

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052441.D
 Acq On : 21 Feb 2022 17:28
 Operator : CG/JU
 Sample : N1534-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NAPL-SOCK

Quant Time: Feb 22 00:51:56 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)

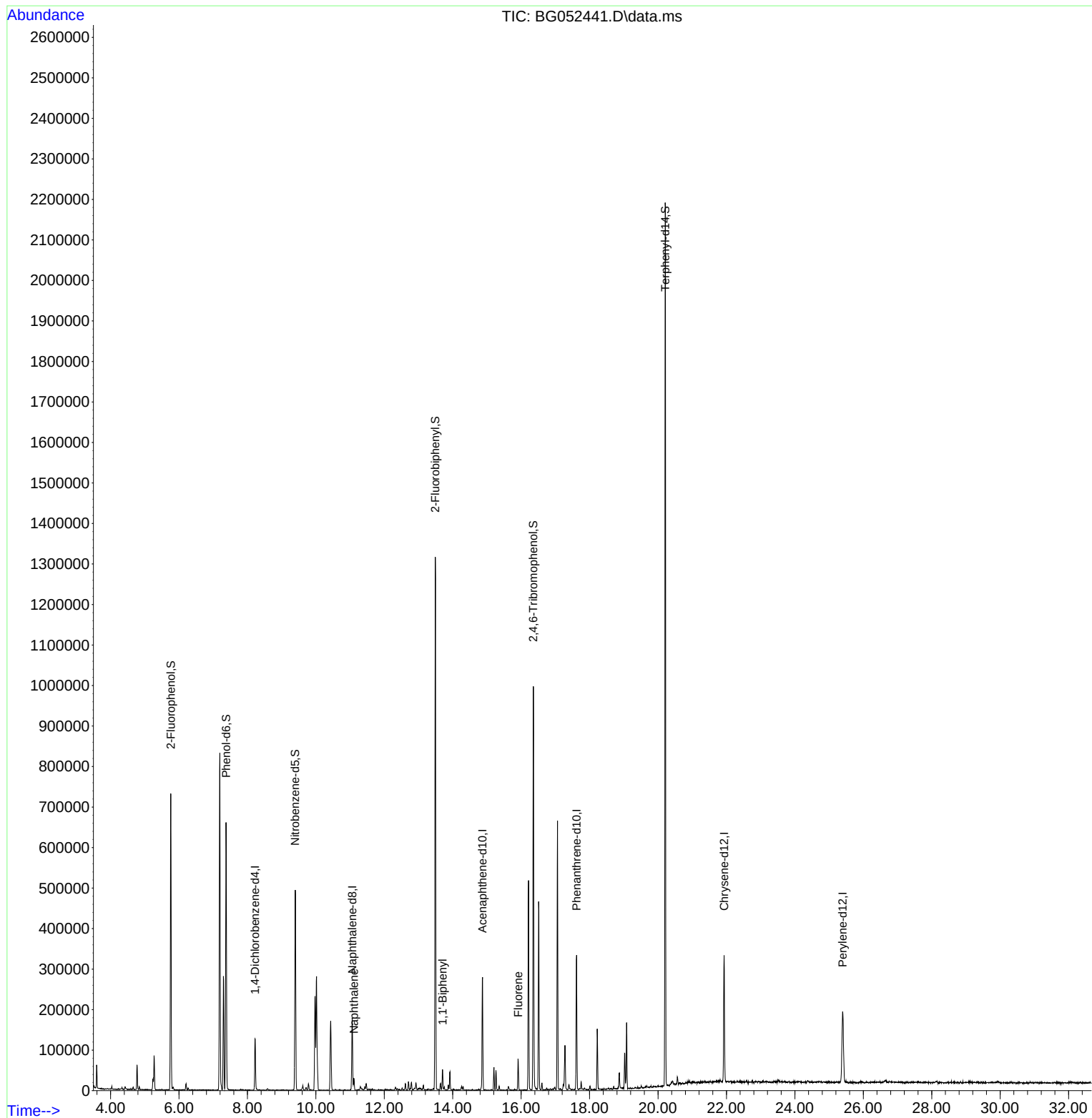
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	38481	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	152923	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	100961	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	223280	20.000	ng	# 0.00
76) Chrysene-d12	21.931	240	212434	20.000	ng	0.00
86) Perylene-d12	25.396	264	214267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	307401	139.226	ng	0.00
7) Phenol-d6	7.374	99	377782	110.894	ng	0.00
23) Nitrobenzene-d5	9.395	82	318511	90.522	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	210403	145.059	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	706030	97.171	ng	0.00
79) Terphenyl-d14	20.215	244	1139797	94.746	ng	0.00
Target Compounds						
31) Naphthalene	11.110	128	25843	3.224	ng	# 91
46) 1,1'-Biphenyl	13.701	154	27532	3.719	ng	97
58) Fluorene	15.915	166	34923	4.575	ng	96

