

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053904.D
 Acq On : 14 Jun 2022 16:48
 Operator : CG/JU
 Sample : N3299-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-4

Quant Time: Jun 15 03:01:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	21082	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	80810	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	60843	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	166914	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	205299	20.000	ng	0.00
86) Perylene-d12	24.987	264	210617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	162558	147.423	ng	0.00
7) Phenol-d6	7.237	99	191427	127.972	ng	0.00
23) Nitrobenzene-d5	9.240	82	151082	105.064	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	163176	166.923	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	426947	102.039	ng	0.00
79) Terphenyl-d14	20.057	244	1049125	102.924	ng	0.00

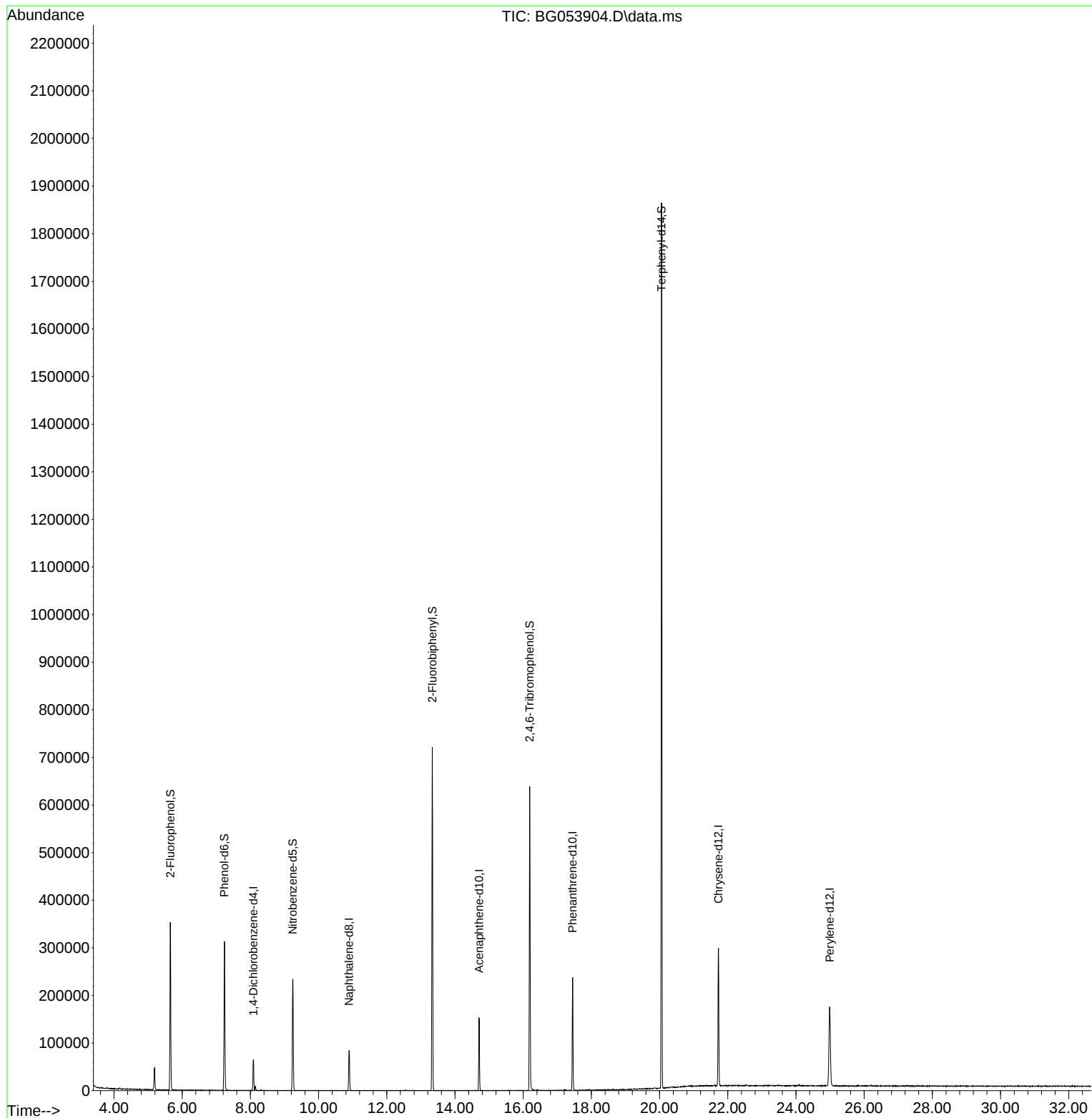
Target Compounds	Qvalue

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

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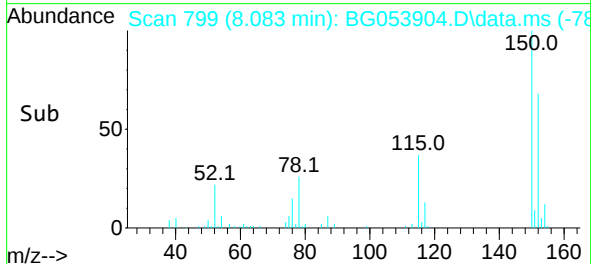
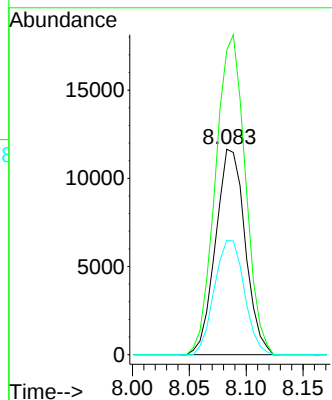
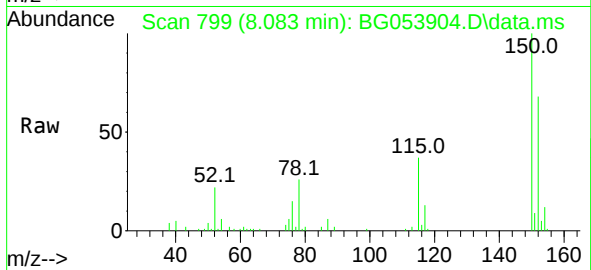




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

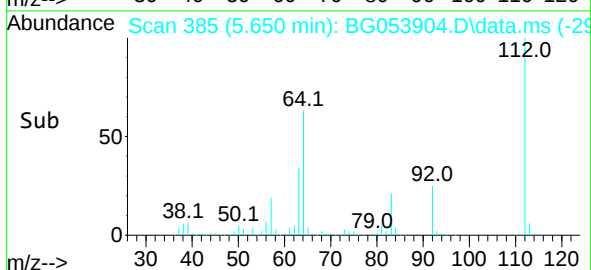
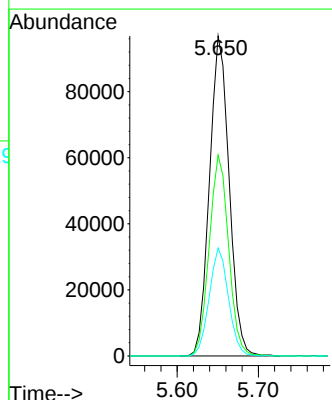
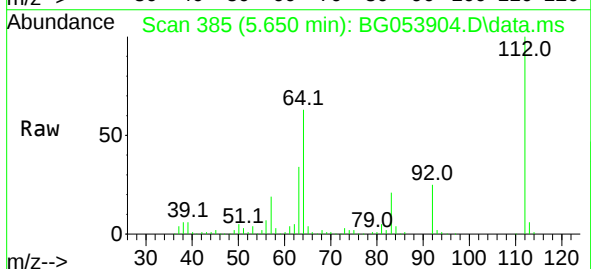
Instrument :
BNA_G
ClientSampleId :
COM-4

Tgt Ion:152 Resp: 21082
Ion Ratio Lower Upper
152 100
150 148.1 131.6 197.4
115 55.5 50.9 76.3



#5
2-Fluorophenol
Concen: 147.423 ng
RT: 5.650 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:112 Resp: 162558
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 33.7 30.4 45.6

