

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054588.D
 Acq On : 10 Aug 2022 14:45
 Operator : CG/JU
 Sample : N4117-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080322-A

Quant Time: Aug 10 15:20:32 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)

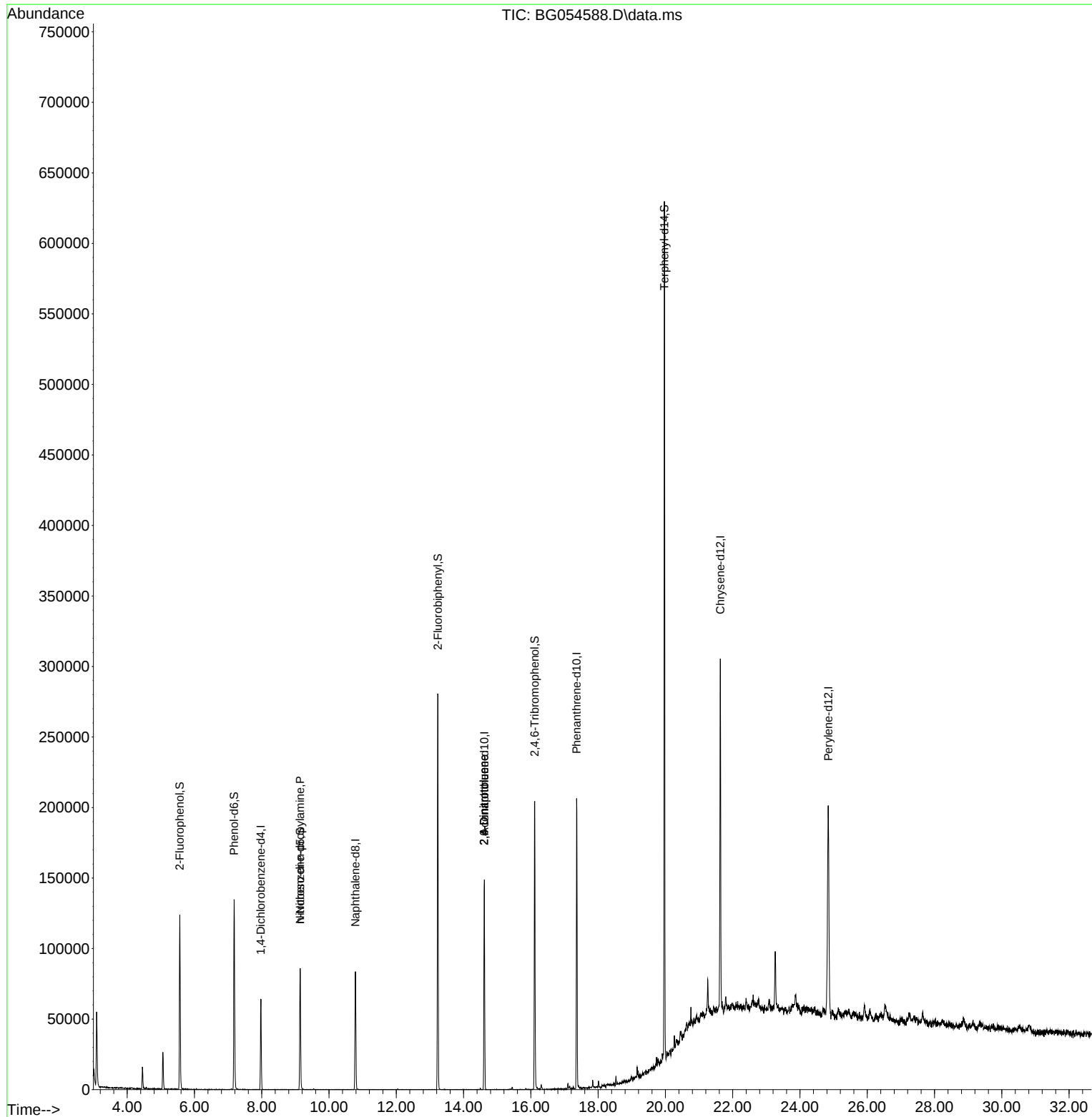
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	20763	20.000	ng	0.00
21) Naphthalene-d8	10.785	136	80957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	59815	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	146955	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	167301	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	177230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	57894	58.217	ng	0.00
7) Phenol-d6	7.178	99	79053	58.014	ng	0.00
23) Nitrobenzene-d5	9.140	82	54894	36.925	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	59036	47.007	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	166393	39.243	ng	0.00
79) Terphenyl-d14	19.969	244	347702	41.229	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.178	77	69	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.140	70	7639	8.395 ng	#	85
51) 2,6-Dinitrotoluene	14.610	165	8057	7.862 ng	#	16
57) 2,4-Dinitrotoluene	14.610	165	8057	5.484 ng	#	21