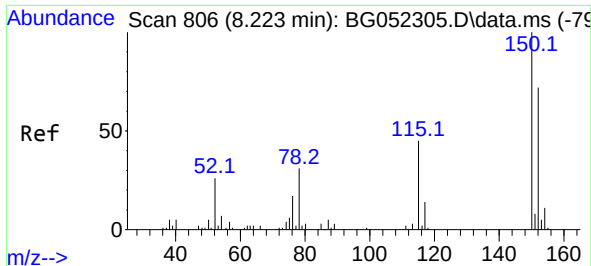
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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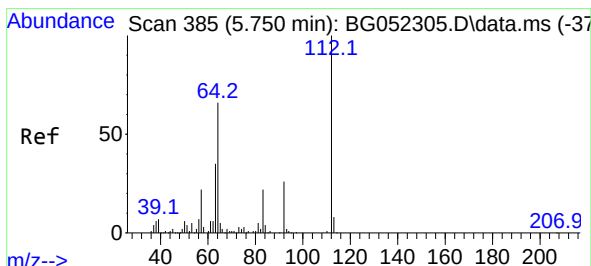
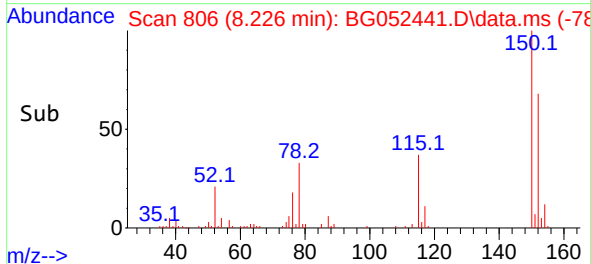
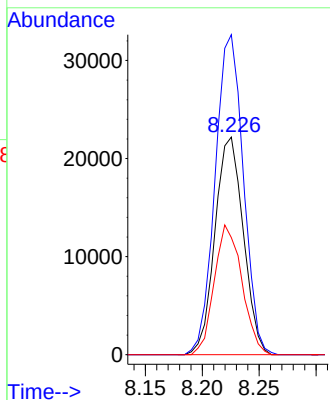
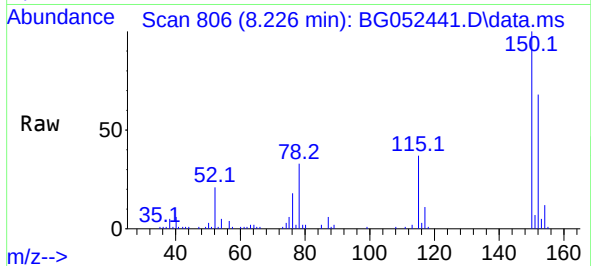




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

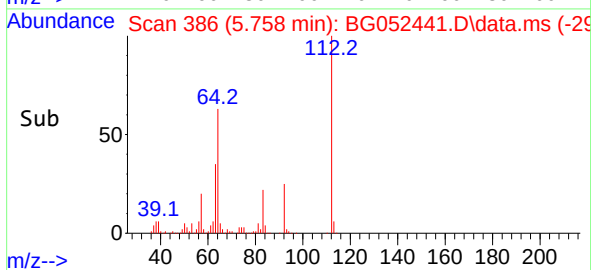
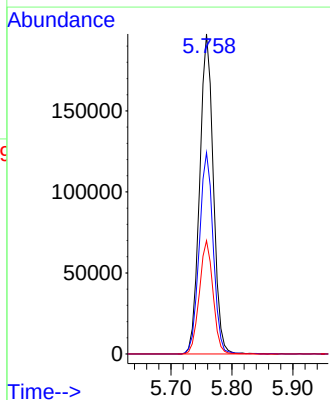
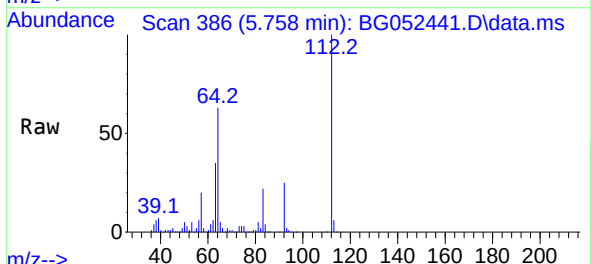
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCK

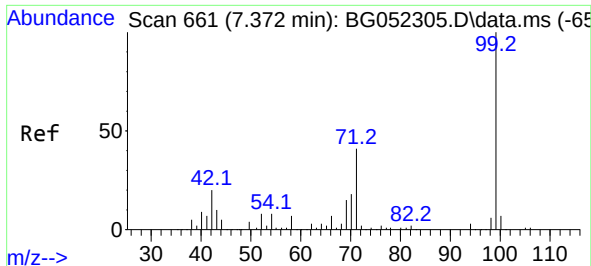
Tgt Ion:152 Resp: 38481
Ion Ratio Lower Upper
152 100
150 147.1 117.8 176.8
115 53.9 50.2 75.2



