

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054887.D
 Acq On : 8 Sep 2022 17:11
 Operator : CG/JU
 Sample : N4537-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Quant Time: Sep 09 02:50:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

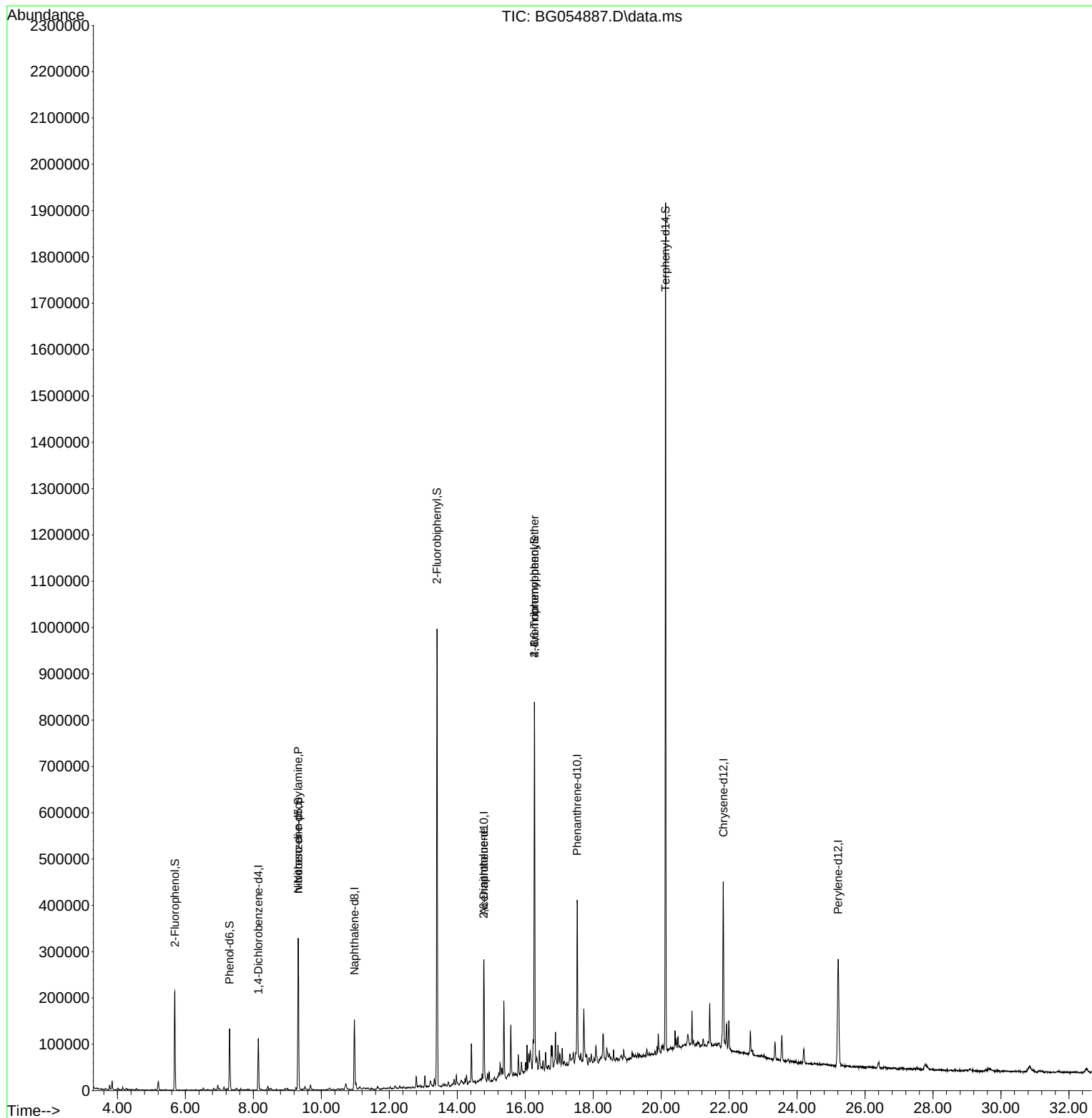
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	34476	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	140806	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	98192	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	236060	20.000	ng	0.00
76) Chrysene-d12	21.830	240	232548	20.000	ng	0.00
86) Perylene-d12	25.209	264	244528	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	107122	54.107	ng	0.00
7) Phenol-d6	7.300	99	88725	32.769	ng	0.00
23) Nitrobenzene-d5	9.322	82	215345	80.287	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	185018	150.792	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	550831	84.315	ng	0.00
79) Terphenyl-d14	20.132	244	947438	80.725	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.322	70	26992	14.497	ng	# 78
51) 2,6-Dinitrotoluene	14.780	165	13033	8.423	ng	# 24
67) 4-Bromophenyl-phenylether	16.272	248	11570	4.464	ng	# 1

