

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055724.D
 Acq On : 21 Nov 2022 21:08
 Operator : CG/JU
 Sample : N5678-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-08

Quant Time: Nov 22 02:08:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

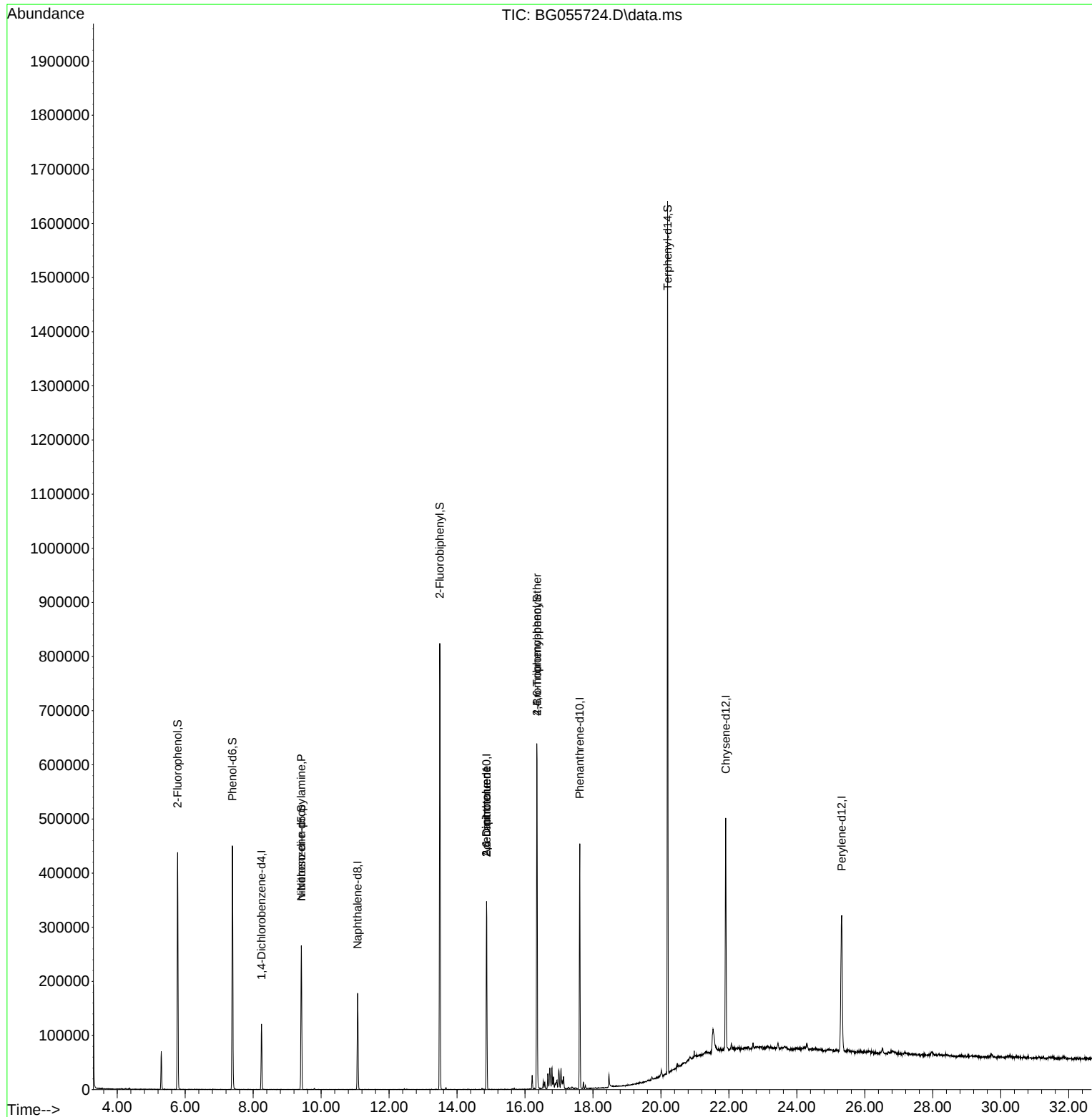
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	34004	20.000	ng	0.00
21) Naphthalene-d8	11.071	136	160088	20.000	ng	-0.01
39) Acenaphthene-d10	14.866	164	124726	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	285933	20.000	ng	0.00
76) Chrysene-d12	21.905	240	269438	20.000	ng	-0.01
86) Perylene-d12	25.319	264	281881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.777	112	185561	98.637	ng	0.00
7) Phenol-d6	7.387	99	257236	102.720	ng	0.00
23) Nitrobenzene-d5	9.414	82	158475	52.322	ng	-0.01
42) 2,4,6-Tribromophenol	16.353	330	139071	79.184	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	443350	53.252	ng	0.00
79) Terphenyl-d14	20.195	244	776662	57.654	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.414	70	21100	10.966	ng	# 74
51) 2,6-Dinitrotoluene	14.866	165	15852	7.797	ng	# 24
57) 2,4-Dinitrotoluene	14.866	165	15852	5.531	ng	# 22
67) 4-Bromophenyl-phenylether	16.353	248	9089	2.790	ng	# 1

