

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052722\
 Data File : BG053731.D
 Acq On : 27 May 2022 13:30
 Operator : CG/JU
 Sample : PB144997BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144997BL

Quant Time: May 28 01:56:08 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	7.951	152	18886	20.000	ng	-0.03
21) Naphthalene-d8	10.765	136	72693	20.000	ng	-0.04
39) Acenaphthene-d10	14.595	164	52625	20.000	ng	-0.03
64) Phenanthrene-d10	17.344	188	138409	20.000	ng	-0.03
76) Chrysene-d12	21.603	240	155565	20.000	ng	-0.04
86) Perylene-d12	24.781	264	147419	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	158474	142.408	ng	-0.04
7) Phenol-d6	7.129	99	226542	134.138	ng	-0.04
23) Nitrobenzene-d5	9.114	82	156170	91.452	ng	-0.04
42) 2,4,6-Tribromophenol	16.087	330	107643	138.687	ng	-0.03
45) 2-Fluorobiphenyl	13.215	172	366110	101.661	ng	-0.03
79) Terphenyl-d14	19.953	244	834501	99.909	ng	-0.02

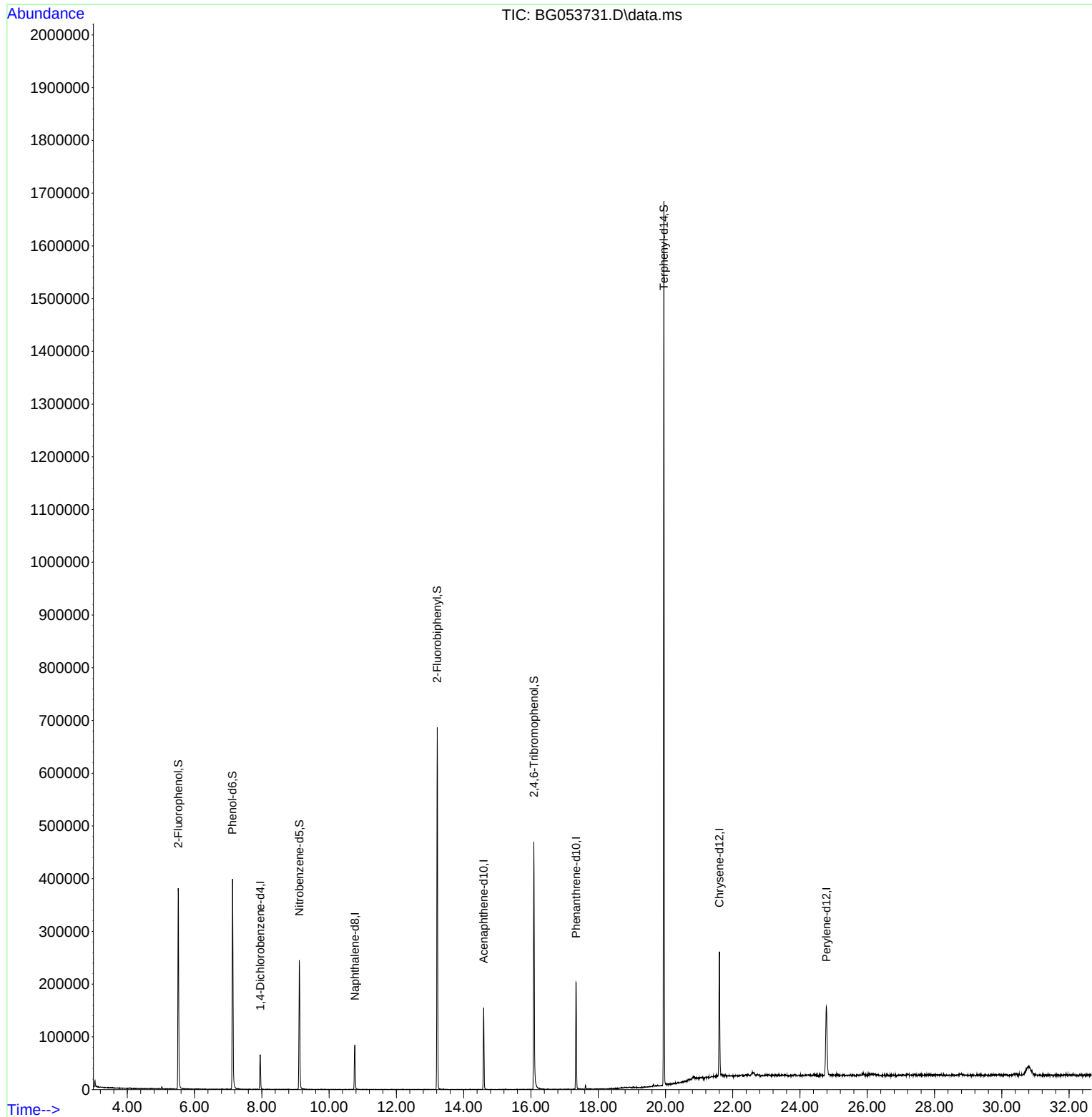
Target Compounds	Qvalue

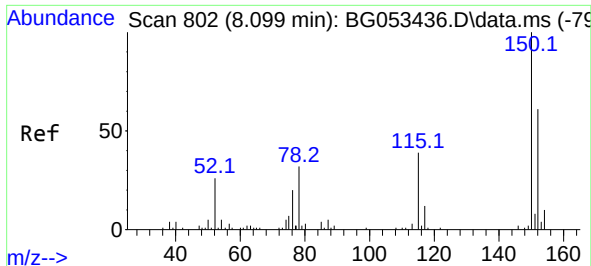
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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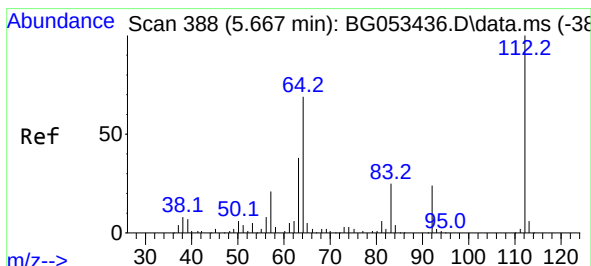
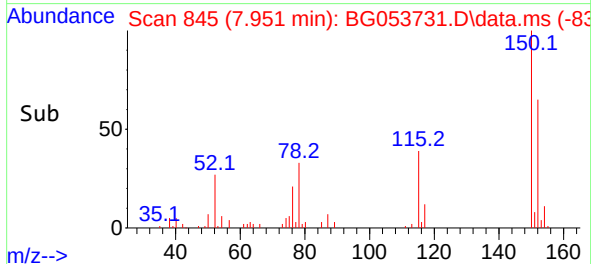
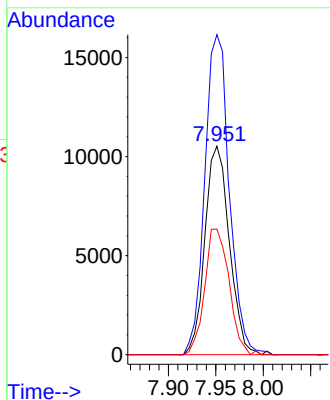
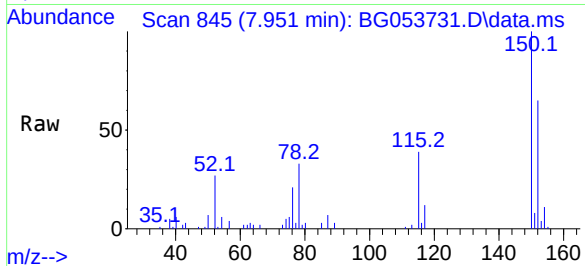




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 84
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