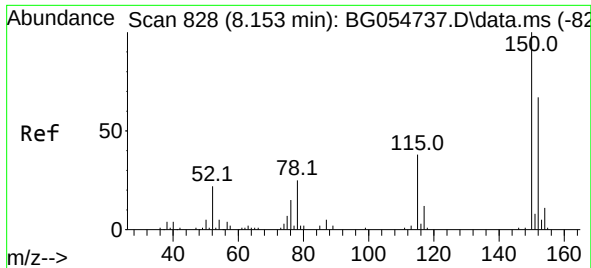
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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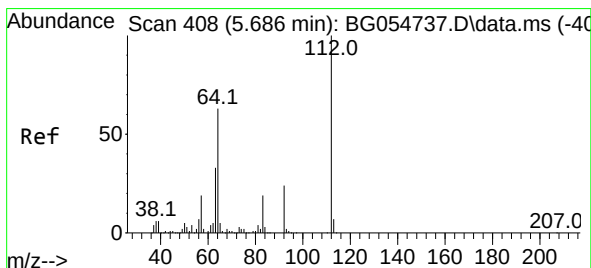
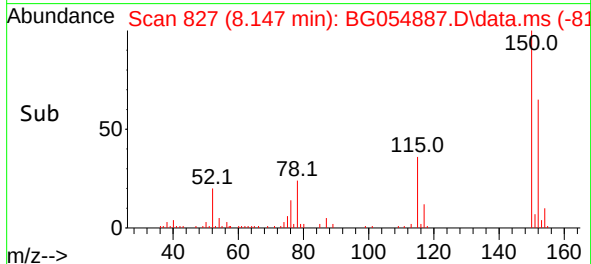
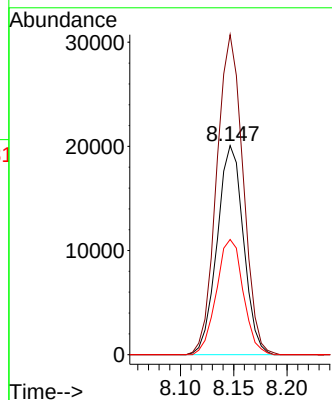
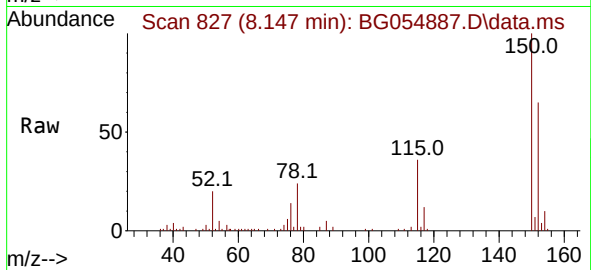




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

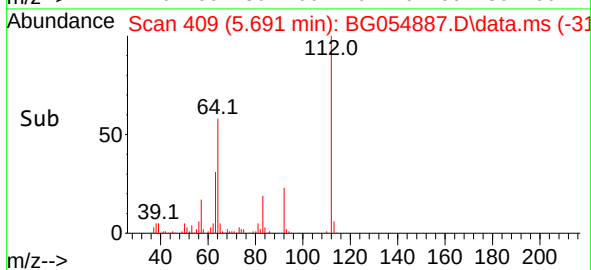
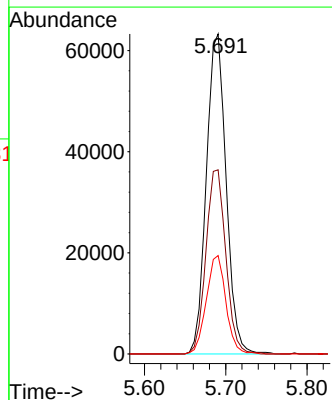
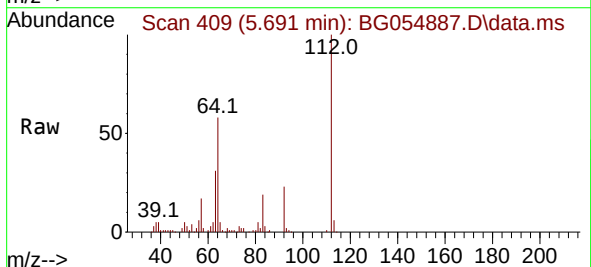
Instrument :
BNA_G
ClientSampleId :
MW1

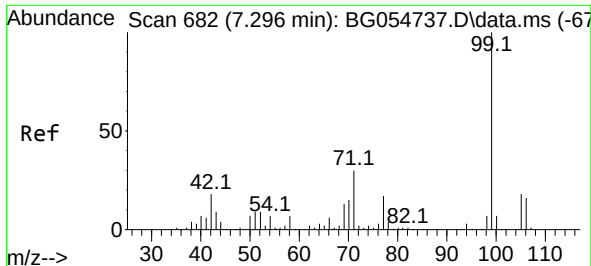
Tgt Ion:152 Resp: 34476
Ion Ratio Lower Upper
152 100
150 153.0 125.2 187.8
115 55.1 47.9 71.9



