

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050692.D
 Acq On : 22 Oct 2021 16:54
 Operator : CG/JU
 Sample : M4313-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124027

Quant Time: Oct 22 17:38:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

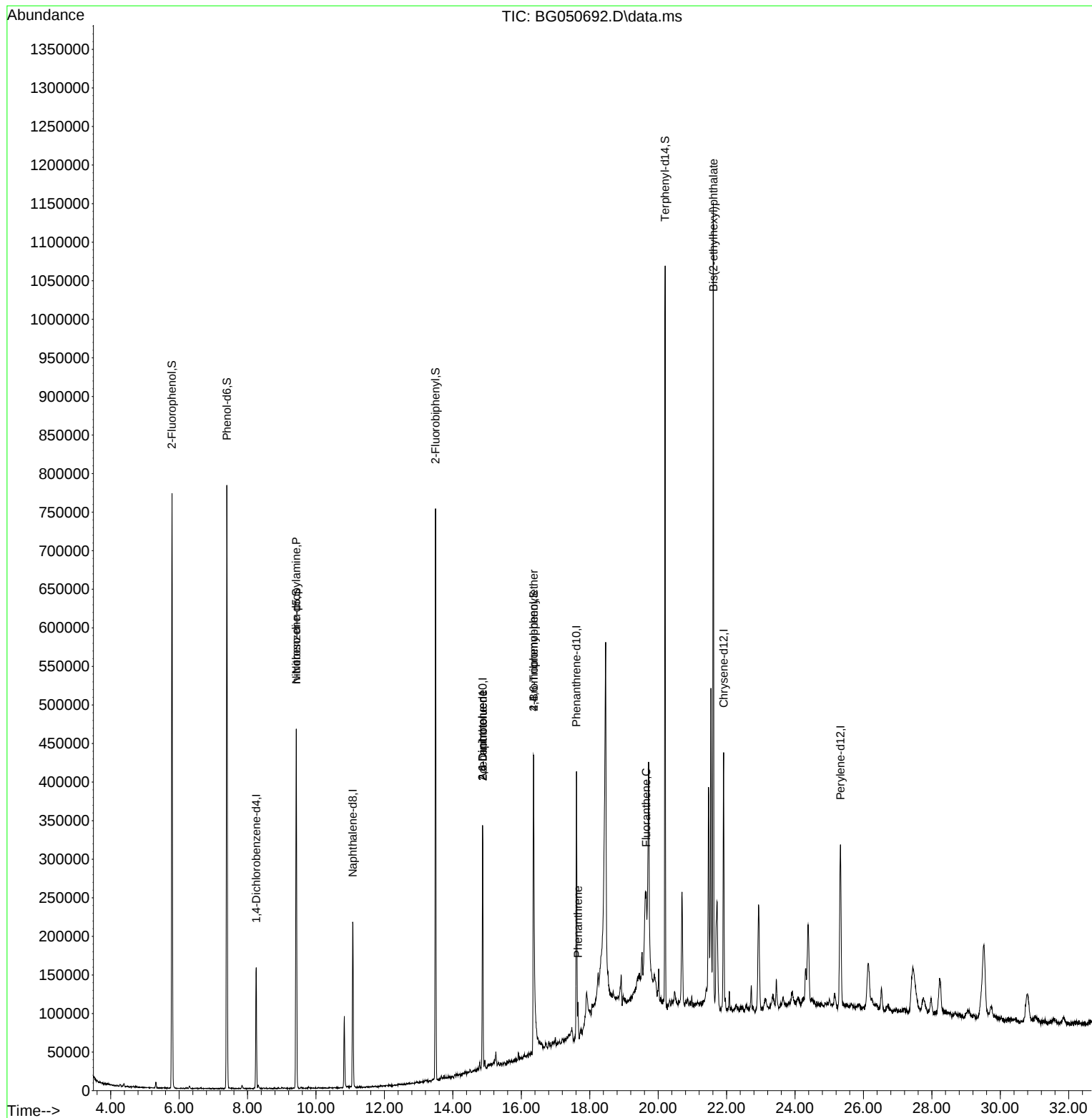
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	41804	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	179315	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	110047	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	214189	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	194409	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	193968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	327380	117.120	ng	0.00
7) Phenol-d6	7.395	99	436482	107.852	ng	0.00
23) Nitrobenzene-d5	9.422	82	300030	69.263	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	97202	92.604	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	358173	48.985	ng	-0.01
79) Terphenyl-d14	20.204	244	424408	42.544	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.401	77	1098	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	42647	14.458	ng	# 72
51) 2,6-Dinitrotoluene	14.869	165	14559	8.739	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	14559	6.200	ng	# 17
67) 4-Bromophenyl-phenylether	16.361	248	6513	3.018	ng	# 1
71) Phenanthrene	17.660	178	27122	2.403	ng	# 94
75) Fluoranthene	19.651	202	29376	2.117	ng	92
84) Bis(2-ethylhexyl)phtha...	21.614	149	415386	50.108	ng	# 53

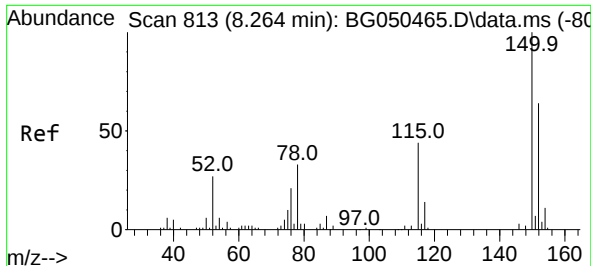
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050692.D
Acq On : 22 Oct 2021 16:54
Operator : CG/JU
Sample : M4313-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124027

