

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055373.D
 Acq On : 29 Oct 2022 20:13
 Operator : CG/JU
 Sample : N5316-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-PILE-2

Quant Time: Oct 31 02:45:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

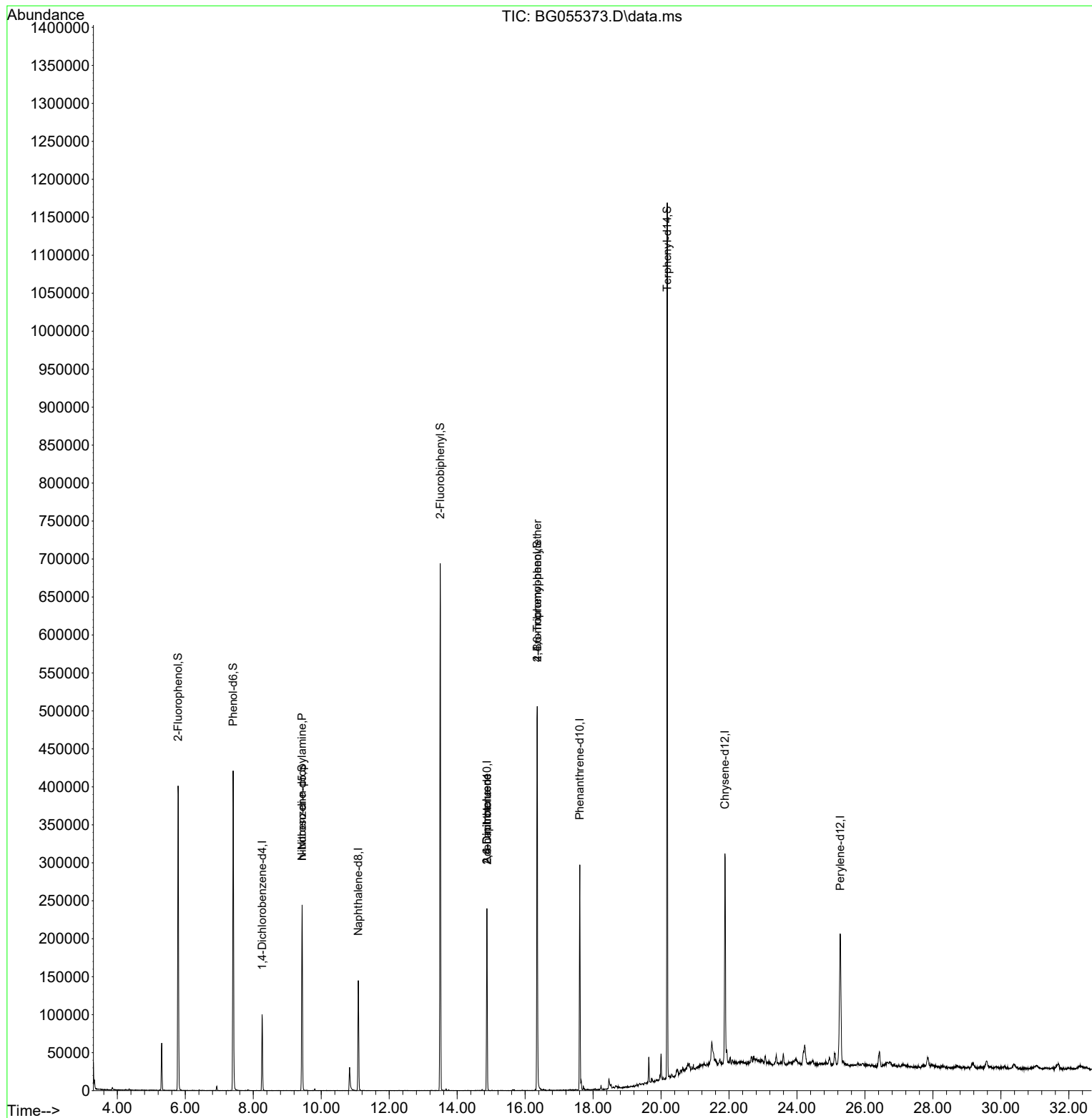
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	30284	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	130453	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	87042	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	187731	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	178212	20.000	ng	-0.01
86) Perylene-d12	25.274	264	193550	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	193978	112.155	ng	0.00
7) Phenol-d6	7.407	99	258369	103.112	ng	0.00
23) Nitrobenzene-d5	9.434	82	154514	60.482	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	116999	123.649	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	370324	69.636	ng	-0.01
79) Terphenyl-d14	20.180	244	571043	66.575	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	20721	9.958	ng	# 77
51) 2,6-Dinitrotoluene	14.875	165	11211	8.062	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	11211	5.555	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	7162	3.927	ng	# 1