#5
2-Fluorophenol
Concen: 54.107 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Tgt Ion:112 Resp: 107122
Ion Ratio Lower Upper
112 100
64 57.6 49.3 73.9
63 30.7 26.3 39.5

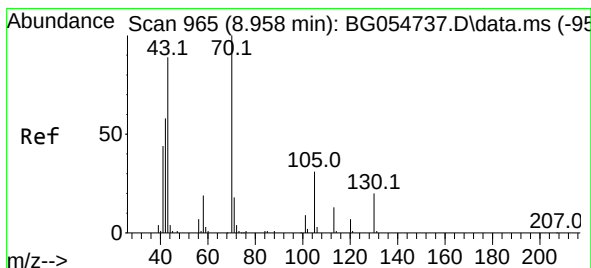
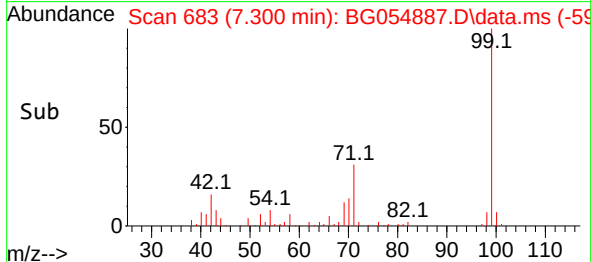
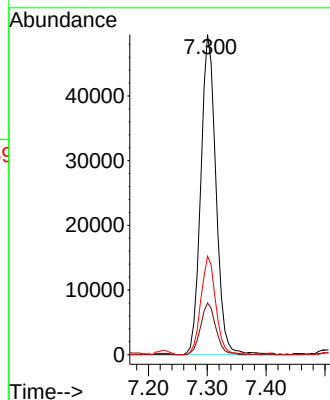
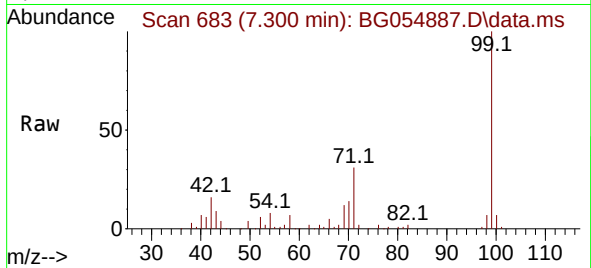




#7
Phenol-d6
Concen: 32.769 ng
RT: 7.300 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

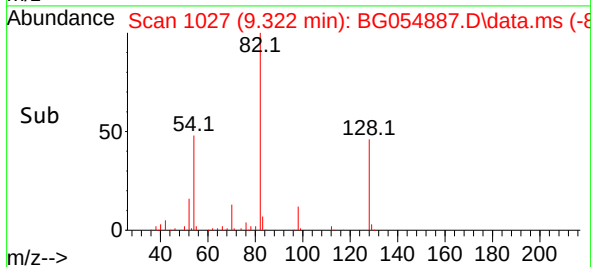
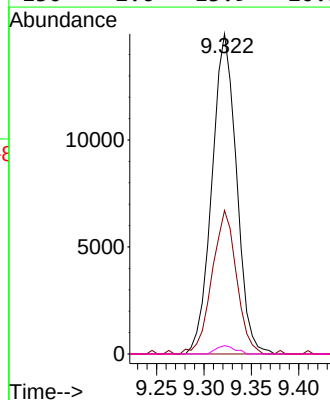
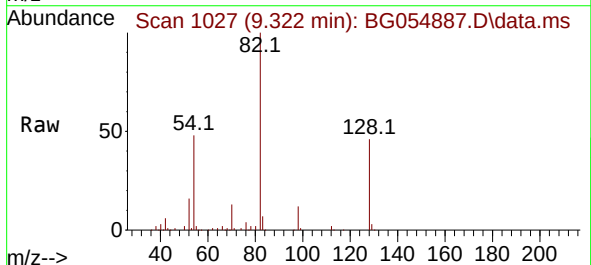
Instrument :
BNA_G
ClientSampleId :
MW1

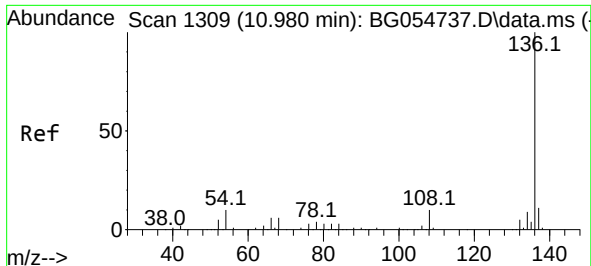
Tgt Ion: 99 Resp: 88725
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 30.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.497 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Tgt Ion: 70 Resp: 26992
Ion Ratio Lower Upper
70 100
42 44.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#

