

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053696.D
 Acq On : 25 May 2022 16:33
 Operator : CG/JU
 Sample : N2923-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01

Quant Time: May 26 02:51:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	27001	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	103717	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	74269	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	176454	20.000	ng	0.00
76) Chrysene-d12	21.633	240	199362	20.000	ng	0.00
86) Perylene-d12	24.840	264	203185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	152181	95.653	ng	0.00
7) Phenol-d6	7.164	99	228703	94.719	ng	0.00
23) Nitrobenzene-d5	9.150	82	152198	62.466	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	109722	100.168	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	331164	65.158	ng	0.00
79) Terphenyl-d14	19.976	244	657049	61.382	ng	0.00

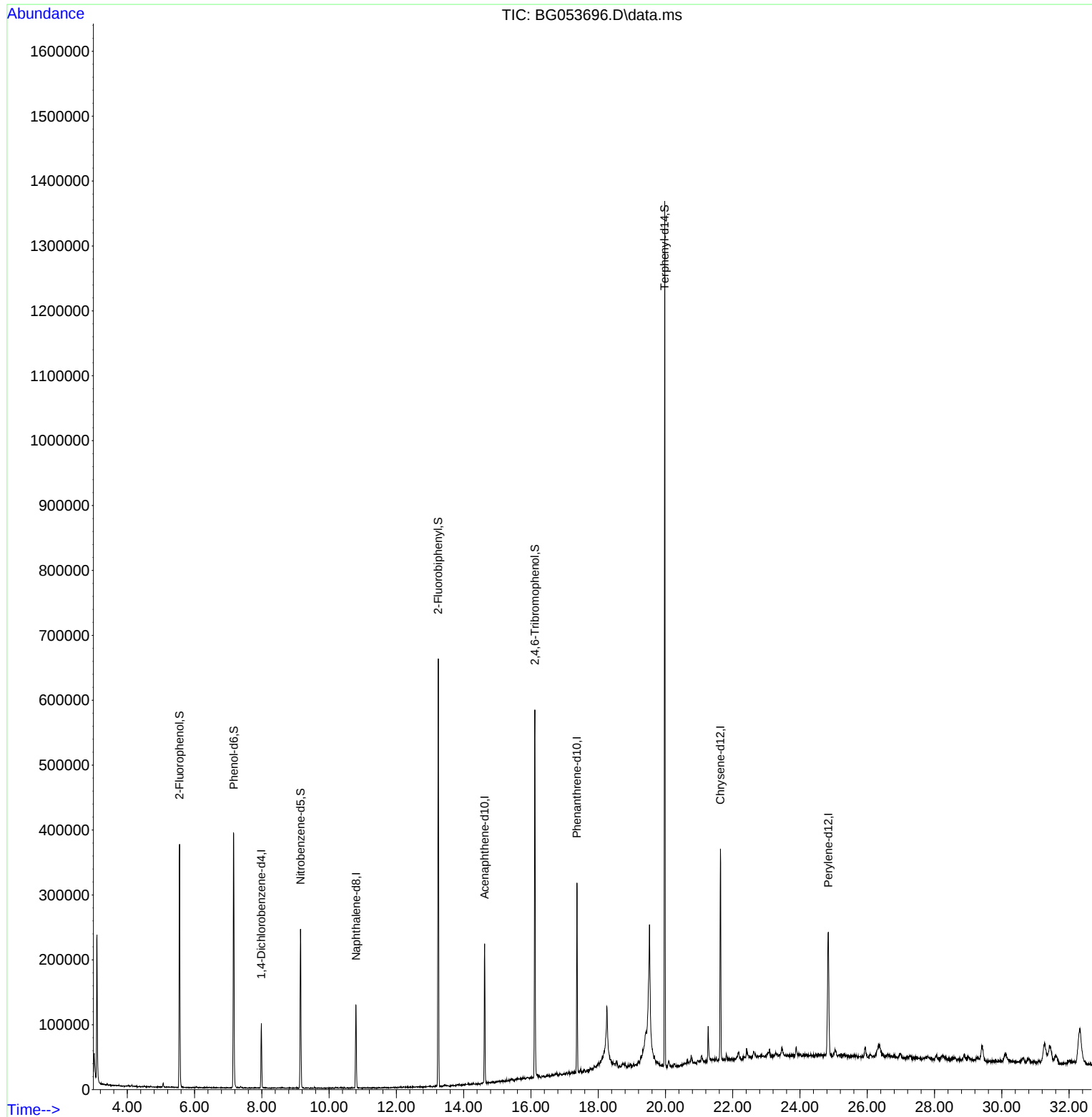
Target Compounds	Qvalue

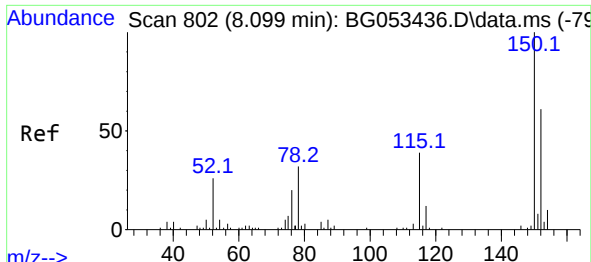
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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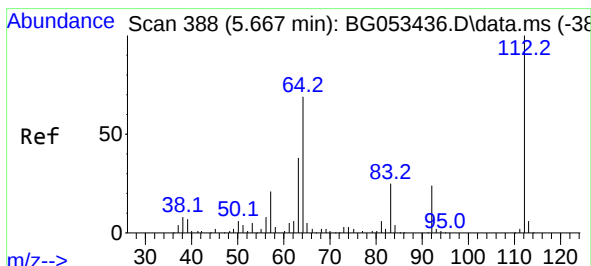
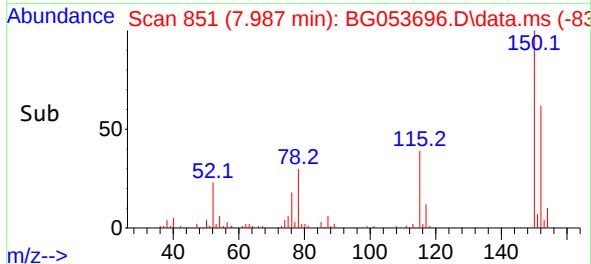
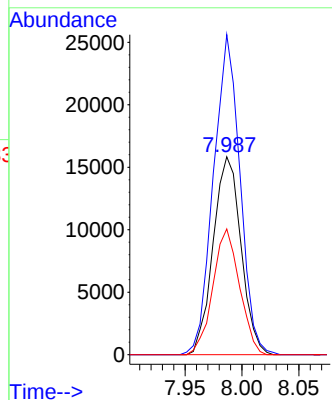
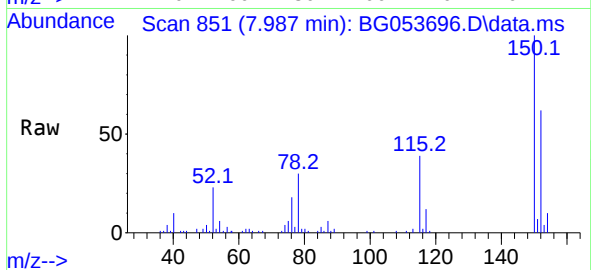




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

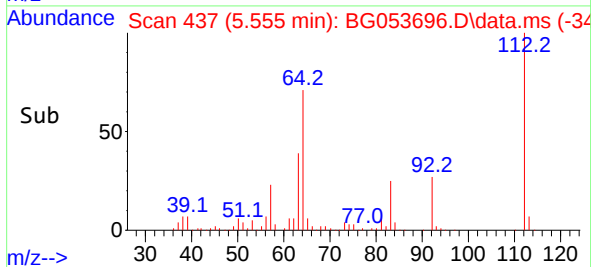
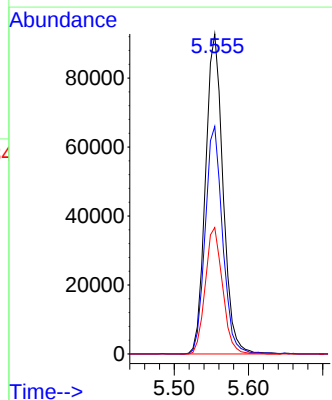
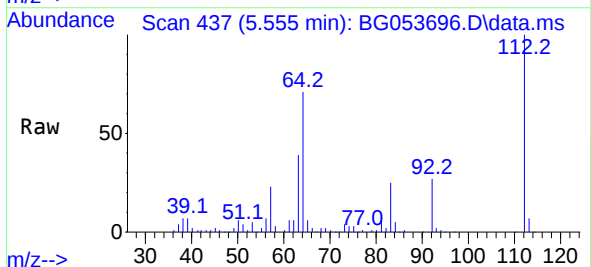
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