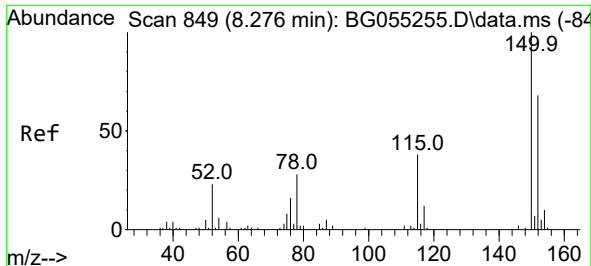
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

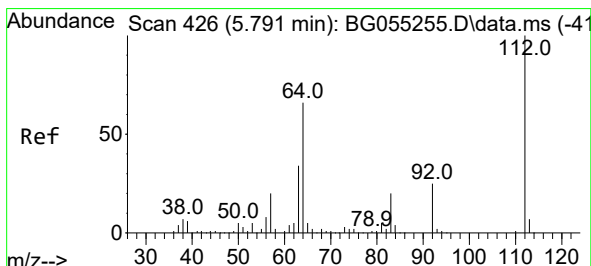
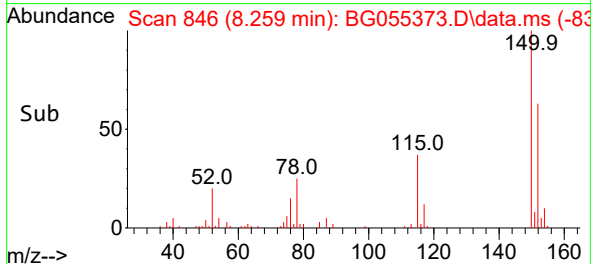
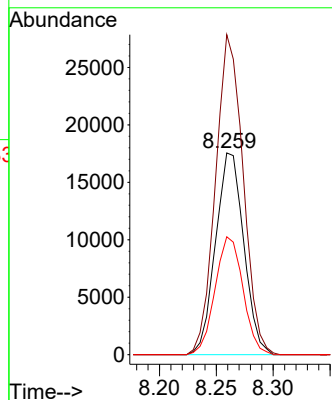
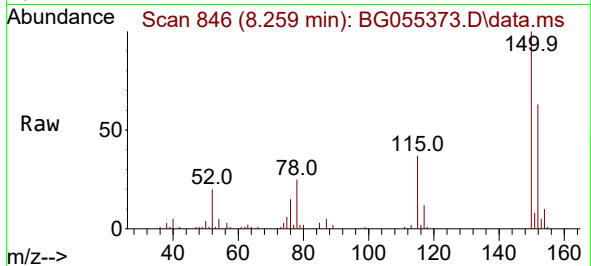




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

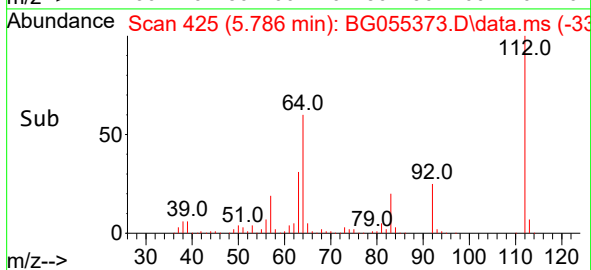
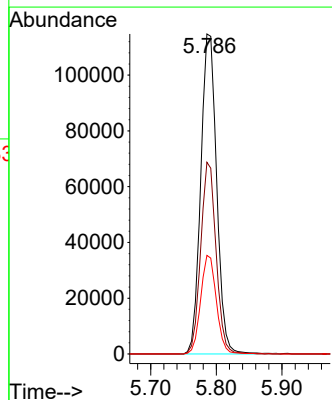
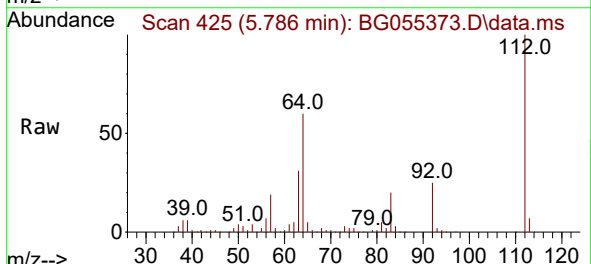
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

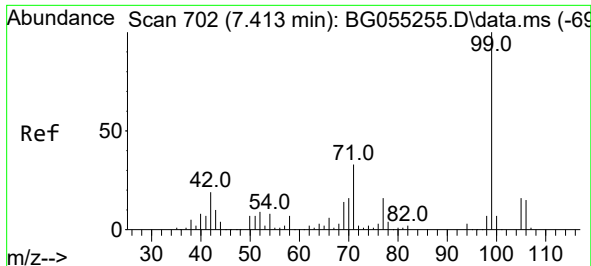
Tgt Ion:152 Resp: 30284
Ion Ratio Lower Upper
152 100
150 158.6 118.2 177.4
115 58.5 44.5 66.7



#5
2-Fluorophenol
Concen: 112.155 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

Tgt Ion:112 Resp: 193978
Ion Ratio Lower Upper
112 100
64 59.9 52.6 78.8
63 30.8 27.1 40.7

