

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053624.D
 Acq On : 19 May 2022 13:36
 Operator : CG/JU
 Sample : PB144818TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144818TB

Quant Time: May 20 03:56:59 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	8.077	152	24808	20.000	ng	# 0.00
21) Naphthalene-d8	10.885	136	97212	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	76269	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	195073	20.000	ng	0.00
76) Chrysene-d12	21.729	240	207724	20.000	ng	0.00
86) Perylene-d12	25.001	264	202892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.645	112	201397	137.777	ng	0.00
7) Phenol-d6	7.242	99	295761	133.319	ng	0.00
23) Nitrobenzene-d5	9.240	82	205670	90.061	ng	0.00
42) 2,4,6-Tribromophenol	16.189	330	152278	135.373	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	479839	91.935	ng	0.00
79) Terphenyl-d14	20.055	244	1025057	91.907	ng	0.00

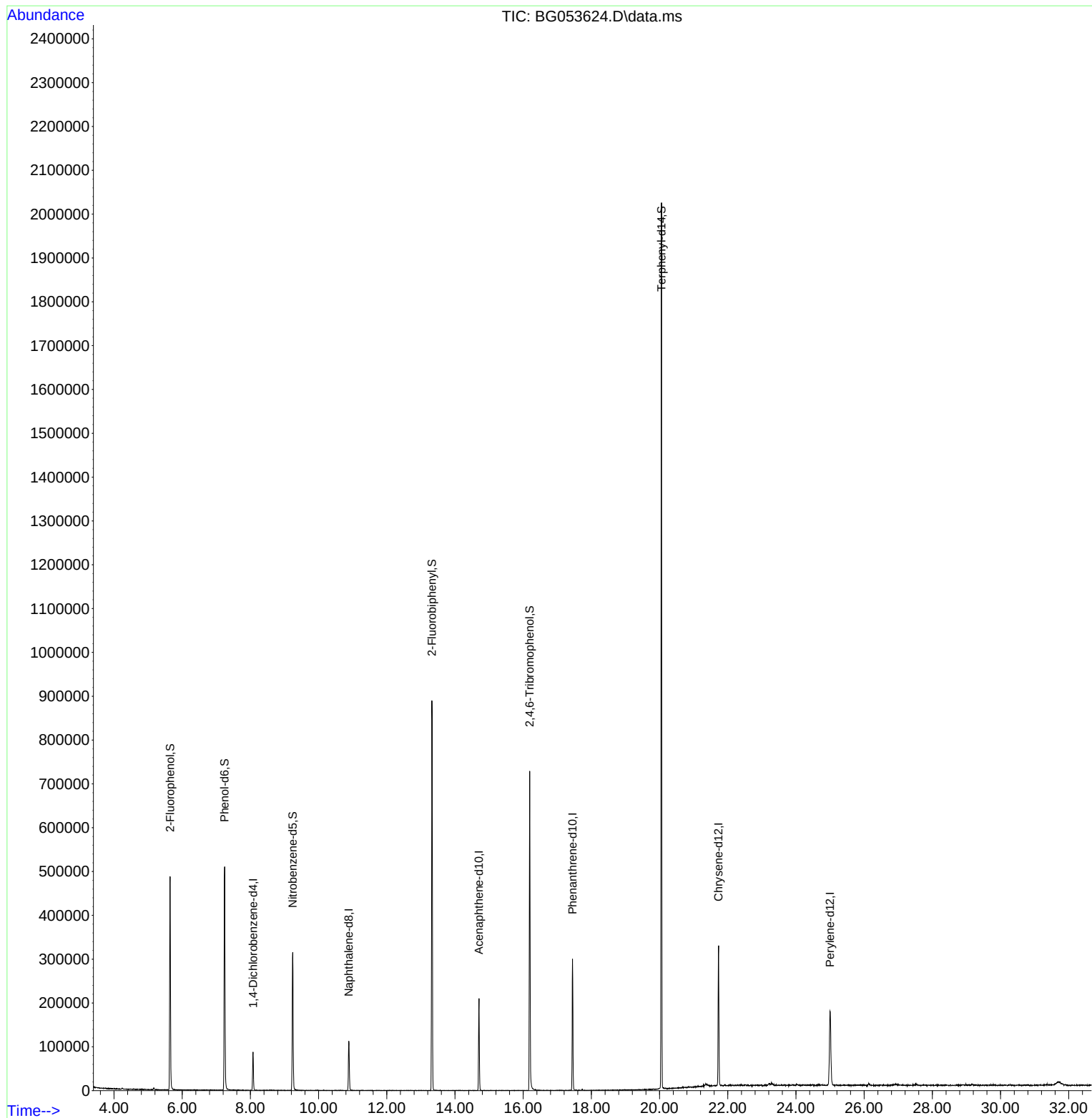
Target Compounds	Qvalue

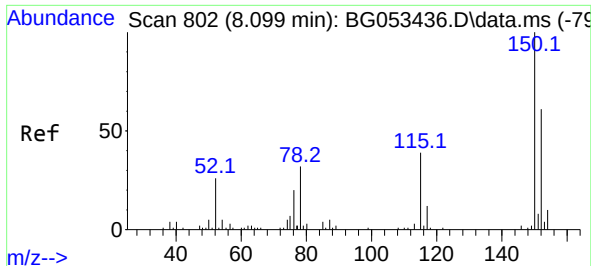
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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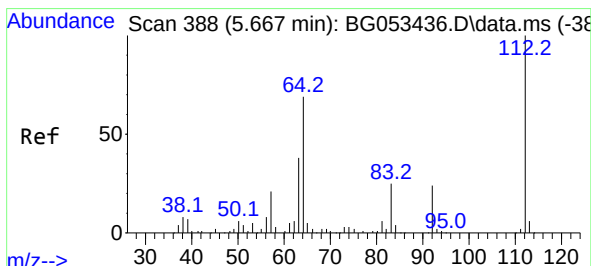
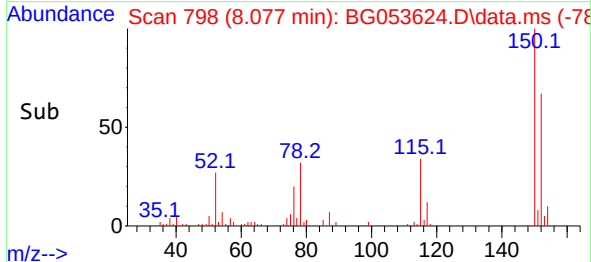
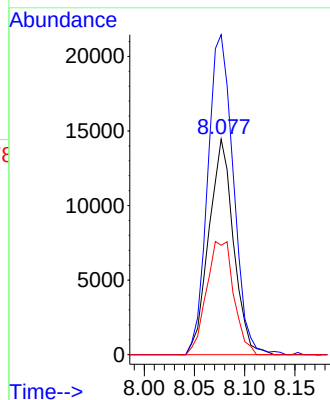
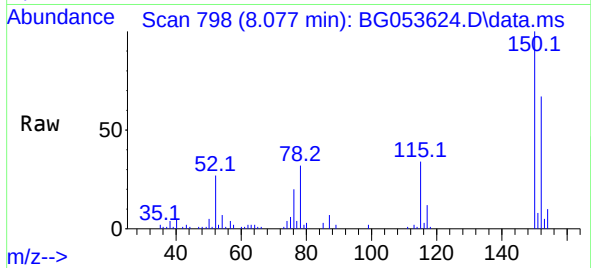




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.077 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

