

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
 Data File : BG060343.D
 Acq On : 17 Jan 2024 15:01
 Operator : MA/JU
 Sample : PB158472BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158472BL

Quant Time: Jan 17 15:51:52 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)

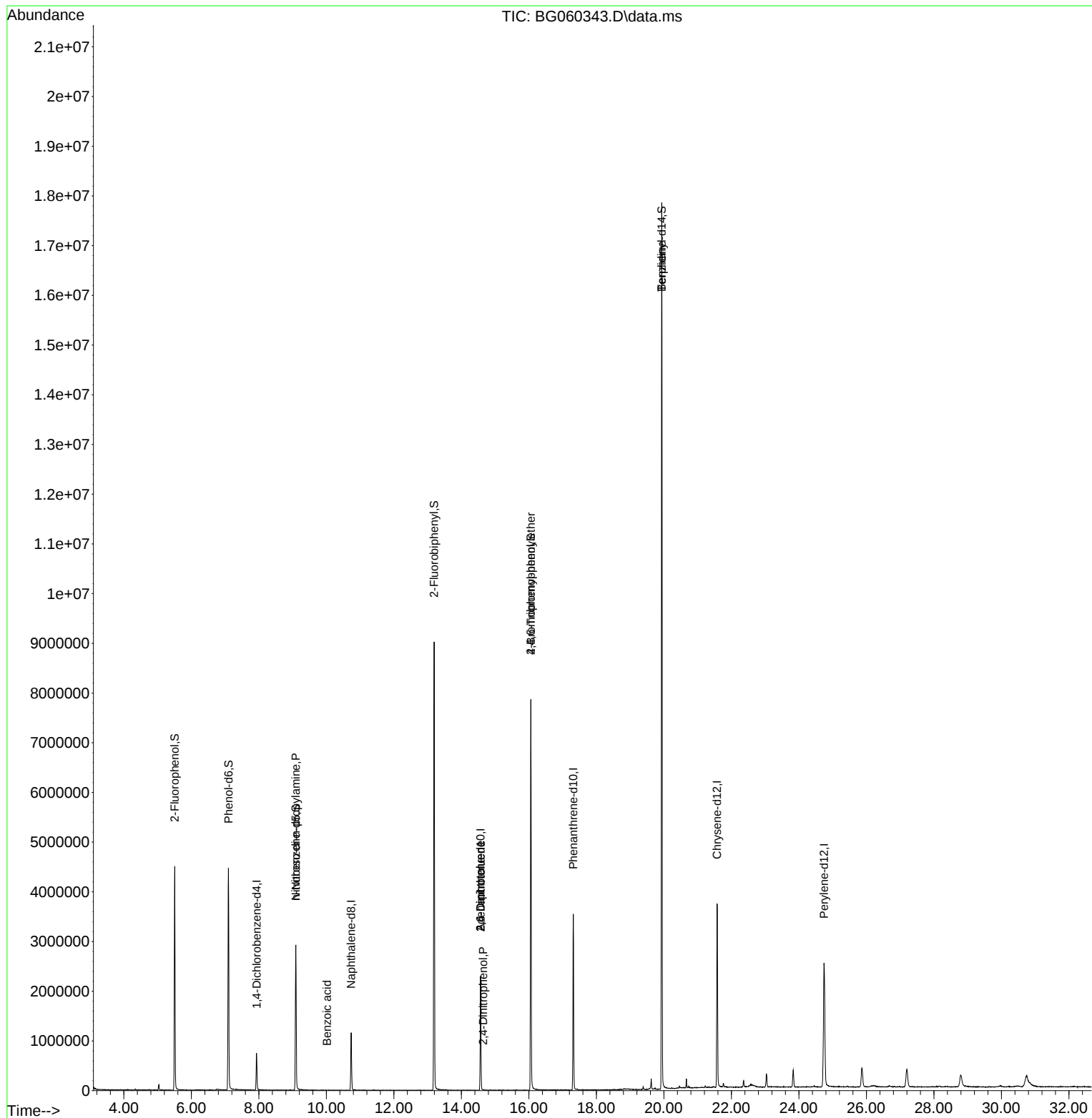
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	233644	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	1026107	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	852946	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2376940	20.000	ng	0.00
76) Chrysene-d12	21.575	240	2333840	20.000	ng	0.00
86) Perylene-d12	24.742	264	2519752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	2075038	146.077	ng	0.00
7) Phenol-d6	7.098	99	3030142	144.056	ng	0.00
23) Nitrobenzene-d5	9.095	82	2048608	94.274	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1699068	135.392	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	4820801	78.580	ng	0.00
79) Terphenyl-d14	19.936	244	6903678	69.740	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	251148	17.251	ng	# 83
32) Benzoic acid	10.018	122	68	10.206	ng	# 1
51) 2,6-Dinitrotoluene	14.566	165	115301	8.290	ng	# 33
54) 2,4-Dinitrophenol	14.642	184	84	8.596	ng	# 27
57) 2,4-Dinitrotoluene	14.566	165	115301	6.045	ng	# 25
67) 4-Bromophenyl-phenylether	16.058	248	105052	4.022	ng	# 1
77) Benzidine	19.936	184	158369	3.123	ng	# 93