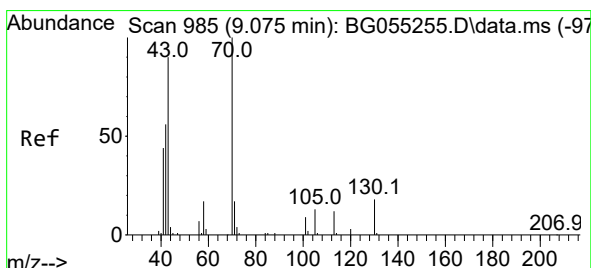
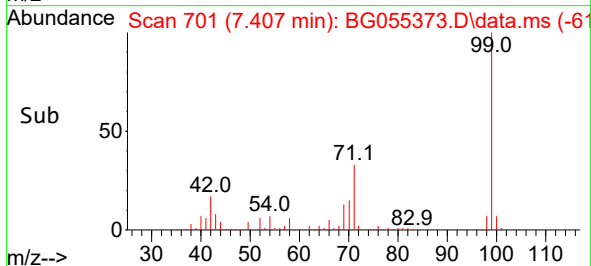
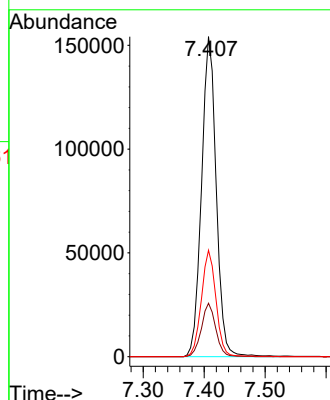
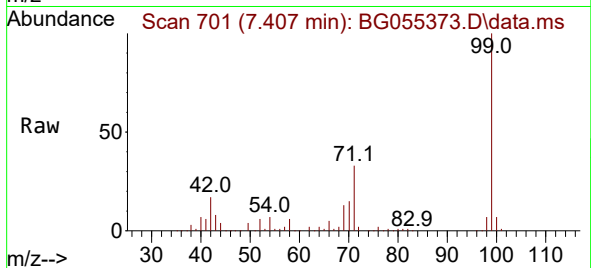




#7
Phenol-d6
Concen: 103.112 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

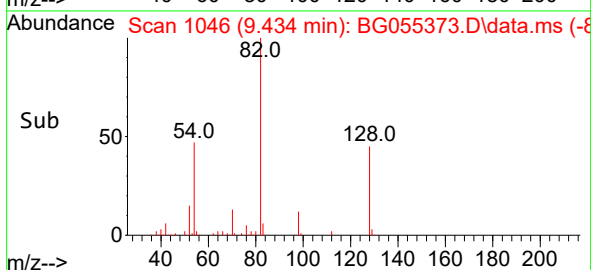
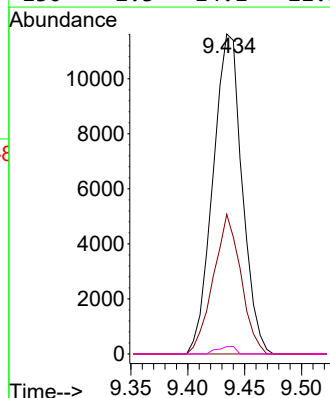
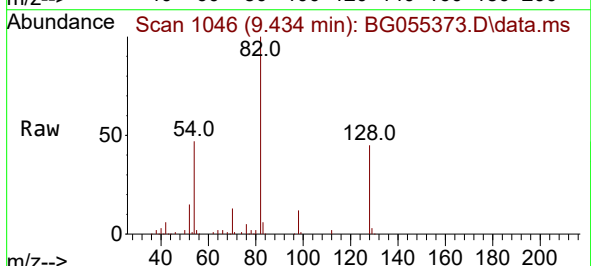
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

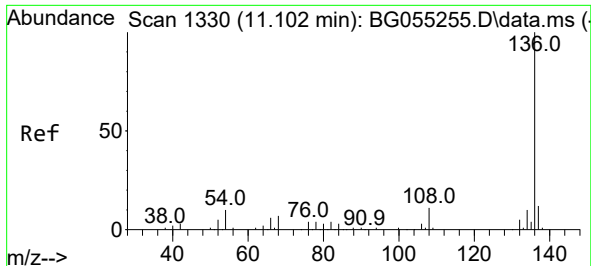
Tgt Ion: 99 Resp: 258369
Ion Ratio Lower Upper
99 100
42 16.7 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.958 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

Tgt Ion: 70 Resp: 20721
Ion Ratio Lower Upper
70 100
42 43.6 45.8 68.6#
101 0.0 7.4 11.0#
130 2.3 14.1 21.1#