Quant Time: Oct 22 17:38:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

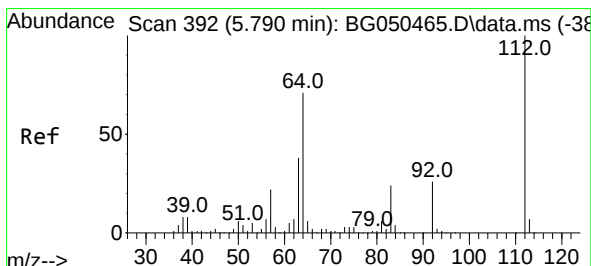
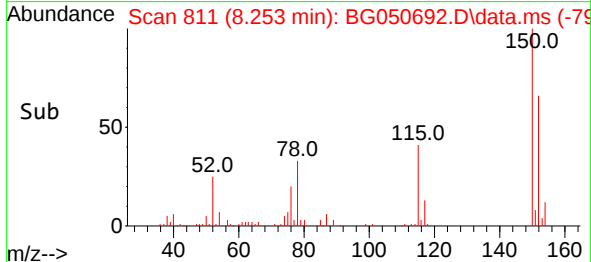
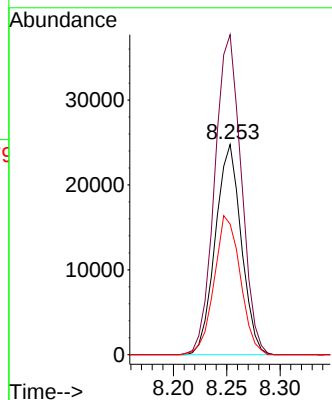
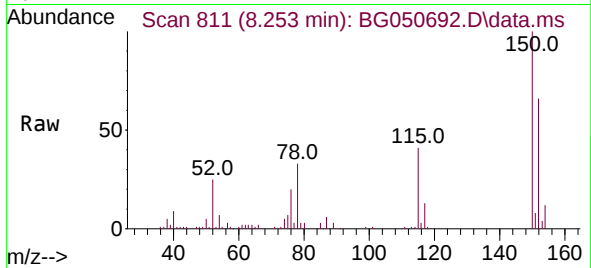




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

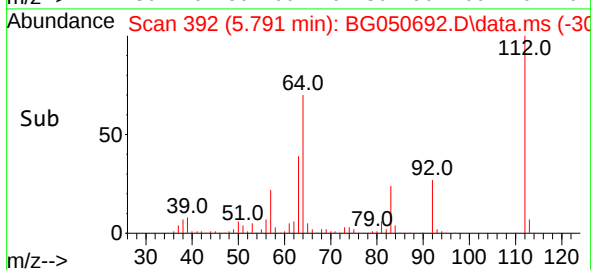
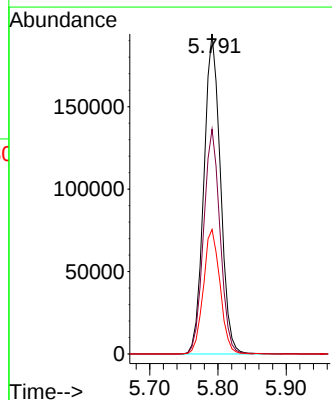
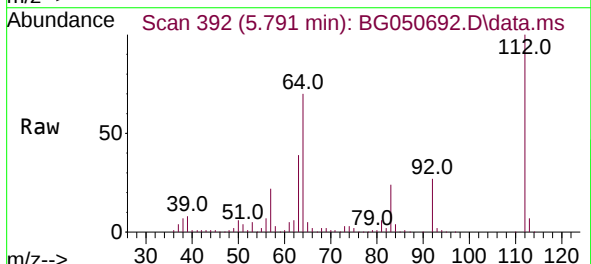
Instrument :
BNA_G
ClientSampleId :
124027

Tgt Ion:152 Resp: 41804
Ion Ratio Lower Upper
152 100
150 152.2 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 117.120 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:112 Resp: 327380
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 38.9 35.3 52.9

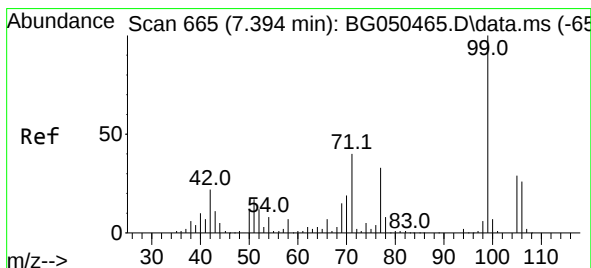
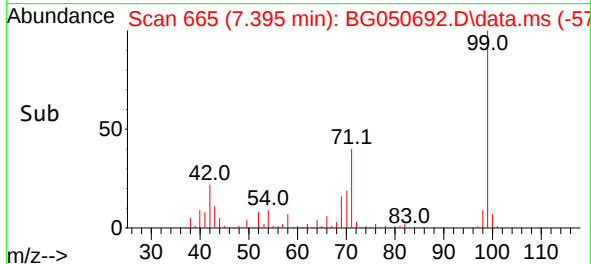
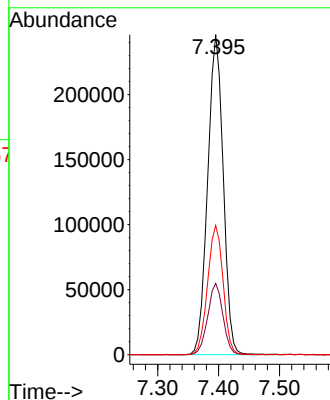
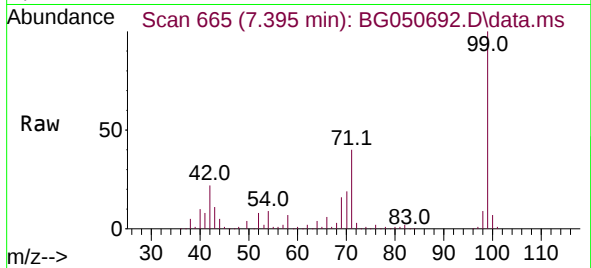




#7
Phenol-d6
Concen: 107.852 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