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

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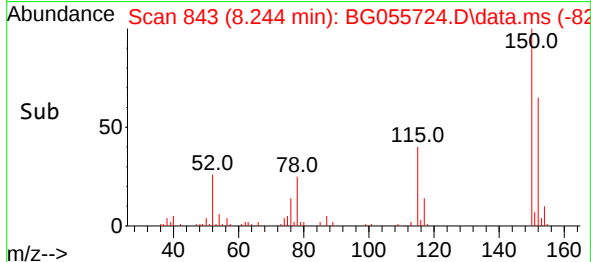
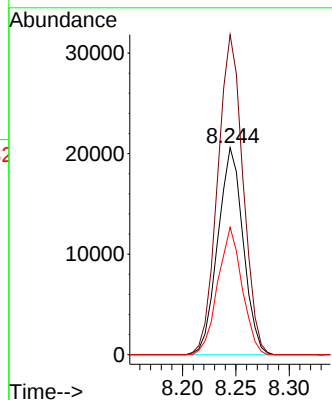
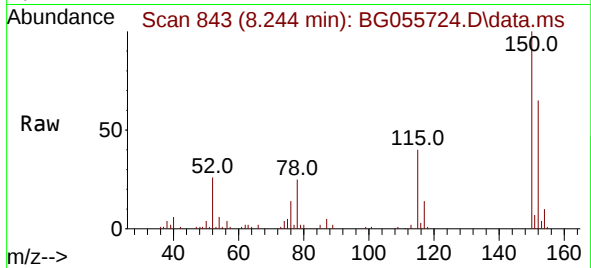




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

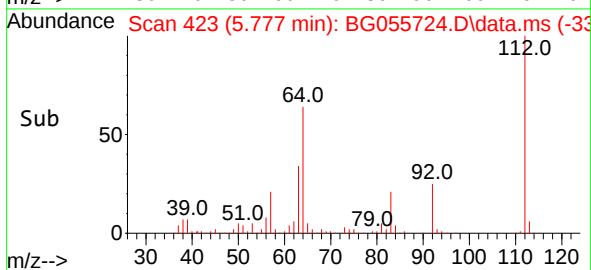
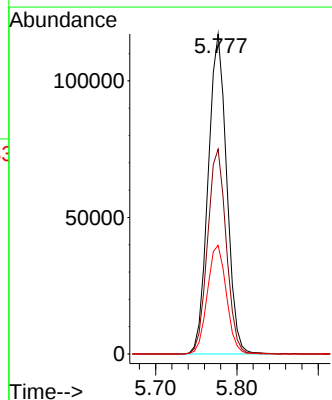
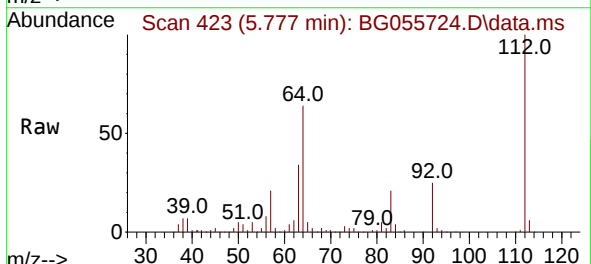
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-08

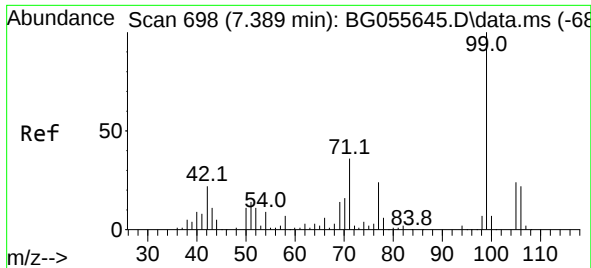
Tgt Ion:152 Resp: 34004
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.6
115 61.6 47.0 70.4



#5
2-Fluorophenol
Concen: 98.637 ng
RT: 5.777 min Scan# 423
Delta R.T. -0.002 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

Tgt Ion:112 Resp: 185561
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 33.9 27.5 41.3

