

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053634.D
 Acq On : 19 May 2022 20:12
 Operator : CG/JU
 Sample : N2935-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-051822

Quant Time: May 20 03:58:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

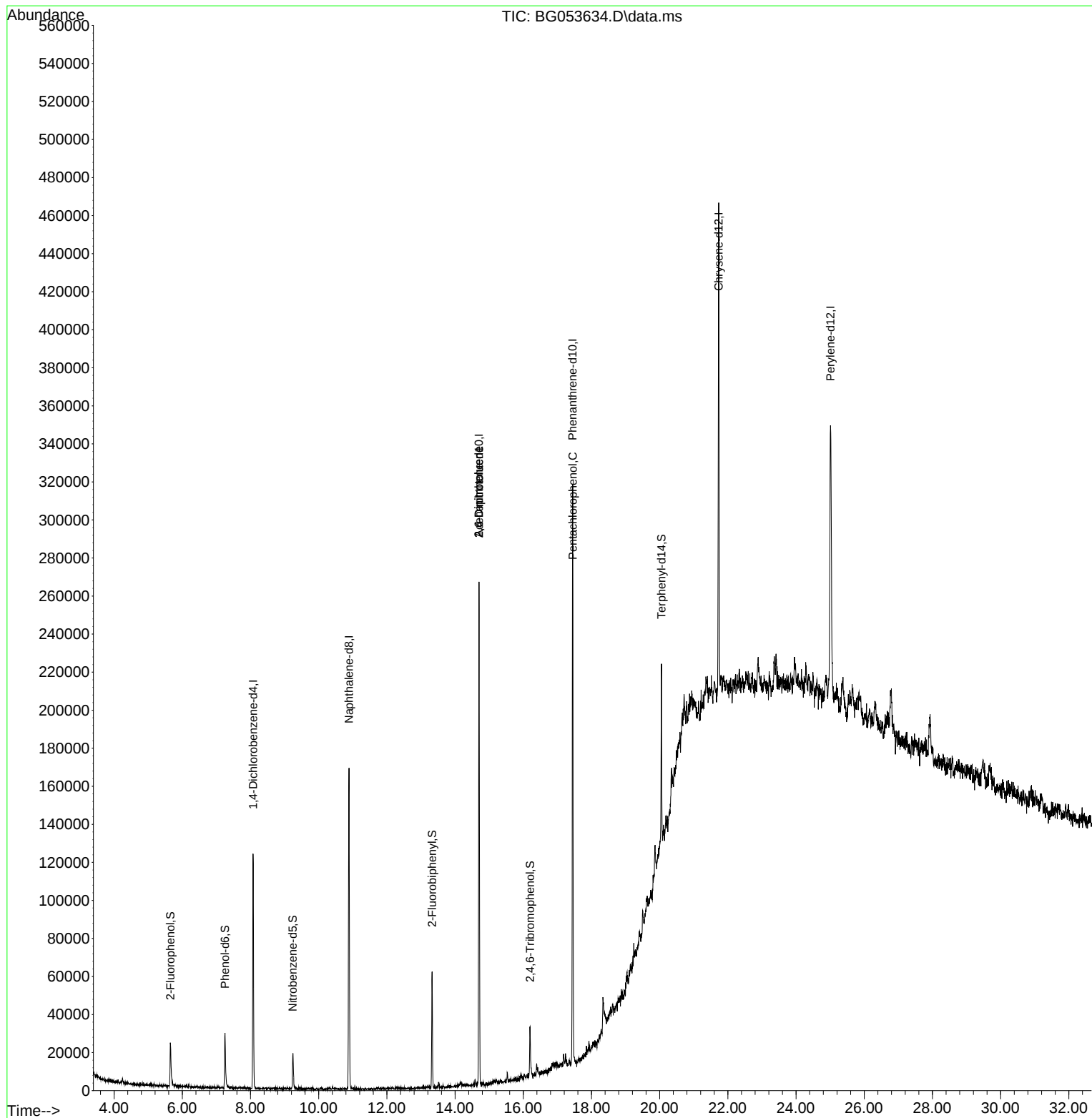
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	33862	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	137851	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	96074	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	194683	20.000	ng	0.00
76) Chrysene-d12	21.733	240	163239	20.000	ng	0.00
86) Perylene-d12	25.011	264	169882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	13658	6.845	ng	0.01
7) Phenol-d6	7.253	99	19065	6.296	ng	0.01
23) Nitrobenzene-d5	9.238	82	13848	4.276	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	7181	5.068	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	32833	4.994	ng	0.00
79) Terphenyl-d14	20.053	244	47062	5.370	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.701	165	12024	8.084	ng	# 16
57) 2,4-Dinitrotoluene	14.701	165	12024	5.577	ng	# 21
70) Pentachlorophenol	17.456	266	73	4.701	ng	# 16

