

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055792.D
 Acq On : 25 Nov 2022 22:48
 Operator : CG/JU
 Sample : N5641-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:30:17 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 24 06:05:02 2022
 Response via : Initial Calibration

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

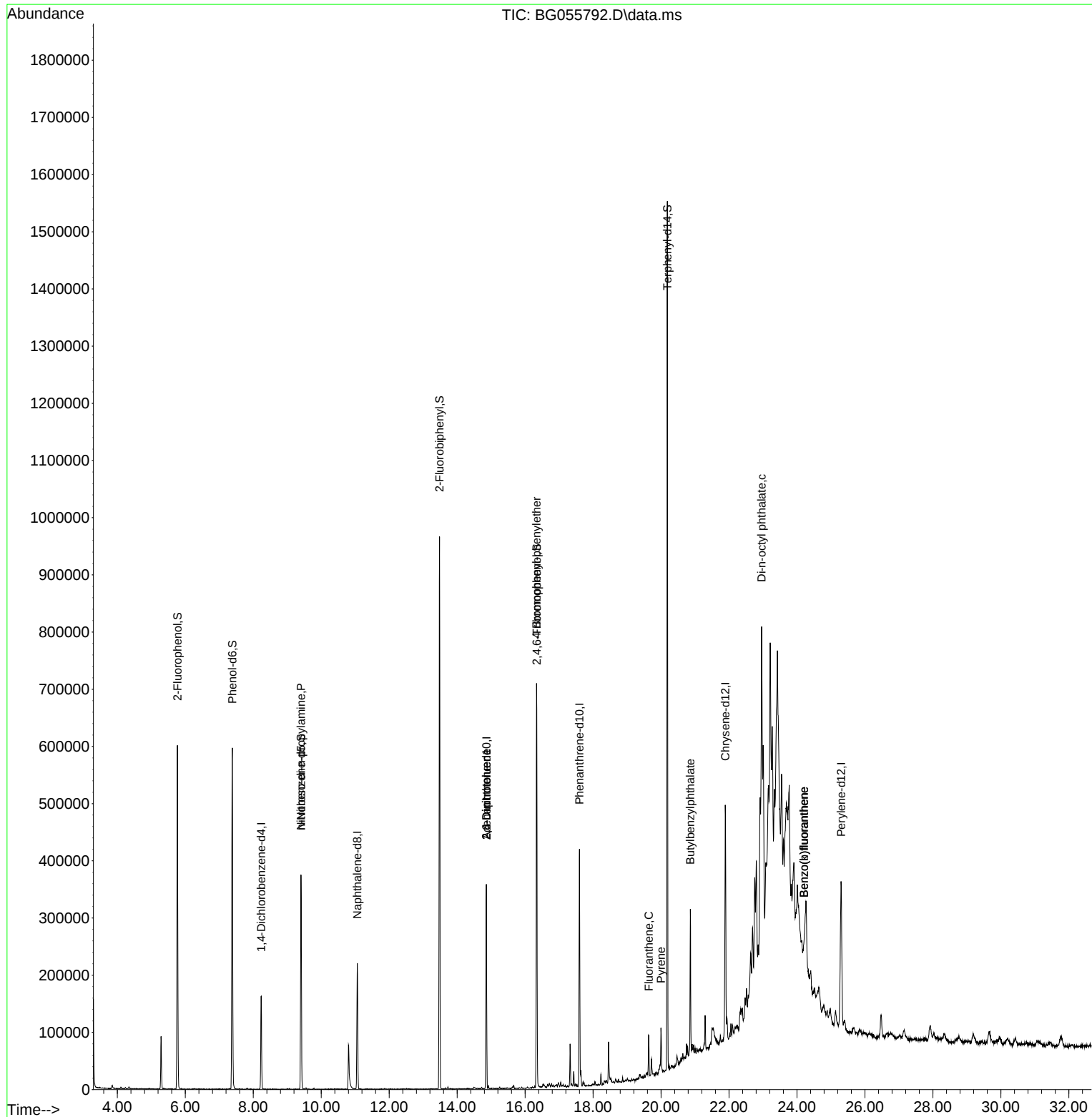
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	48419	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	193998	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	127315	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	270093	20.000	ng	0.00
76) Chrysene-d12	21.890	240	260686	20.000	ng	-0.01
86) Perylene-d12	25.298	264	272948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	268235	100.134	ng	0.00
7) Phenol-d6	7.384	99	347862	97.554	ng	0.00
23) Nitrobenzene-d5	9.405	82	217571	59.277	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	153759	85.767	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	510135	60.028	ng	0.00
79) Terphenyl-d14	20.186	244	760323	58.336	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.405	70	29064	10.608	ng	# 75
51) 2,6-Dinitrotoluene	14.857	165	16082	7.750	ng	# 24
57) 2,4-Dinitrotoluene	14.857	165	16082	5.497	ng	# 22
67) 4-Bromophenyl-phenylether	16.338	248	9773	3.176	ng	# 1
75) Fluoranthene	19.640	202	44265	2.496	ng	100
78) Pyrene	19.998	202	43047	2.440	ng	97
80) Butylbenzylphthalate	20.862	149	79880	11.564	ng	99
85) Di-n-octyl phthalate	22.959	149	144440	8.502	ng	# 36
88) Benzo(b)fluoranthene	24.205	252	40996	2.306	ng	# 91
89) Benzo(k)fluoranthene	24.205	252	40996	2.314	ng	# 91

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

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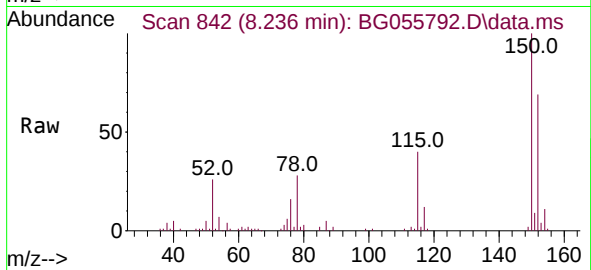
Quant Time: Nov 26 00:30:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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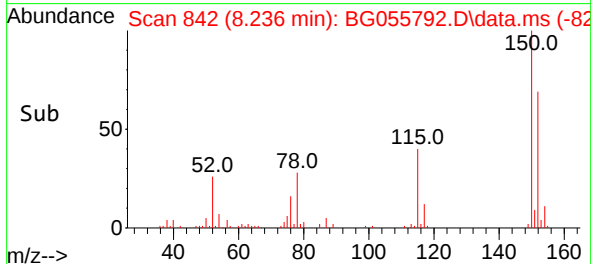
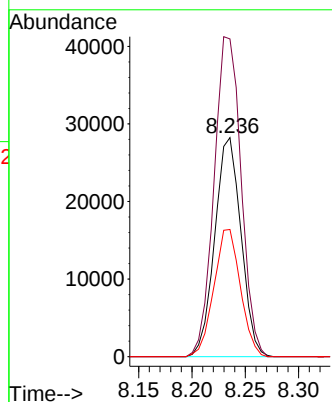


