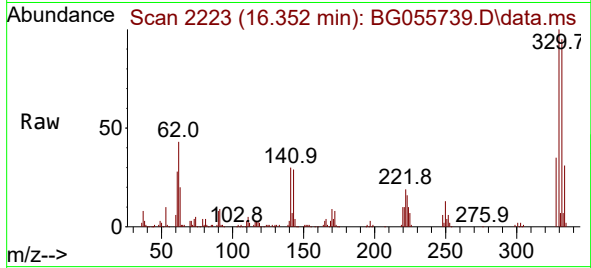




#67
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 16.352 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

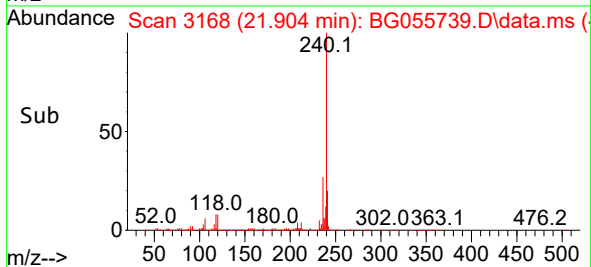
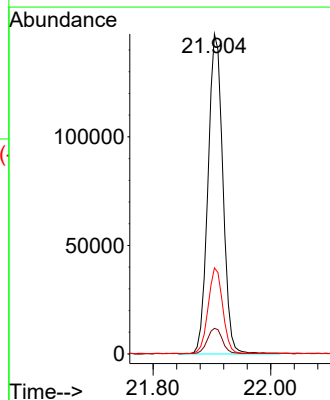
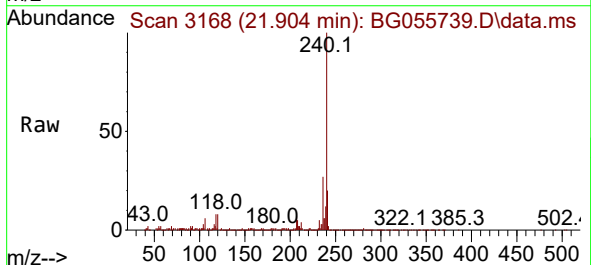
Instrument :
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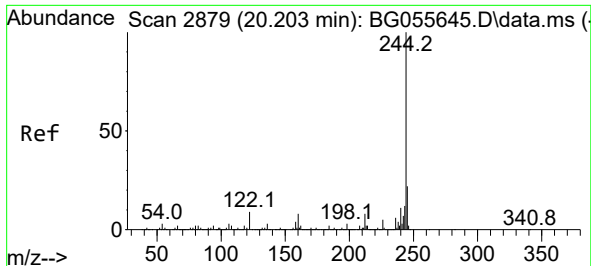
Tgt Ion:248 Resp: 10876
Ion Ratio Lower Upper
248 100
250 200.9 79.0 118.4#
141 466.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.904 min Scan# 3168
Delta R.T. -0.002 min
Lab File: BG055739.D
Acq: 22 Nov 2022 14:17

Tgt Ion:240 Resp: 258285
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.9 21.9 32.9

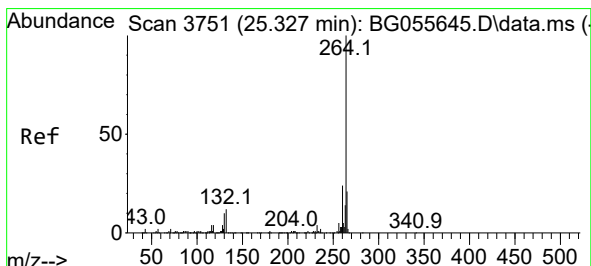
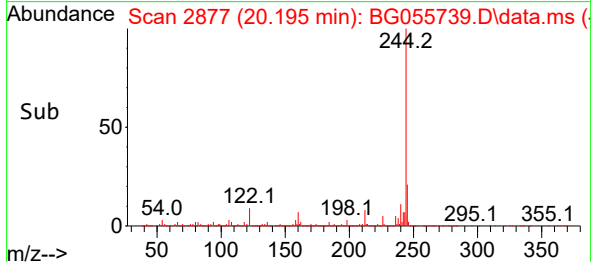
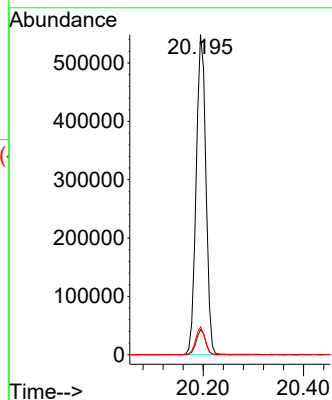
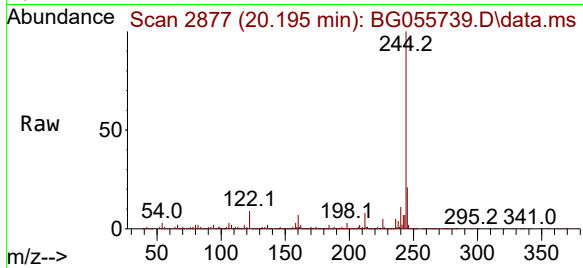




#79
 Terphenyl-d14
 Concen: 56.954 ng
 RT: 20.195 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG055739.D
 Acq: 22 Nov 2022 14:17

Instrument :
 BNA_G
 ClientSampleId :
 LEFT-SIDE-FLATS-30

Tgt Ion:244 Resp: 735473
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.312 min Scan# 3748
 Delta R.T. 0.010 min
 Lab File: BG055739.D
 Acq: 22 Nov 2022 14:17

Tgt Ion:264 Resp: 257245
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.8 17.1 25.7

