

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072321\
 Data File : BG049423.D
 Acq On : 23 Jul 2021 11:36
 Operator : CG/JU
 Sample : PB137690BL
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137690BL

Quant Time: Jul 23 12:13:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	26867	20.000	ng	0.00
21) Naphthalene-d8	10.883	136	109957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	76689	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	162981	20.000	ng	# 0.00
76) Chrysene-d12	21.739	240	189615	20.000	ng	# 0.00
86) Perylene-d12	25.023	264	191095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	206646	130.494	ng	0.00
7) Phenol-d6	7.218	99	273371	118.534	ng	0.00
23) Nitrobenzene-d5	9.232	82	193126	78.693	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	117191	114.109	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	394678	74.054	ng	0.00
79) Terphenyl-d14	20.065	244	767882	79.089	ng	0.00

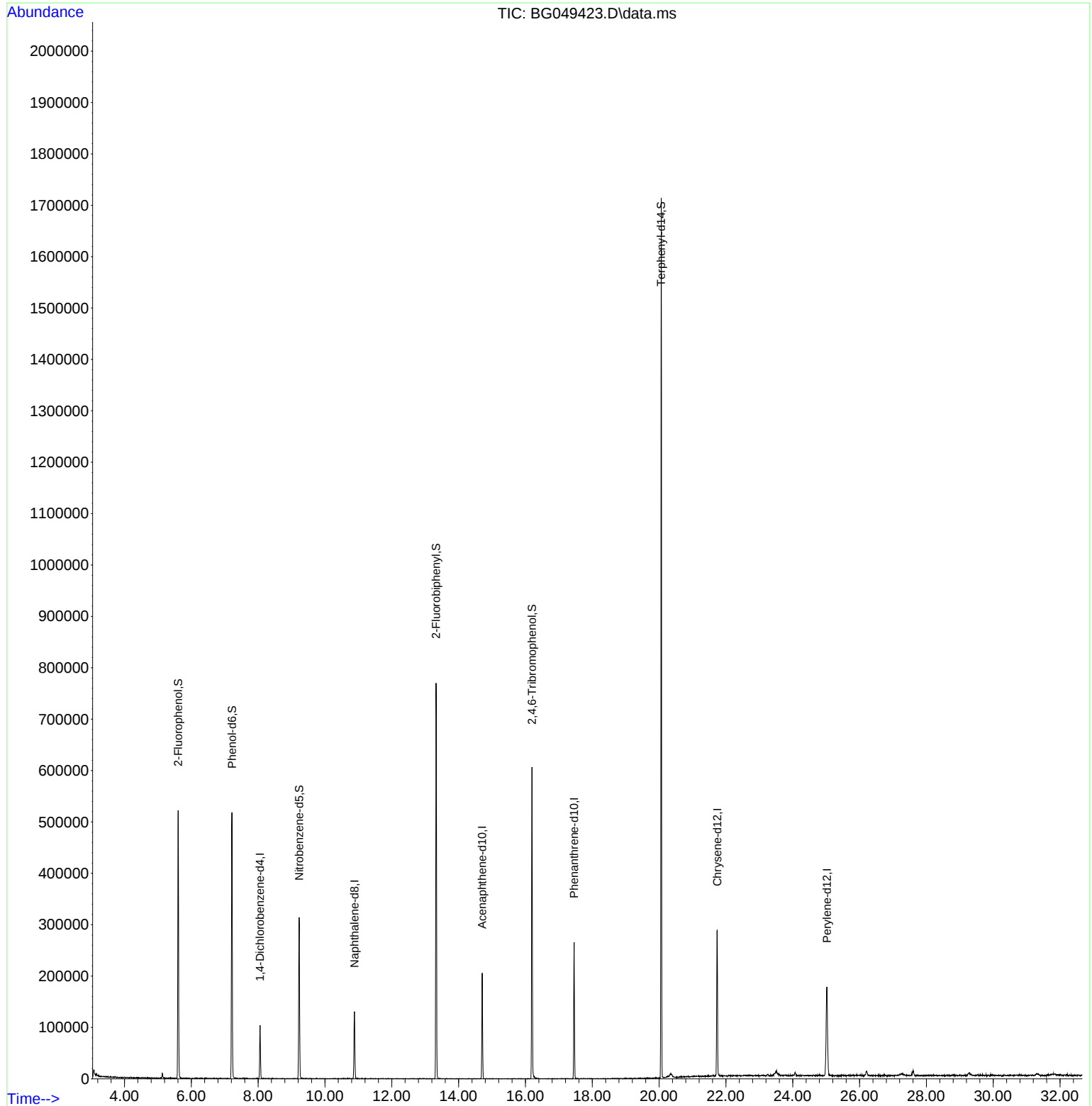
Target Compounds	Qvalue

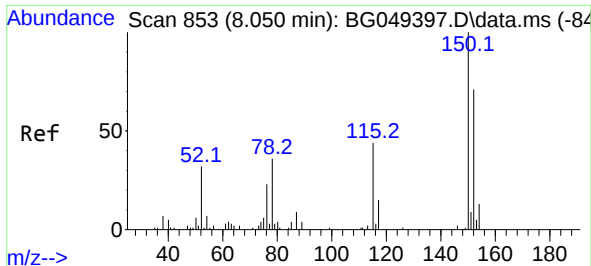
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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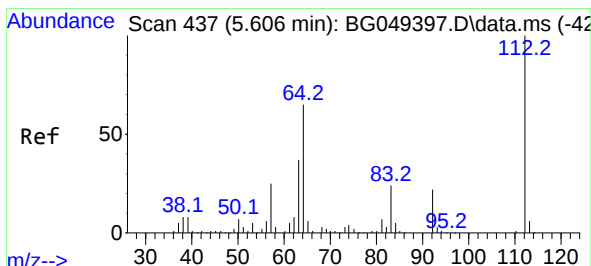
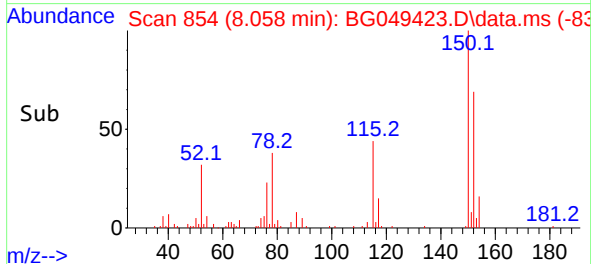
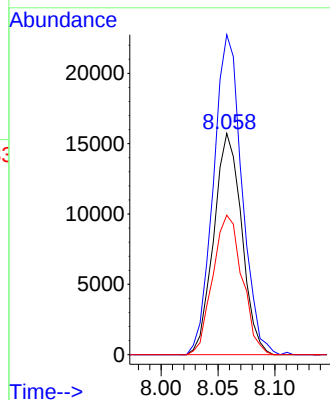
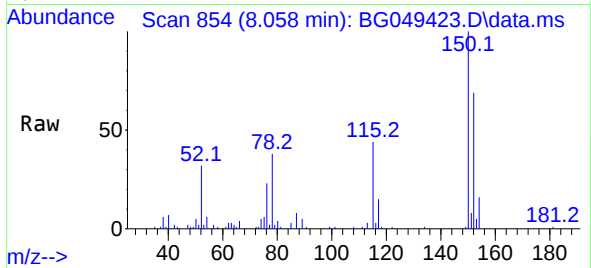




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 854
Delta R.T. 0.008 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