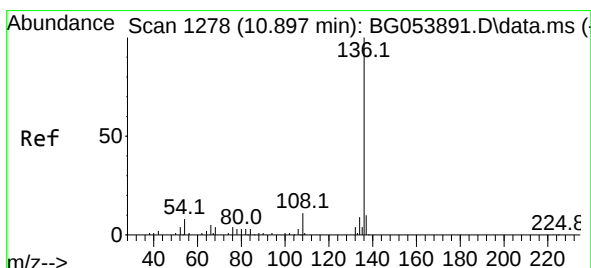
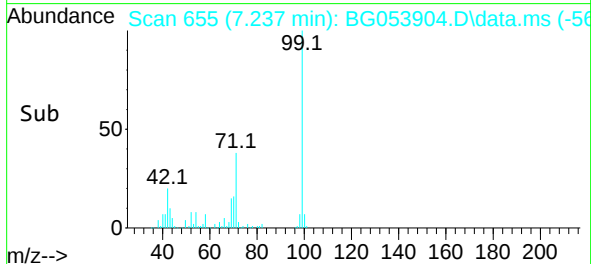
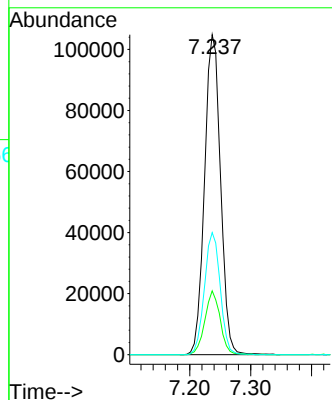
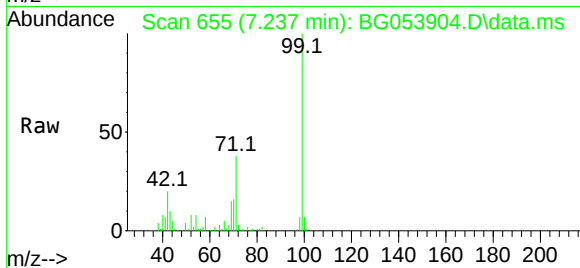




#7
Phenol-d6
Concen: 127.972 ng
RT: 7.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

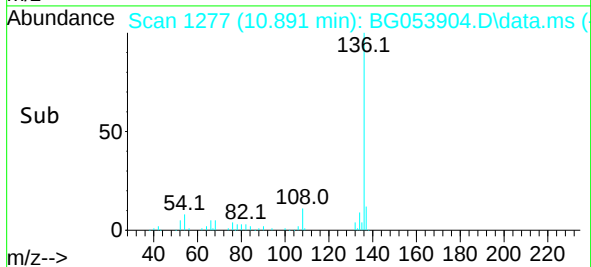
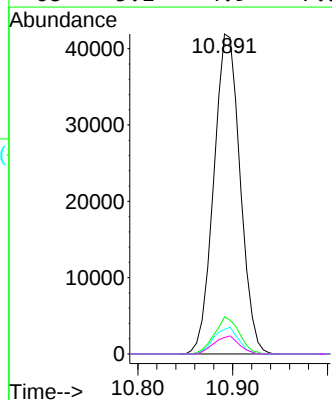
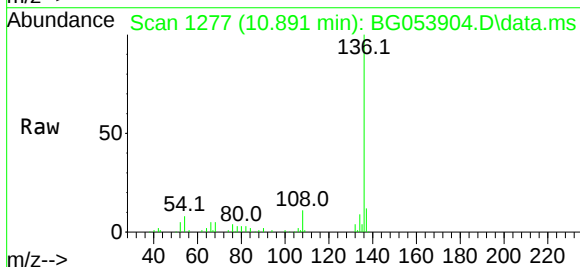
Instrument :
BNA_G
ClientSampleId :
COM-4