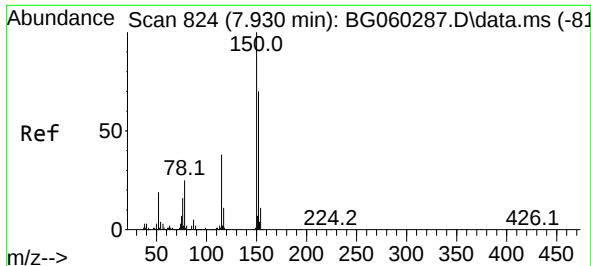
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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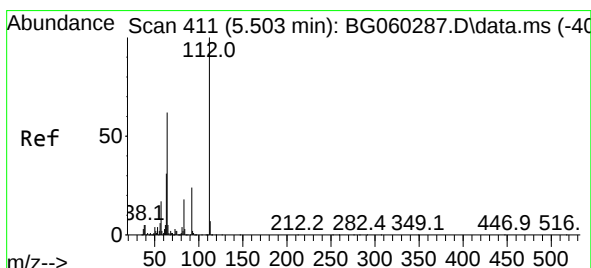
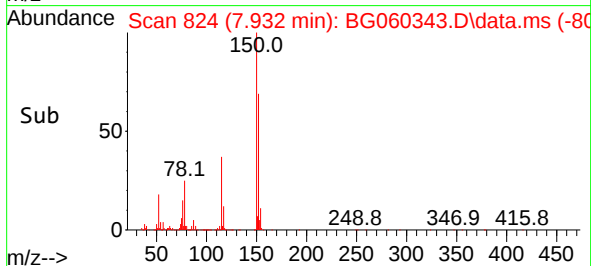
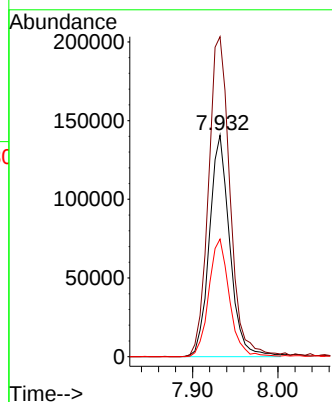
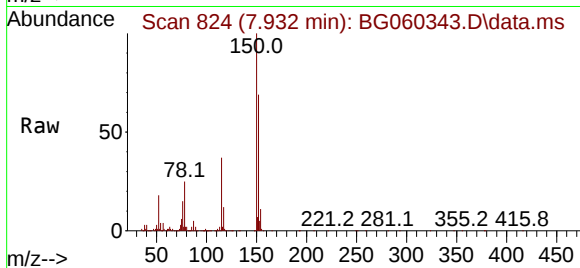




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

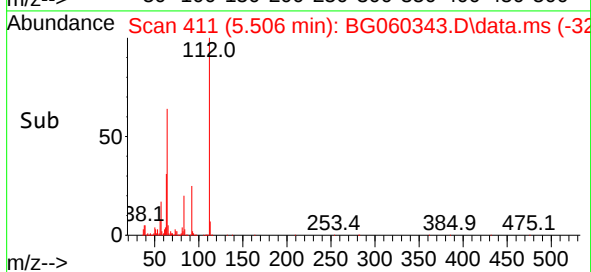
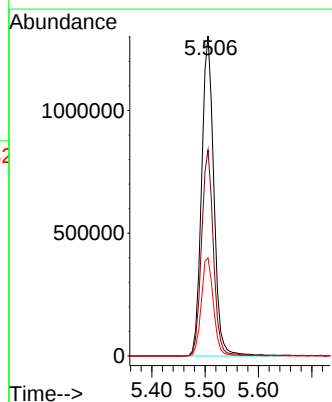
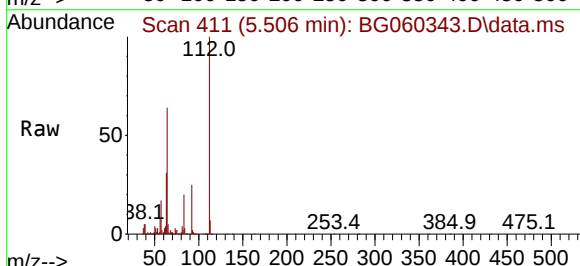
Instrument :
BNA_G
ClientSampleId :
PB158472BL

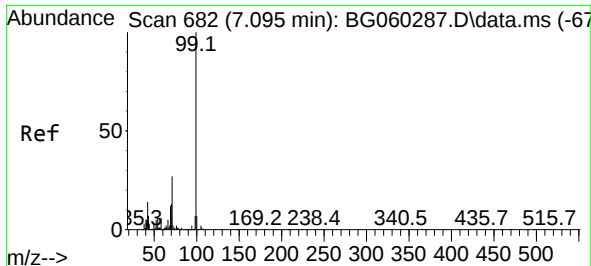
Tgt Ion:152 Resp: 233644
Ion Ratio Lower Upper
152 100
150 144.5 114.5 171.7
115 53.1 43.0 64.6



#5
2-Fluorophenol
Concen: 146.077 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion:112 Resp: 2075038
Ion Ratio Lower Upper
112 100
64 64.4 49.8 74.6
63 30.7 24.4 36.6

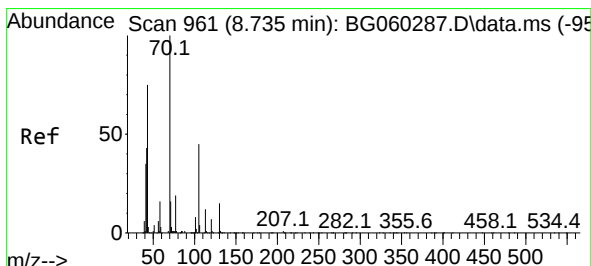
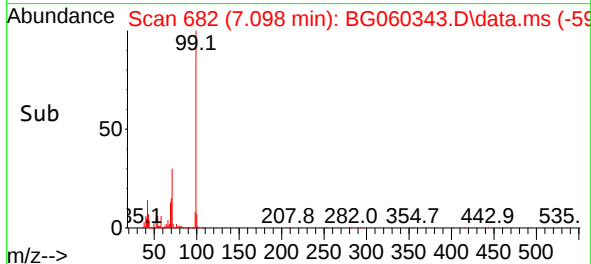
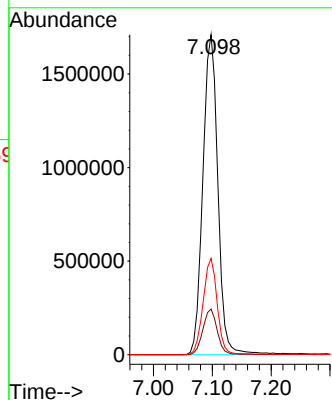
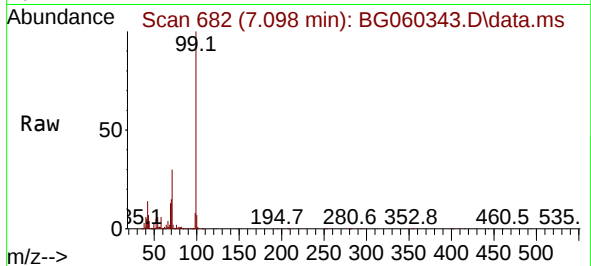




