

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054085.D
 Acq On : 26 Jun 2022 23:08
 Operator : CG/JU
 Sample : N3477-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-062322

Quant Time: Jun 27 00:33:49 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)

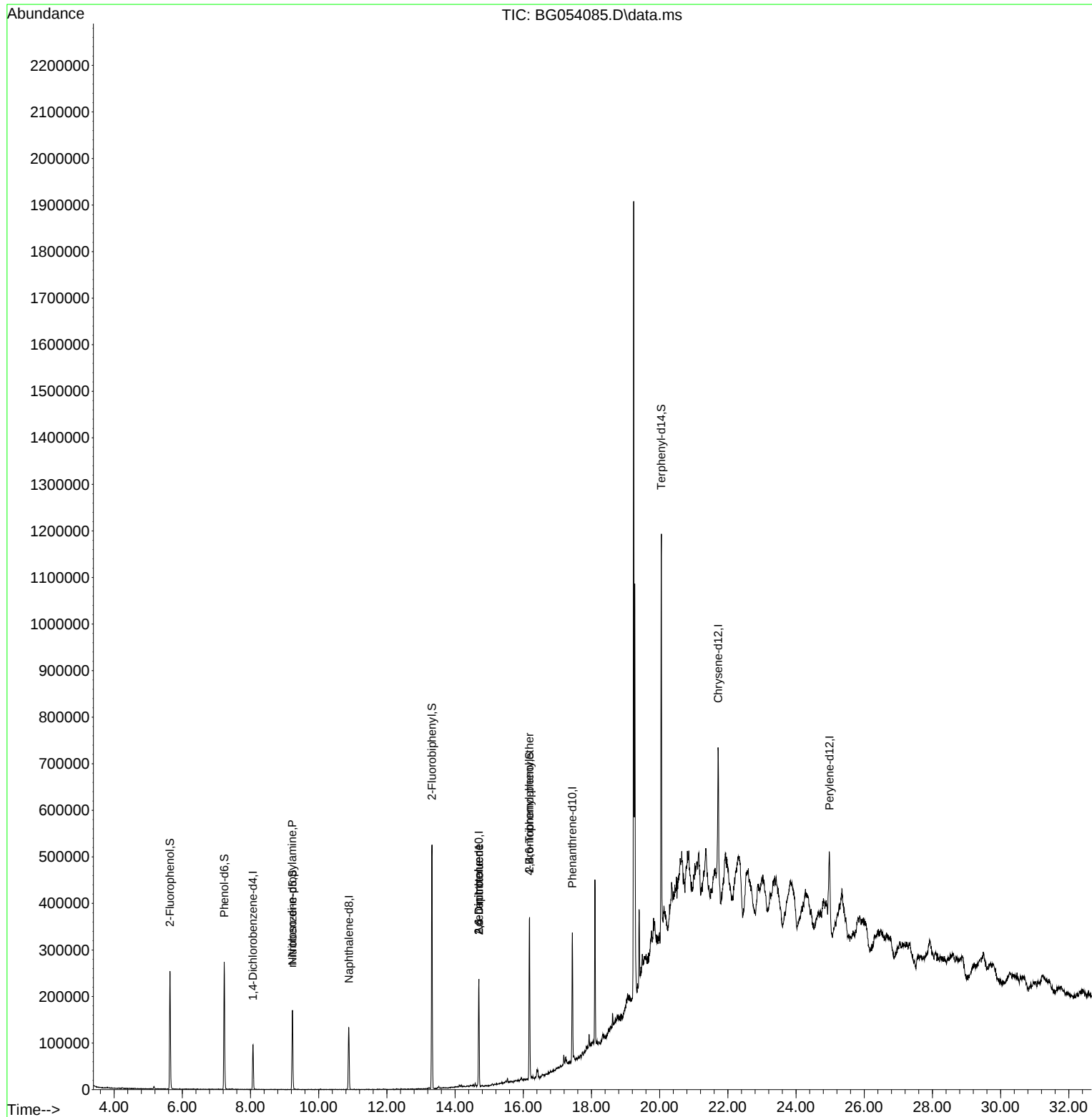
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	30332	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	125148	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	86603	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	185566	20.000	ng	0.00
76) Chrysene-d12	21.713	240	180167	20.000	ng	# 0.00
86) Perylene-d12	24.980	264	187812	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	121795	76.771	ng	0.00
7) Phenol-d6	7.230	99	168518	78.301	ng	0.00
23) Nitrobenzene-d5	9.234	82	110144	49.459	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	81456	58.541	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	299016	50.207	ng	0.00
79) Terphenyl-d14	20.051	244	457402	51.133	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.228	70	14779	10.221	ng	# 87
51) 2,6-Dinitrotoluene	14.698	165	12033	9.030	ng	# 16
57) 2,4-Dinitrotoluene	14.698	165	12033	6.394	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	5527	2.385	ng	# 1