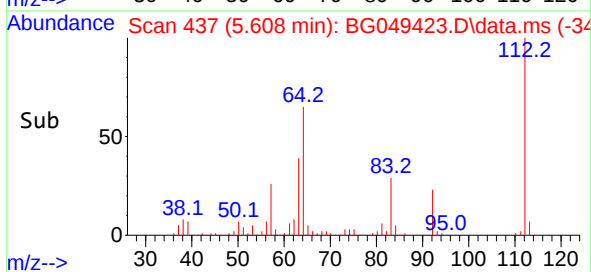
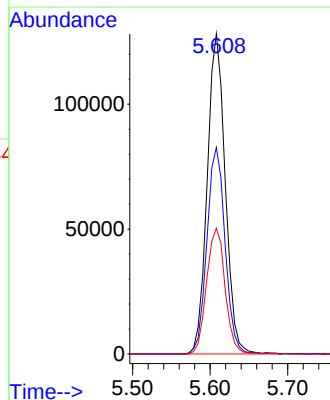
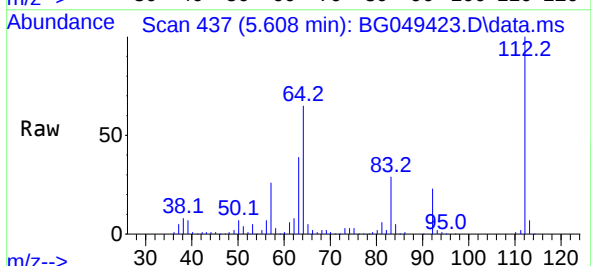
Instrument :
BNA_G
ClientSampled :
PB137690BL

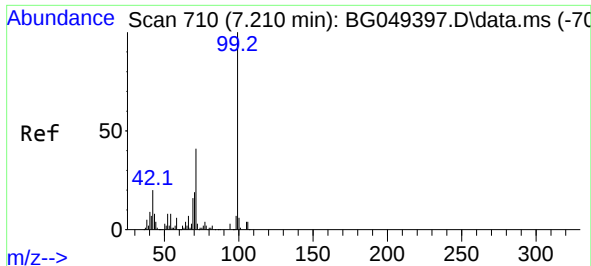
Tgt Ion:152 Resp: 26867
Ion Ratio Lower Upper
152 100
150 144.6 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 130.494 ng
RT: 5.608 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

Tgt Ion:112 Resp: 206646
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 39.3 35.3 52.9

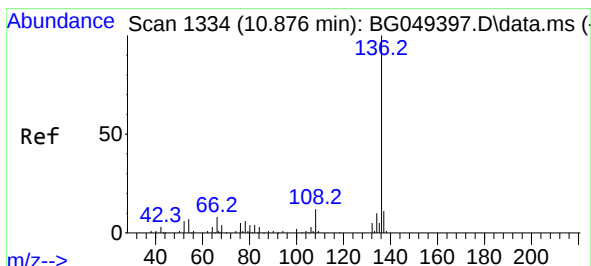
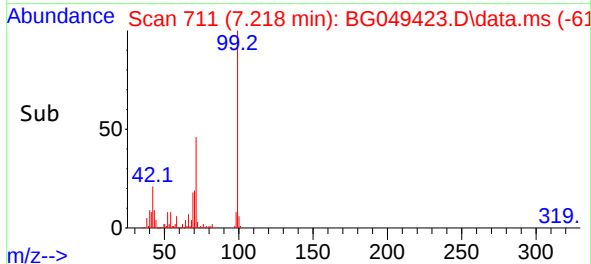
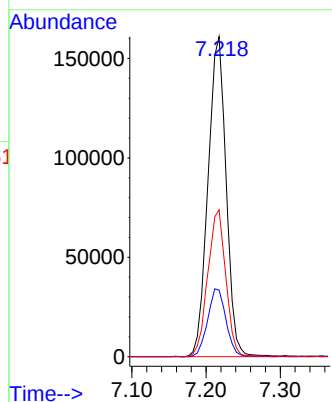
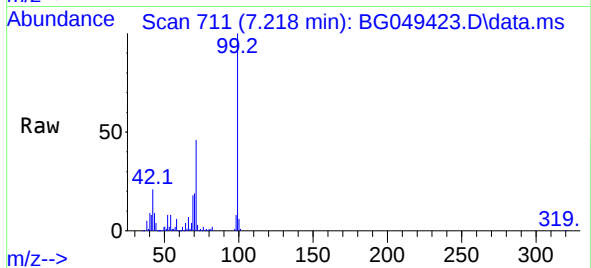