#7
Phenol-d6
Concen: 144.056 ng
RT: 7.098 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

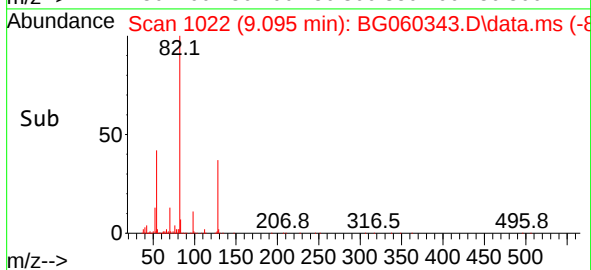
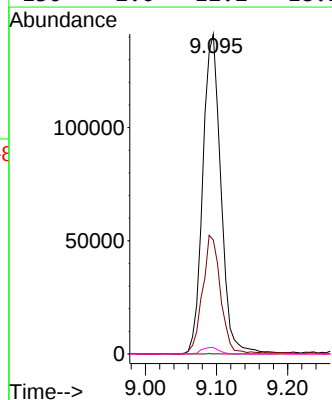
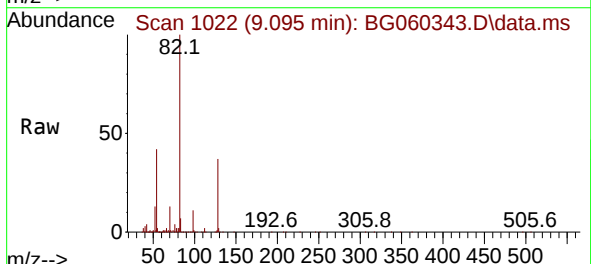
Instrument :
BNA_G
ClientSampleId :
PB158472BL

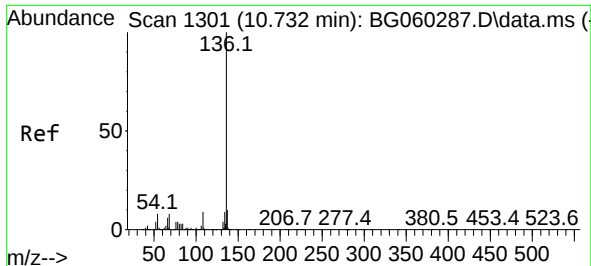
Tgt Ion: 99 Resp: 3030142
Ion Ratio Lower Upper
99 100
42 14.3 10.9 16.3
71 30.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.251 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.361 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion: 70 Resp: 251148
Ion Ratio Lower Upper
70 100
42 35.6 34.3 51.5
101 0.0 6.2 9.2#
130 2.0 12.2 18.2#

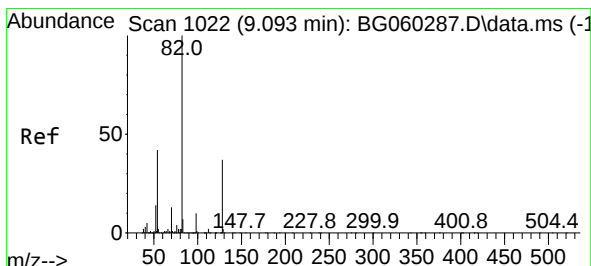
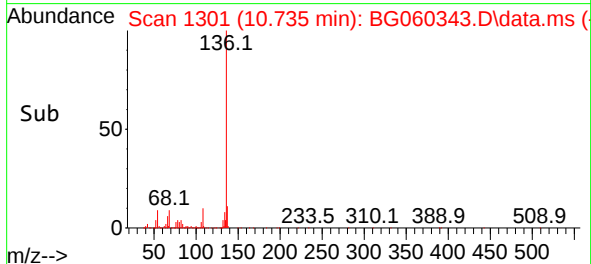
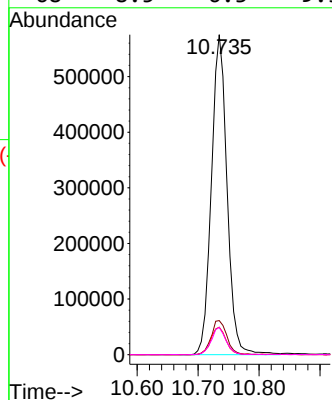
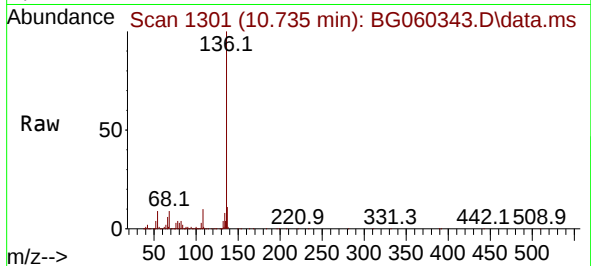




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

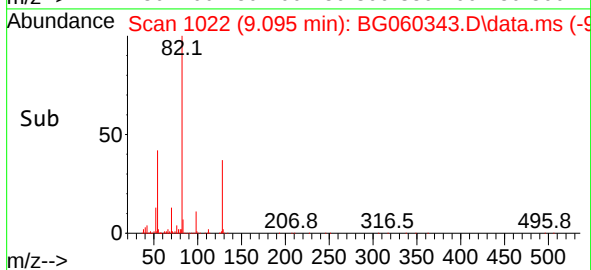
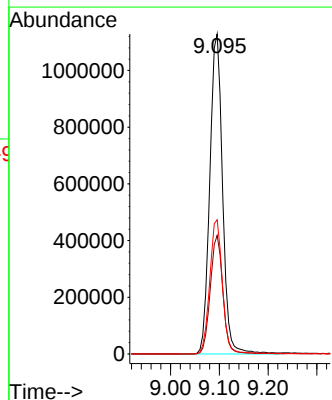
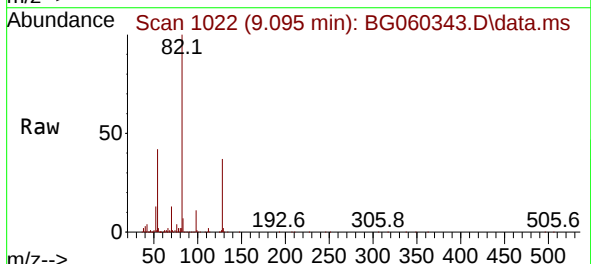
Instrument :
BNA_G
ClientSampleId :
PB158472BL

