

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054592.D
 Acq On : 10 Aug 2022 17:29
 Operator : CG/JU
 Sample : N3972-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPN-8

Quant Time: Aug 10 18:04:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

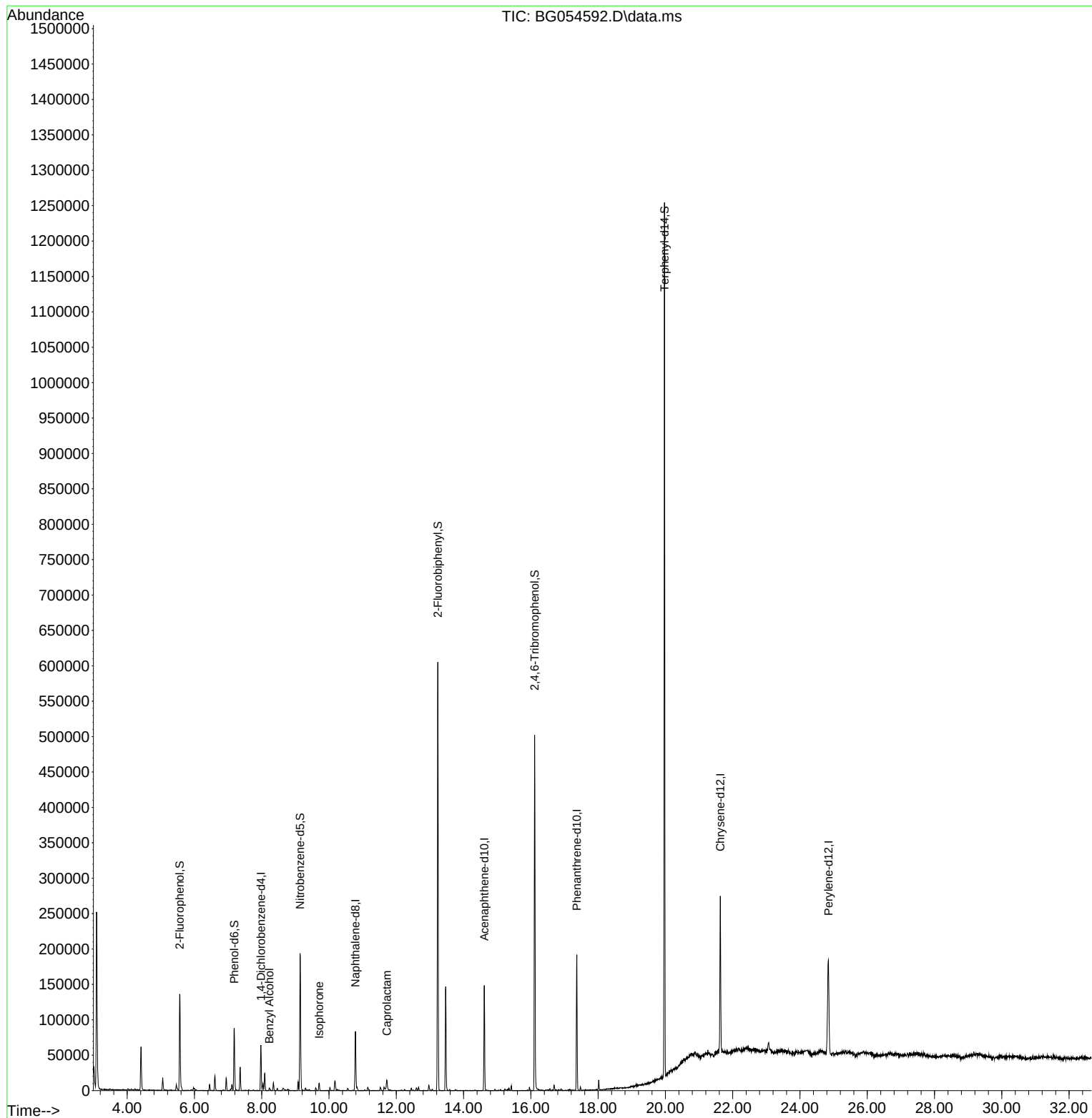
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	20367	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	76320	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	55883	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	138197	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	153386	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	166040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	65087	66.723	ng	0.00
7) Phenol-d6	7.183	99	52855	39.543	ng	0.00
23) Nitrobenzene-d5	9.139	82	119931	85.575	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	137165	116.902	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	338715	85.504	ng	0.00
79) Terphenyl-d14	19.974	244	688625	89.063	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.229	79	2245	2.042	ng	92
25) Isophorone	9.703	82	8569	3.516	ng	# 92
35) Caprolactam	11.719	113	3266	9.010	ng	93