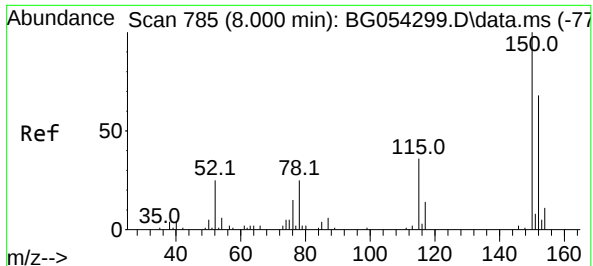
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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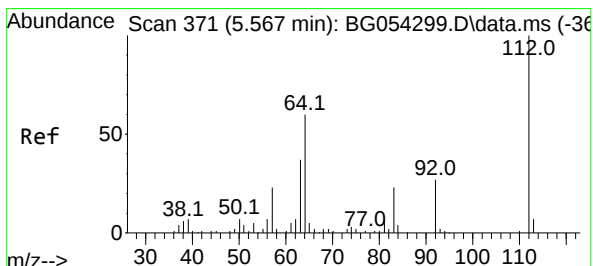
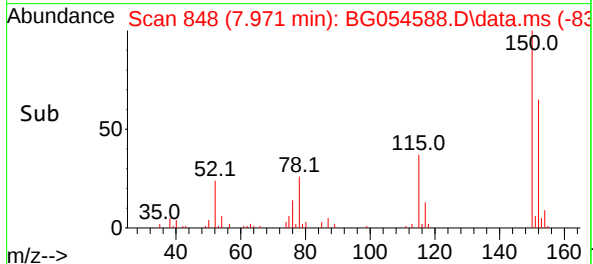
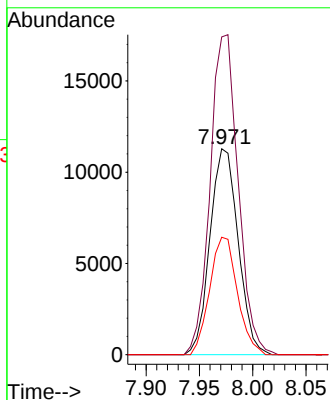
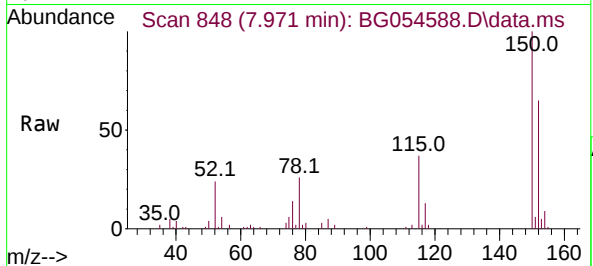




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

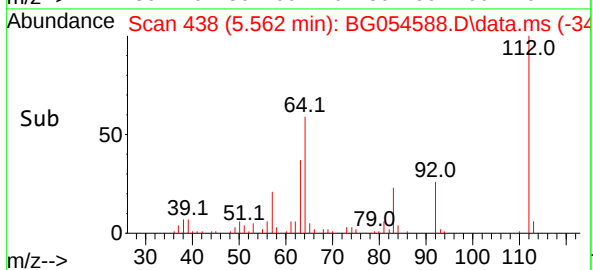
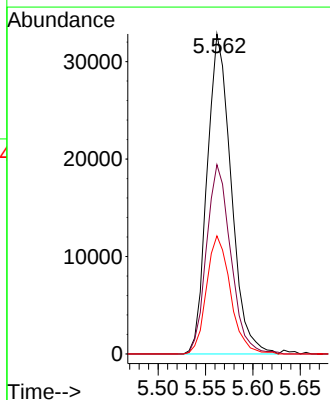
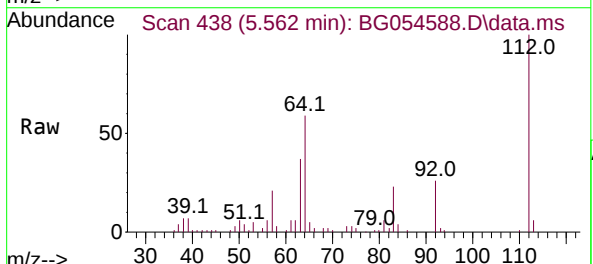
Instrument :
BNA_G
ClientSampleId :
080322-A

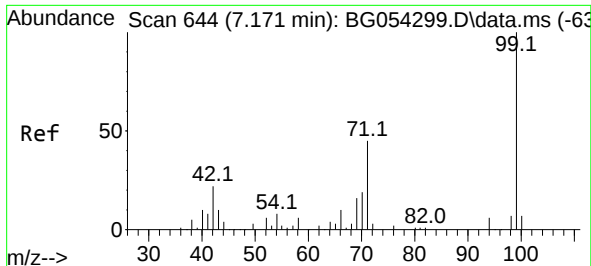
Tgt Ion:152 Resp: 20763
Ion Ratio Lower Upper
152 100
150 154.3 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 58.217 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion:112 Resp: 57894
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 36.9 30.4 45.6