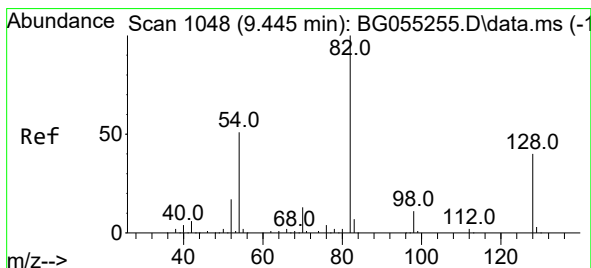
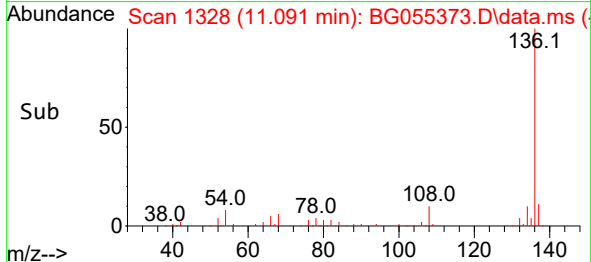
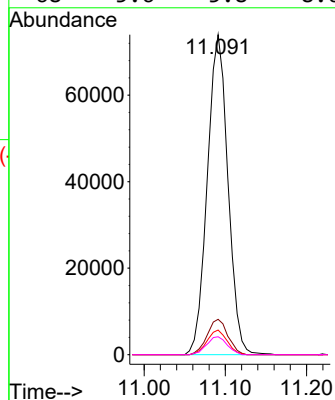
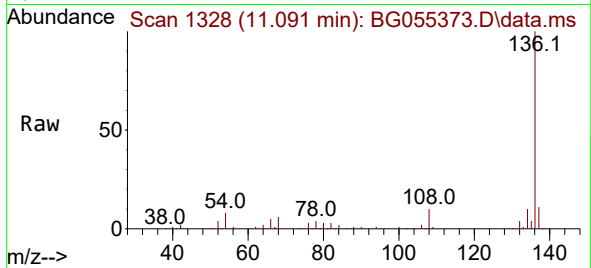




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

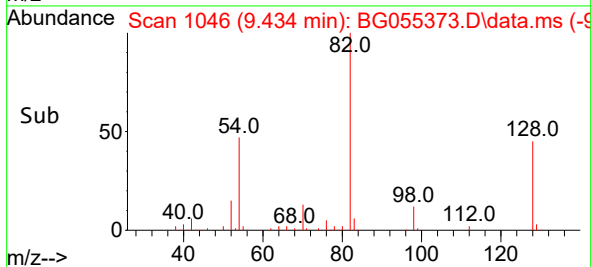
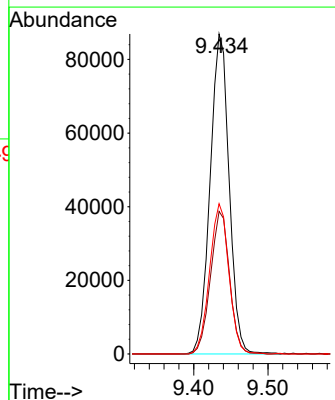
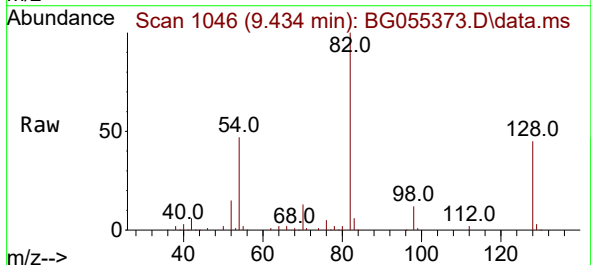
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

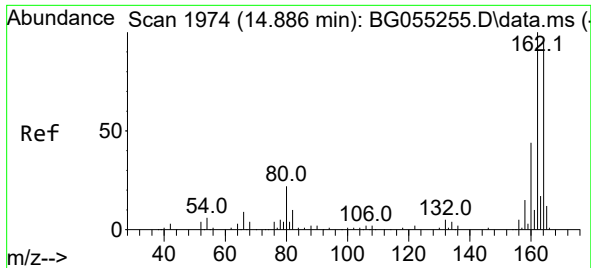
Tgt Ion:	136	Resp:	130453
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	7.7	7.8	11.8#
68	5.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 60.482 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

Tgt Ion:	82	Resp:	154514
Ion Ratio	Lower	Upper	
82	100		
128	44.6	32.0	48.0
54	47.0	40.9	61.3

