

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
 Data File : BG060345.D
 Acq On : 17 Jan 2024 16:28
 Operator : MA/JU
 Sample : P1153-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAD-A

Quant Time: Jan 17 17:13:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

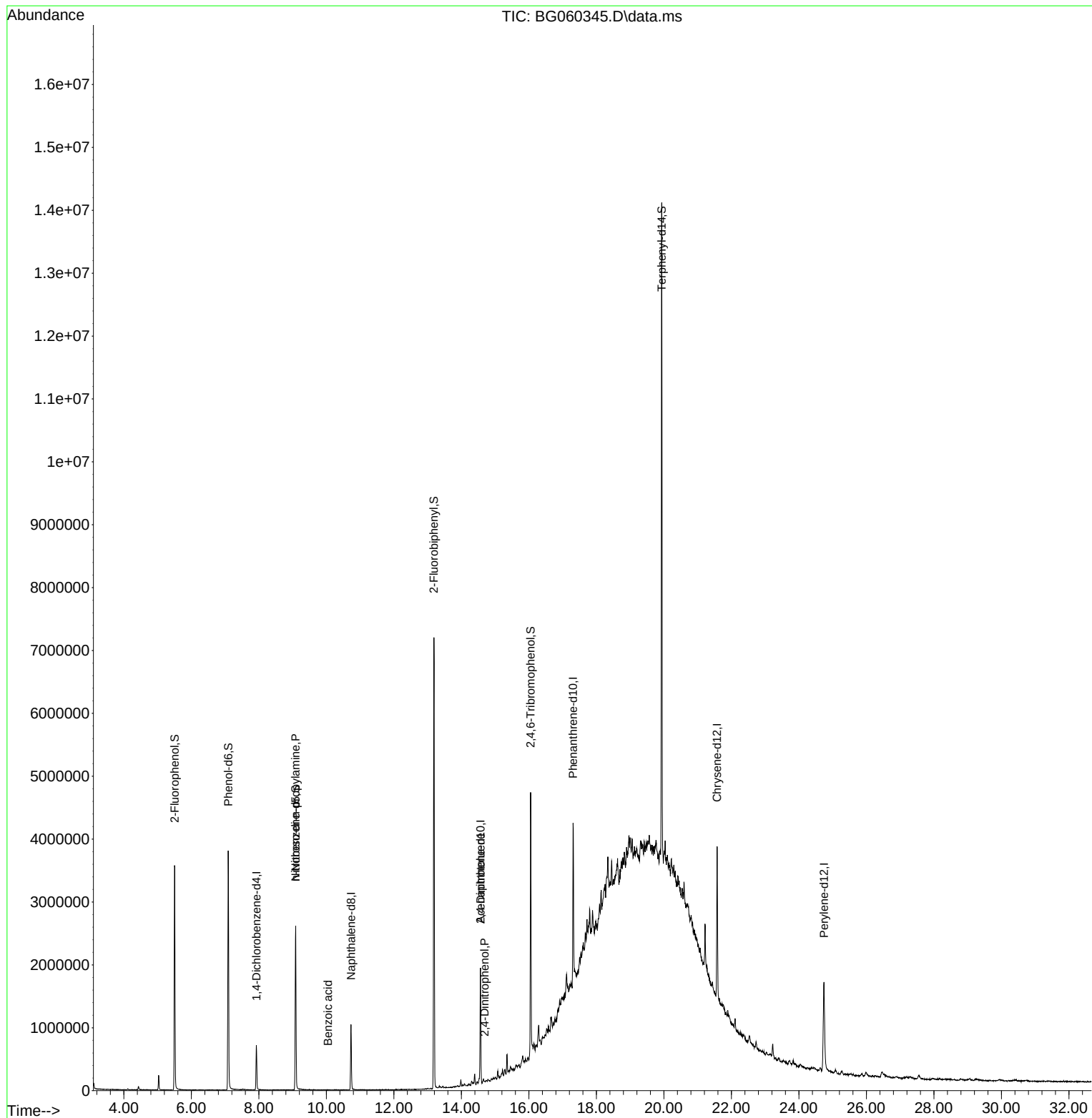
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	225350	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	902857	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	666194	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1606705	20.000	ng	# 0.00
76) Chrysene-d12	21.575	240	1462010	20.000	ng	0.00
86) Perylene-d12	24.742	264	1707022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1765598	128.868	ng	0.00
7) Phenol-d6	7.092	99	2629638	129.617	ng	0.00
23) Nitrobenzene-d5	9.090	82	1781410	93.169	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	957961	97.735	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	4024037	83.980	ng	0.00
79) Terphenyl-d14	19.936	244	4951496	85.658	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.090	70	216915	15.448	ng	# 88
32) Benzoic acid	10.048	122	57	10.206	ng	# 1
54) 2,4-Dinitrophenol	14.689	184	57	8.594	ng	# 27
57) 2,4-Dinitrotoluene	14.566	165	85679	5.752	ng	# 26

