

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055744.D
 Acq On : 22 Nov 2022 17:54
 Operator : CG/JU
 Sample : N5642-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEFT-SIDE-FLATS-31

Quant Time: Nov 23 01:39:33 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)

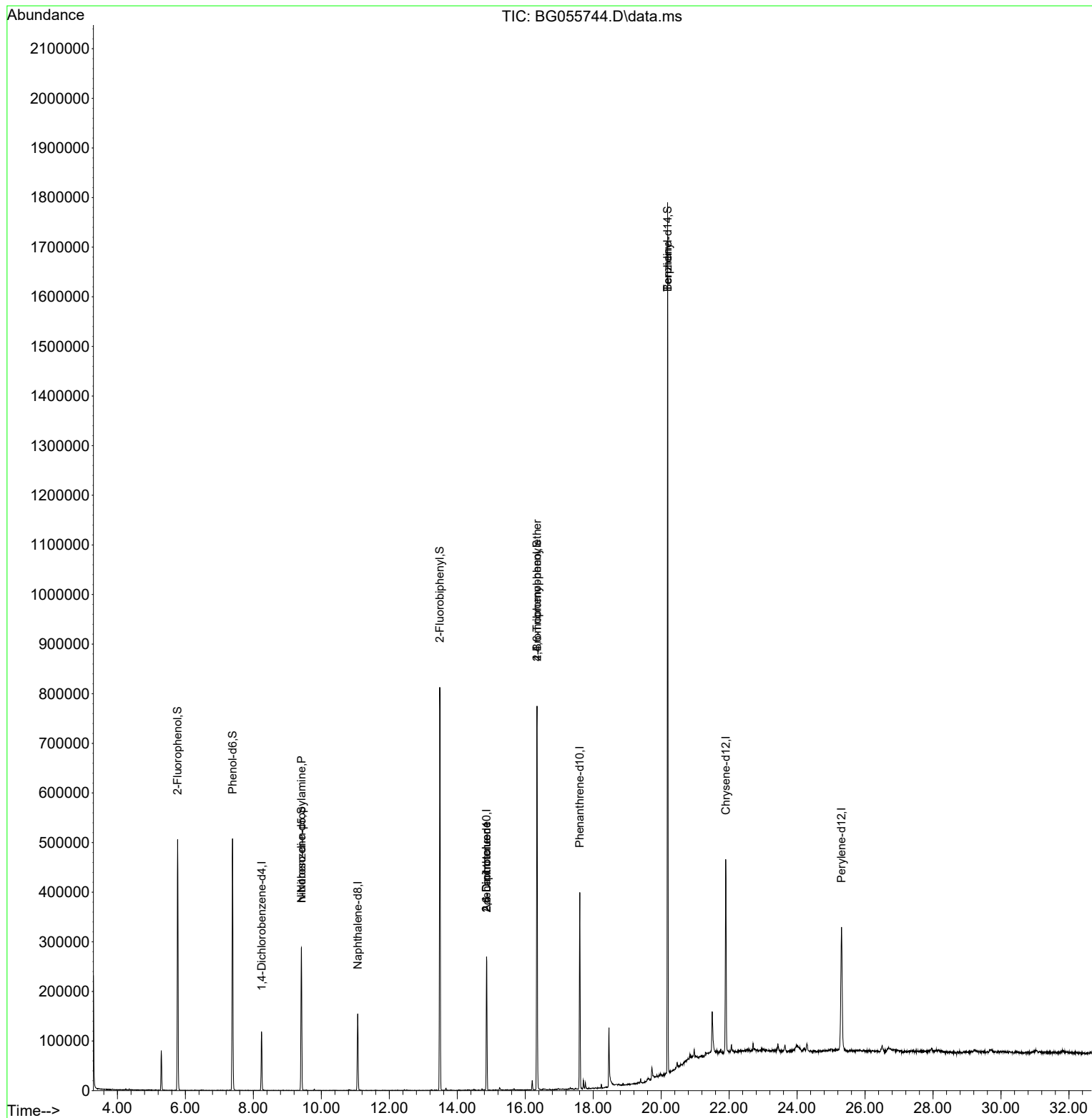
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	33756	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	134399	20.000	ng	0.00
39) Acenaphthene-d10	14.863	164	99230	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	255677	20.000	ng	0.00
76) Chrysene-d12	21.901	240	250363	20.000	ng	0.00
86) Perylene-d12	25.309	264	263997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	215766	115.535	ng	0.00
7) Phenol-d6	7.389	99	279757	112.534	ng	0.00
23) Nitrobenzene-d5	9.416	82	170418	67.020	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	163489	117.005	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	429429	64.833	ng	0.00
79) Terphenyl-d14	20.192	244	838637	66.998	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	23009	12.046	ng	# 75
51) 2,6-Dinitrotoluene	14.863	165	13131	8.119	ng	# 24
57) 2,4-Dinitrotoluene	14.863	165	13131	5.758	ng	# 22
67) 4-Bromophenyl-phenylether	16.349	248	10699	3.673	ng	# 1
77) Benzidine	20.192	184	12767	2.204	ng	# 89

