

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052614.D
 Acq On : 8 Mar 2022 21:14
 Operator : CG/JU
 Sample : N1730-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10

Quant Time: Mar 09 04:19:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

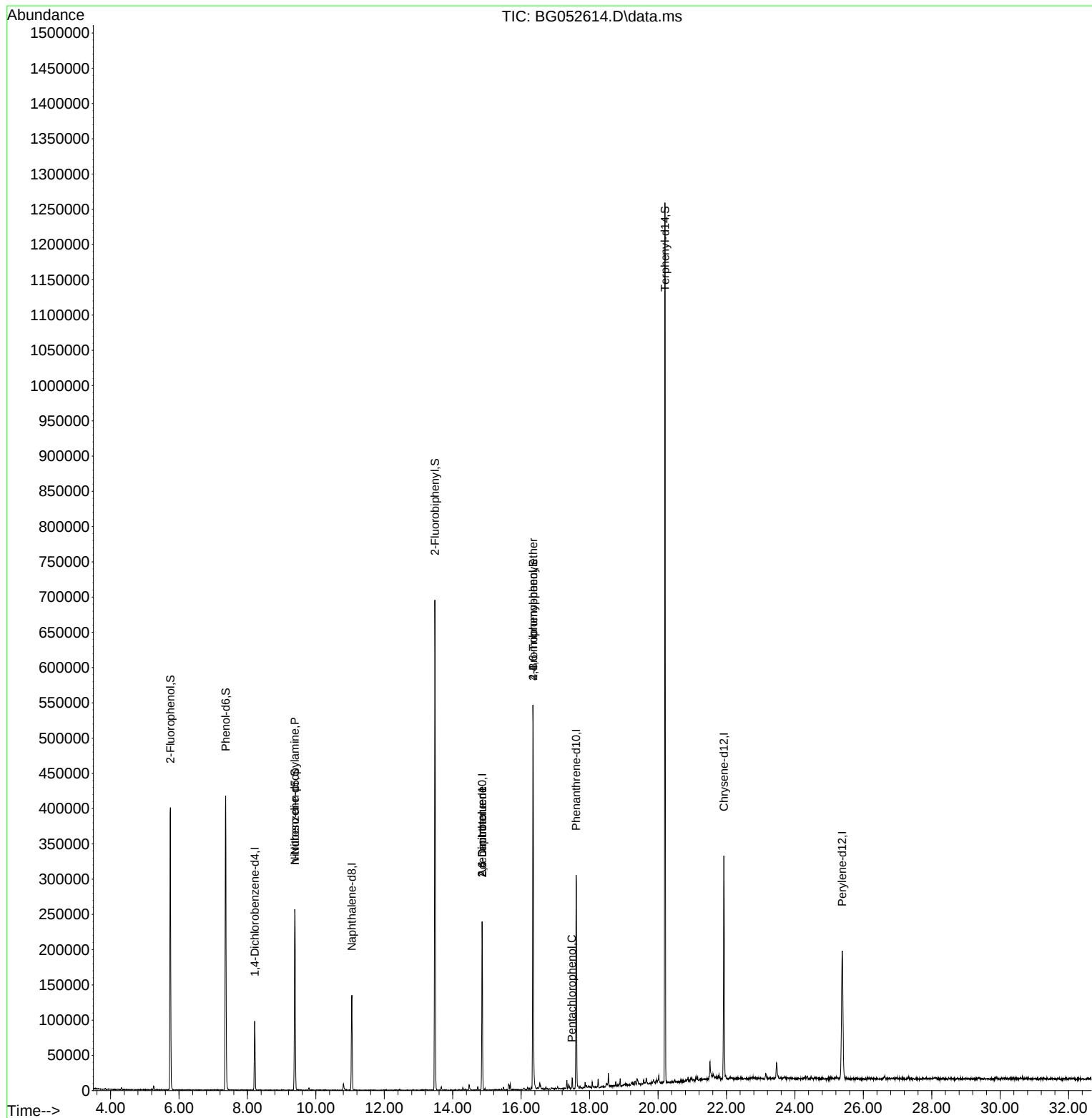
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	29231	20.000	ng	0.00
21) Naphthalene-d8	11.051	136	116878	20.000	ng	# 0.00
39) Acenaphthene-d10	14.858	164	81941	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	197052	20.000	ng	0.00
76) Chrysene-d12	21.925	240	205310	20.000	ng	0.00
86) Perylene-d12	25.385	264	214586	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	178467	104.018	ng	0.00
7) Phenol-d6	7.362	99	247997	102.867	ng	0.00
23) Nitrobenzene-d5	9.383	82	172089	67.124	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	117894	100.111	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	370872	62.411	ng	0.00
79) Terphenyl-d14	20.204	244	615477	53.684	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.383	70	23165	14.113	ng	# 71
51) 2,6-Dinitrotoluene	14.858	165	11279	8.234	ng	# 17
57) 2,4-Dinitrotoluene	14.858	165	11279	5.822	ng	# 16
67) 4-Bromophenyl-phenylether	16.350	248	7285	3.059	ng	# 1
70) Pentachlorophenol	17.478	266	63	3.881	ng	# 18

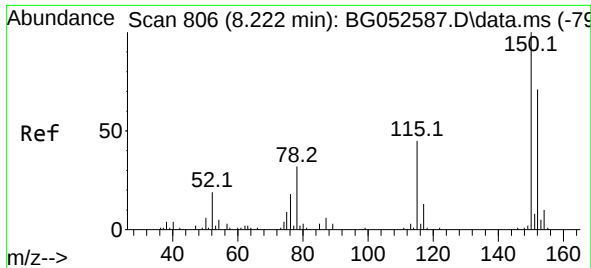
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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19-20-SAMPLE-LOCATION-10