Tgt Ion:152 Resp: 27001
Ion Ratio Lower Upper
152 100
150 161.6 131.6 197.4
115 63.5 50.9 76.3



#5
2-Fluorophenol
Concen: 95.653 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:112 Resp: 152181
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 39.5 30.4 45.6

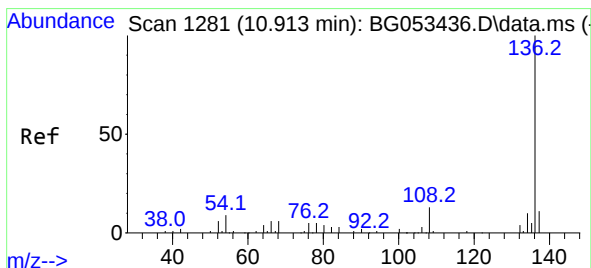
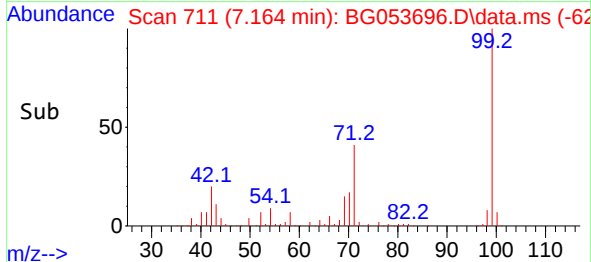
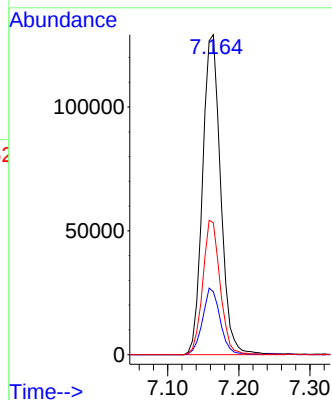
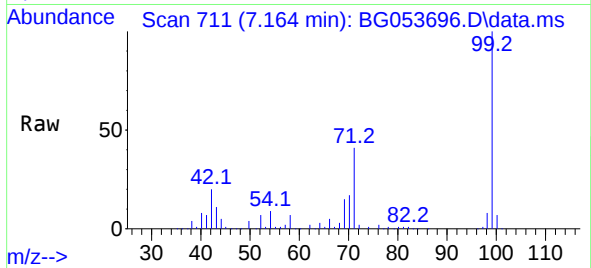




#7
Phenol-d6
Concen: 94.719 ng
RT: 7.164 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

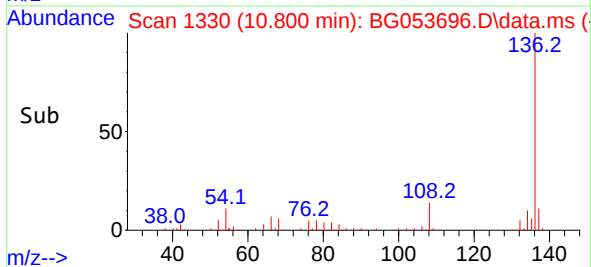
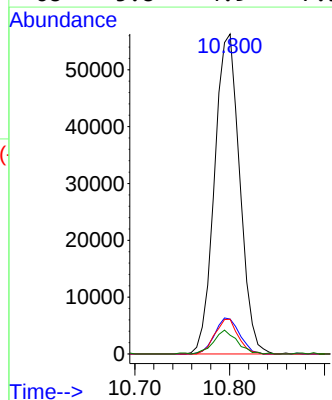
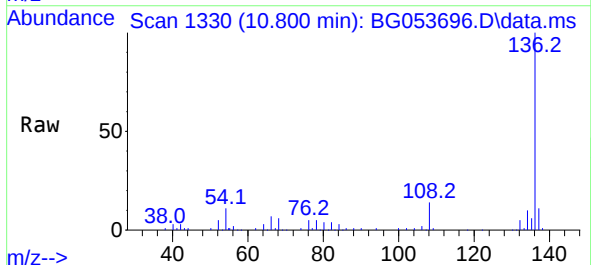
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