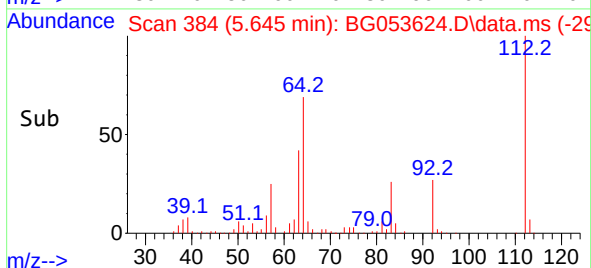
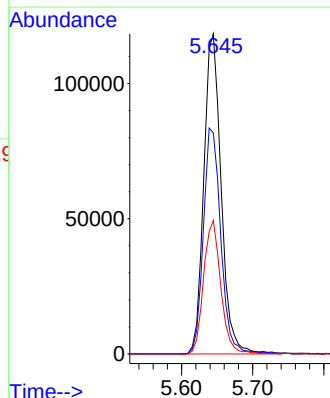
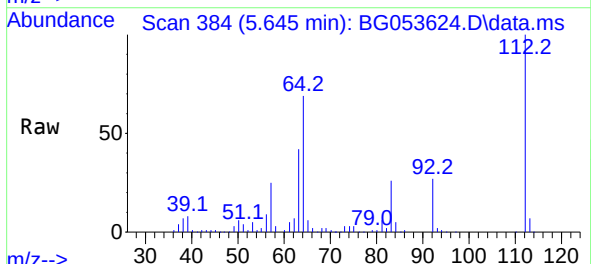
Instrument :
BNA_G
ClientSampleId :
PB144818TB

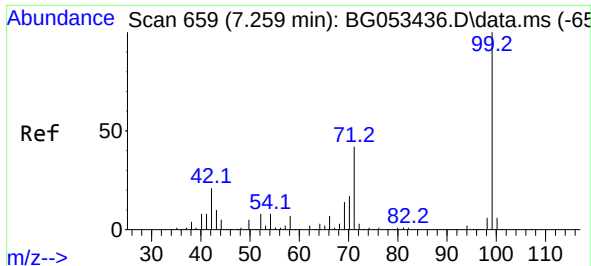
Tgt Ion:152 Resp: 24808
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 50.8 50.9 76.3#



#5
2-Fluorophenol
Concen: 137.777 ng
RT: 5.645 min Scan# 384
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:112 Resp: 201397
Ion Ratio Lower Upper
112 100
64 69.1 55.1 82.7
63 41.7 30.4 45.6

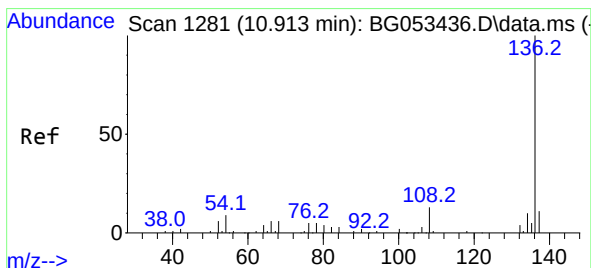
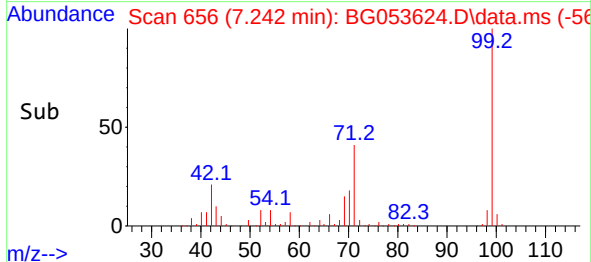
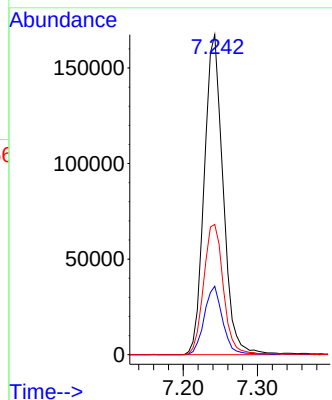
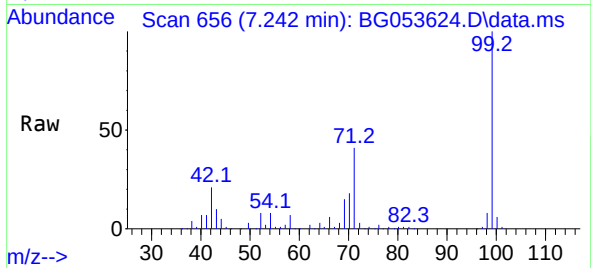