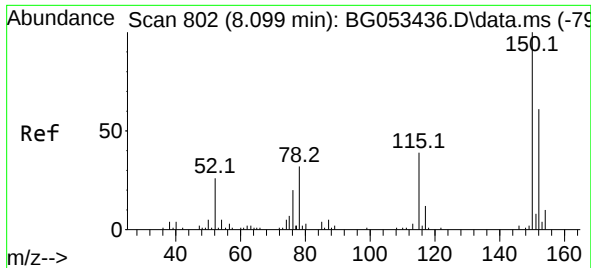
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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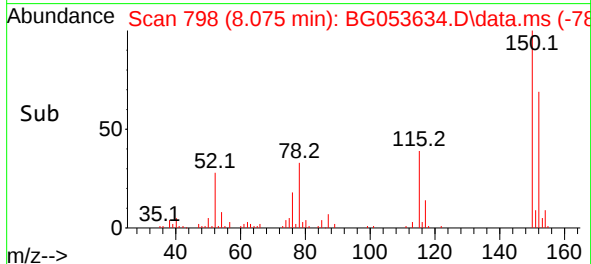
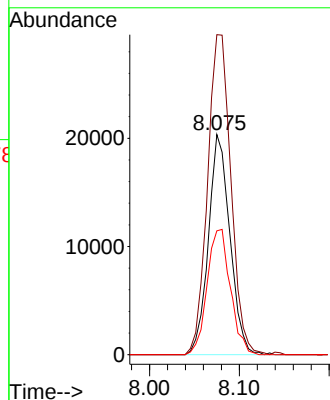
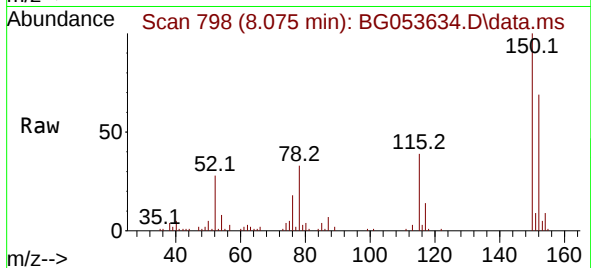




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

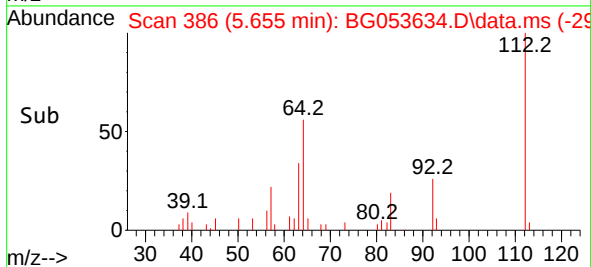
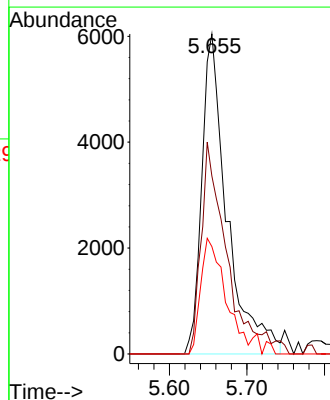
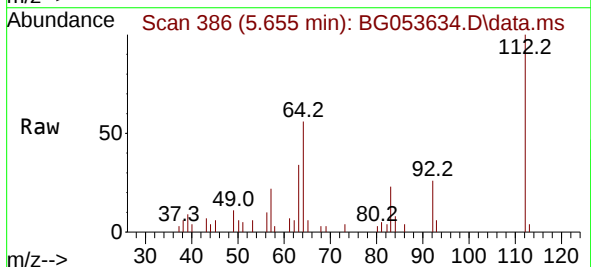
Instrument :
BNA_G
ClientSampleId :
OK-03-051822

Tgt Ion:152 Resp: 33862
Ion Ratio Lower Upper
152 100
150 145.4 131.6 197.4
115 56.2 50.9 76.3



#5
2-Fluorophenol
Concen: 6.845 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.012 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

Tgt Ion:112 Resp: 13658
Ion Ratio Lower Upper
112 100
64 55.6 55.1 82.7
63 33.6 30.4 45.6