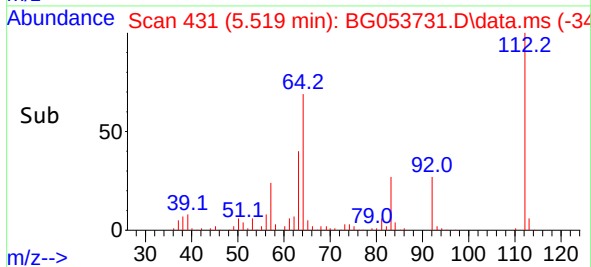
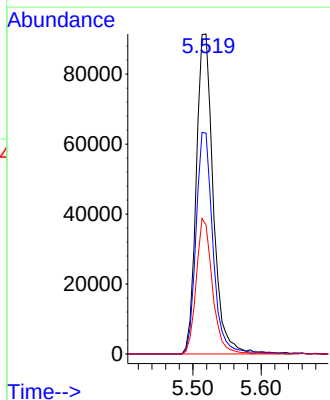
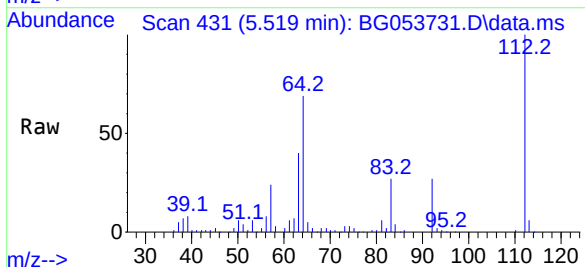
Instrument :
BNA_G
ClientSampleId :
PB144997BL

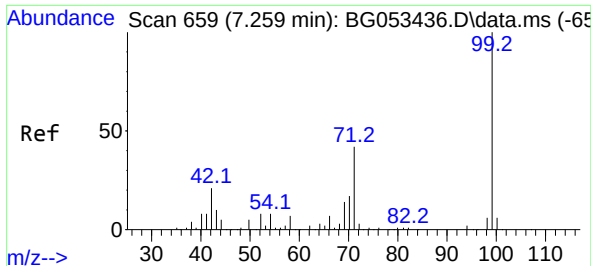
Tgt Ion:152 Resp: 18886
Ion Ratio Lower Upper
152 100
150 153.4 131.6 197.4
115 60.2 50.9 76.3



#5
2-Fluorophenol
Concen: 142.408 ng
RT: 5.519 min Scan# 431
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:112 Resp: 158474
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 40.3 30.4 45.6

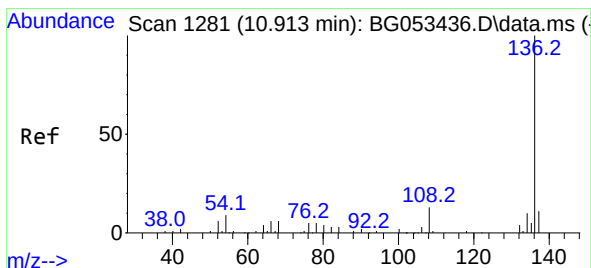
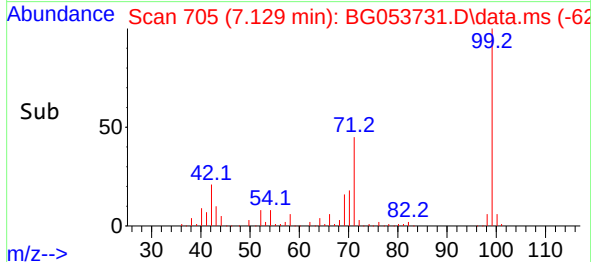
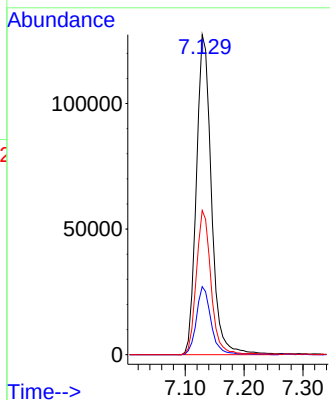
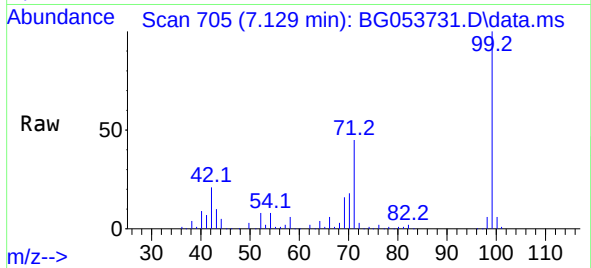




