

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054132.D
 Acq On : 29 Jun 2022 00:44
 Operator : CG/JU
 Sample : N3494-11DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-6DL

Quant Time: Jun 29 02:36:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

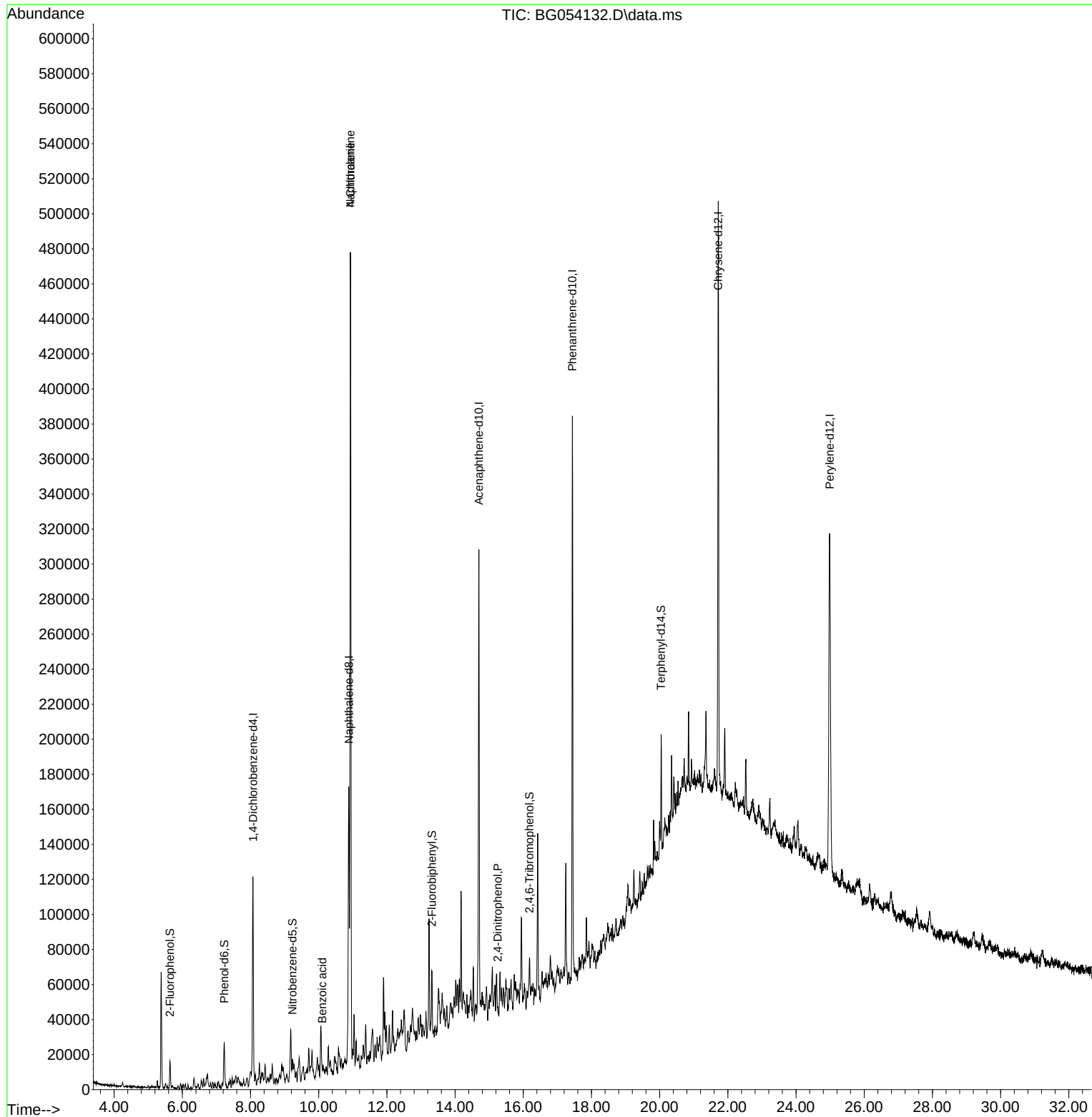
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	36843	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	146581	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	97235	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	211979	20.000	ng	0.00
76) Chrysene-d12	21.719	240	225218	20.000	ng	0.00
86) Perylene-d12	24.986	264	238526	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	7991	4.147	ng	0.00
7) Phenol-d6	7.236	99	10685	4.087	ng	0.00
23) Nitrobenzene-d5	9.234	82	8731	3.347	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	5571	3.566	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	20134	3.011	ng	0.00
79) Terphenyl-d14	20.045	244	35535	3.178	ng	0.00
Target Compounds						
31) Naphthalene	10.932	128	404609	54.679	ng	Qvalue 100
32) Benzoic acid	10.103	122	132	11.411	ng	# 85
33) 4-Chloroaniline	10.932	127	56178	18.300	ng	# 35
54) 2,4-Dinitrophenol	15.250	184	53	7.109	ng	# 11