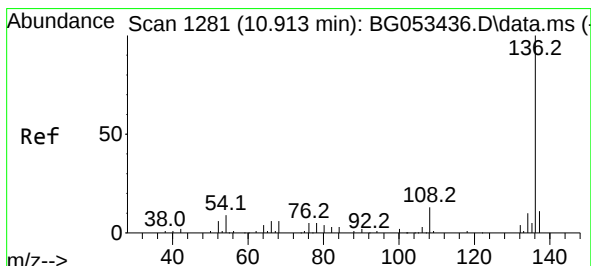
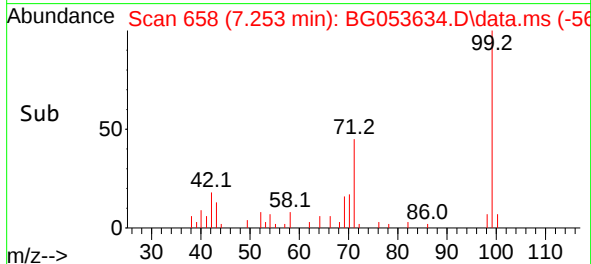
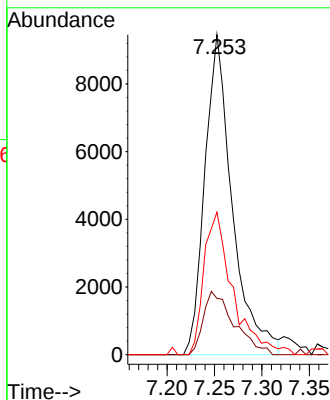
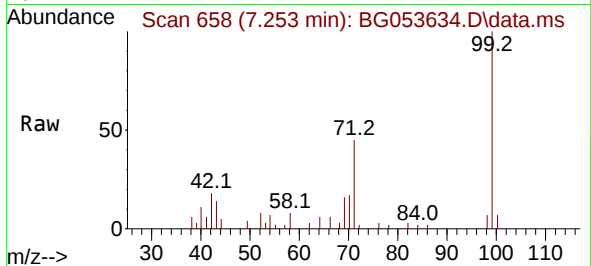




#7
Phenol-d6
Concen: 6.296 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.012 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

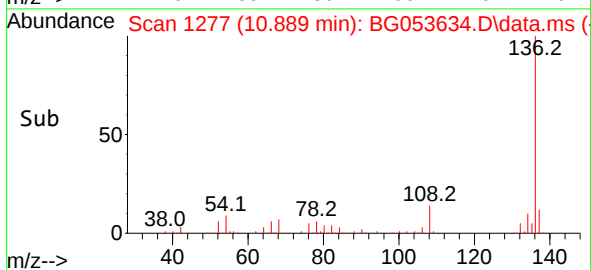
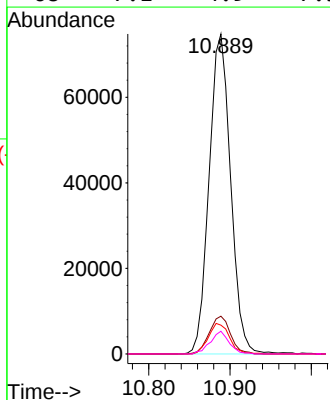
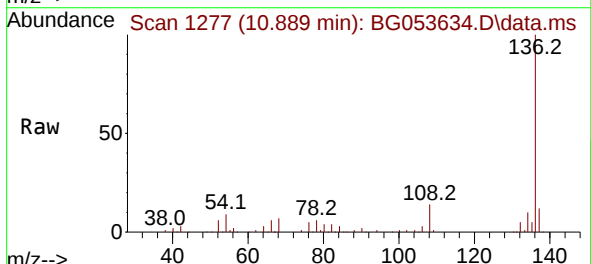
Instrument :
BNA_G
ClientSampleId :
OK-03-051822

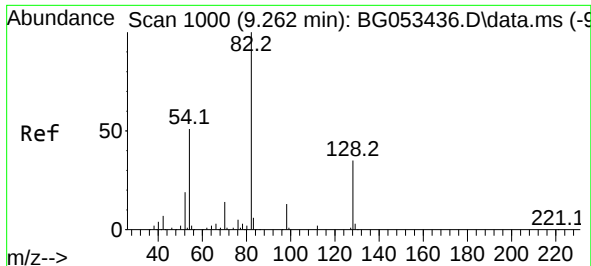
Tgt Ion:	99	Resp:	19065
Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.0	25.6
71	44.6	33.8	50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

Tgt Ion:	136	Resp:	137851
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.0	7.4	11.2
68	7.1	4.9	7.3