Tgt Ion: 99 Resp: 228703
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 41.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion: 136 Resp: 103717
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.9 7.4 11.2
68 5.8 4.9 7.3

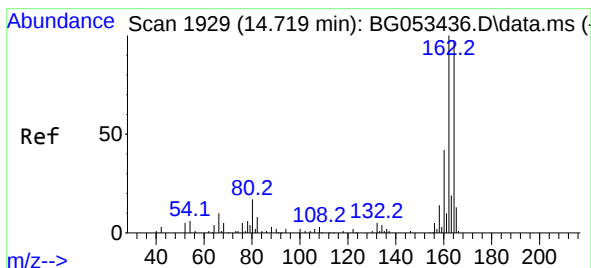
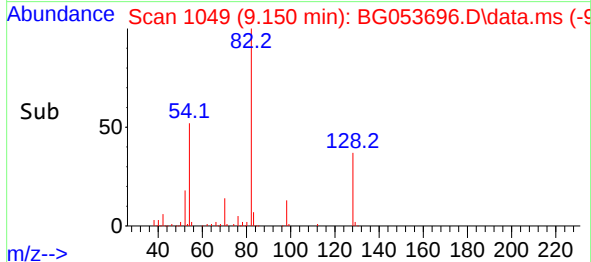
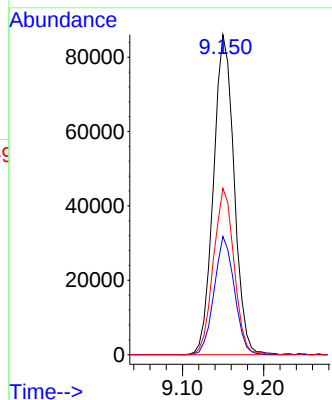
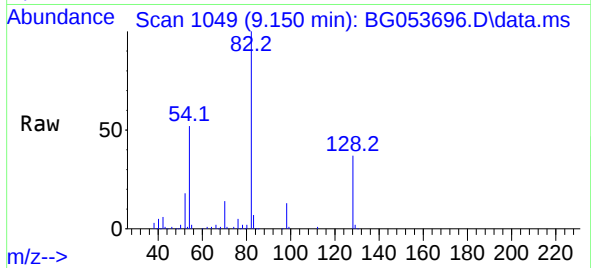




#23
Nitrobenzene-d5
Concen: 62.466 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

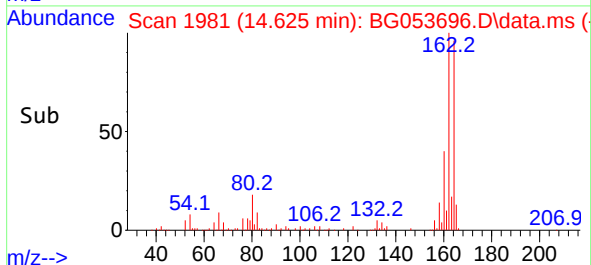
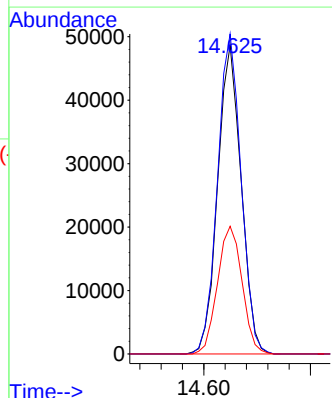
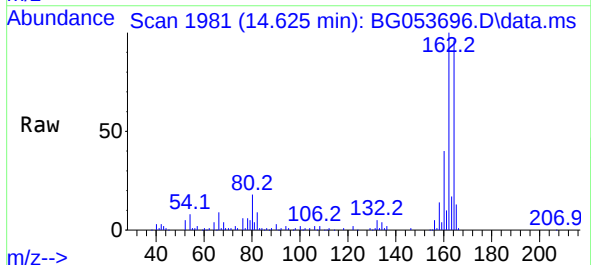
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