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

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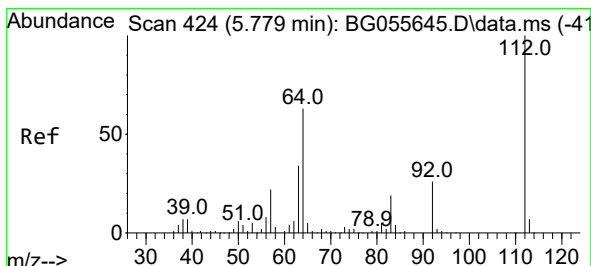
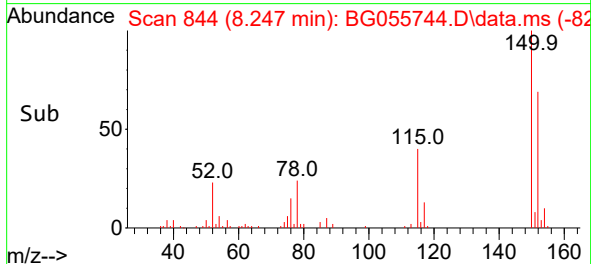
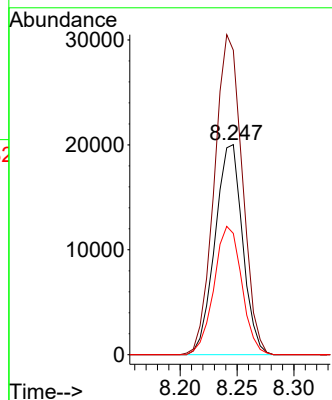
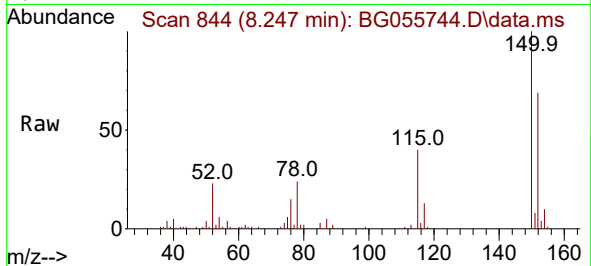




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 845
Delta R.T. 0.001 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

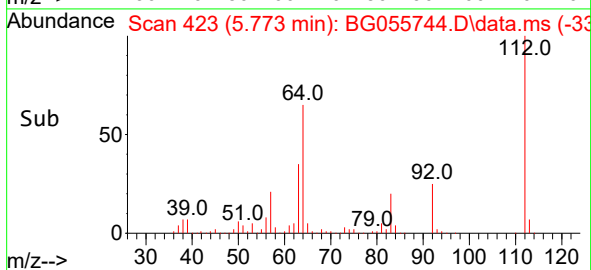
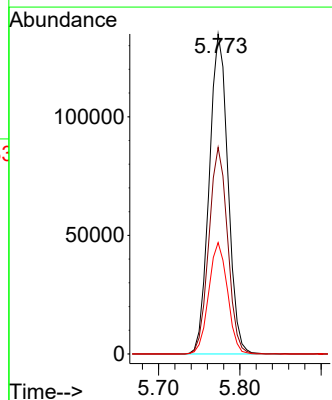
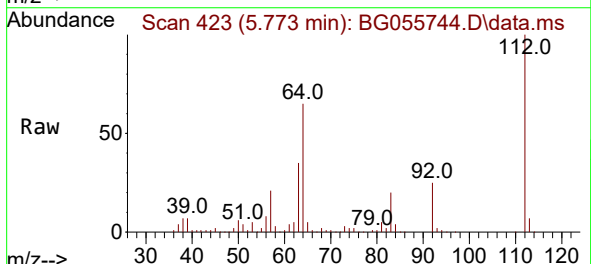
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-31

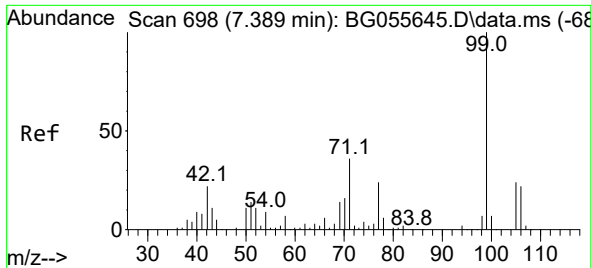
Tgt Ion:152 Resp: 33756
Ion Ratio Lower Upper
152 100
150 144.9 123.0 184.6
115 57.8 47.0 70.4



#5
2-Fluorophenol
Concen: 115.535 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.001 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

Tgt Ion:112 Resp: 215766
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 34.8 27.5 41.3

