

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054164.D
 Acq On : 30 Jun 2022 3:29
 Operator : CG/JU
 Sample : N3527-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600532979-B

Quant Time: Jun 30 05:58:26 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)

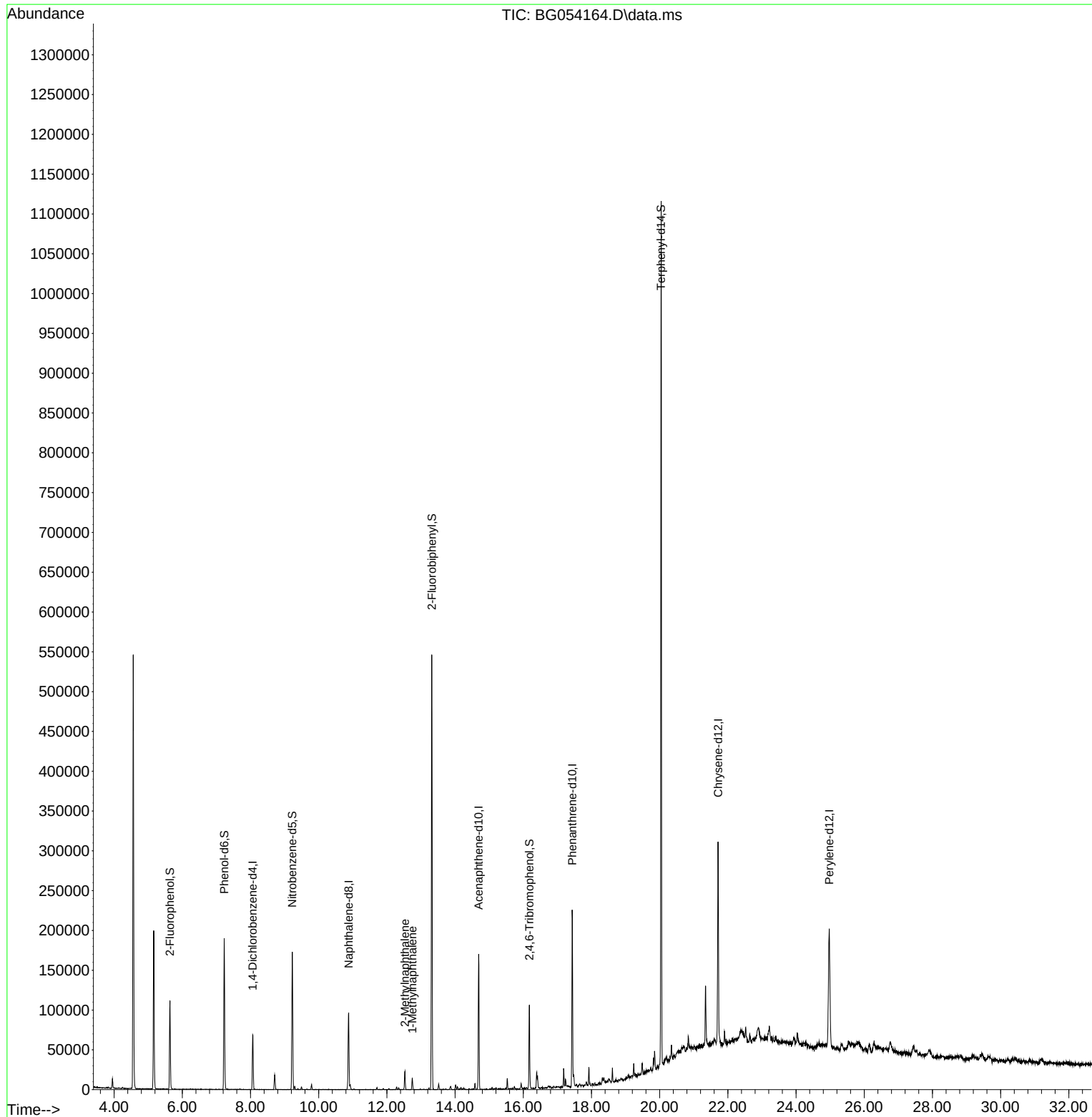
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	22483	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	89633	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	65927	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	156966	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	172111	20.000	ng	0.00
86) Perylene-d12	24.975	264	179447	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	52761	44.867	ng	0.00
7) Phenol-d6	7.231	99	113708	71.279	ng	0.00
23) Nitrobenzene-d5	9.228	82	110187	69.083	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	26748	25.252	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	320108	70.605	ng	0.00
79) Terphenyl-d14	20.045	244	609684	71.347	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.530	142	11992	3.582	ng	96
38) 1-Methylnaphthalene	12.748	142	8121	2.491	ng	98