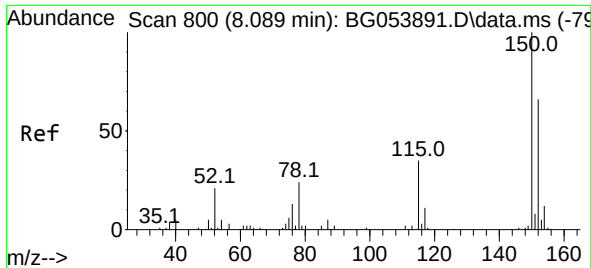
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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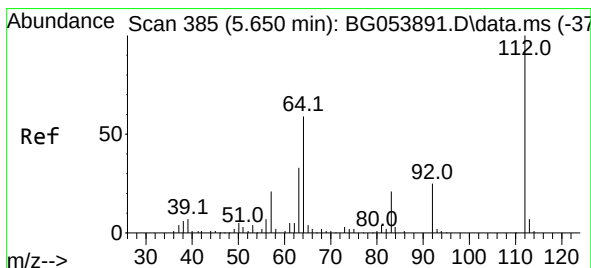
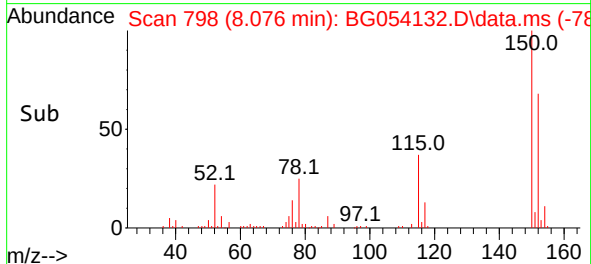
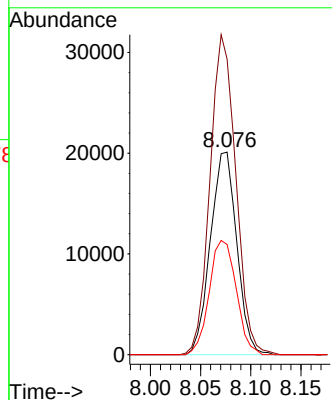
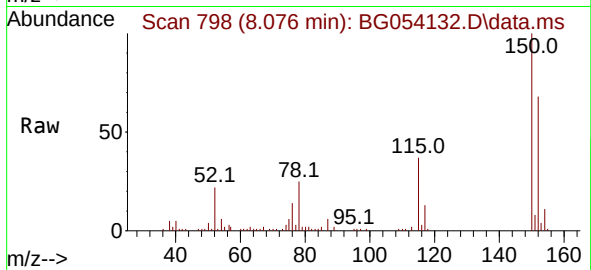




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.006 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

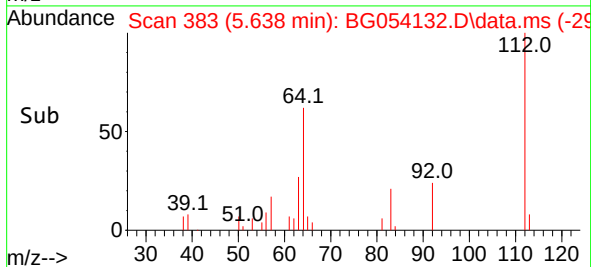
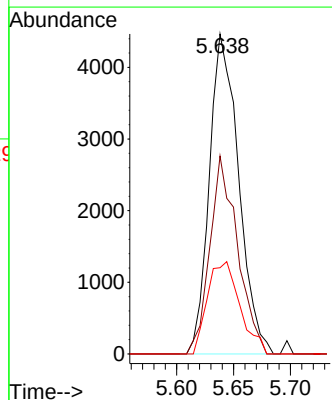
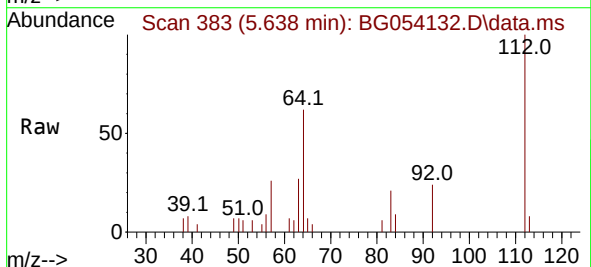
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6DL

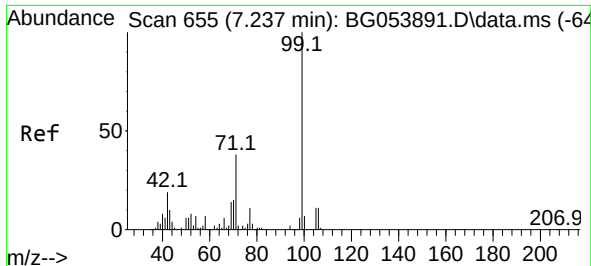
Tgt Ion:152 Resp: 36843
Ion Ratio Lower Upper
152 100
150 146.0 131.6 197.4
115 54.5 50.9 76.3