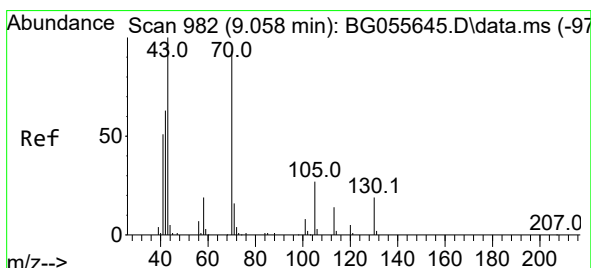
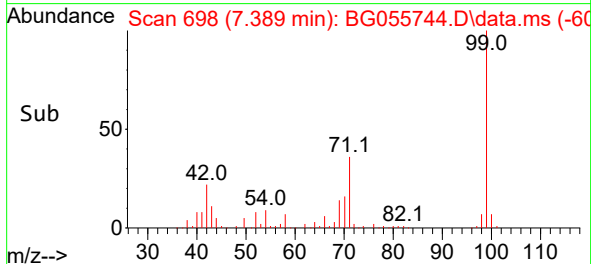
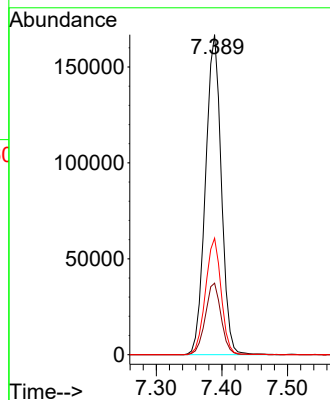
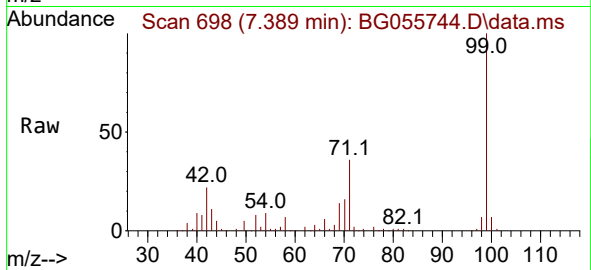




#7
Phenol-d6
Concen: 112.534 ng
RT: 7.389 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

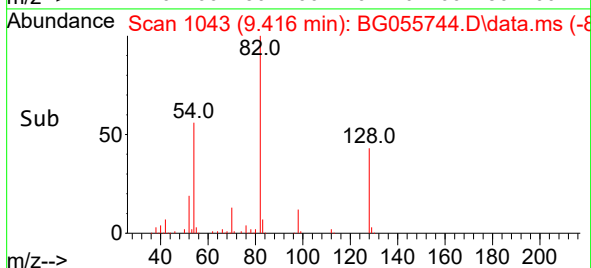
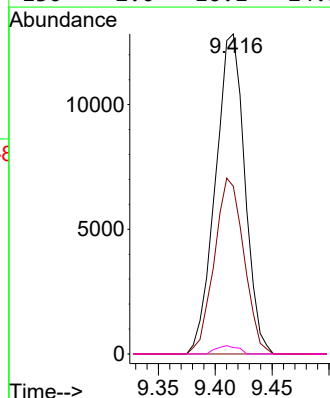
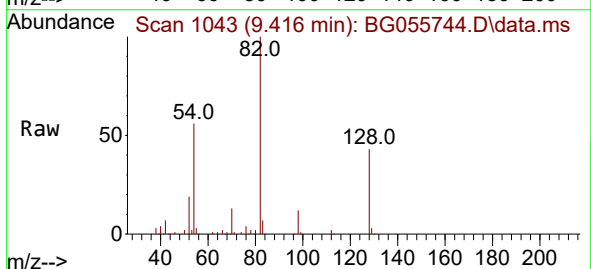
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-31

Tgt Ion: 99 Resp: 279757
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.046 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.371 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

Tgt Ion: 70 Resp: 23009
Ion Ratio Lower Upper
70 100
42 52.4 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

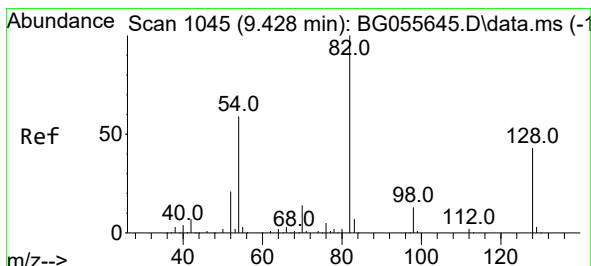
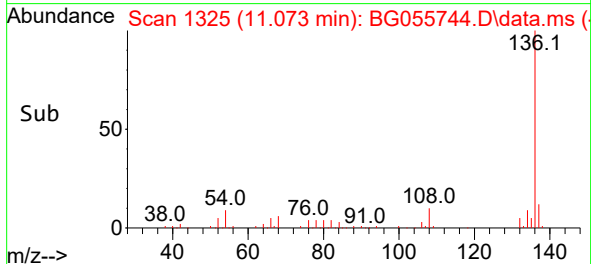
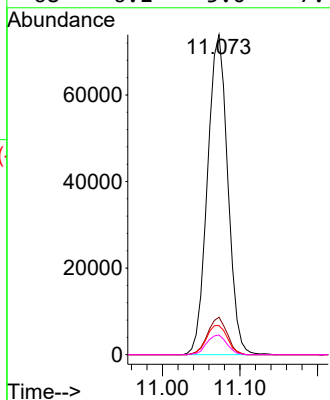
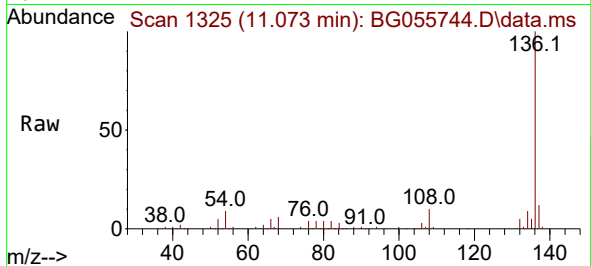