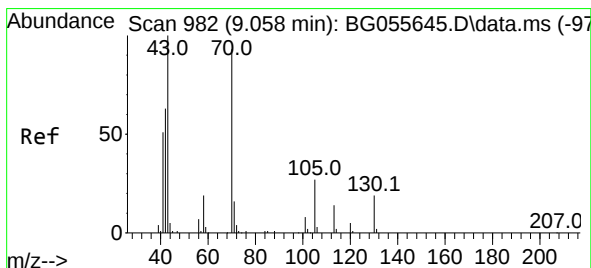
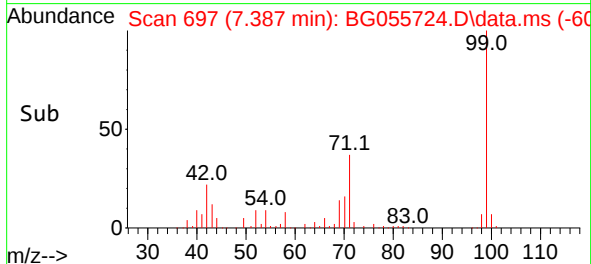
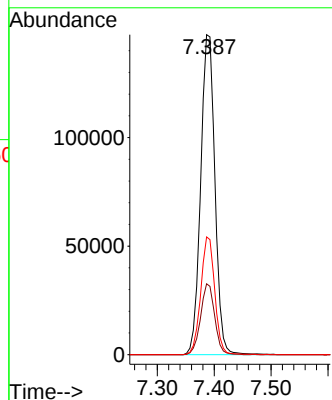
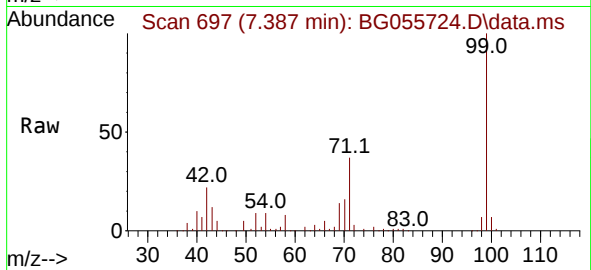




#7
Phenol-d6
Concen: 102.720 ng
RT: 7.387 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

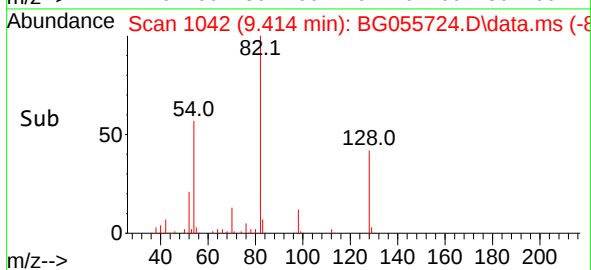
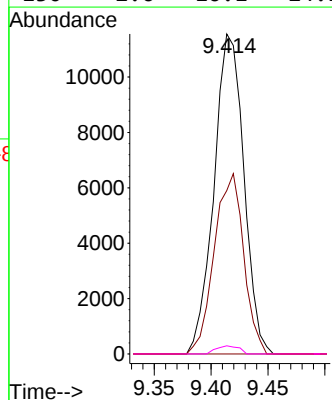
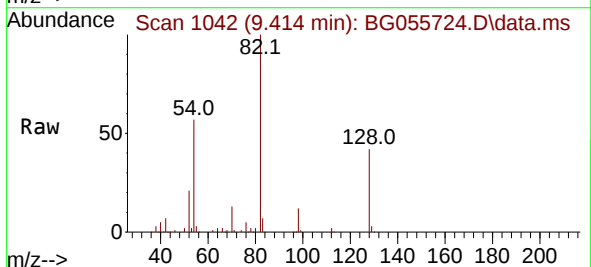
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-08

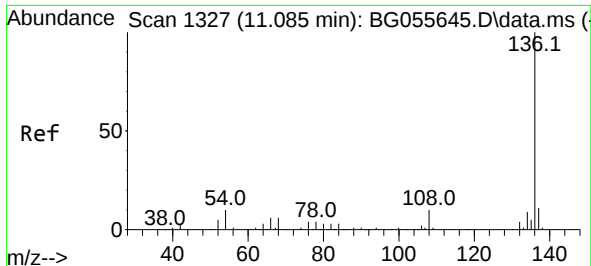
Tgt Ion: 99 Resp: 257236
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 36.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.966 ng
RT: 9.414 min Scan# 1042
Delta R.T. 0.356 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

Tgt Ion: 70 Resp: 21100
Ion Ratio Lower Upper
70 100
42 51.1 55.2 82.8#
101 0.0 7.1 10.7#
130 2.6 16.1 24.1#