#7
Phenol-d6
Concen: 134.138 ng
RT: 7.129 min Scan# 705
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

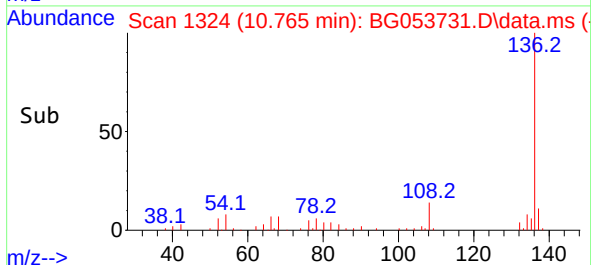
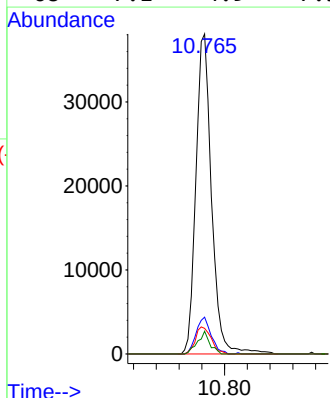
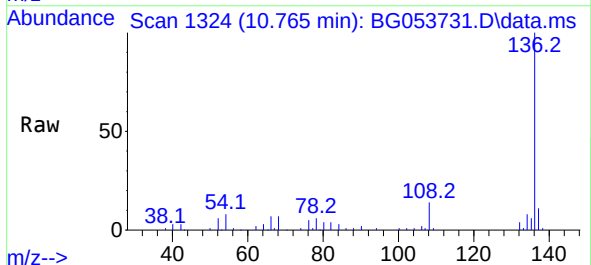
Instrument :
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ClientSampleId :
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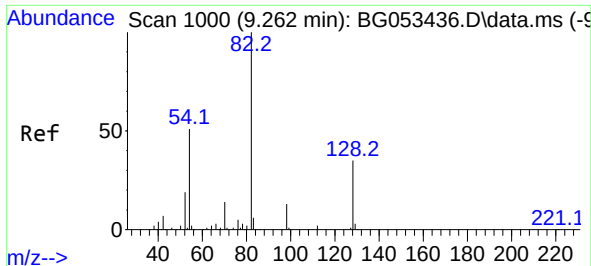
Tgt Ion: 99 Resp: 226542
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 45.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.765 min Scan# 1324
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion: 136 Resp: 72693
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 8.0 7.4 11.2
68 7.1 4.9 7.3