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

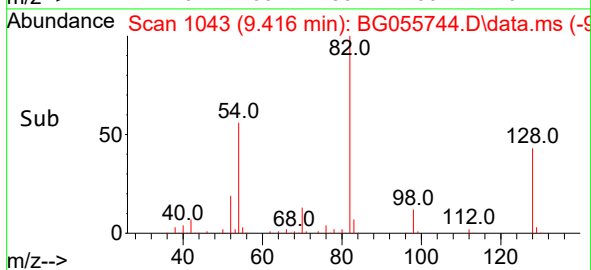
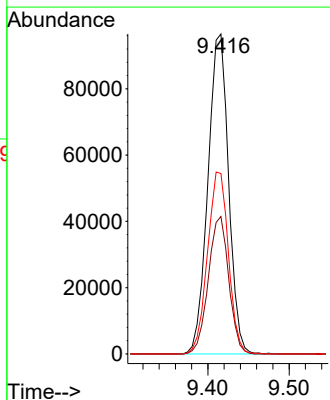
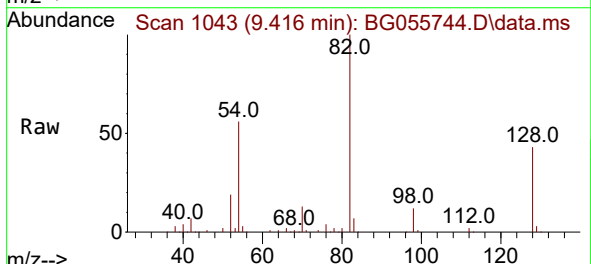
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-31

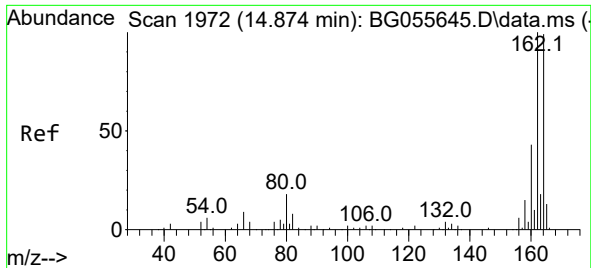
Tgt Ion:	136	Resp:	134399
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.1	7.8	11.6
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 67.020 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

Tgt Ion:	82	Resp:	170418
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.1	51.1
54	56.4	47.3	70.9

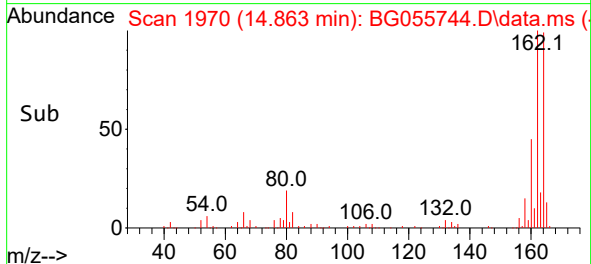
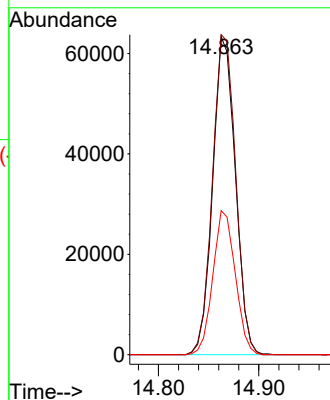
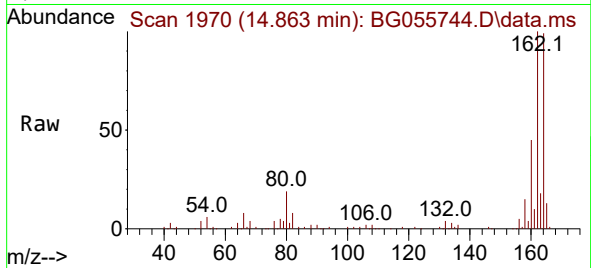