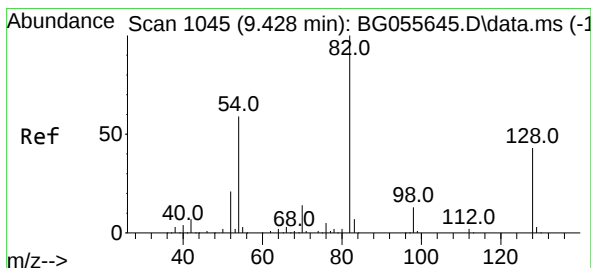
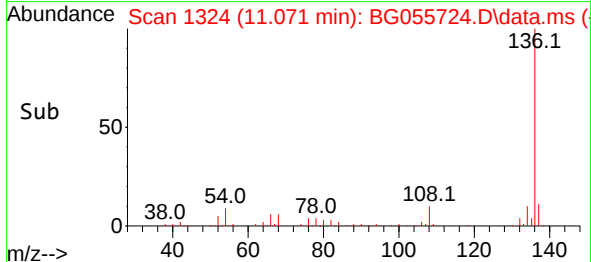
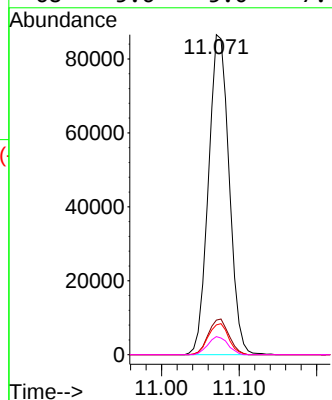
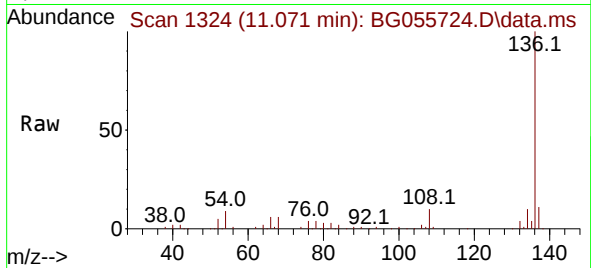




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.071 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

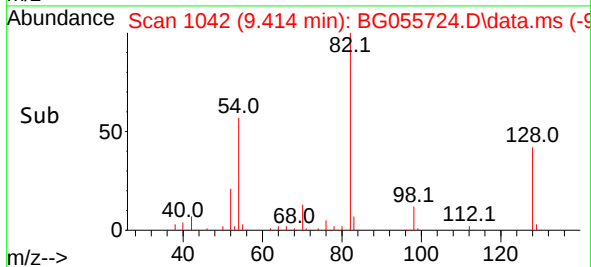
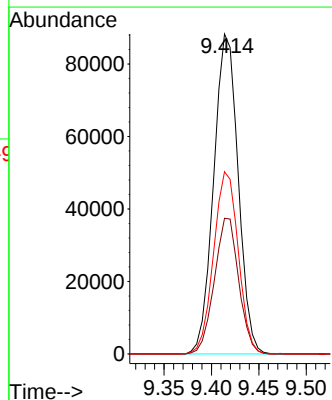
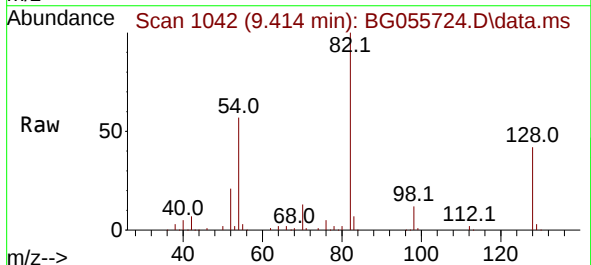
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-08

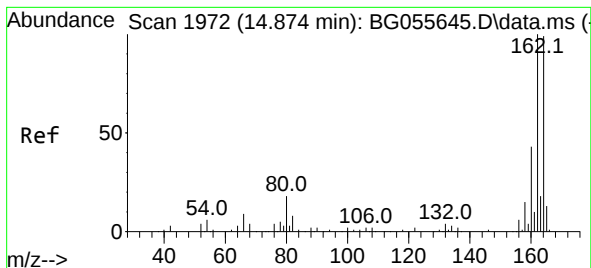
Tgt Ion:	136	Resp:	160088
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	9.3	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 52.322 ng
RT: 9.414 min Scan# 1042
Delta R.T. -0.014 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

Tgt Ion:	82	Resp:	158475
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.1	51.1
54	56.9	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.866 min Scan# 1970

Delta R.T. -0.008 min

Lab File: BG055724.D

Acq: 21 Nov 2022 21:08

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-08

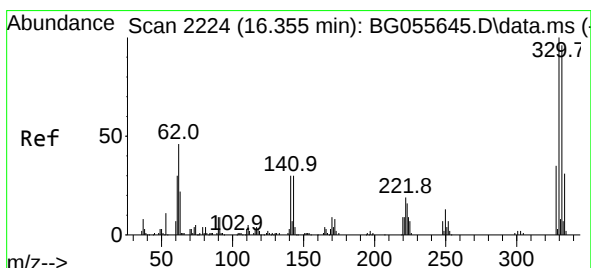
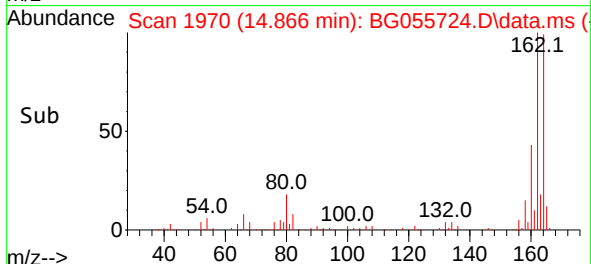
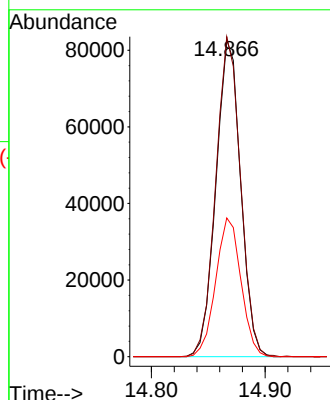
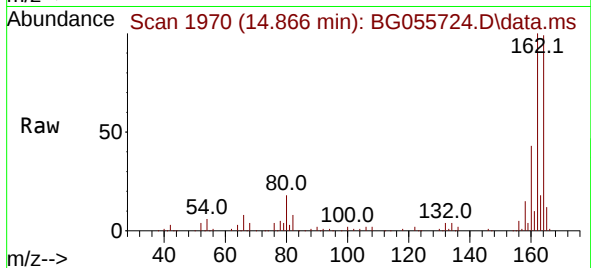
Tgt Ion:164 Resp: 124726