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Instrument :
BNA_G
ClientSampleId :

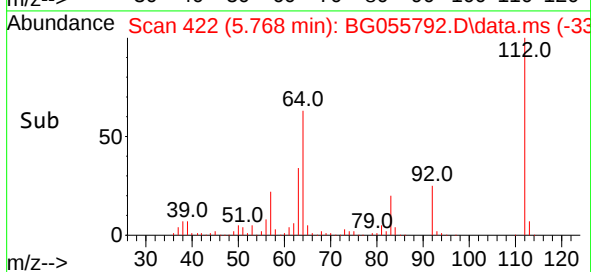
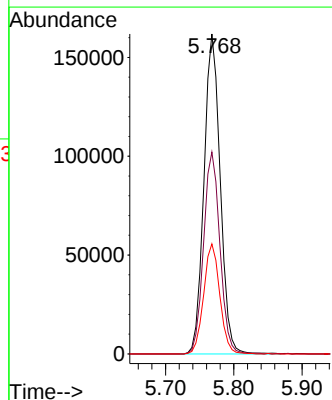
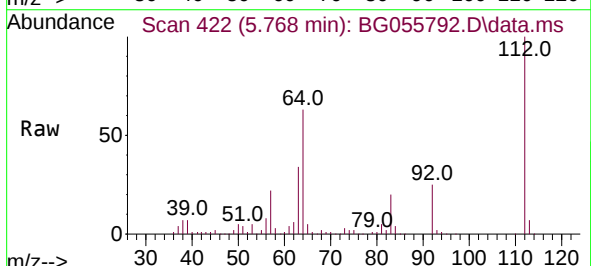


Tgt Ion:152 Resp: 48419
Ion Ratio Lower Upper
152 100
150 145.0 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 100.134 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.000 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:112 Resp: 268235
Ion Ratio Lower Upper
112 100
64 63.1 50.6 76.0
63 34.4 27.5 41.3

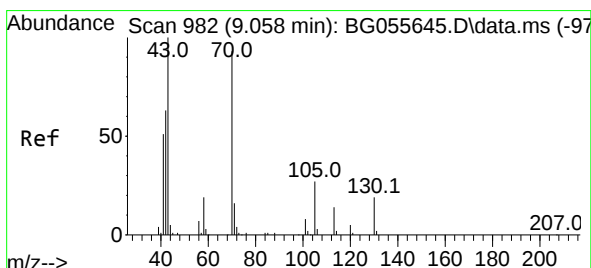
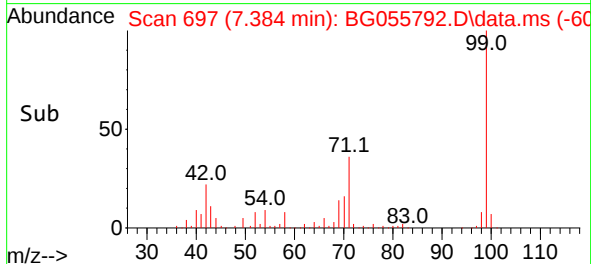
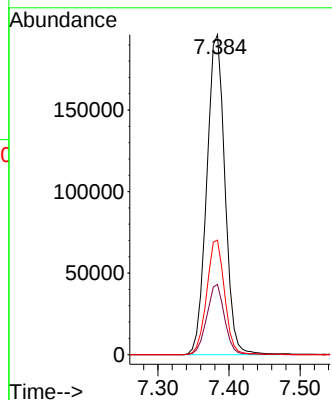
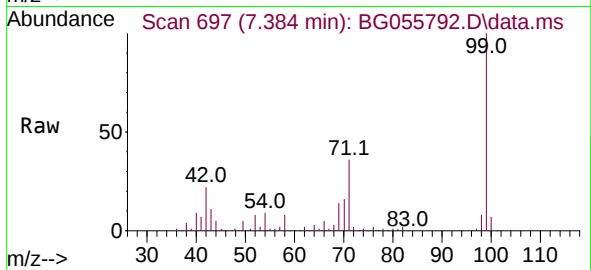




#7
Phenol-d6
Concen: 97.554 ng
RT: 7.384 min Scan# 69
Delta R.T. 0.000 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

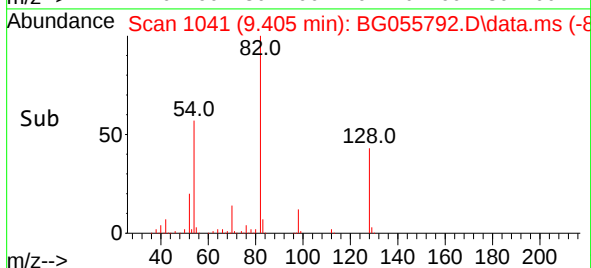
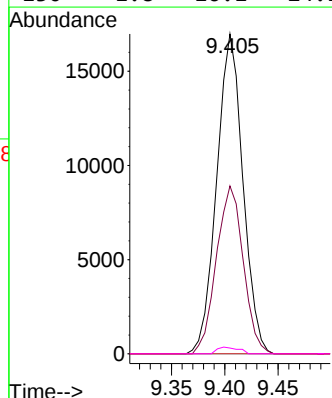
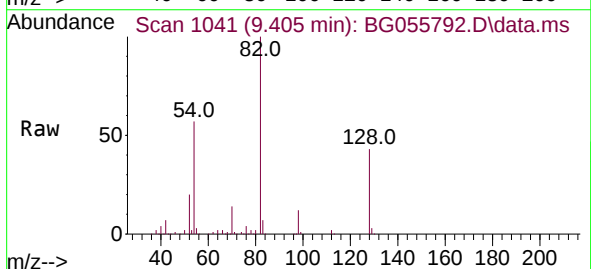
Instrument :
BNA_G
ClientSampleId :

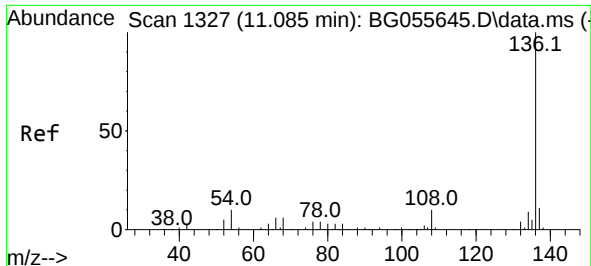
Tgt Ion: 99 Resp: 347862
Ion Ratio Lower Upper
99 100
42 21.9 18.0 27.0
71 35.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.608 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.358 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