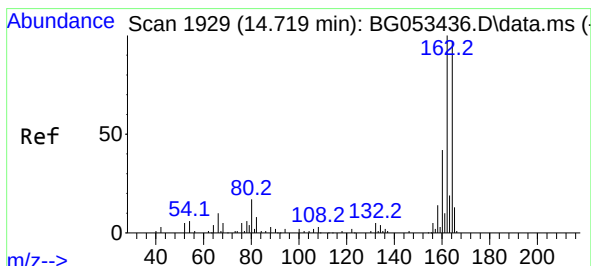
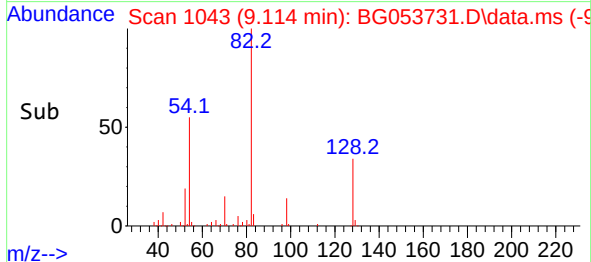
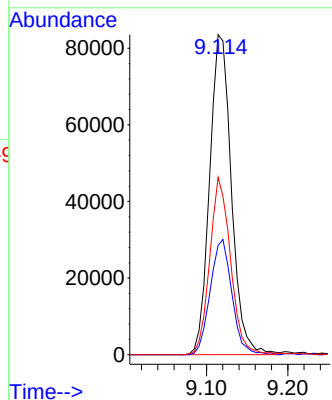
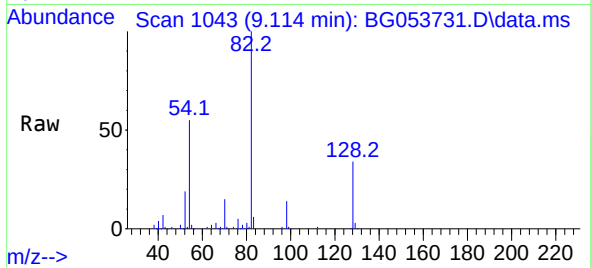




#23
Nitrobenzene-d5
Concen: 91.452 ng
RT: 9.114 min Scan# 1043
Delta R.T. -0.041 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

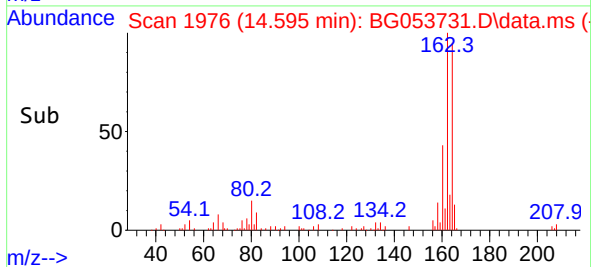
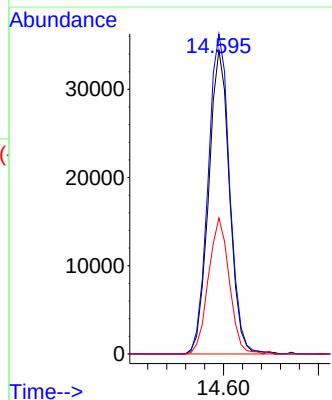
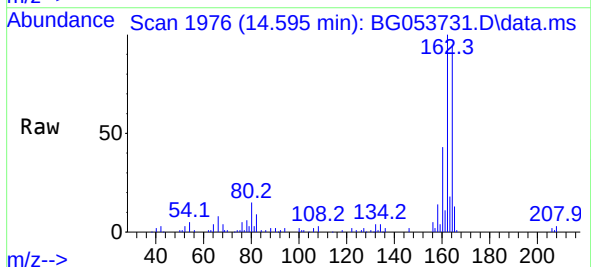
Instrument :
BNA_G
ClientSampleId :
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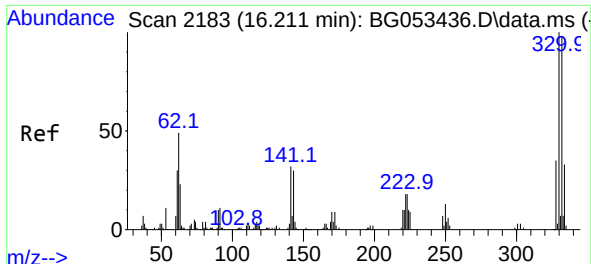
Tgt Ion: 82 Resp: 156170
Ion Ratio Lower Upper
82 100
128 34.1 27.9 41.9
54 55.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1976
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:164 Resp: 52625
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 44.7 34.2 51.2