Ion Ratio Lower Upper

164 100

162 101.0 81.1 121.7

160 43.8 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 79.184 ng

RT: 16.353 min Scan# 2223

Delta R.T. -0.002 min

Lab File: BG055724.D

Acq: 21 Nov 2022 21:08

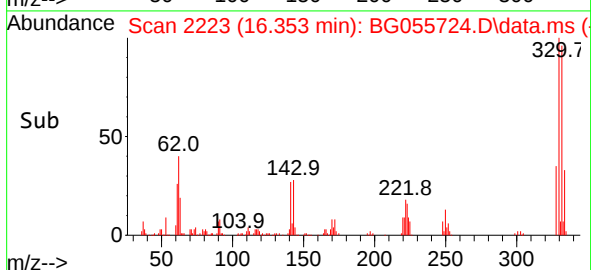
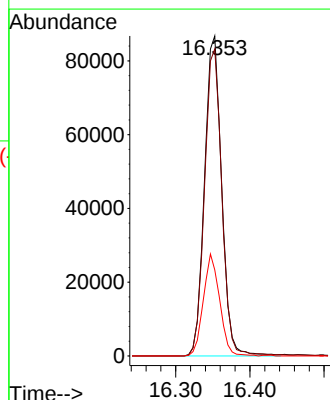
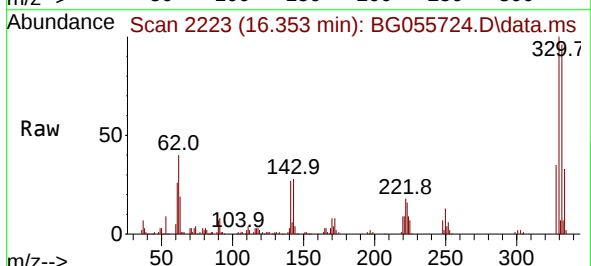
Tgt Ion:330 Resp: 139071

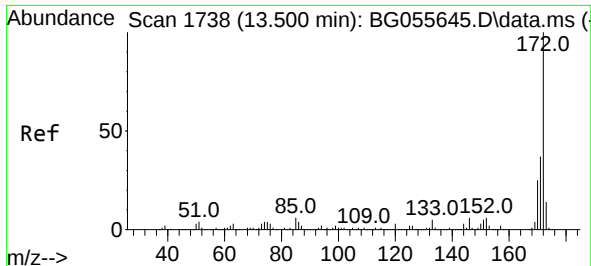
Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.8

141 30.3 23.9 35.9

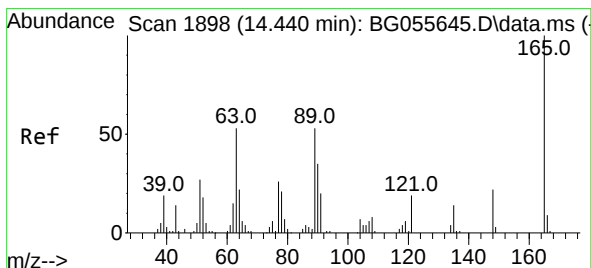
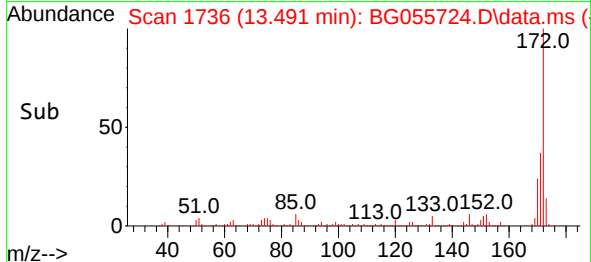
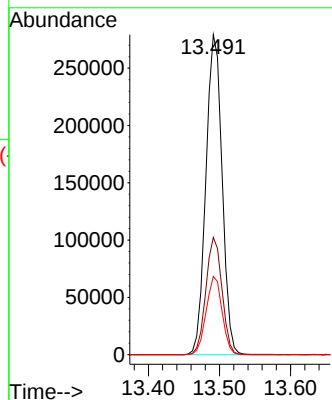
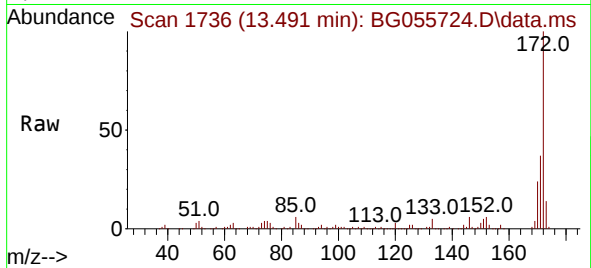