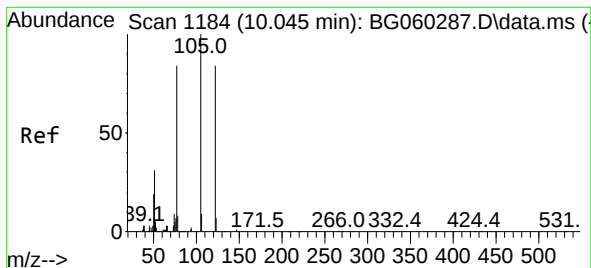
Tgt Ion:136 Resp: 1026107
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.6 6.2 9.2
68 8.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 94.274 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion: 82 Resp: 2048608
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 41.9 33.6 50.4

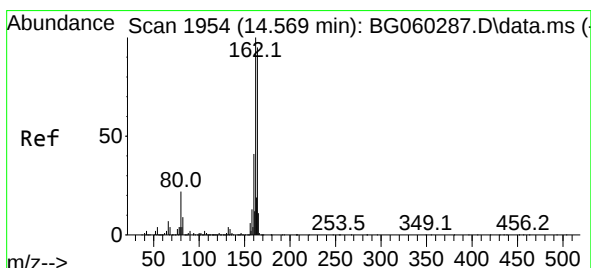
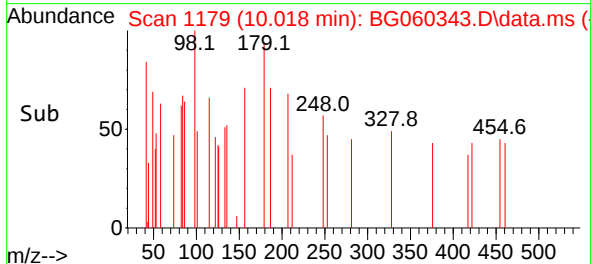
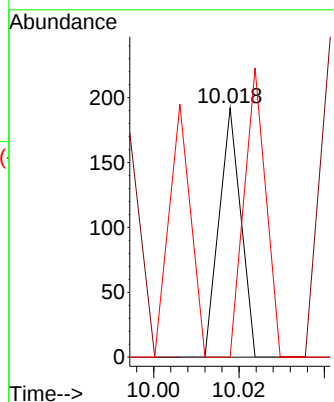
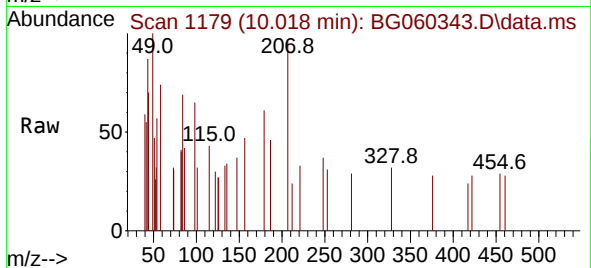




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.018 min Scan# 1184
Delta R.T. -0.027 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

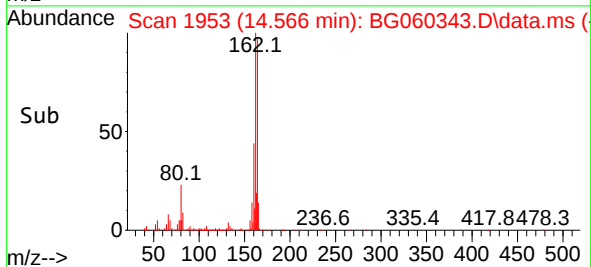
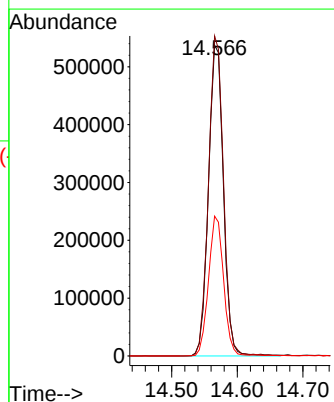
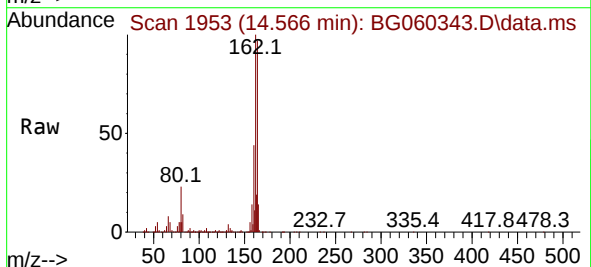
Instrument :
BNA_G
ClientSampleId :
PB158472BL

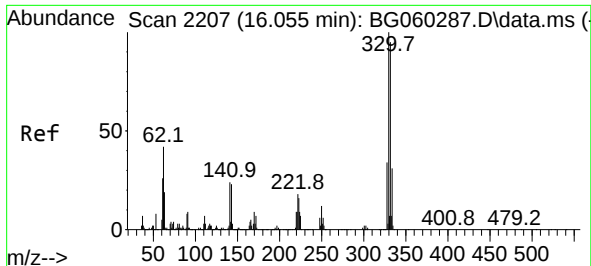
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion:164 Resp: 852946
Ion Ratio Lower Upper
164 100
162 103.0 84.4 126.6
160 45.0 34.6 52.0