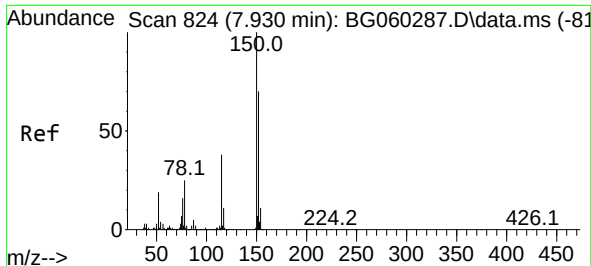
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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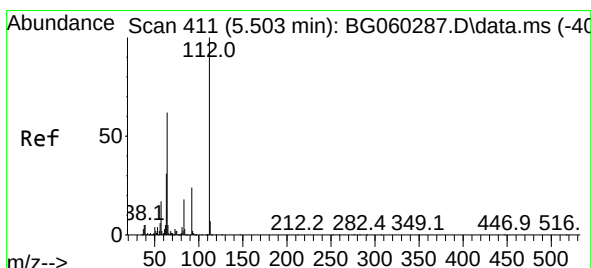
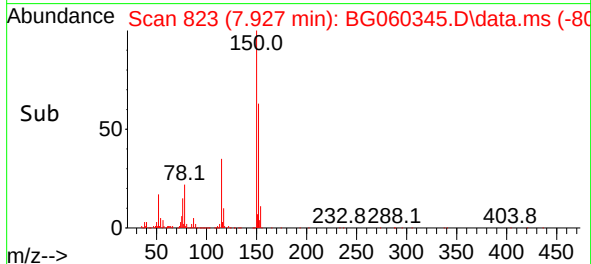
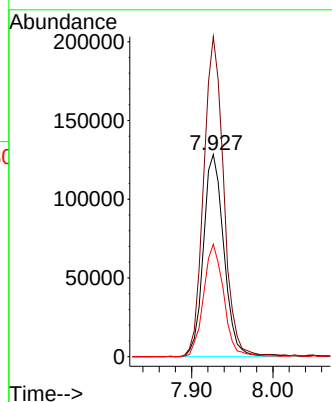
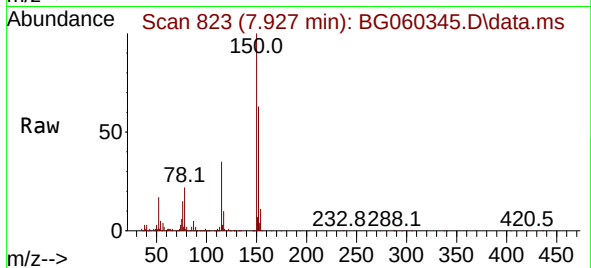




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.927 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

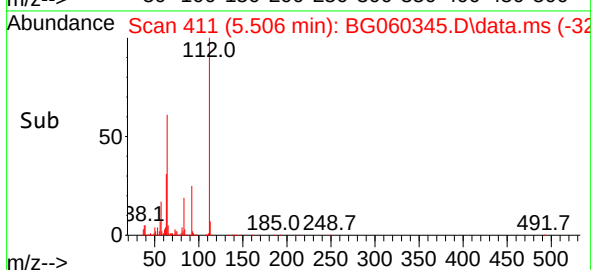
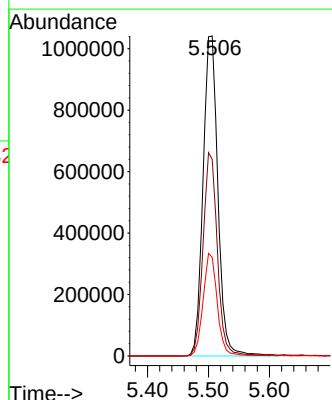
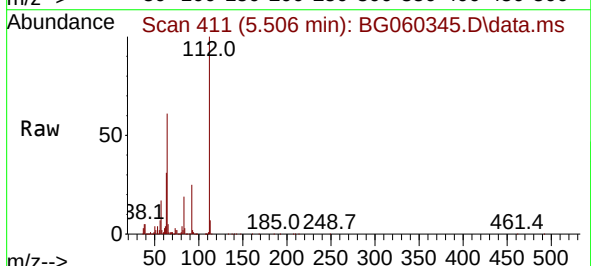
Instrument :
BNA_G
ClientSampleId :
PAD-A

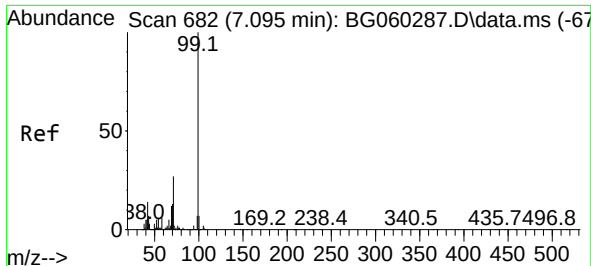
Tgt Ion:152 Resp: 225350
Ion Ratio Lower Upper
152 100
150 158.3 114.5 171.7
115 55.6 43.0 64.6



#5
2-Fluorophenol
Concen: 128.868 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:112 Resp: 1765598
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.8 24.4 36.6