#45
2-Fluorobiphenyl
Concen: 53.252 ng
RT: 13.491 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

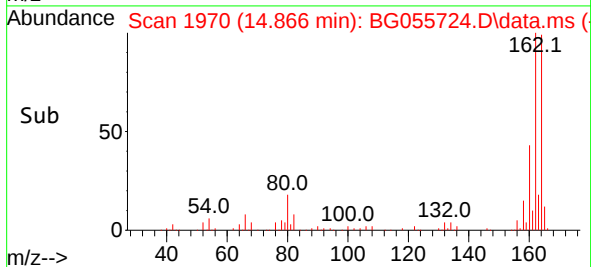
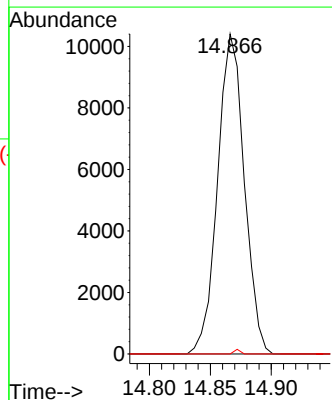
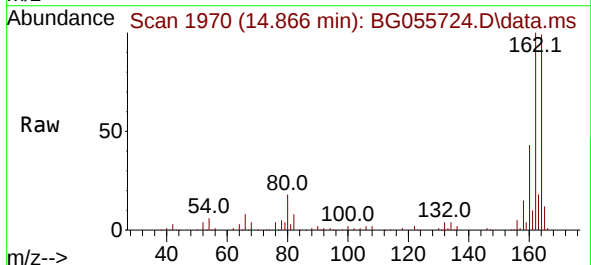
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-08

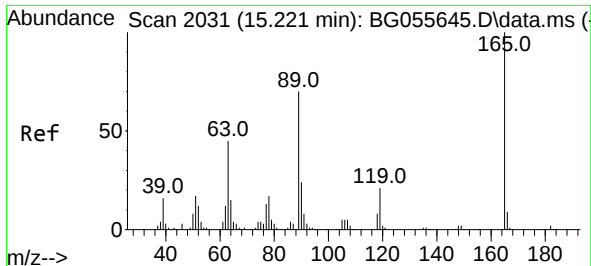
Tgt Ion:172 Resp: 443350
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.797 ng
RT: 14.866 min Scan# 1970
Delta R.T. 0.427 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

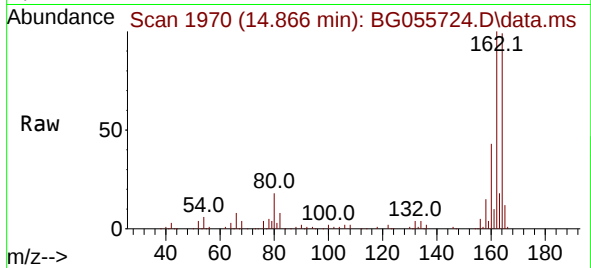
Tgt Ion:165 Resp: 15852
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#



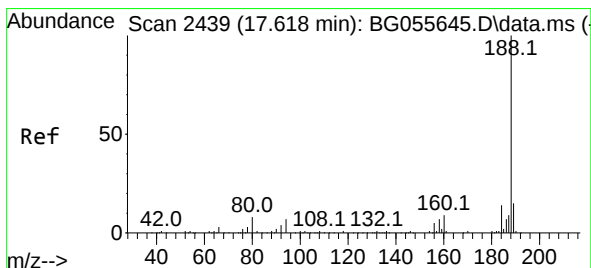
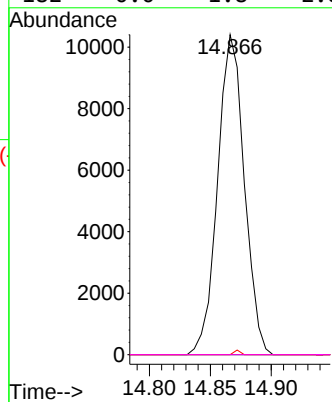
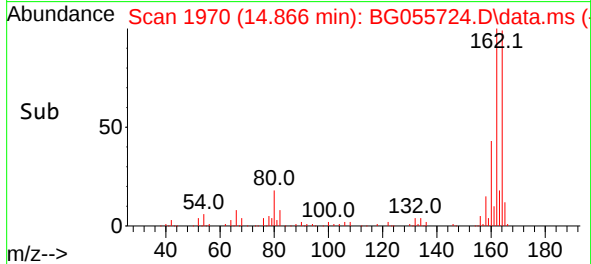