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

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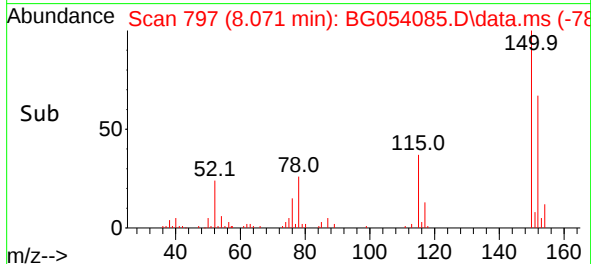
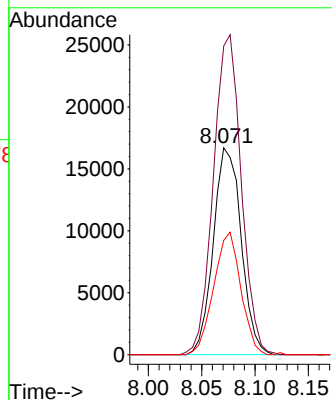
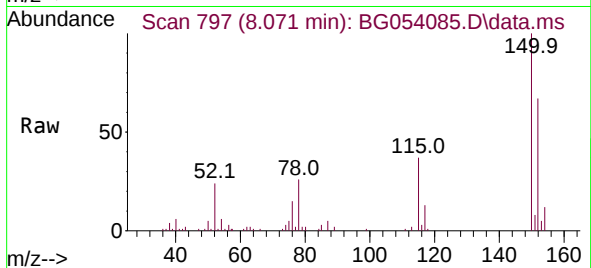




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

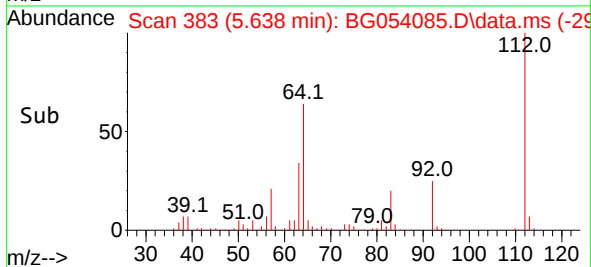
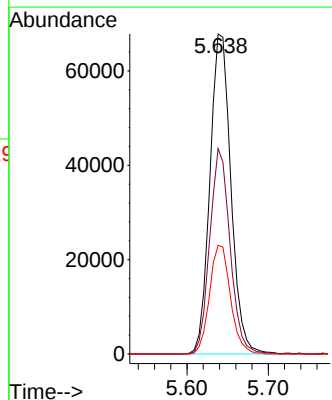
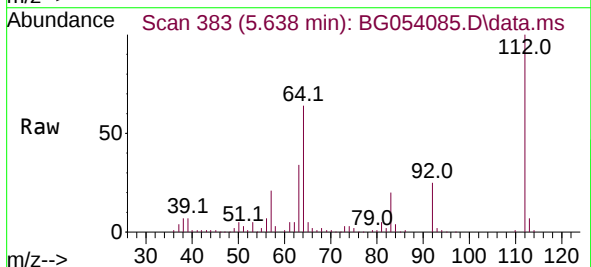
Instrument :
BNA_G
ClientSampleId :
HR-01-062322

Tgt Ion:152 Resp: 30332
Ion Ratio Lower Upper
152 100
150 149.2 131.6 197.4
115 55.3 50.9 76.3



#5
2-Fluorophenol
Concen: 76.771 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

Tgt Ion:112 Resp: 121795
Ion Ratio Lower Upper
112 100
64 64.1 55.1 82.7
63 34.0 30.4 45.6