Quant Time: Mar 09 04:19:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

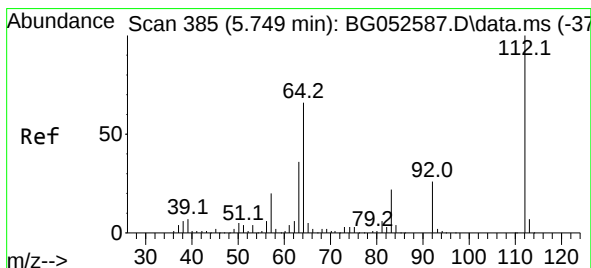
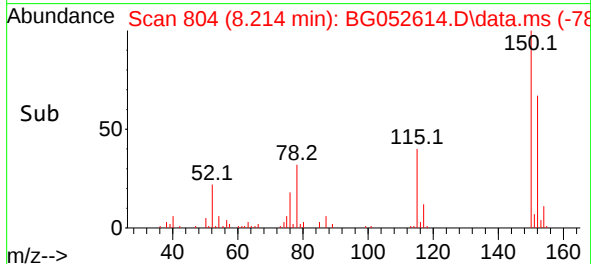
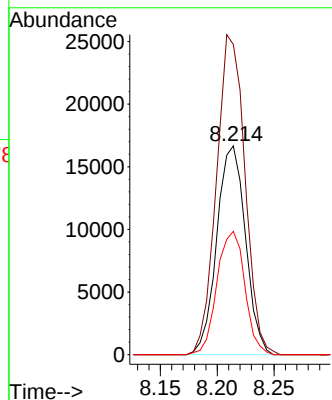
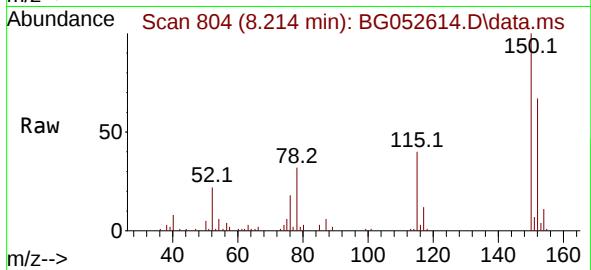




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

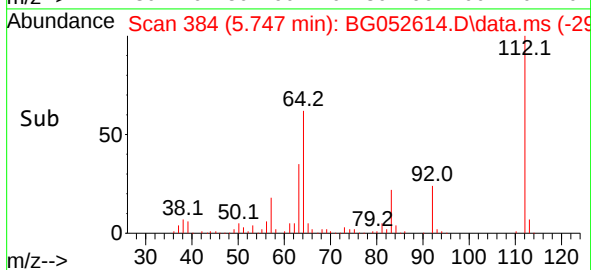
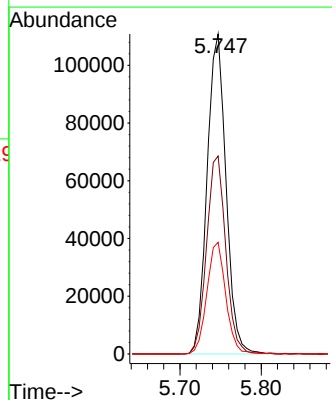
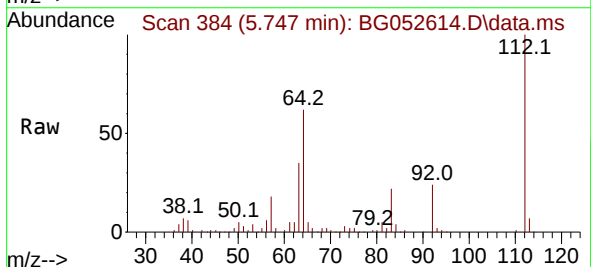
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

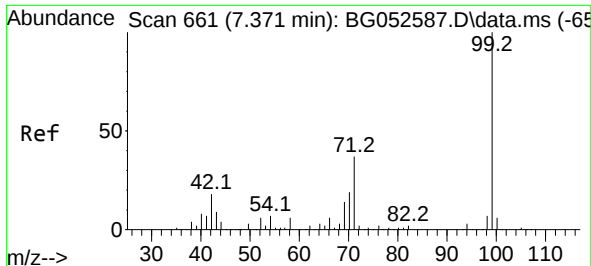
Tgt Ion:152 Resp: 29231
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.8
115 59.1 50.2 75.2



#5
2-Fluorophenol
Concen: 104.018 ng
RT: 5.747 min Scan# 384
Delta R.T. -0.002 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

Tgt Ion:112 Resp: 178467
Ion Ratio Lower Upper
112 100
64 61.8 60.4 90.6
63 34.9 33.3 49.9

