

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055696.D
 Acq On : 18 Nov 2022 18:54
 Operator : CG/JU
 Sample : N5504-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV34211LRE

Quant Time: Nov 18 23:58:33 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)

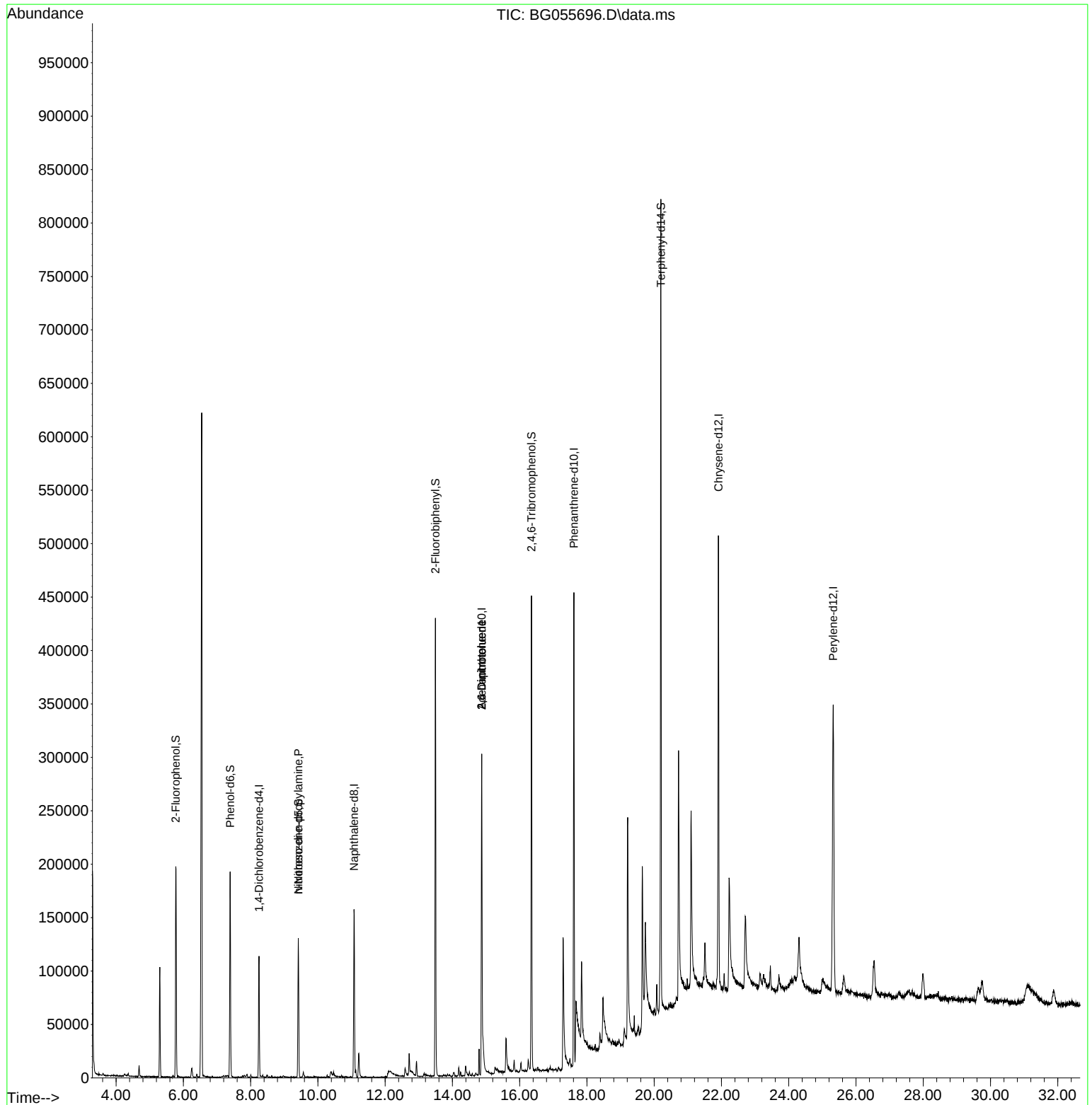
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	32694	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	138279	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	107851	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	292301	20.000	ng	0.00
76) Chrysene-d12	21.910	240	265033	20.000	ng	0.00
86) Perylene-d12	25.323	264	283632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.776	112	87851	48.569	ng	0.00
7) Phenol-d6	7.392	99	105877	43.973	ng	0.00
23) Nitrobenzene-d5	9.419	82	76606	29.281	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	91202	60.053	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	222742	30.940	ng	0.00
79) Terphenyl-d14	20.200	244	377462	28.486	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.419	70	10810	5.843	ng	# 78
51) 2,6-Dinitrotoluene	14.871	165	14039	7.986	ng	# 26
57) 2,4-Dinitrotoluene	14.871	165	14039	5.664	ng	# 24