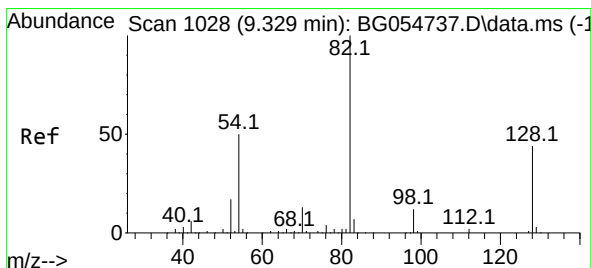
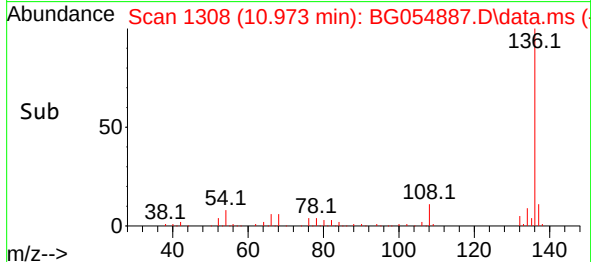
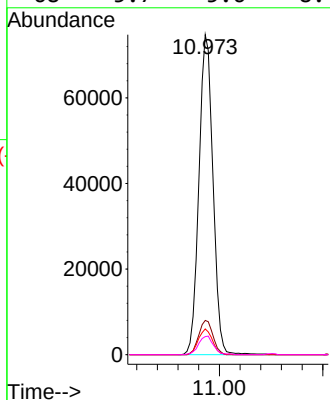
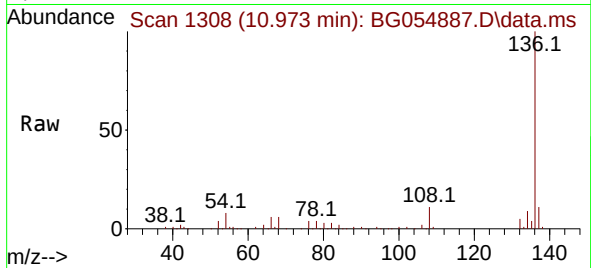




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

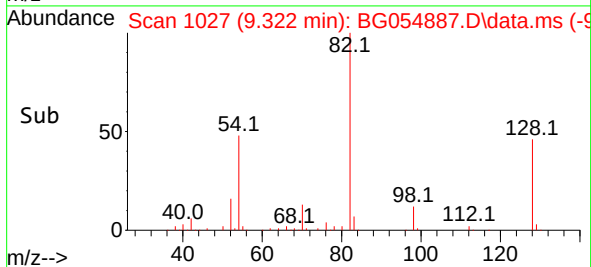
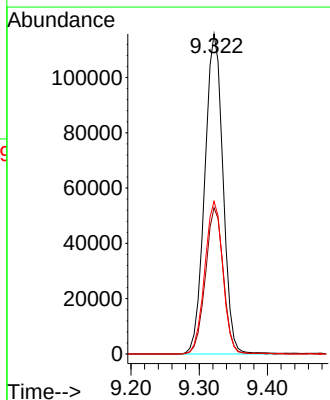
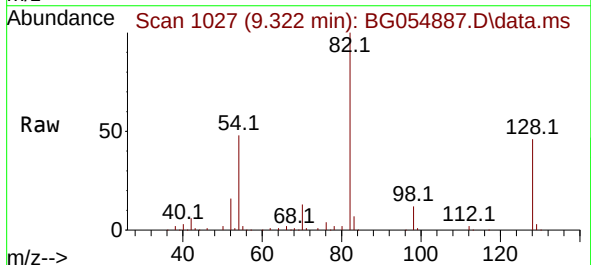
Instrument :
BNA_G
ClientSampleId :
MW1

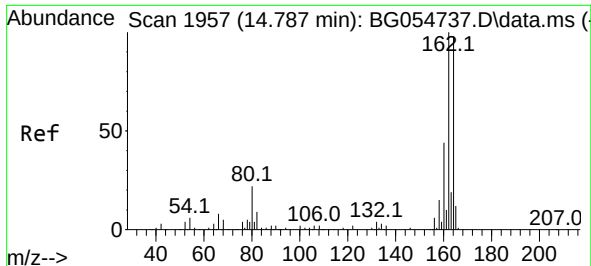
Tgt Ion:	136	Resp:	140806
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.1	7.7	11.5
68	5.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 80.287 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Tgt Ion:	82	Resp:	215345
Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.2	48.2
54	47.7	41.4	62.0