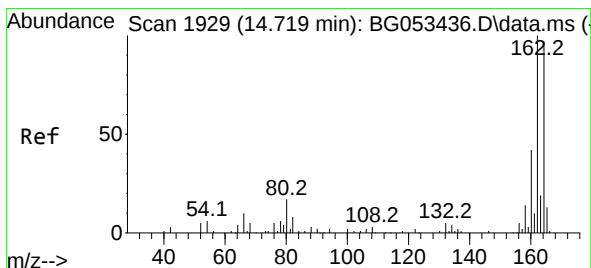
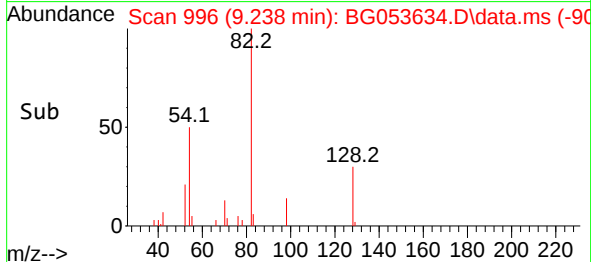
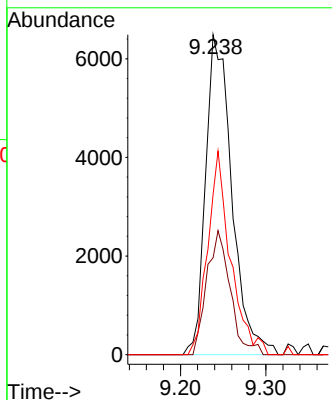
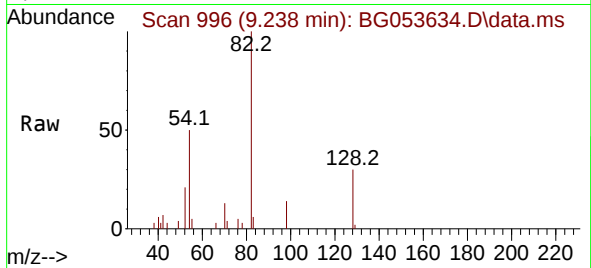




#23
Nitrobenzene-d5
Concen: 4.276 ng
RT: 9.238 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

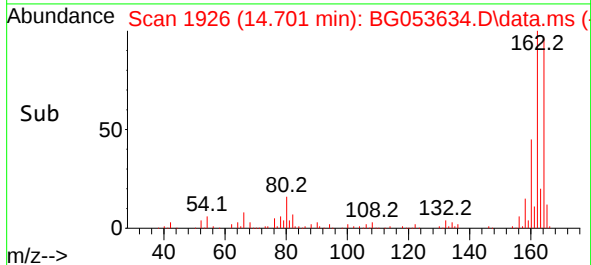
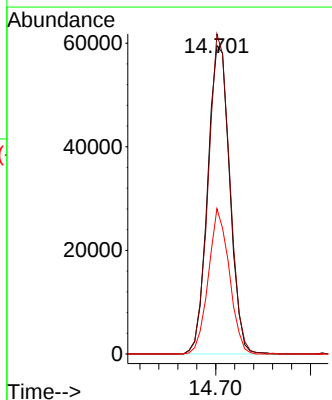
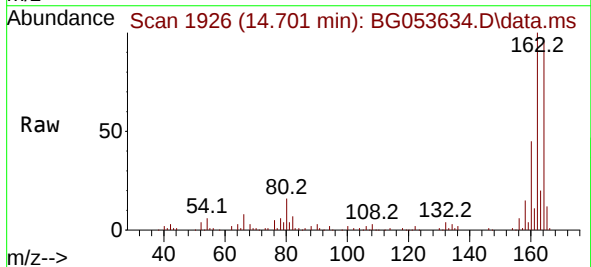
Instrument :
BNA_G
ClientSampleId :
OK-03-051822

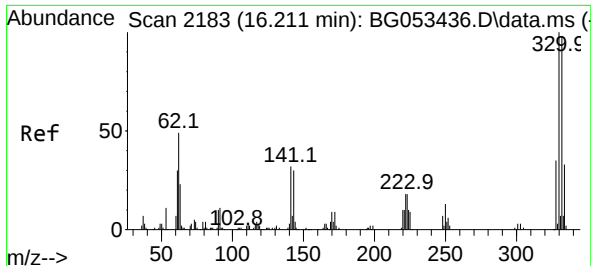
Tgt Ion: 82 Resp: 13848
Ion Ratio Lower Upper
82 100
128 30.3 27.9 41.9
54 50.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

Tgt Ion:164 Resp: 96074
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 47.1 34.2 51.2