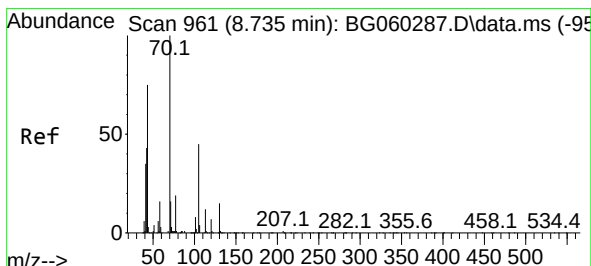
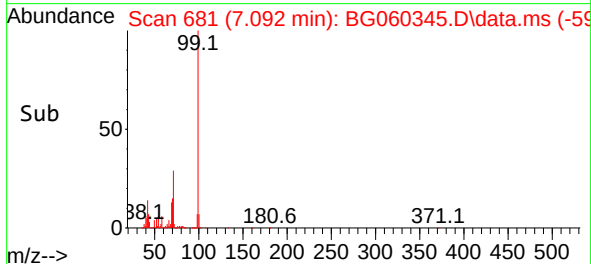
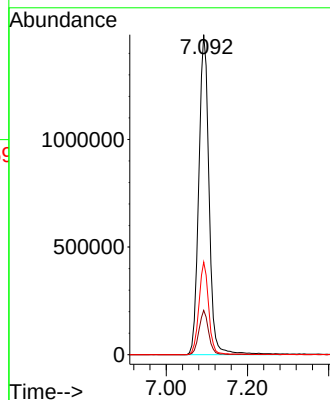
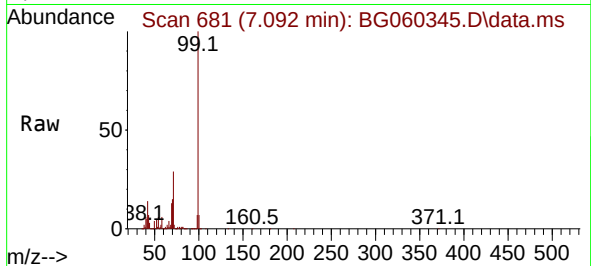




#7
Phenol-d6
Concen: 129.617 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

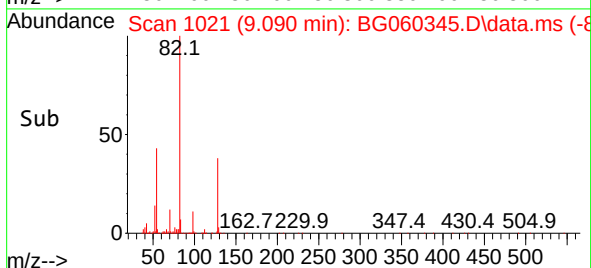
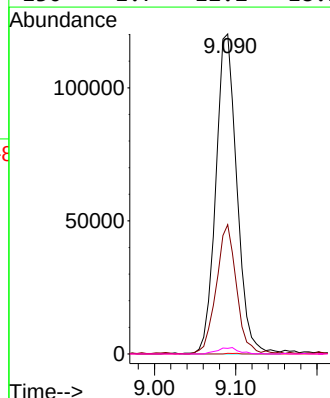
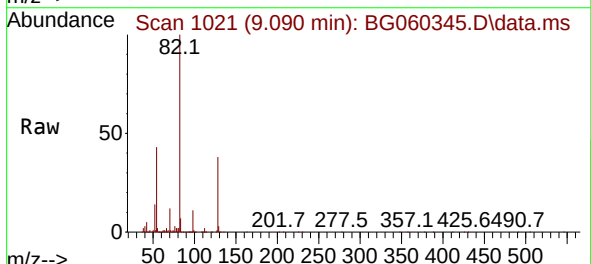
Instrument :
BNA_G
ClientSampleId :
PAD-A

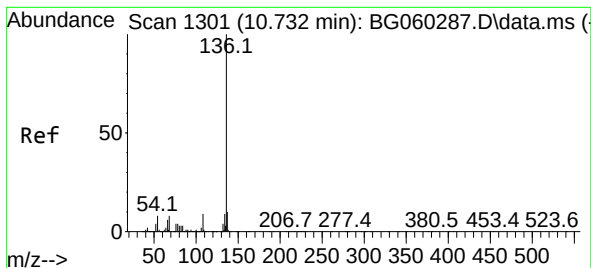
Tgt Ion: 99 Resp: 2629638
Ion Ratio Lower Upper
99 100
42 13.8 10.9 16.3
71 28.9 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.448 ng
RT: 9.090 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion: 70 Resp: 216915
Ion Ratio Lower Upper
70 100
42 40.4 34.3 51.5
101 0.2 6.2 9.2#
130 1.7 12.2 18.2#