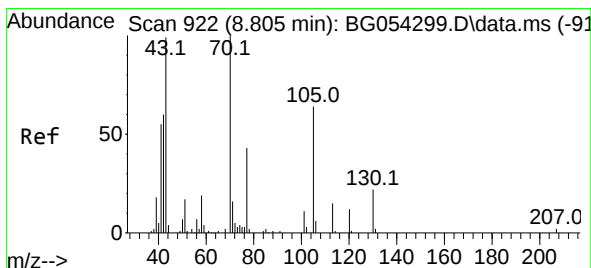
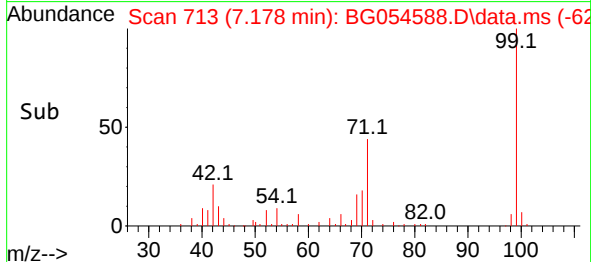
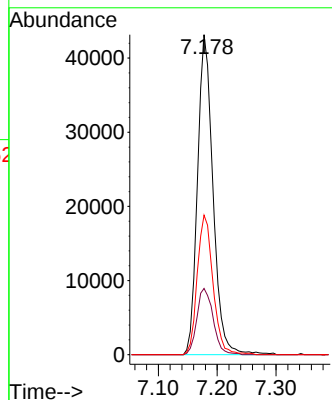
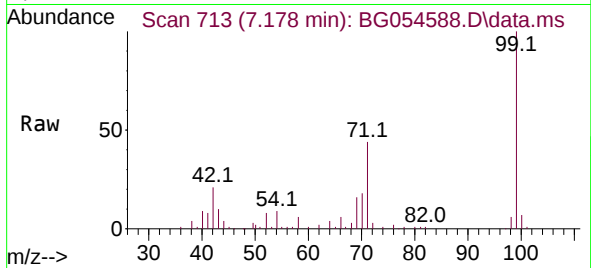




#7
Phenol-d6
Concen: 58.014 ng
RT: 7.178 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

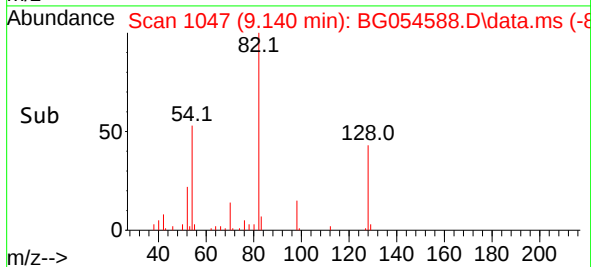
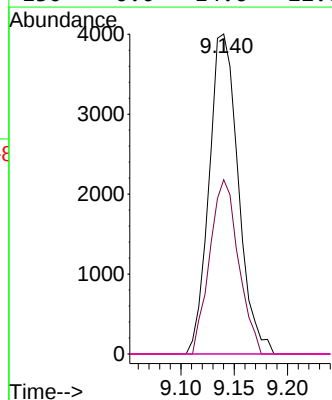
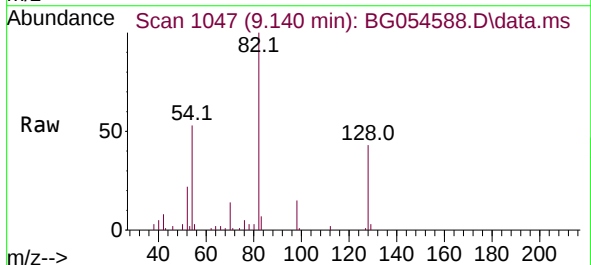
Instrument :
BNA_G
ClientSampleId :
080322-A

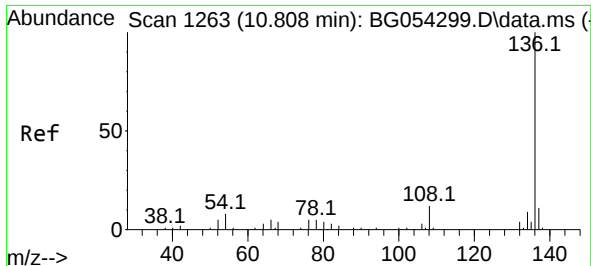
Tgt Ion: 99 Resp: 79053
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 43.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.395 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.357 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion: 70 Resp: 7639
Ion Ratio Lower Upper
70 100
42 54.5 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