#5
2-Fluorophenol
Concen: 139.226 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

Tgt Ion:112 Resp: 307401
Ion Ratio Lower Upper
112 100
64 62.9 60.4 90.6
63 35.4 33.3 49.9

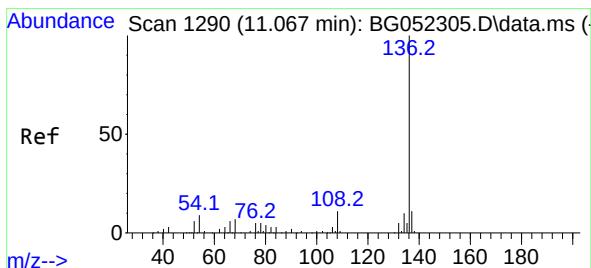
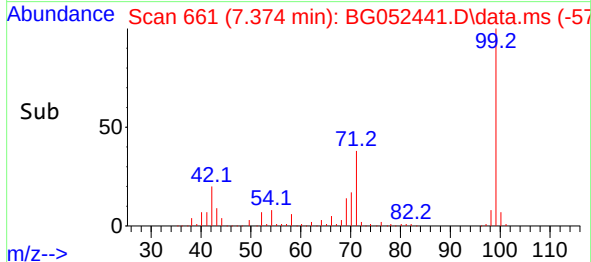
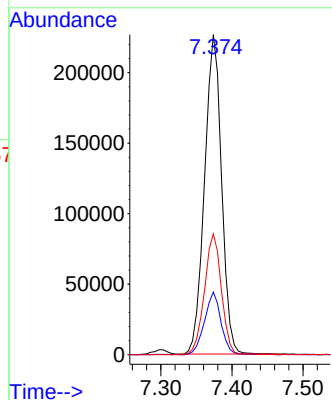
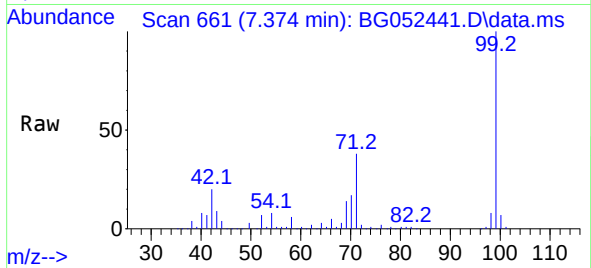




#7
Phenol-d6
Concen: 110.894 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

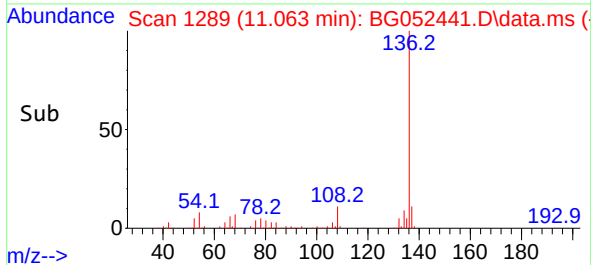
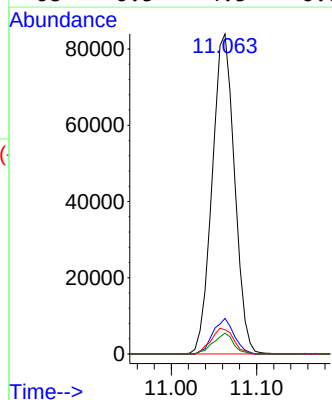
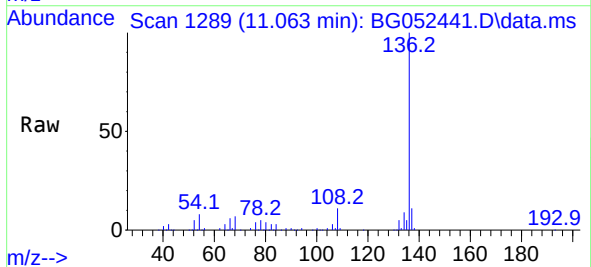
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCK

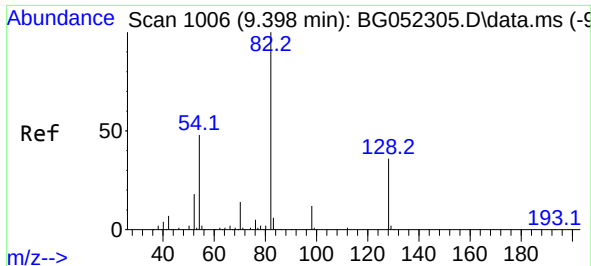
Tgt Ion: 99 Resp: 377782
Ion Ratio Lower Upper
99 100
42 19.5 19.1 28.7
71 37.8 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