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

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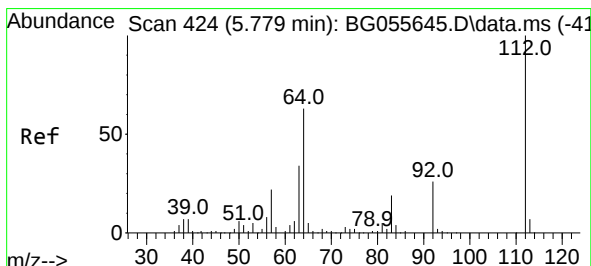
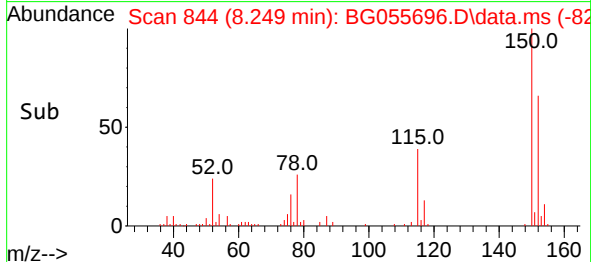
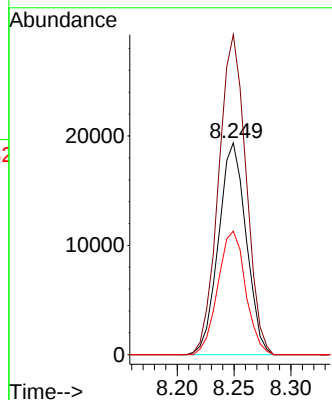
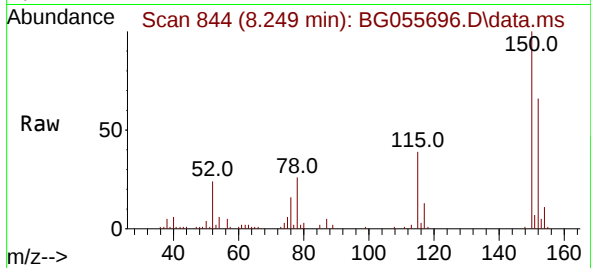




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

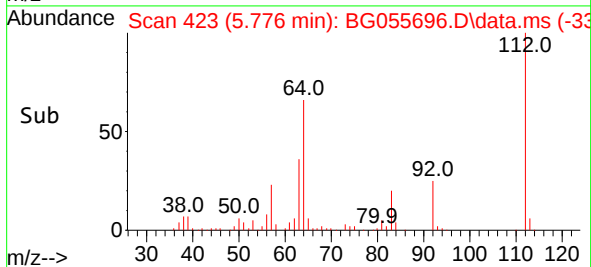
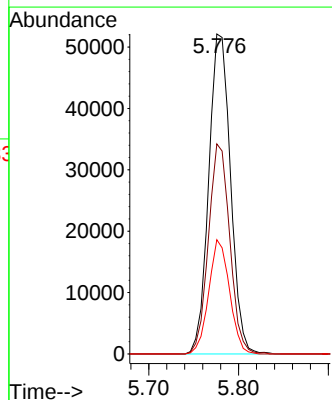
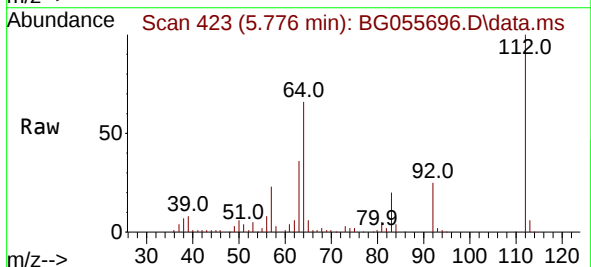
Instrument :
BNA_G
ClientSampleId :
SV34211LRE

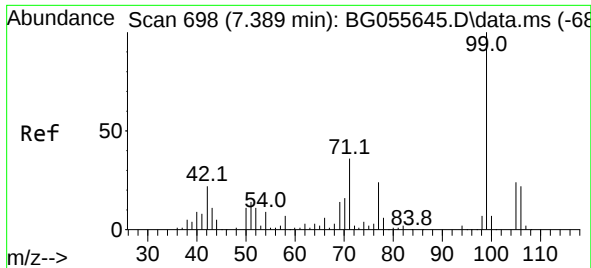
Tgt Ion:152 Resp: 32694
Ion Ratio Lower Upper
152 100
150 151.1 123.0 184.6
115 58.4 47.0 70.4