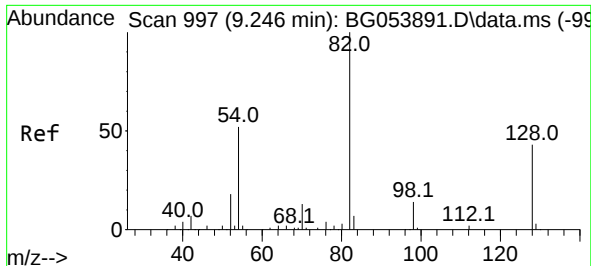
Tgt Ion: 99 Resp: 191427
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 38.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion: 136 Resp: 80810
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 7.7 7.4 11.2
68 5.1 4.9 7.3

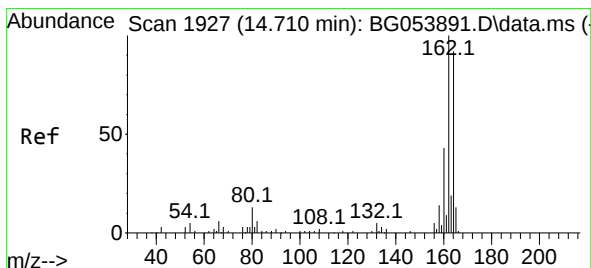
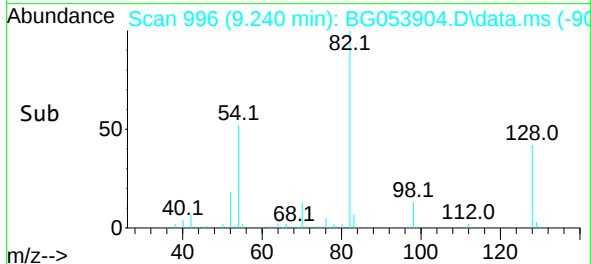
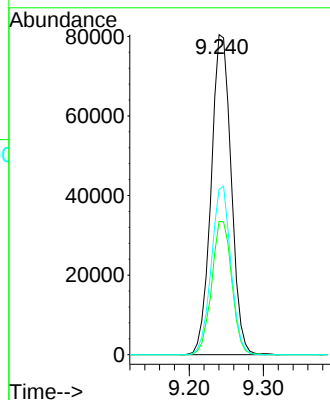
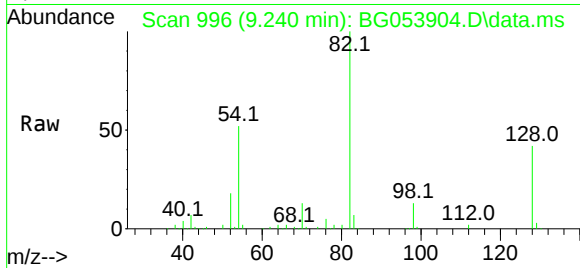




#23
Nitrobenzene-d5
Concen: 105.064 ng
RT: 9.240 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

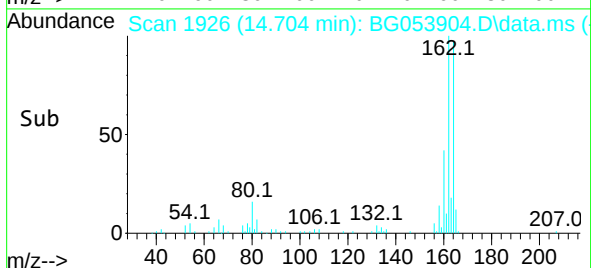
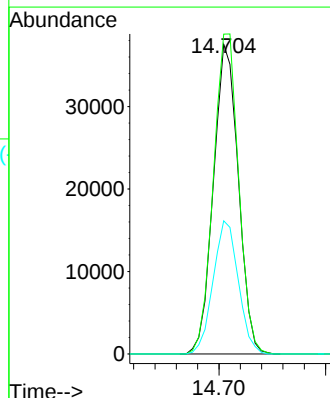
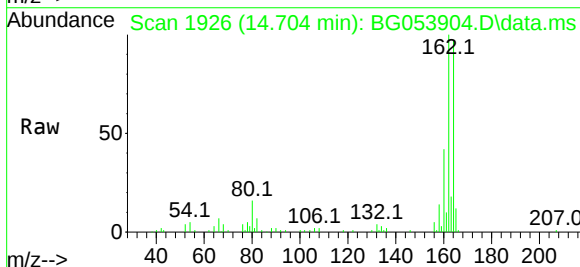
Instrument :
BNA_G
ClientSampleId :
COM-4