#7
Phenol-d6
Concen: 118.534 ng
RT: 7.218 min Scan# 711
Delta R.T. 0.008 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

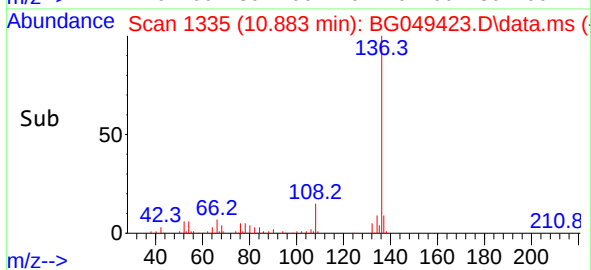
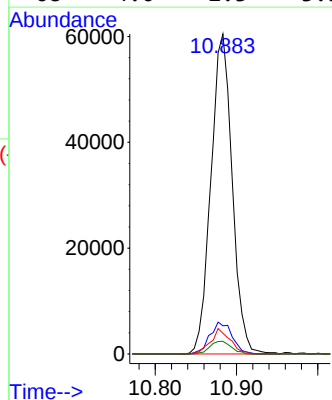
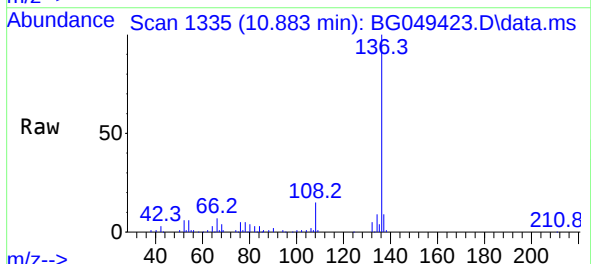
Instrument :
BNA_G
ClientSampleId :
PB137690BL

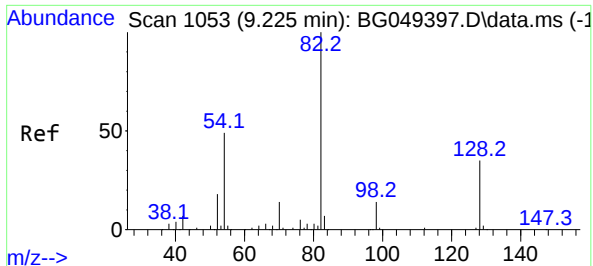
Tgt Ion: 99 Resp: 273371
Ion Ratio Lower Upper
99 100
42 20.8 20.5 30.7
71 45.9 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.883 min Scan# 1335
Delta R.T. 0.007 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

Tgt Ion: 136 Resp: 109957
Ion Ratio Lower Upper
136 100
137 8.8 8.2 12.2
54 6.4 5.5 8.3
68 4.0 2.3 3.5#