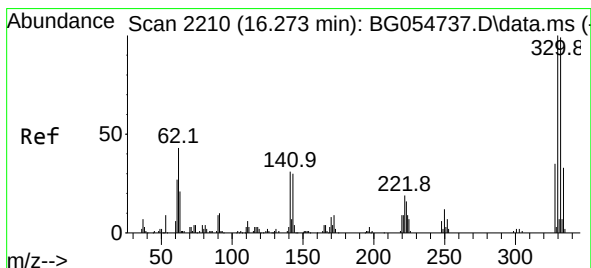
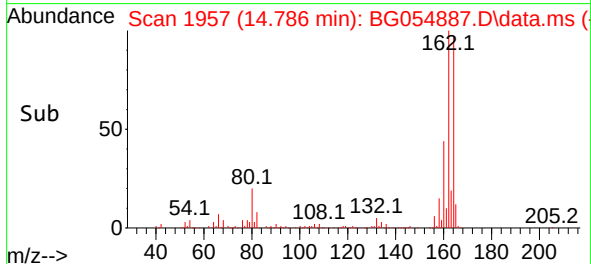
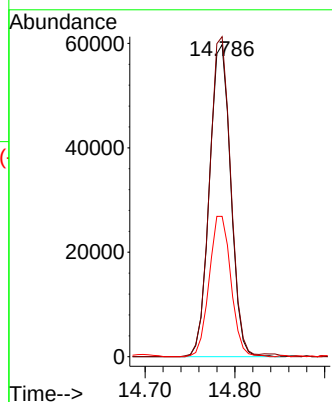
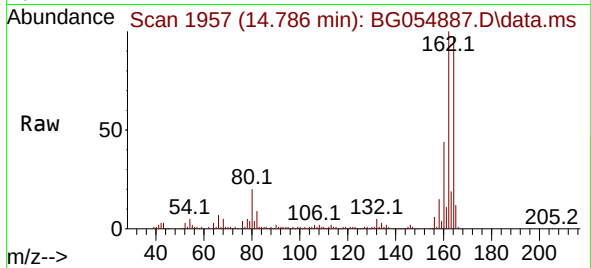




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

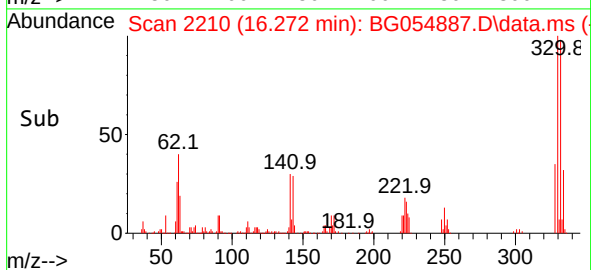
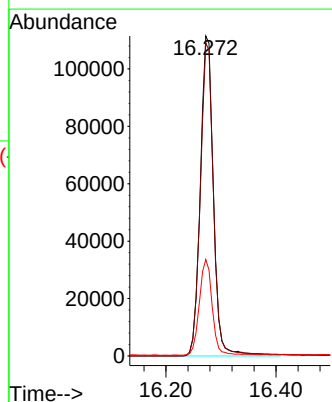
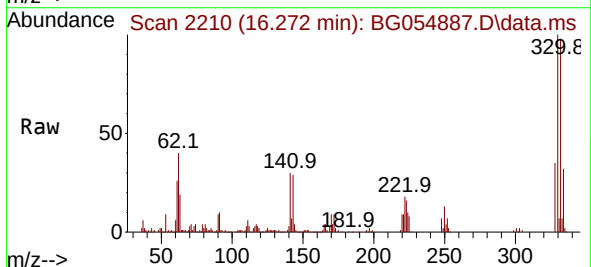
Instrument :
BNA_G
ClientSampleId :
MW1

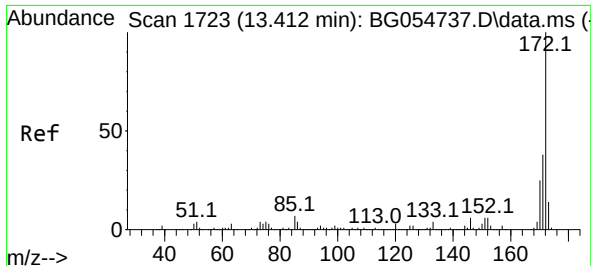
Tgt Ion:164 Resp: 98192
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 150.792 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Tgt Ion:330 Resp: 185018
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 29.7 26.8 40.2