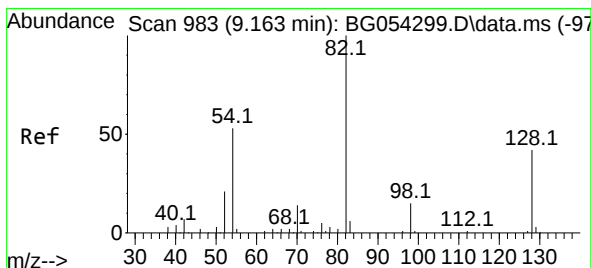
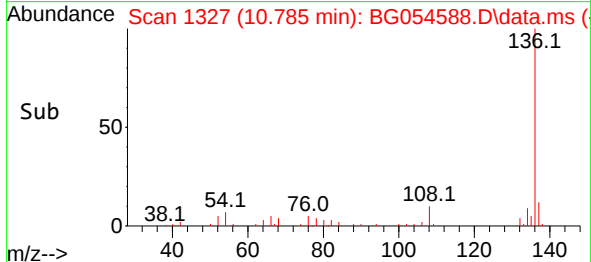
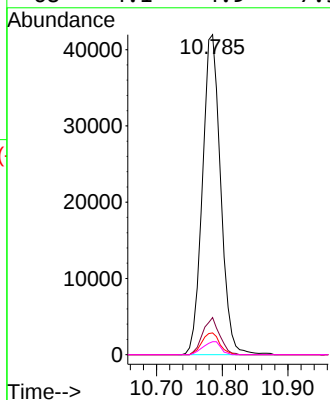
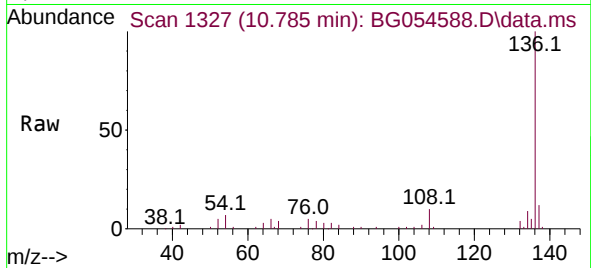




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

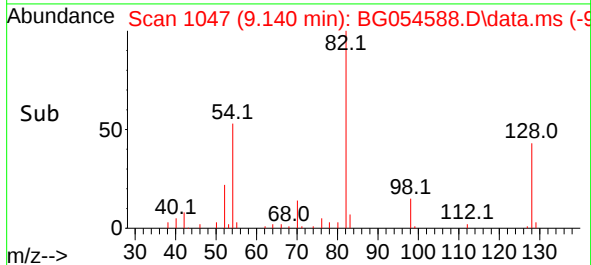
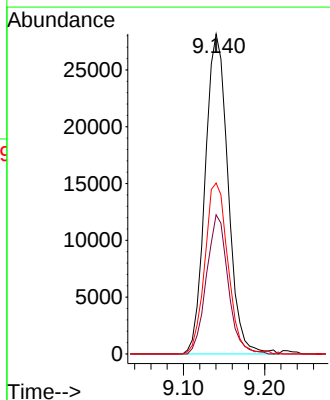
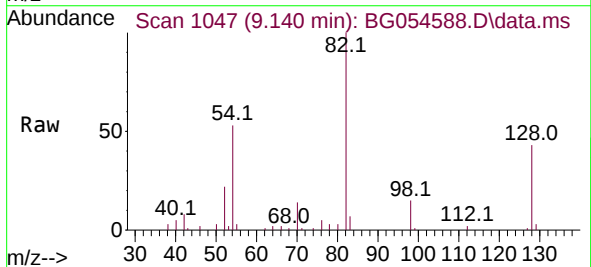
Instrument :
BNA_G
ClientSampleId :
080322-A

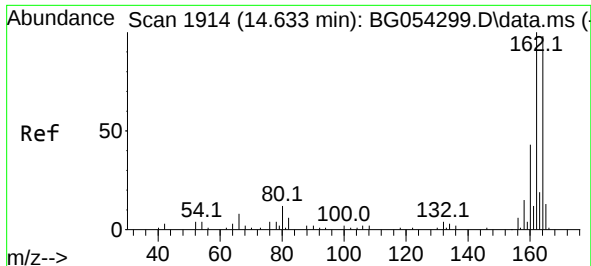
Tgt Ion:	136	Resp:	80957
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	6.8	7.4	11.2#
68	4.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 36.925 ng
RT: 9.140 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

