

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052446.D
 Acq On : 21 Feb 2022 20:40
 Operator : CG/JU
 Sample : N1587-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Feb 22 09:26:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	37523	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	154146	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	104471	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	228487	20.000	ng	0.00
76) Chrysene-d12	21.933	240	216765	20.000	ng	# 0.00
86) Perylene-d12	25.393	264	221864	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	154112	71.582	ng	0.00
7) Phenol-d6	7.370	99	135510	40.793	ng	0.00
23) Nitrobenzene-d5	9.397	82	323953	91.338	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	216597	144.312	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	745478	99.153	ng	0.00
79) Terphenyl-d14	20.212	244	1205353	98.193	ng	0.00

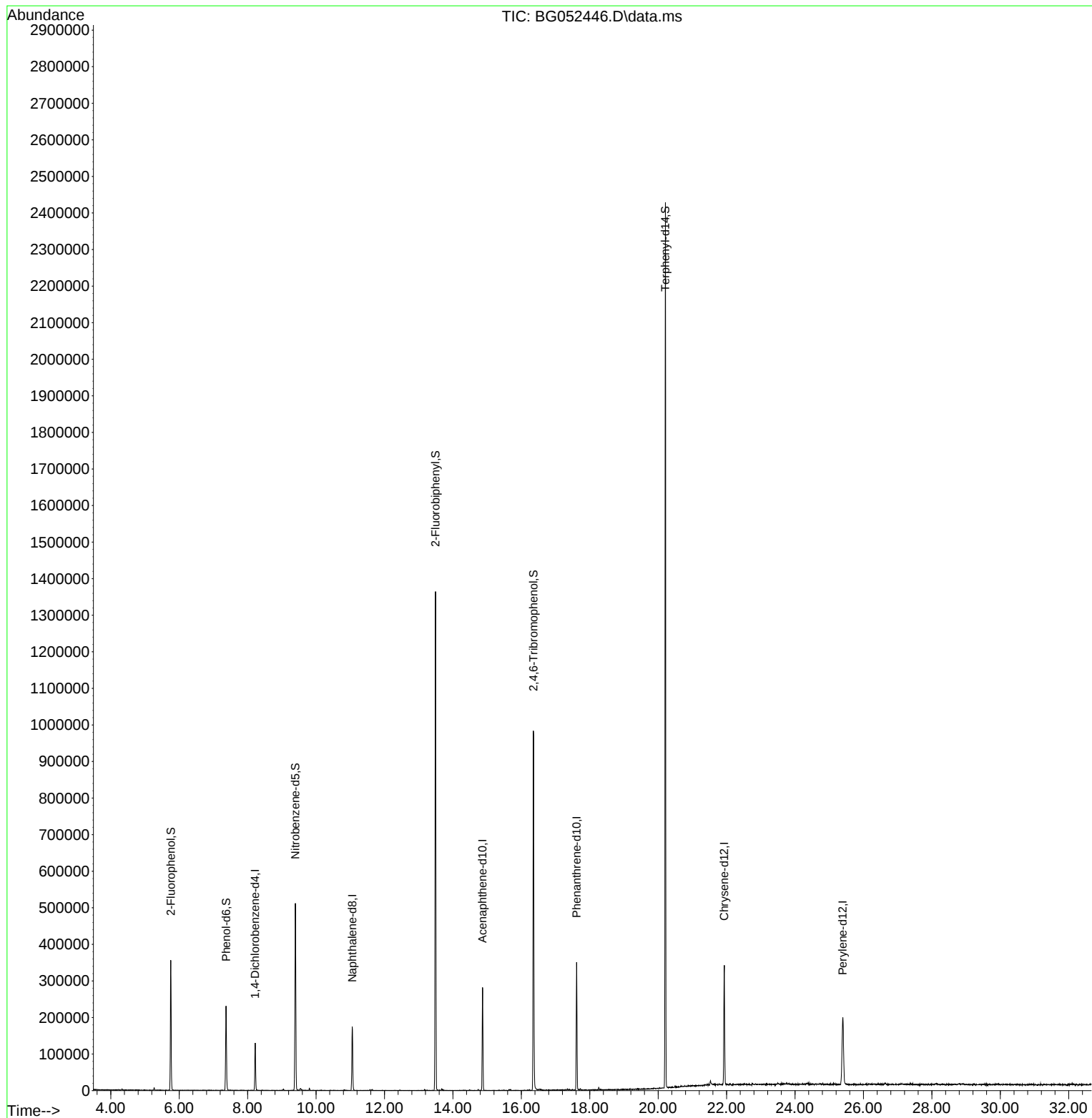
Target Compounds	Qvalue

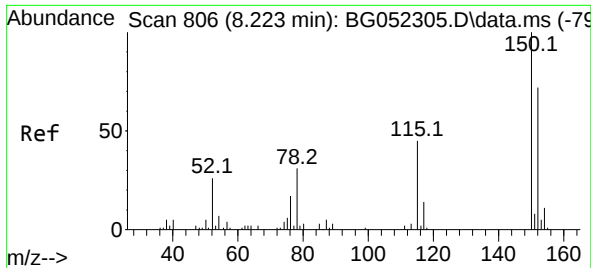
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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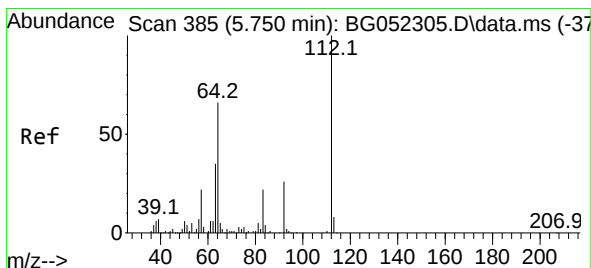
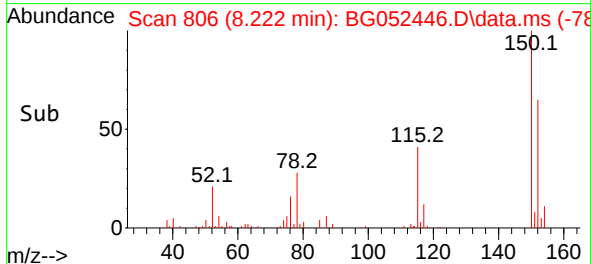
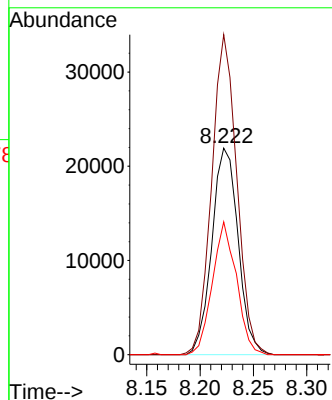
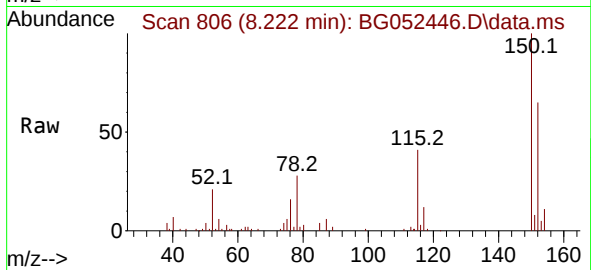