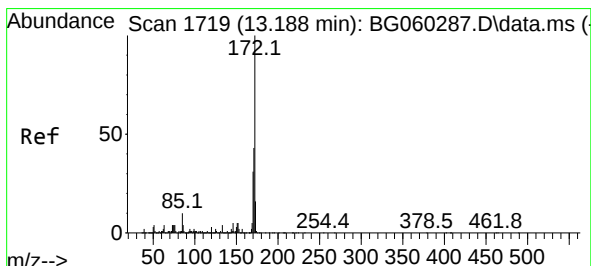
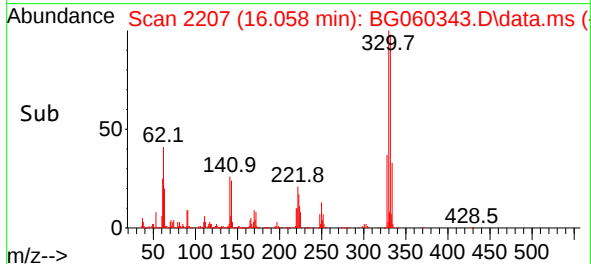
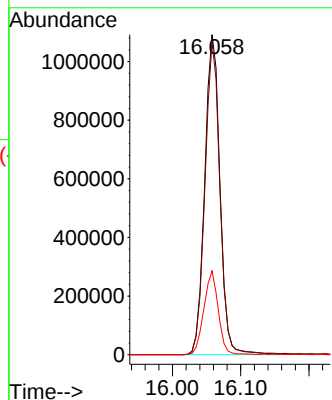
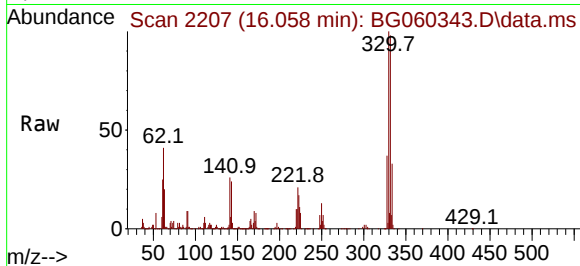




#42
2,4,6-Tribromophenol
Concen: 135.392 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

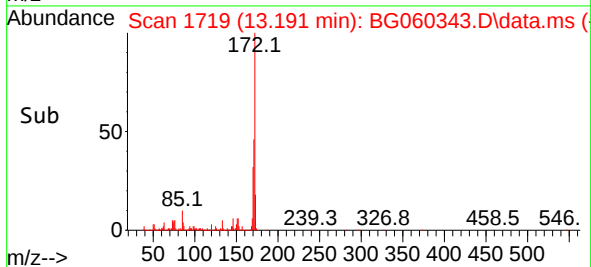
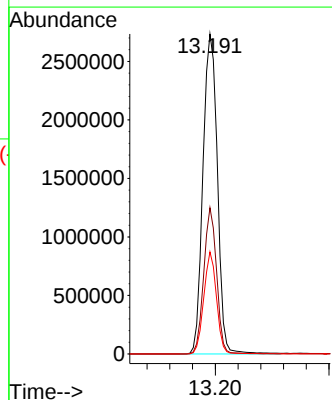
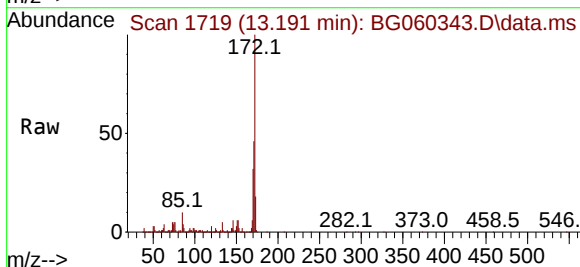
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ClientSampleId :
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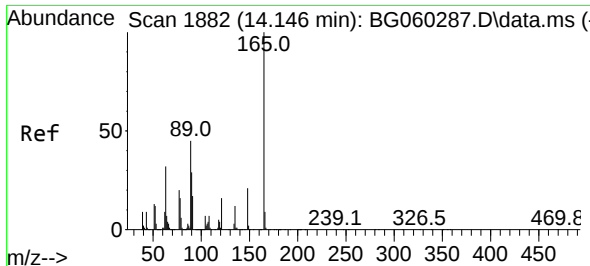
Tgt Ion:330 Resp: 1699068
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 24.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 78.580 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion:172 Resp: 4820801
Ion Ratio Lower Upper
172 100
171 45.7 34.6 51.8
170 31.9 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.290 ng

RT: 14.566 min Scan# 1953

Delta R.T. 0.419 min

Lab File: BG060343.D

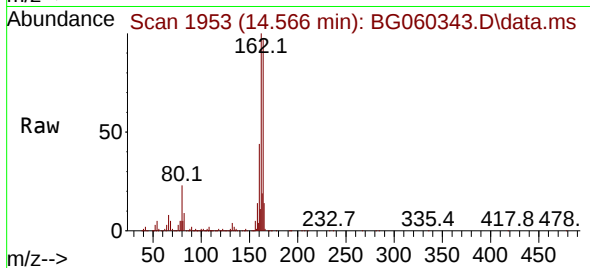
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Instrument :

BNA_G

ClientSampleId :

PB158472BL



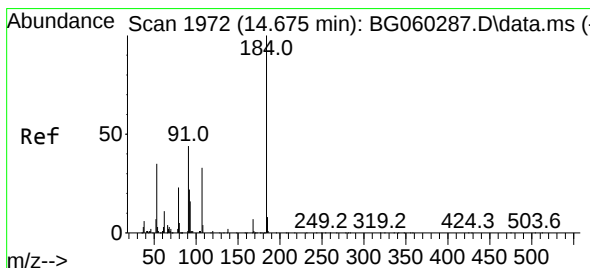
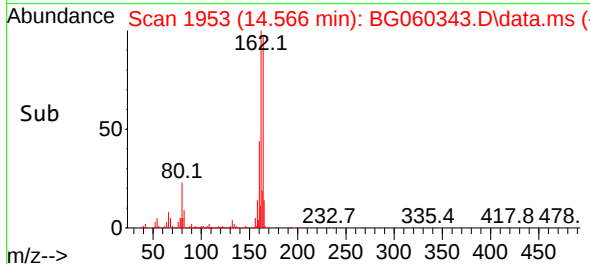
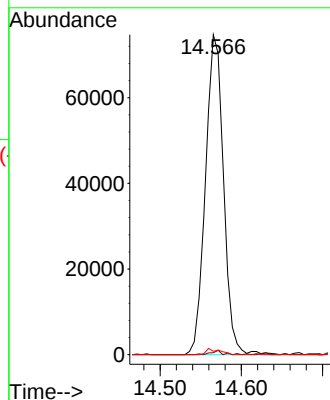
Tgt Ion:165 Resp: 115301