Tgt Ion:136 Resp: 152923
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.6 8.3 12.5#
68 6.5 4.5 6.7

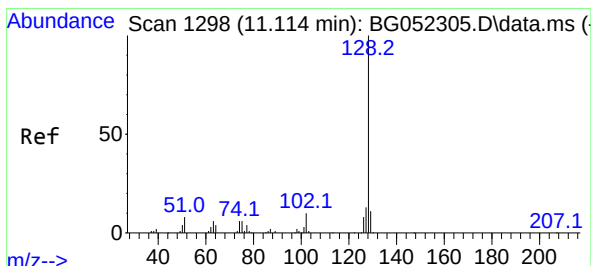
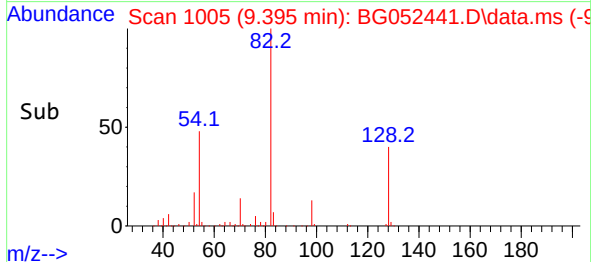
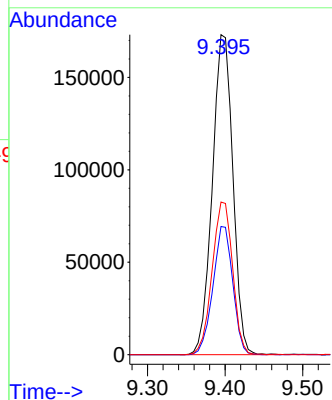
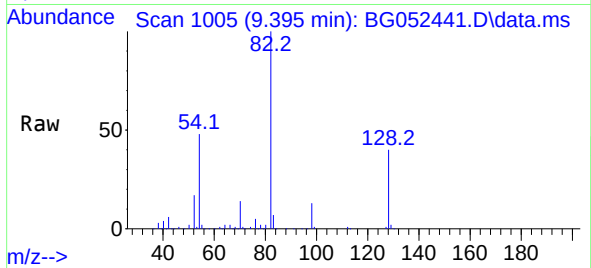




#23
Nitrobenzene-d5
Concen: 90.522 ng
RT: 9.395 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

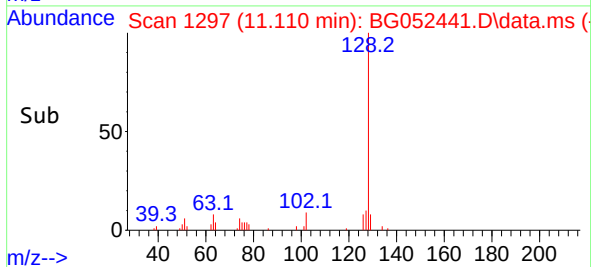
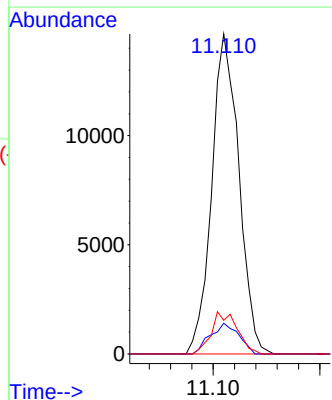
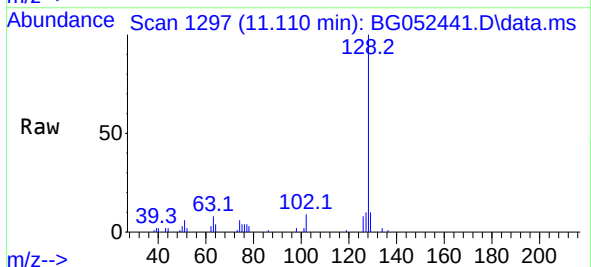
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCK

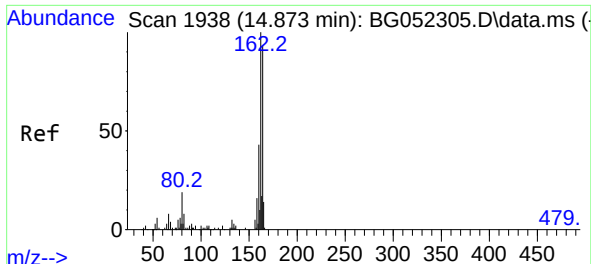
Tgt Ion: 82 Resp: 318511
Ion Ratio Lower Upper
82 100
128 40.0 27.0 40.4
54 47.7 41.0 61.6



#31
Naphthalene
Concen: 3.224 ng
RT: 11.110 min Scan# 1297
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

Tgt Ion:128 Resp: 25843
Ion Ratio Lower Upper
128 100
129 9.6 9.8 14.6#
127 10.5 12.0 18.0#