#5
2-Fluorophenol
Concen: 48.569 ng
RT: 5.776 min Scan# 423
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Tgt Ion:112 Resp: 87851
Ion Ratio Lower Upper
112 100
64 65.6 50.6 76.0
63 35.7 27.5 41.3

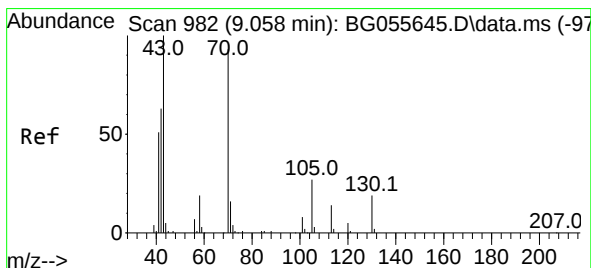
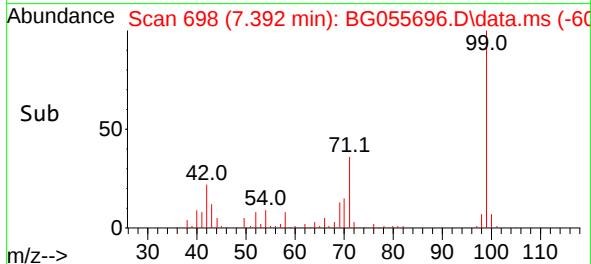
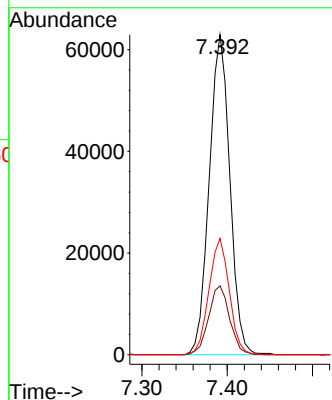
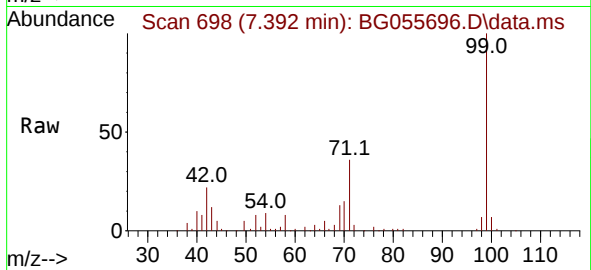




#7
Phenol-d6
Concen: 43.973 ng
RT: 7.392 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

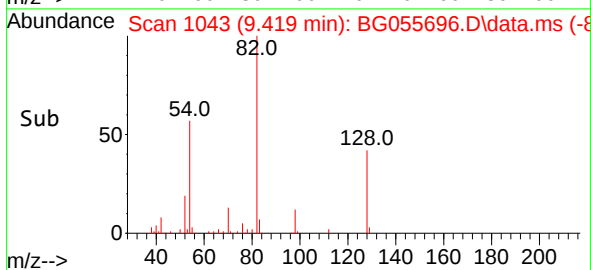
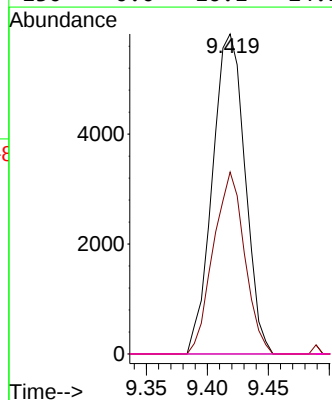
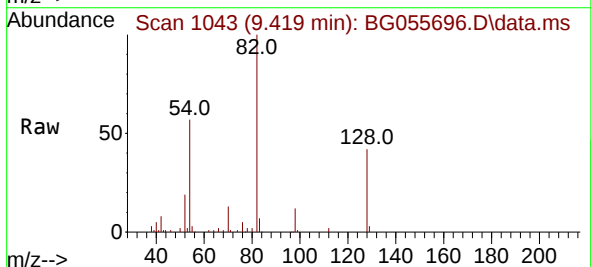
Instrument :
BNA_G
ClientSampleId :
SV34211LRE

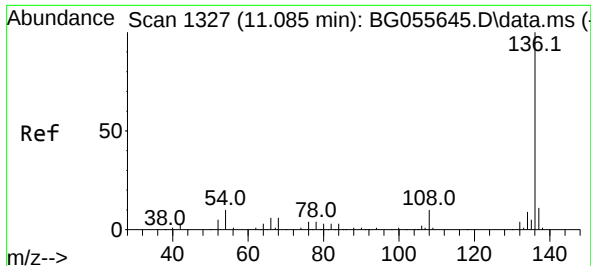
Tgt Ion: 99 Resp: 105877
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.843 ng
RT: 9.419 min Scan# 1043
Delta R.T. 0.361 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Tgt Ion: 70 Resp: 10810
Ion Ratio Lower Upper
70 100
42 56.8 55.2 82.8
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#