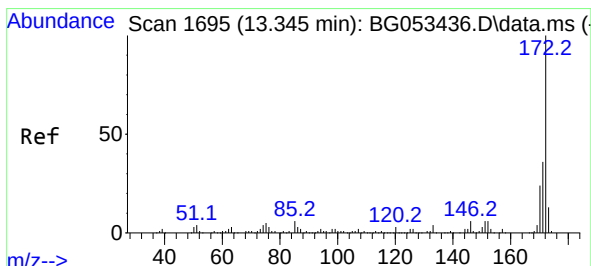
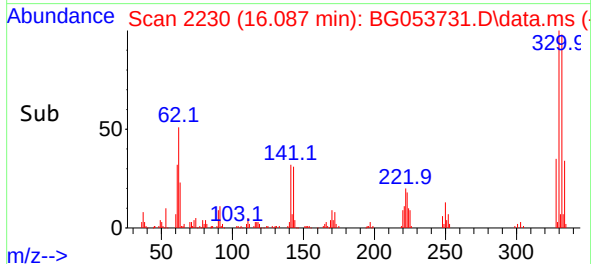
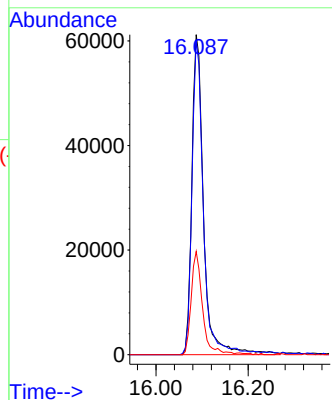
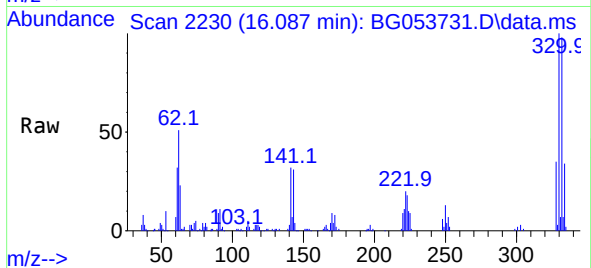




#42
2,4,6-Tribromophenol
Concen: 138.687 ng
RT: 16.087 min Scan# 2183
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

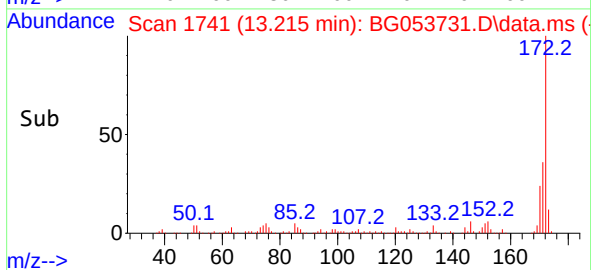
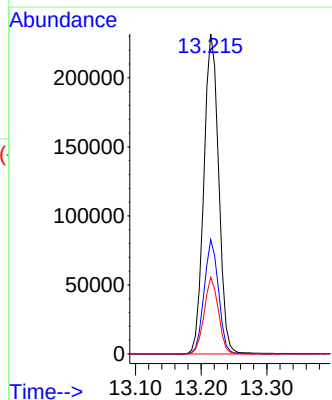
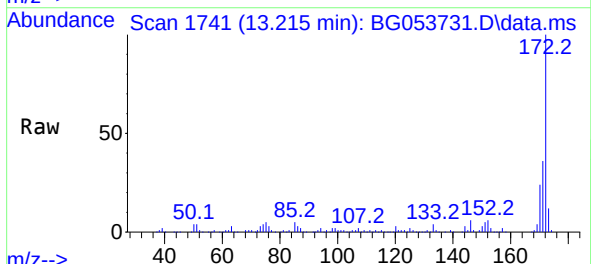
Instrument :
BNA_G
ClientSampleId :
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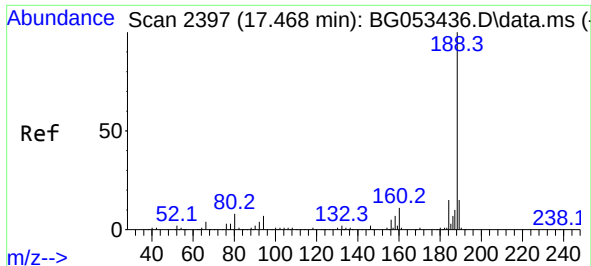
Tgt Ion:330 Resp: 107643
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 30.8 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 101.661 ng
RT: 13.215 min Scan# 1741
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:172 Resp: 366110
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.0 18.9 28.3