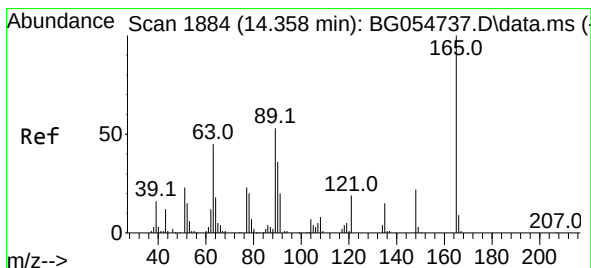
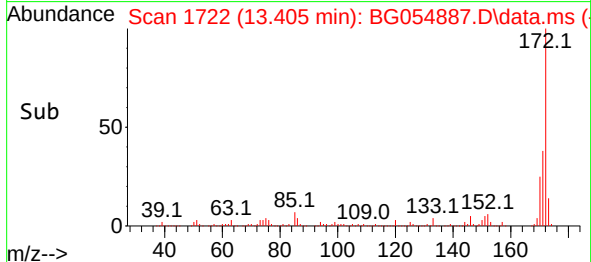
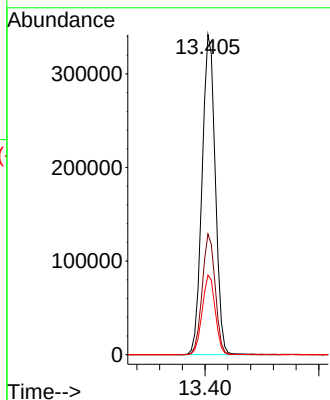
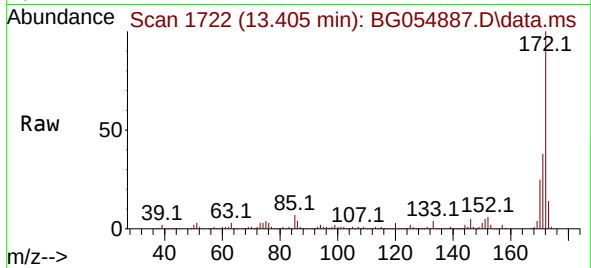




#45
2-Fluorobiphenyl
Concen: 84.315 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

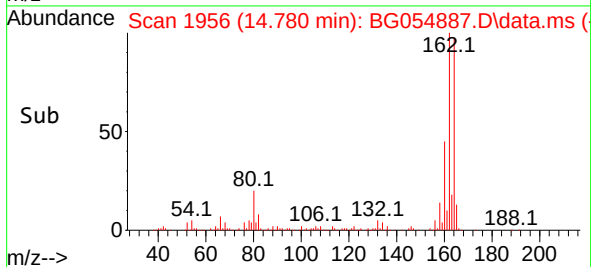
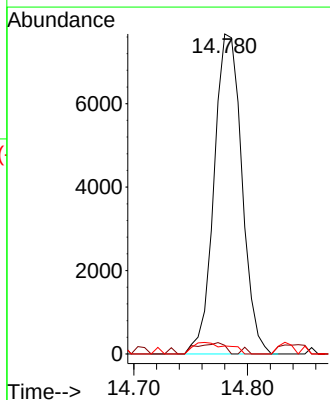
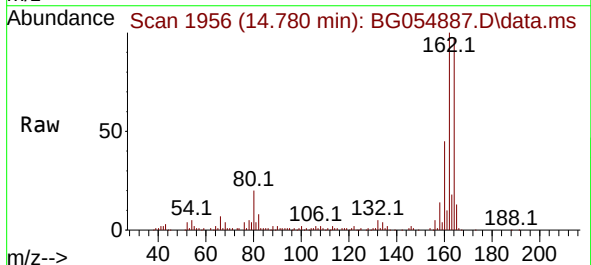
Instrument :
BNA_G
ClientSampleId :
MW1

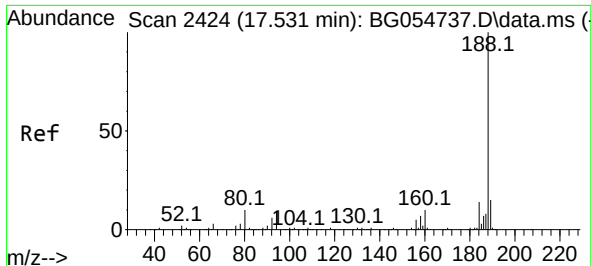
Tgt Ion:172 Resp: 550831
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.417 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Tgt Ion:165 Resp: 13033
Ion Ratio Lower Upper
165 100
63 2.7 46.0 69.0#
89 2.5 50.3 75.5#