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

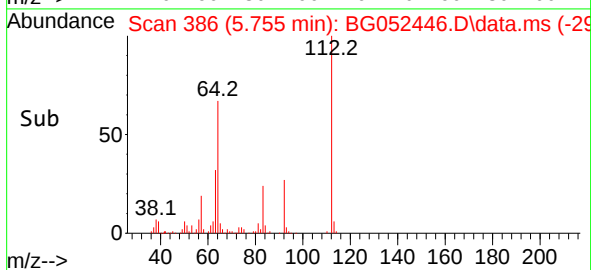
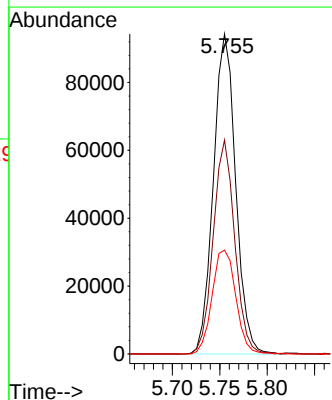
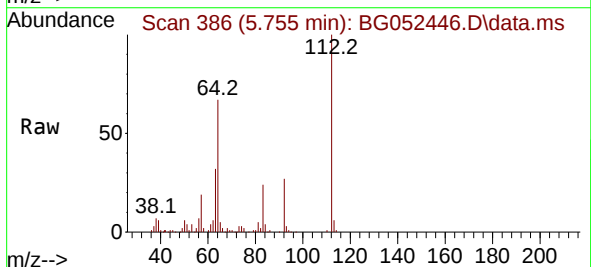
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ClientSampleId :
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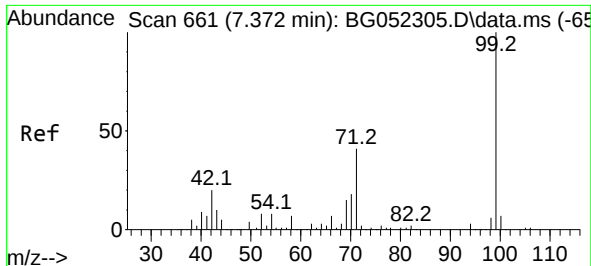
Tgt Ion:152 Resp: 37523
Ion Ratio Lower Upper
152 100
150 155.0 117.8 176.8
115 64.3 50.2 75.2



#5
2-Fluorophenol
Concen: 71.582 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

Tgt Ion:112 Resp: 154112
Ion Ratio Lower Upper
112 100
64 66.9 60.4 90.6
63 32.4 33.3 49.9#

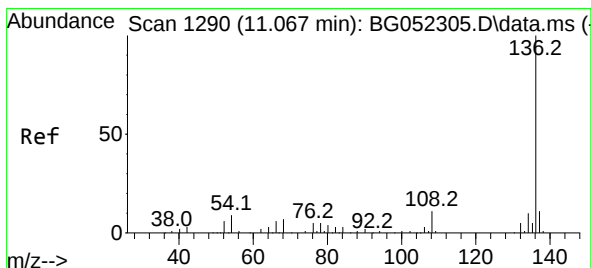
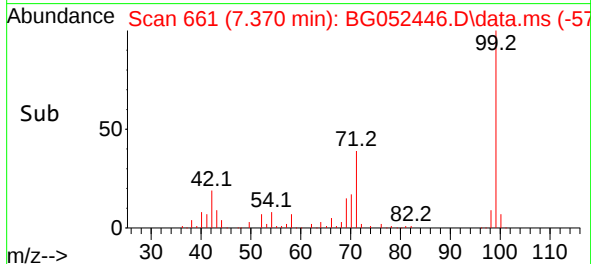
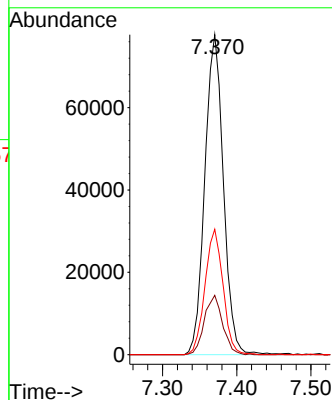
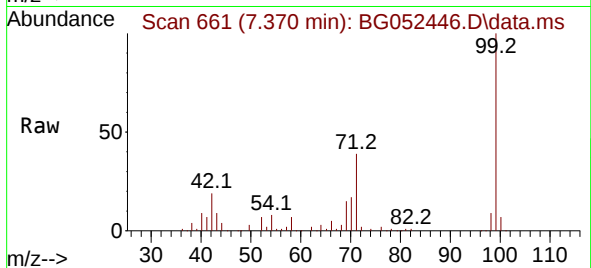