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

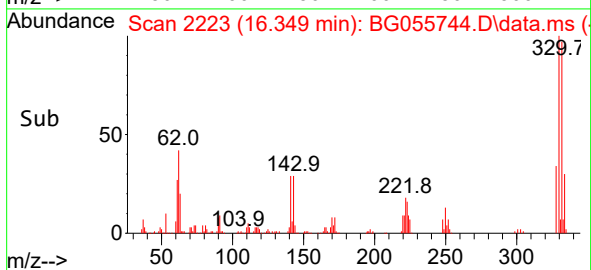
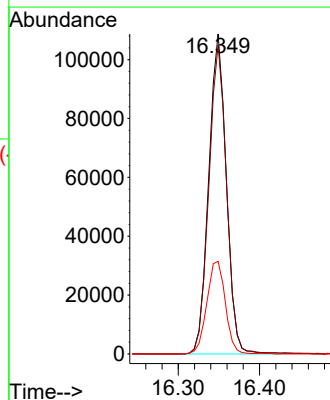
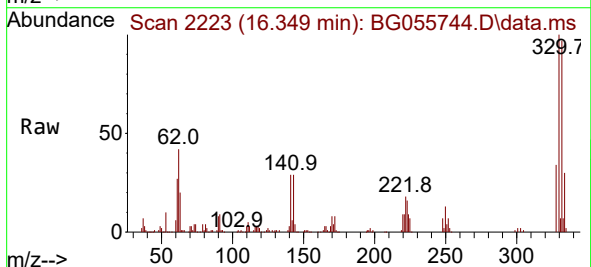
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-31

Tgt Ion:164 Resp: 99230
Ion Ratio Lower Upper
164 100
162 100.6 81.1 121.7
160 45.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 117.005 ng
RT: 16.349 min Scan# 2223
Delta R.T. 0.001 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

Tgt Ion:330 Resp: 163489
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 30.5 23.9 35.9

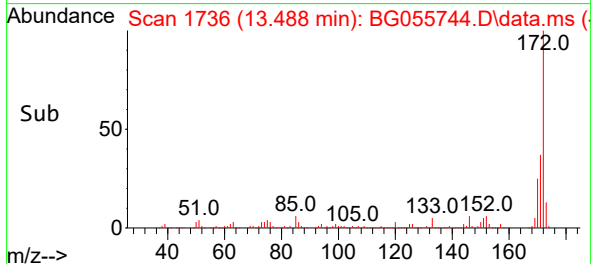
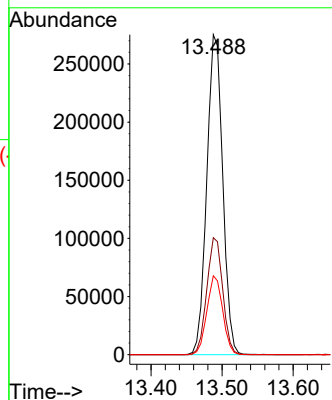
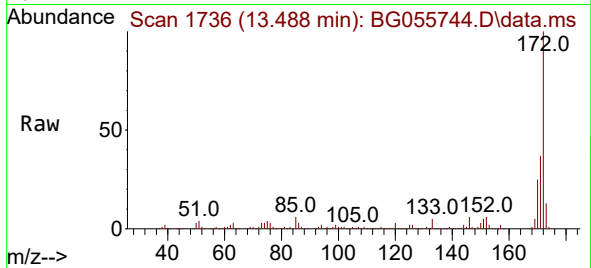




#45
2-Fluorobiphenyl
Concen: 64.833 ng
RT: 13.488 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

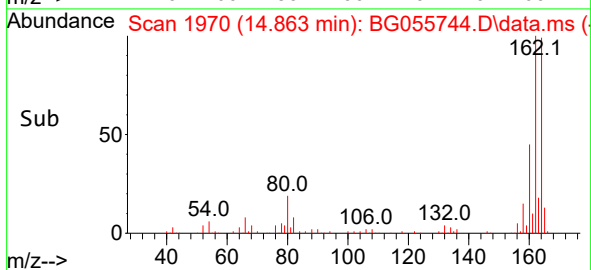
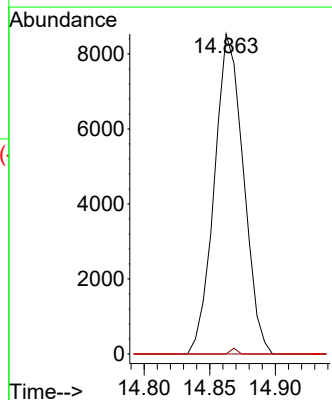
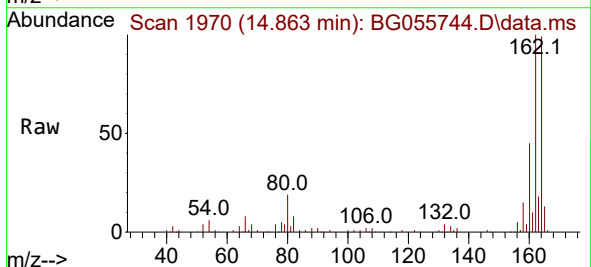
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-FLATS-31

Tgt Ion:172 Resp: 429429
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.119 ng
RT: 14.863 min Scan# 1970
Delta R.T. 0.430 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

Tgt Ion:165 Resp: 13131
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: 5.758 ng