#5
2-Fluorophenol
Concen: 4.147 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion:112 Resp: 7991
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 26.9 30.4 45.6#

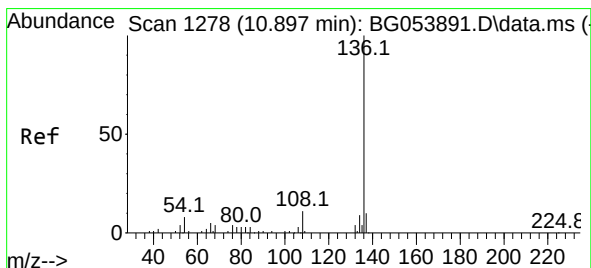
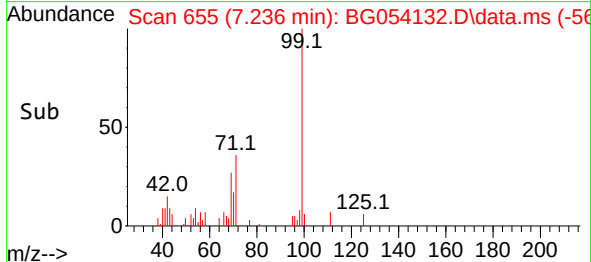
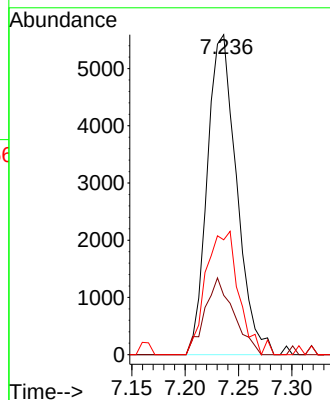
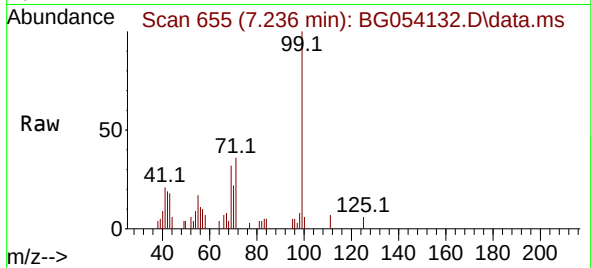




#7
Phenol-d6
Concen: 4.087 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

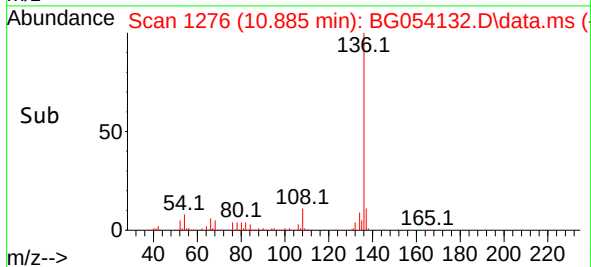
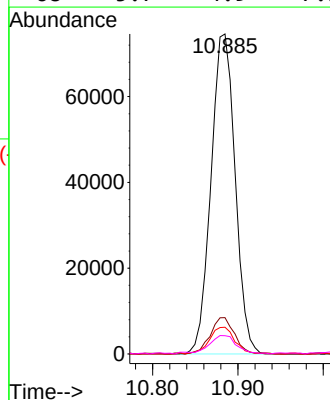
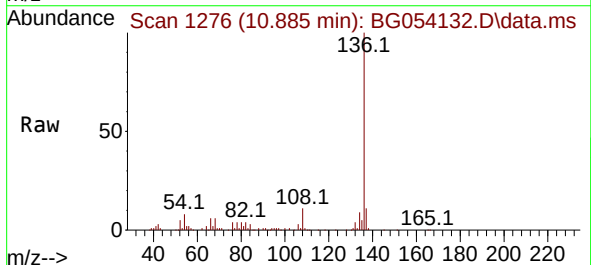
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6DL

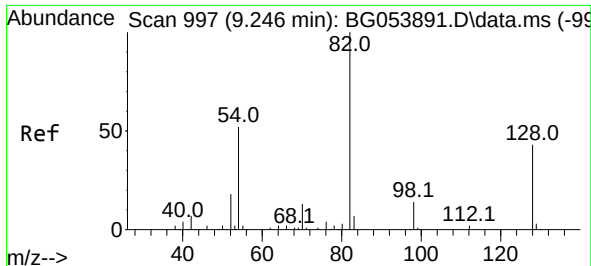
Tgt Ion: 99 Resp: 10685
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 35.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion: 136 Resp: 146581
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 8.3 7.4 11.2
68 5.7 4.9 7.3