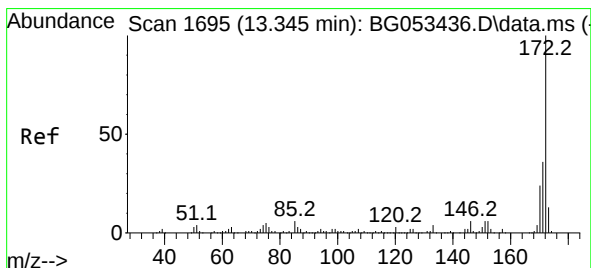
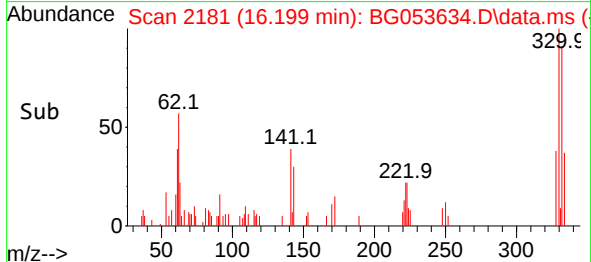
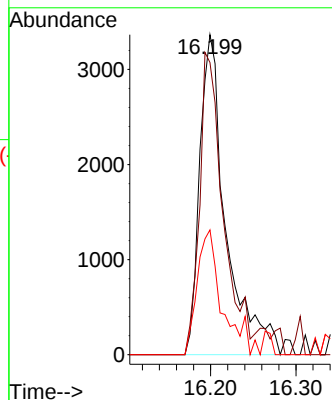
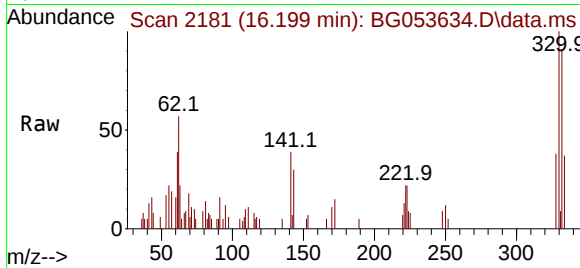




#42
2,4,6-Tribromophenol
Concen: 5.068 ng
RT: 16.199 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

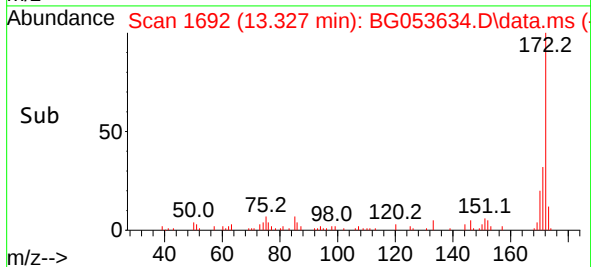
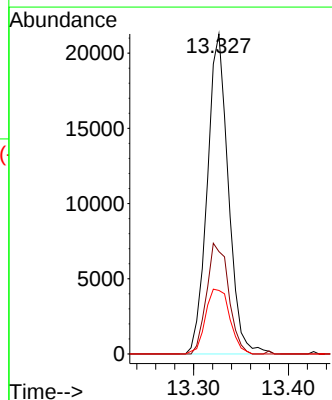
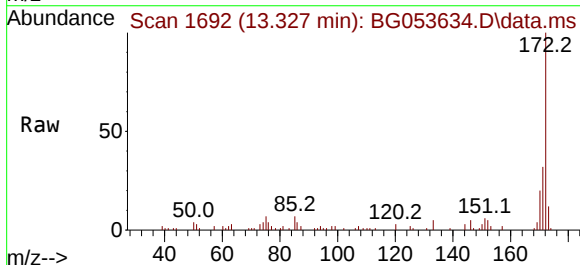
Instrument :
BNA_G
ClientSampleId :
OK-03-051822

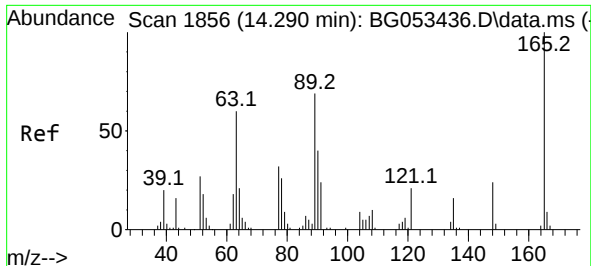
Tgt Ion:330 Resp: 7181
Ion Ratio Lower Upper
330 100
332 86.0 76.0 114.0
141 37.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 4.994 ng
RT: 13.327 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

Tgt Ion:172 Resp: 32833
Ion Ratio Lower Upper
172 100
171 32.0 28.5 42.7
170 19.9 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.084 ng

RT: 14.701 min Scan# 1926

Delta R.T. 0.429 min

Lab File: BG053634.D

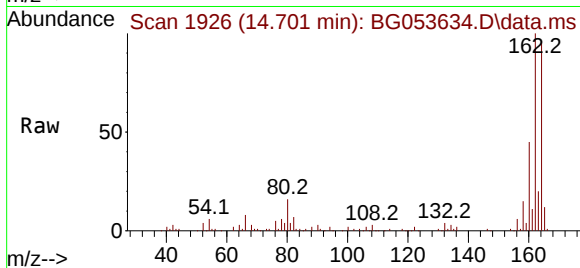
Acq: 19 May 2022 20:12

Instrument :