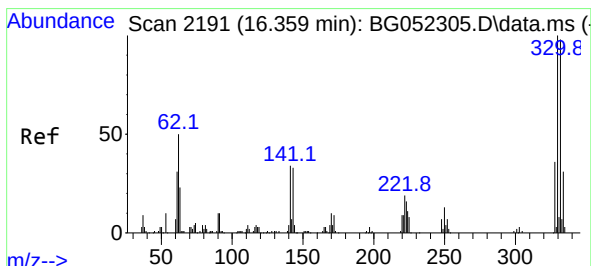
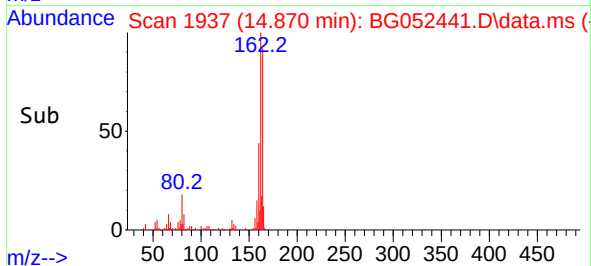
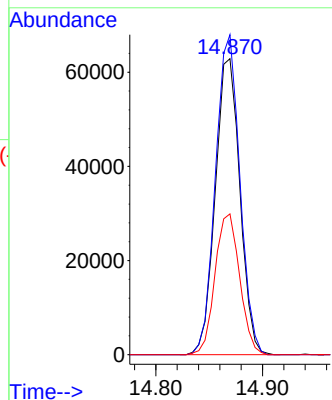
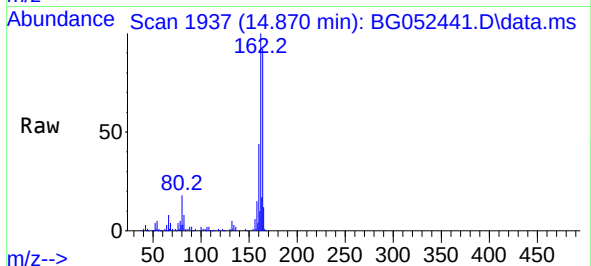




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

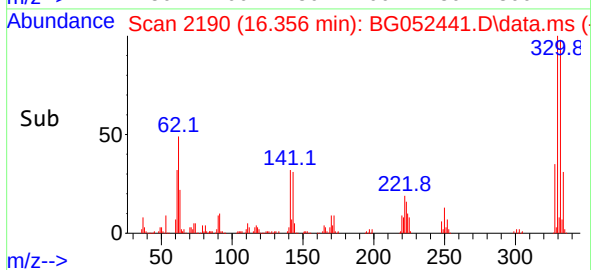
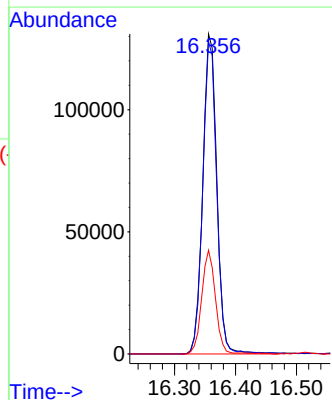
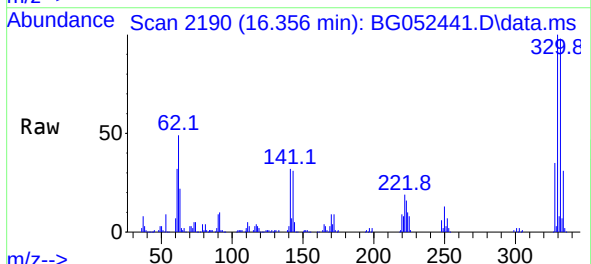
Instrument :
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ClientSampleId :
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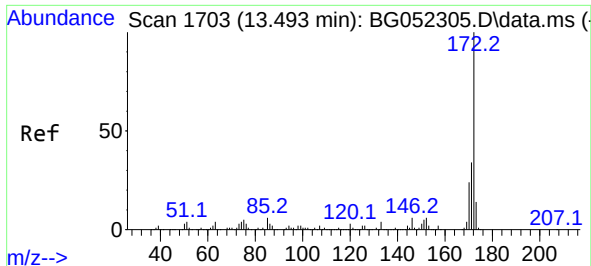
Tgt Ion:164 Resp: 100961
Ion Ratio Lower Upper
164 100
162 108.1 82.2 123.2
160 47.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 145.059 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

Tgt Ion:330 Resp: 210403
Ion Ratio Lower Upper
330 100
332 96.6 78.6 117.8
141 31.4 28.8 43.2