#7
Phenol-d6
Concen: 40.793 ng
RT: 7.370 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

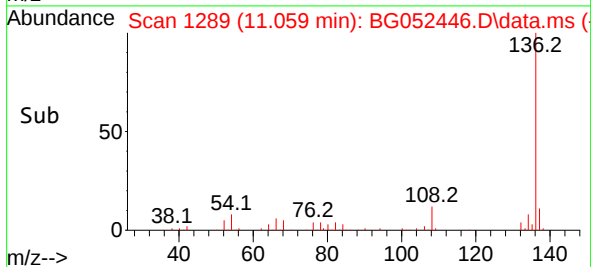
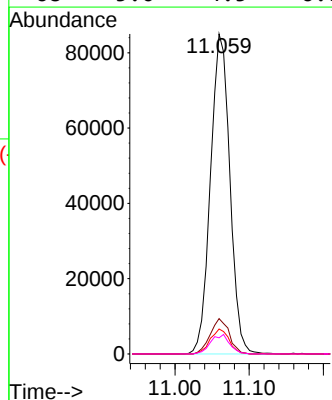
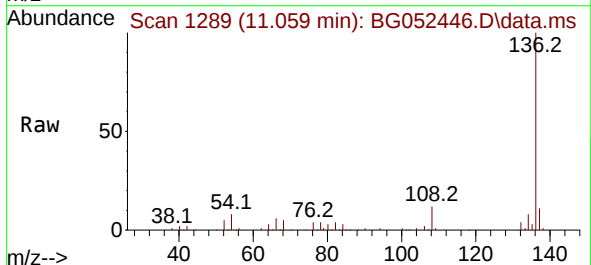
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ClientSampleId :
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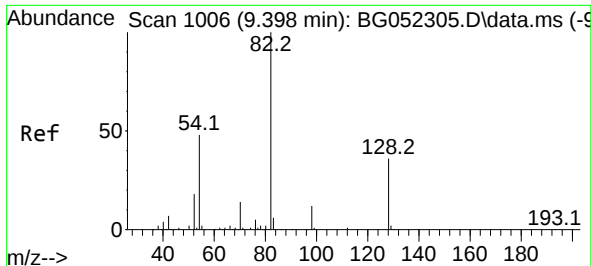
Tgt Ion: 99 Resp: 135510
Ion Ratio Lower Upper
99 100
42 18.6 19.1 28.7#
71 39.2 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

Tgt Ion:136 Resp: 154146
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.8 8.3 12.5#
68 5.0 4.5 6.7