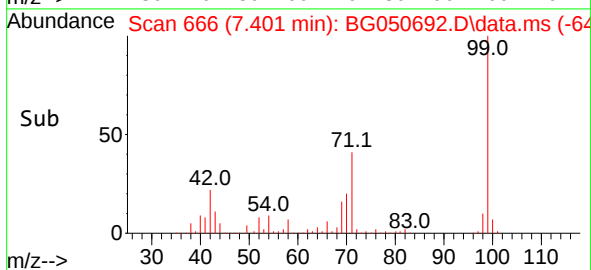
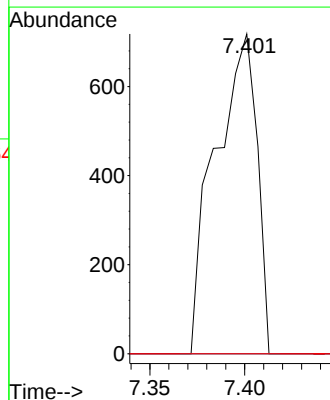
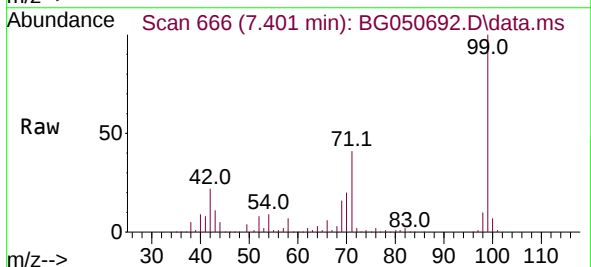
Instrument :
BNA_G
ClientSampleId :
124027

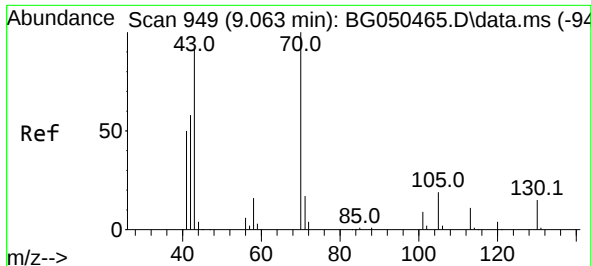
Tgt Ion: 99 Resp: 436482
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion: 77 Resp: 1098
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

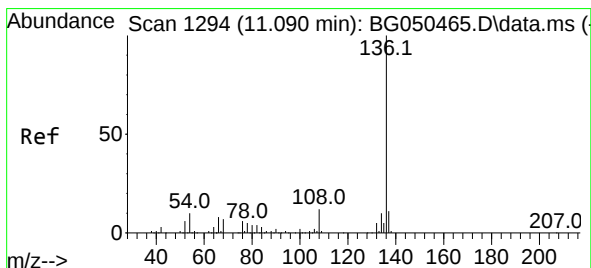
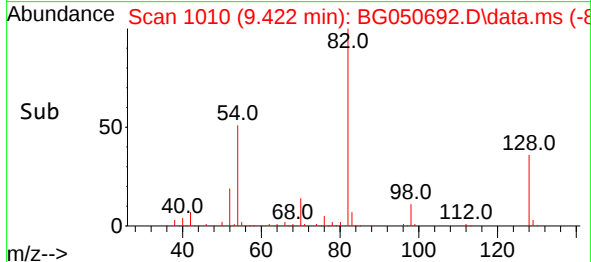
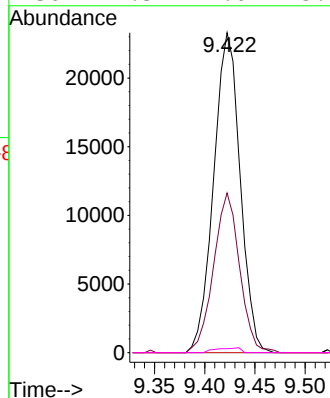
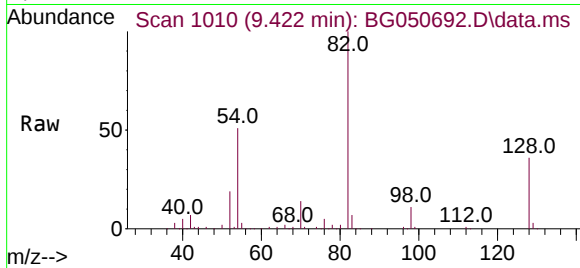




#19
n-Nitroso-di-n-propylamine
Concen: 14.458 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

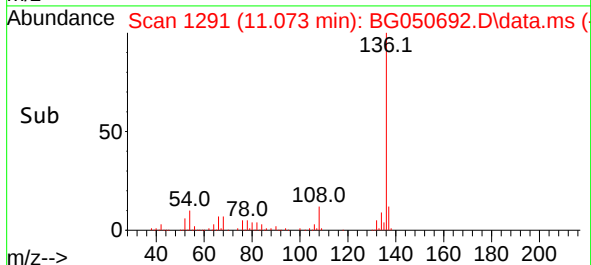
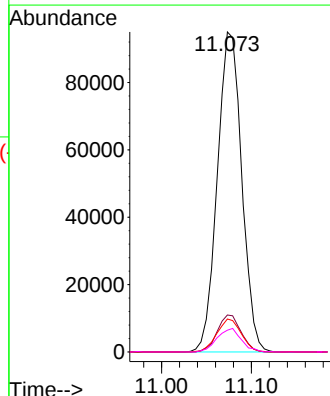
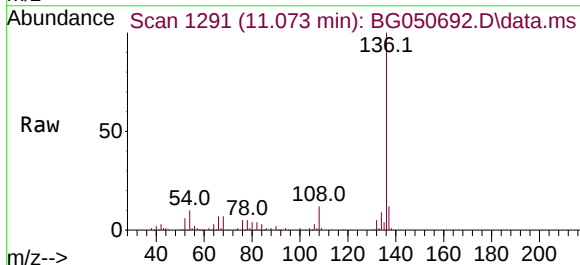
Instrument :
BNA_G
ClientSampled :
124027

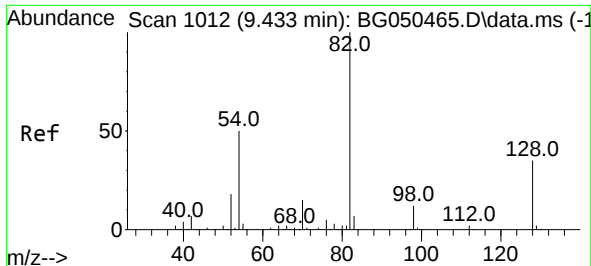
Tgt Ion:	70	Resp:	42647
Ion	Ratio	Lower	Upper
70	100		
42	49.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:	136	Resp:	179315
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.2
54	10.3	5.5	8.3#
68	6.8	2.3	3.5#