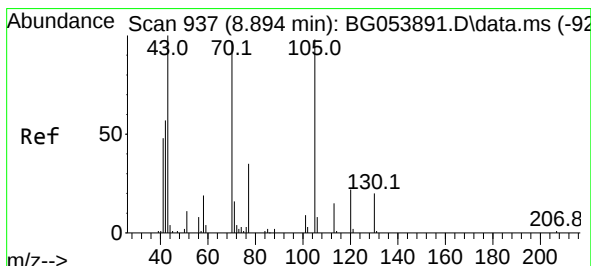
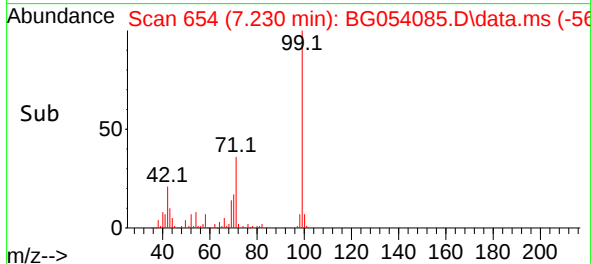
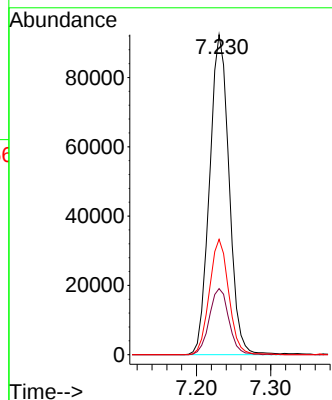
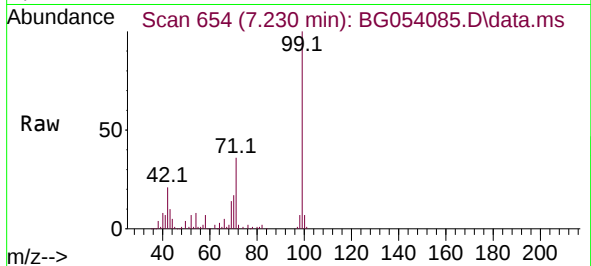




#7
Phenol-d6
Concen: 78.301 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

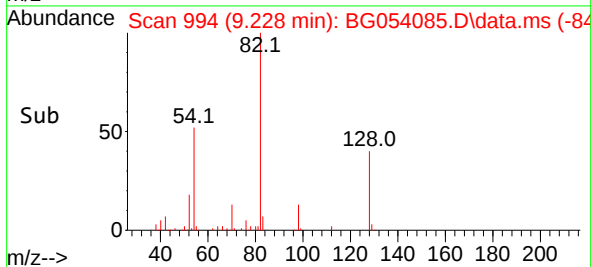
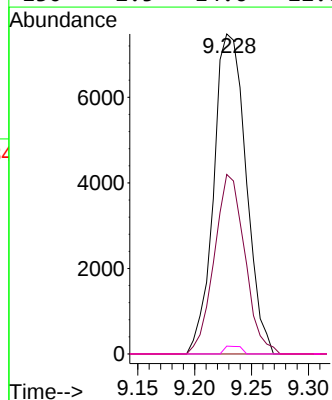
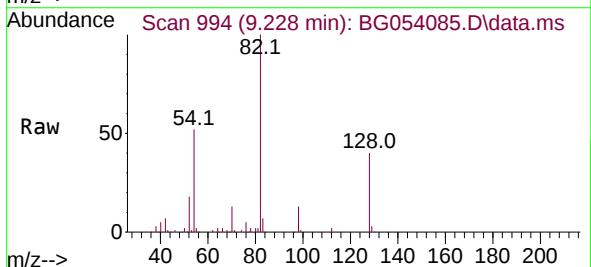
Instrument :
BNA_G
ClientSampleId :
HR-01-062322

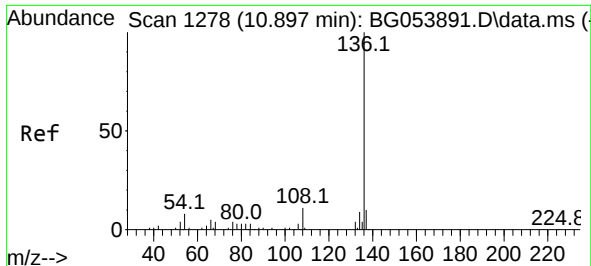
Tgt Ion: 99 Resp: 168518
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 36.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.221 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

Tgt Ion: 70 Resp: 14779
Ion Ratio Lower Upper
70 100
42 56.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

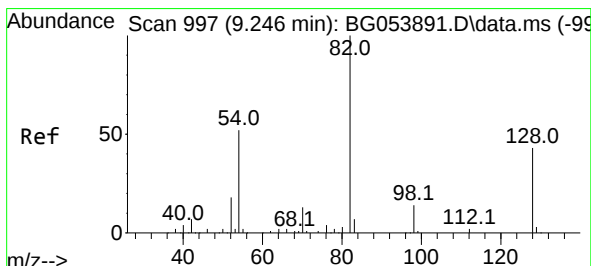
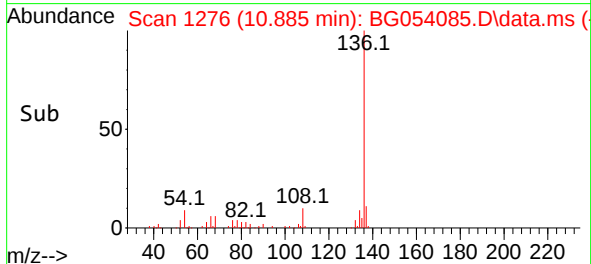
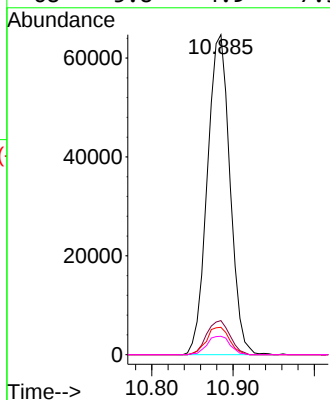
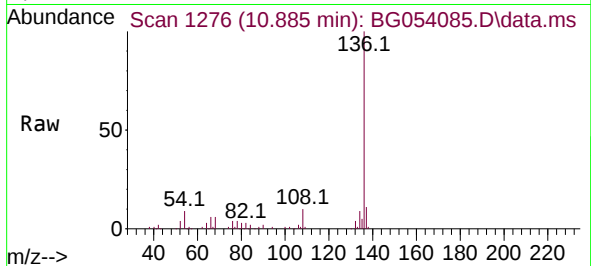