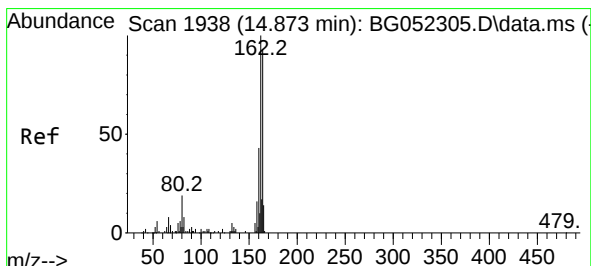
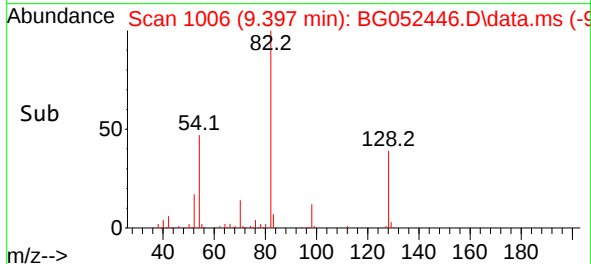
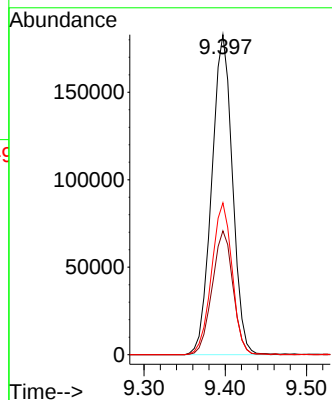
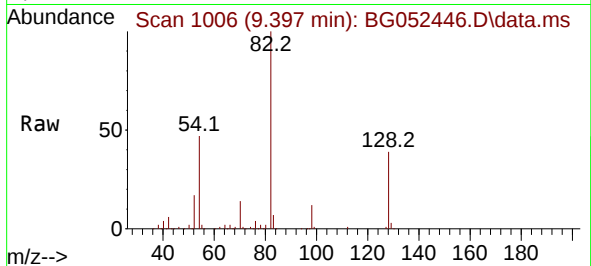




#23
Nitrobenzene-d5
Concen: 91.338 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

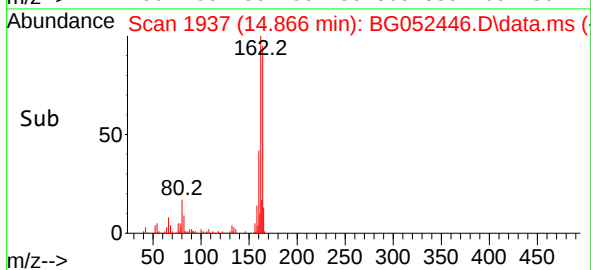
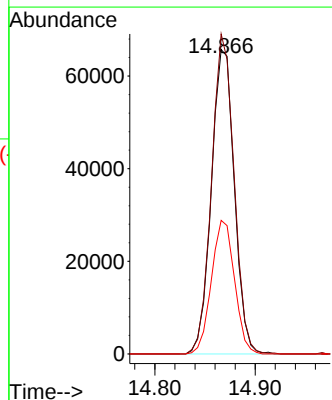
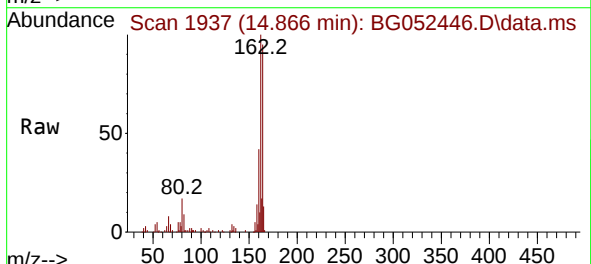
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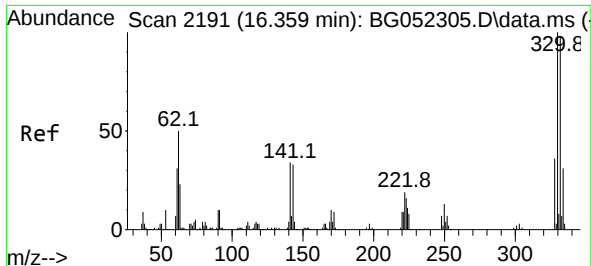
Tgt Ion: 82 Resp: 323953
Ion Ratio Lower Upper
82 100
128 38.7 27.0 40.4
54 47.5 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

Tgt Ion:164 Resp: 104471
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.2
160 43.9 36.2 54.2