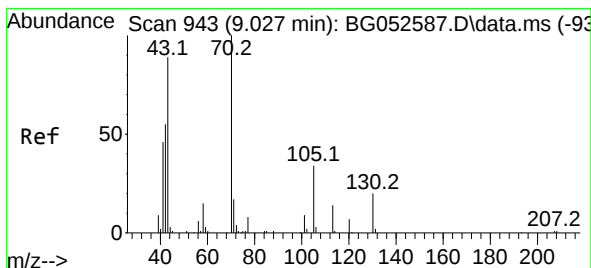
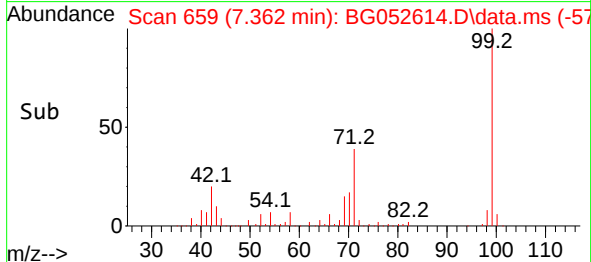
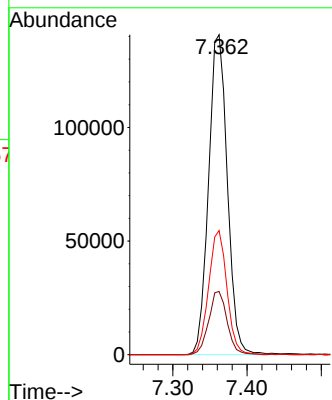
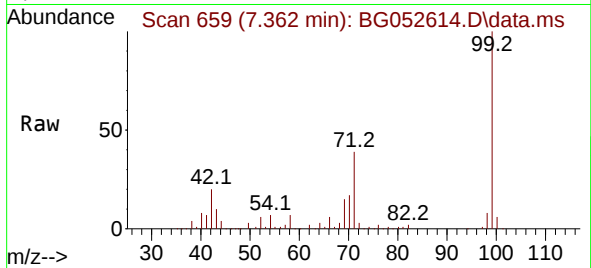




#7
Phenol-d6
Concen: 102.867 ng
RT: 7.362 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

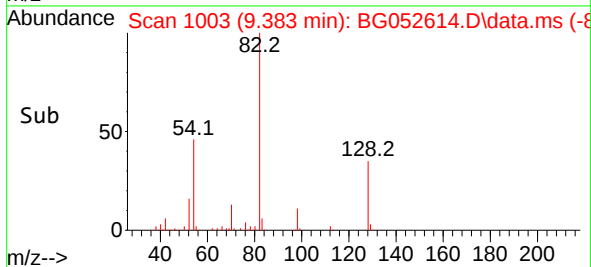
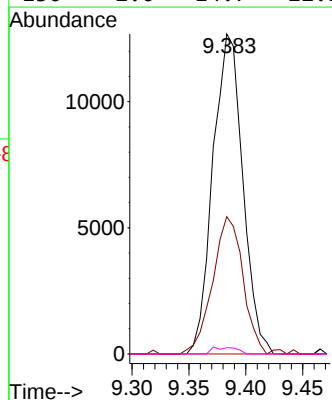
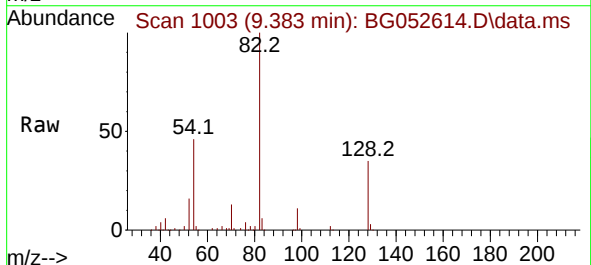
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

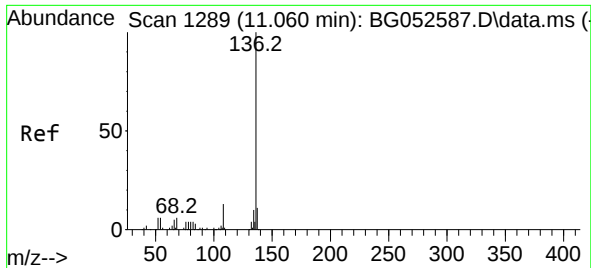
Tgt Ion: 99 Resp: 247997
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 38.8 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.113 ng
RT: 9.383 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

Tgt Ion: 70 Resp: 23165
Ion Ratio Lower Upper
70 100
42 42.9 51.8 77.6#
101 0.0 6.6 10.0#
130 2.0 14.7 22.1#

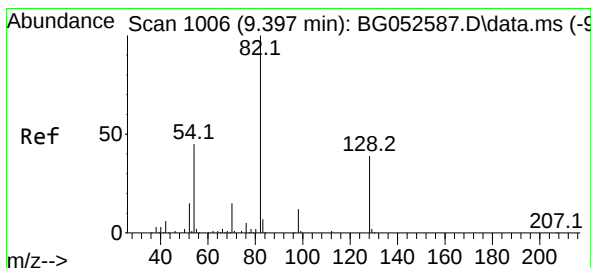
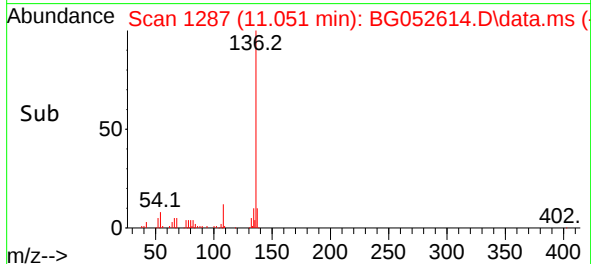
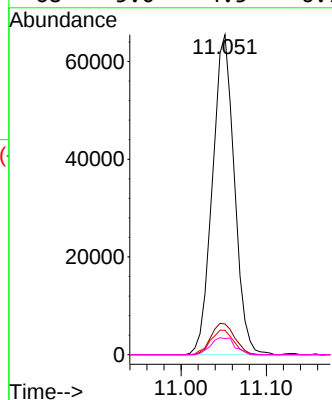
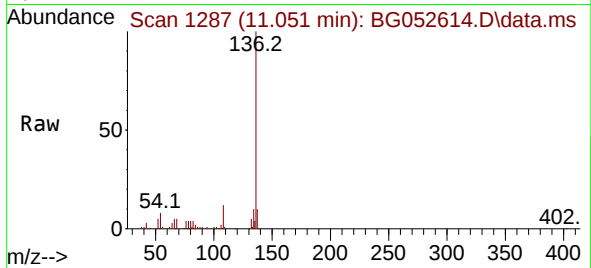