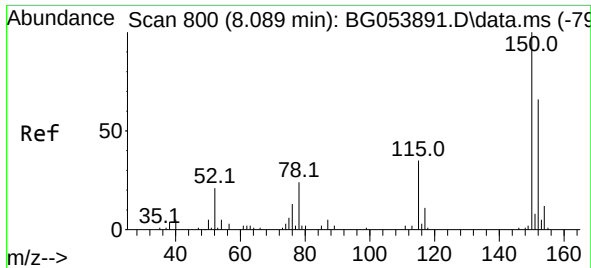
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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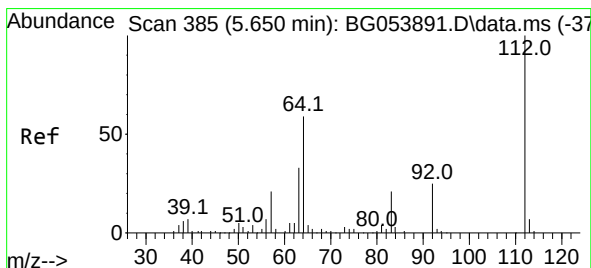
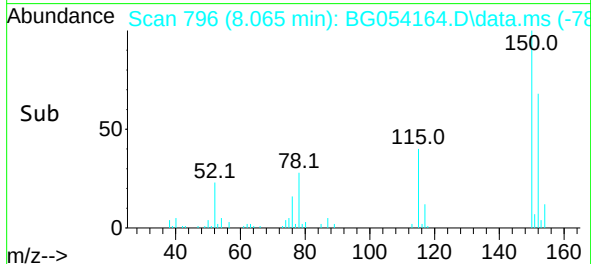
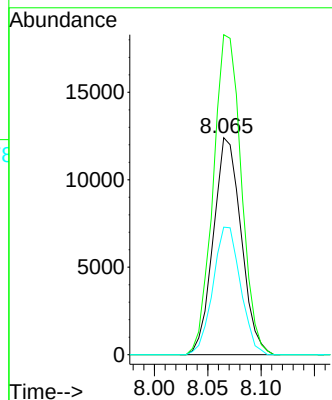
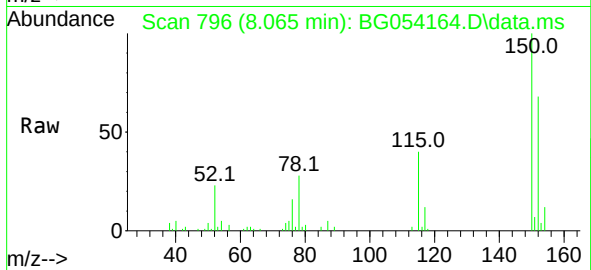




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

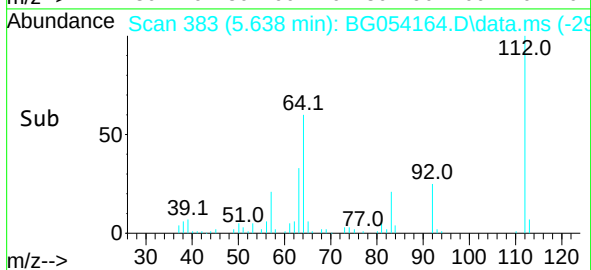
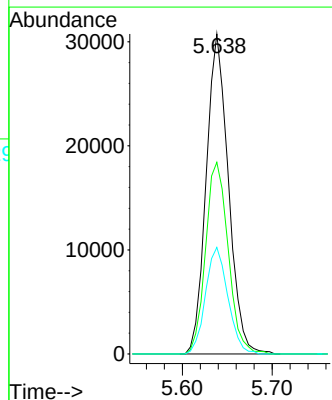
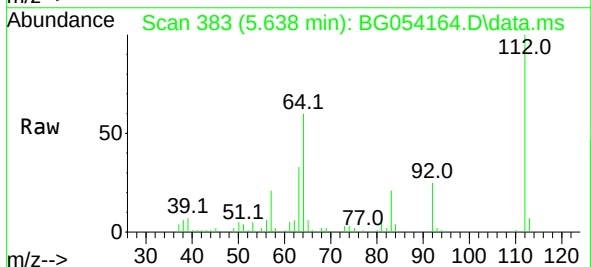
Instrument :
BNA_G
ClientSampleId :
600532979-B