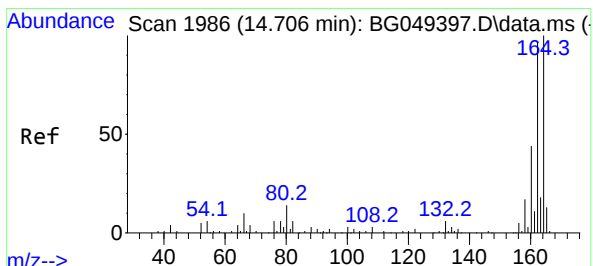
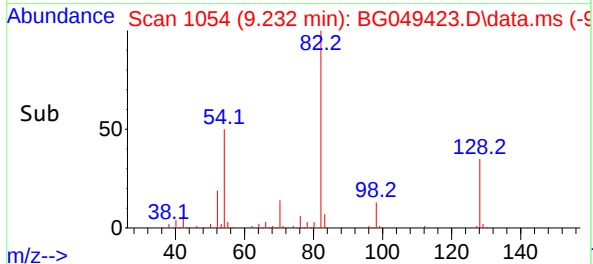
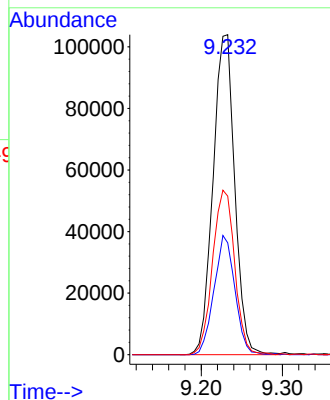
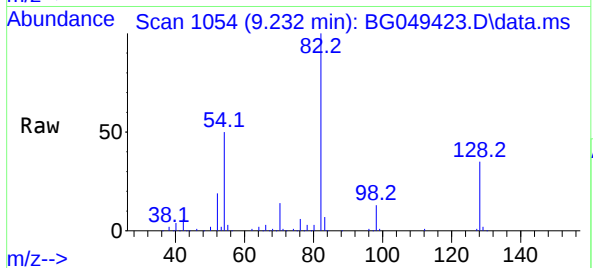




#23
Nitrobenzene-d5
Concen: 78.693 ng
RT: 9.232 min Scan# 1054
Delta R.T. 0.008 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

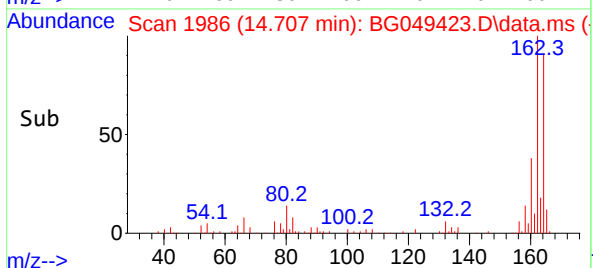
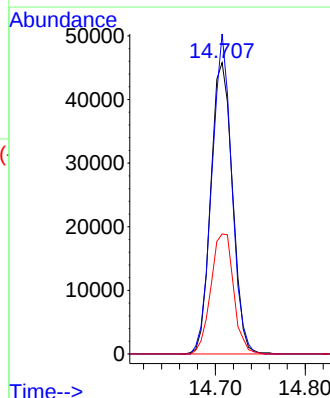
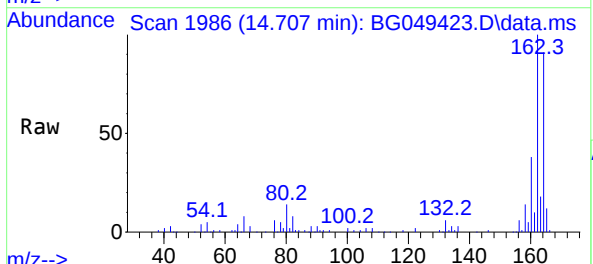
Instrument :
BNA_G
ClientSampleId :
PB137690BL

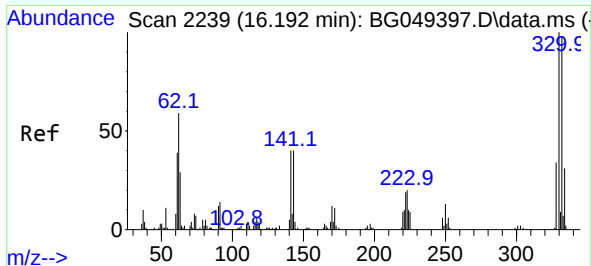
Tgt Ion: 82 Resp: 193126
Ion Ratio Lower Upper
82 100
128 34.9 29.8 44.6
54 49.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

Tgt Ion:164 Resp: 76689
Ion Ratio Lower Upper
164 100
162 109.8 81.4 122.0
160 41.2 34.9 52.3