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.051 min Scan# 1103
Delta R.T. -0.009 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

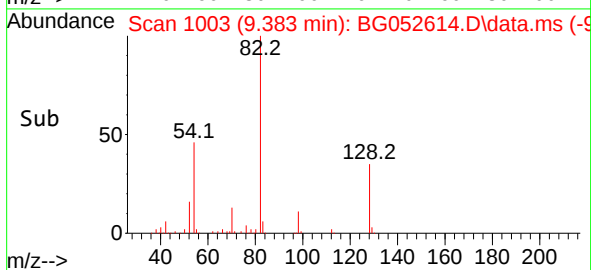
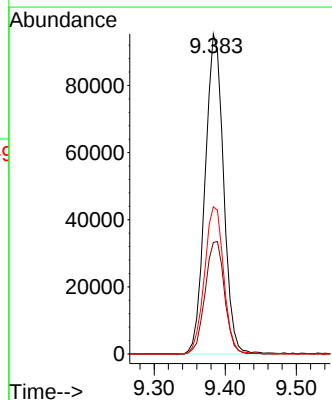
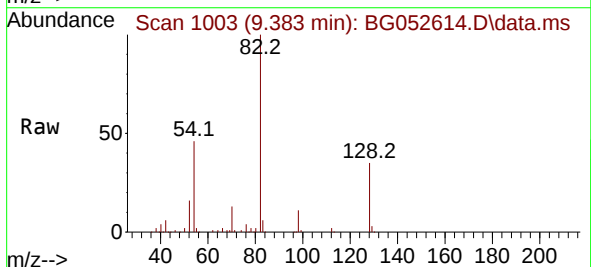
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

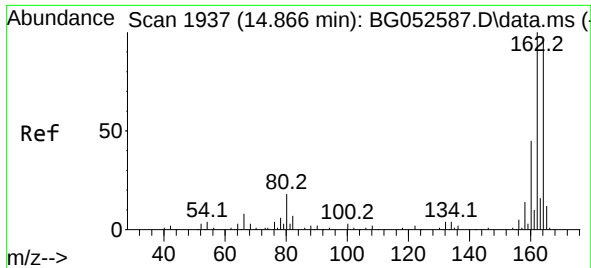
Tgt Ion:136 Resp: 116878
Ion Ratio Lower Upper
136 100
137 9.6 9.1 13.7
54 7.6 8.3 12.5#
68 5.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 67.124 ng
RT: 9.383 min Scan# 1003
Delta R.T. -0.014 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

Tgt Ion: 82 Resp: 172089
Ion Ratio Lower Upper
82 100
128 34.8 27.0 40.4
54 46.0 41.0 61.6

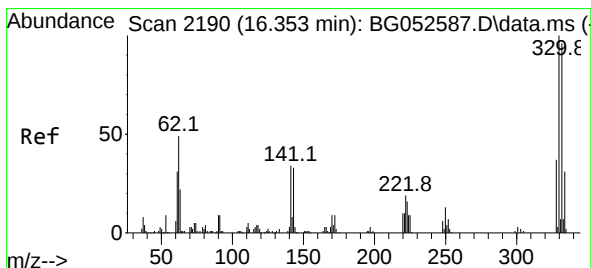
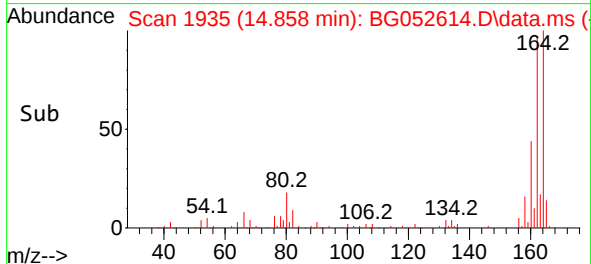
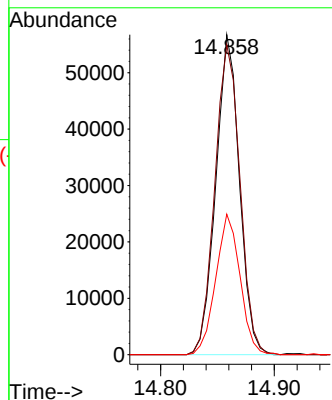
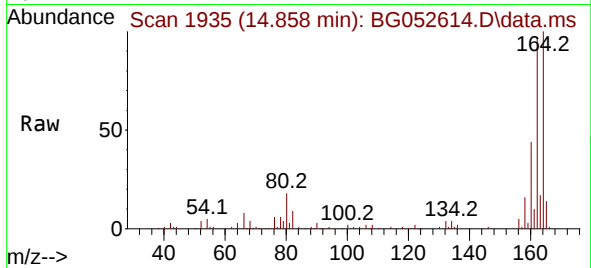




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.858 min Scan# 1935
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