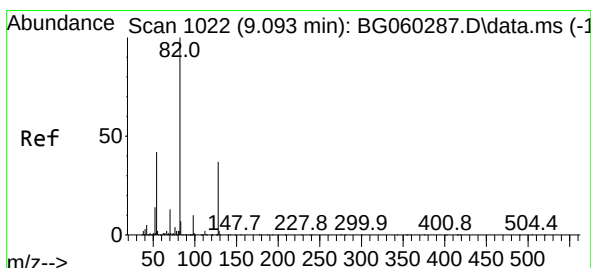
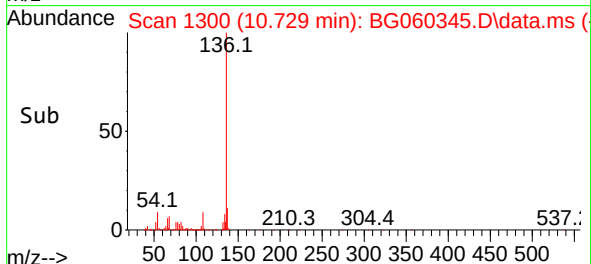
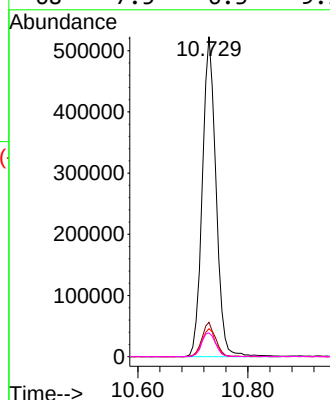
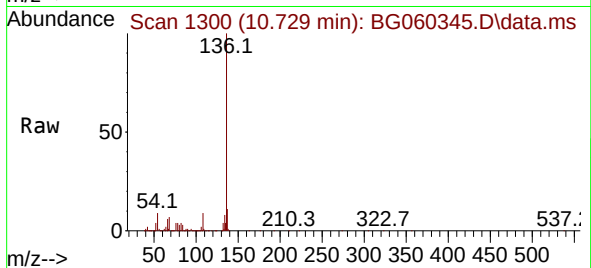




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

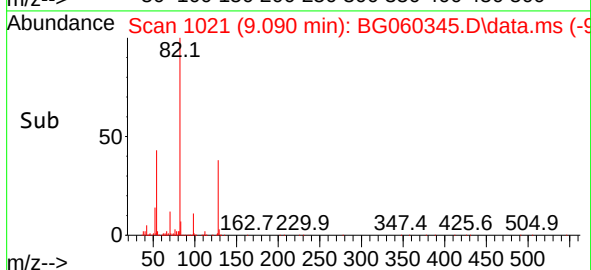
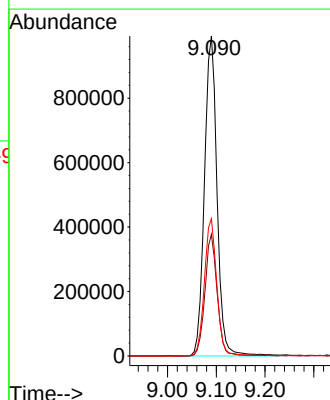
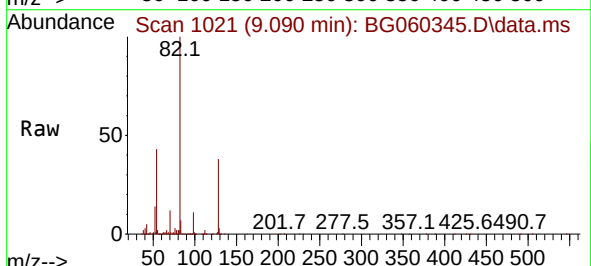
Instrument :
BNA_G
ClientSampleId :
PAD-A

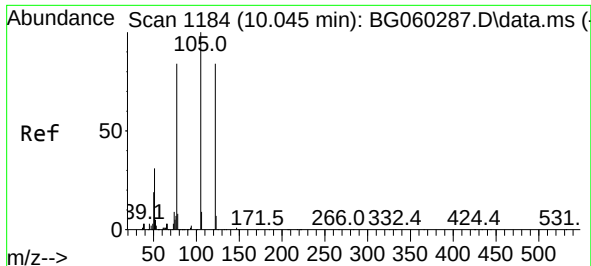
Tgt Ion:	136	Resp:	902857
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.7	6.2	9.2
68	7.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 93.169 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:	82	Resp:	1781410
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.6	44.4
54	42.9	33.6	50.4