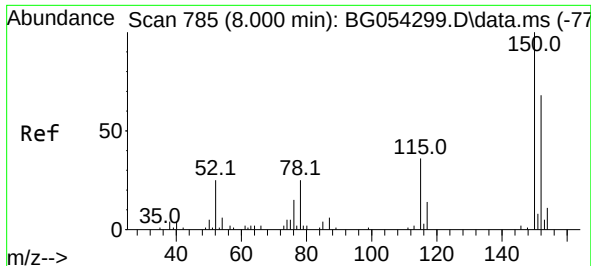
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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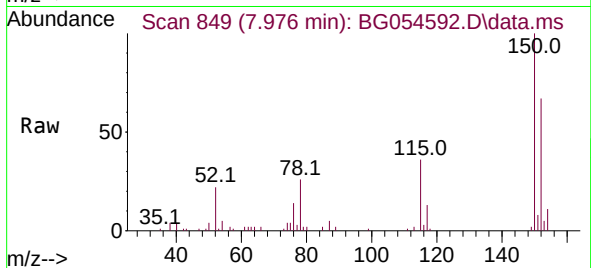
Quant Time: Aug 10 18:04:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration



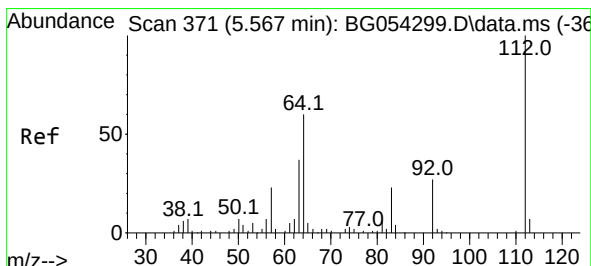
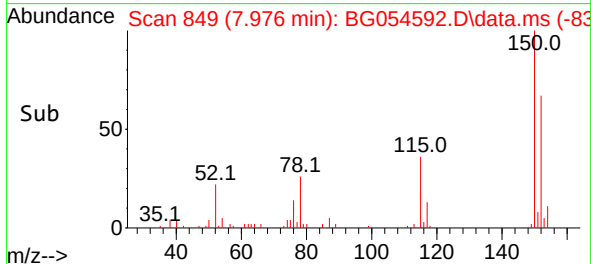
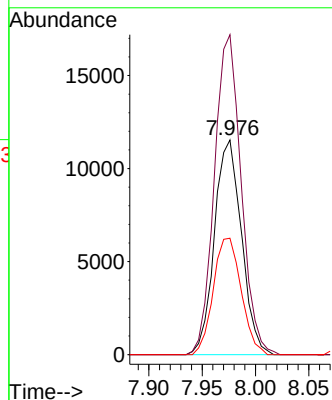


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Instrument :
BNA_G
ClientSampleId :
SPN-8

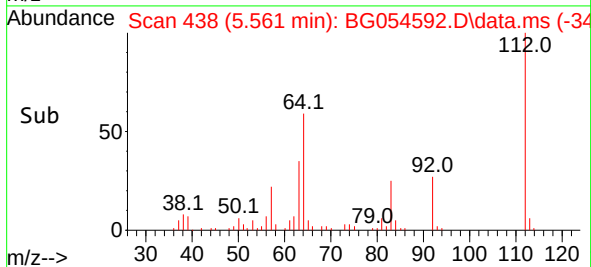
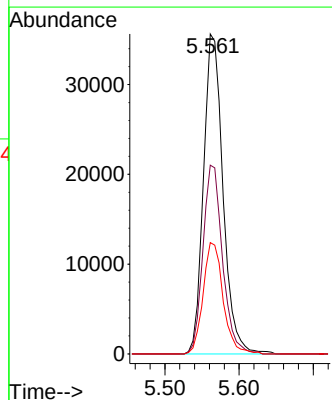
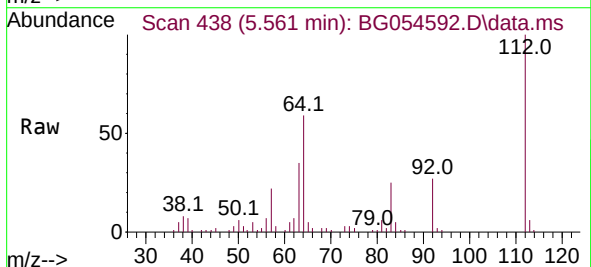


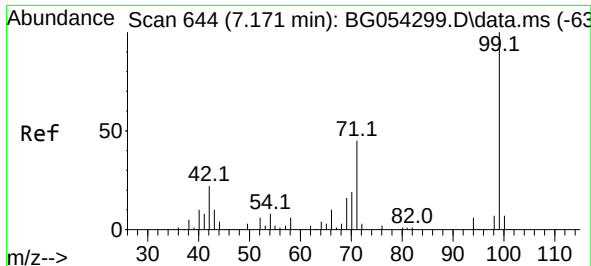
Tgt Ion:152 Resp: 20367
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 54.2 50.9 76.3