RT: 14.863 min Scan# 1970

Delta R.T. -0.358 min

Lab File: BG055744.D

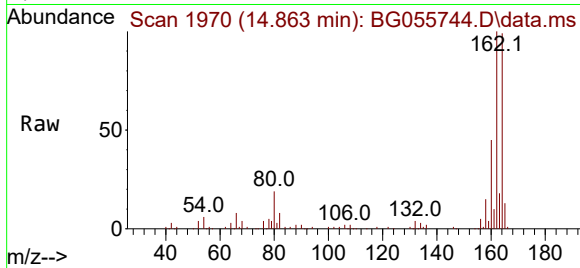
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Instrument :

BNA_G

ClientSampleId :

LEFT-SIDE-FLATS-31



Tgt Ion:165 Resp: 13131

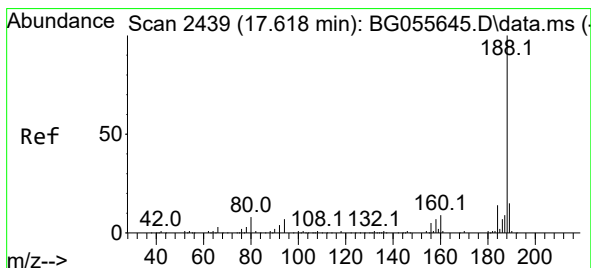
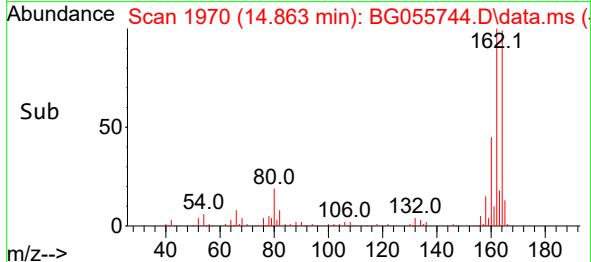
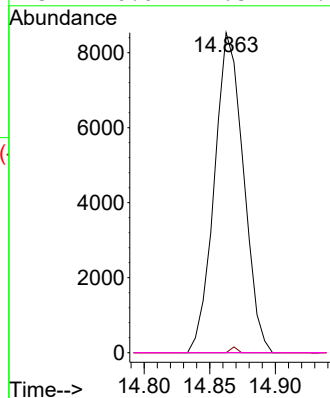
Ion Ratio Lower Upper

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: 17.606 min Scan# 2437

Delta R.T. 0.001 min

Lab File: BG055744.D

Acq: 22 Nov 2022 17:54

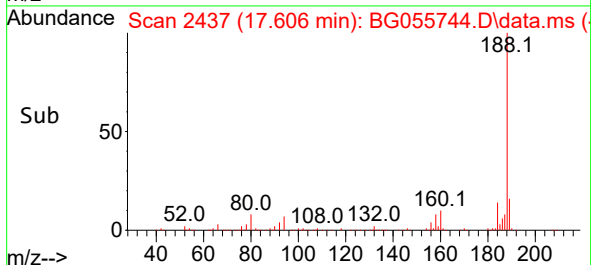
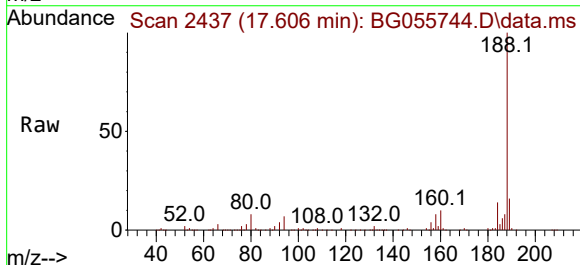
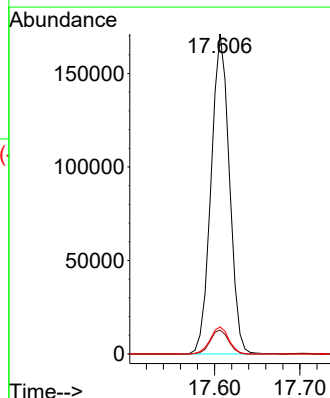
Tgt Ion:188 Resp: 255677

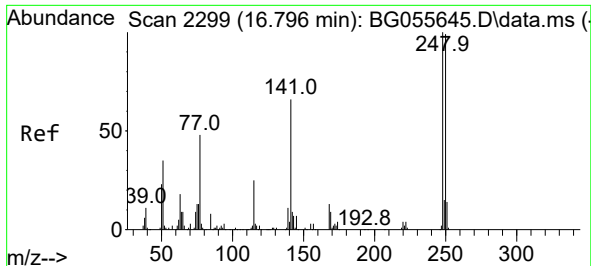
Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.2