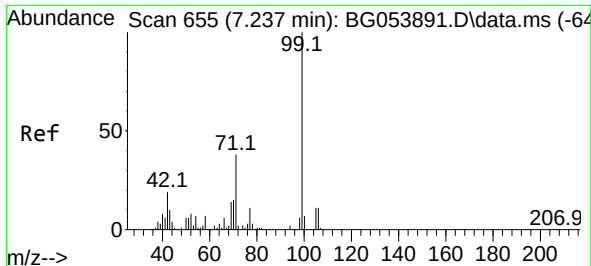
Tgt Ion:152 Resp: 22483
Ion Ratio Lower Upper
152 100
150 147.5 131.6 197.4
115 58.7 50.9 76.3



#5
2-Fluorophenol
Concen: 44.867 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:112 Resp: 52761
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 33.3 30.4 45.6

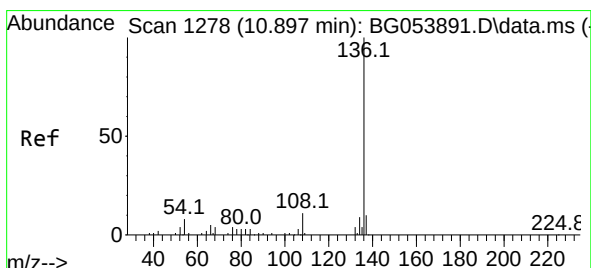
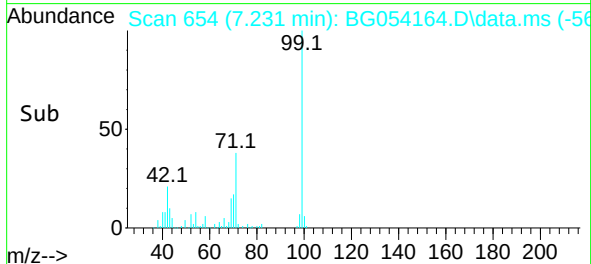
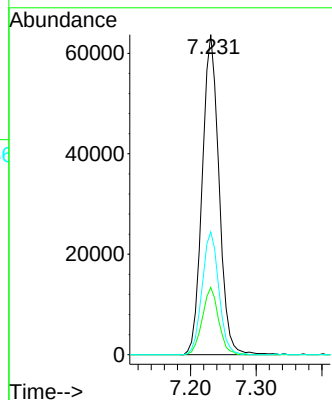
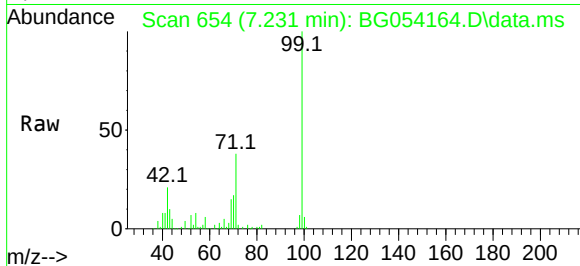




#7
Phenol-d6
Concen: 71.279 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

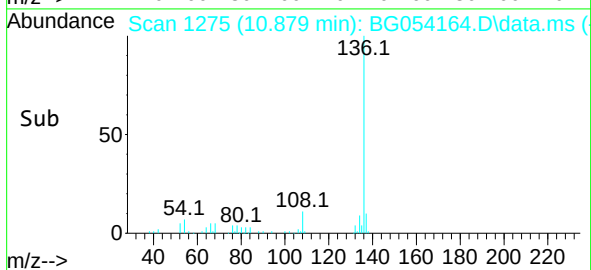
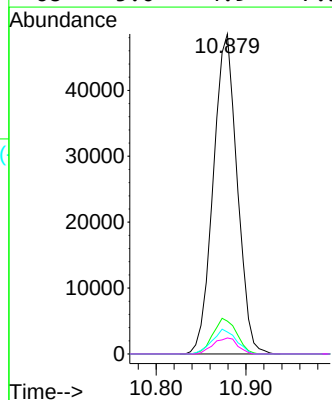
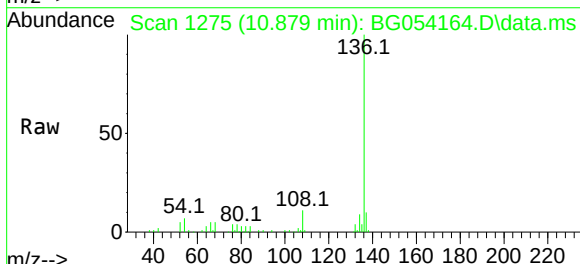
Instrument :
BNA_G
ClientSampleId :
600532979-B