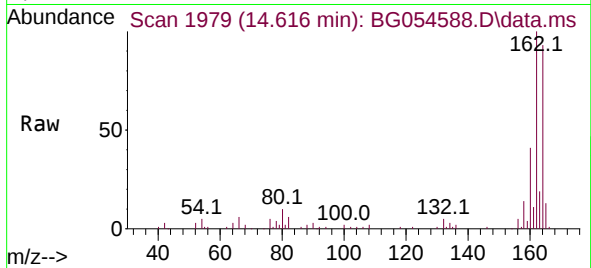
Tgt Ion:	82	Resp:	54894
Ion Ratio	Lower	Upper	
82	100		
128	43.5	27.9	41.9#
54	53.4	41.2	61.8



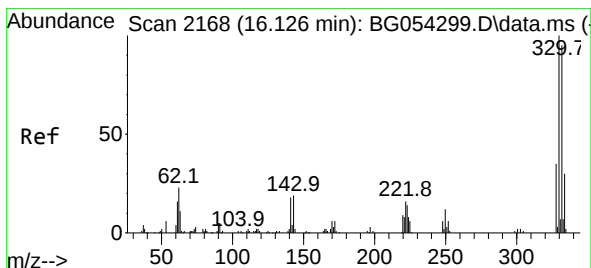
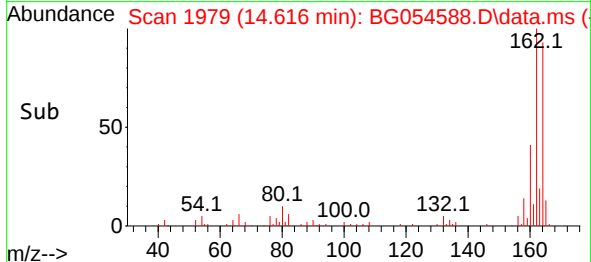
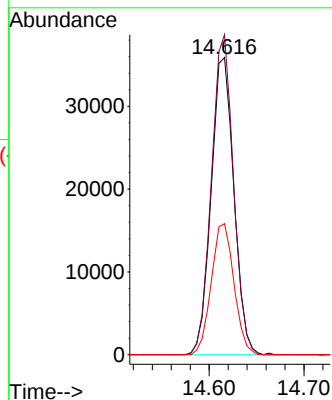


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
080322-A

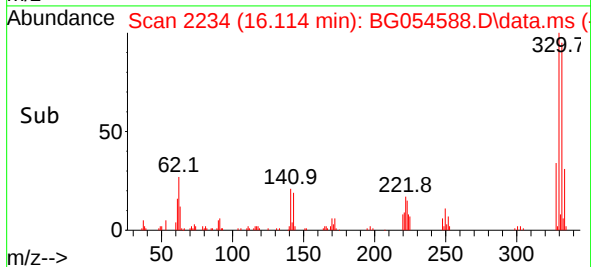
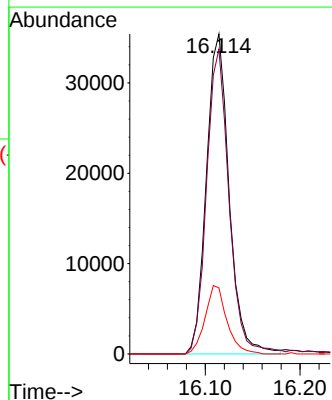
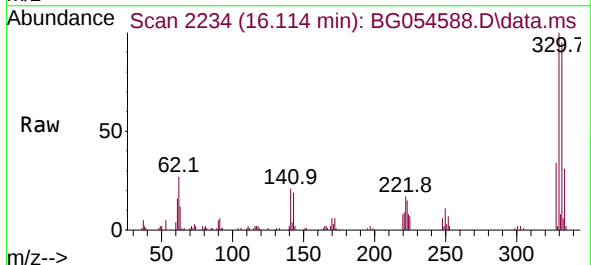


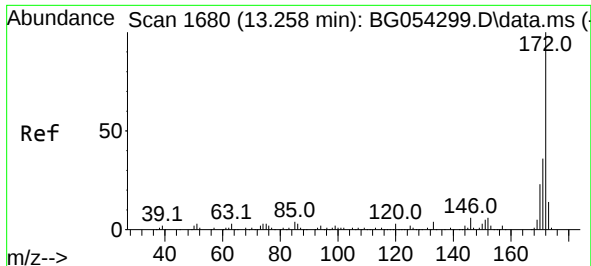
Tgt Ion:164 Resp: 59815
Ion Ratio Lower Upper
164 100
162 107.7 82.3 123.5
160 44.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 47.007 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion:330 Resp: 59036
Ion Ratio Lower Upper
330 100
332 93.9 76.0 114.0
141 20.5 27.1 40.7#