80 8.5 6.6 10.0

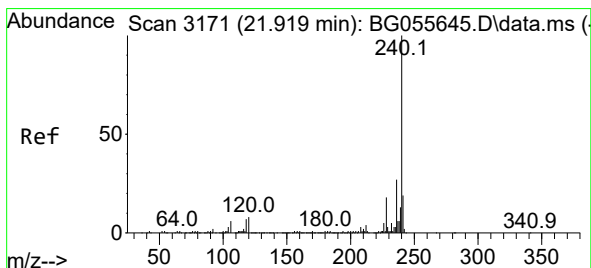
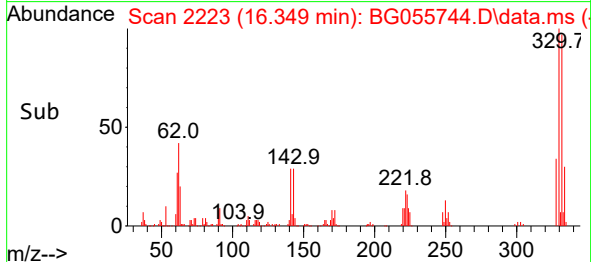
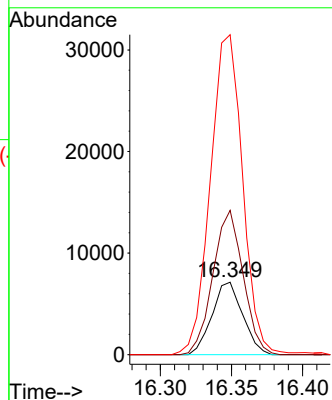
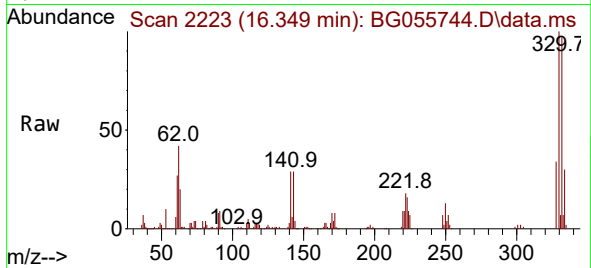




#67
4-Bromophenyl-phenylether
Concen: 3.673 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

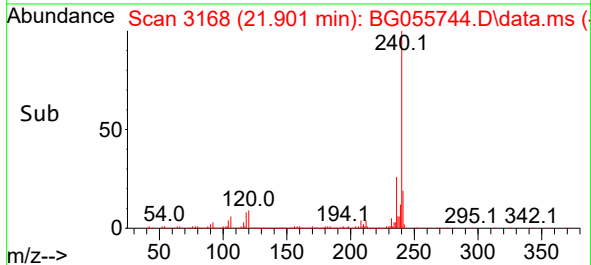
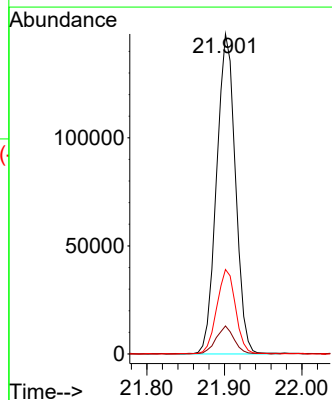
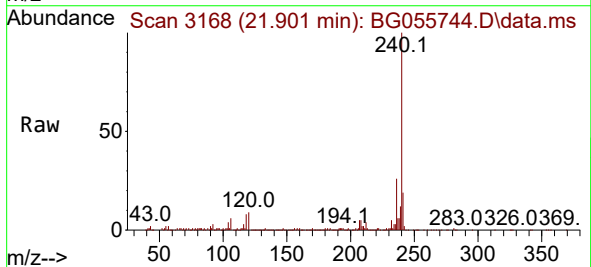
Instrument :
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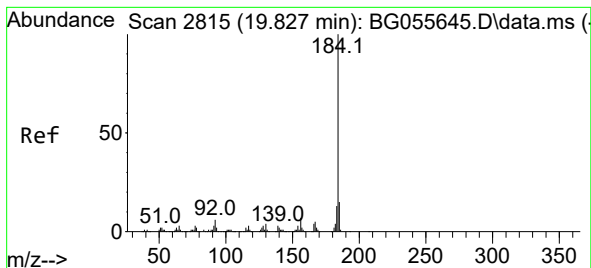
Tgt Ion:248 Resp: 10699
Ion Ratio Lower Upper
248 100
250 199.3 79.0 118.4#
141 441.7 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG055744.D
Acq: 22 Nov 2022 17:54

Tgt Ion:240 Resp: 250363
Ion Ratio Lower Upper
240 100
120 8.8 6.3 9.5
236 26.4 21.9 32.9





#77

Benzidine

Concen: 2.204 ng

RT: 20.192 min Scan# 2877

Delta R.T. 0.377 min

Lab File: BG055744.D

Acq: 22 Nov 2022 17:54

Instrument :

BNA_G

ClientSampleId :