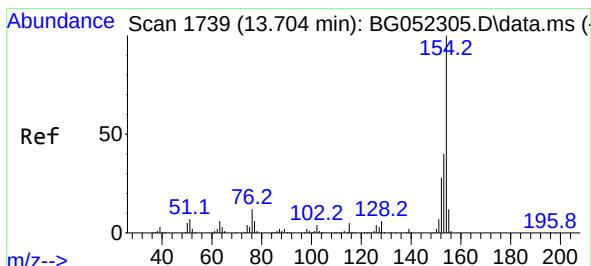
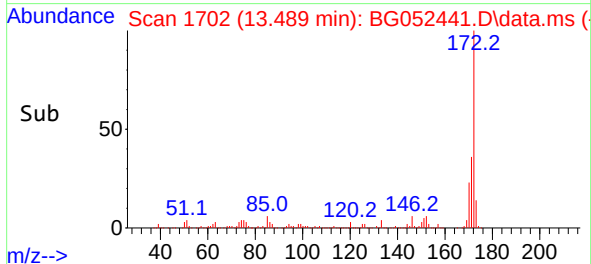
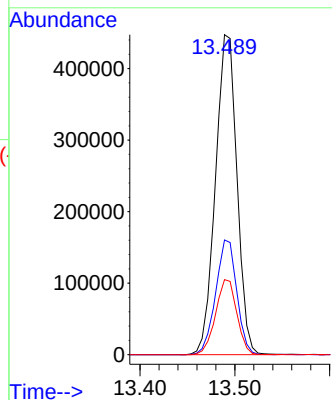
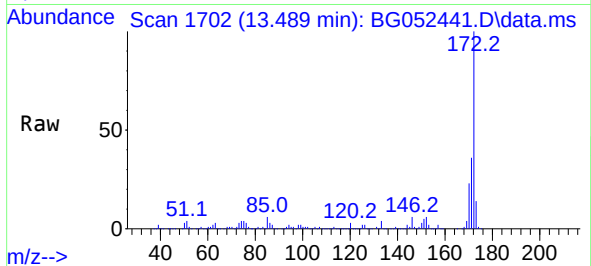




#45
2-Fluorobiphenyl
Concen: 97.171 ng
RT: 13.489 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

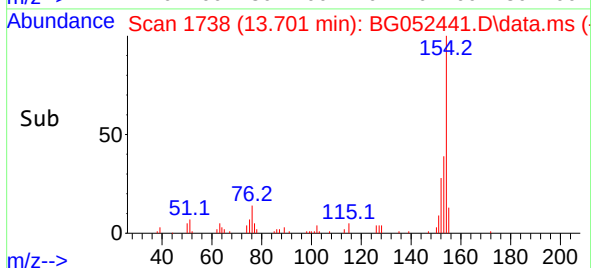
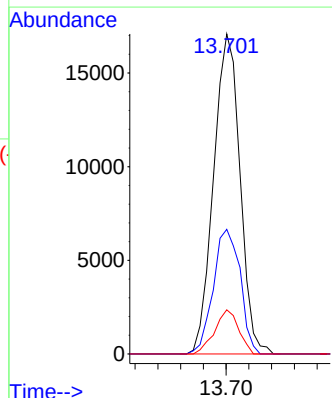
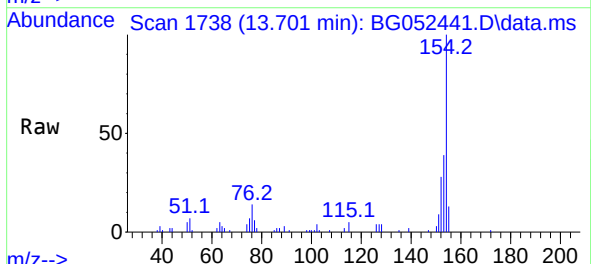
Instrument :
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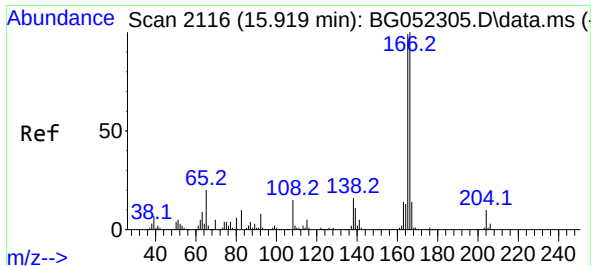
Tgt Ion:172 Resp: 706030
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 18.3 27.5



#46
1,1'-Biphenyl
Concen: 3.719 ng
RT: 13.701 min Scan# 1738
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

Tgt Ion:154 Resp: 27532
Ion Ratio Lower Upper
154 100
153 39.0 21.1 61.1
76 13.8 0.0 32.6