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

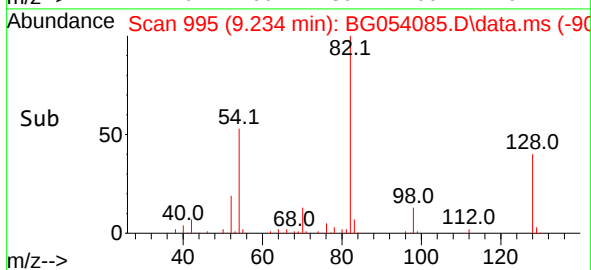
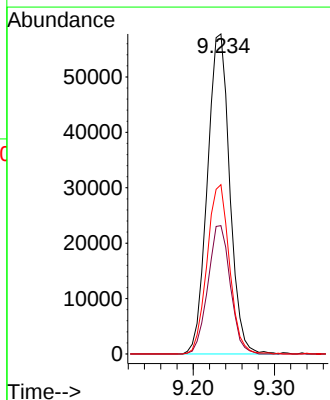
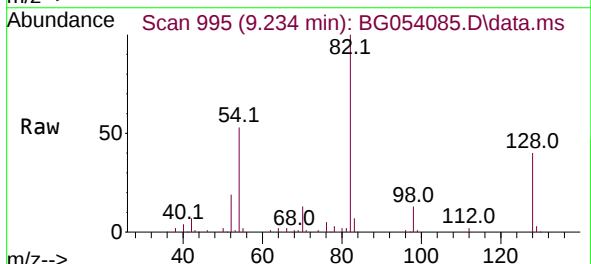
Instrument :
BNA_G
ClientSampleId :
HR-01-062322

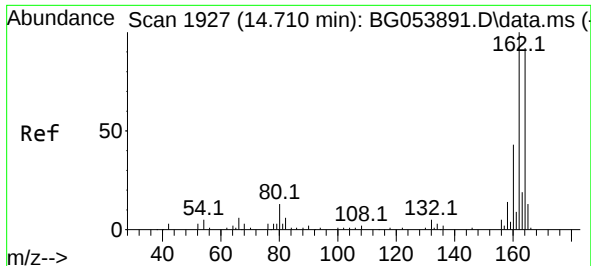
Tgt Ion:	136	Resp:	125148
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	8.5	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 49.459 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

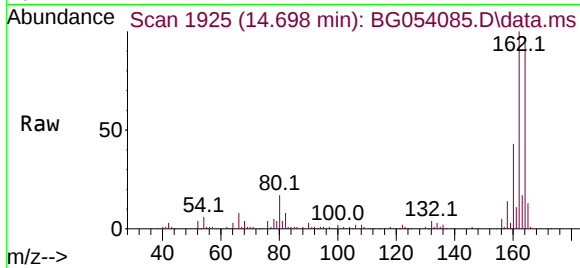
Tgt Ion:	82	Resp:	110144
Ion	Ratio	Lower	Upper
82	100		
128	40.1	27.9	41.9
54	52.9	41.2	61.8



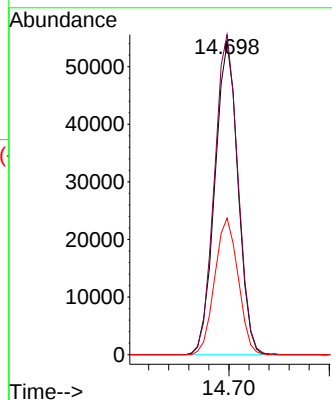
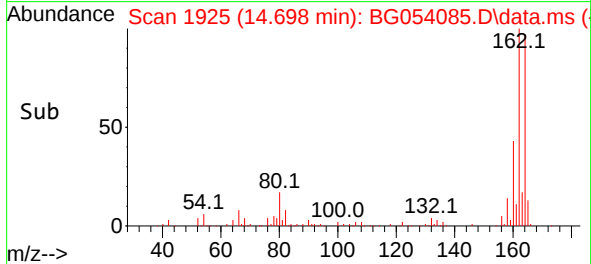