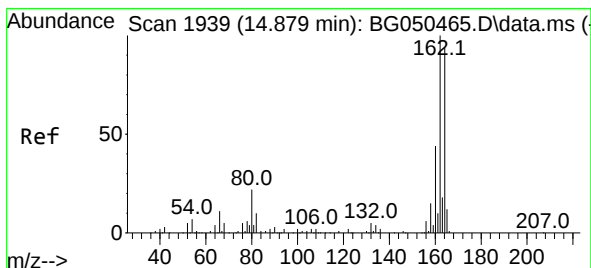
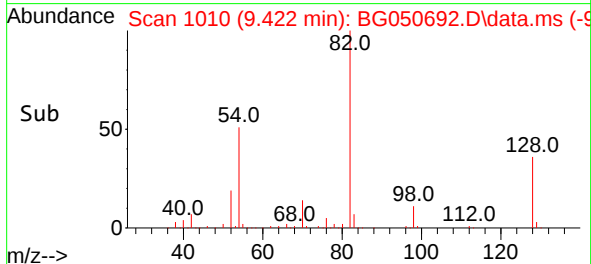
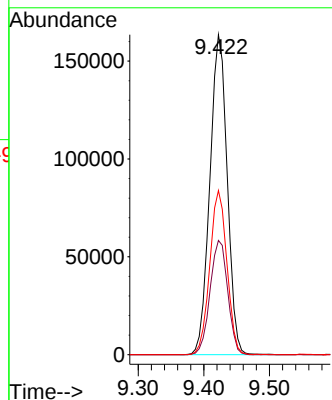
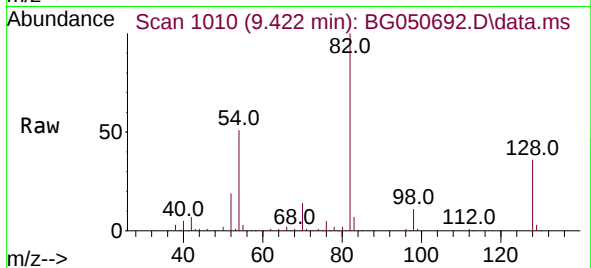




#23
Nitrobenzene-d5
Concen: 69.263 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

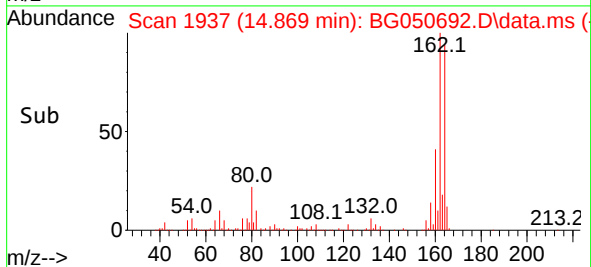
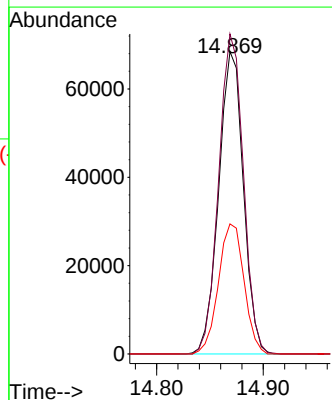
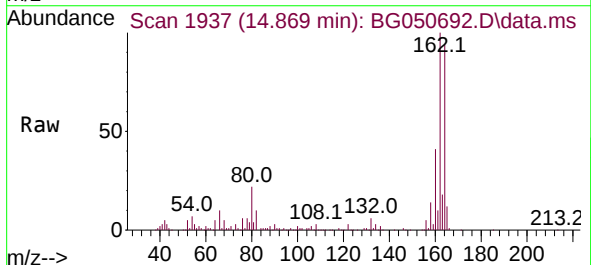
Instrument :
BNA_G
ClientSampleId :
124027

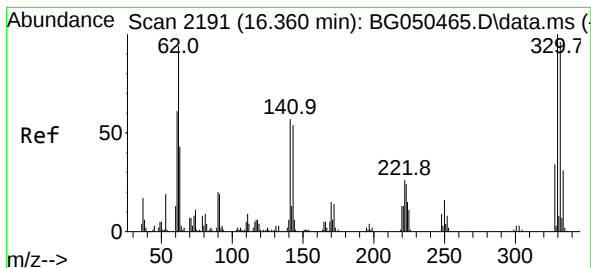
Tgt Ion: 82 Resp: 300030
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:164 Resp: 110047
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 43.0 34.9 52.3

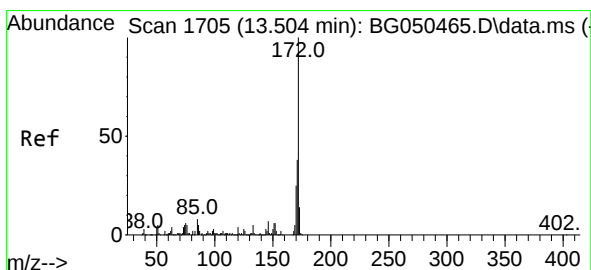
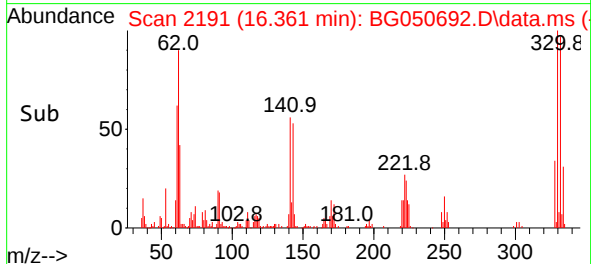
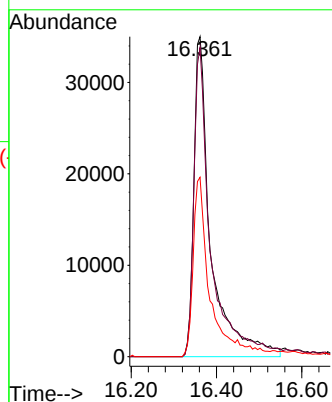
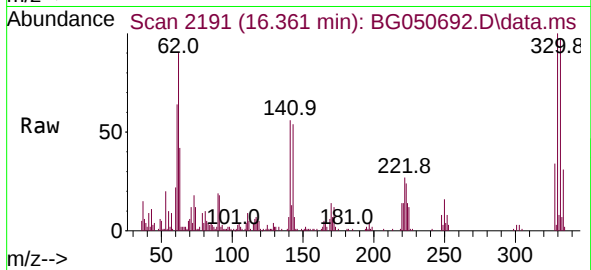