#5
2-Fluorophenol
Concen: 66.723 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:112 Resp: 65087
Ion Ratio Lower Upper
112 100
64 59.0 55.1 82.7
63 34.8 30.4 45.6

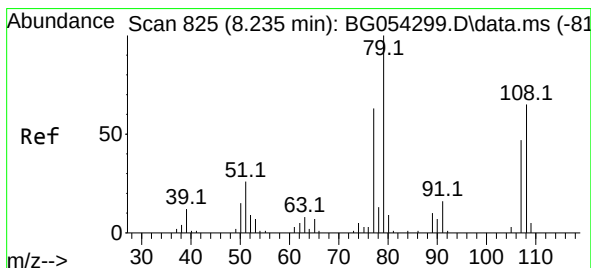
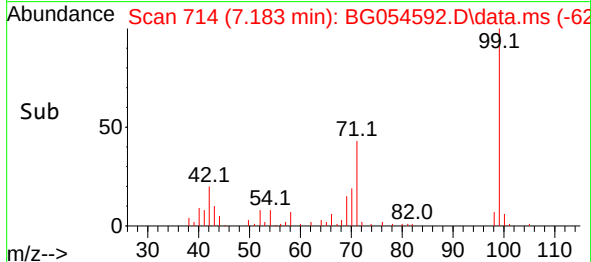
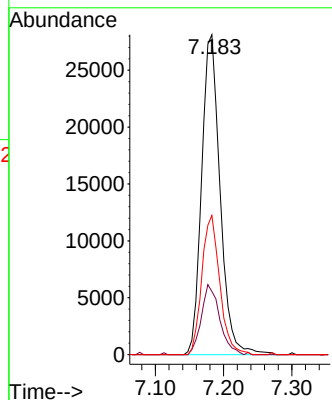
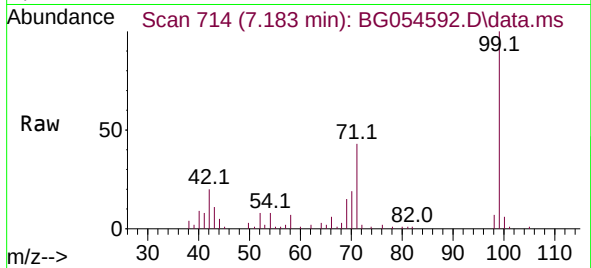




#7
Phenol-d6
Concen: 39.543 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

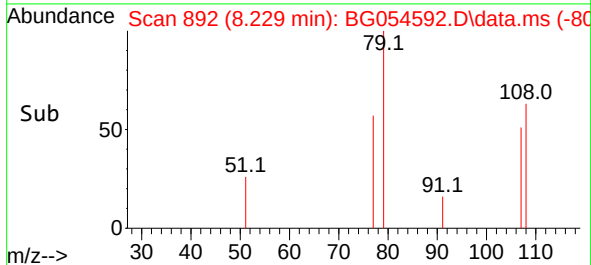
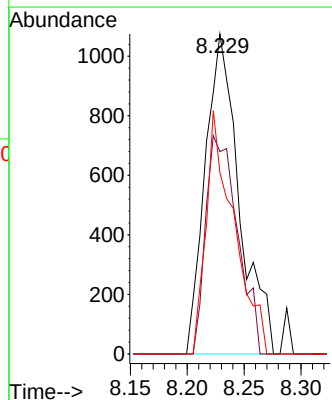
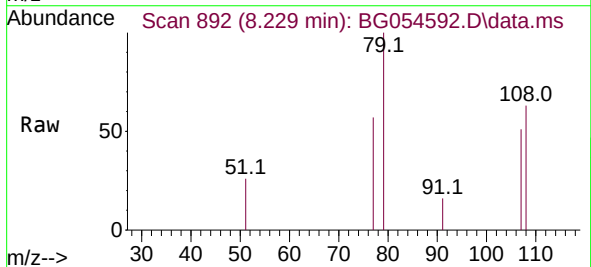
Instrument :
BNA_G
ClientSampleId :
SPN-8

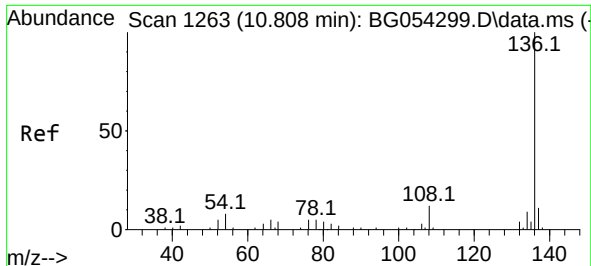
Tgt Ion: 99 Resp: 52855
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 43.5 33.8 50.8