Tgt Ion: 82 Resp: 151082
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 51.7 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion: 164 Resp: 60843
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 43.0 34.2 51.2

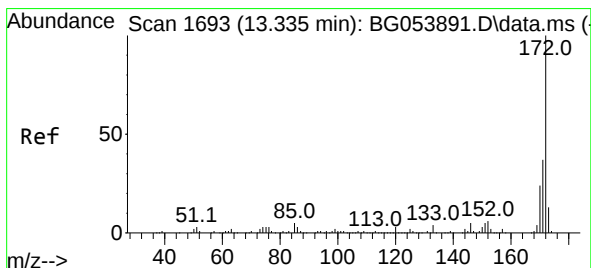
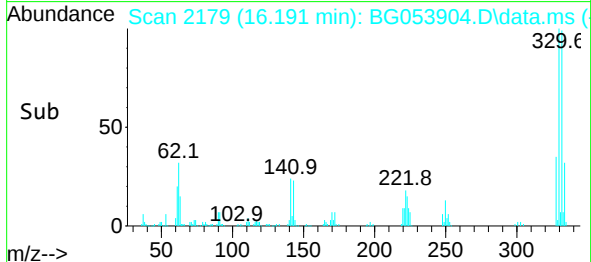
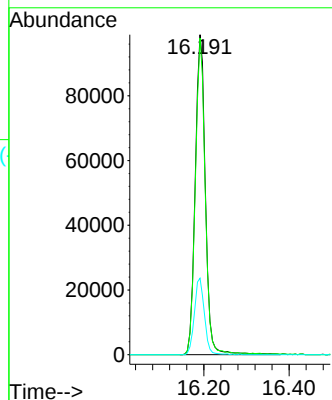
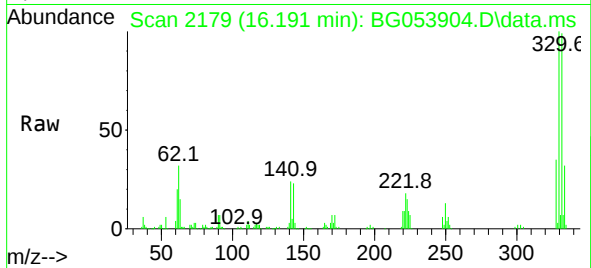




#42
2,4,6-Tribromophenol
Concen: 166.923 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

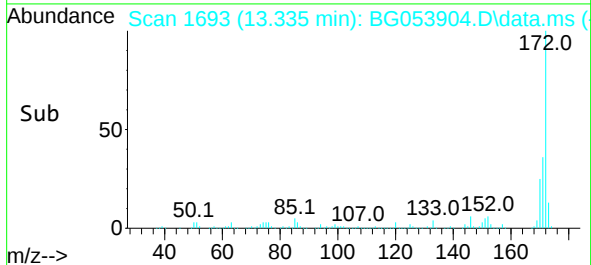
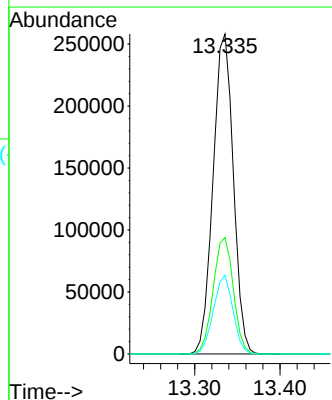
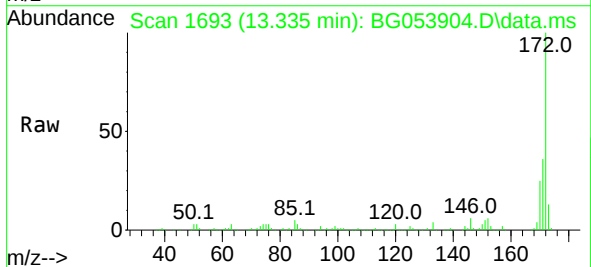
Instrument :
BNA_G
ClientSampleId :
COM-4