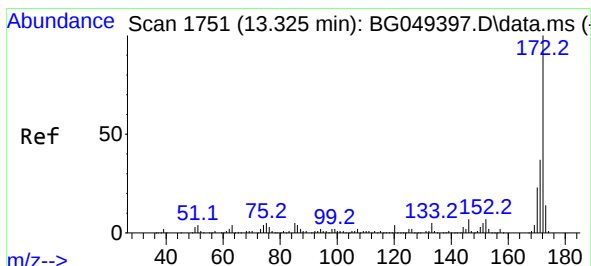
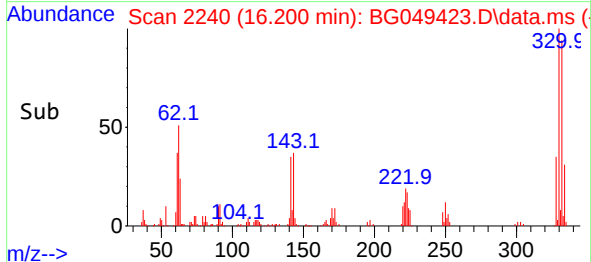
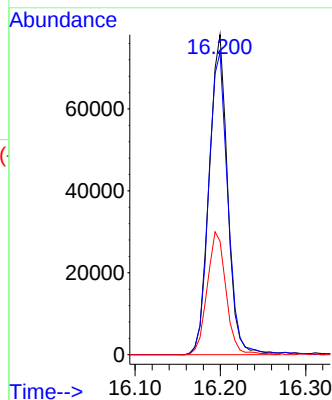
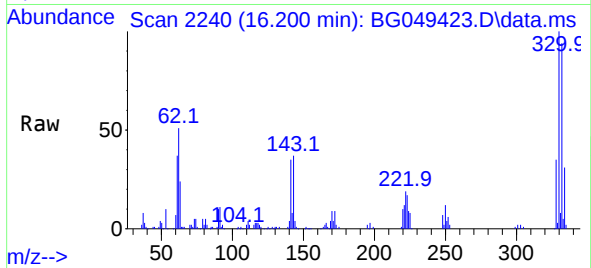




#42
2,4,6-Tribromophenol
Concen: 114.109 ng
RT: 16.200 min Scan# 2240
Delta R.T. 0.008 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

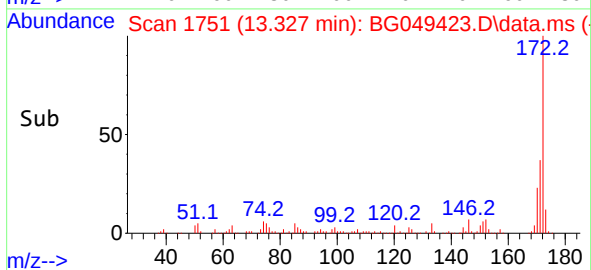
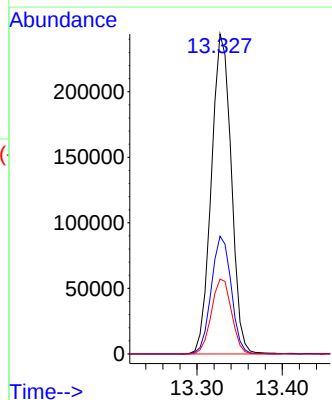
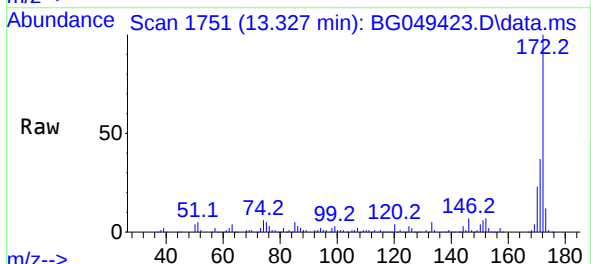
Instrument :
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ClientSampled :
PB137690BL