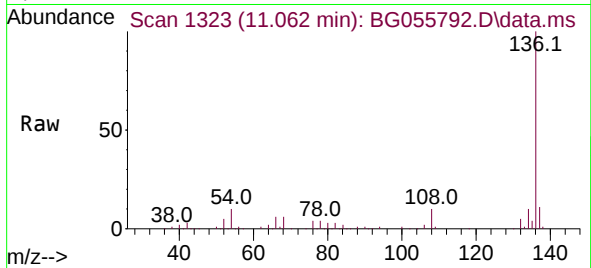
Tgt Ion: 70 Resp: 29064
Ion Ratio Lower Upper
70 100
42 52.5 55.2 82.8#
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#



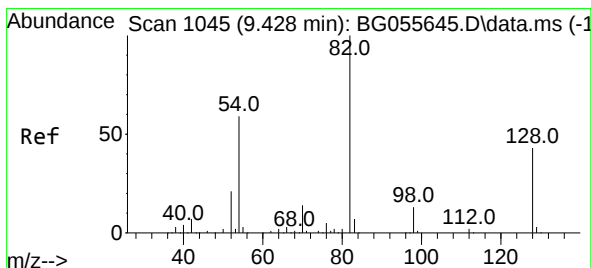
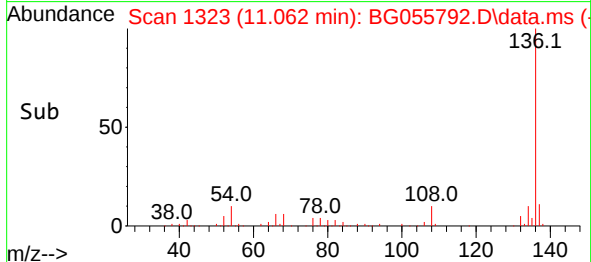
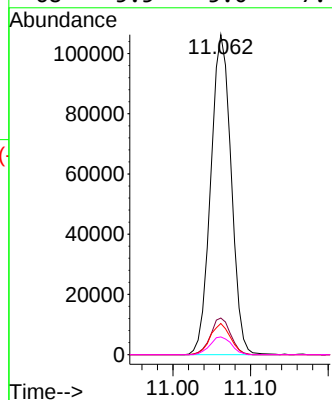


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Instrument :
BNA_G
ClientSampleId :

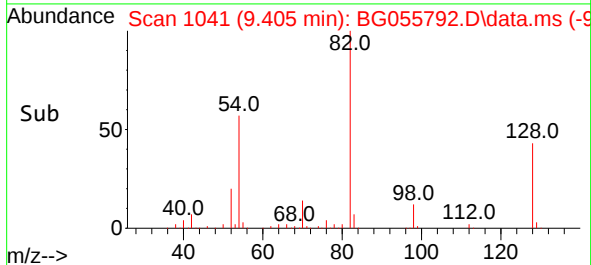
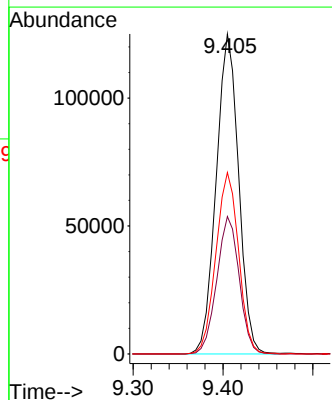
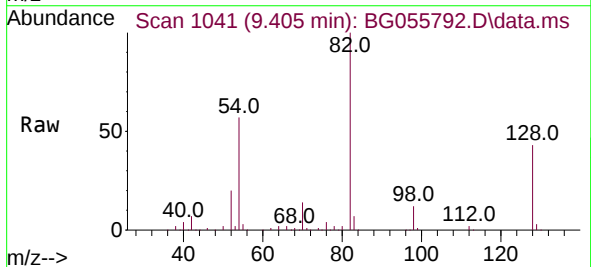


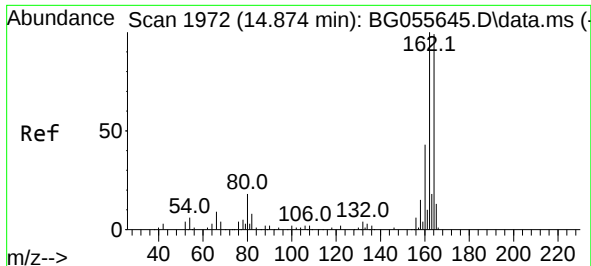
Tgt Ion:	136	Resp:	193998
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	9.7	7.8	11.6
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 59.277 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:	82	Resp:	217571
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.1	51.1
54	56.7	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

Instrument :

BNA_G

ClientSampleId :

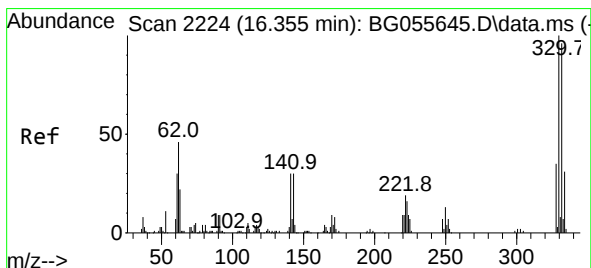
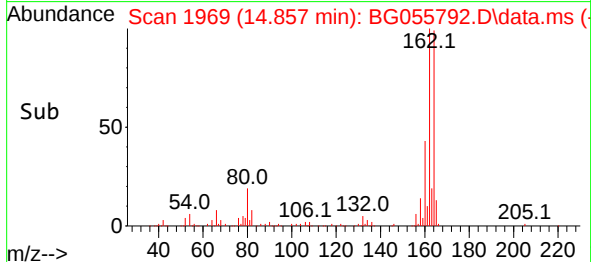
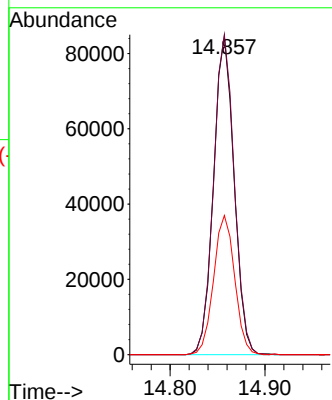
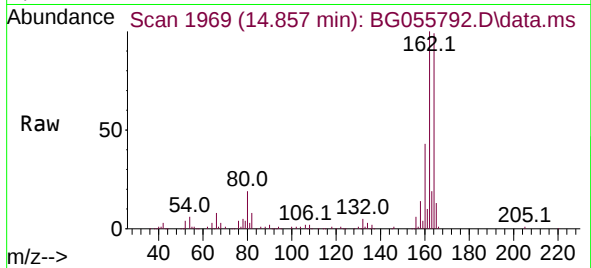
Tgt Ion:164 Resp: 127315

Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

160 43.7 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 85.767 ng

RT: 16.344 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

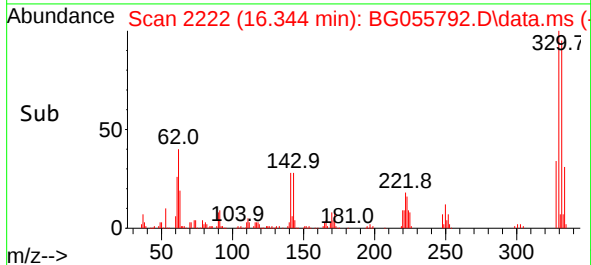
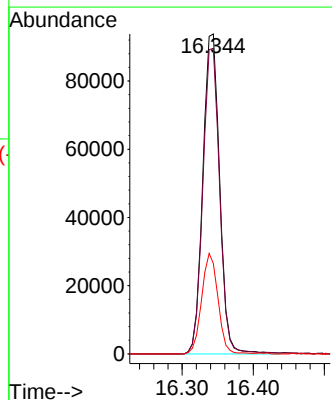
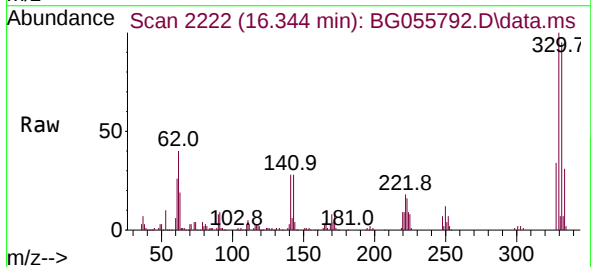
Tgt Ion:330 Resp: 153759

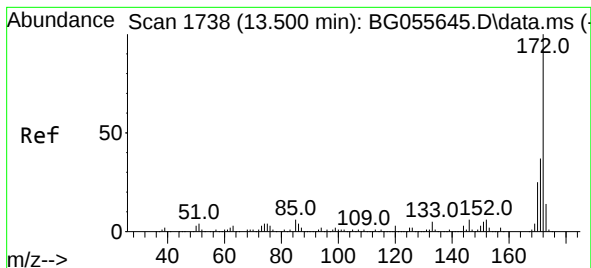
Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.8

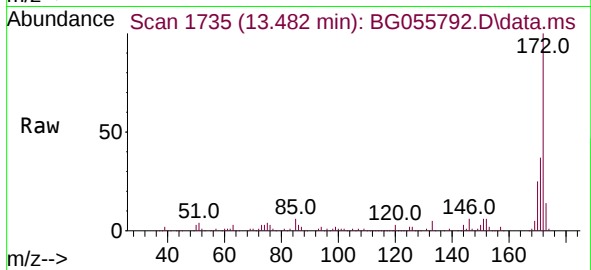
141 30.3 23.9 35.9



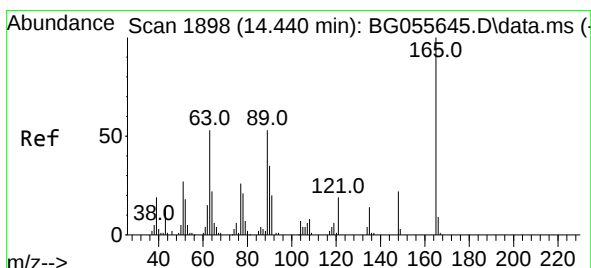
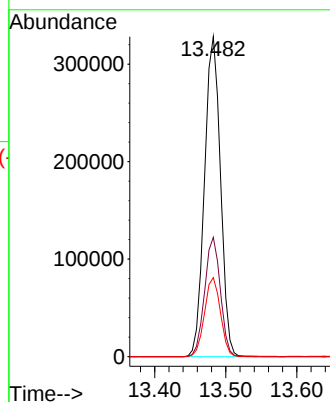
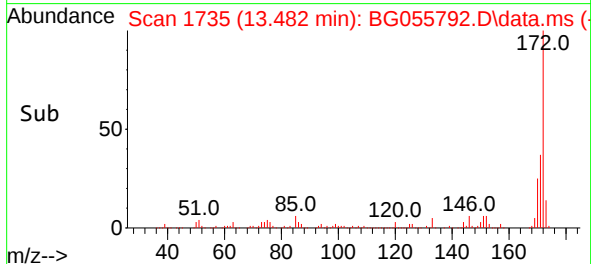


#45
2-Fluorobiphenyl
Concen: 60.028 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

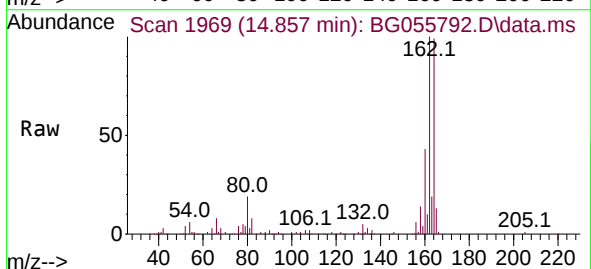
Instrument :
BNA_G
ClientSampleId :



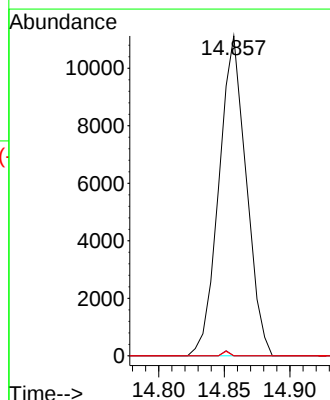
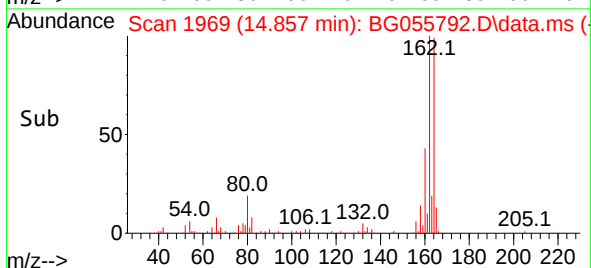
Tgt Ion:172 Resp: 510135
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.7 20.2 30.4