Ion Ratio Lower Upper

165 100

63 0.6 35.0 52.4#

89 1.1 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.596 ng

RT: 14.642 min Scan# 1966

Delta R.T. -0.033 min

Lab File: BG060343.D

Acq: 17 Jan 2024 15:01

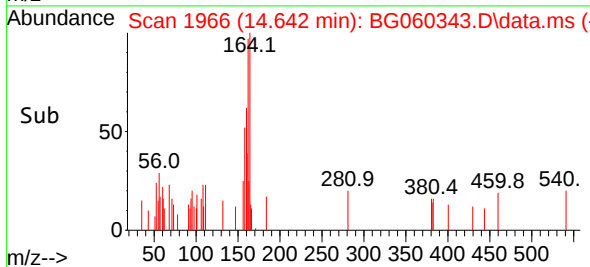
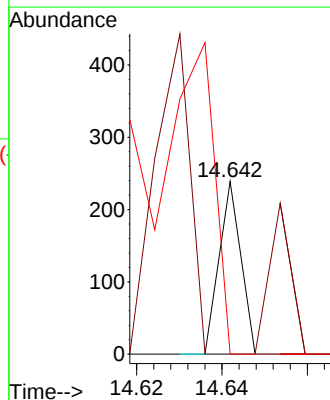
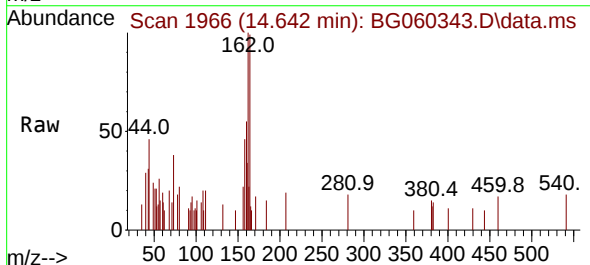
Tgt Ion:184 Resp: 84

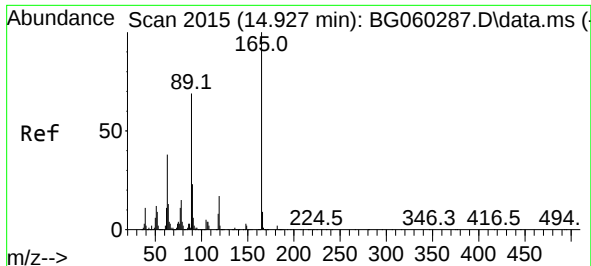
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

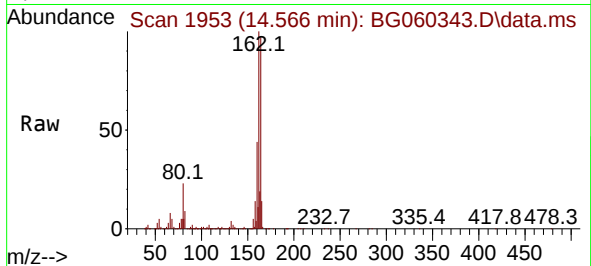
154 0.0 39.2 58.8#



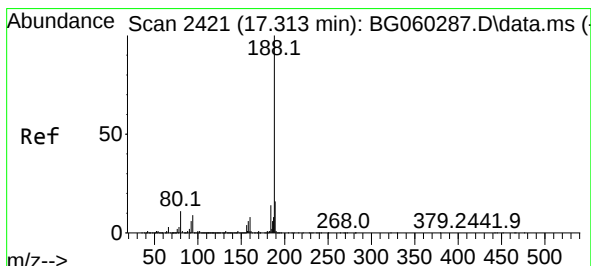
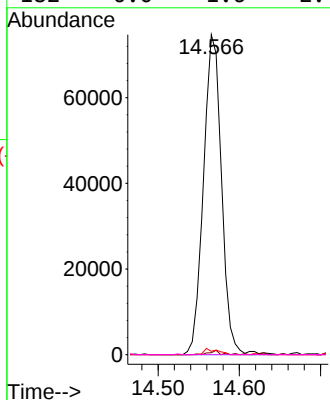
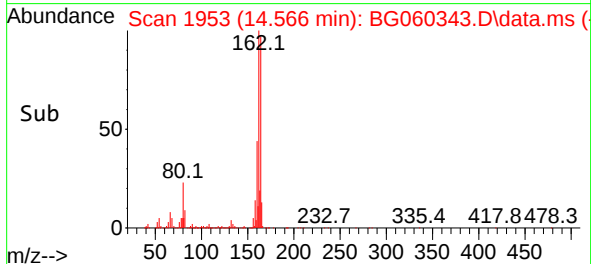


#57
2,4-Dinitrotoluene
Concen: 6.045 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.362 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Instrument :
BNA_G
ClientSampleId :
PB158472BL