#7
Phenol-d6
Concen: 133.319 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

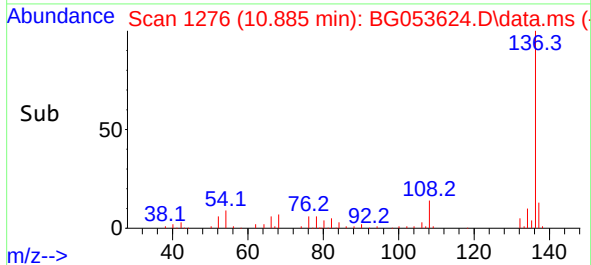
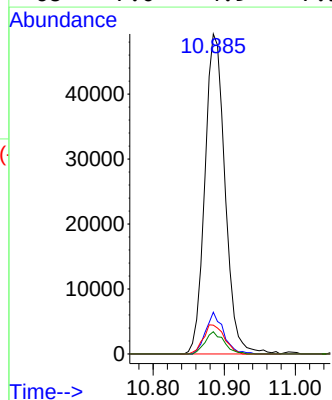
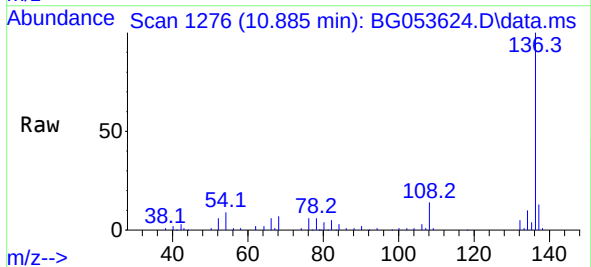
Instrument :
BNA_G
ClientSampleId :
PB144818TB

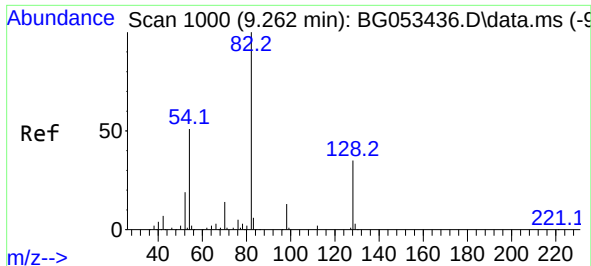
Tgt Ion: 99 Resp: 295761
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 40.7 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1276
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion: 136 Resp: 97212
Ion Ratio Lower Upper
136 100
137 13.1 8.5 12.7#
54 9.0 7.4 11.2
68 7.0 4.9 7.3