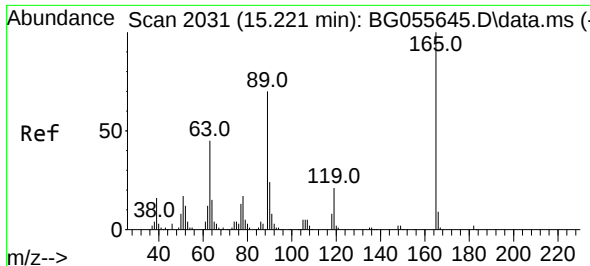


#51
2,6-Dinitrotoluene
Concen: 7.750 ng
RT: 14.857 min Scan# 1969
Delta R.T. 0.423 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48



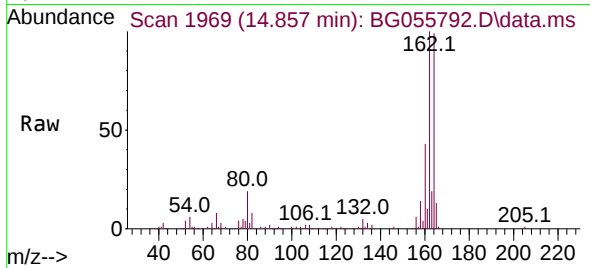
Tgt Ion:165 Resp: 16082
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#



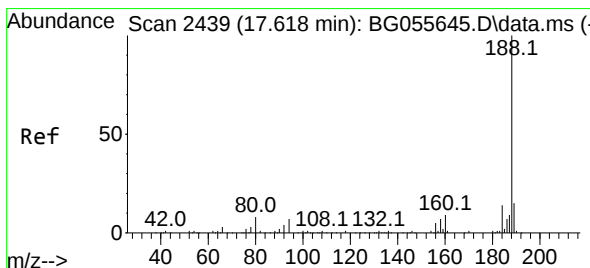
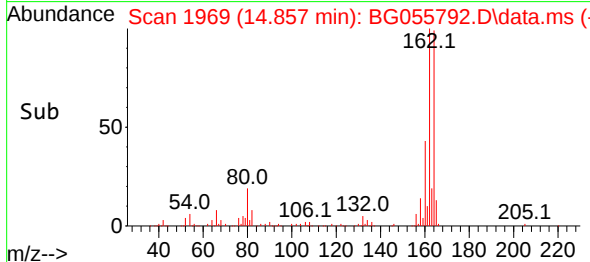
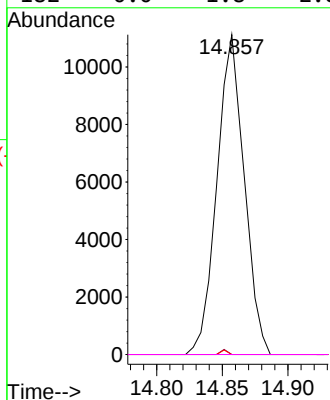


#57
2,4-Dinitrotoluene
Concen: 5.497 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.358 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Instrument :
BNA_G
ClientSampleId :

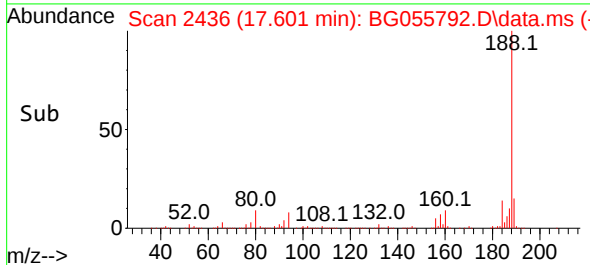
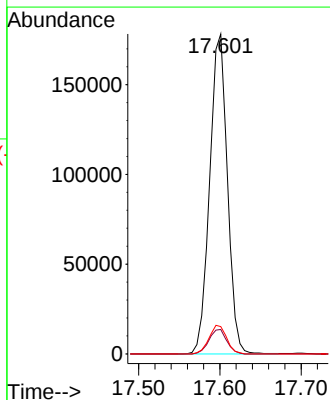
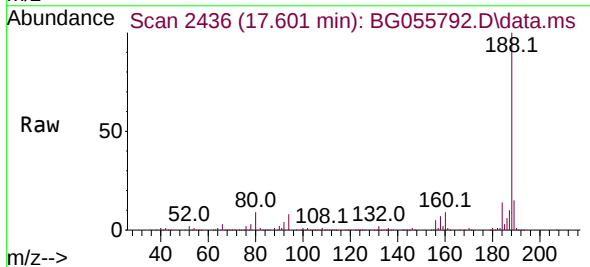


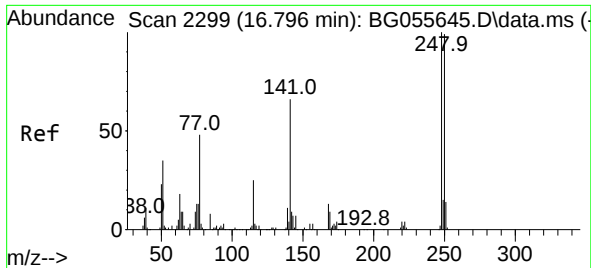
Tgt Ion:165 Resp: 16082
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:188 Resp: 270093
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.2
80 8.5 6.6 10.0

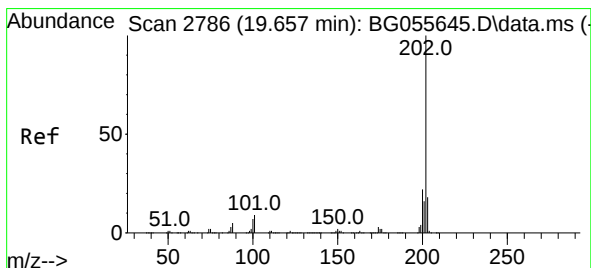
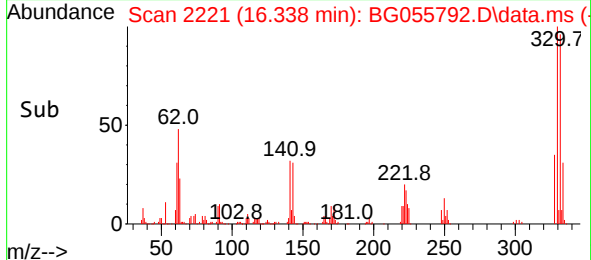
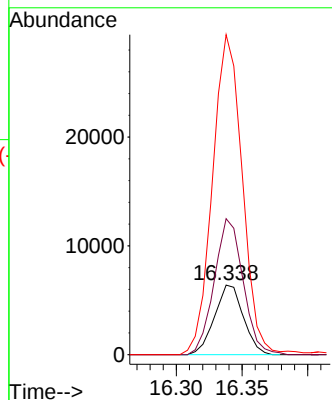
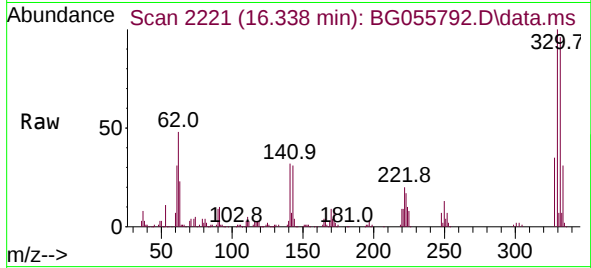