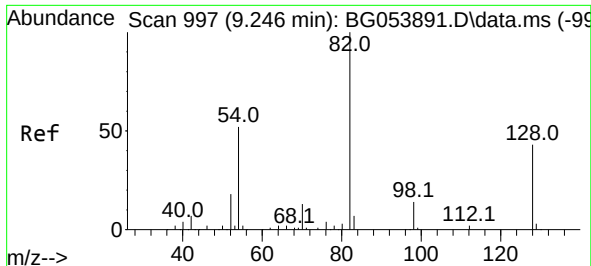
Tgt Ion: 99 Resp: 113708
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 38.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 1275
Delta R.T. 0.001 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion: 136 Resp: 89633
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 6.9 7.4 11.2#
68 5.0 4.9 7.3

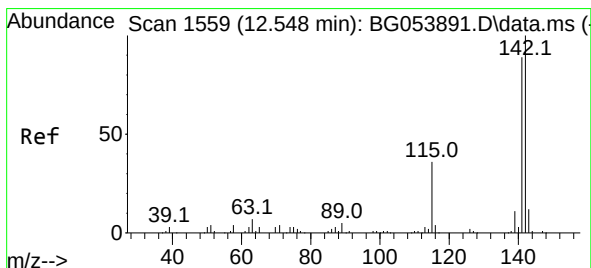
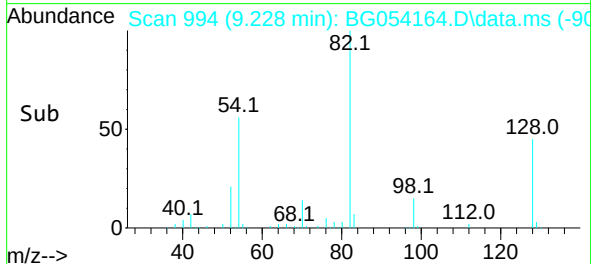
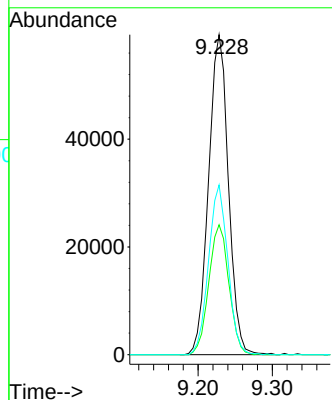
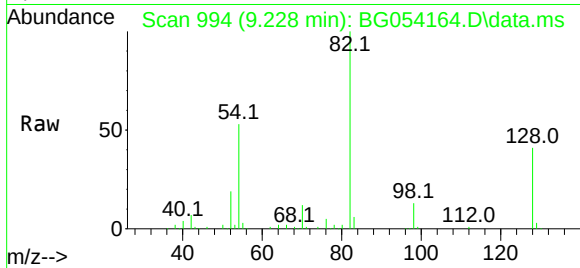




#23
Nitrobenzene-d5
Concen: 69.083 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

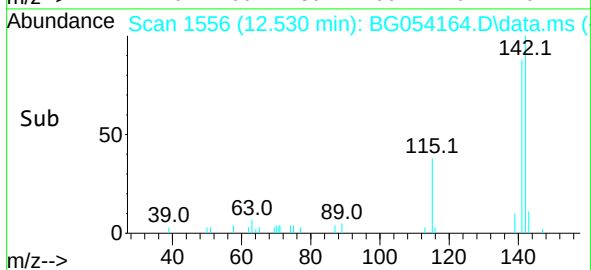
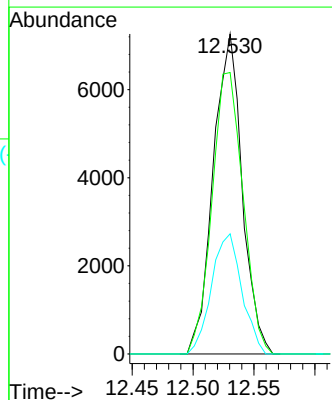
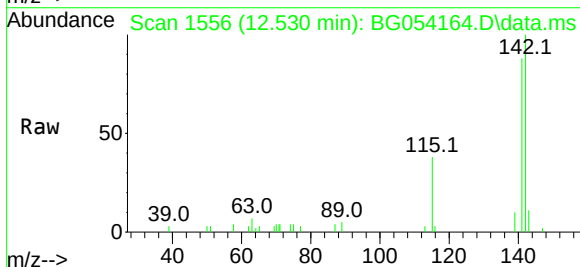
Instrument :
BNA_G
ClientSampleId :
600532979-B