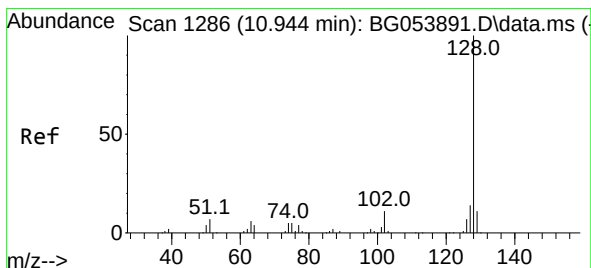
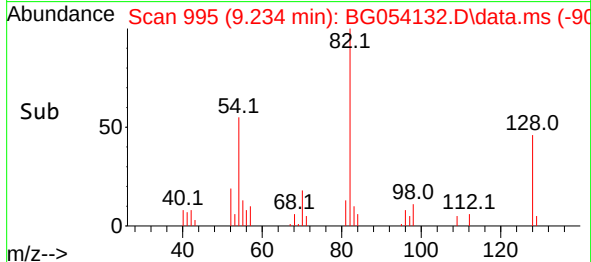
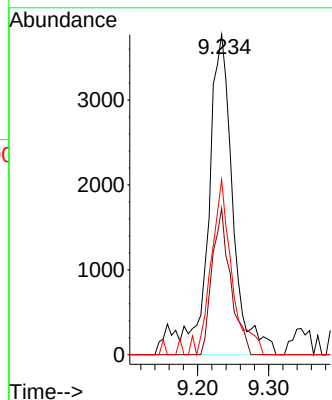
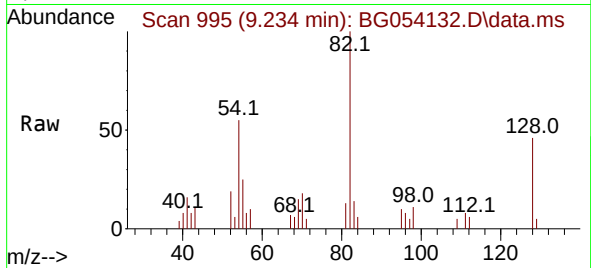




#23
Nitrobenzene-d5
Concen: 3.347 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

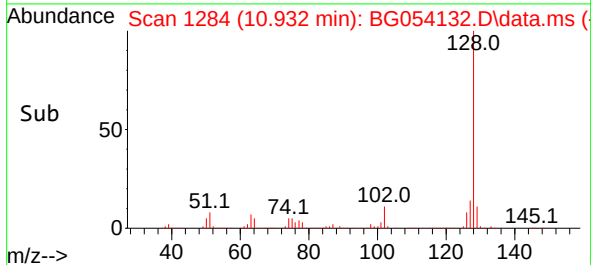
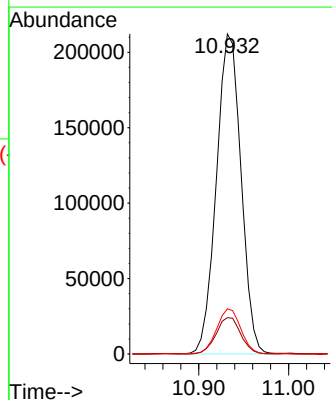
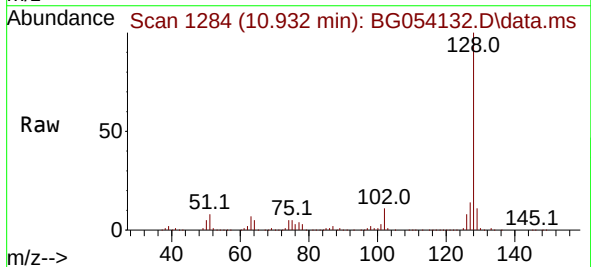
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6DL

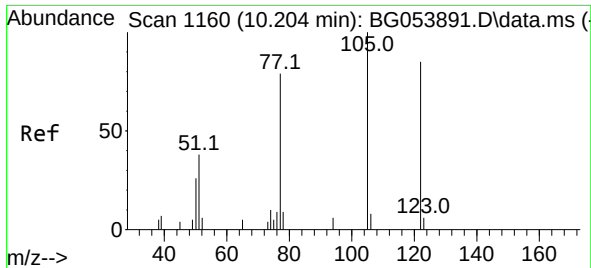
Tgt Ion: 82 Resp: 8731
Ion Ratio Lower Upper
82 100
128 45.8 27.9 41.9#
54 54.6 41.2 61.8



#31
Naphthalene
Concen: 54.679 ng
RT: 10.932 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion: 128 Resp: 404609
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.1 11.1 16.7