#15
Benzyl Alcohol
Concen: 2.042 ng
RT: 8.229 min Scan# 892
Delta R.T. 0.004 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 79 Resp: 2245
Ion Ratio Lower Upper
79 100
108 63.3 53.7 80.5
77 56.7 52.2 78.4

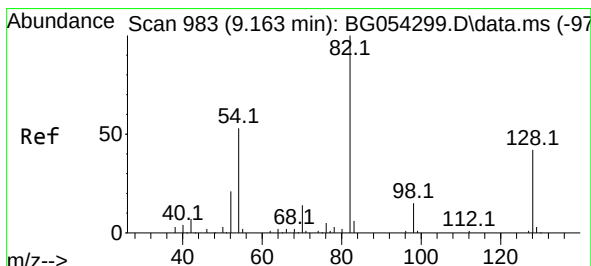
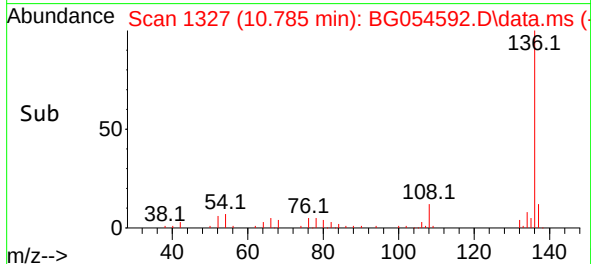
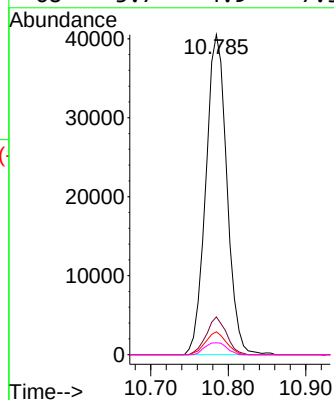
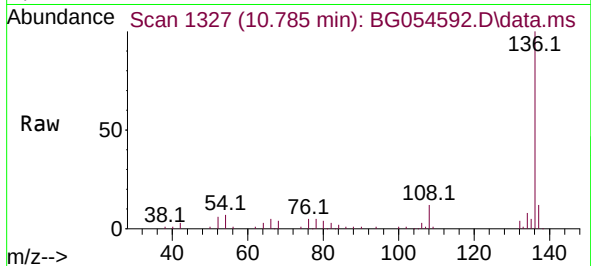




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

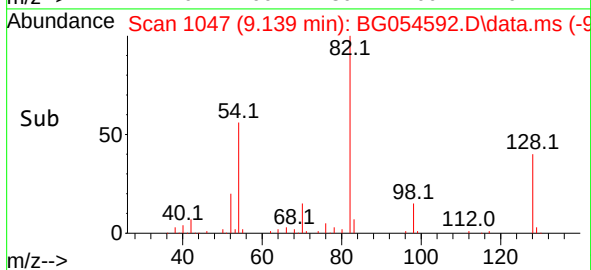
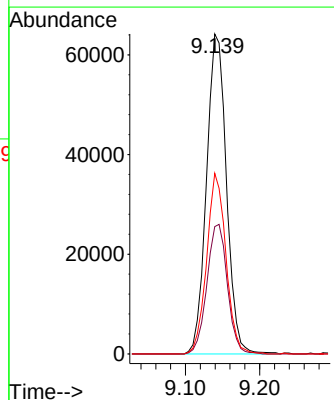
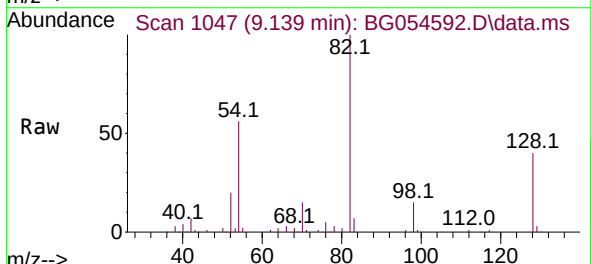
Instrument :
BNA_G
ClientSampleId :
SPN-8

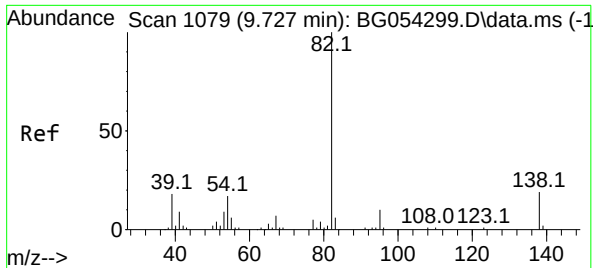
Tgt Ion:	136	Resp:	76320
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	7.1	7.4	11.2#
68	3.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 85.575 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:	82	Resp:	119931
Ion Ratio	Lower	Upper	
82	100		
128	39.8	27.9	41.9
54	56.4	41.2	61.8