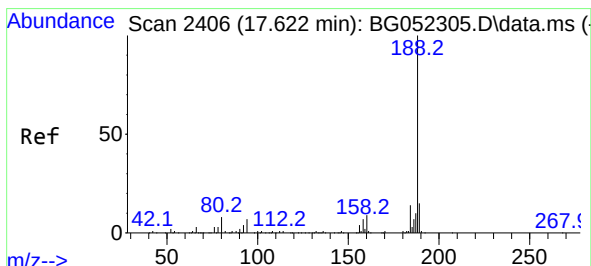
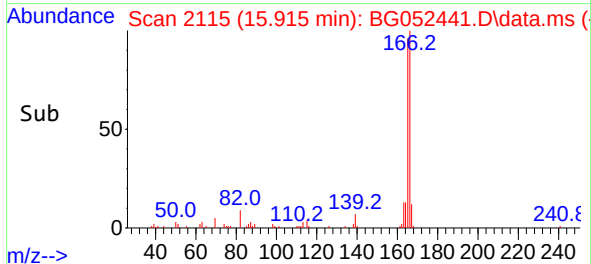
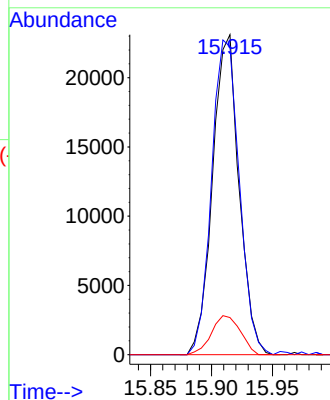
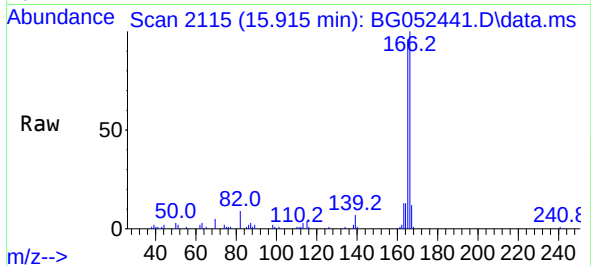




#58
Fluorene
Concen: 4.575 ng
RT: 15.915 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

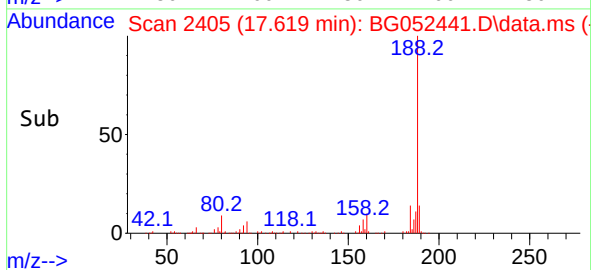
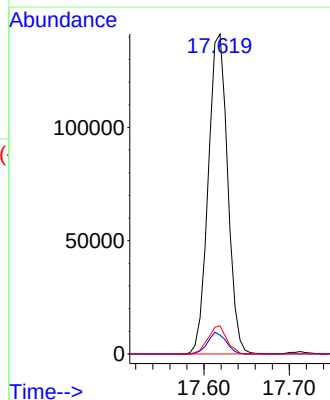
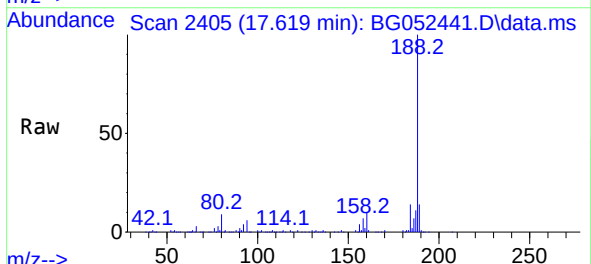
Instrument :
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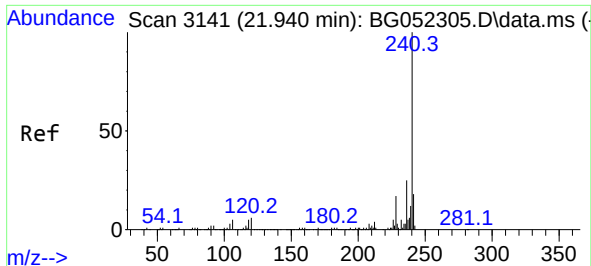
Tgt Ion:166 Resp: 34923
Ion Ratio Lower Upper
166 100
165 96.3 80.0 120.0
167 11.6 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

Tgt Ion:188 Resp: 223280
Ion Ratio Lower Upper
188 100
94 5.9 5.9 8.9#
80 8.7 6.6 10.0