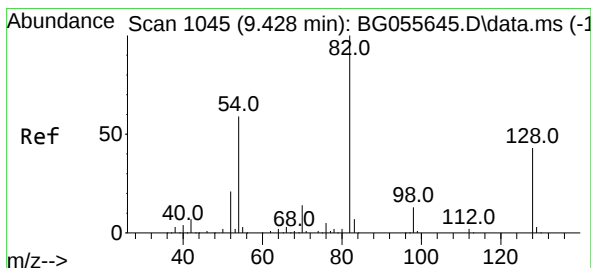
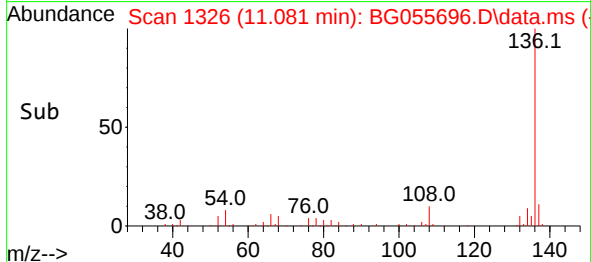
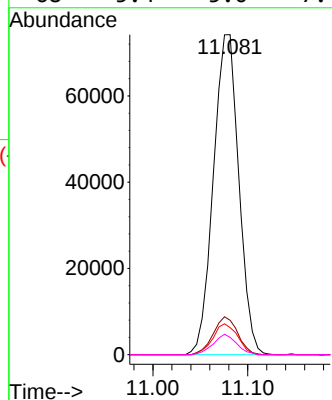
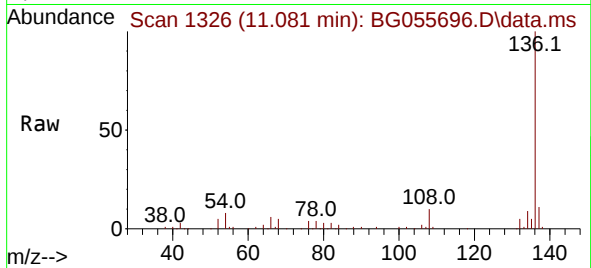




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

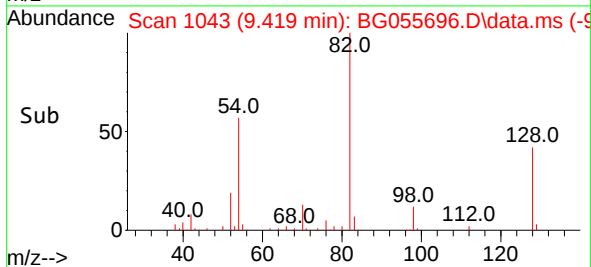
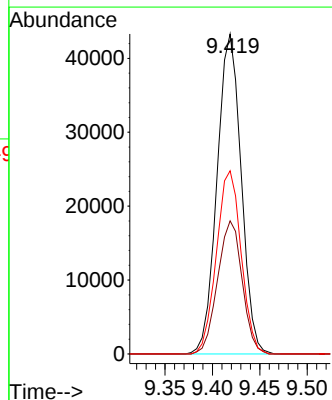
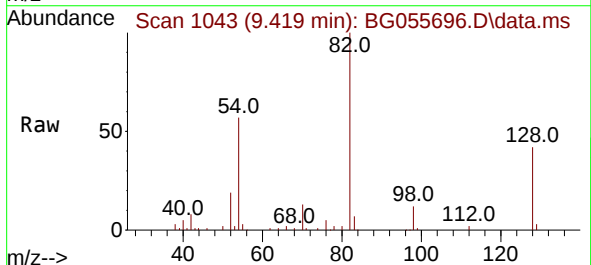
Instrument :
BNA_G
ClientSampleId :
SV34211LRE

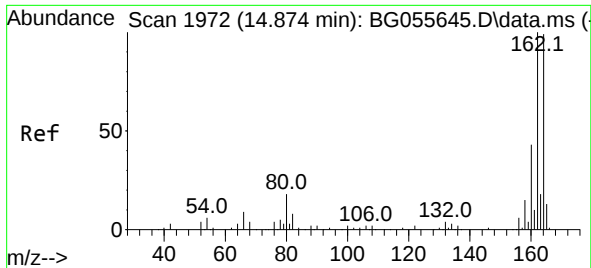
Tgt Ion:	136	Resp:	138279
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.5	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 29.281 ng
RT: 9.419 min Scan# 1043
Delta R.T. -0.009 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Tgt Ion:	82	Resp:	76606
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.1	51.1
54	57.2	47.3	70.9