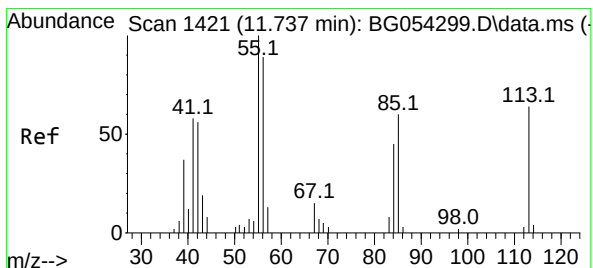
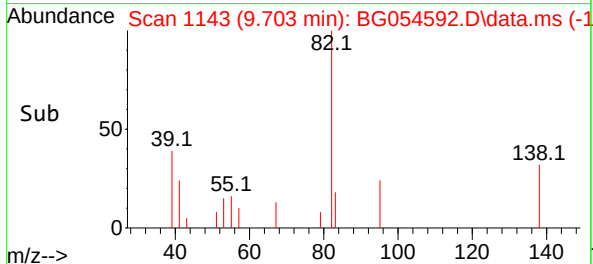
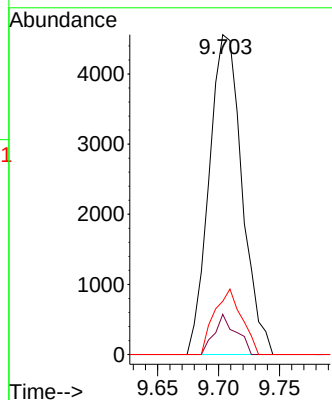
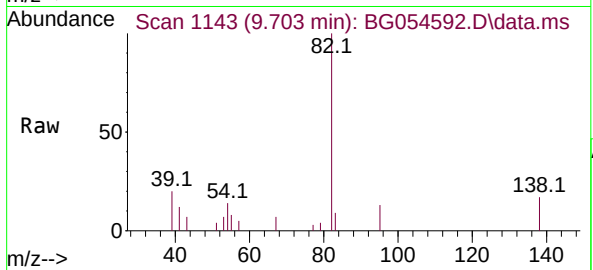




#25
Isophorone
Concen: 3.516 ng
RT: 9.703 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

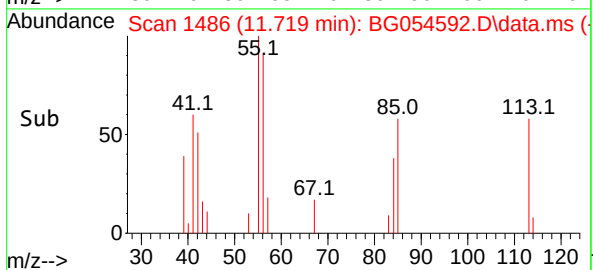
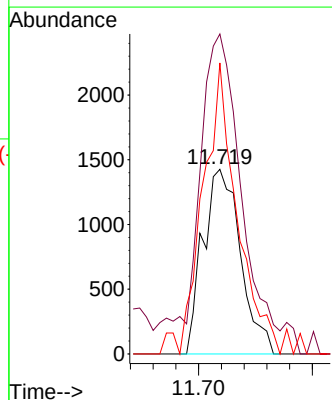
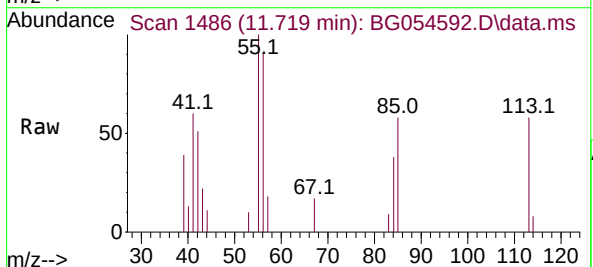
Instrument :
BNA_G
ClientSampleId :
SPN-8

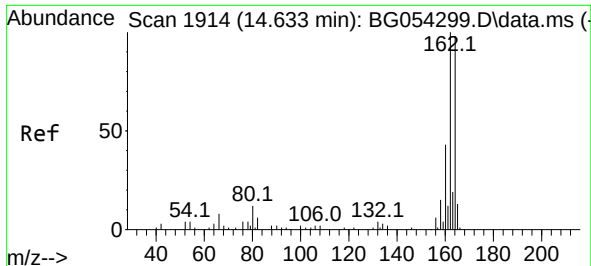
Tgt Ion: 82 Resp: 8569
Ion Ratio Lower Upper
82 100
95 12.6 6.2 9.4#
138 16.7 11.6 17.4



#35
Caprolactam
Concen: 9.010 ng
RT: 11.719 min Scan# 1486
Delta R.T. -0.008 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion: 113 Resp: 3266
Ion Ratio Lower Upper
113 100
55 173.3 169.8 209.8
56 157.6 141.2 181.2