#67
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 16.338 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

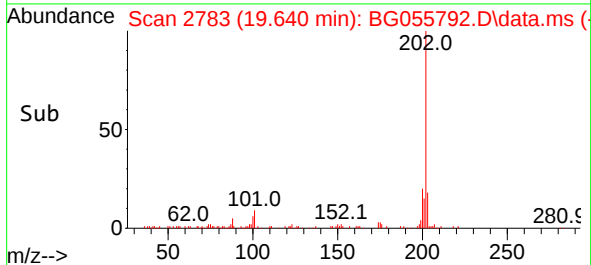
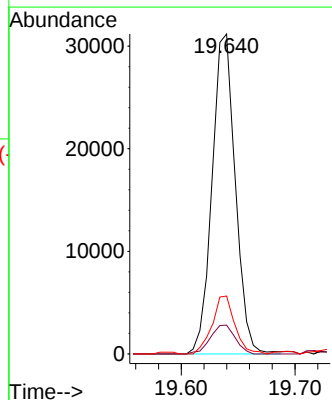
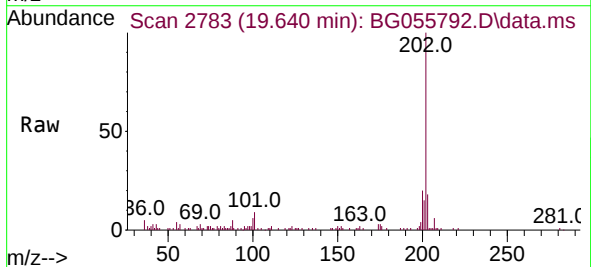
Instrument :
BNA_G
ClientSampleId :

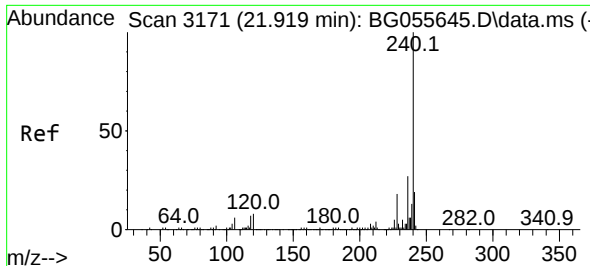
Tgt Ion:248 Resp: 9773
Ion Ratio Lower Upper
248 100
250 195.4 79.0 118.4#
141 460.0 52.9 79.3#



#75
Fluoranthene
Concen: 2.496 ng
RT: 19.640 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:202 Resp: 44265
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.1 0.0 38.1

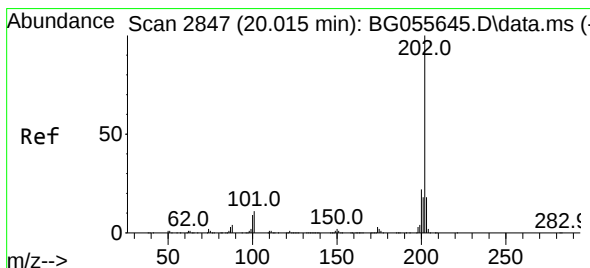
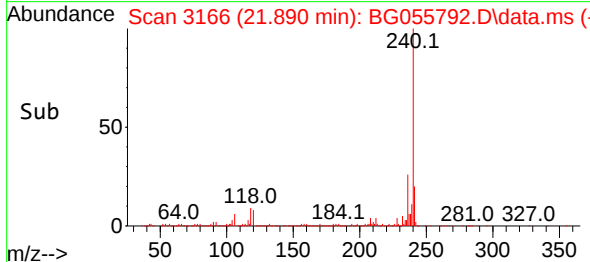
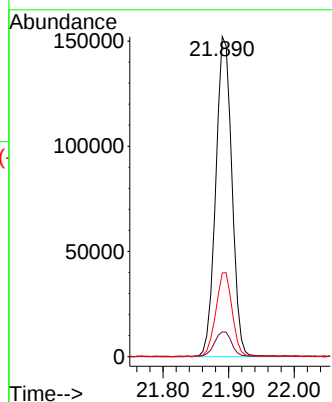
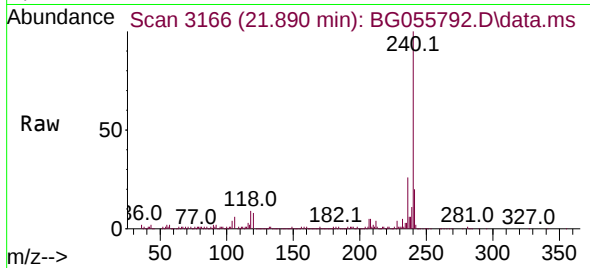




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

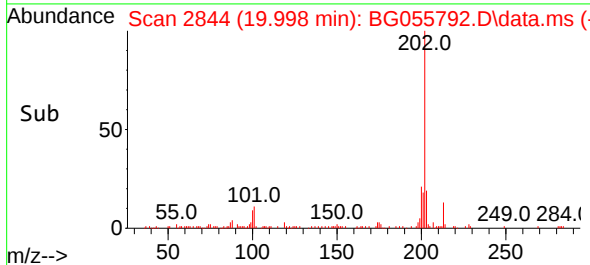
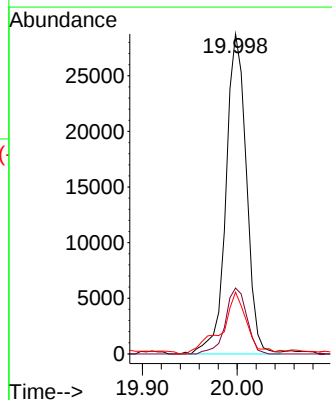
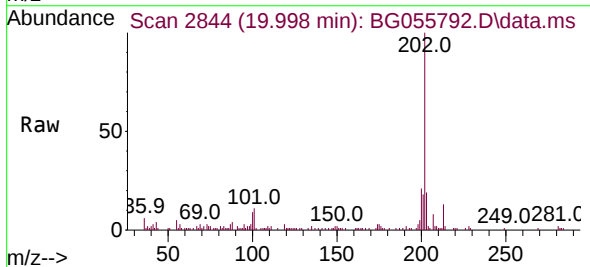
Instrument :
BNA_G
ClientSampleId :