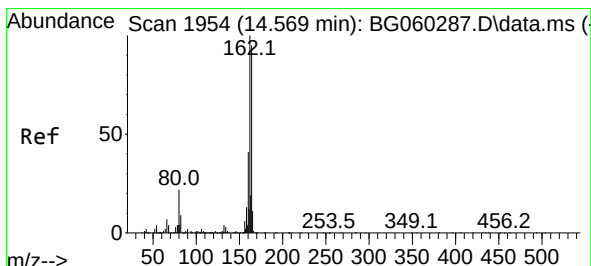
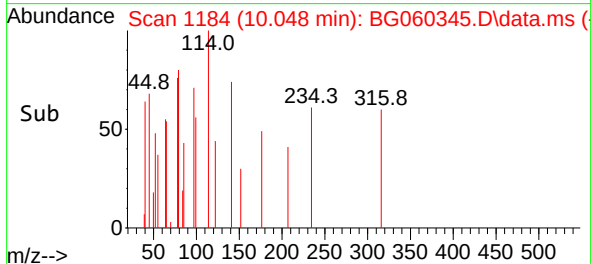
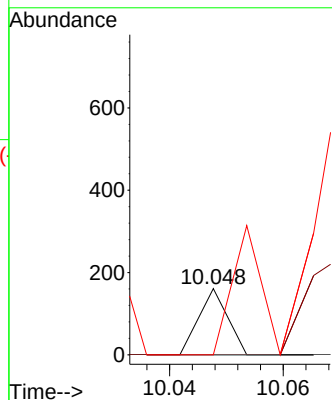
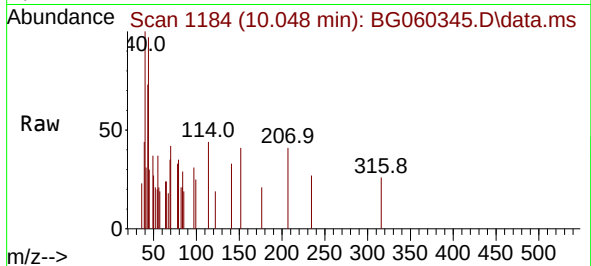




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.048 min Scan# 1184
Delta R.T. 0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

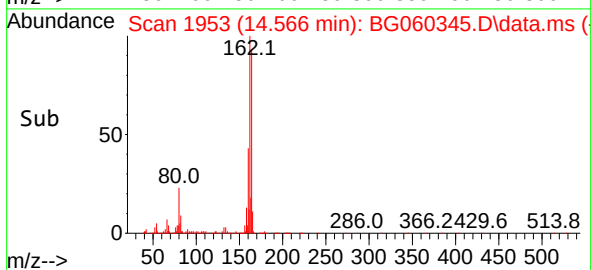
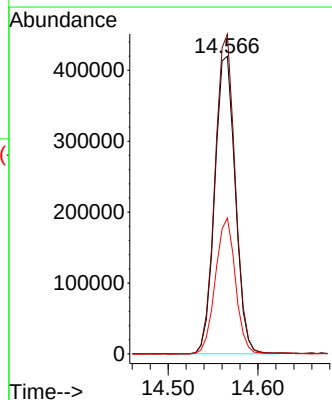
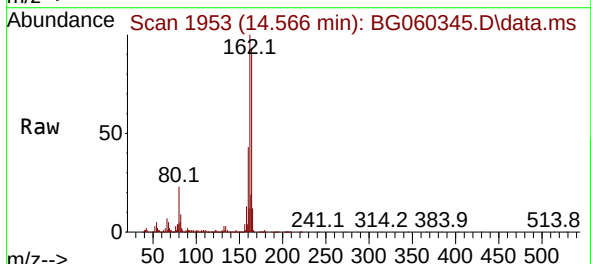
Instrument :
BNA_G
ClientSampleId :
PAD-A

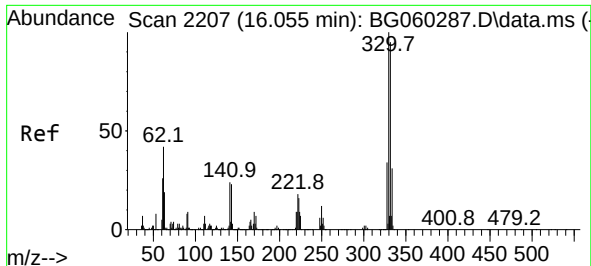
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:164 Resp: 666194
Ion Ratio Lower Upper
164 100
162 107.5 84.4 126.6
160 45.7 34.6 52.0

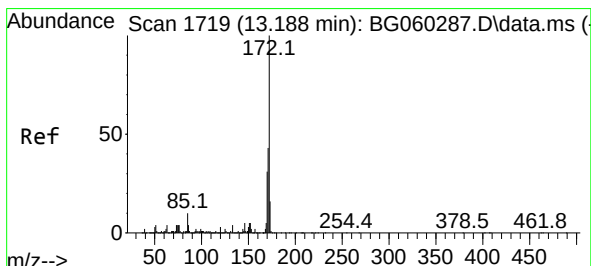
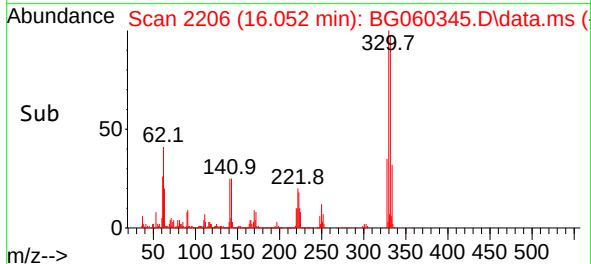
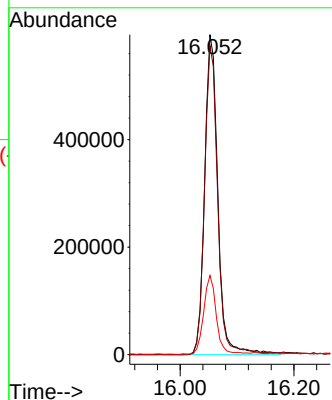
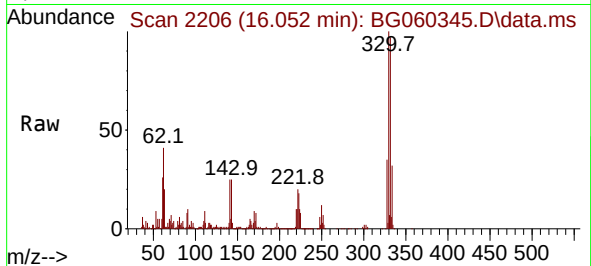