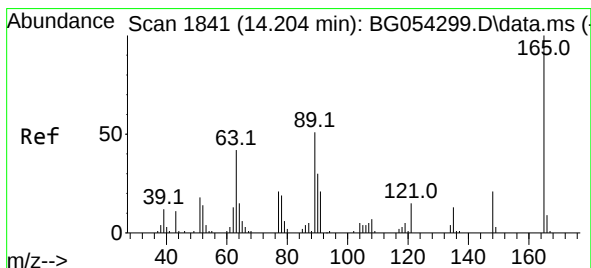
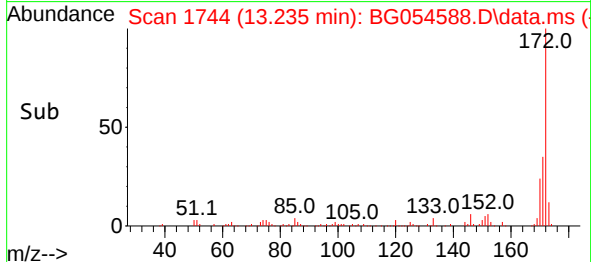
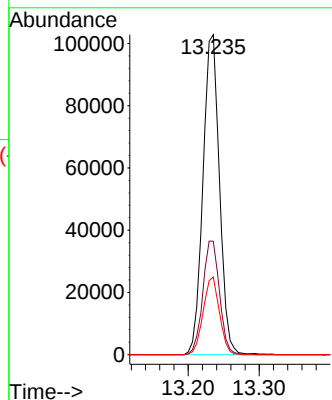
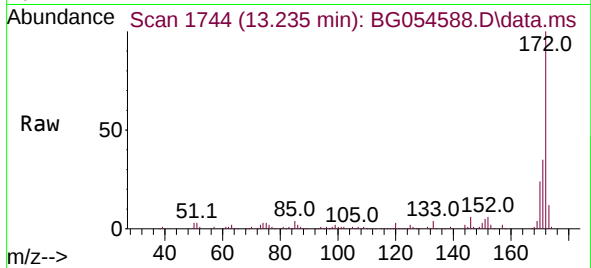




#45
2-Fluorobiphenyl
Concen: 39.243 ng
RT: 13.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

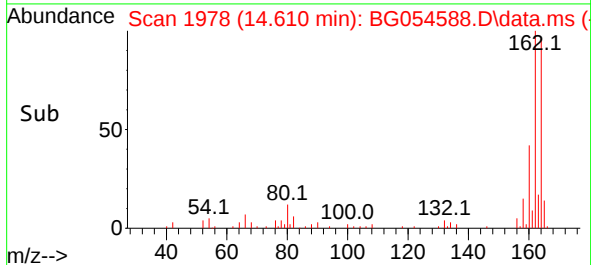
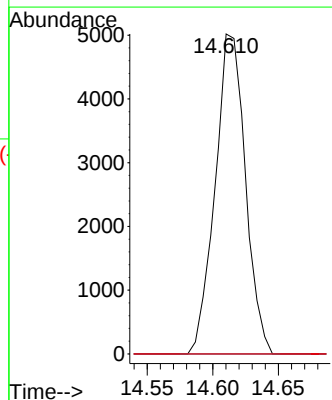
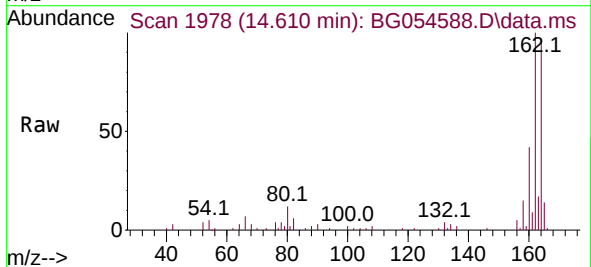
Instrument :
BNA_G
ClientSampleId :
080322-A

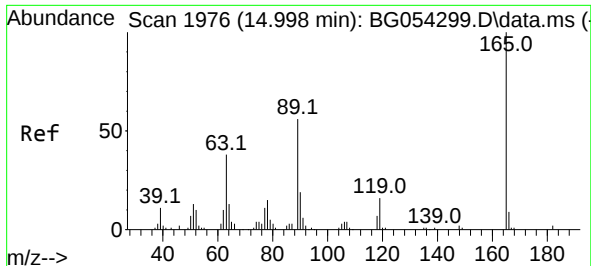
Tgt Ion:172 Resp: 166393
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.862 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.416 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Tgt Ion:165 Resp: 8057
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: 5.484 ng

RT: 14.610 min Scan# 14

Delta R.T. -0.383 min

Lab File: BG054588.D

Acq: 10 Aug 2022 14:45

Instrument :

BNA_G

ClientSampleId :