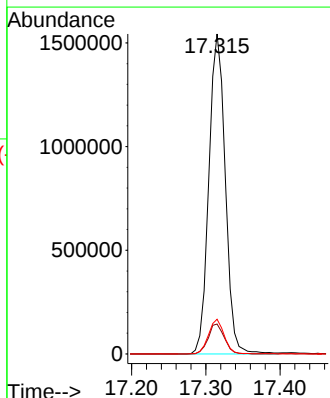
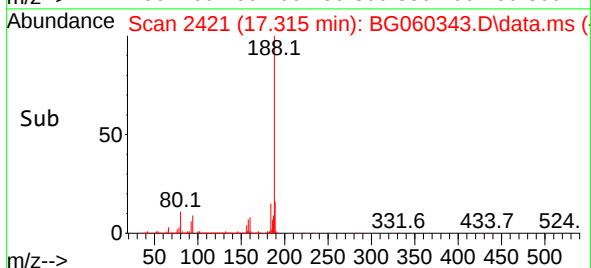
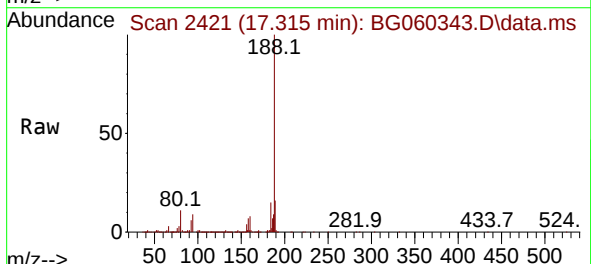


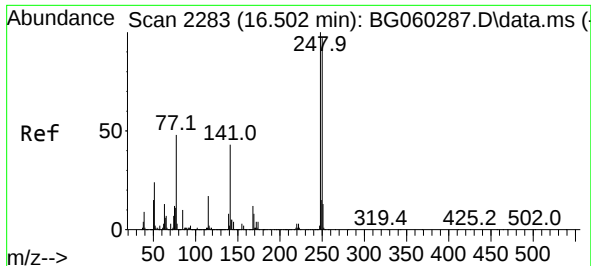
Tgt Ion:165 Resp: 115301
Ion Ratio Lower Upper
165 100
63 0.6 30.4 45.6#
89 1.1 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion:188 Resp: 2376940
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.8 8.5 12.7

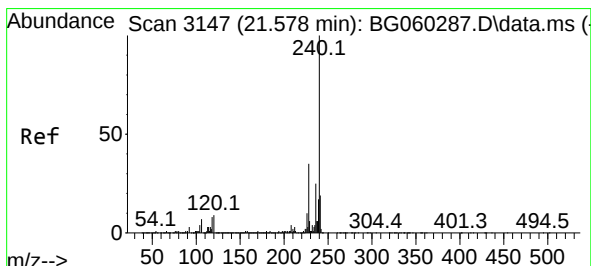
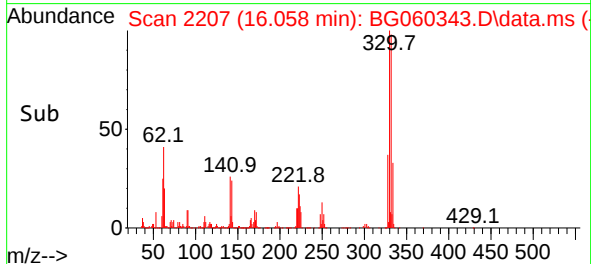
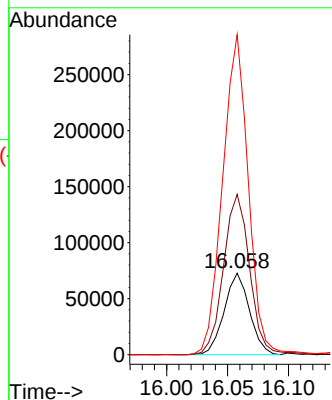
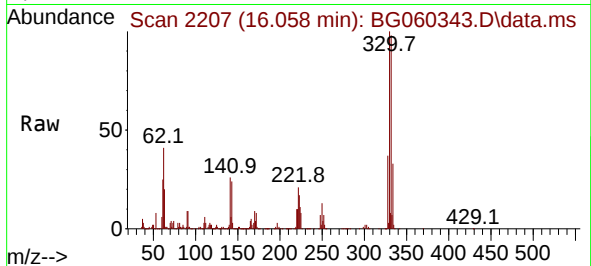




#67
4-Bromophenyl-phenylether
Concen: 4.022 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

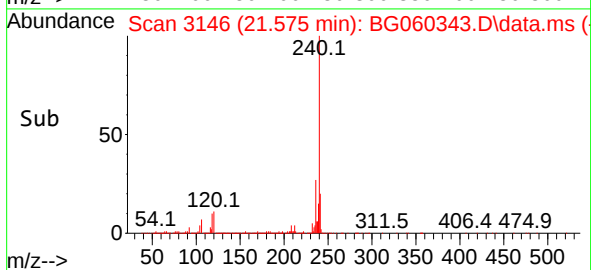
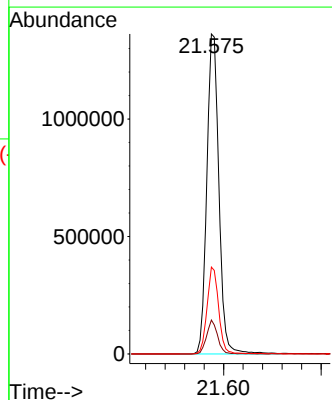
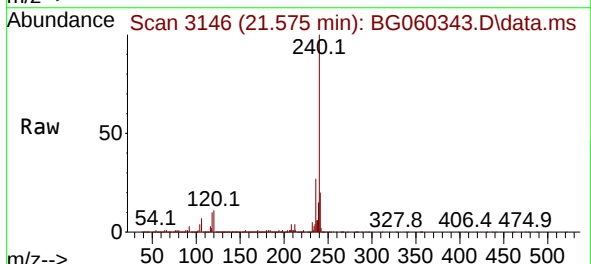
Instrument :
BNA_G
ClientSampleId :
PB158472BL

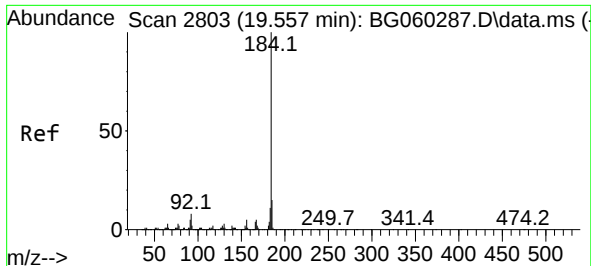
Tgt Ion:248 Resp: 105052
Ion Ratio Lower Upper
248 100
250 196.7 77.6 116.4#
141 392.6 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion:240 Resp: 2333840
Ion Ratio Lower Upper
240 100
120 10.6 7.3 10.9
236 27.2 20.3 30.5