#42
2,4,6-Tribromophenol
Concen: 92.604 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

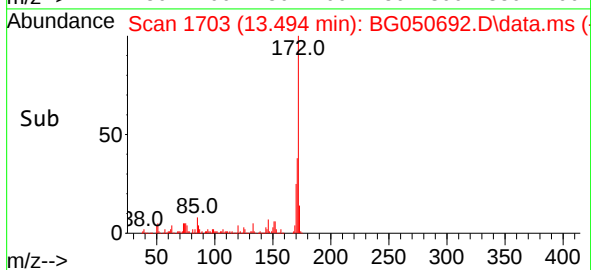
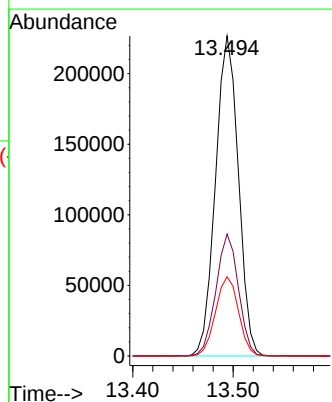
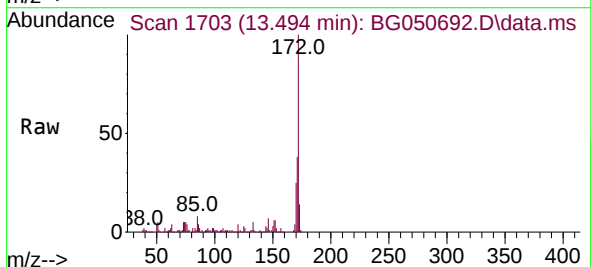
Instrument :
BNA_G
ClientSampleId :
124027

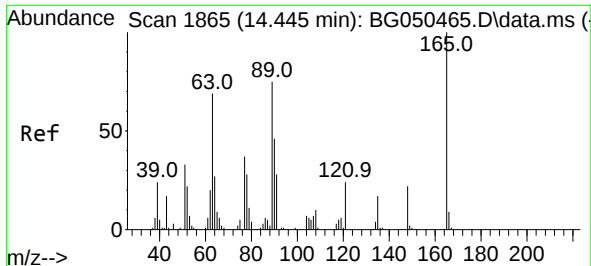
Tgt Ion:330 Resp: 97202
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 55.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 48.985 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:172 Resp: 358173
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 24.7 18.6 27.8

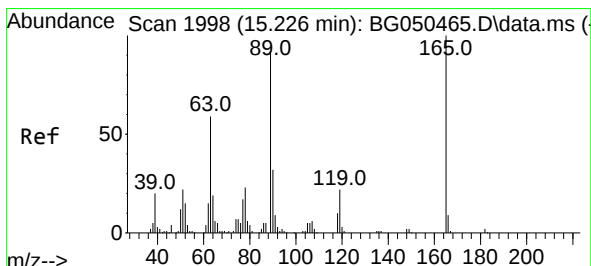
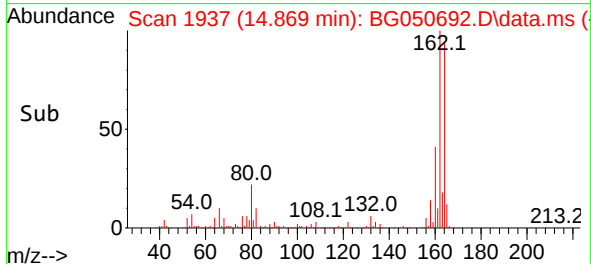
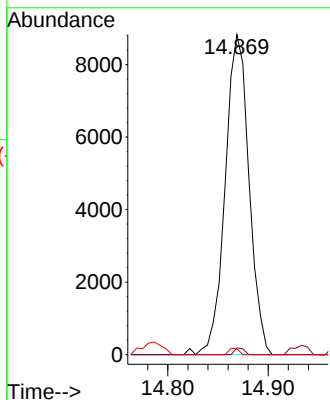
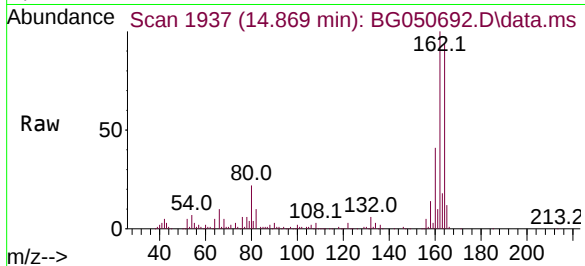




#51
2,6-Dinitrotoluene
Concen: 8.739 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

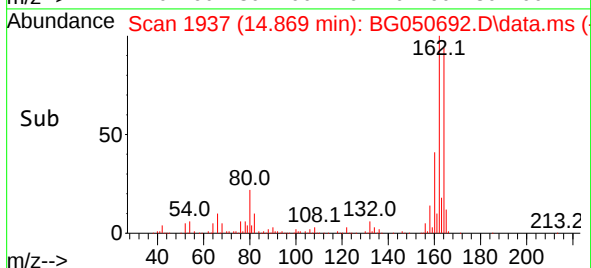
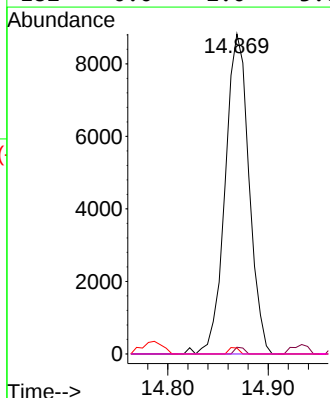
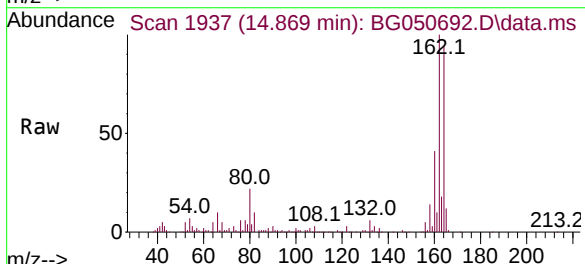
Instrument :
BNA_G
ClientSampleId :
124027