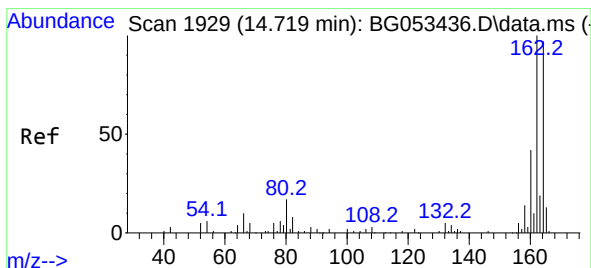
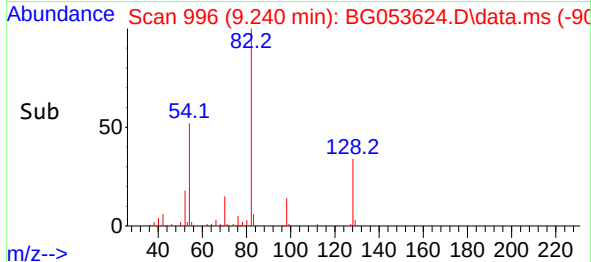
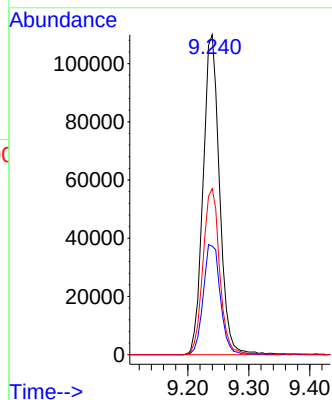
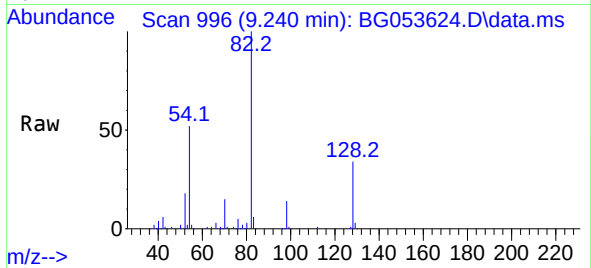




#23
Nitrobenzene-d5
Concen: 90.061 ng
RT: 9.240 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

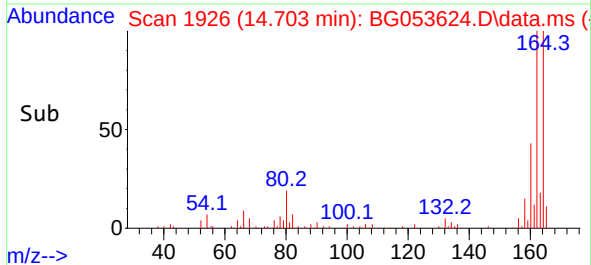
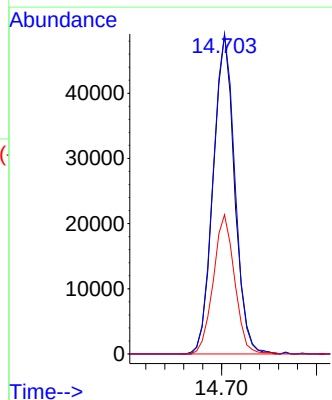
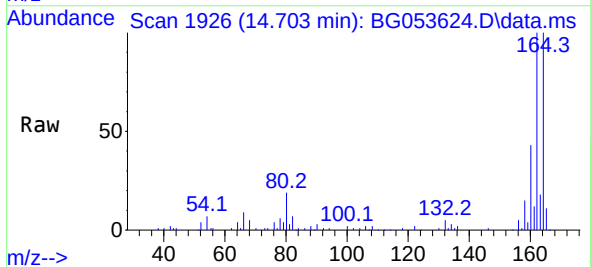
Instrument :
BNA_G
ClientSampleId :
PB144818TB

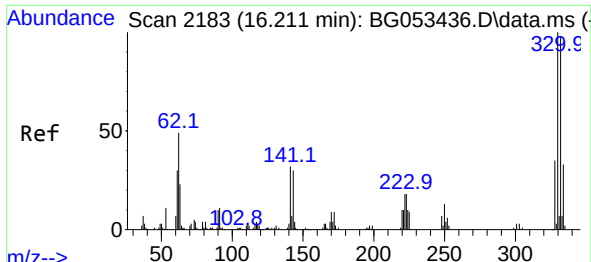
Tgt Ion: 82 Resp: 205670
Ion Ratio Lower Upper
82 100
128 33.9 27.9 41.9
54 51.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1926
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion: 164 Resp: 76269
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 43.6 34.2 51.2