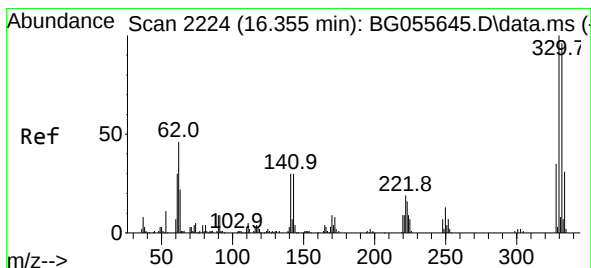
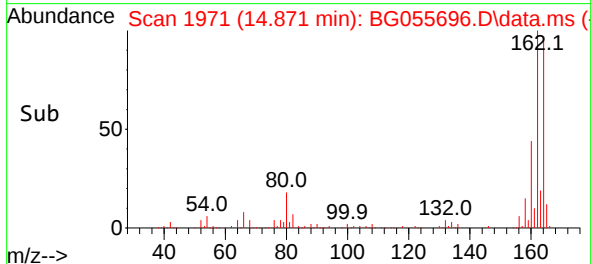
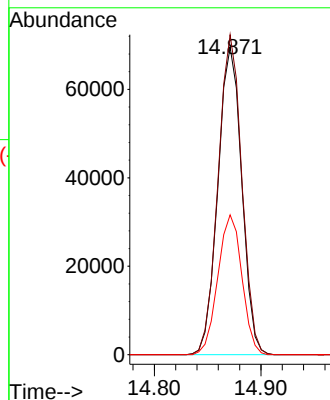
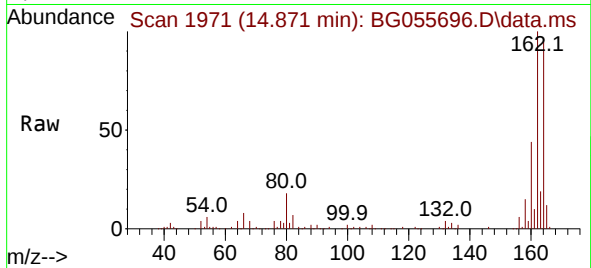




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

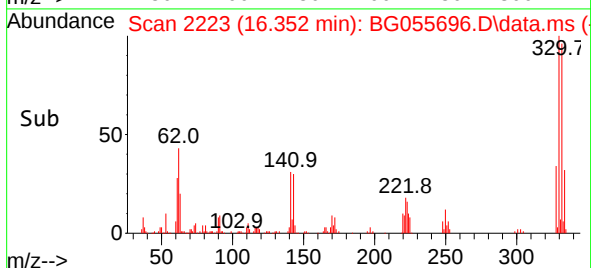
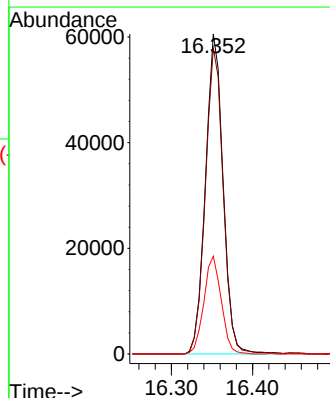
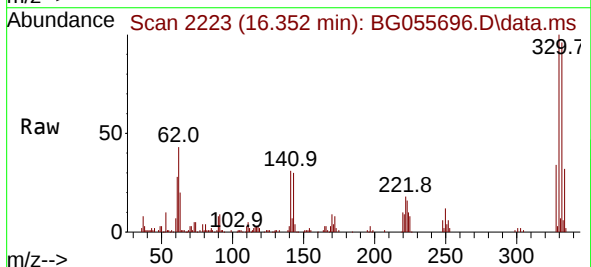
Instrument :
BNA_G
ClientSampleId :
SV34211LRE

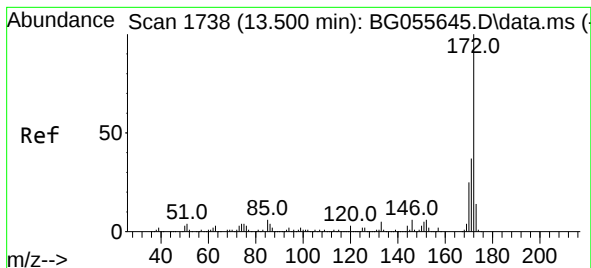
Tgt Ion:164 Resp: 107851
Ion Ratio Lower Upper
164 100
162 104.1 81.1 121.7
160 45.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 60.053 ng
RT: 16.352 min Scan# 2223
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Tgt Ion:330 Resp: 91202
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 30.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 30.940 ng