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

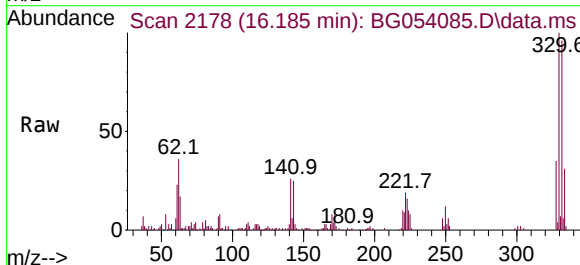
Instrument :
BNA_G
ClientSampleId :
HR-01-062322



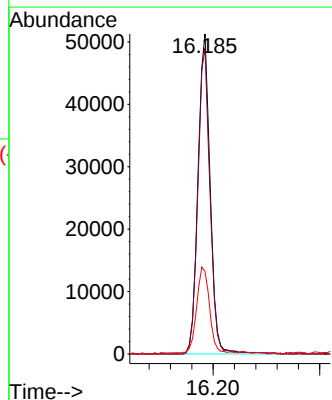
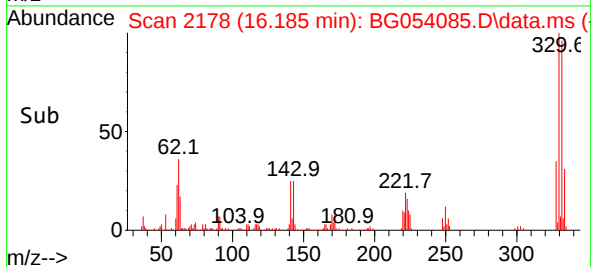
Tgt Ion:164 Resp: 86603
Ion Ratio Lower Upper
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162 102.6 82.3 123.5
160 43.8 34.2 51.2

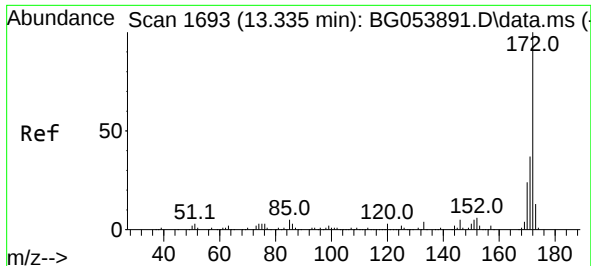


#42
2,4,6-Tribromophenol
Concen: 58.541 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08



Tgt Ion:330 Resp: 81456
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 28.0 27.1 40.7

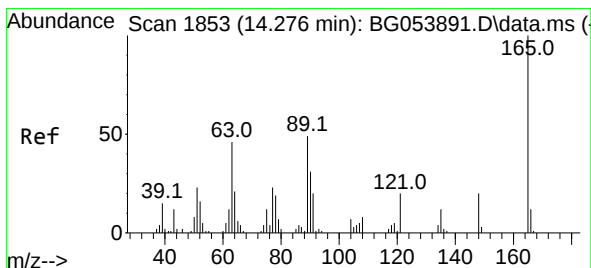
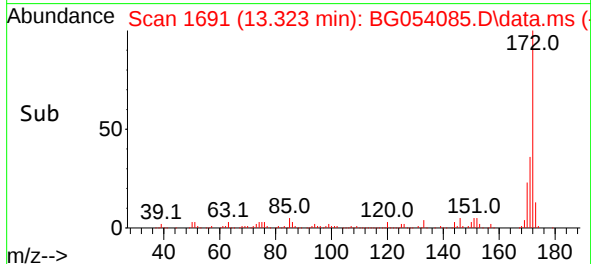
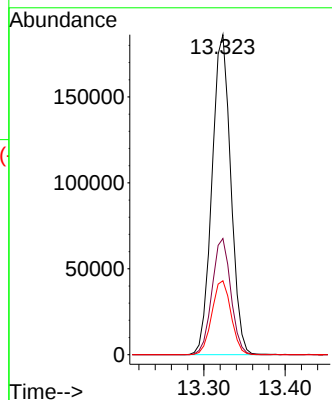
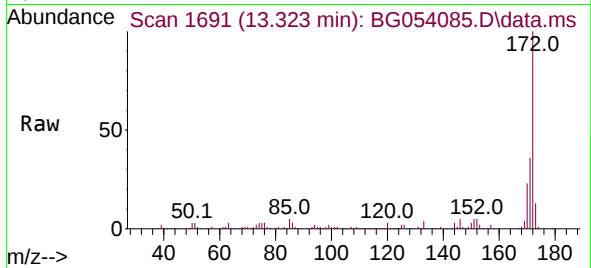