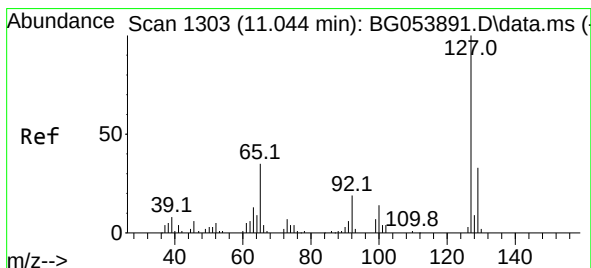
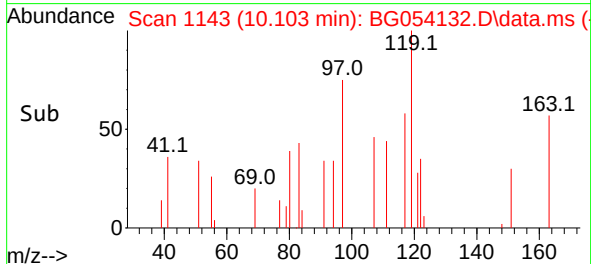
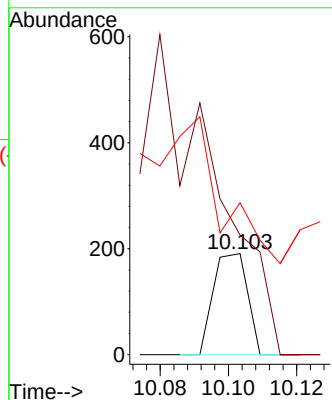
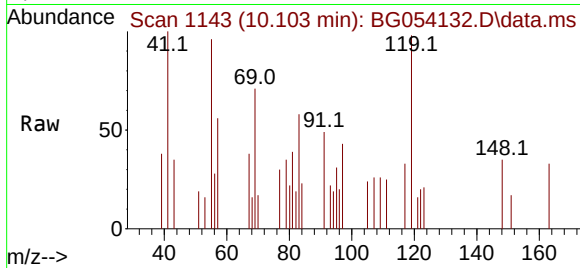




#32
Benzoic acid
Concen: 11.411 ng
RT: 10.103 min Scan# 1160
Delta R.T. -0.094 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

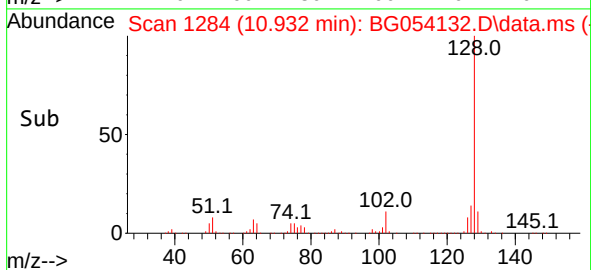
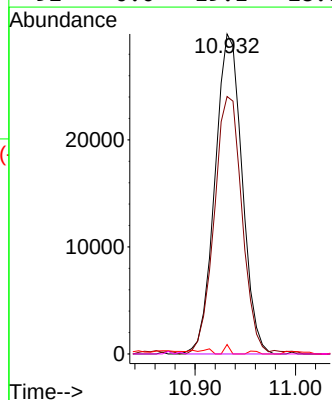
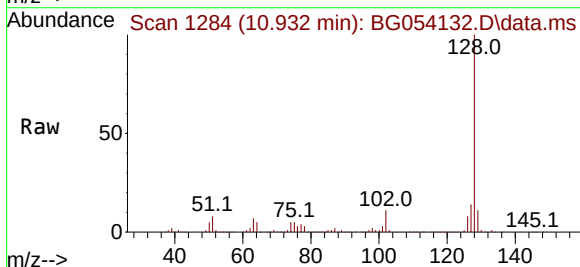
Instrument :
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ClientSampleId :
SP-EXC-1-6DL

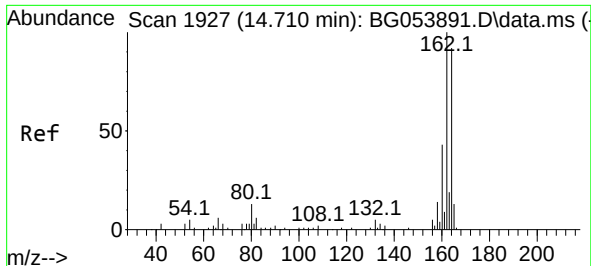
Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 118.3 111.8 151.8
77 150.3 109.4 149.4#



#33
4-Chloroaniline
Concen: 18.300 ng
RT: 10.932 min Scan# 1284
Delta R.T. -0.100 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion:127 Resp: 56178
Ion Ratio Lower Upper
127 100
129 80.4 26.3 39.5#
65 3.0 31.1 46.7#
92 0.0 19.1 28.7#