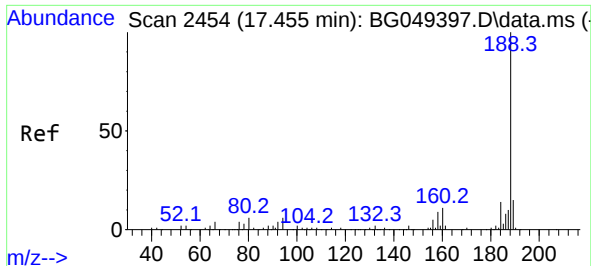
Tgt Ion:330 Resp: 117191
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 39.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 74.054 ng
RT: 13.327 min Scan# 1751
Delta R.T. 0.002 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

Tgt Ion:172 Resp: 394678
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.4 18.6 27.8

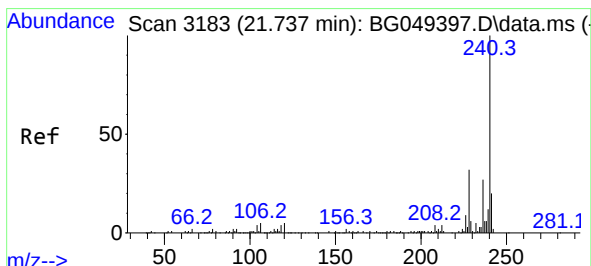
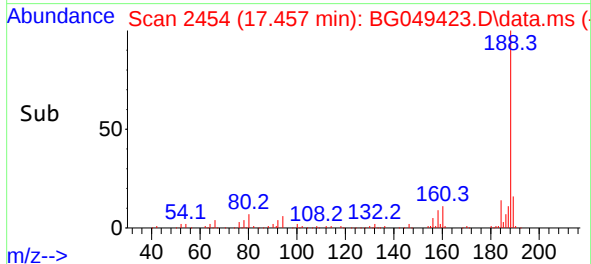
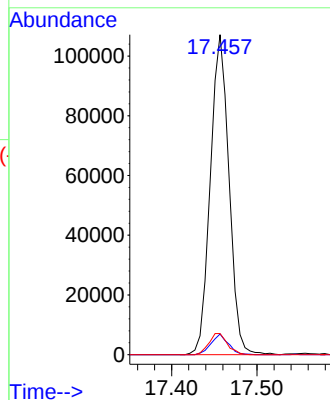
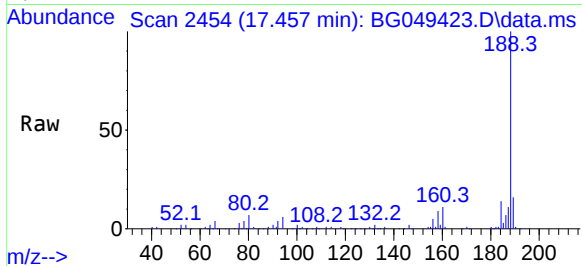




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

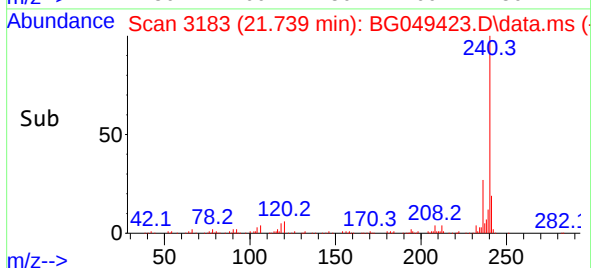
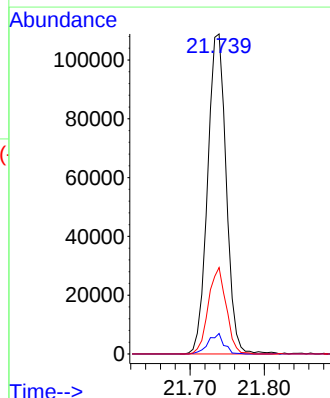
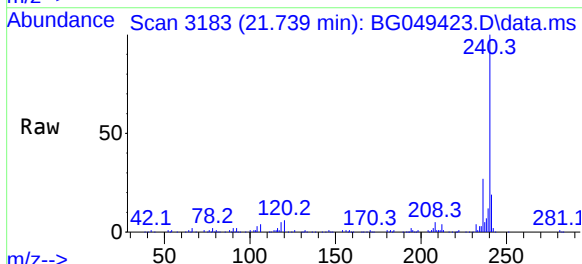
Instrument :
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ClientSampleId :
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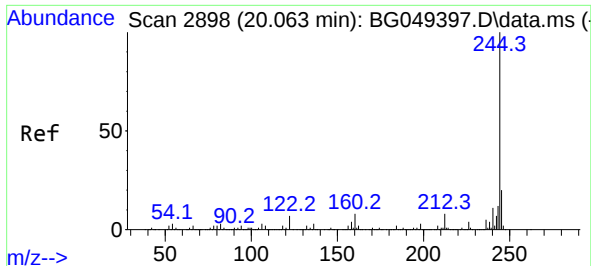
Tgt Ion:188 Resp: 162981
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 6.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3183
Delta R.T. 0.002 min
Lab File: BG049423.D
Acq: 23 Jul 2021 11:36