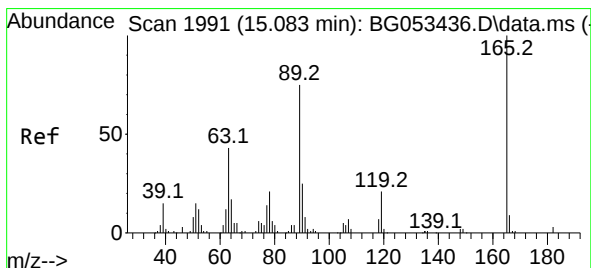
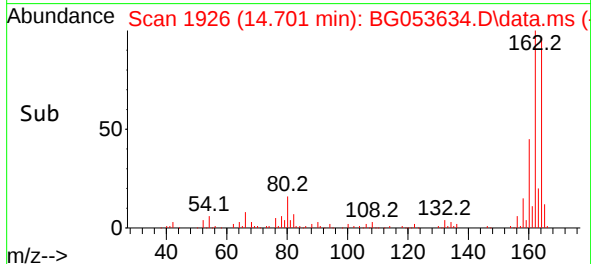
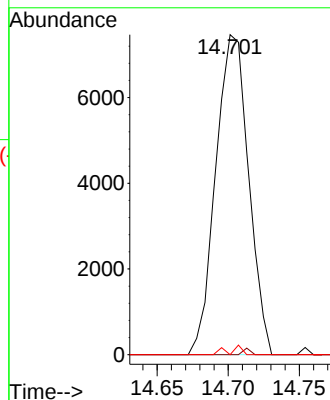
BNA_G

ClientSampleId :

OK-03-051822



Tgt Ion:	165	Resp:	12024
Ion Ratio	Lower	Upper	
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



#57

2,4-Dinitrotoluene

Concen: 5.577 ng

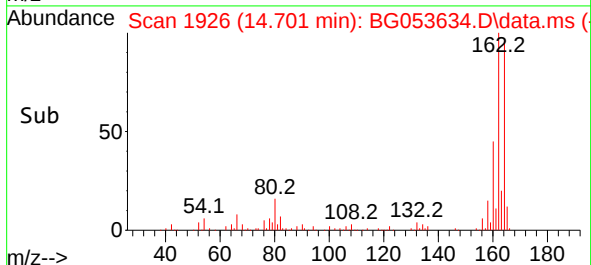
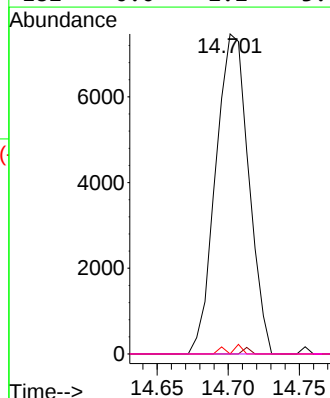
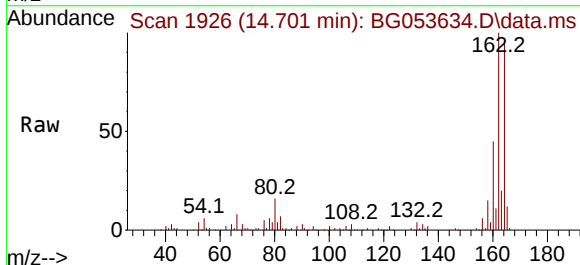
RT: 14.701 min Scan# 1926

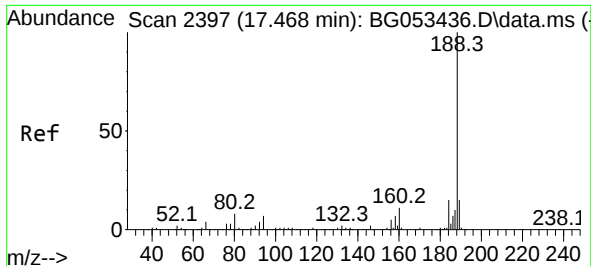
Delta R.T. -0.364 min

Lab File: BG053634.D

Acq: 19 May 2022 20:12

Tgt Ion:	165	Resp:	12024
Ion Ratio	Lower	Upper	
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#