#42
2,4,6-Tribromophenol
Concen: 97.735 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

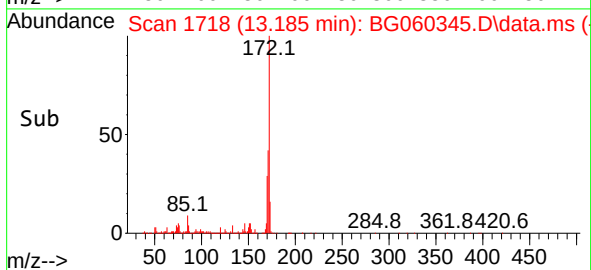
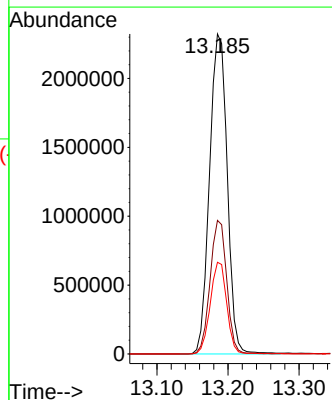
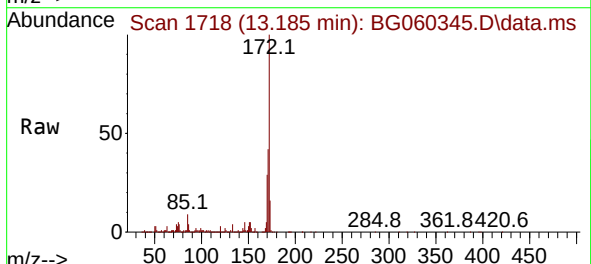
Instrument :
BNA_G
ClientSampleId :
PAD-A

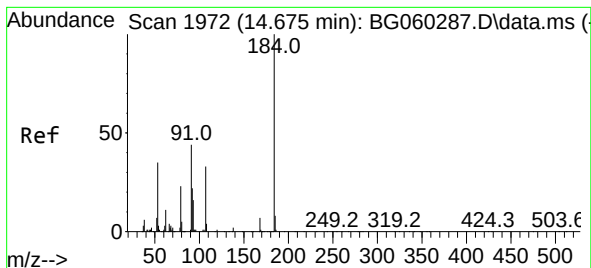
Tgt Ion:330 Resp: 957961
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.980 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:172 Resp: 4024037
Ion Ratio Lower Upper
172 100
171 41.8 34.6 51.8
170 28.7 24.4 36.6

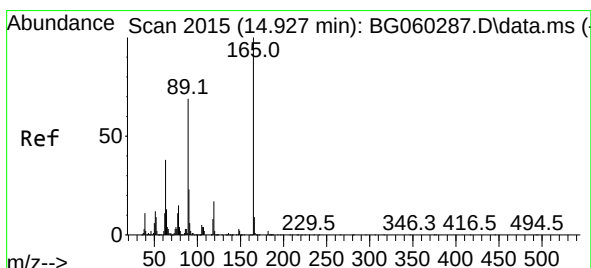
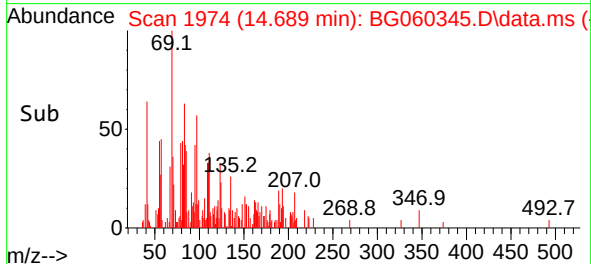
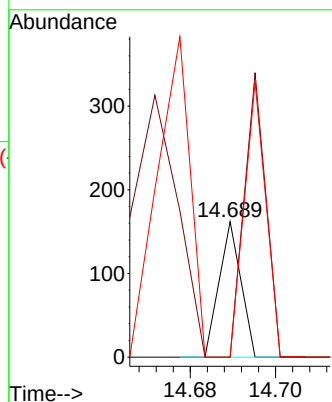
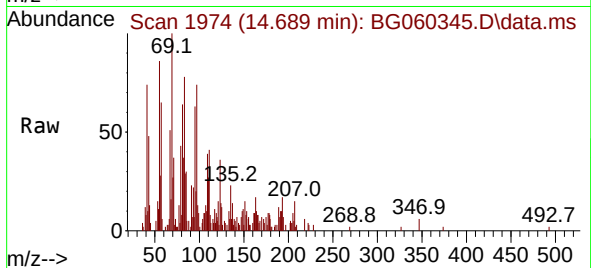