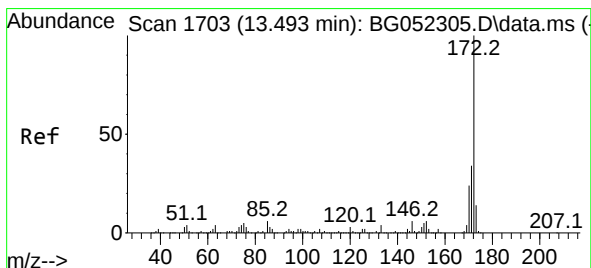
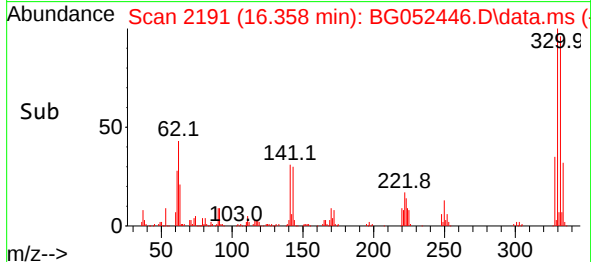
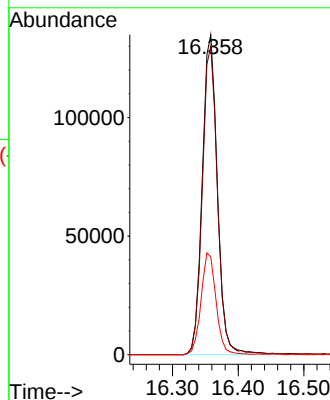
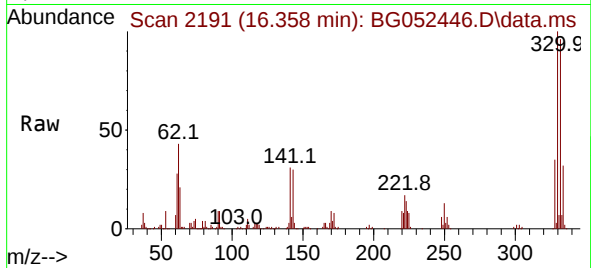




#42
2,4,6-Tribromophenol
Concen: 144.312 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

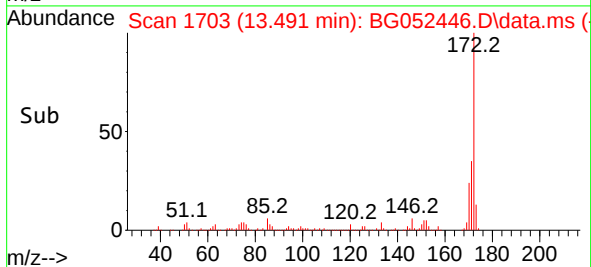
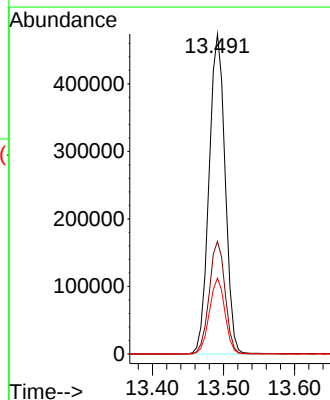
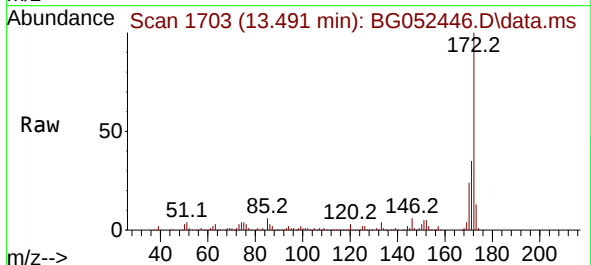
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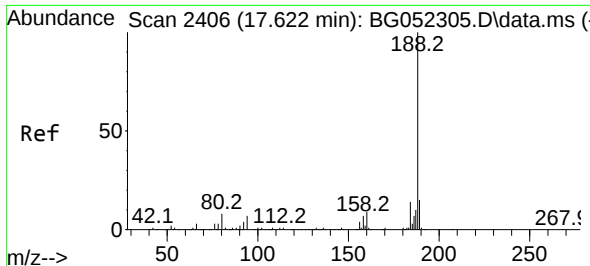
Tgt Ion:330 Resp: 216597
Ion Ratio Lower Upper
330 100
332 96.9 78.6 117.8
141 31.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 99.153 ng
RT: 13.491 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