#57
2,4-Dinitrotoluene
Concen: 5.531 ng
RT: 14.866 min Scan# 1970
Delta R.T. -0.355 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-08

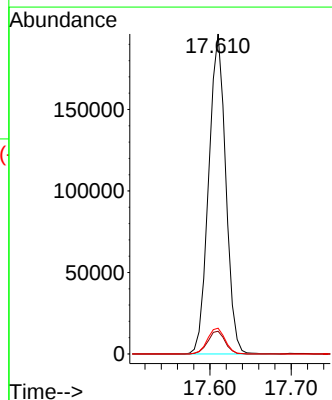
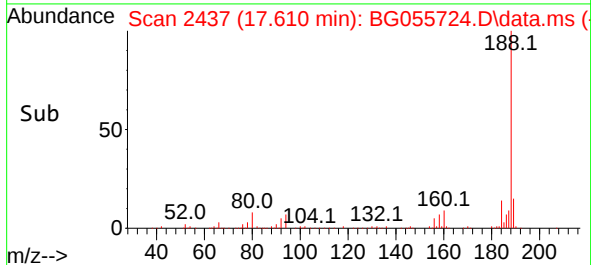
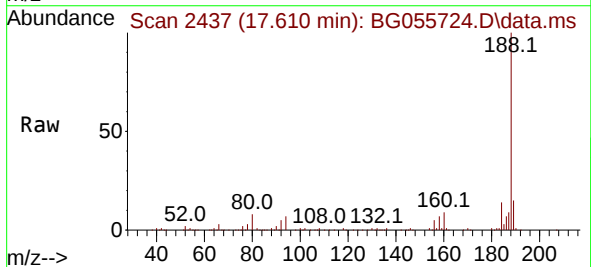


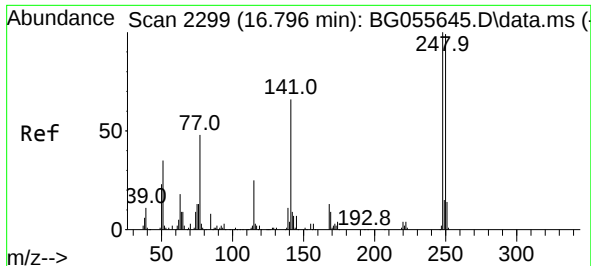
Tgt Ion:165 Resp: 15852
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 2437
Delta R.T. -0.008 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

Tgt Ion:188 Resp: 285933
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.0 6.6 10.0

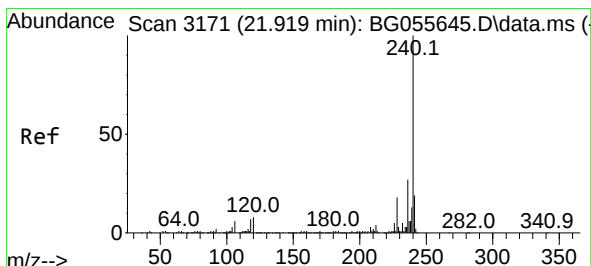
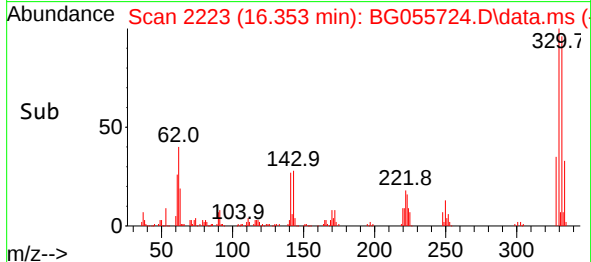
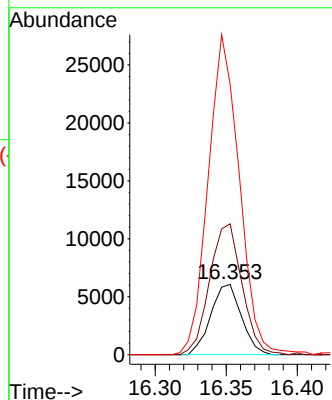
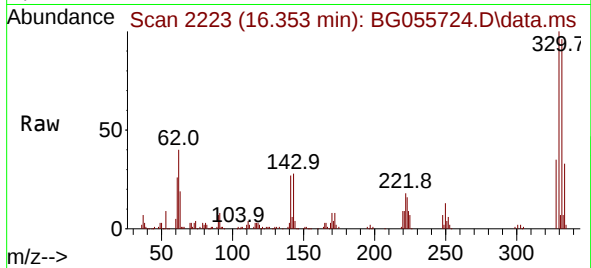




#67
4-Bromophenyl-phenylether
Concen: 2.790 ng
RT: 16.353 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