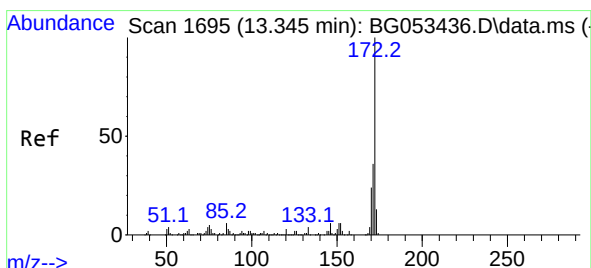
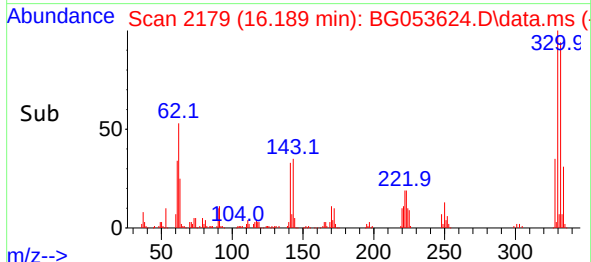
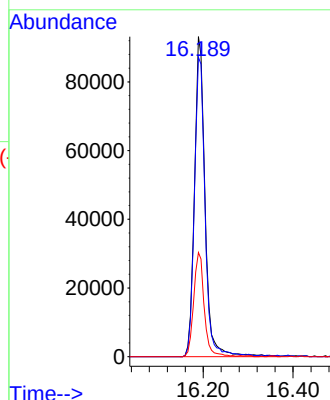
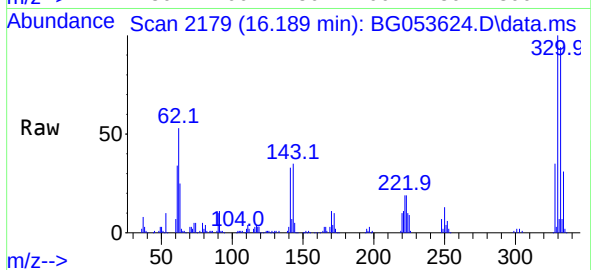




#42
2,4,6-Tribromophenol
Concen: 135.373 ng
RT: 16.189 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

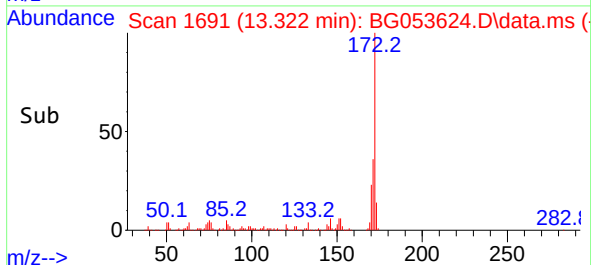
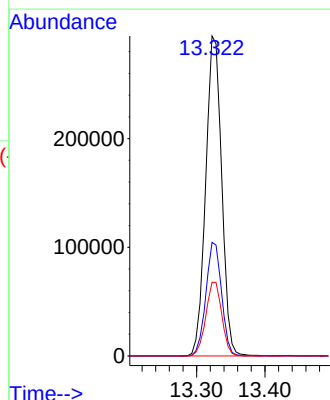
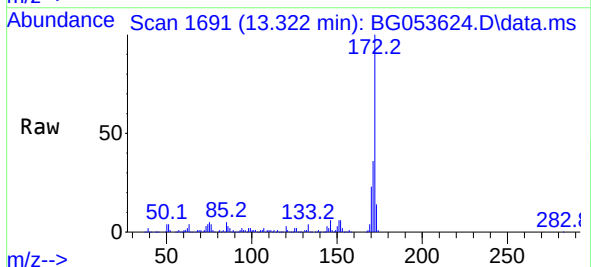
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ClientSampleId :
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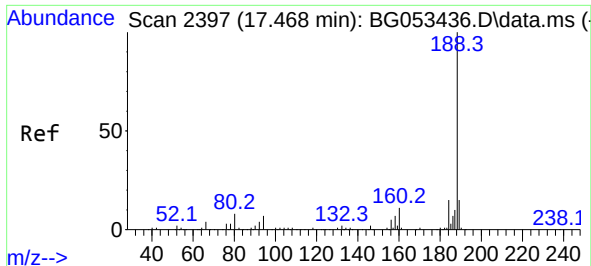
Tgt Ion:330 Resp: 152278
Ion Ratio Lower Upper
330 100
332 94.0 76.0 114.0
141 32.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 91.935 ng
RT: 13.322 min Scan# 1691
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:172 Resp: 479839
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.0 18.9 28.3