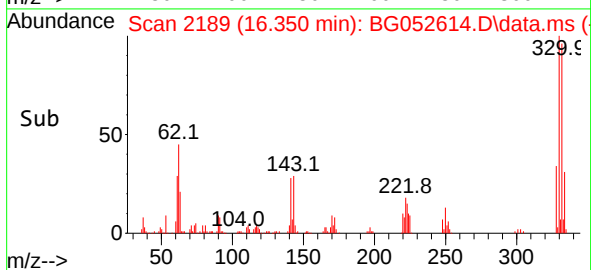
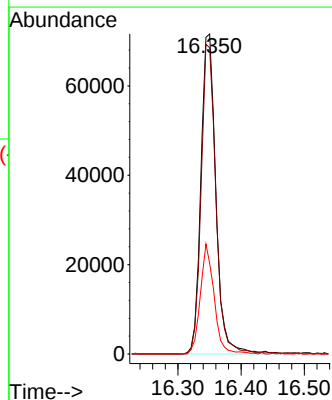
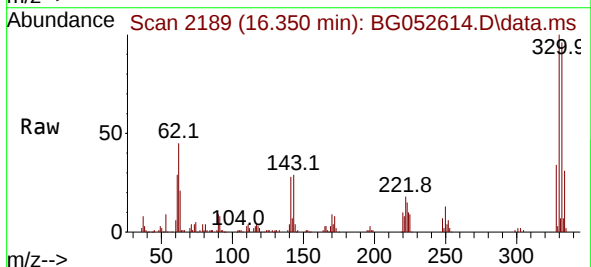
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

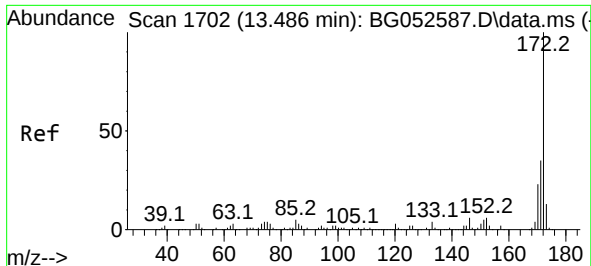
Tgt Ion:164 Resp: 81941
Ion Ratio Lower Upper
164 100
162 96.8 82.2 123.2
160 43.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 100.111 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

Tgt Ion:330 Resp: 117894
Ion Ratio Lower Upper
330 100
332 94.7 78.6 117.8
141 31.5 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 62.411 ng

RT: 13.478 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG052614.D

Acq: 8 Mar 2022 21:14

Instrument :

BNA_G

ClientSampleId :

19-20-SAMPLE-LOCATION-10

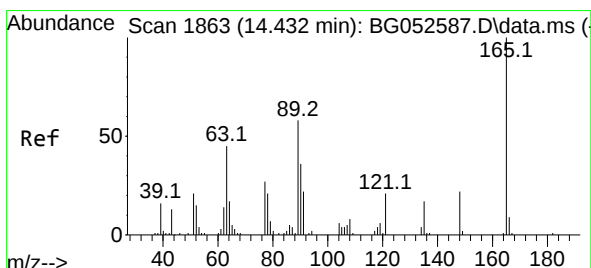
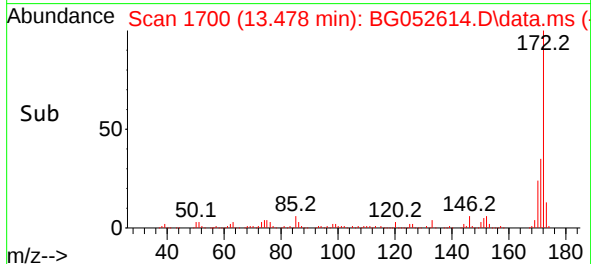
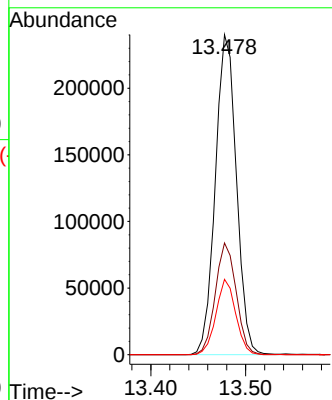
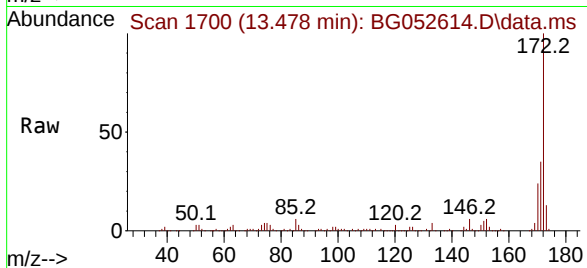
Tgt Ion:172 Resp: 370872