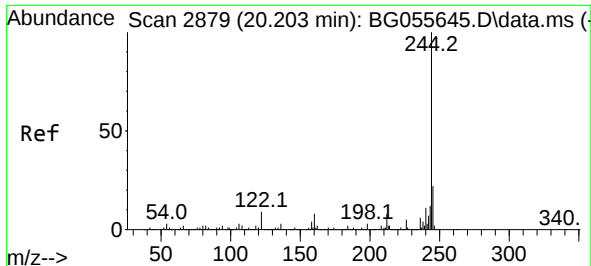
Tgt Ion:240 Resp: 260686
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 26.2 21.9 32.9



#78
Pyrene
Concen: 2.440 ng
RT: 19.998 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

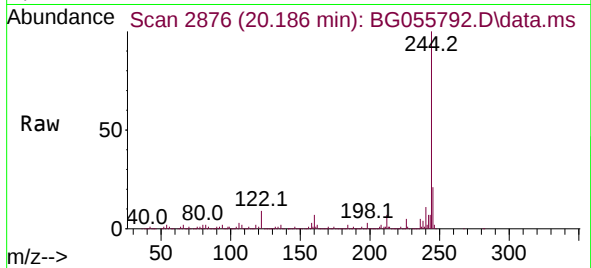
Tgt Ion:202 Resp: 43047
Ion Ratio Lower Upper
202 100
200 20.6 17.8 26.6
203 19.3 14.4 21.6



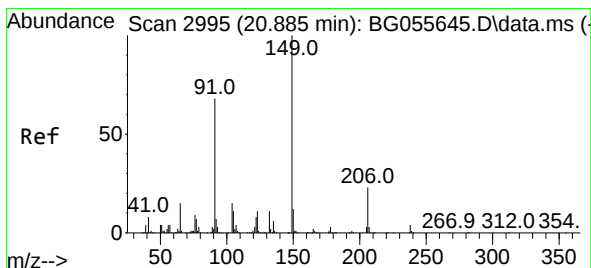
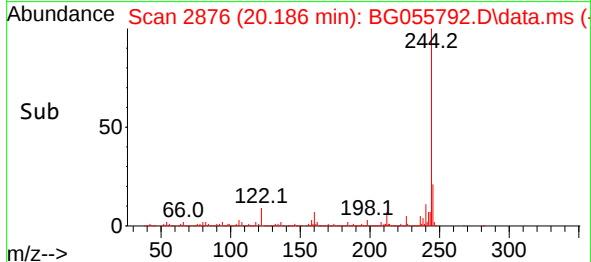
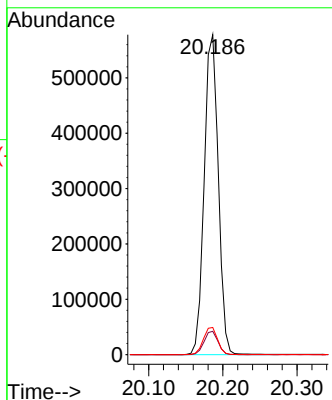


#79
 Terphenyl-d14
 Concen: 58.336 ng
 RT: 20.186 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BG055792.D
 Acq: 25 Nov 2022 22:48

Instrument :
 BNA_G
 ClientSampleId :

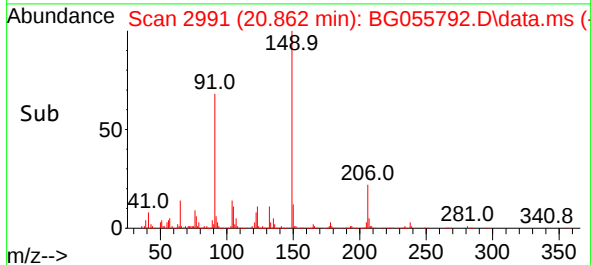
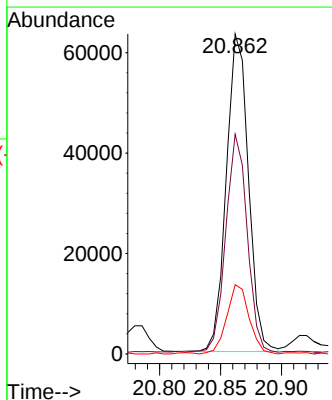
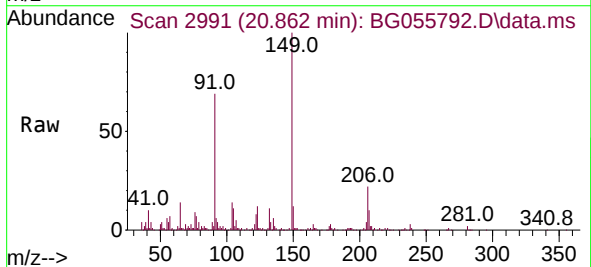


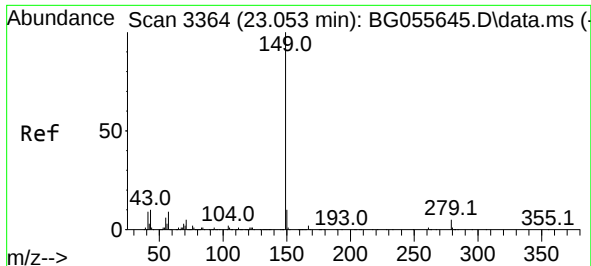
Tgt Ion:244 Resp: 760323
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 8.5 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 11.564 ng
 RT: 20.862 min Scan# 2991
 Delta R.T. -0.006 min
 Lab File: BG055792.D
 Acq: 25 Nov 2022 22:48

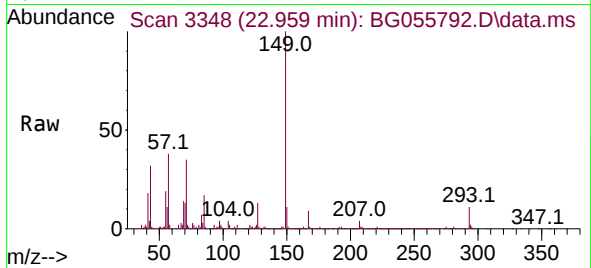
Tgt Ion:149 Resp: 79880
 Ion Ratio Lower Upper
 149 100
 91 68.6 54.6 81.8
 206 21.6 18.3 27.5