#45
2-Fluorobiphenyl
Concen: 50.207 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

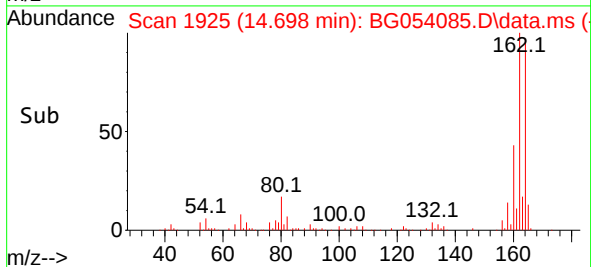
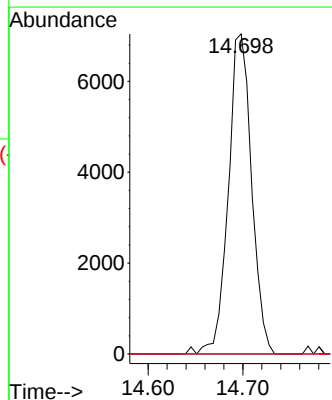
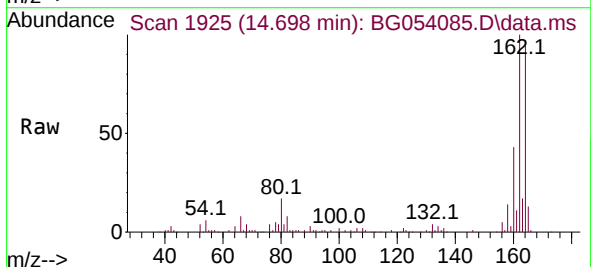
Instrument :
BNA_G
ClientSampleId :
HR-01-062322

Tgt Ion:172 Resp: 299016
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.030 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.435 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

Tgt Ion:165 Resp: 12033
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.394 ng

RT: 14.698 min Scan# 1987

Delta R.T. -0.352 min

Lab File: BG054085.D

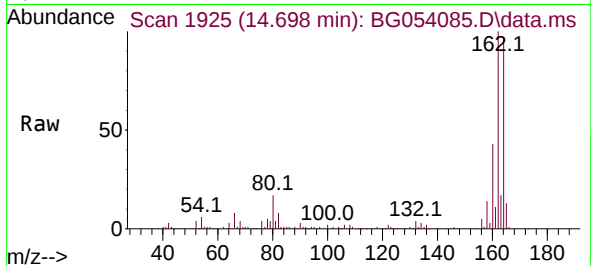
Acq: 26 Jun 2022 23:08

Instrument :

BNA_G

ClientSampleId :

HR-01-062322



Tgt Ion:165 Resp: 12033

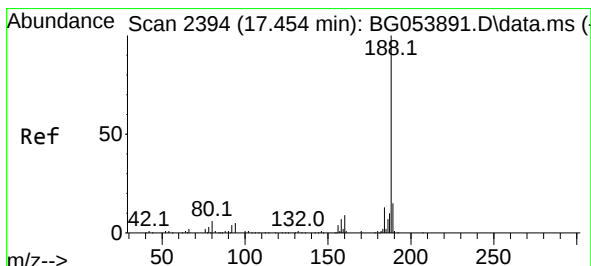
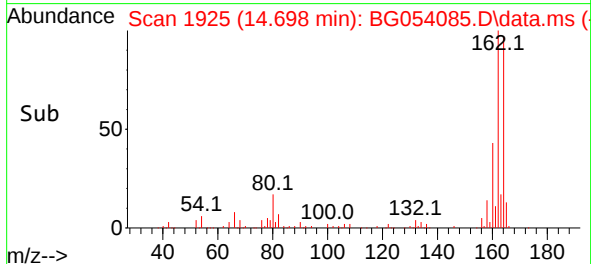
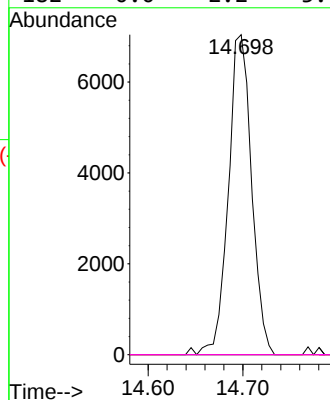
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.442 min Scan# 2392