Tgt Ion: 82 Resp: 152198
Ion Ratio Lower Upper
82 100
128 36.9 27.9 41.9
54 52.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:164 Resp: 74269
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 41.3 34.2 51.2

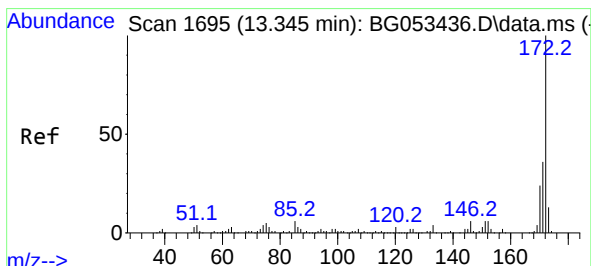
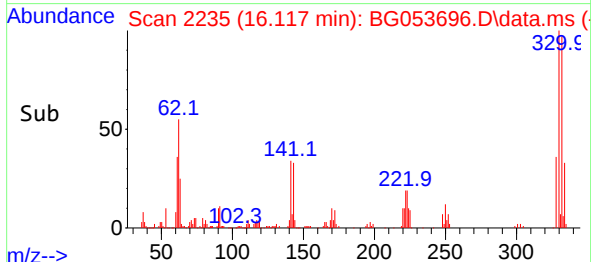
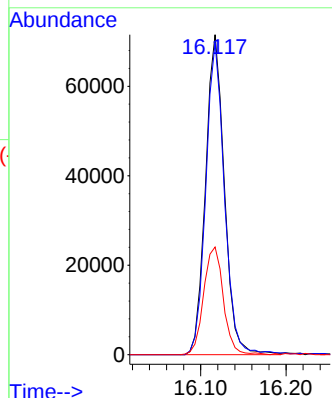
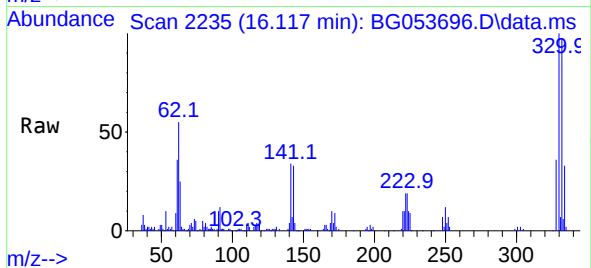




#42
2,4,6-Tribromophenol
Concen: 100.168 ng
RT: 16.117 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

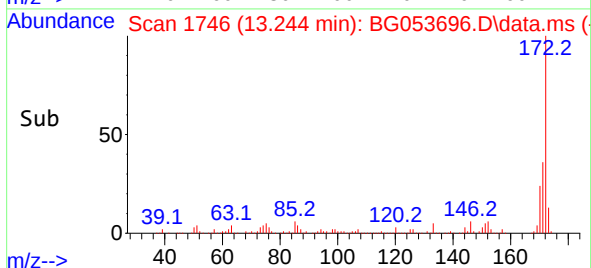
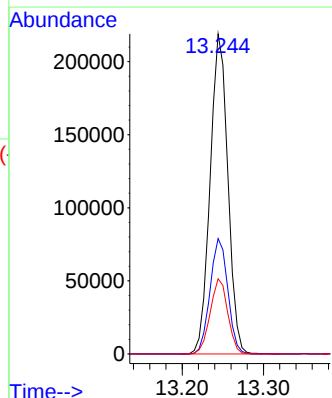
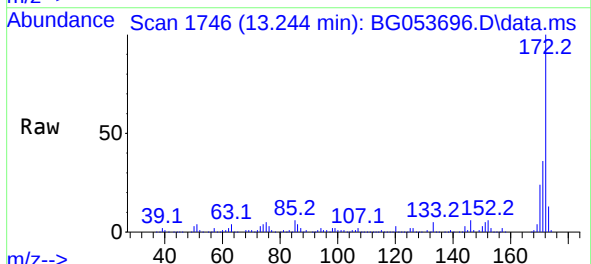
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01

