

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

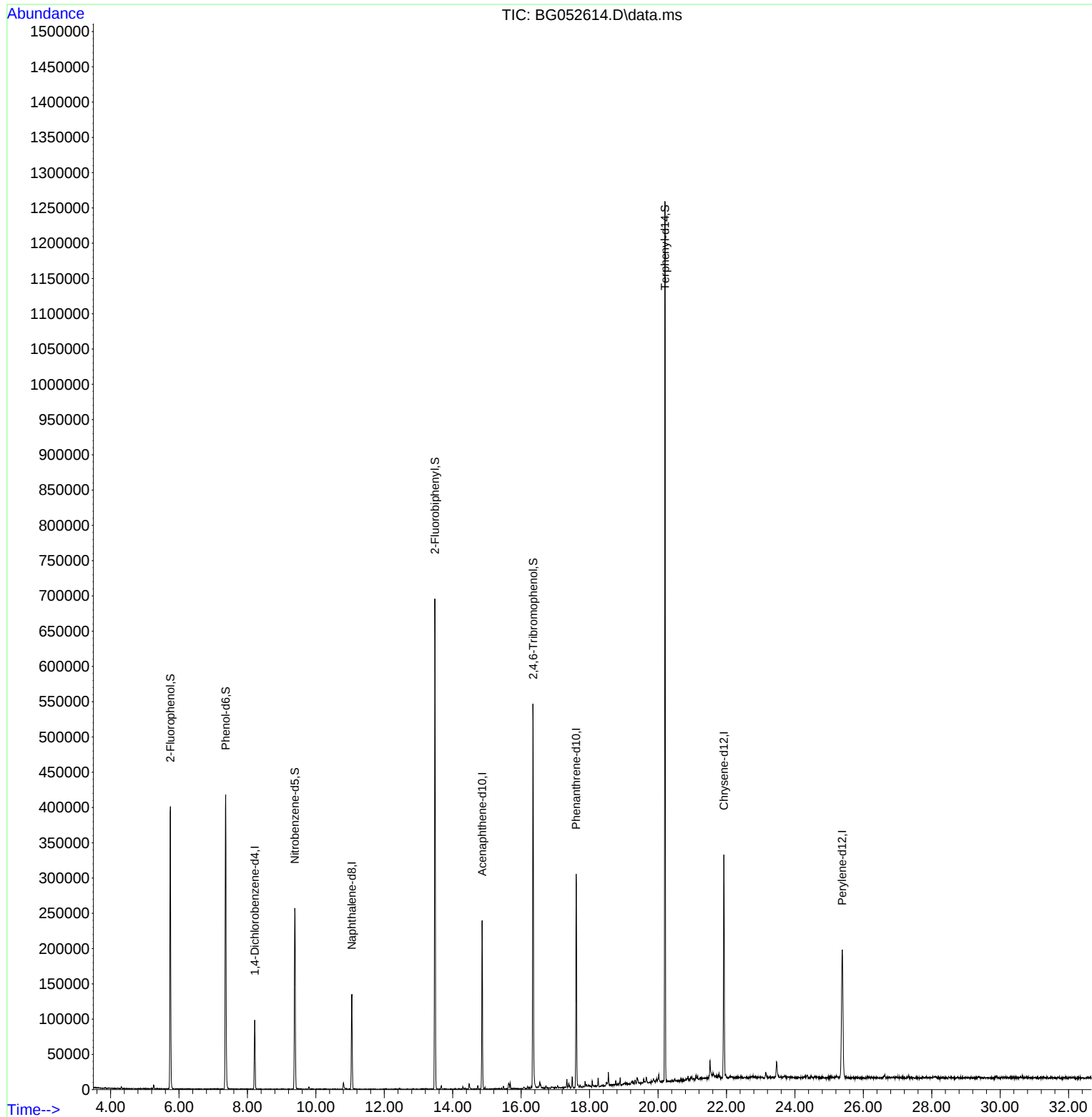
Target Compounds	Qvalue

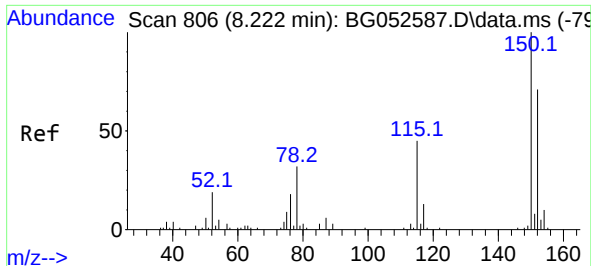
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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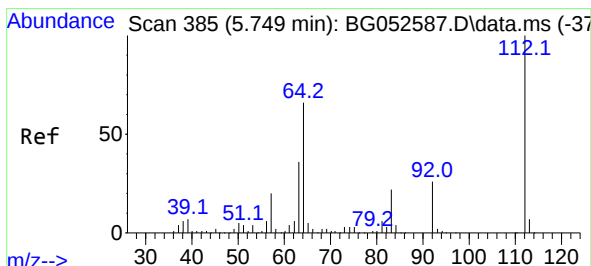
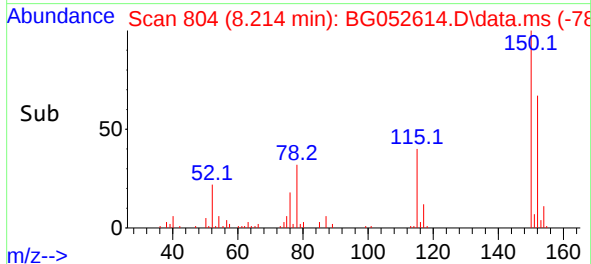
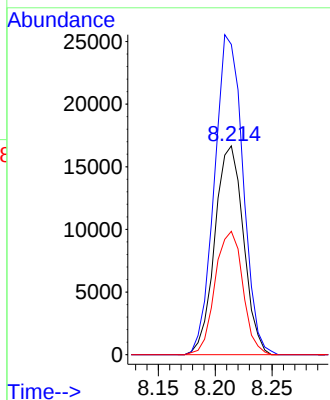
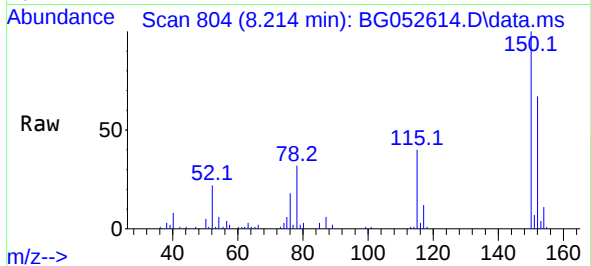