Delta R.T. 0.000 min

Lab File: BG054085.D

Acq: 26 Jun 2022 23:08

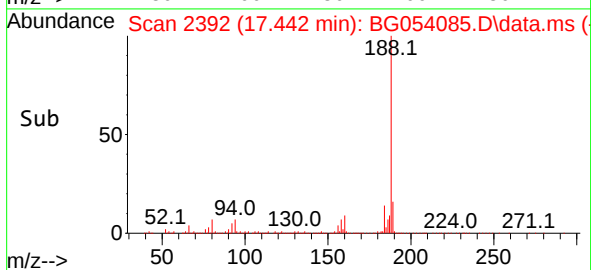
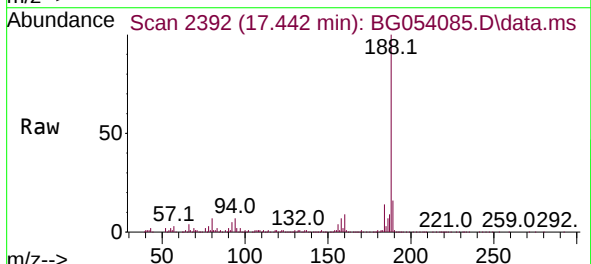
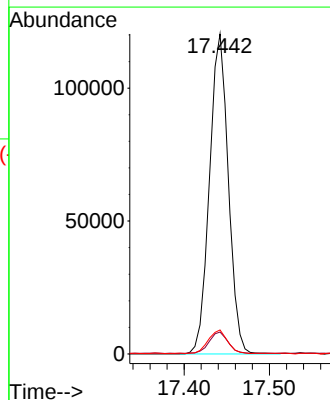
Tgt Ion:188 Resp: 185566

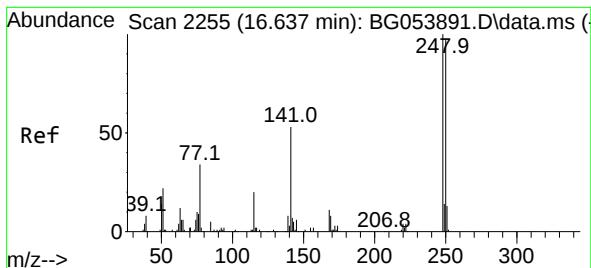
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 7.5 6.8 10.2

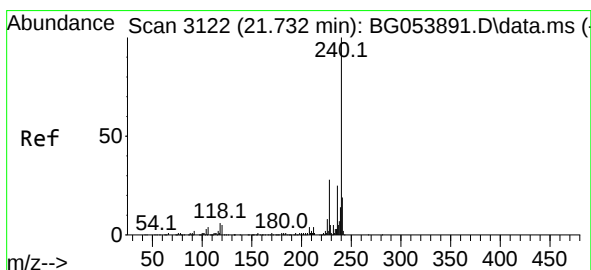
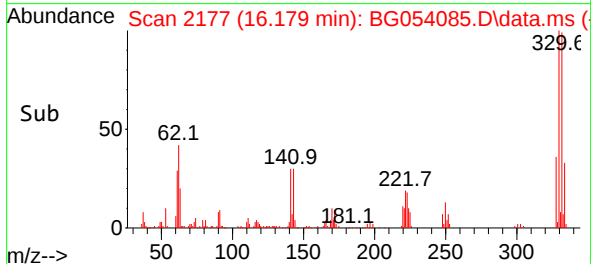
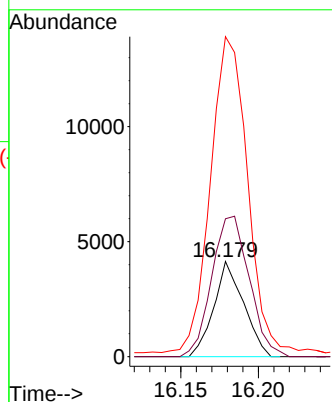
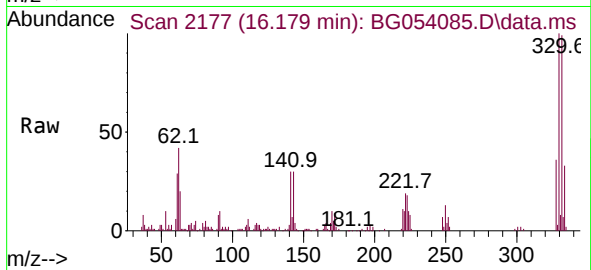




#67
4-Bromophenyl-phenylether
Concen: 2.385 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.446 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