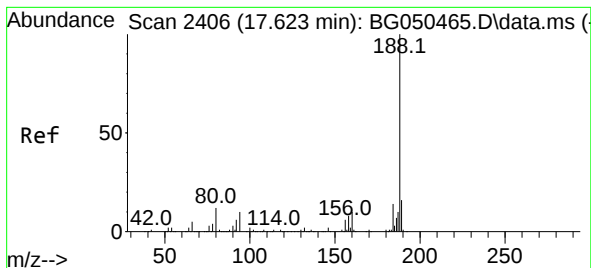
Tgt Ion:165 Resp: 14559
Ion Ratio Lower Upper
165 100
63 2.1 63.3 94.9#
89 1.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:165 Resp: 14559
Ion Ratio Lower Upper
165 100
63 2.1 48.0 72.0#
89 1.8 65.4 98.0#
182 0.0 2.0 3.0#

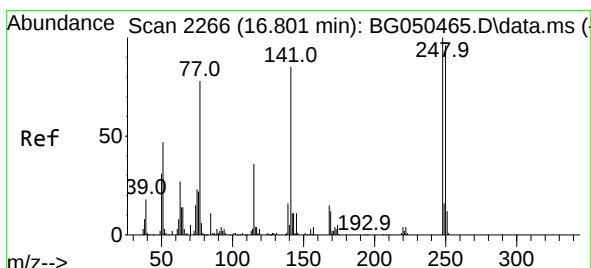
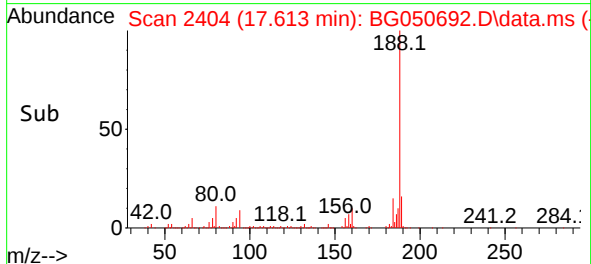
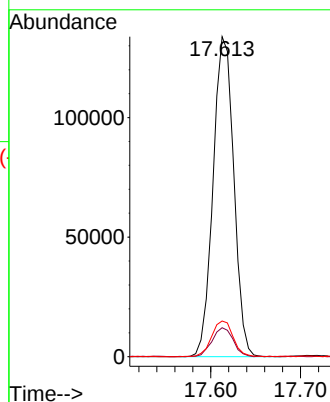
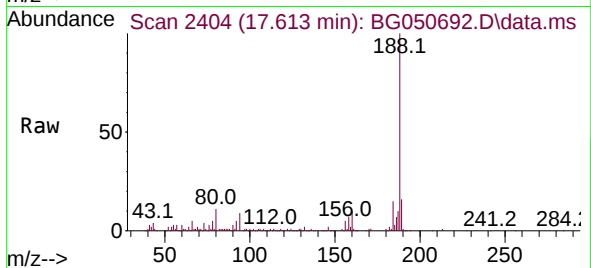




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

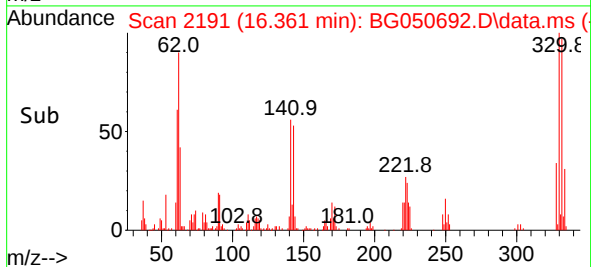
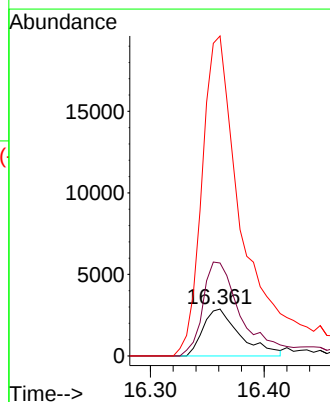
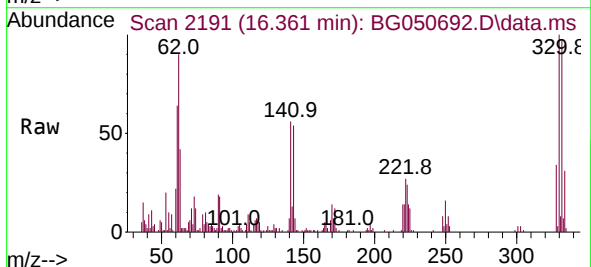
Instrument :
BNA_G
ClientSampled :
124027

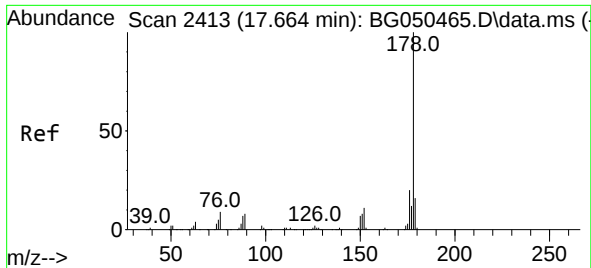
Tgt Ion:188 Resp: 214189
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:248 Resp: 6513
Ion Ratio Lower Upper
248 100
250 198.2 76.1 114.1#
141 682.6 65.4 98.2#