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 8.234 ng

RT: 14.858 min Scan# 1935

Delta R.T. 0.426 min

Lab File: BG052614.D

Acq: 8 Mar 2022 21:14

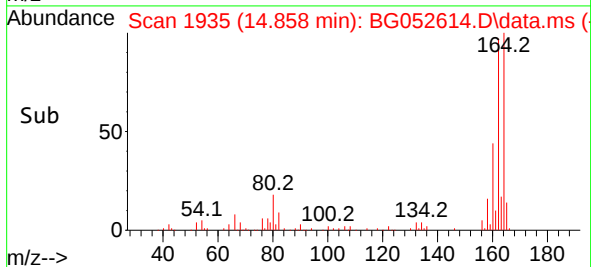
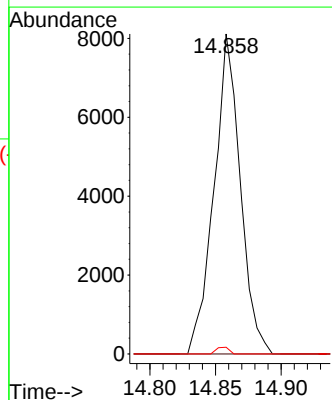
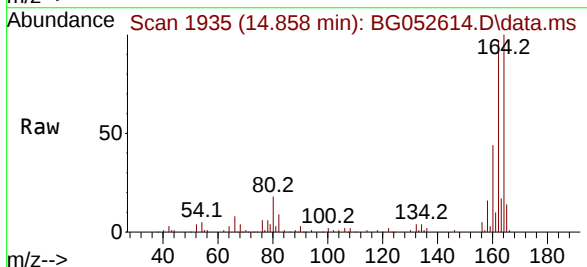
Tgt Ion:165 Resp: 11279

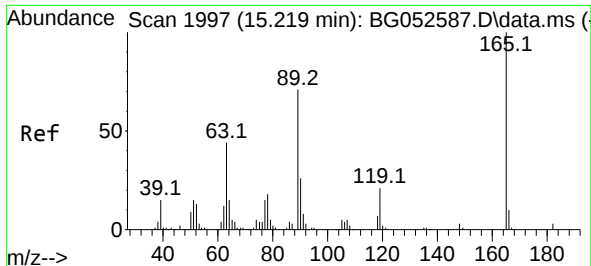
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.4#

89 2.1 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.822 ng

RT: 14.858 min Scan# 1997

Delta R.T. -0.361 min

Lab File: BG052614.D

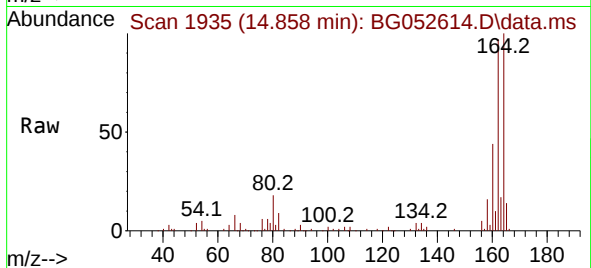
Acq: 8 Mar 2022 21:14

Instrument :

BNA_G

ClientSampleId :

19-20-SAMPLE-LOCATION-10



Tgt Ion:165 Resp: 11279

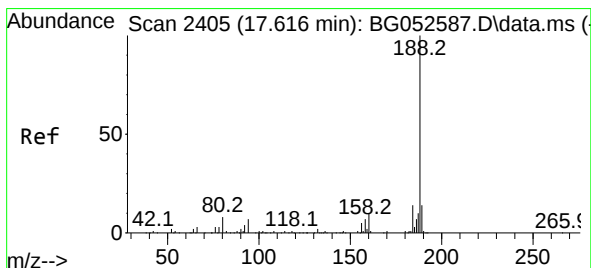
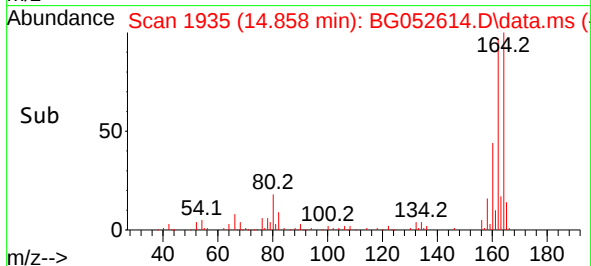
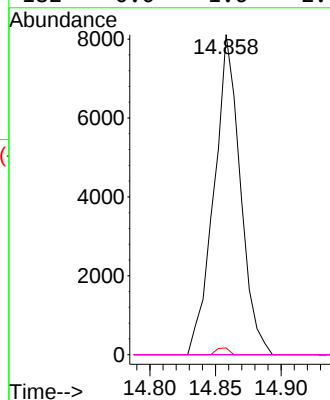
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.1 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2403

Delta R.T. -0.009 min

Lab File: BG052614.D

Acq: 8 Mar 2022 21:14

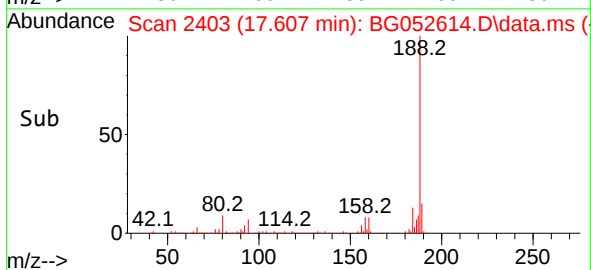
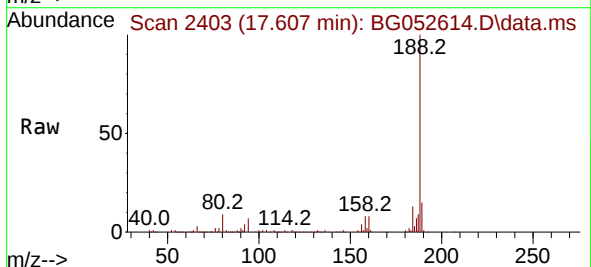
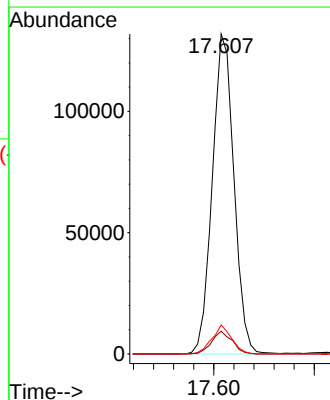
Tgt Ion:188 Resp: 197052