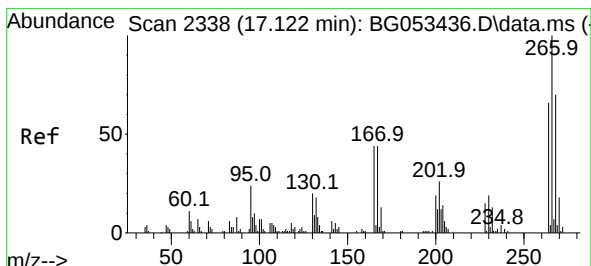
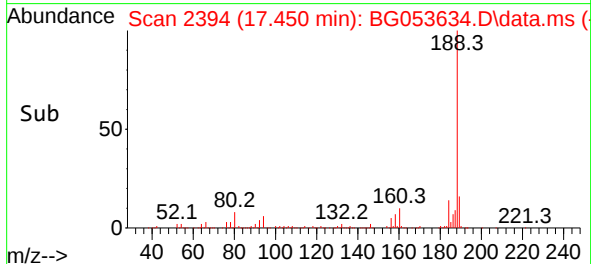
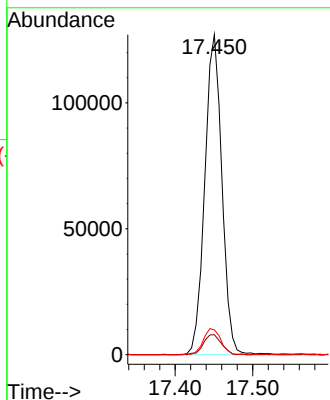
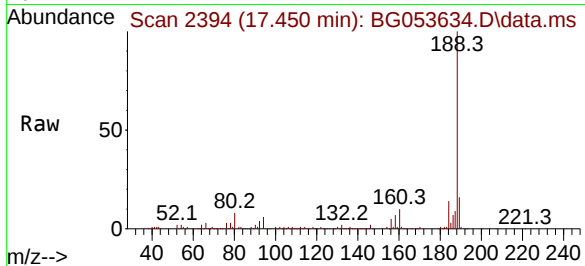




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

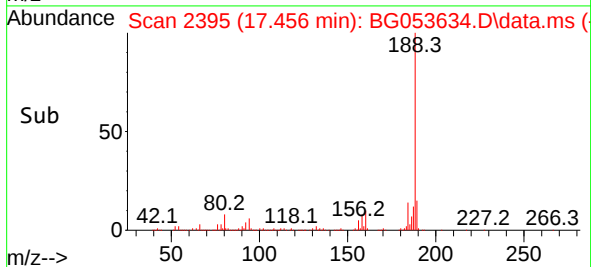
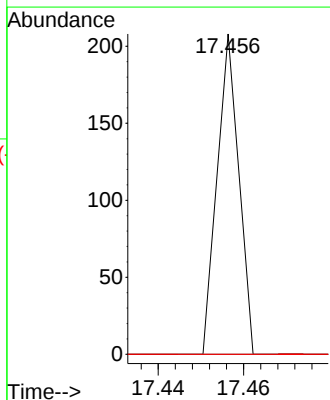
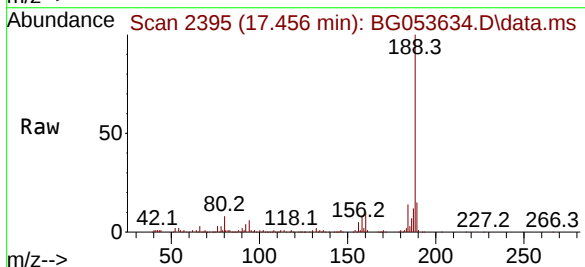
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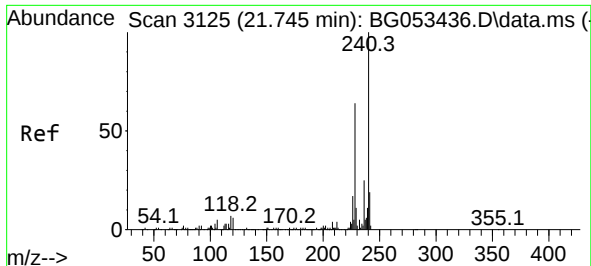
Tgt Ion:188 Resp: 194683
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.7 6.8 10.2



#70
Pentachlorophenol
Concen: 4.701 ng
RT: 17.456 min Scan# 2395
Delta R.T. 0.346 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