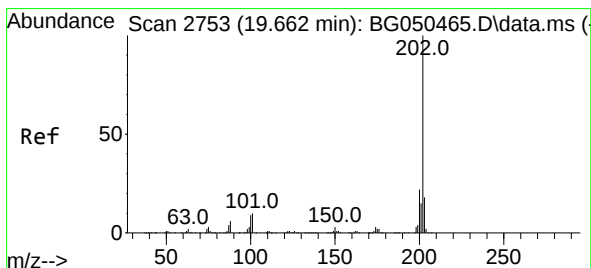
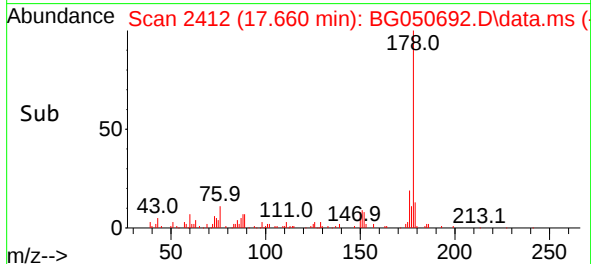
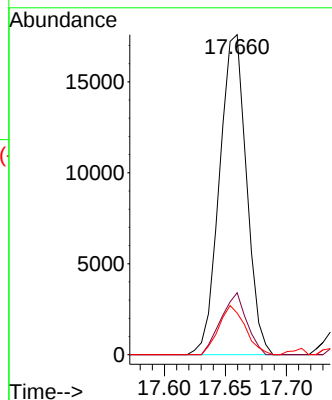
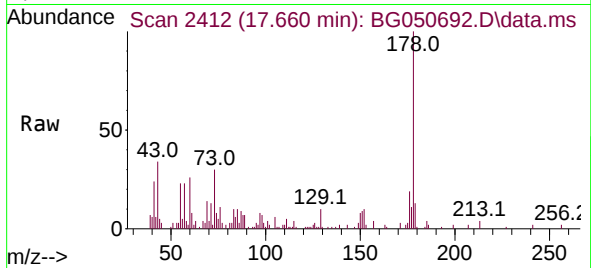




#71
Phenanthrene
Concen: 2.403 ng
RT: 17.660 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

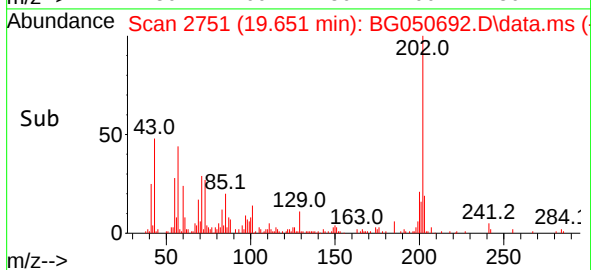
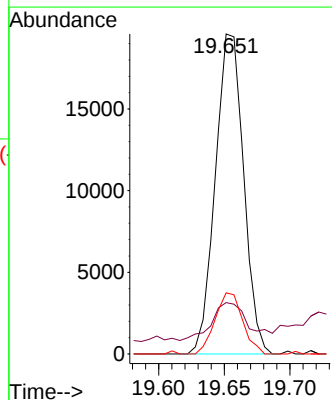
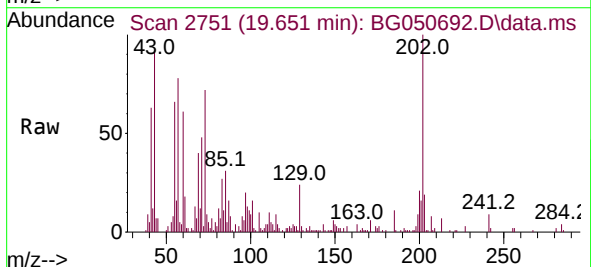
Instrument :
BNA_G
ClientSampleId :
124027

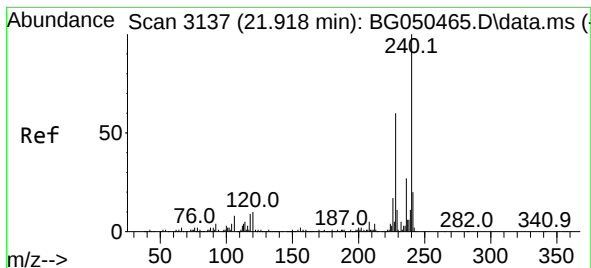
Tgt Ion:178 Resp: 27122
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 13.0 14.2 21.4#



#75
Fluoranthene
Concen: 2.117 ng
RT: 19.651 min Scan# 2751
Delta R.T. -0.011 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:202 Resp: 29376
Ion Ratio Lower Upper
202 100
101 16.0 0.0 24.7
203 19.1 0.0 38.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3136

Delta R.T. -0.011 min

Lab File: BG050692.D

Acq: 22 Oct 2021 16:54

Tgt Ion:240 Resp: 194409

Ion Ratio Lower Upper

240 100

120 9.6 4.2 6.2#

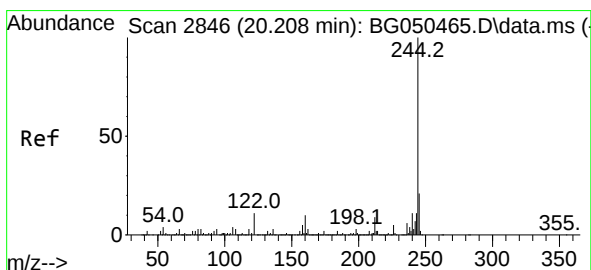
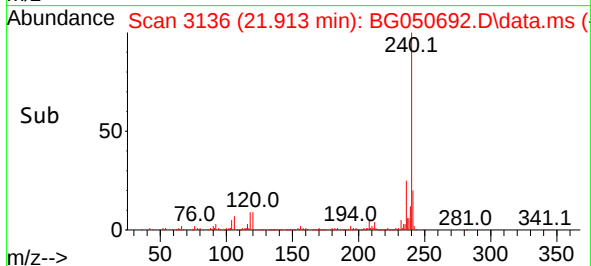
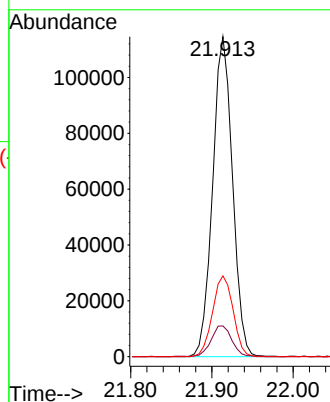
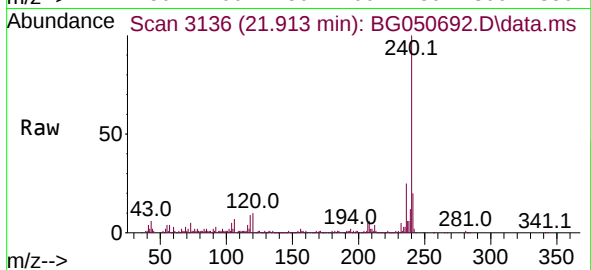
236 25.3 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