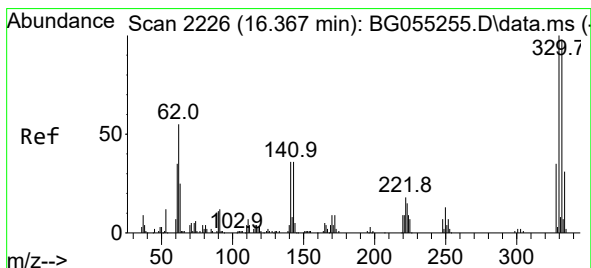
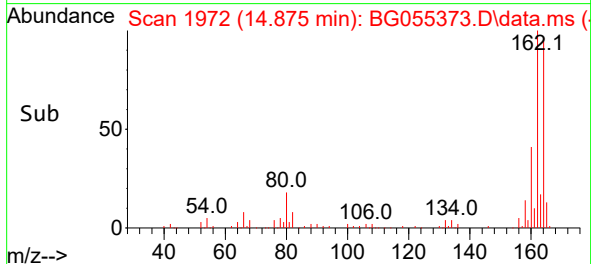
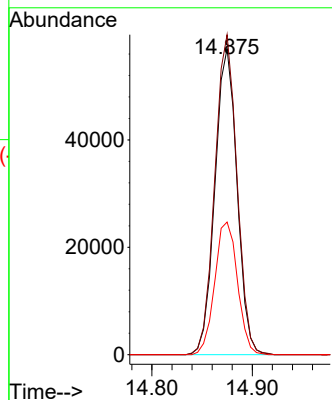
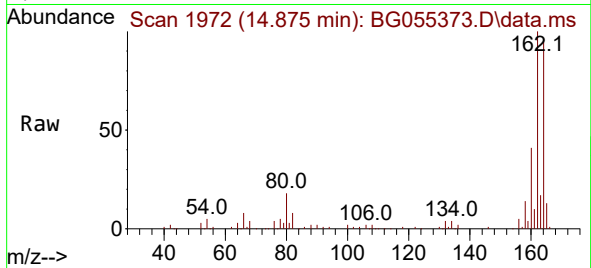




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

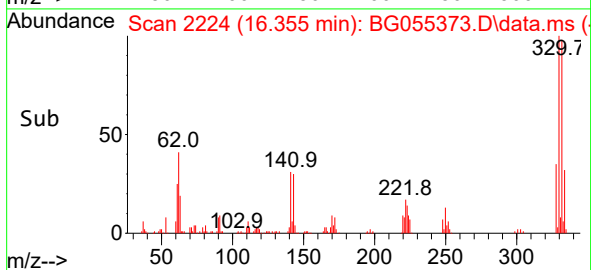
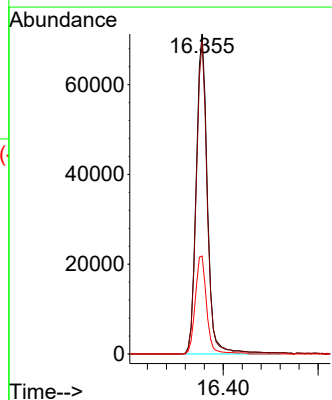
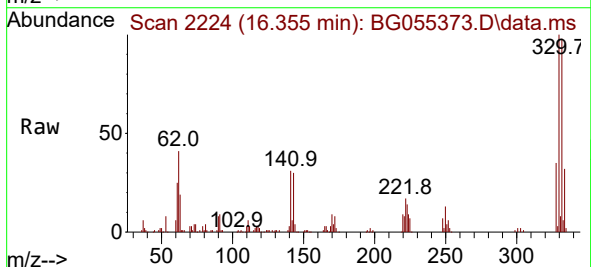
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-PILE-2

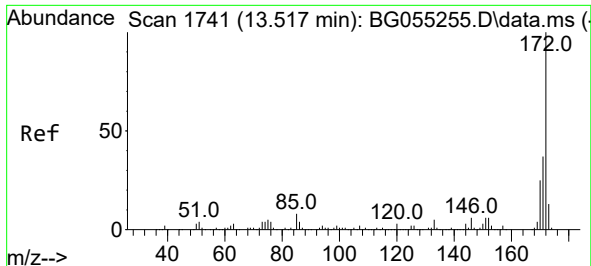
Tgt Ion:164 Resp: 87042
Ion Ratio Lower Upper
164 100
162 104.5 84.0 126.0
160 43.3 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 123.649 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

Tgt Ion:330 Resp: 116999
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 31.0 29.8 44.8

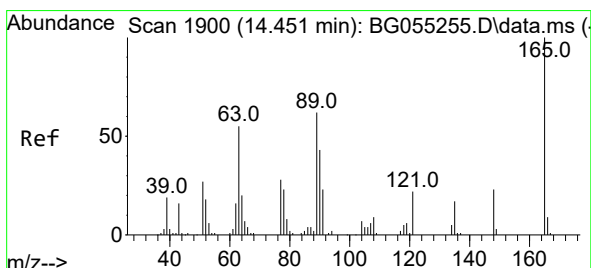
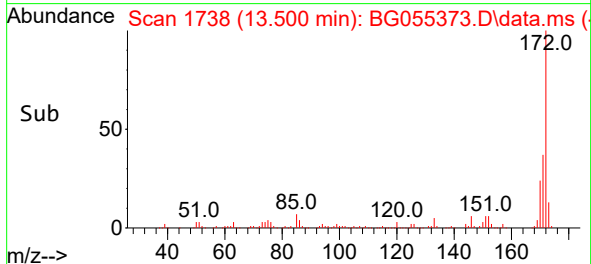
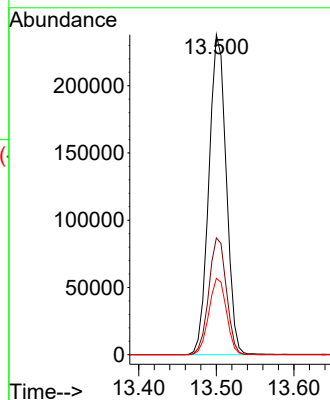
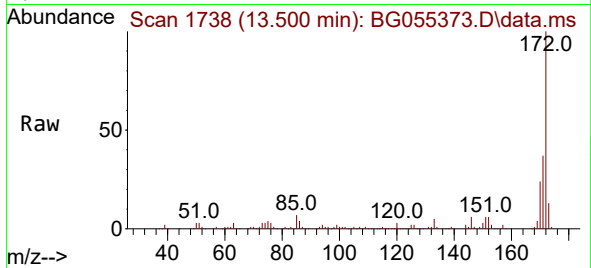