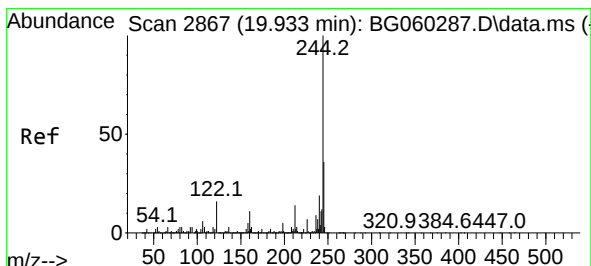
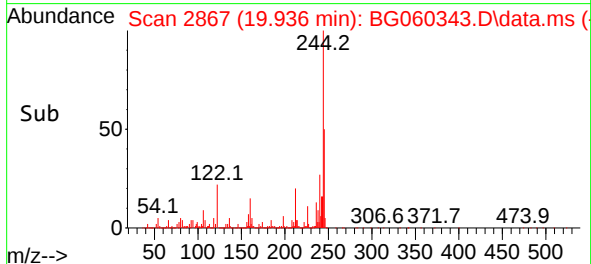
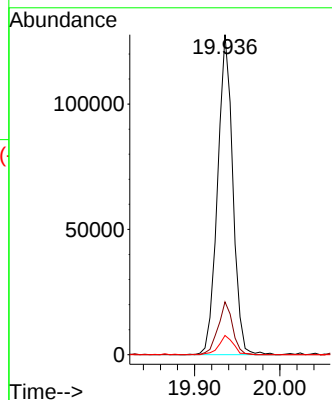
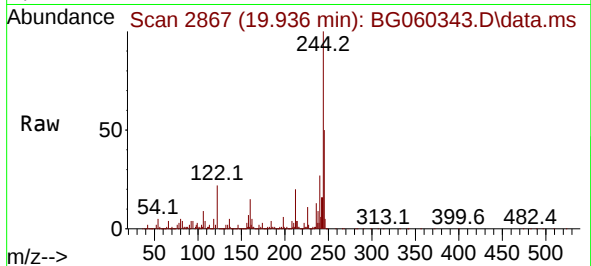




#77
Benzidine
Concen: 3.123 ng
RT: 19.936 min Scan# 2867
Delta R.T. 0.379 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

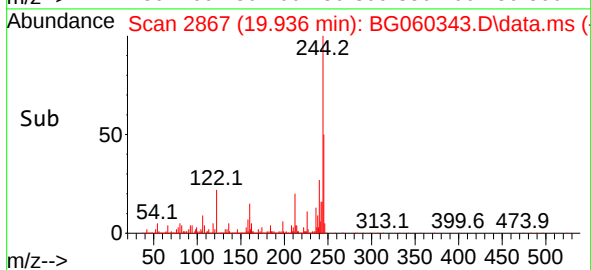
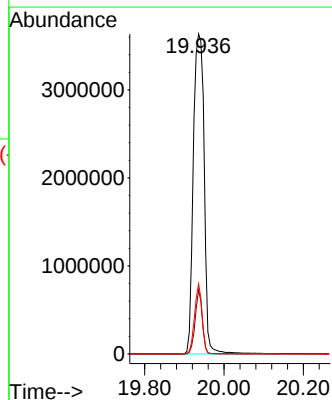
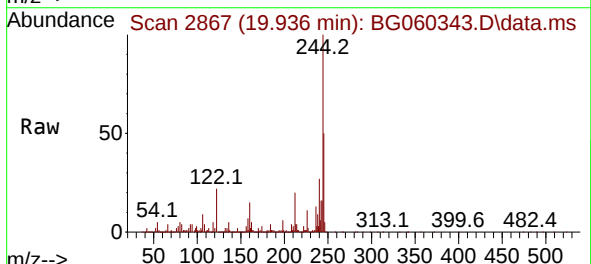
Instrument :
BNA_G
ClientSampleId :
PB158472BL

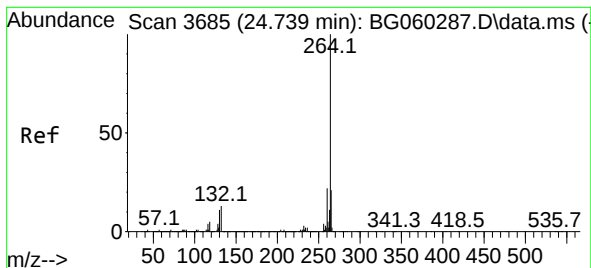
Tgt Ion:184 Resp: 158369
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.4
183 6.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 69.740 ng
RT: 19.936 min Scan# 2867
Delta R.T. 0.003 min
Lab File: BG060343.D
Acq: 17 Jan 2024 15:01

Tgt Ion:244 Resp: 6903678
Ion Ratio Lower Upper
244 100
212 20.0 10.9 16.3#
122 21.9 12.6 18.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.742 min Scan# 30

Delta R.T. 0.003 min

Lab File: BG060343.D

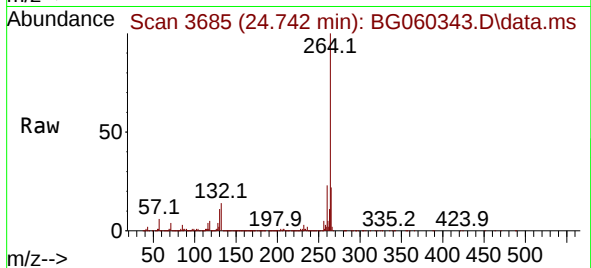
Acq: 17 Jan 2024 15:01

Instrument :

BNA_G

ClientSampleId :

PB158472BL



Tgt Ion:264 Resp: 2519752

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 21.7 16.8 25.2