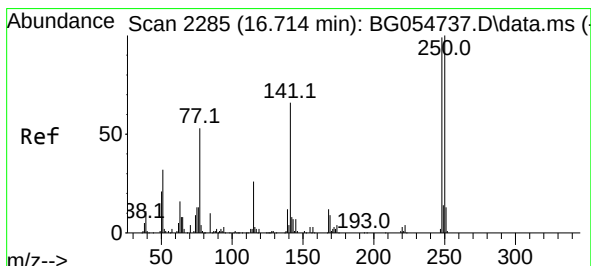
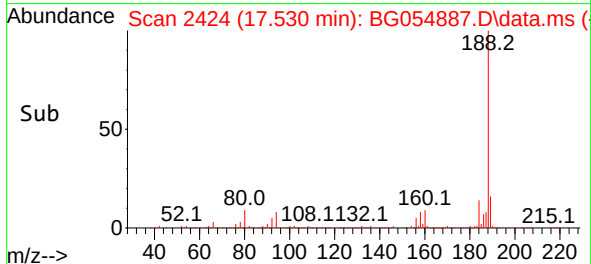
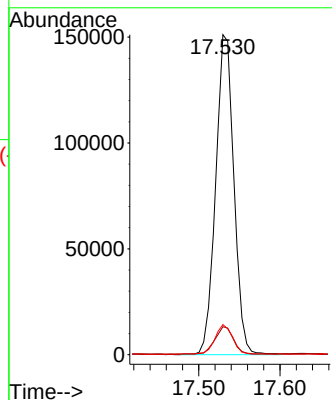
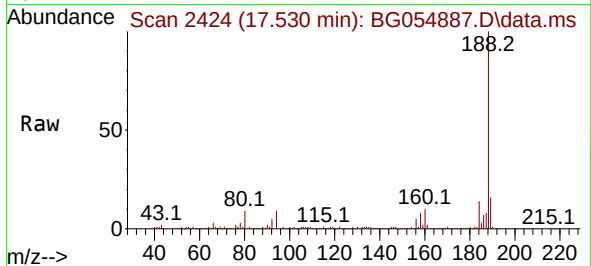




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

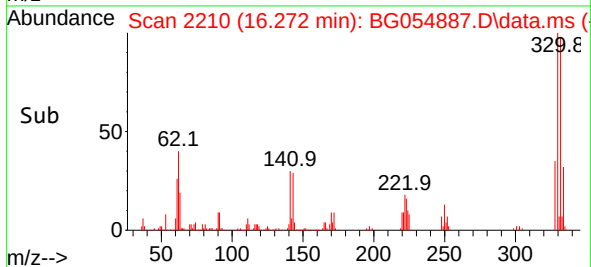
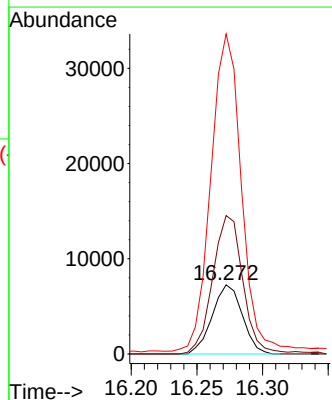
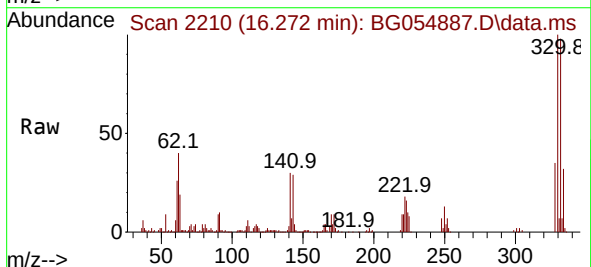
Instrument :
BNA_G
ClientSampleId :
MW1

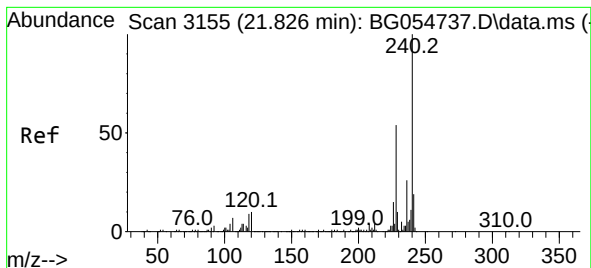
Tgt Ion:188 Resp: 236060
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.464 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.447 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Tgt Ion:248 Resp: 11570
Ion Ratio Lower Upper
248 100
250 200.2 78.8 118.2#
141 462.8 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.830 min Scan# 3155

Delta R.T. -0.006 min

Lab File: BG054887.D

Acq: 8 Sep 2022 17:11

Instrument :

BNA_G

ClientSampleId :