#45
2-Fluorobiphenyl
Concen: 69.636 ng
RT: 13.500 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

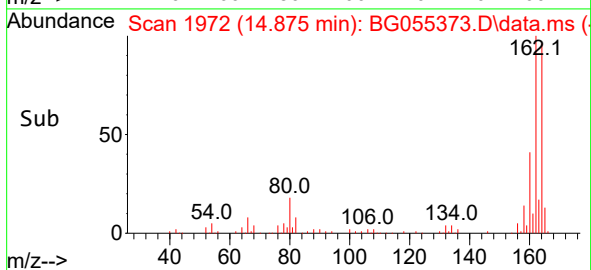
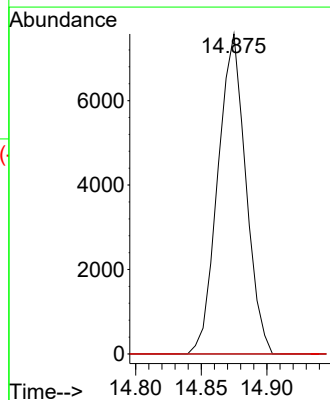
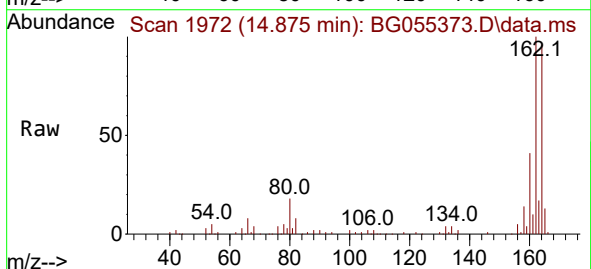
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COMPOSITE-PILE-2

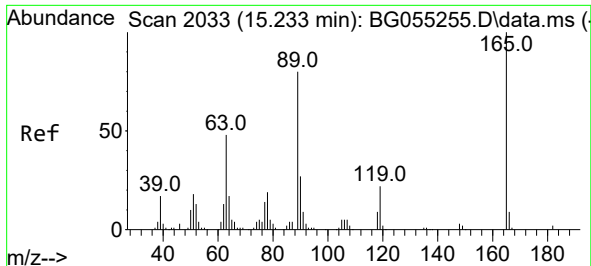
Tgt Ion:172 Resp: 370324
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.062 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

Tgt Ion:165 Resp: 11211
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.555 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.358 min

Lab File: BG055373.D

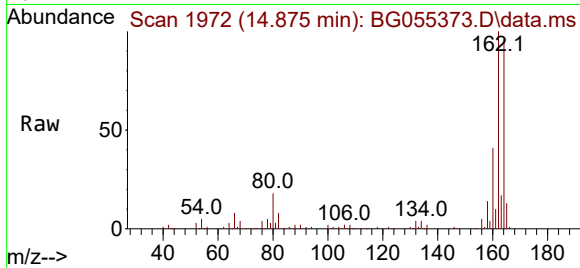
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Instrument :

BNA_G

ClientSampleId :

COMPOSITE-PILE-2



Tgt Ion:165 Resp: 11211

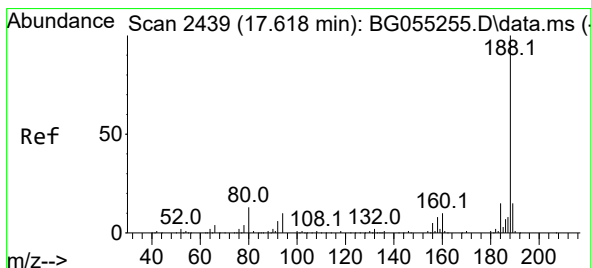
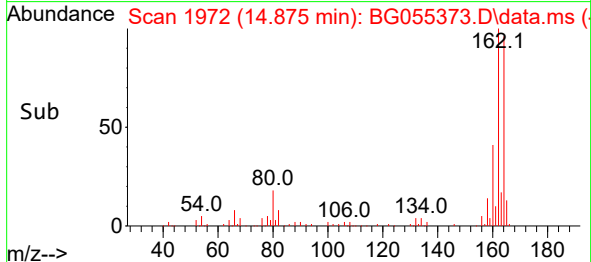
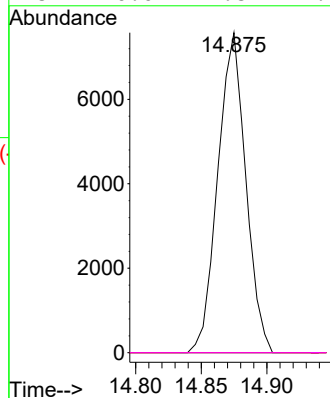
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055373.D