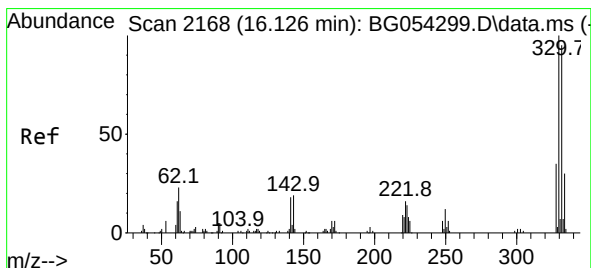
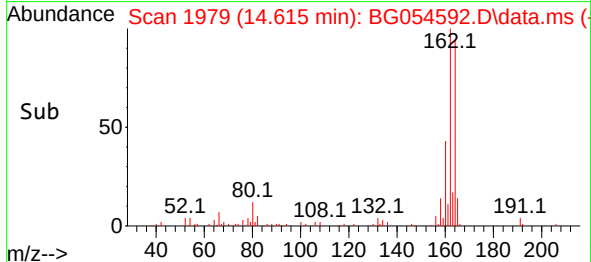
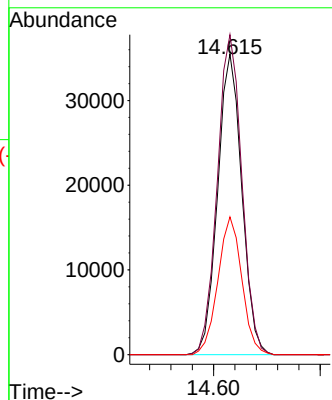
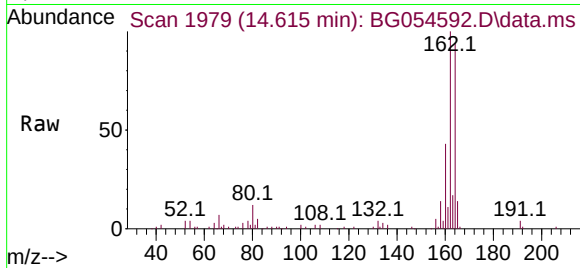




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1914
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

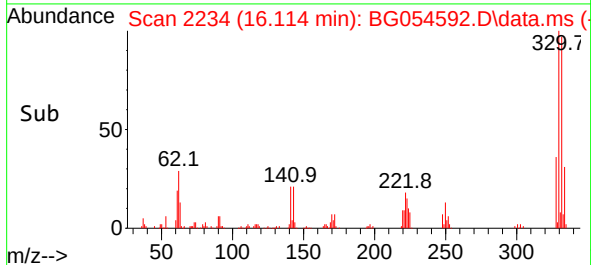
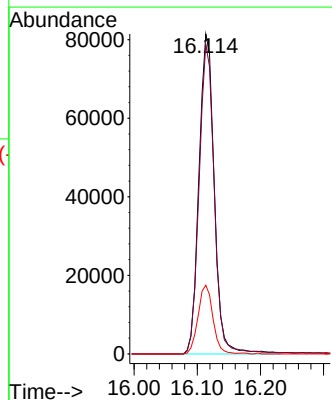
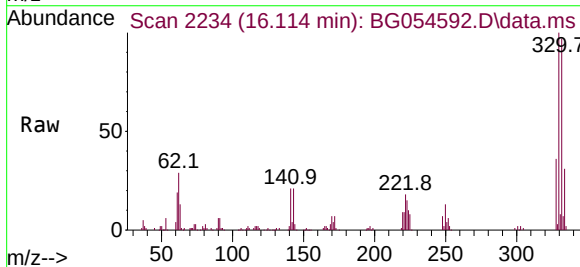
Instrument :
BNA_G
ClientSampleId :
SPN-8

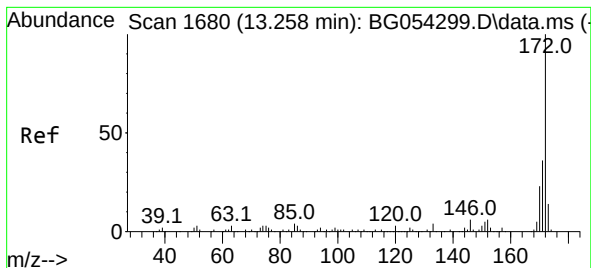
Tgt Ion:164 Resp: 55883
Ion Ratio Lower Upper
164 100
162 106.4 82.3 123.5
160 45.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 116.902 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.002 min
Lab File: BG054592.D
Acq: 10 Aug 2022 17:29

Tgt Ion:330 Resp: 137165
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 20.8 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 85.504 ng

RT: 13.235 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054592.D

Acq: 10 Aug 2022 17:29

Instrument :