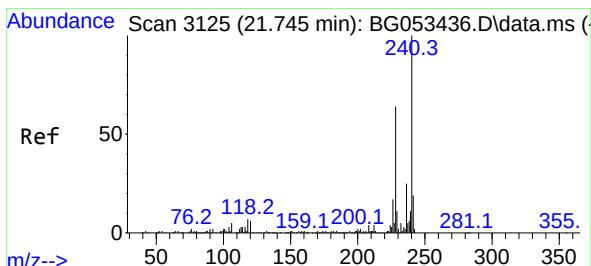
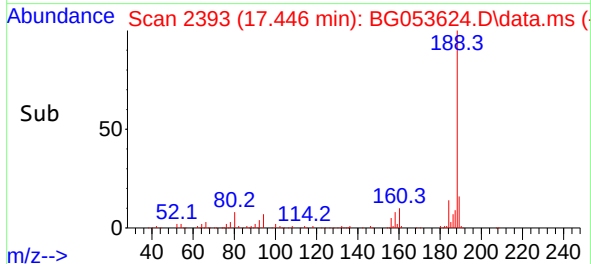
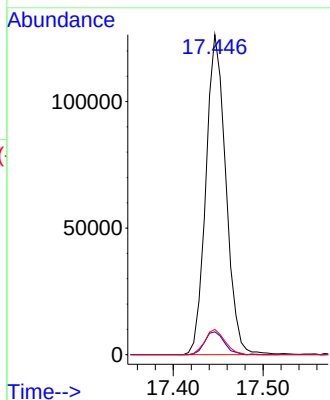
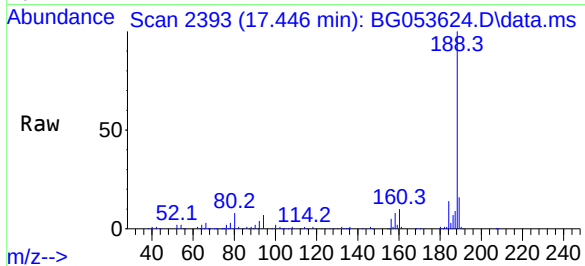




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.446 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