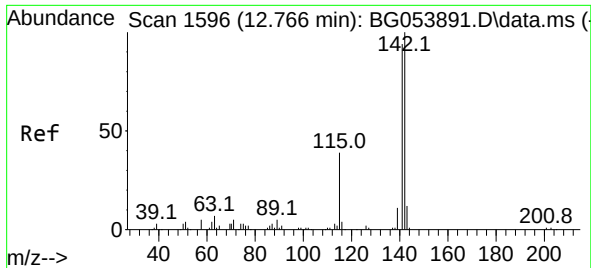
Tgt Ion: 82 Resp: 110187
Ion Ratio Lower Upper
82 100
128 40.6 27.9 41.9
54 53.0 41.2 61.8



#37
2-Methylnaphthalene
Concen: 3.582 ng
RT: 12.530 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion: 142 Resp: 11992
Ion Ratio Lower Upper
142 100
141 88.0 72.3 108.5
115 37.5 33.7 50.5

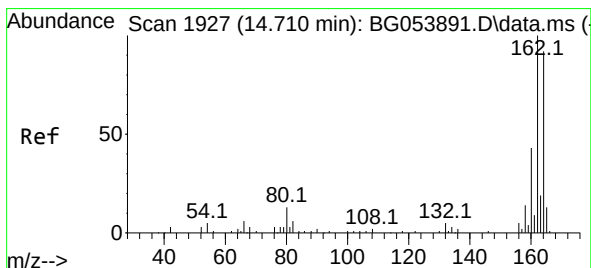
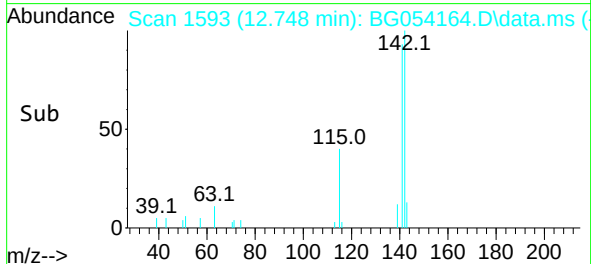
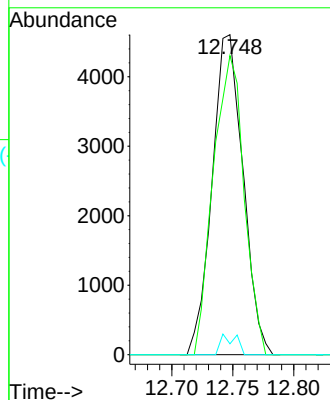
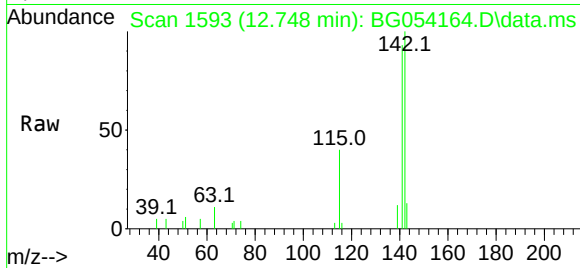




#38
1-Methylnaphthalene
Concen: 2.491 ng
RT: 12.748 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

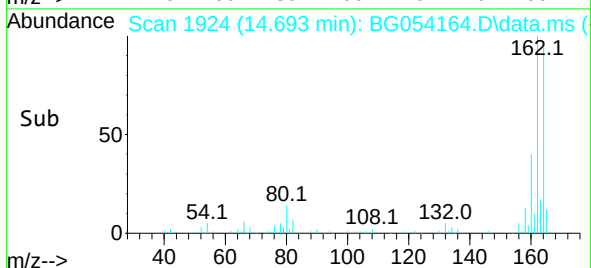
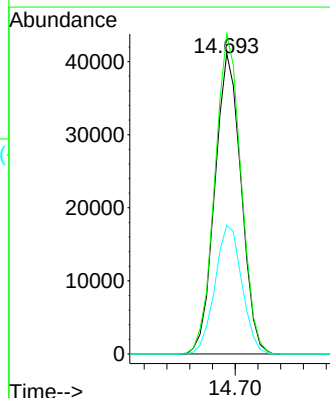
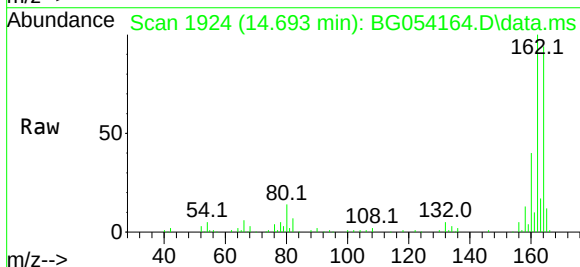
Instrument :
BNA_G
ClientSampleId :
600532979-B