BNA_G

ClientSampleId :

SPN-8

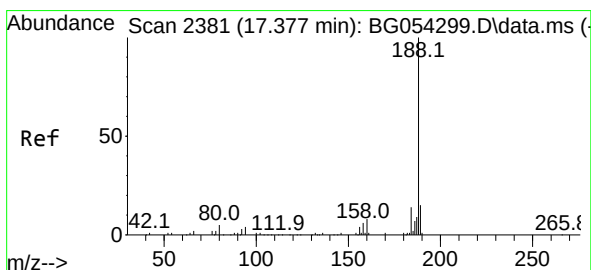
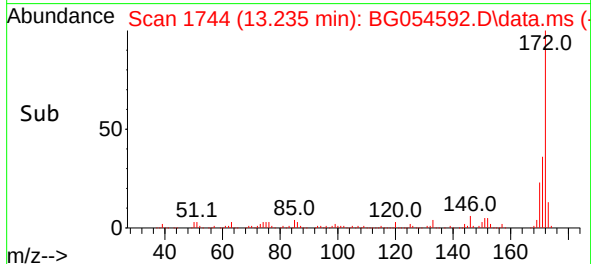
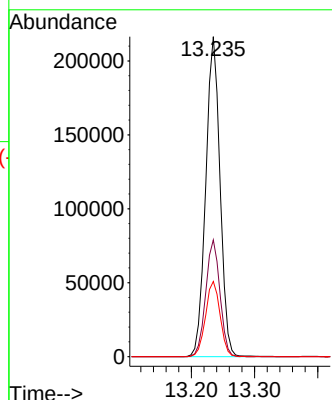
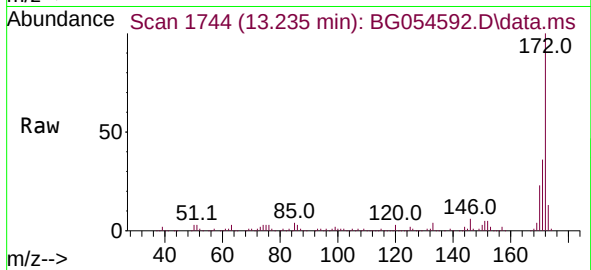
Tgt Ion:172 Resp: 338715

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 23.5 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.365 min Scan# 2447

Delta R.T. 0.004 min

Lab File: BG054592.D

Acq: 10 Aug 2022 17:29

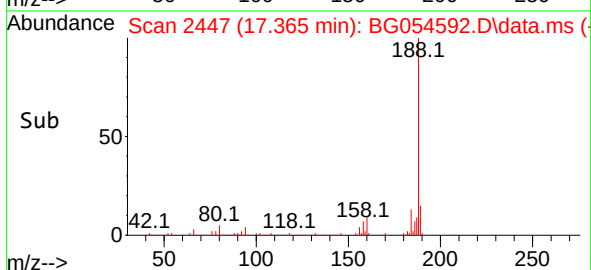
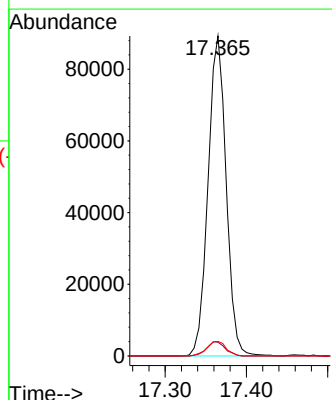
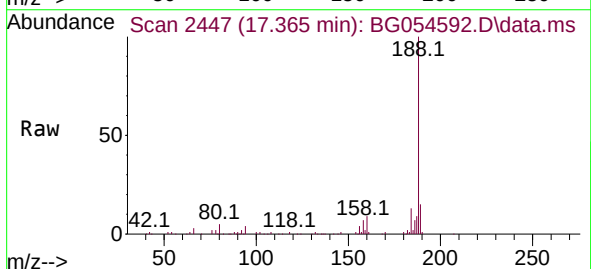
Tgt Ion:188 Resp: 138197

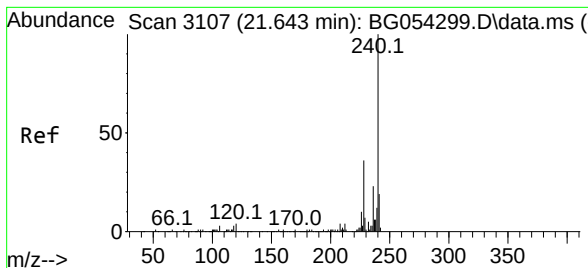
Ion Ratio Lower Upper

188 100

94 4.3 5.4 8.0#

80 4.5 6.8 10.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.631 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG054592.D

Acq: 10 Aug 2022 17:29

Instrument :

BNA_G

ClientSampleId :