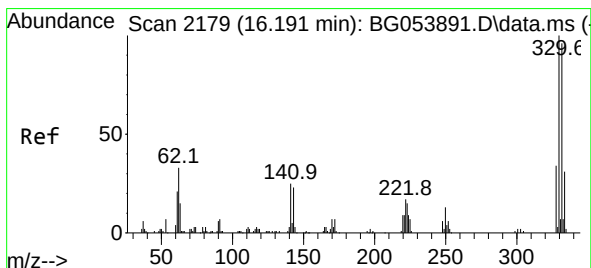
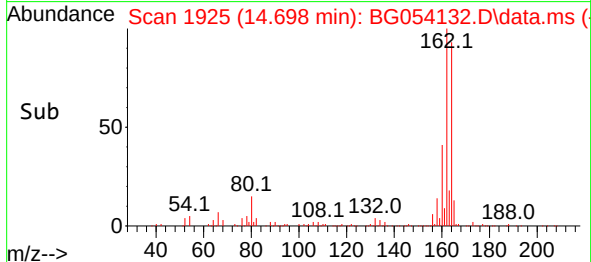
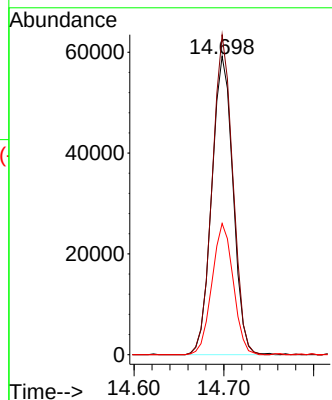
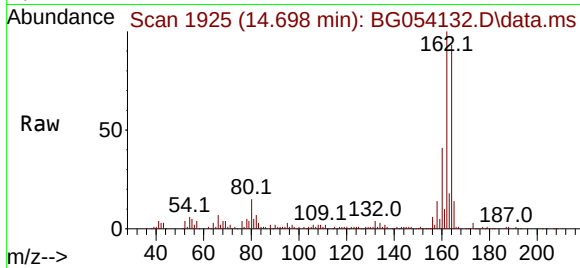




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

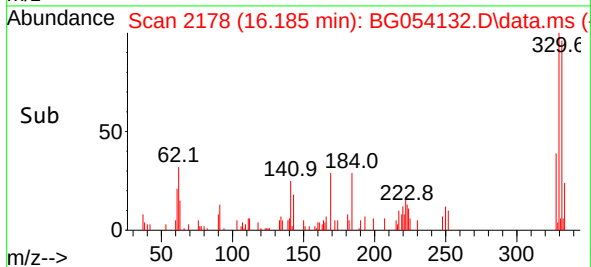
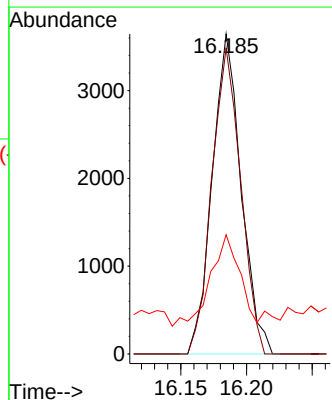
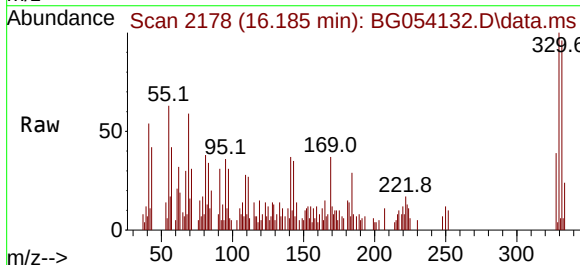
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ClientSampleId :
SP-EXC-1-6DL

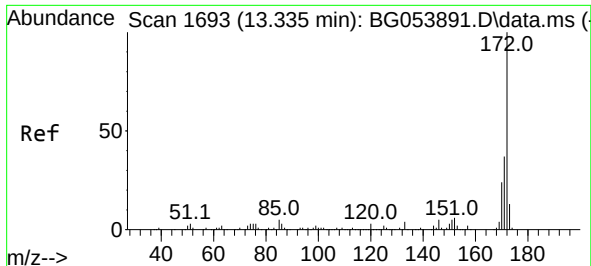
Tgt Ion:164 Resp: 97235
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 43.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 3.566 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion:330 Resp: 5571
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 25.5 27.1 40.7#

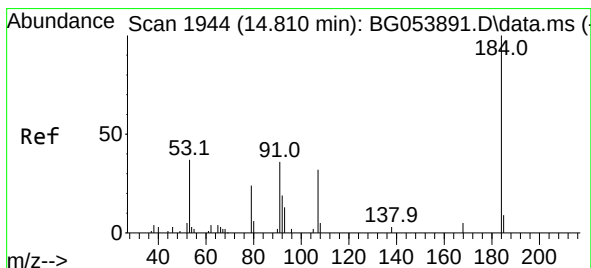
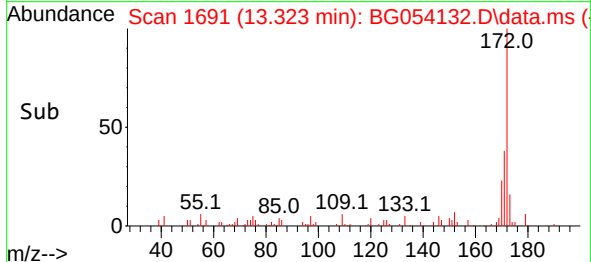
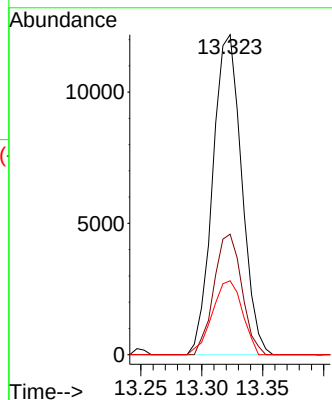
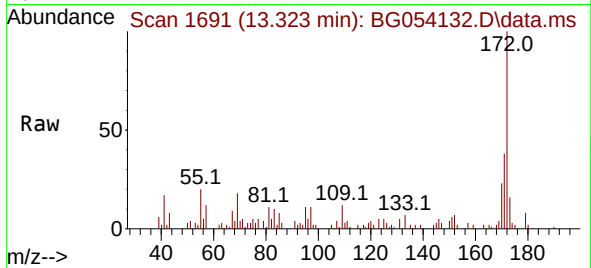