Tgt Ion:172 Resp: 745478
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.8 18.3 27.5

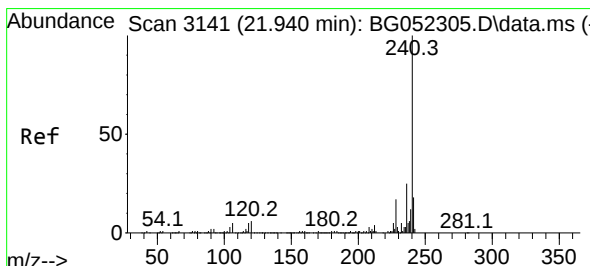
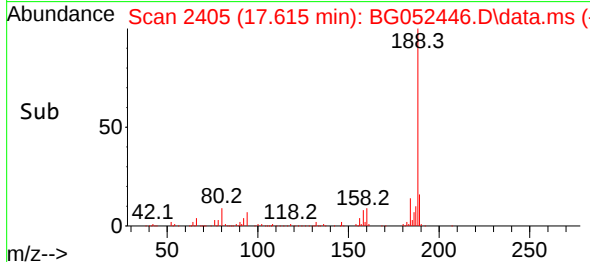
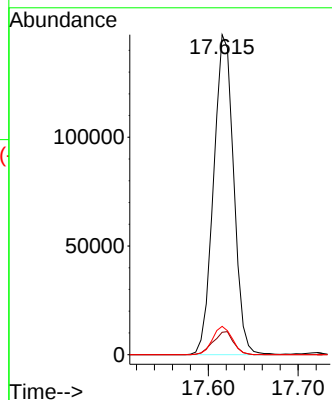
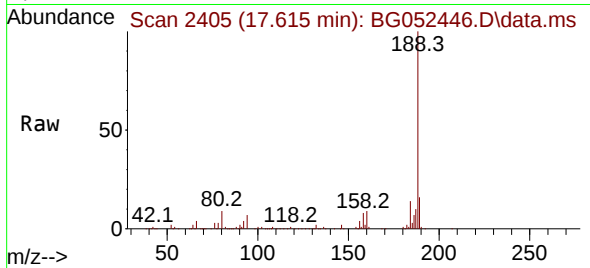