#54
2,4-Dinitrophenol
Concen: 8.594 ng
RT: 14.689 min Scan# 1953
Delta R.T. 0.014 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

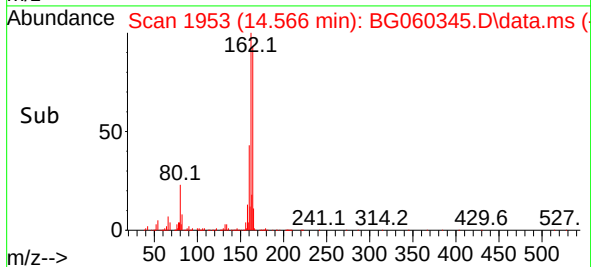
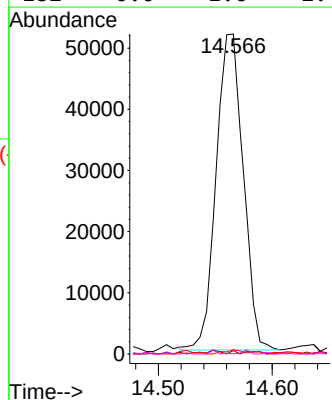
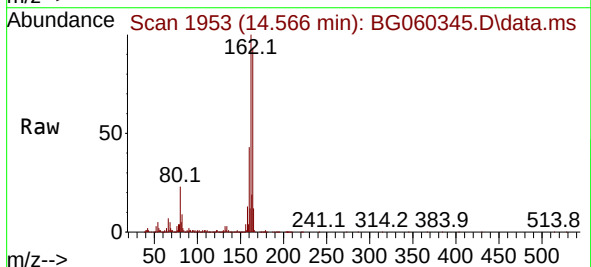
Instrument :
BNA_G
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PAD-A

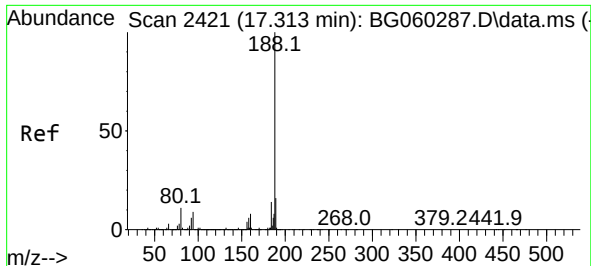
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#



#57
2,4-Dinitrotoluene
Concen: 5.752 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.361 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:165 Resp: 85679
Ion Ratio Lower Upper
165 100
63 1.1 30.4 45.6#
89 1.3 55.4 83.0#
182 0.0 1.6 2.4#

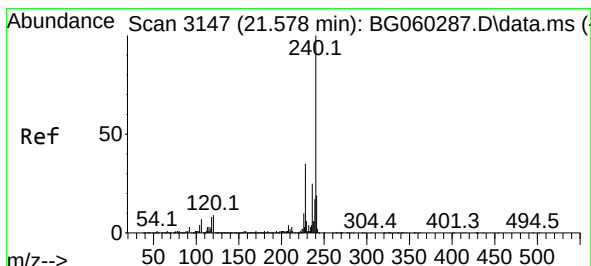
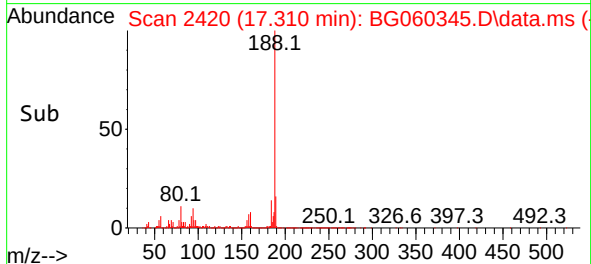
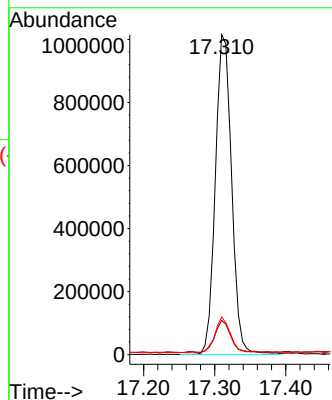
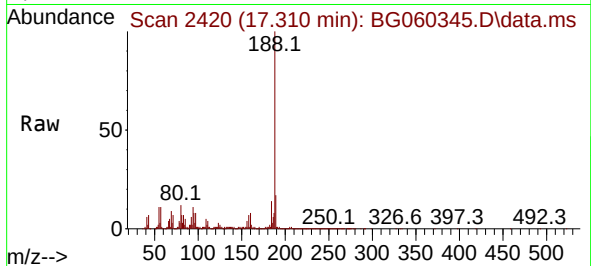