Tgt Ion:240 Resp: 189615
Ion Ratio Lower Upper
240 100
120 6.4 4.2 6.2#
236 27.0 21.8 32.6

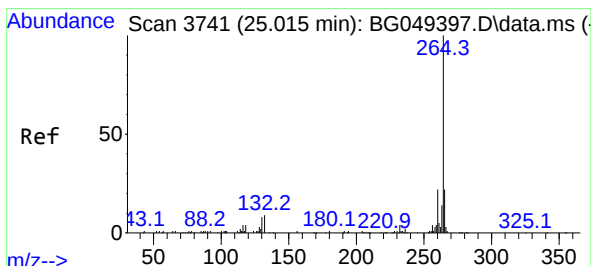
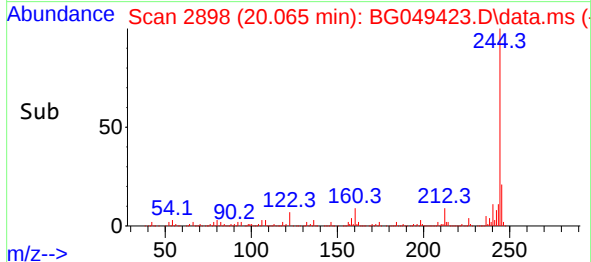
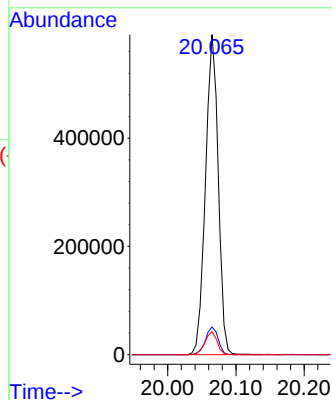
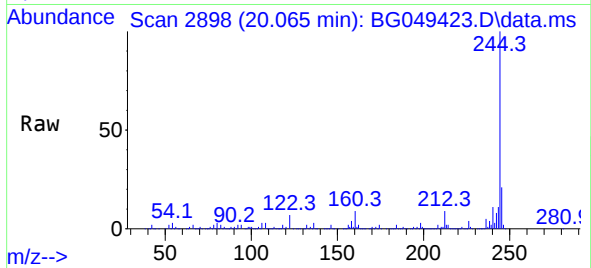




#79
 Terphenyl-d14
 Concen: 79.089 ng
 RT: 20.065 min Scan# 2898
 Delta R.T. 0.002 min
 Lab File: BG049423.D
 Acq: 23 Jul 2021 11:36

Instrument :
 BNA_G
 ClientSampleId :
 PB137690BL

Tgt Ion:244 Resp: 767882
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 7.2 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.023 min Scan# 3742
 Delta R.T. 0.008 min
 Lab File: BG049423.D
 Acq: 23 Jul 2021 11:36

Tgt Ion:264 Resp: 191095
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 22.4 16.9 25.3