SPN-8

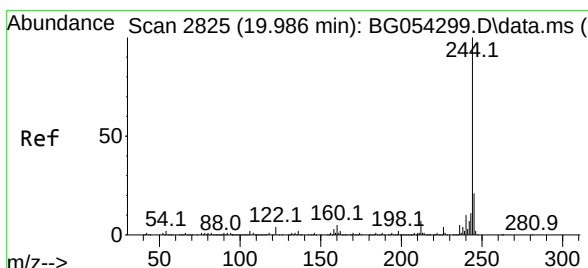
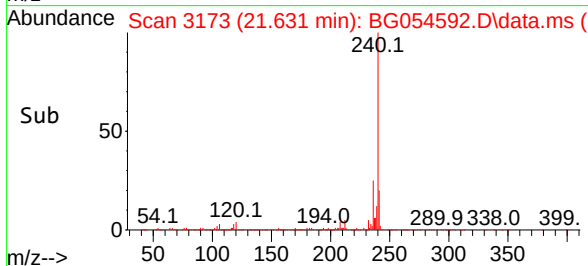
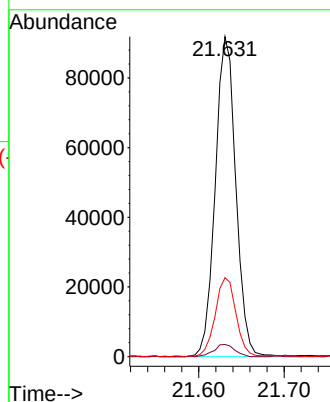
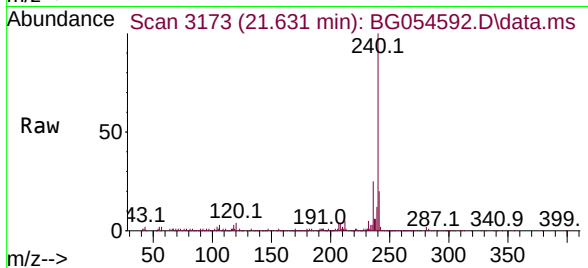
Tgt Ion:240 Resp: 153386

Ion Ratio Lower Upper

240 100

120 3.8 4.6 7.0#

236 24.7 20.2 30.4



#79

Terphenyl-d14

Concen: 89.063 ng

RT: 19.974 min Scan# 2891

Delta R.T. 0.004 min

Lab File: BG054592.D

Acq: 10 Aug 2022 17:29

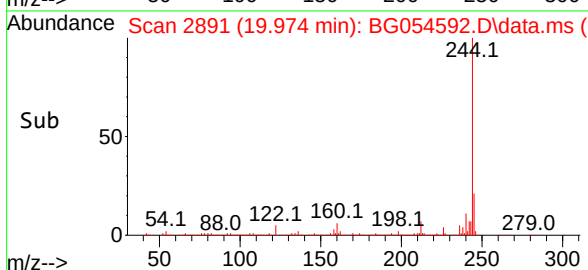
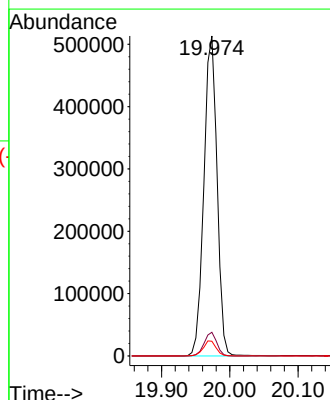
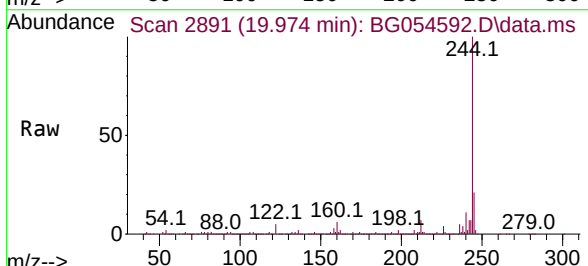
Tgt Ion:244 Resp: 688625

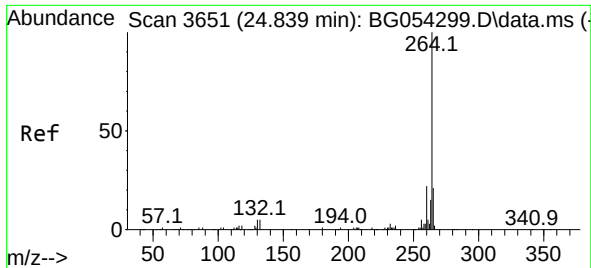
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 4.6 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.845 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: BG054592.D
 Acq: 10 Aug 2022 17:29

Instrument :
 BNA_G
 ClientSampleId :
 SPN-8

Tgt Ion:264 Resp: 166040
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.0 17.4 26.2