080322-A

Tgt Ion:165 Resp: 8057

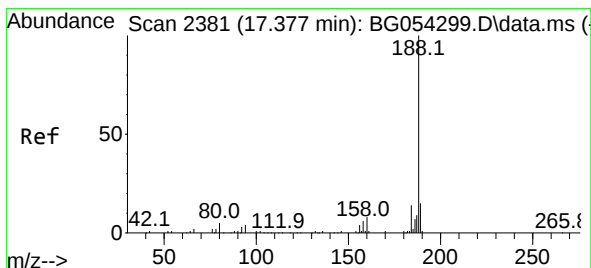
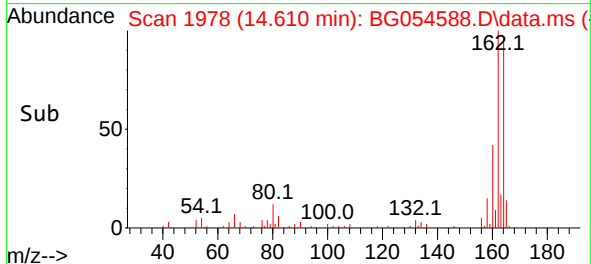
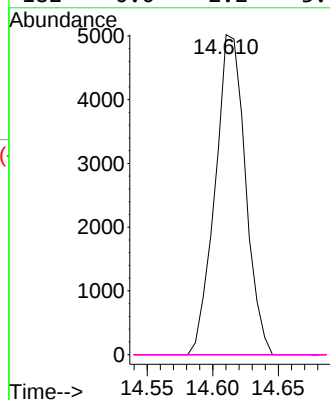
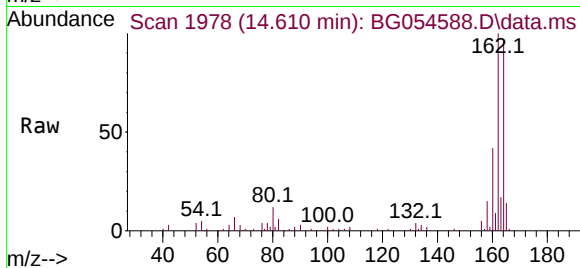
Ion Ratio Lower Upper

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: 17.360 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG054588.D

Acq: 10 Aug 2022 14:45

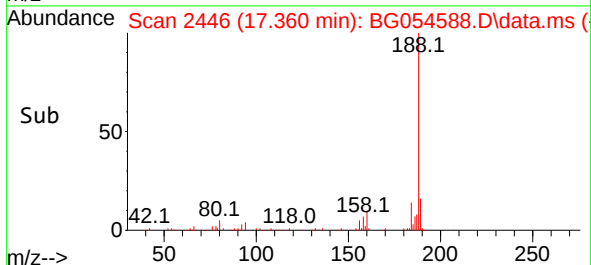
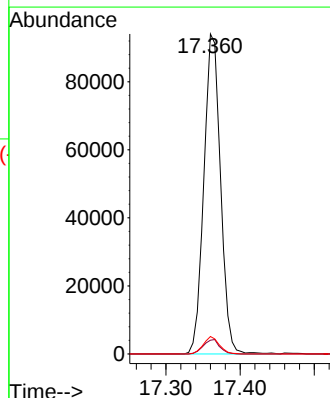
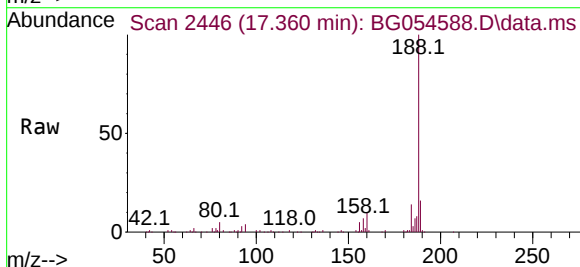
Tgt Ion:188 Resp: 146955