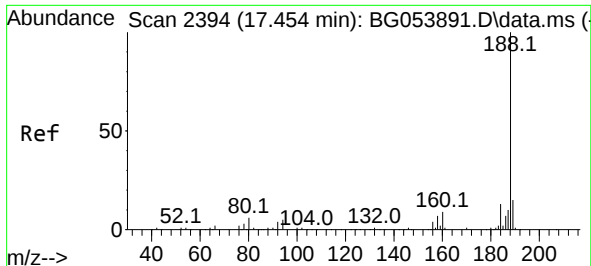
Tgt Ion:330 Resp: 163176
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 23.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 102.039 ng
RT: 13.335 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:172 Resp: 426947
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.6 18.9 28.3

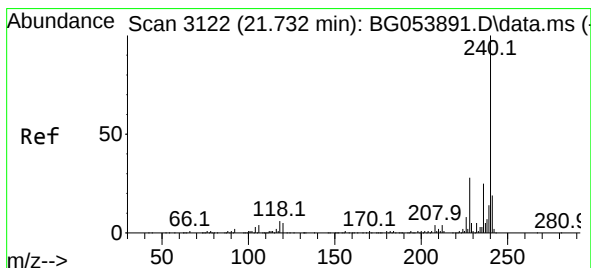
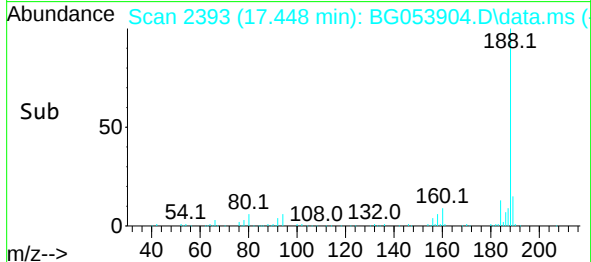
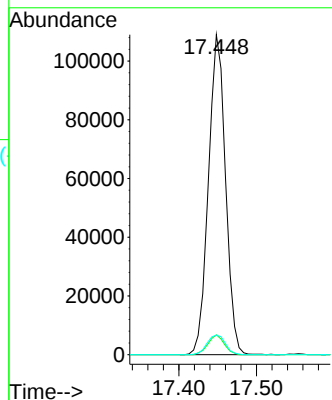
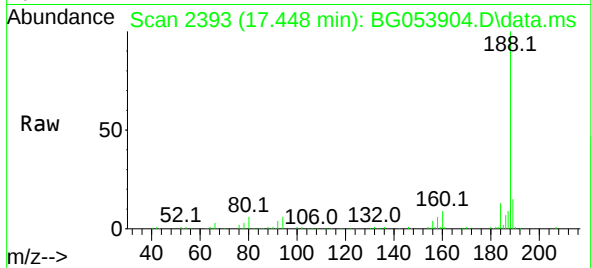




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

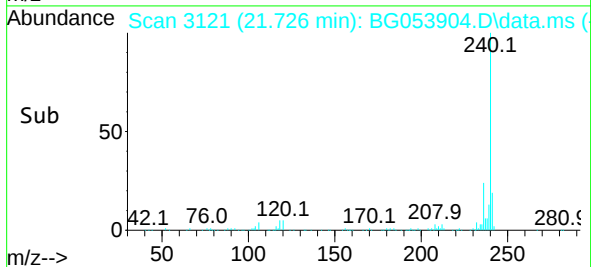
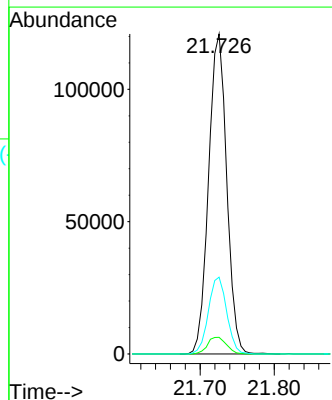
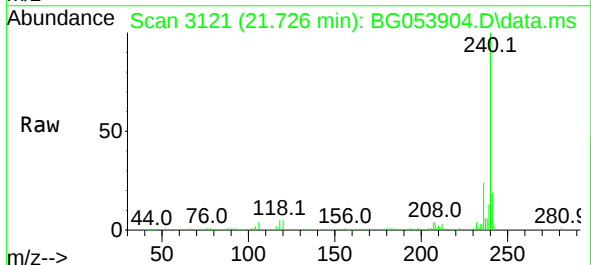
Instrument :
BNA_G
ClientSampleId :
COM-4