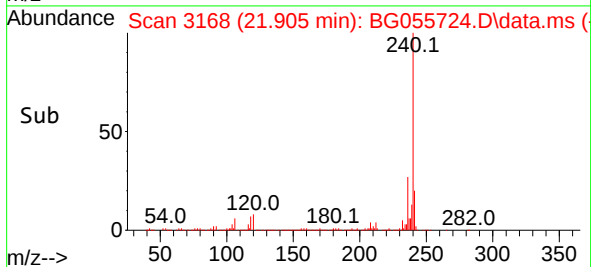
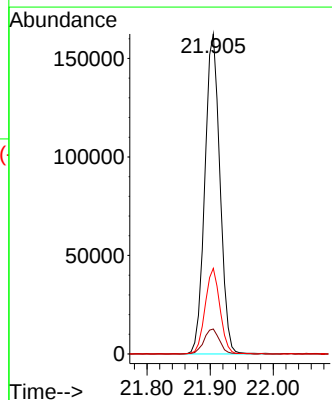
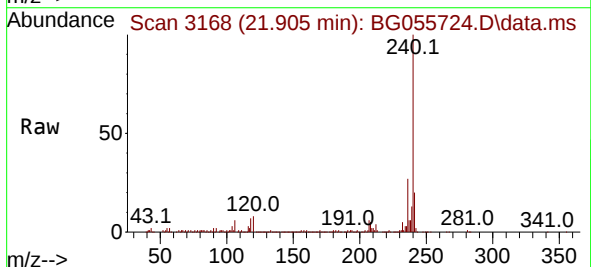
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-08

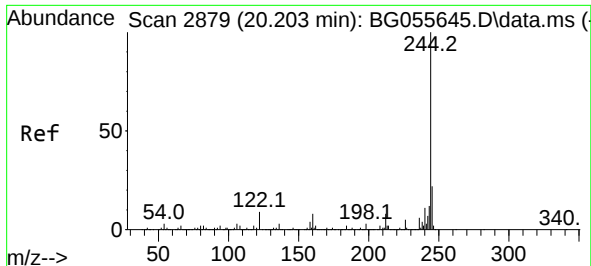
Tgt Ion:248 Resp: 9089
Ion Ratio Lower Upper
248 100
250 186.1 79.0 118.4#
141 385.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.905 min Scan# 3168
Delta R.T. -0.014 min
Lab File: BG055724.D
Acq: 21 Nov 2022 21:08

Tgt Ion:240 Resp: 269438
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.8 21.9 32.9

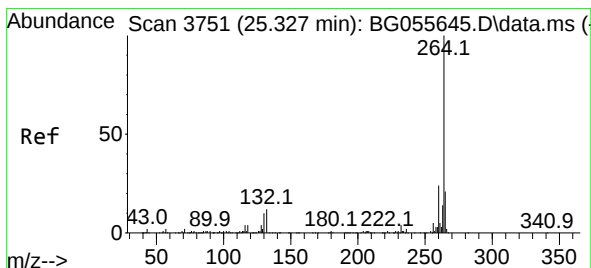
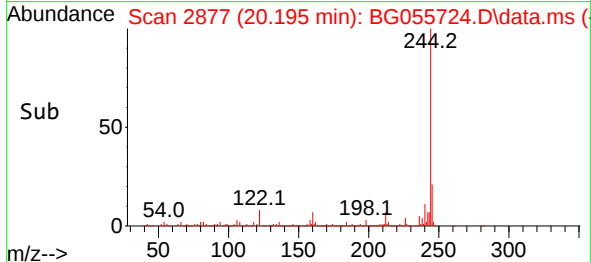
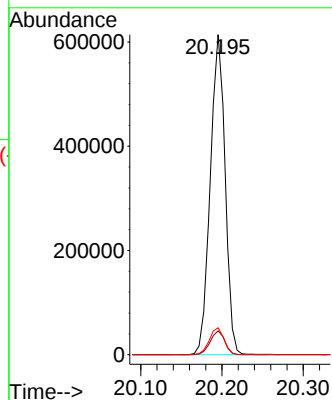
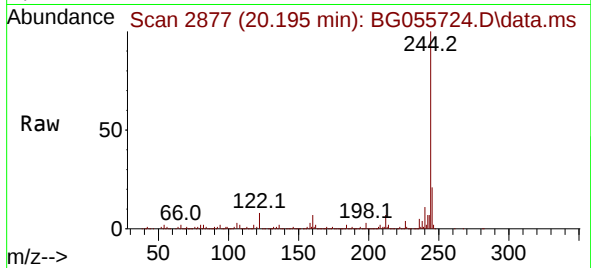




#79
 Terphenyl-d14
 Concen: 57.654 ng
 RT: 20.195 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055724.D
 Acq: 21 Nov 2022 21:08

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-08

Tgt Ion:244 Resp: 776662
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.4 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.319 min Scan# 3749
 Delta R.T. -0.008 min
 Lab File: BG055724.D
 Acq: 21 Nov 2022 21:08

Tgt Ion:264 Resp: 281881
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.8 17.1 25.7