Tgt Ion:266 Resp: 73
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

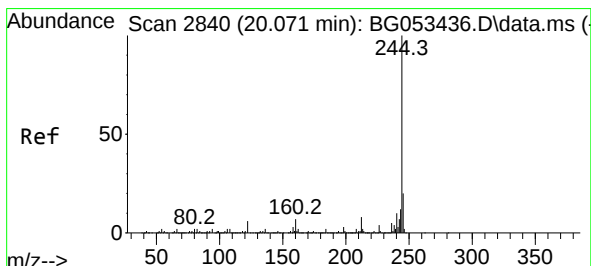
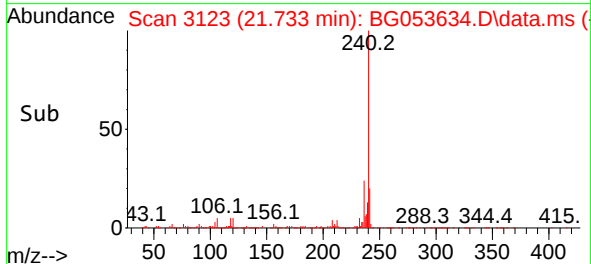
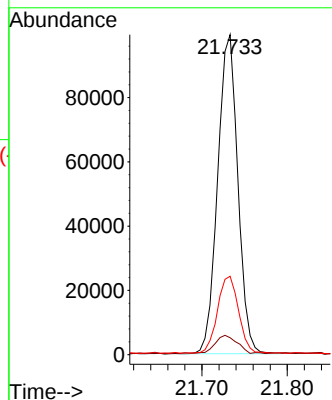
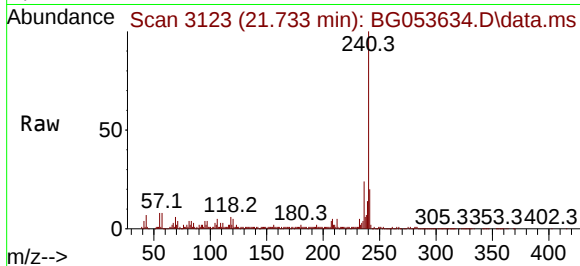




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

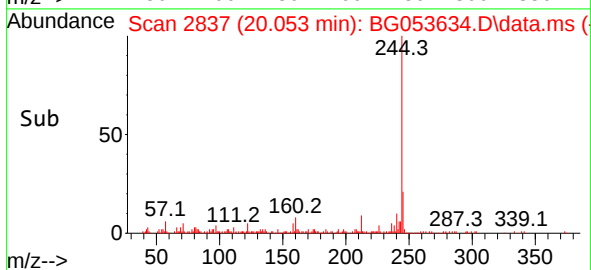
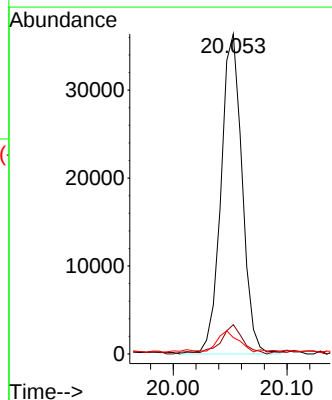
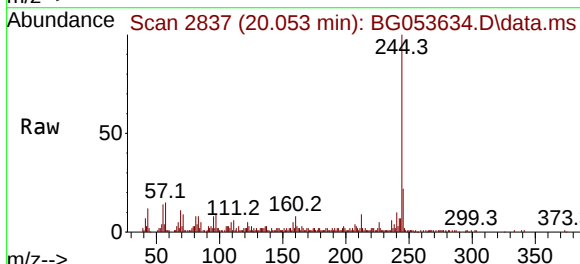
Instrument :
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OK-03-051822

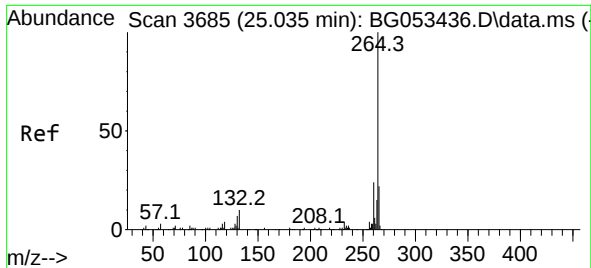
Tgt Ion:240 Resp: 163239
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.5 20.2 30.4



#79
Terphenyl-d14
Concen: 5.370 ng
RT: 20.053 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BG053634.D
Acq: 19 May 2022 20:12

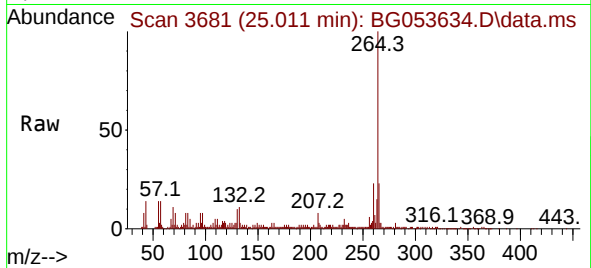
Tgt Ion:244 Resp: 47062
Ion Ratio Lower Upper
244 100
212 9.1 6.5 9.7
122 5.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG053634.D
 Acq: 19 May 2022 20:12

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-051822



Tgt Ion:264	Resp:	169882	
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	23.1	17.4	26.2