RT: 13.496 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG055696.D

Acq: 18 Nov 2022 18:54

Instrument :

BNA_G

ClientSampleId :

SV34211LRE

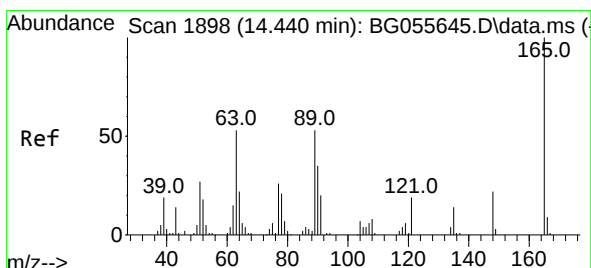
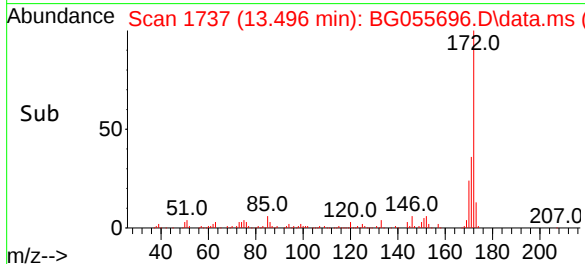
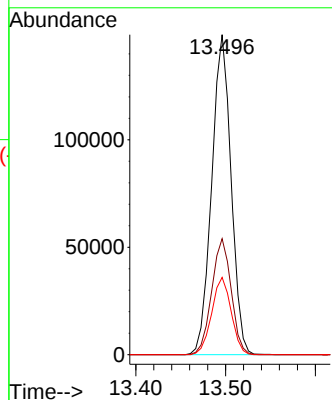
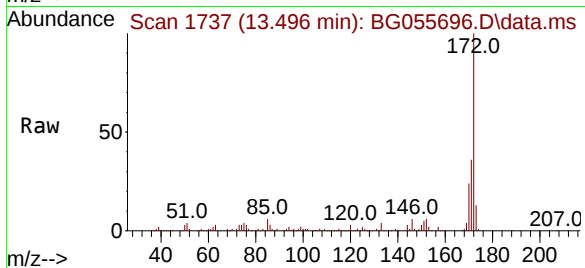
Tgt Ion:172 Resp: 222742

Ion Ratio Lower Upper

172 100

171 36.3 29.8 44.6

170 24.2 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.986 ng

RT: 14.871 min Scan# 1971

Delta R.T. 0.431 min

Lab File: BG055696.D

Acq: 18 Nov 2022 18:54

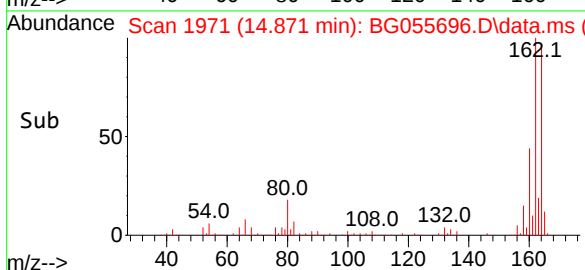
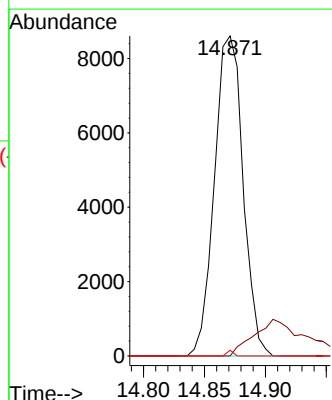
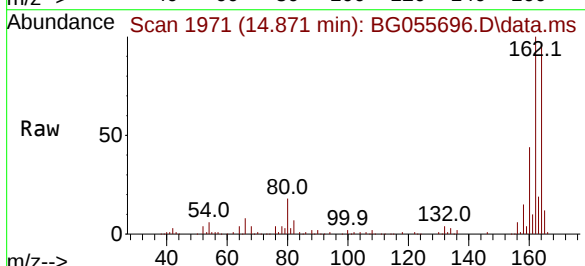
Tgt Ion:165 Resp: 14039

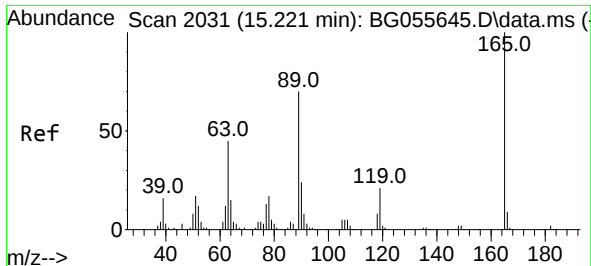
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 1.8 42.2 63.4#