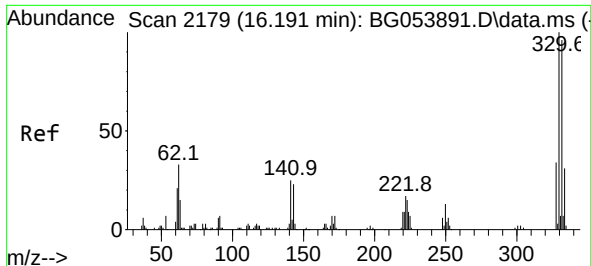
Tgt Ion:142 Resp: 8121
Ion Ratio Lower Upper
142 100
141 93.5 76.4 114.6
116 3.4 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

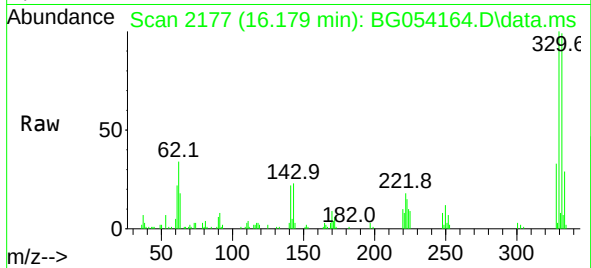
Tgt Ion:164 Resp: 65927
Ion Ratio Lower Upper
164 100
162 106.5 82.3 123.5
160 42.8 34.2 51.2



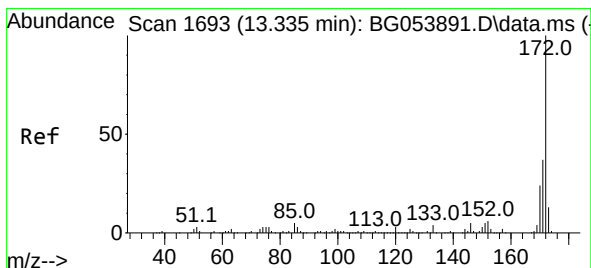
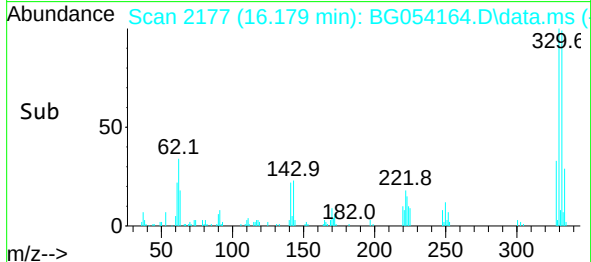
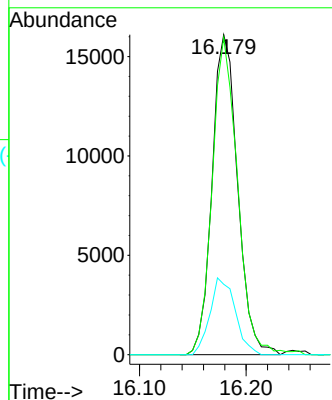


#42
2,4,6-Tribromophenol
Concen: 25.252 ng
RT: 16.179 min Scan# 2179
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Instrument :
BNA_G
ClientSampleId :
600532979-B

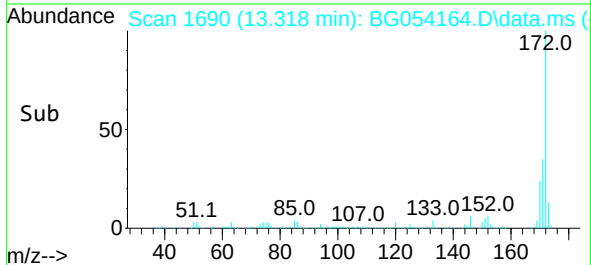
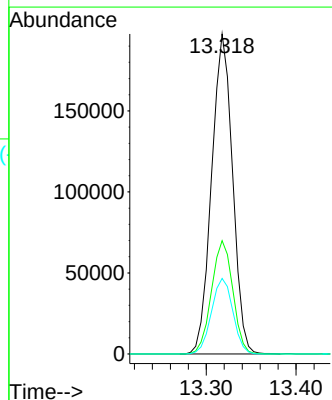
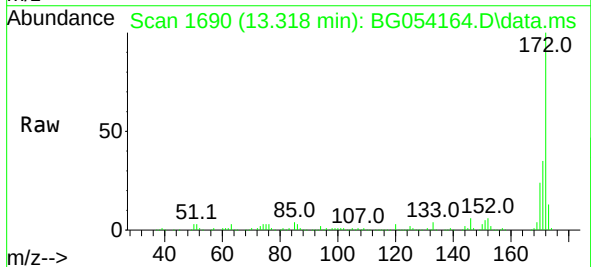