#45
2-Fluorobiphenyl
Concen: 3.011 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

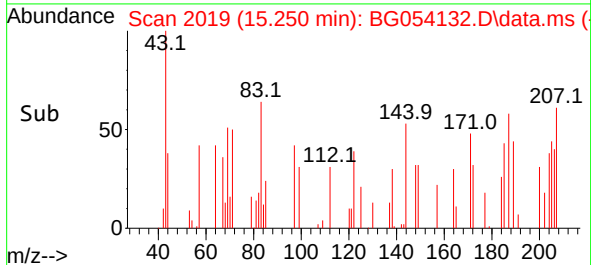
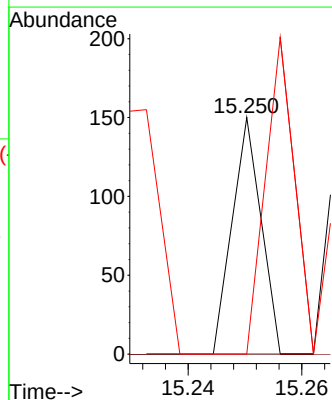
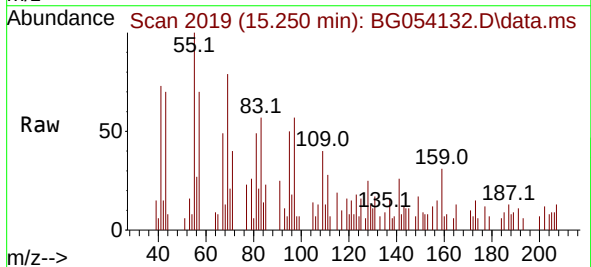
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SP-EXC-1-6DL

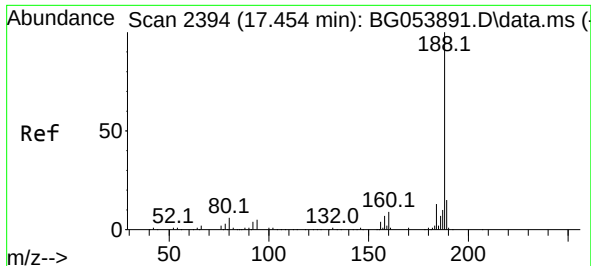
Tgt Ion:172 Resp: 20134
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 23.1 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 7.109 ng
RT: 15.250 min Scan# 2019
Delta R.T. 0.447 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#

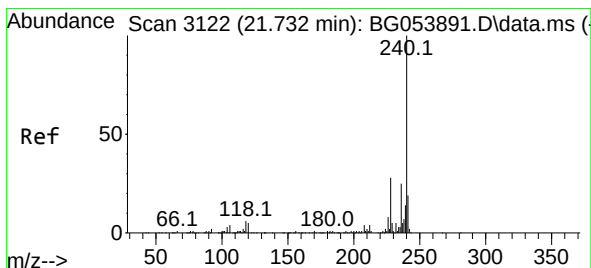
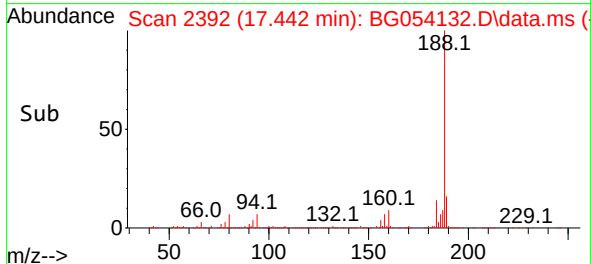
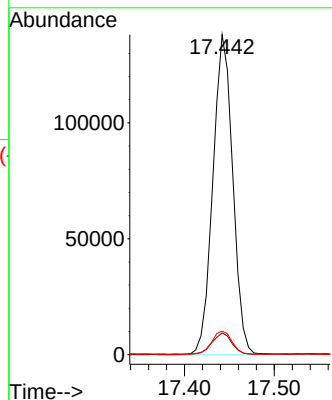
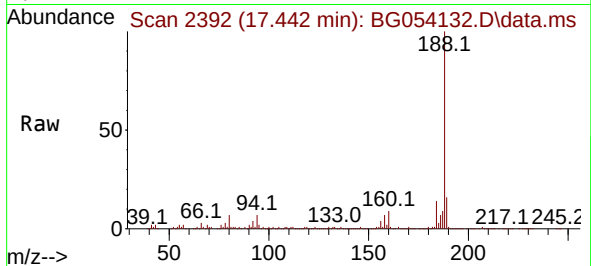