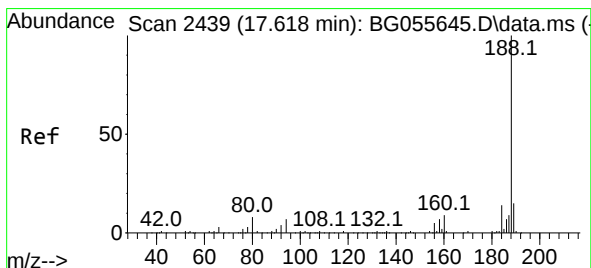
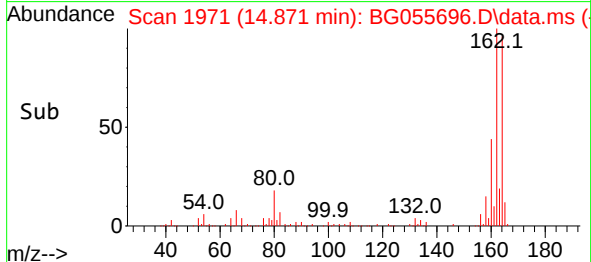
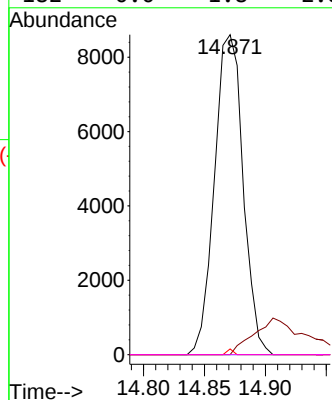
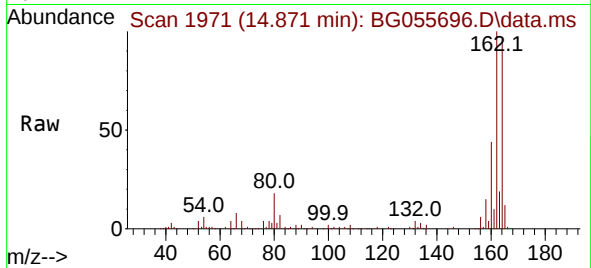




#57
2,4-Dinitrotoluene
Concen: 5.664 ng
RT: 14.871 min Scan# 14871
Delta R.T. -0.350 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

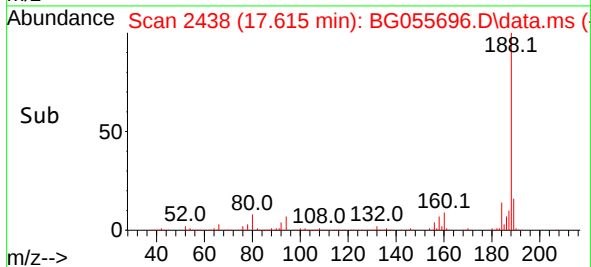
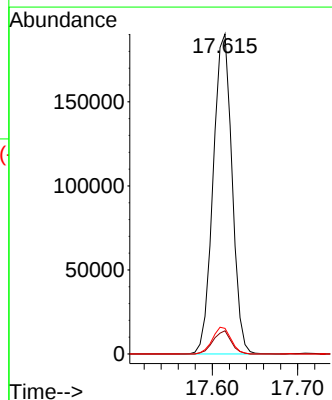
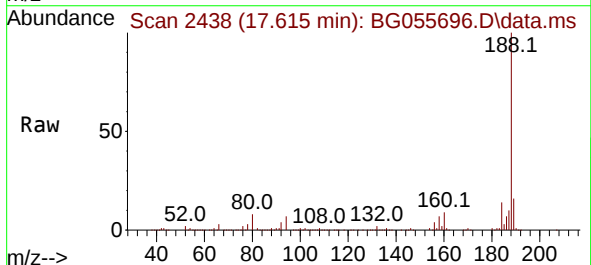
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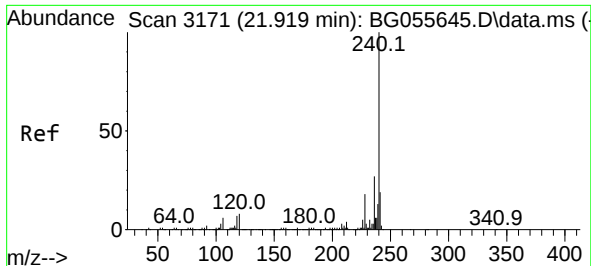
Tgt Ion:165 Resp: 14039
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 1.8 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Tgt Ion:188 Resp: 292301
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.0 6.6 10.0