Acq: 29 Oct 2022 20:13

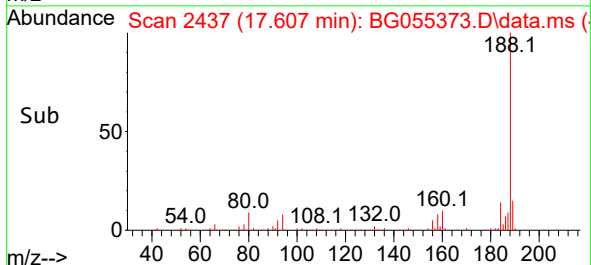
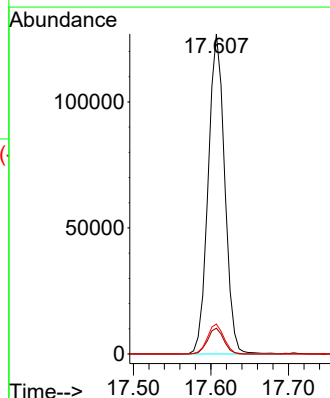
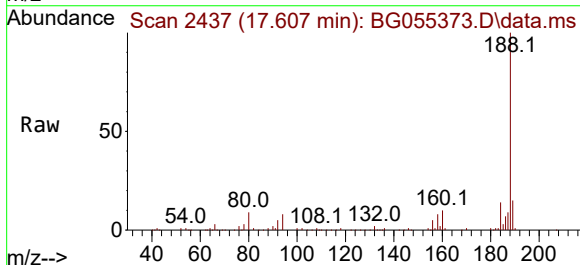
Tgt Ion:188 Resp: 187731

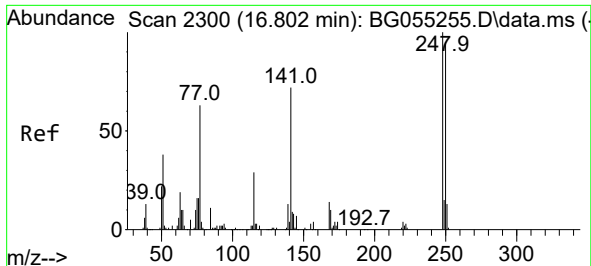
Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.4#

80 9.4 10.1 15.1#

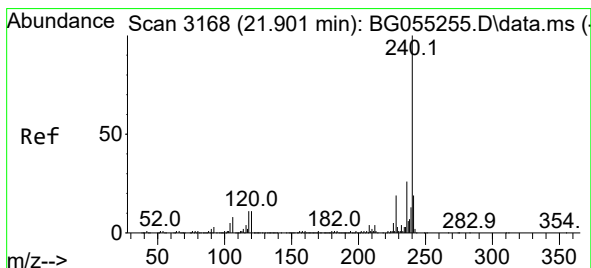
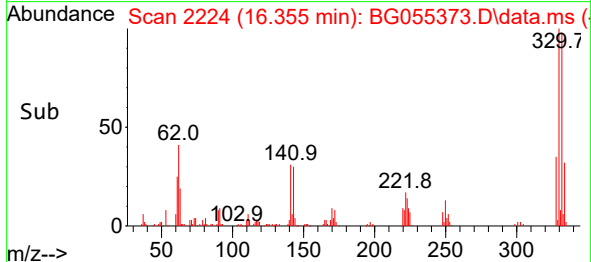
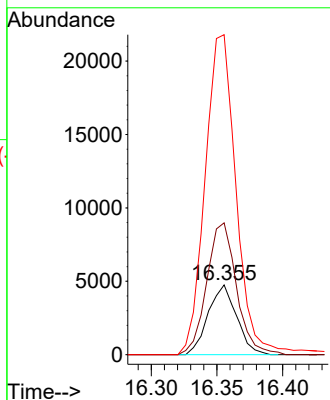
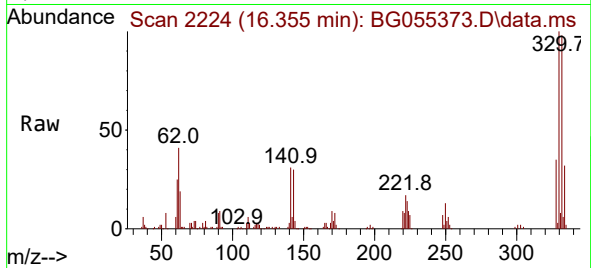




#67
4-Bromophenyl-phenylether
Concen: 3.927 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