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

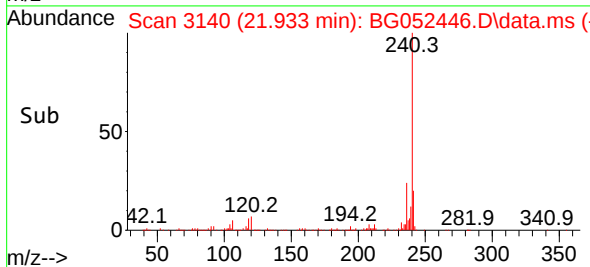
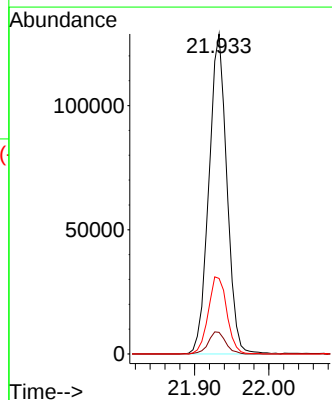
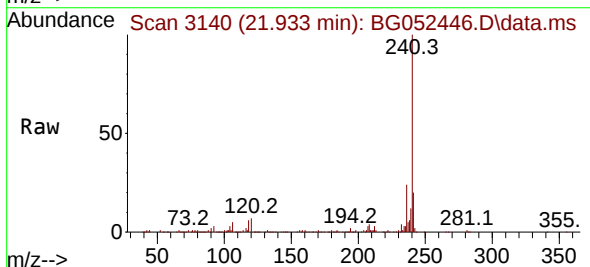
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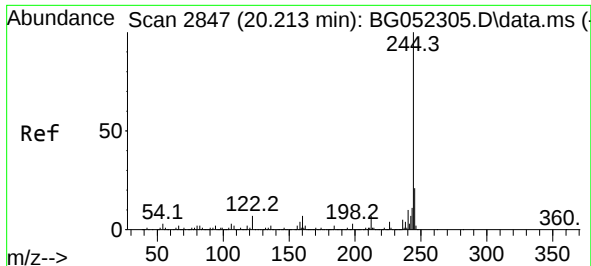
Tgt Ion:188 Resp: 228487
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.8 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3140
Delta R.T. -0.007 min
Lab File: BG052446.D
Acq: 21 Feb 2022 20:40

Tgt Ion:240 Resp: 216765
Ion Ratio Lower Upper
240 100
120 6.8 4.4 6.6#
236 23.6 20.8 31.2

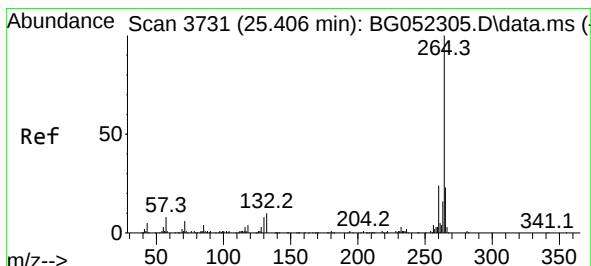
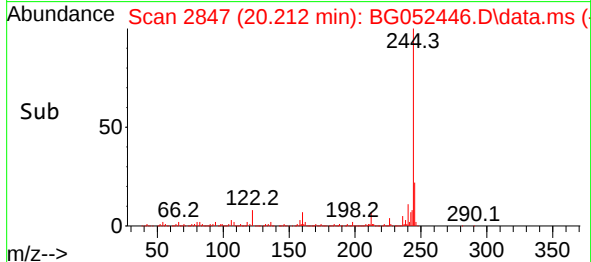
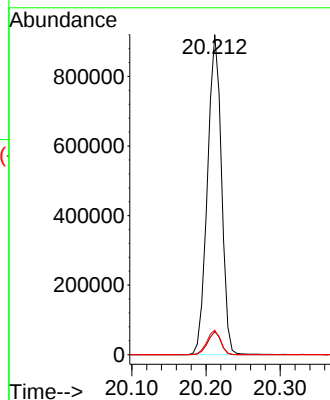
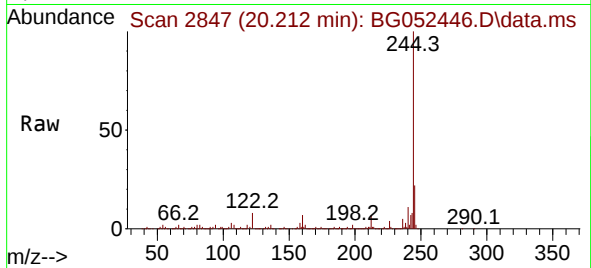




#79
 Terphenyl-d14
 Concen: 98.193 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052446.D
 Acq: 21 Feb 2022 20:40

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 1205353
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.393 min Scan# 3729
 Delta R.T. -0.013 min
 Lab File: BG052446.D
 Acq: 21 Feb 2022 20:40

Tgt Ion:264 Resp: 221864
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 22.4 17.8 26.6