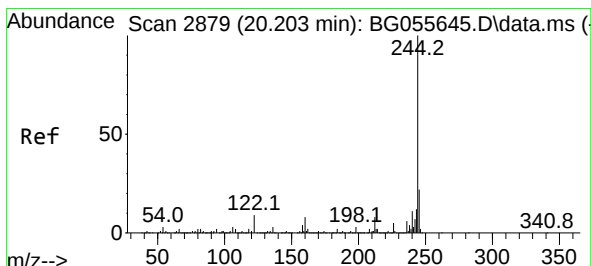
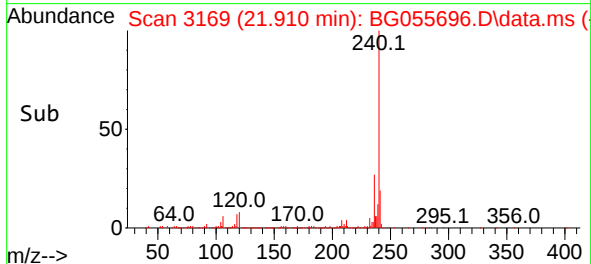
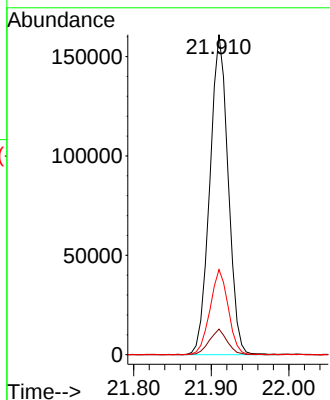
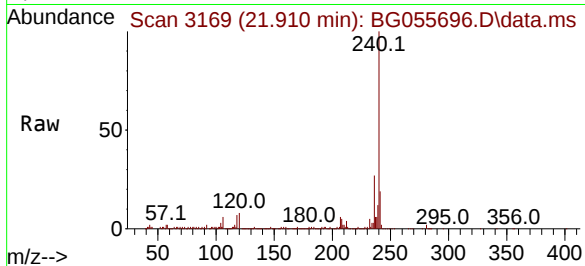




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

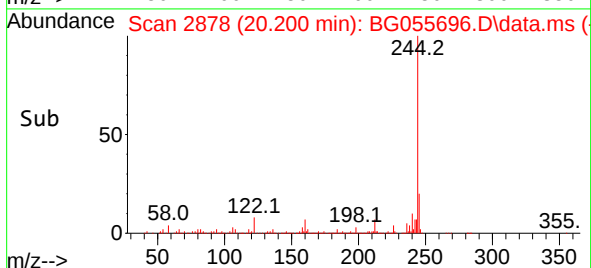
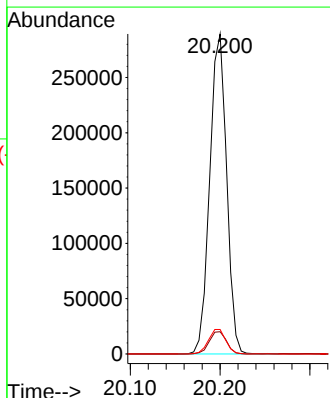
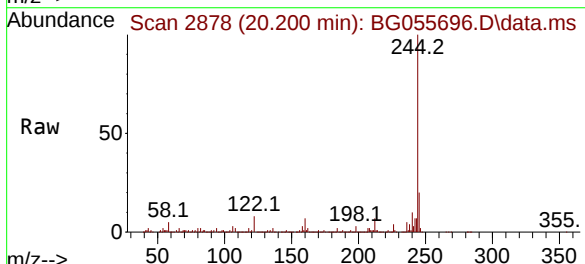
Instrument :
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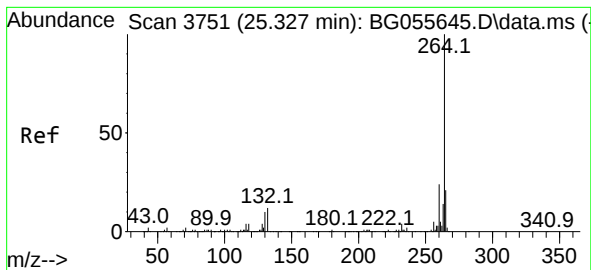
Tgt Ion:240 Resp: 265033
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.6 21.9 32.9



#79
Terphenyl-d14
Concen: 28.486 ng
RT: 20.200 min Scan# 2878
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Tgt Ion:244 Resp: 377462
Ion Ratio Lower Upper
244 100
212 6.9 6.3 9.5
122 7.6 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.323 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055696.D
Acq: 18 Nov 2022 18:54

Instrument :
BNA_G
ClientSampleId :
SV34211LRE

Tgt Ion:264 Resp: 283632
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.8 17.1 25.7