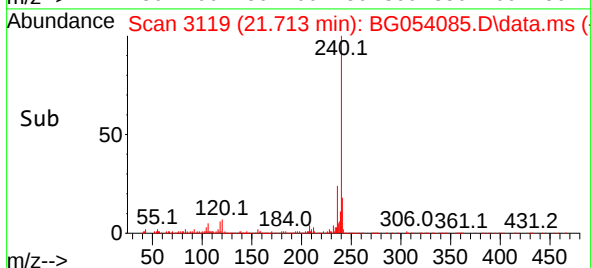
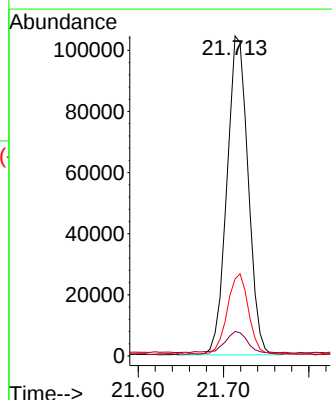
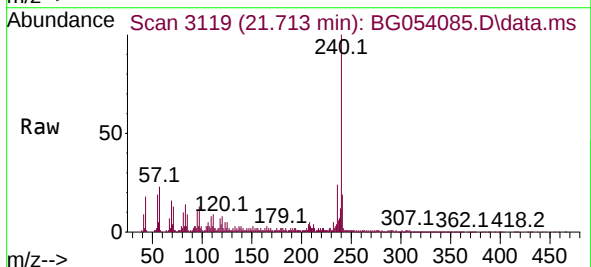
Instrument :
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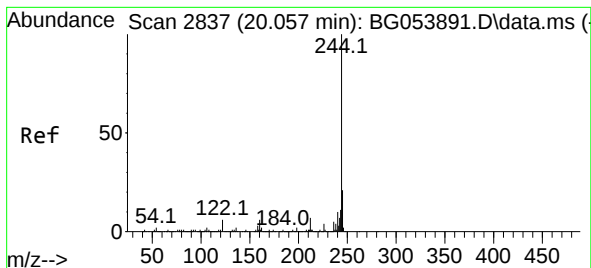
Tgt Ion:248 Resp: 5527
Ion Ratio Lower Upper
248 100
250 144.8 75.2 112.8#
141 335.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054085.D
Acq: 26 Jun 2022 23:08

Tgt Ion:240 Resp: 180167
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0#
236 24.1 20.2 30.4





#79

Terphenyl-d14

Concen: 51.133 ng

RT: 20.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG054085.D

Acq: 26 Jun 2022 23:08

Instrument :

BNA_G

ClientSampleId :

HR-01-062322

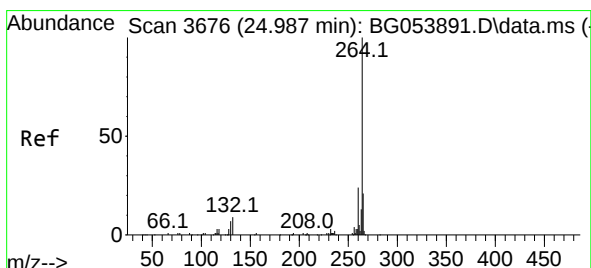
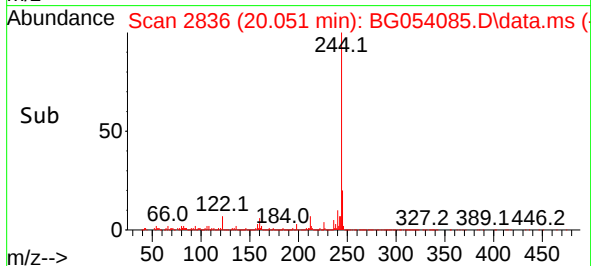
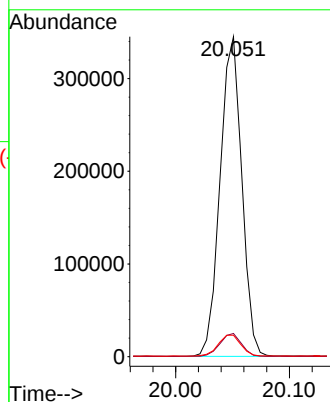
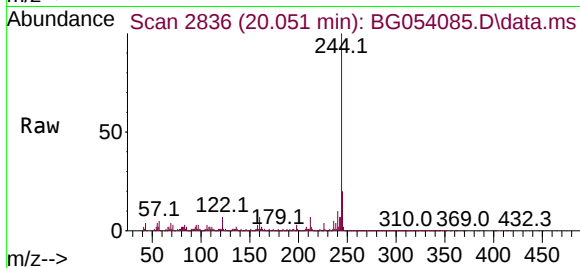
Tgt Ion:244 Resp: 457402

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 6.7 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3675

Delta R.T. 0.018 min

Lab File: BG054085.D

Acq: 26 Jun 2022 23:08

Tgt Ion:264 Resp: 187812

Ion Ratio Lower Upper

264 100

260 25.5 19.0 28.6

265 22.3 17.4 26.2