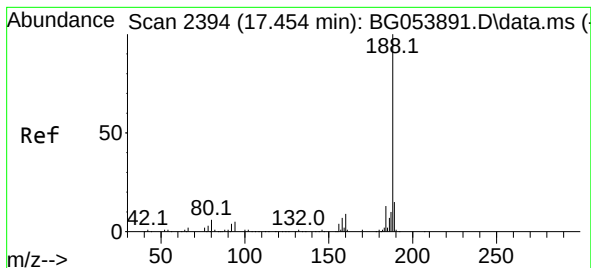
Tgt Ion:330 Resp: 26748
Ion Ratio Lower Upper
330 100
332 98.5 76.0 114.0
141 23.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 70.605 ng
RT: 13.318 min Scan# 1690
Delta R.T. -0.005 min
Lab File: BG054164.D
Acq: 30 Jun 2022 3:29

Tgt Ion:172 Resp: 320108
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.436 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054164.D

Acq: 30 Jun 2022 3:29

Instrument :

BNA_G

ClientSampleId :

600532979-B

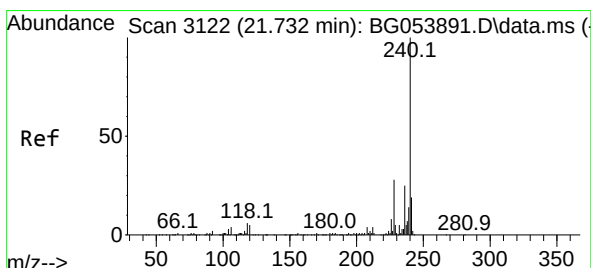
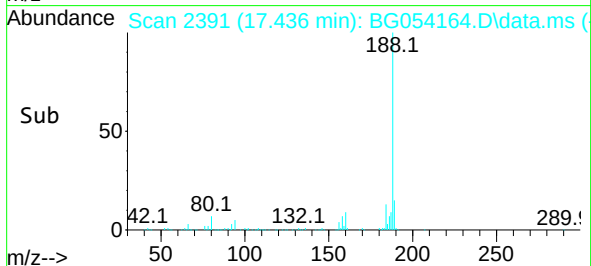
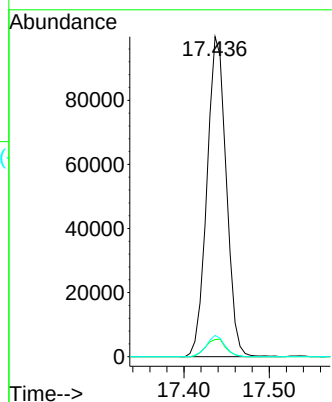
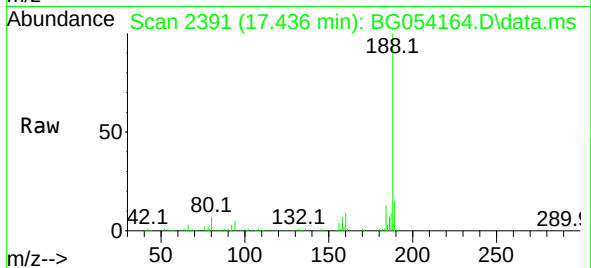
Tgt Ion:188 Resp: 156966

Ion Ratio Lower Upper

188 100

94 5.4 5.4 8.0

80 6.7 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.714 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BG054164.D