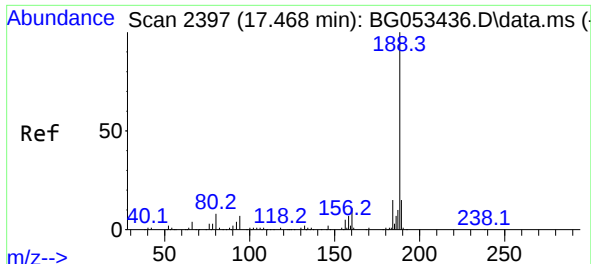
Tgt Ion:330 Resp: 109722
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 35.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 65.158 ng
RT: 13.244 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:172 Resp: 331164
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.5 18.9 28.3

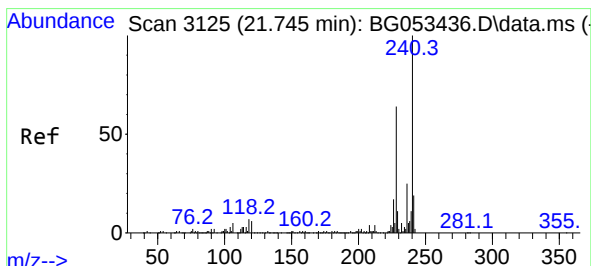
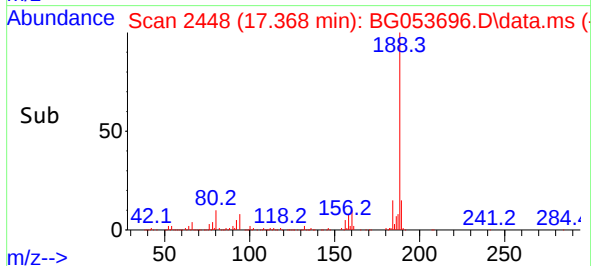
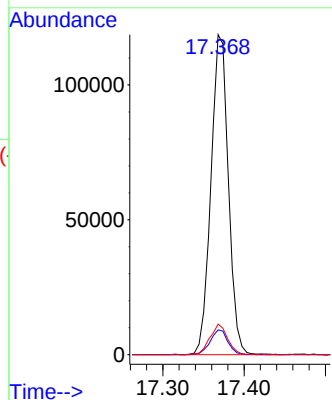
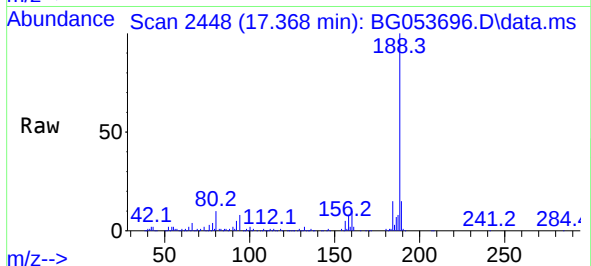




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

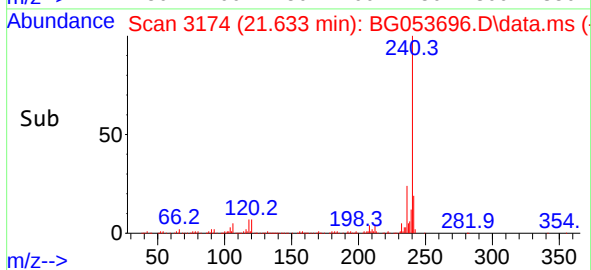
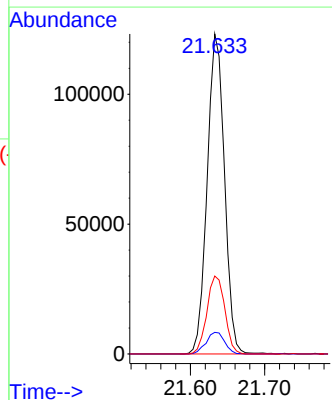
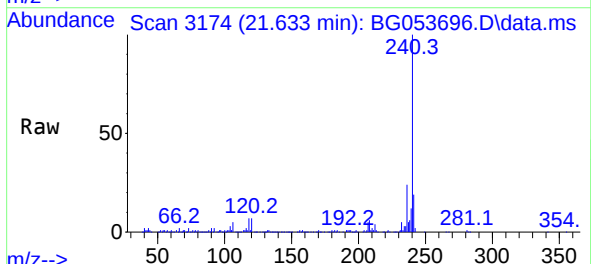
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P024-SS007-0006-01