124027



#79

Terphenyl-d14

Concen: 42.544 ng

RT: 20.204 min Scan# 2845

Delta R.T. -0.005 min

Lab File: BG050692.D

Acq: 22 Oct 2021 16:54

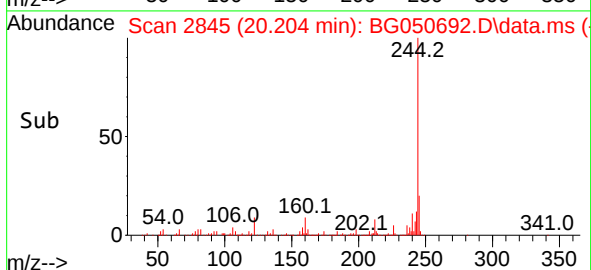
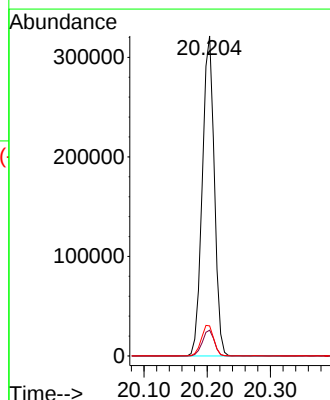
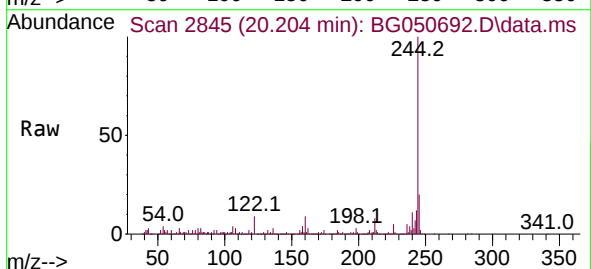
Tgt Ion:244 Resp: 424408

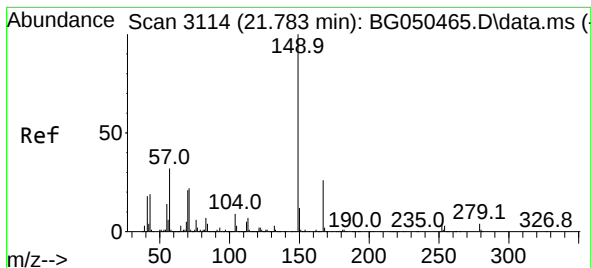
Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

122 9.4 5.0 7.6#

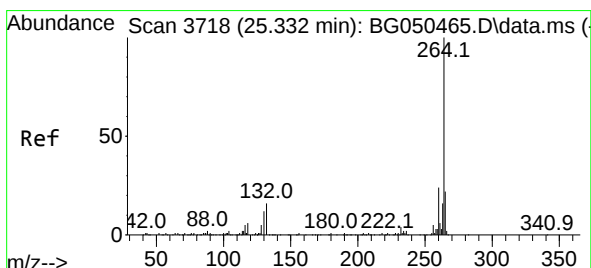
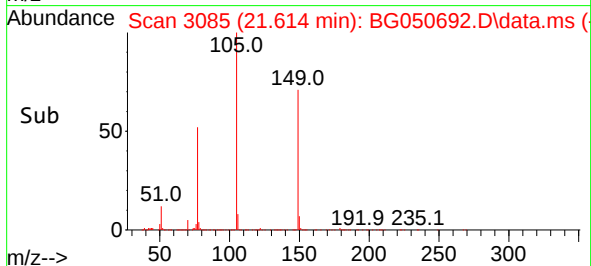
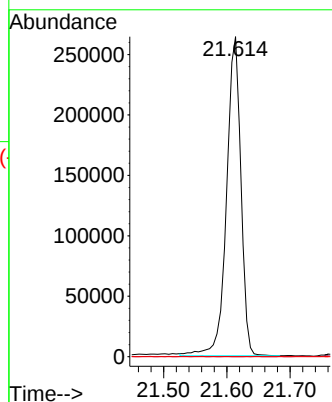
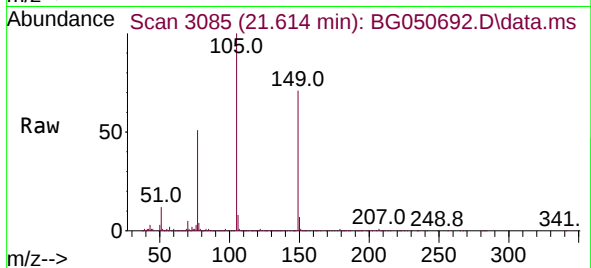




#84
Bis(2-ethylhexyl)phthalate
Concen: 50.108 ng
RT: 21.614 min Scan# 3085
Delta R.T. -0.164 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Instrument :
BNA_G
ClientSampleId :
124027

Tgt Ion:149 Resp: 415386
Ion Ratio Lower Upper
149 100
167 0.0 22.3 33.5#
279 0.0 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050692.D
Acq: 22 Oct 2021 16:54

Tgt Ion:264 Resp: 193968
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 23.1 16.9 25.3