Acq: 30 Jun 2022 3:29

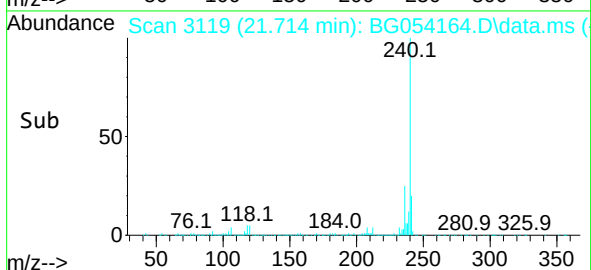
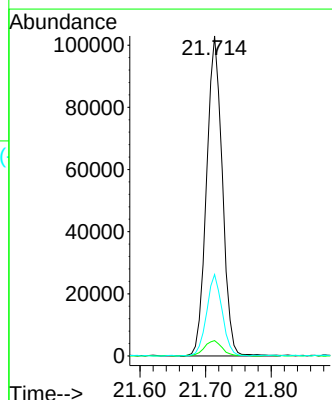
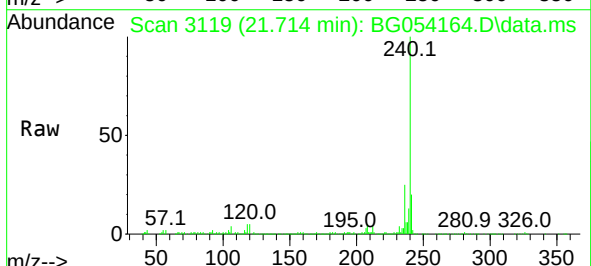
Tgt Ion:240 Resp: 172111

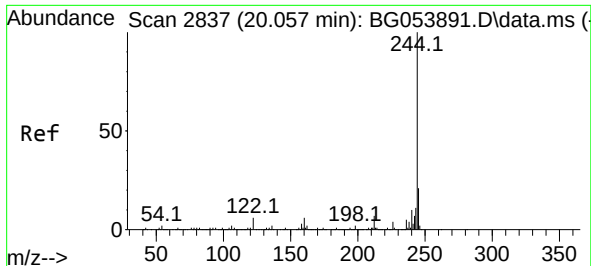
Ion Ratio Lower Upper

240 100

120 4.8 4.6 7.0

236 25.4 20.2 30.4

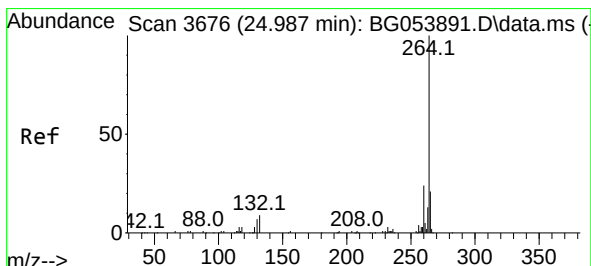
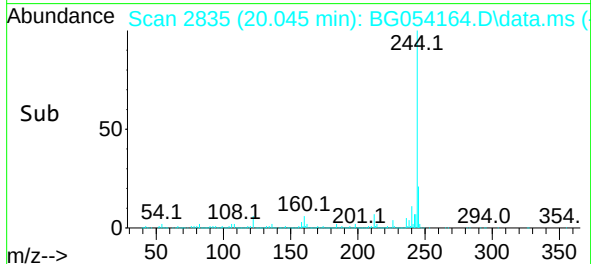
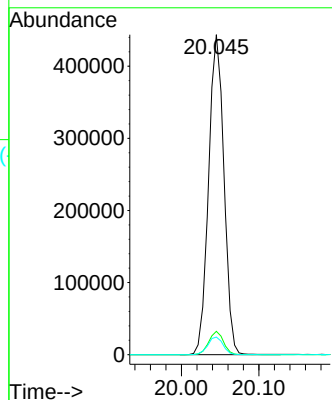
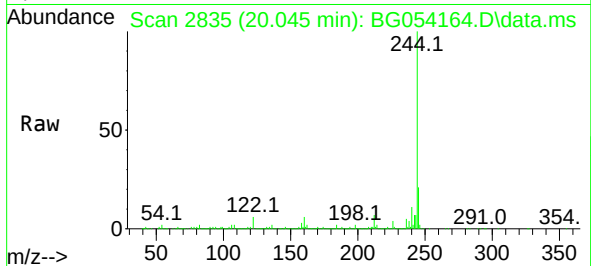




#79
 Terphenyl-d14
 Concen: 71.347 ng
 RT: 20.045 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054164.D
 Acq: 30 Jun 2022 3:29

Instrument :
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 ClientSampleId :
 600532979-B

Tgt Ion:244 Resp: 609684
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.975 min Scan# 3674
 Delta R.T. 0.012 min
 Lab File: BG054164.D
 Acq: 30 Jun 2022 3:29

Tgt Ion:264 Resp: 179447
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.6 17.4 26.2