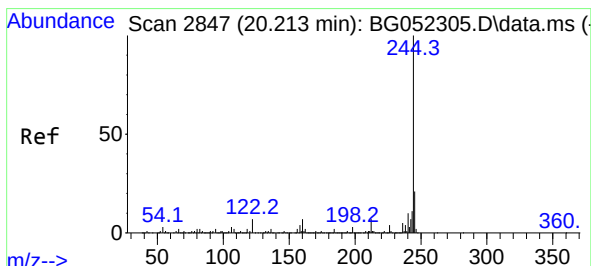
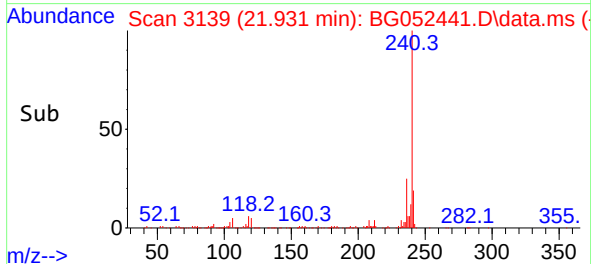
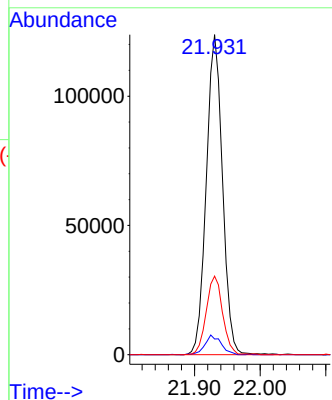
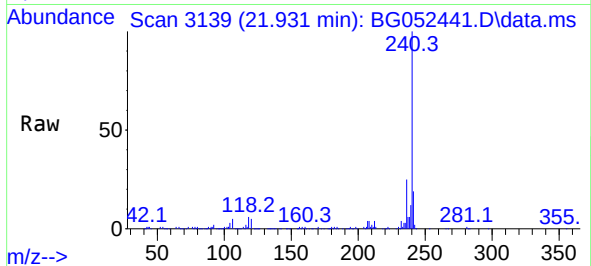




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

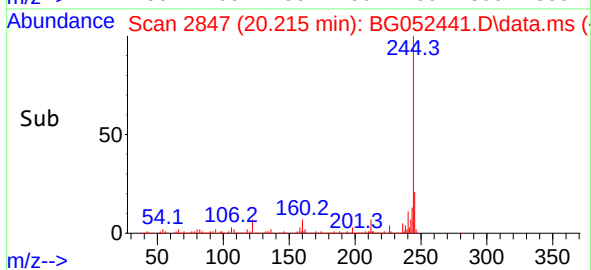
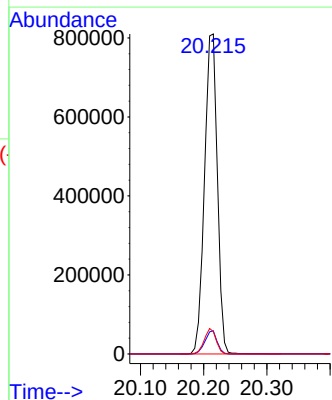
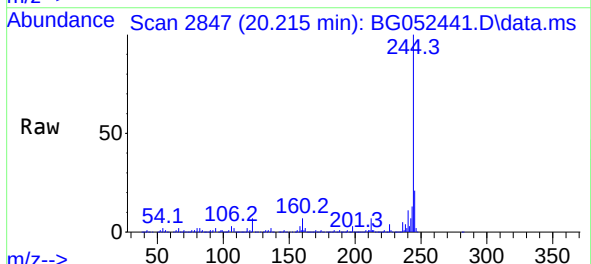
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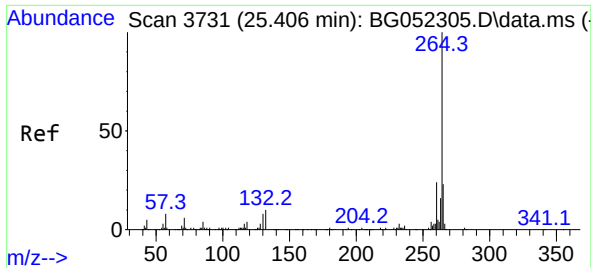
Tgt Ion:240 Resp: 212434
Ion Ratio Lower Upper
240 100
120 4.9 4.4 6.6
236 24.5 20.8 31.2



#79
Terphenyl-d14
Concen: 94.746 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.002 min
Lab File: BG052441.D
Acq: 21 Feb 2022 17:28

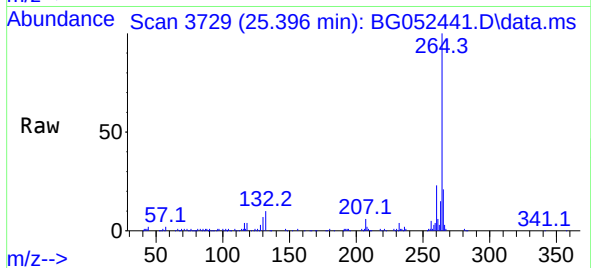
Tgt Ion:244 Resp: 1139797
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.0 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.396 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG052441.D
 Acq: 21 Feb 2022 17:28

Instrument :
 BNA_G
 ClientSampleId :
 NAPL-SOCK



Tgt Ion:264 Resp: 214267
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.2 17.8 26.6