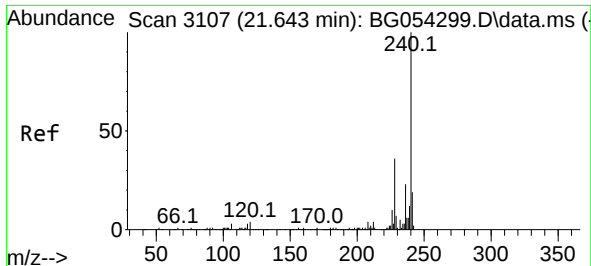
Ion Ratio Lower Upper

188 100

94 4.3 5.4 8.0#

80 5.4 6.8 10.2#

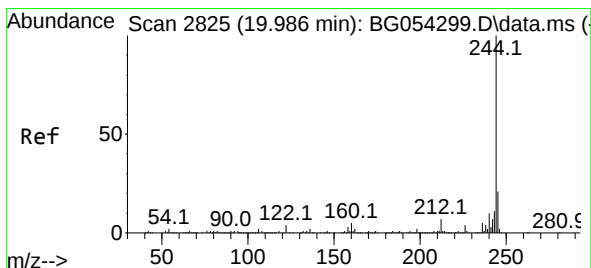
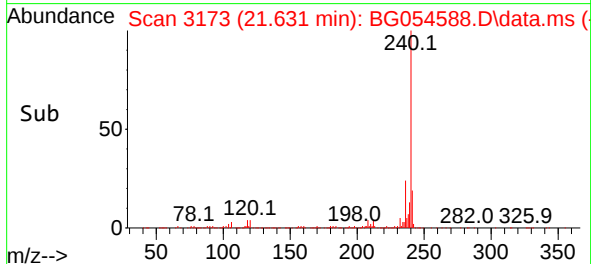
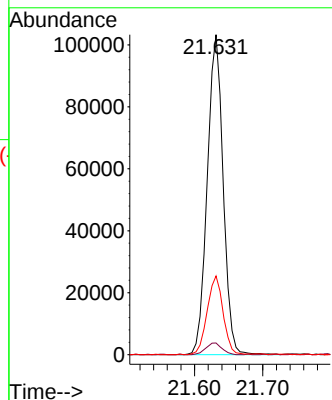
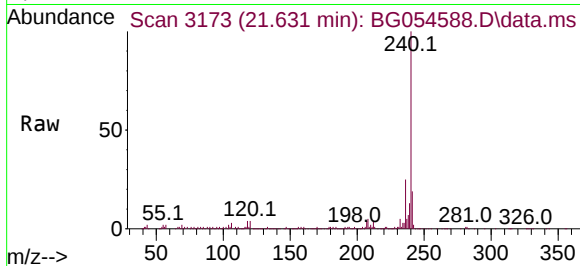




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

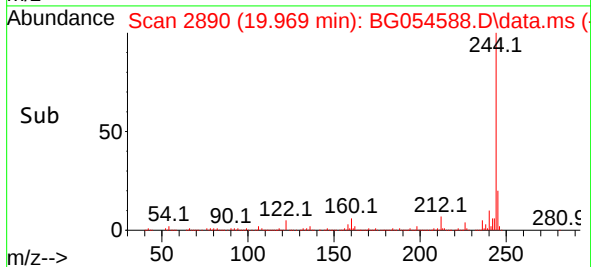
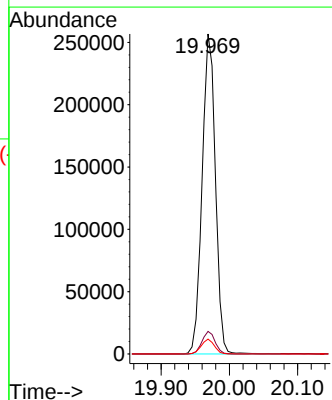
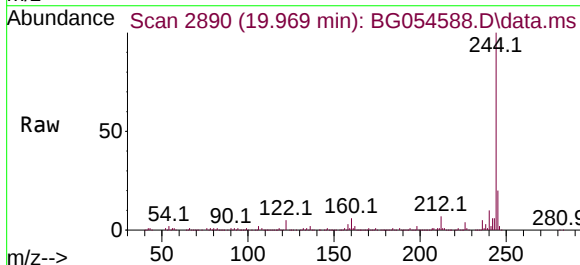
Instrument :
BNA_G
ClientSampleId :
080322-A

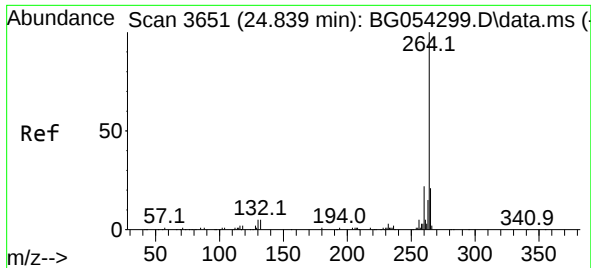
Tgt Ion:240 Resp: 167301
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.6 20.2 30.4



#79
Terphenyl-d14
Concen: 41.229 ng
RT: 19.969 min Scan# 2890
Delta R.T. -0.001 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

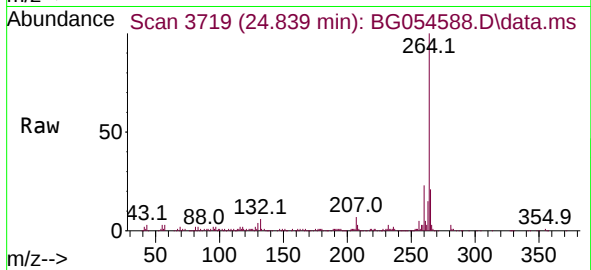
Tgt Ion:244 Resp: 347702
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.6 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG054588.D
Acq: 10 Aug 2022 14:45

Instrument :
BNA_G
ClientSampleId :
080322-A



Tgt Ion:264 Resp: 177230

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	20.7	17.4	26.2