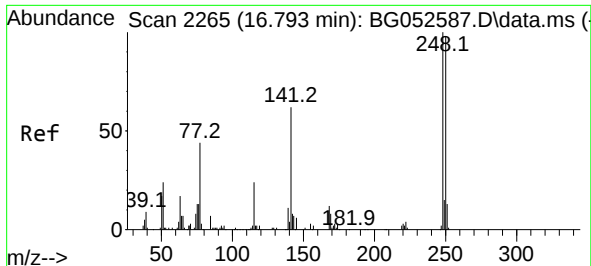
Ion Ratio Lower Upper

188 100

94 7.1 5.9 8.9

80 9.1 6.6 10.0

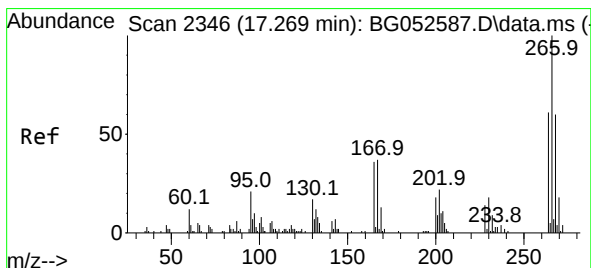
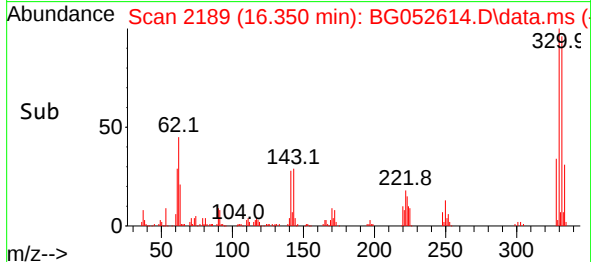
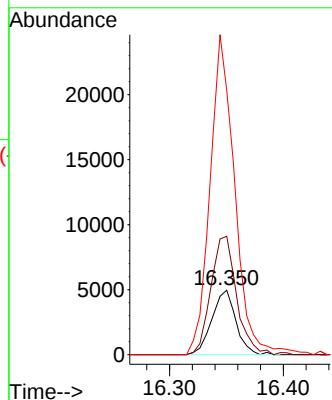
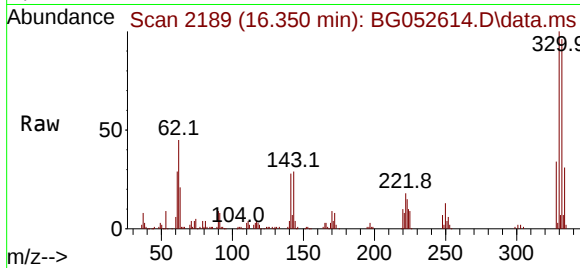




#67
4-Bromophenyl-phenylether
Concen: 3.059 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

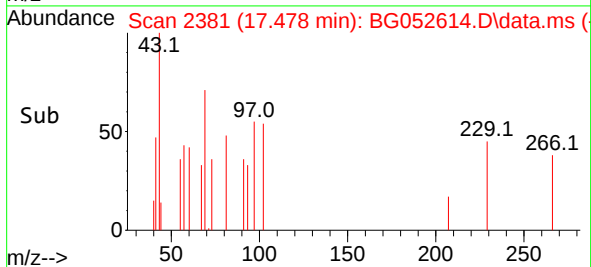
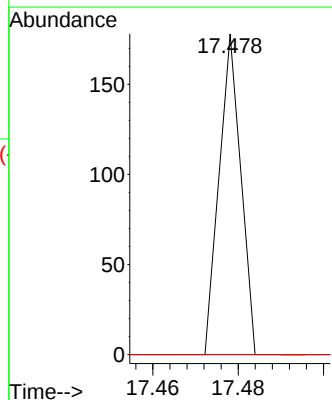
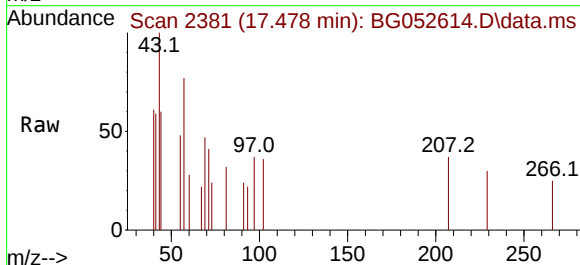
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

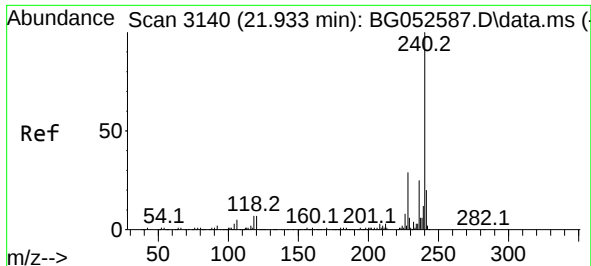
Tgt Ion:248 Resp: 7285
Ion Ratio Lower Upper
248 100
250 183.8 79.6 119.4#
141 409.8 54.6 81.8#



#70
Pentachlorophenol
Concen: 3.881 ng
RT: 17.478 min Scan# 2381
Delta R.T. 0.209 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