MW1

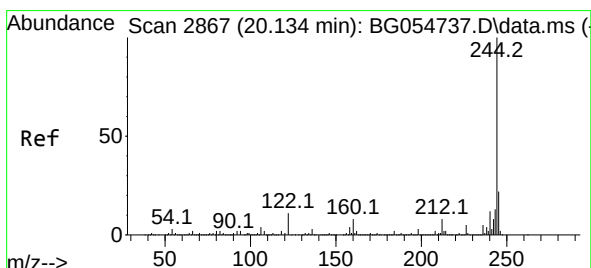
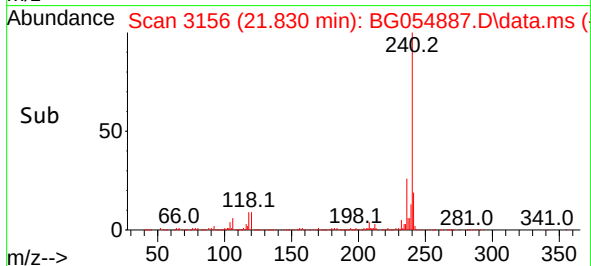
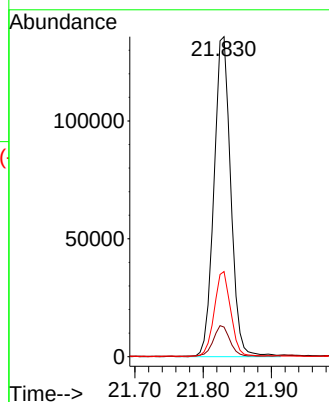
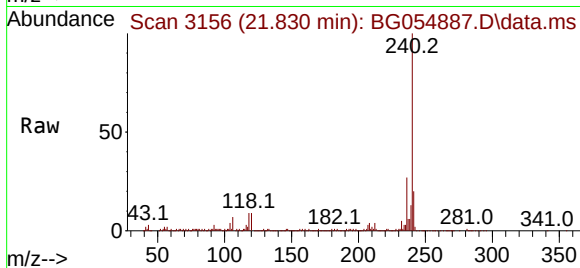
Tgt Ion:240 Resp: 232548

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.4

236 26.6 21.2 31.8



#79

Terphenyl-d14

Concen: 80.725 ng

RT: 20.132 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG054887.D

Acq: 8 Sep 2022 17:11

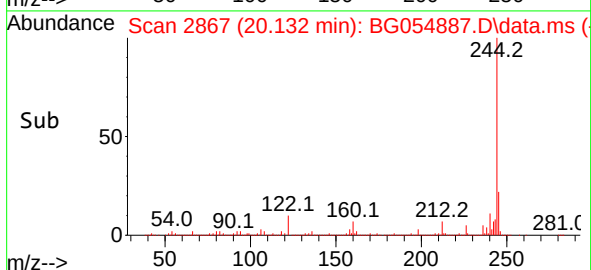
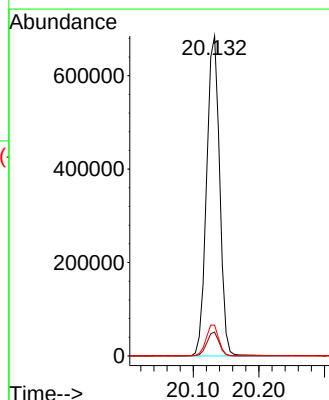
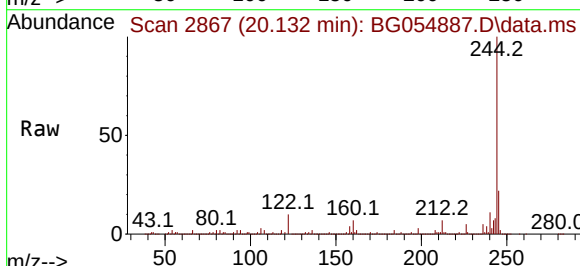
Tgt Ion:244 Resp: 947438

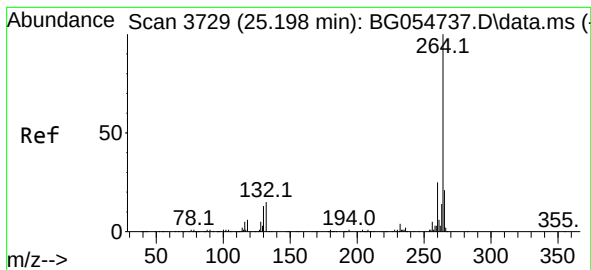
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

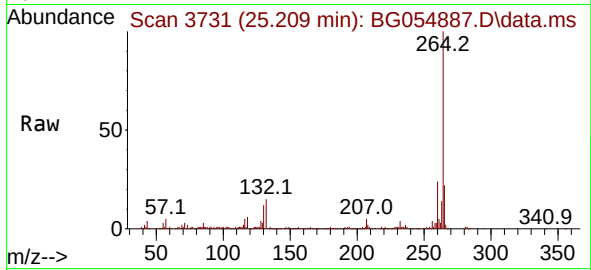
122 9.6 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.209 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054887.D
Acq: 8 Sep 2022 17:11

Instrument :
BNA_G
ClientSampleId :
MW1



Tgt Ion:264 Resp: 244528

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.7	16.9	25.3