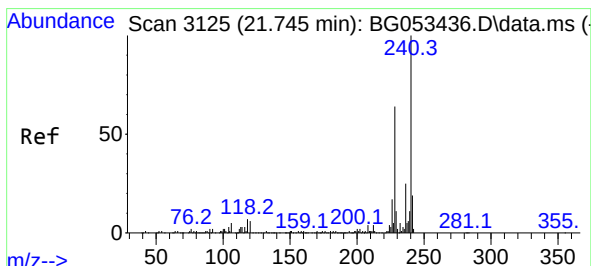
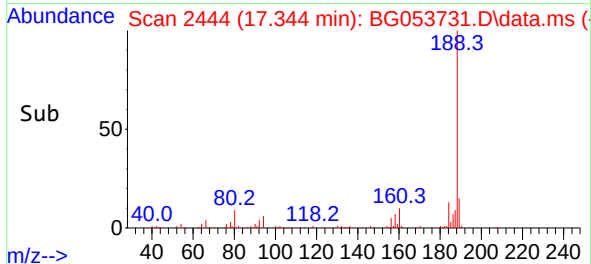
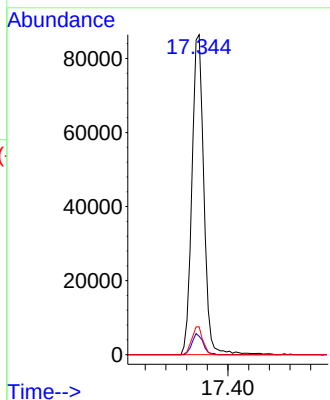
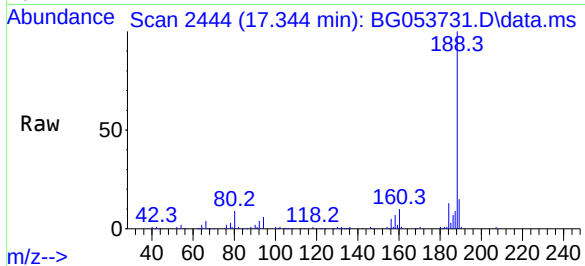




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.344 min Scan# 24
Delta R.T. -0.029 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