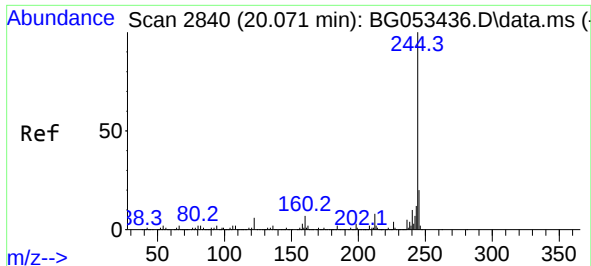
Tgt Ion:188 Resp: 176454
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 9.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG053696.D
Acq: 25 May 2022 16:33

Tgt Ion:240 Resp: 199362
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 24.3 20.2 30.4

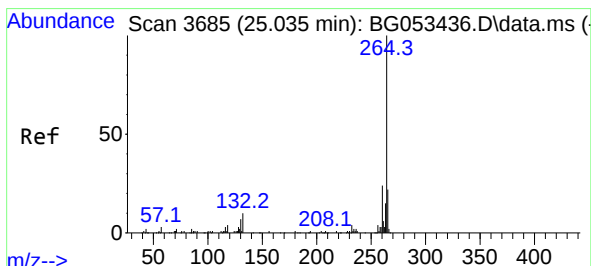
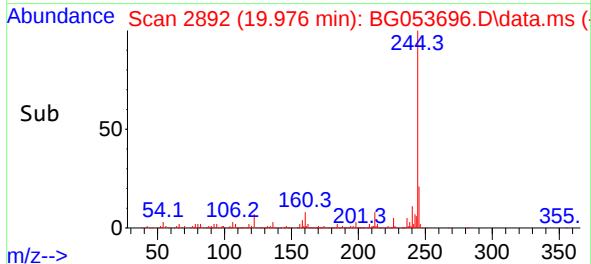
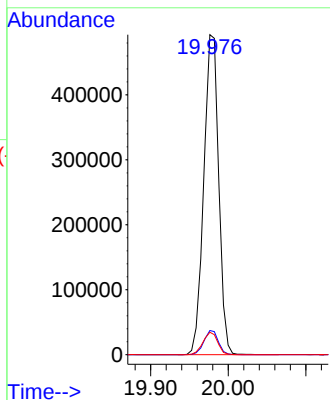
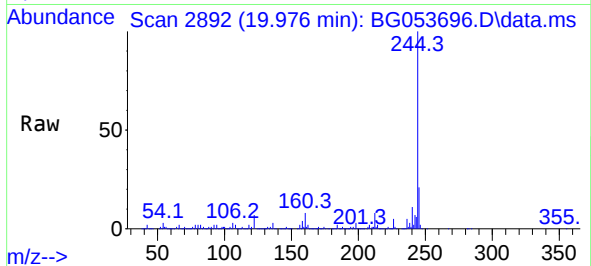




#79
 Terphenyl-d14
 Concen: 61.382 ng
 RT: 19.976 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053696.D
 Acq: 25 May 2022 16:33

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01

Tgt Ion:244 Resp: 657049
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.840 min Scan# 3720
 Delta R.T. 0.000 min
 Lab File: BG053696.D
 Acq: 25 May 2022 16:33

Tgt Ion:264 Resp: 203185
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.9 17.4 26.2