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

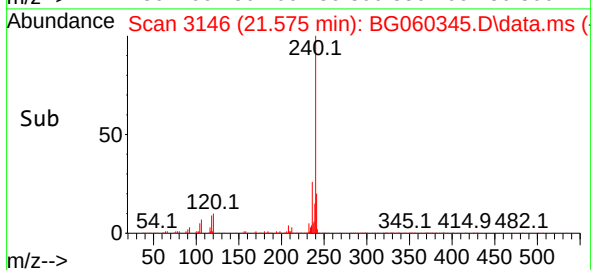
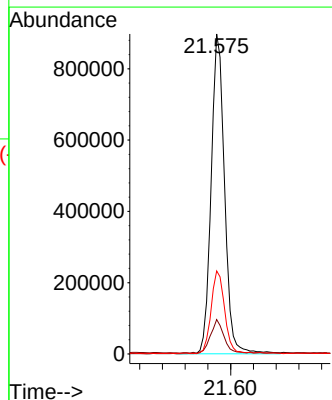
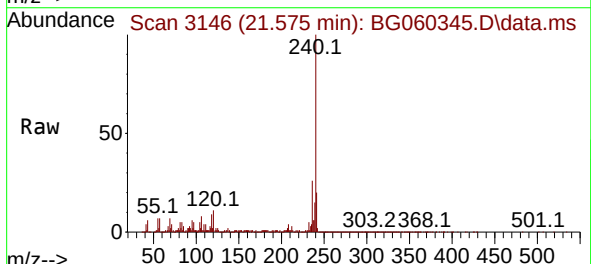
Instrument :
BNA_G
ClientSampleId :
PAD-A

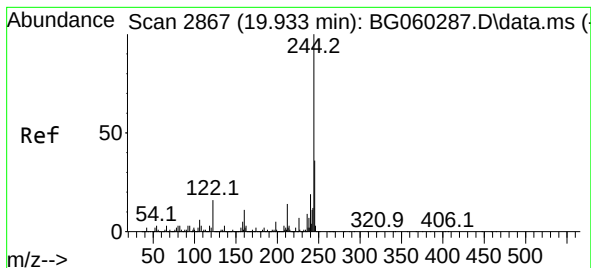
Tgt Ion:188 Resp: 1606705
Ion Ratio Lower Upper
188 100
94 10.8 7.1 10.7#
80 11.8 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060345.D
Acq: 17 Jan 2024 16:28

Tgt Ion:240 Resp: 1462010
Ion Ratio Lower Upper
240 100
120 10.7 7.3 10.9
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 85.658 ng

RT: 19.936 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG060345.D

Acq: 17 Jan 2024 16:28

Instrument :

BNA_G

ClientSampleId :

PAD-A

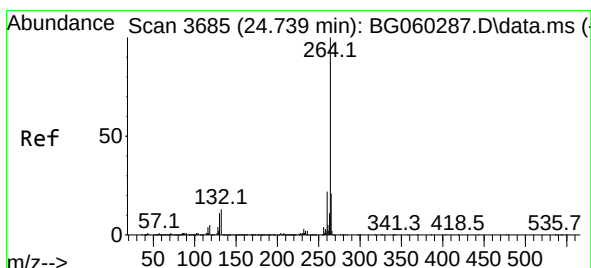
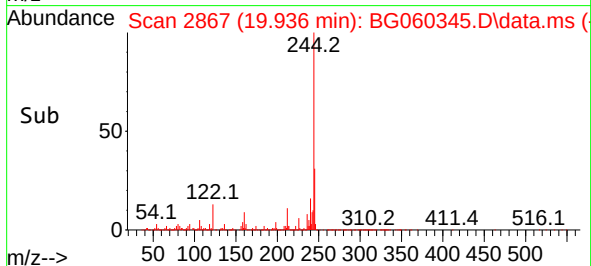
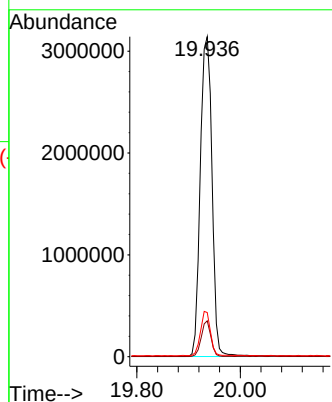
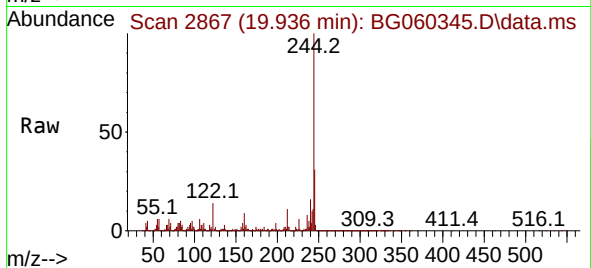
Tgt Ion:244 Resp: 4951496

Ion Ratio Lower Upper

244 100

212 11.2 10.9 16.3

122 13.8 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.742 min Scan# 3685

Delta R.T. 0.003 min

Lab File: BG060345.D

Acq: 17 Jan 2024 16:28

Tgt Ion:264 Resp: 1707022

Ion Ratio Lower Upper

264 100

260 24.0 17.8 26.6

265 21.4 16.8 25.2