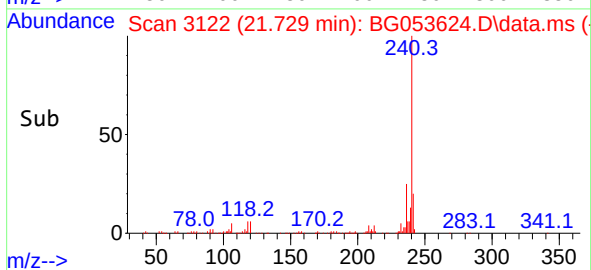
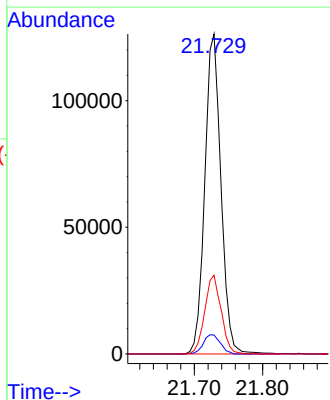
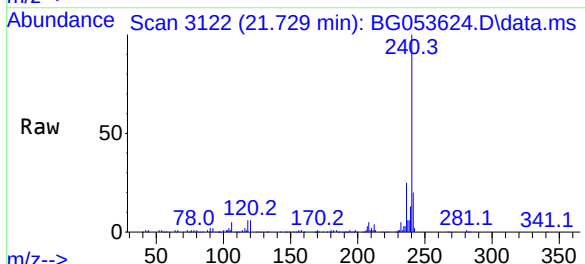
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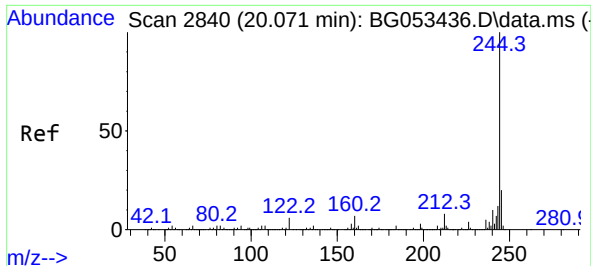
Tgt Ion:188 Resp: 195073
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.729 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:240 Resp: 207724
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.6 20.2 30.4

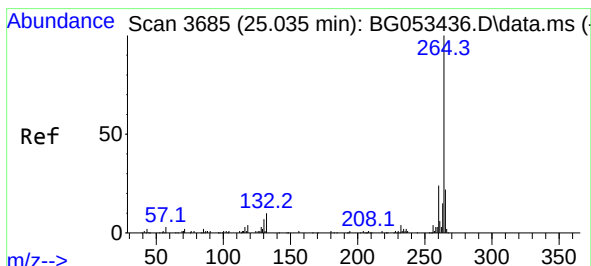
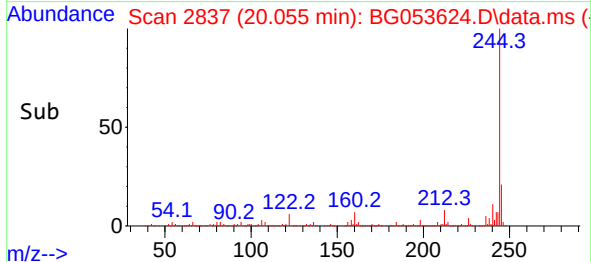
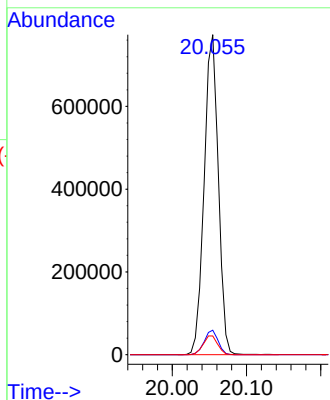
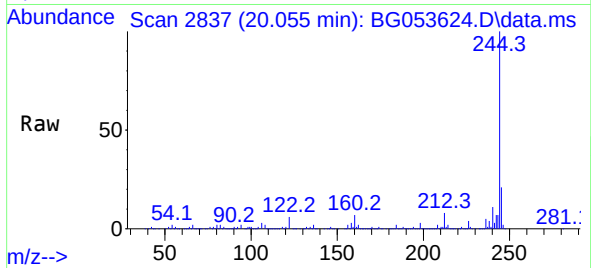




#79
Terphenyl-d14
Concen: 91.907 ng
RT: 20.055 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Instrument :
BNA_G
ClientSampleId :
PB144818TB

Tgt Ion:244 Resp: 1025057
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 5.9 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3679
Delta R.T. -0.004 min
Lab File: BG053624.D
Acq: 19 May 2022 13:36

Tgt Ion:264 Resp: 202892
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 21.1 17.4 26.2