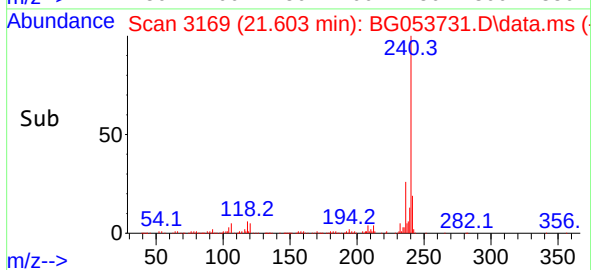
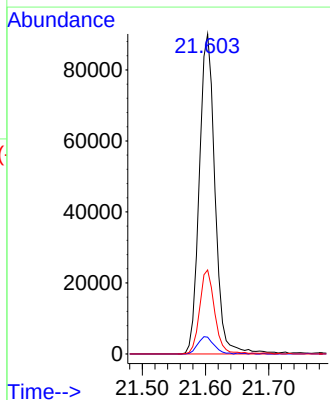
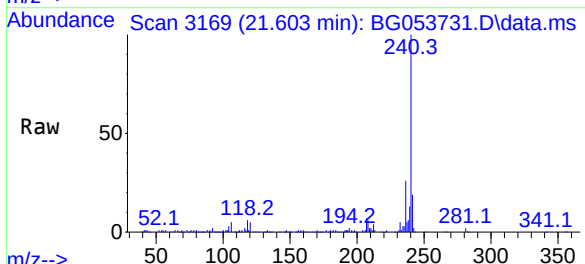
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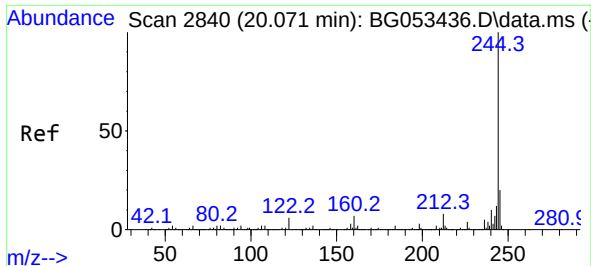
Tgt Ion:188 Resp: 138409
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 8.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.603 min Scan# 3169
Delta R.T. -0.035 min
Lab File: BG053731.D
Acq: 27 May 2022 13:30

Tgt Ion:240 Resp: 155565
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 26.3 20.2 30.4

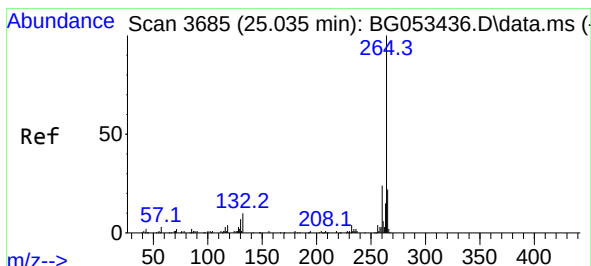
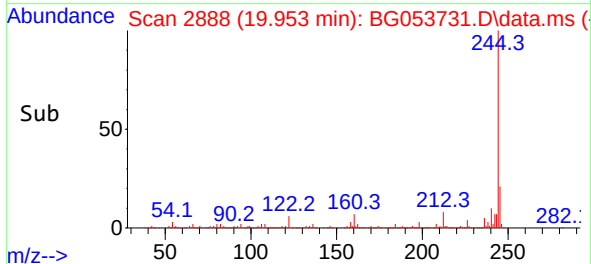
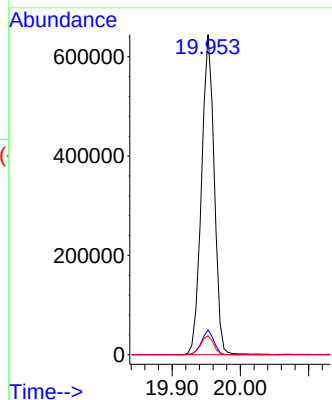
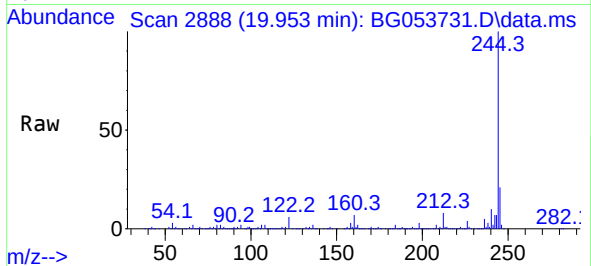




#79
 Terphenyl-d14
 Concen: 99.909 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BG053731.D
 Acq: 27 May 2022 13:30

Instrument :
 BNA_G
 ClientSampleId :
 PB144997BL

Tgt Ion:244 Resp: 834501
 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: 24.781 min Scan# 3710
 Delta R.T. -0.059 min
 Lab File: BG053731.D
 Acq: 27 May 2022 13:30

Tgt Ion:264 Resp: 147419
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.8 17.4 26.2