LEFT-SIDE-FLATS-31

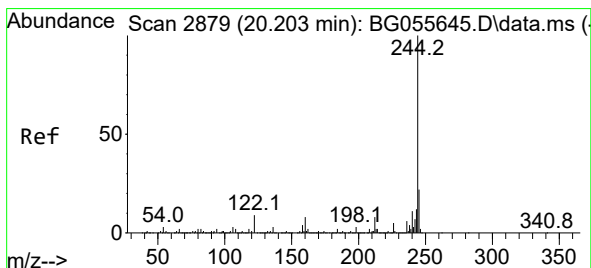
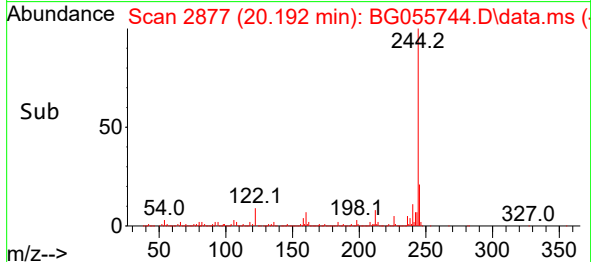
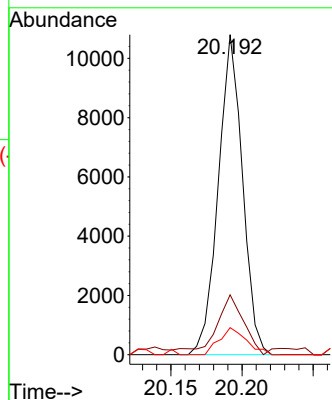
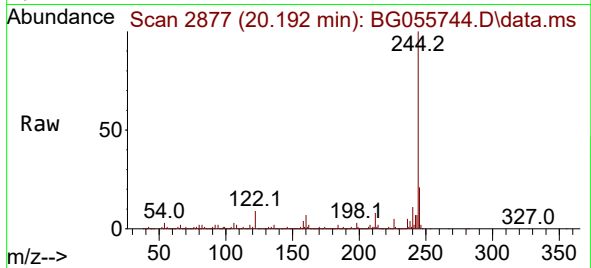
Tgt Ion:184 Resp: 12767

Ion Ratio Lower Upper

184 100

185 18.7 11.8 17.8#

183 8.4 10.6 15.8#



#79

Terphenyl-d14

Concen: 66.998 ng

RT: 20.192 min Scan# 2877

Delta R.T. 0.001 min

Lab File: BG055744.D

Acq: 22 Nov 2022 17:54

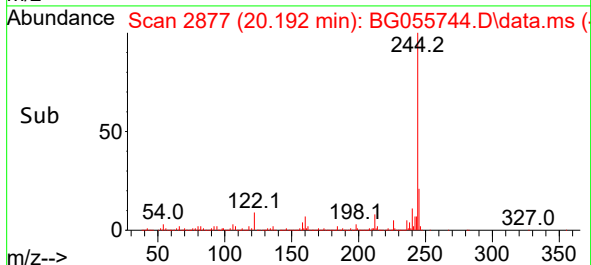
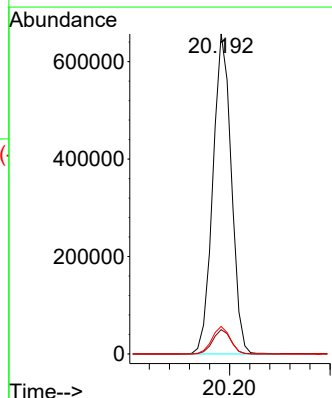
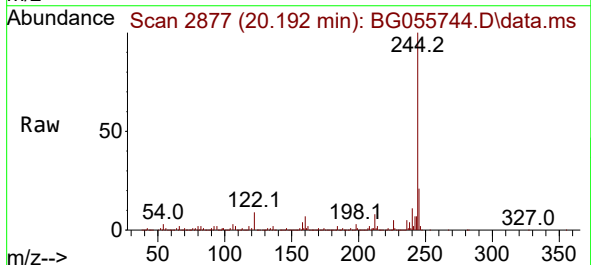
Tgt Ion:244 Resp: 838637

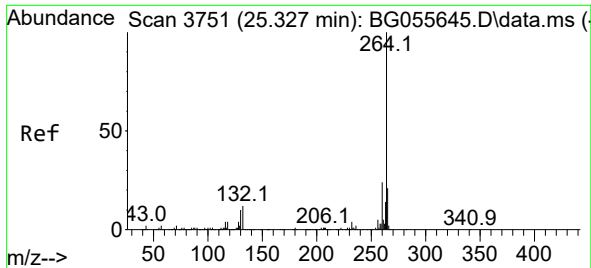
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

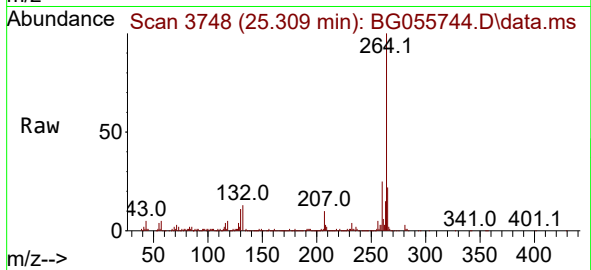
122 8.6 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG055744.D
 Acq: 22 Nov 2022 17:54

Instrument :
 BNA_G
 ClientSampleId :
 LEFT-SIDE-FLATS-31



Tgt Ion:264 Resp: 263997
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.1 17.1 25.7