Tgt Ion:266 Resp: 63
Ion Ratio Lower Upper
266 100
268 0.0 50.6 75.8#
264 0.0 52.2 78.2#

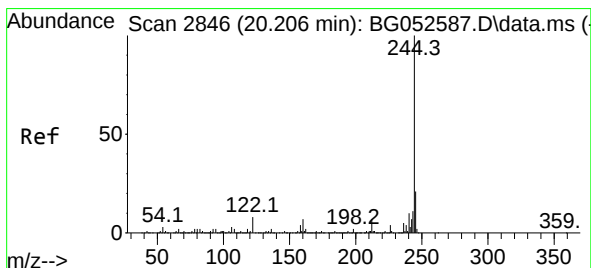
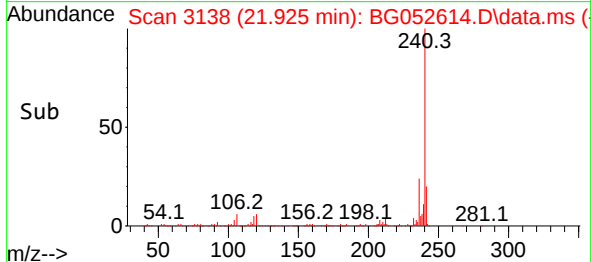
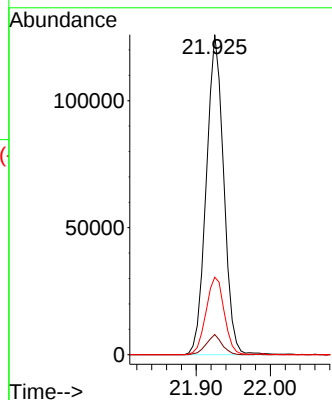
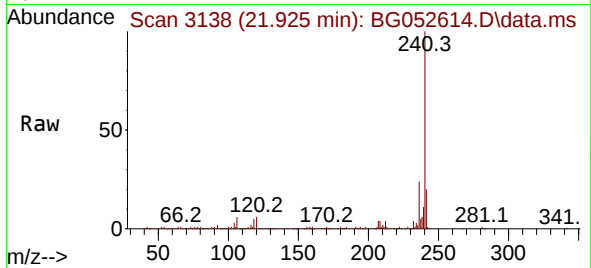




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

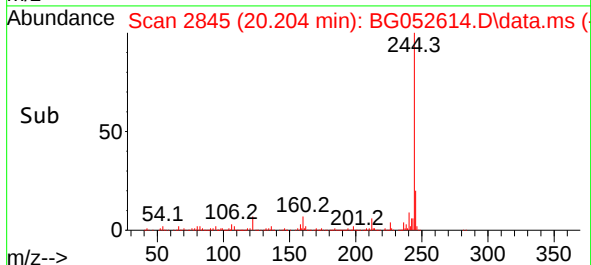
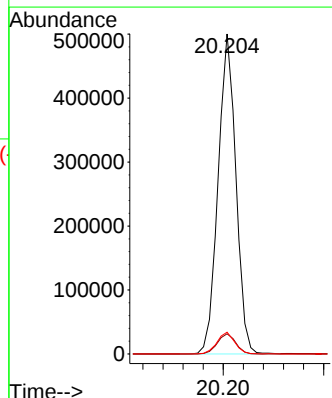
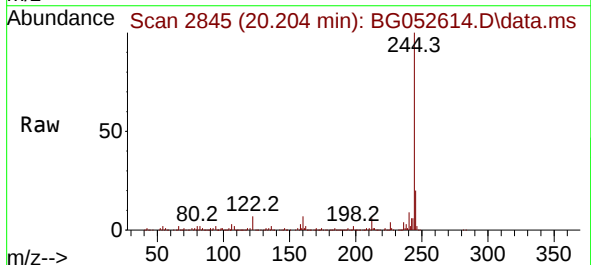
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

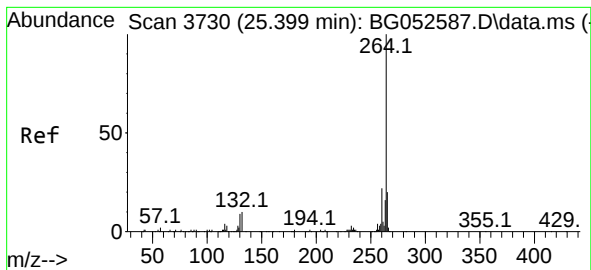
Tgt Ion:240 Resp: 205310
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 24.2 20.8 31.2



#79
Terphenyl-d14
Concen: 53.684 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.002 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

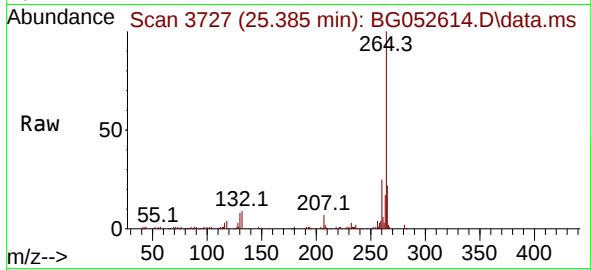
Tgt Ion:244 Resp: 615477
Ion Ratio Lower Upper
244 100
212 6.3 6.0 9.0
122 6.8 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG052614.D
 Acq: 8 Mar 2022 21:14

Instrument :
 BNA_G
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10



Tgt Ion:264 Resp: 214586
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.5 27.7
 265 21.8 17.8 26.6