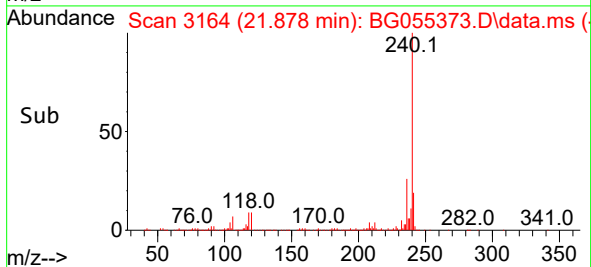
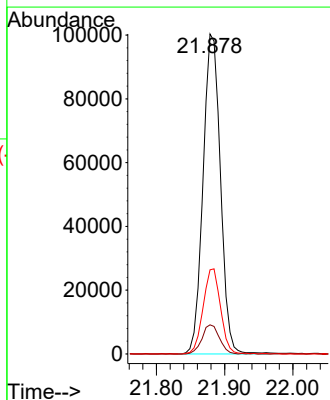
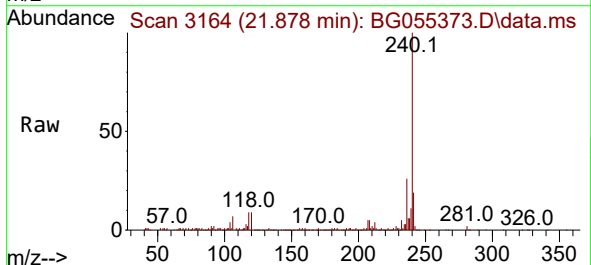
Instrument :
BNA_G
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COMPOSITE-PILE-2

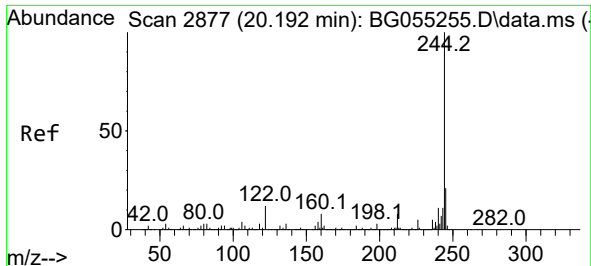
Tgt Ion:248 Resp: 7162
Ion Ratio Lower Upper
248 100
250 189.3 76.0 114.0#
141 459.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055373.D
Acq: 29 Oct 2022 20:13

Tgt Ion:240 Resp: 178212
Ion Ratio Lower Upper
240 100
120 9.1 8.9 13.3
236 26.3 21.0 31.4

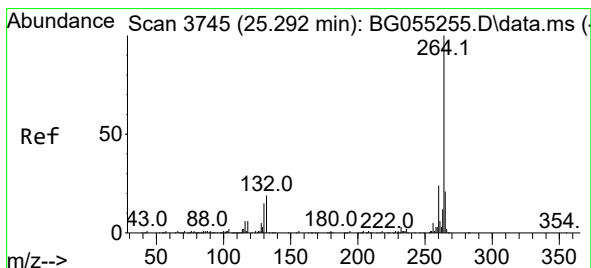
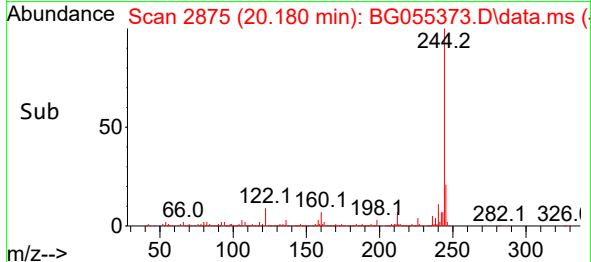
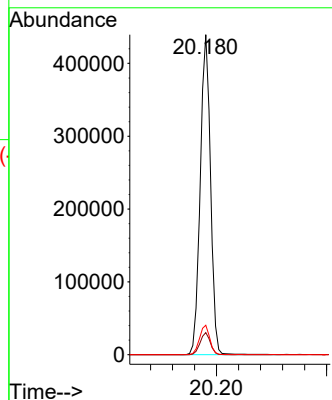
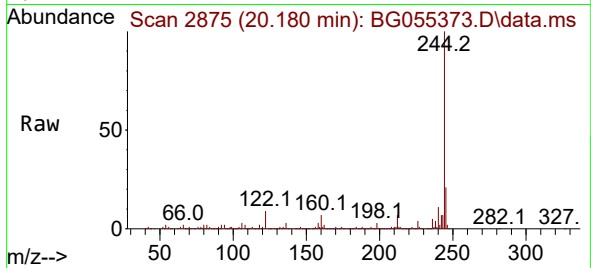




#79
 Terphenyl-d14
 Concen: 66.575 ng
 RT: 20.180 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055373.D
 Acq: 29 Oct 2022 20:13

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-PILE-2

Tgt Ion:244 Resp: 571043
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.2 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055373.D
 Acq: 29 Oct 2022 20:13

Tgt Ion:264 Resp: 193550
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.9 17.4 26.2