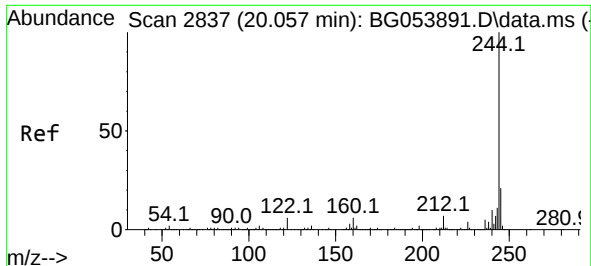
Tgt Ion:188 Resp: 166914
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.1 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG053904.D
Acq: 14 Jun 2022 16:48

Tgt Ion:240 Resp: 205299
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 24.0 20.2 30.4

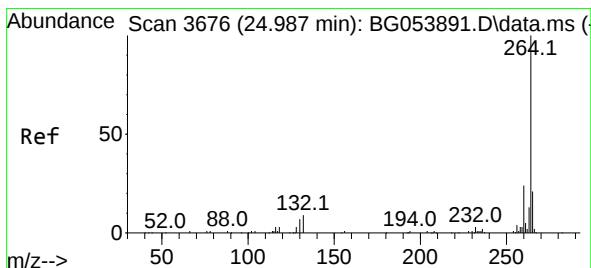
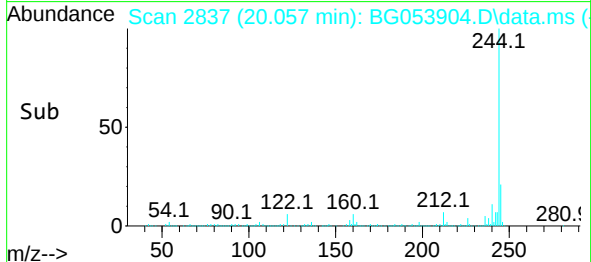
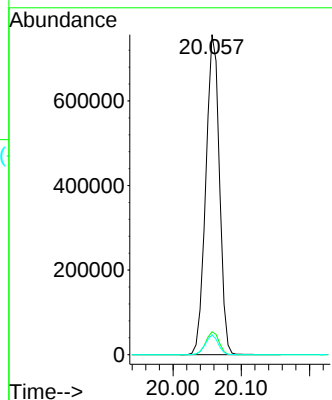
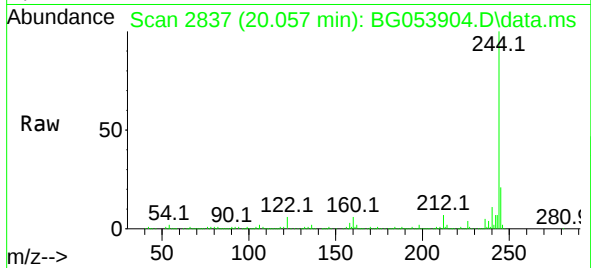




#79
 Terphenyl-d14
 Concen: 102.924 ng
 RT: 20.057 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053904.D
 Acq: 14 Jun 2022 16:48

Instrument :
 BNA_G
 ClientSampleId :
 COM-4

Tgt Ion:244 Resp: 1049125
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3676
 Delta R.T. 0.000 min
 Lab File: BG053904.D
 Acq: 14 Jun 2022 16:48

Tgt Ion:264 Resp: 210617
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.5 17.4 26.2