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 211979
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

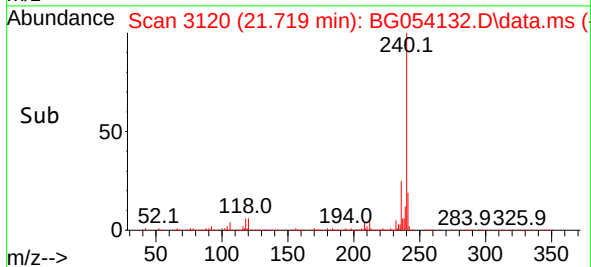
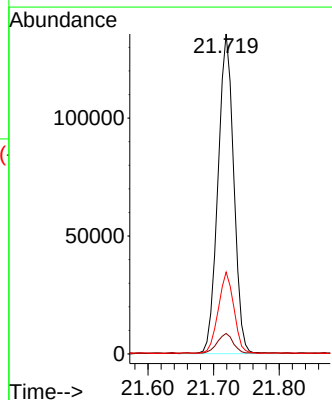
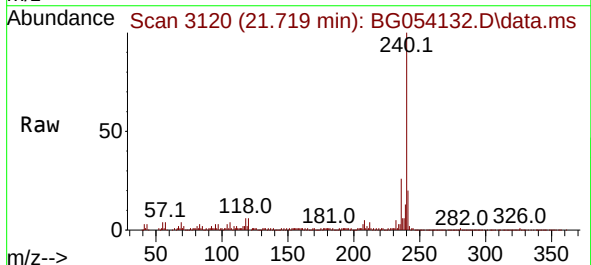
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6DL

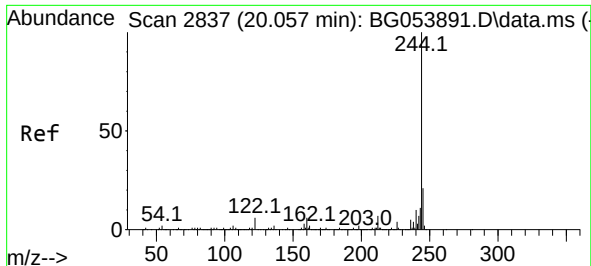
Tgt Ion:188 Resp: 211979
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG054132.D
Acq: 29 Jun 2022 00:44

Tgt Ion:240 Resp: 225218
Ion Ratio Lower Upper
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120 6.4 4.6 7.0
236 25.6 20.2 30.4

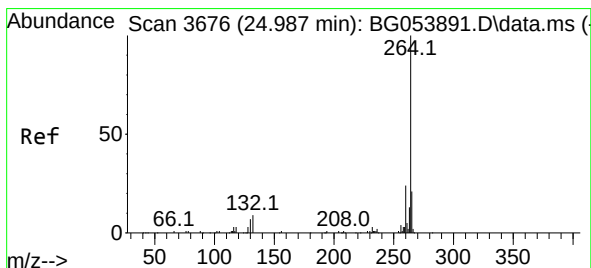
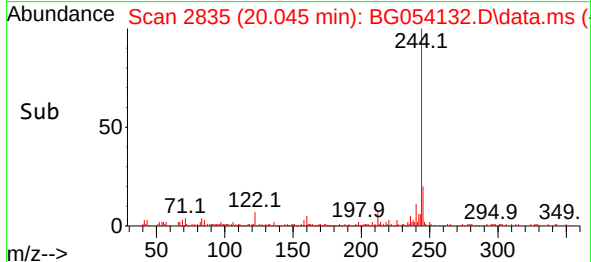
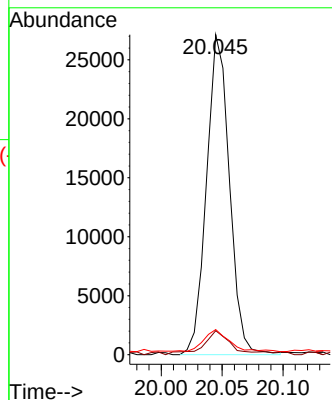
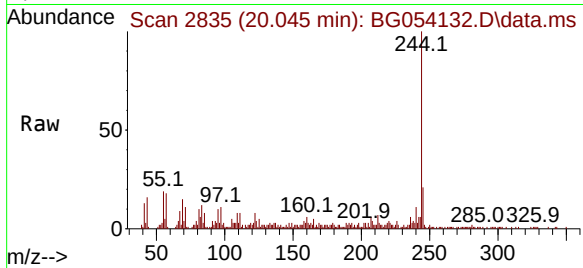




#79
 Terphenyl-d14
 Concen: 3.178 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054132.D
 Acq: 29 Jun 2022 00:44

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-6DL

Tgt Ion:244 Resp: 35535
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.986 min Scan# 3676
 Delta R.T. 0.024 min
 Lab File: BG054132.D
 Acq: 29 Jun 2022 00:44

Tgt Ion:264 Resp: 238526
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.5 17.4 26.2