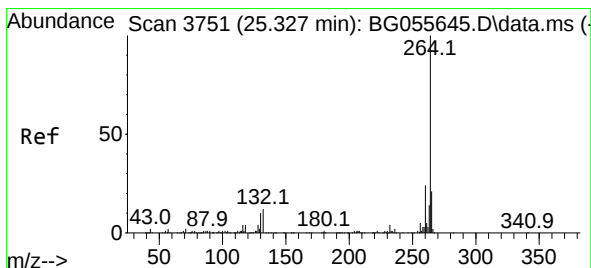
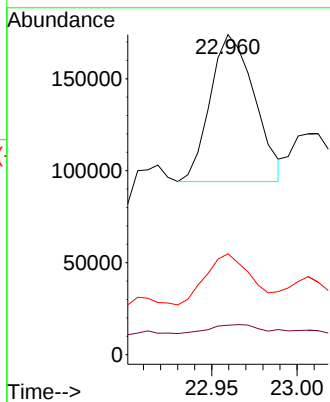
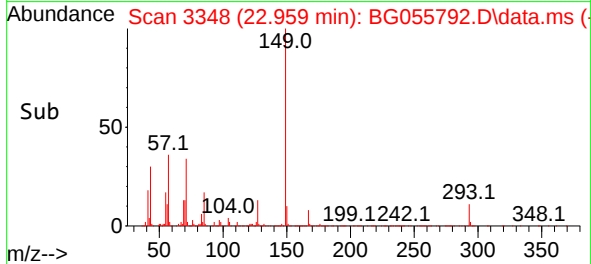


#85
Di-n-octyl phthalate
Concen: 8.502 ng
RT: 22.959 min Scan# 3364
Delta R.T. -0.065 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

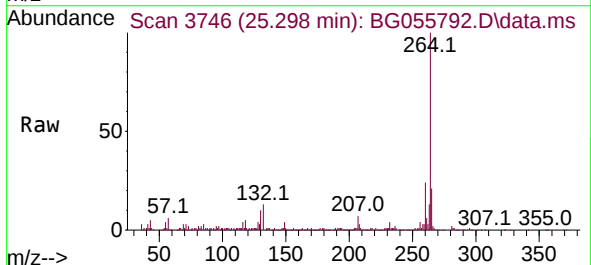
Instrument :
BNA_G
ClientSampleId :



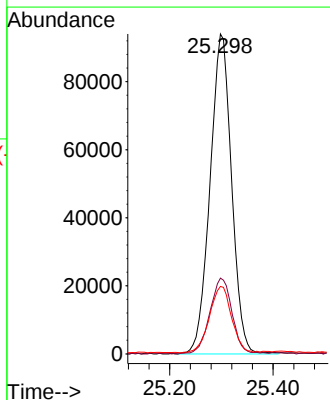
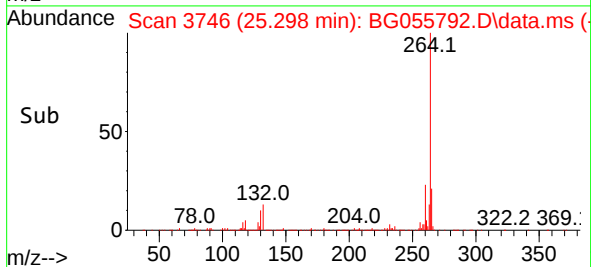
Tgt Ion:149 Resp: 144440
Ion Ratio Lower Upper
149 100
167 23.5 1.3 1.9#
43 34.7 8.4 12.6#

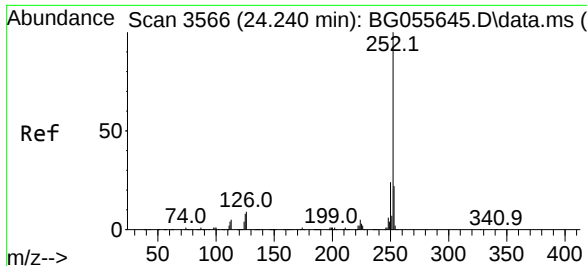


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.298 min Scan# 3746
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48



Tgt Ion:264 Resp: 272948
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.1 17.1 25.7

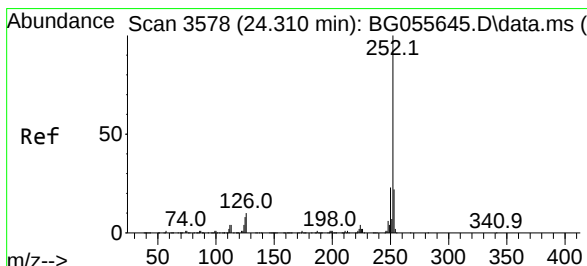
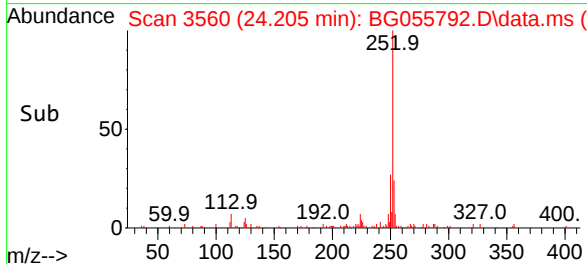
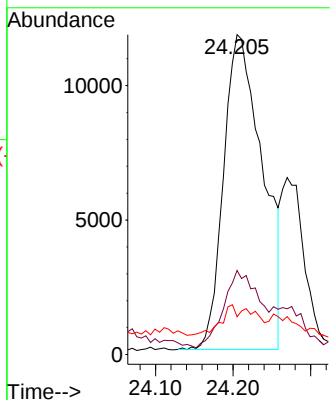
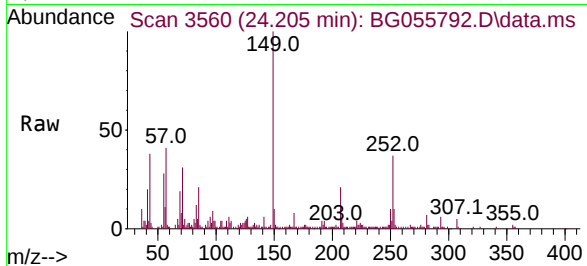




#88
Benzo(b)fluoranthene
Concen: 2.306 ng
RT: 24.205 min Scan# 3560
Delta R.T. -0.012 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 40996
Ion Ratio Lower Upper
252 100
253 26.3 18.0 27.0
125 11.8 6.2 9.2#



#89
Benzo(k)fluoranthene
Concen: 2.314 ng
RT: 24.205 min Scan# 3560
Delta R.T. -0.088 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:252 Resp: 40996
Ion Ratio Lower Upper
252 100
253 26.3 17.8 26.6
125 11.8 6.1 9.1#