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

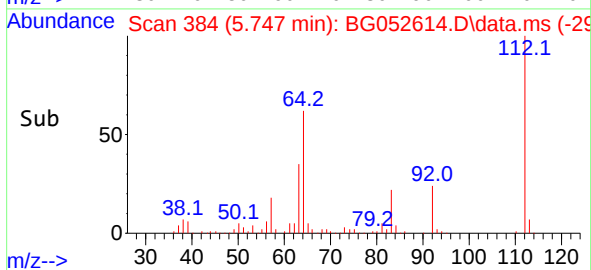
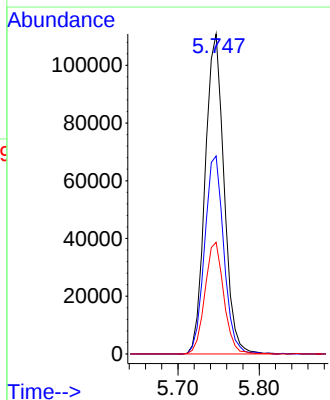
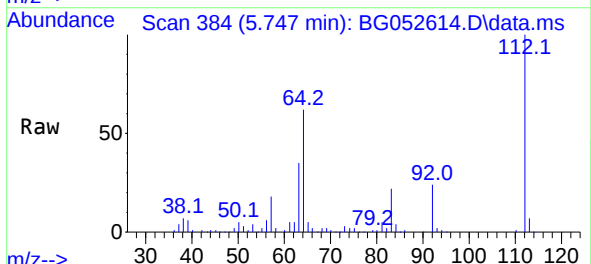
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

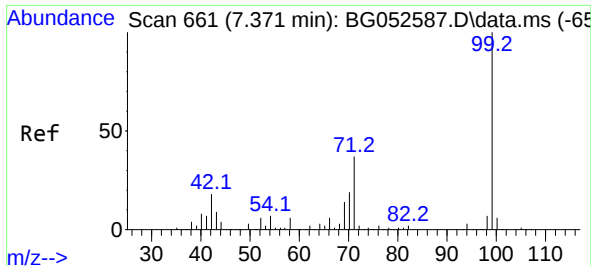
Tgt Ion:152 Resp: 29231
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.8
115 59.1 50.2 75.2



#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

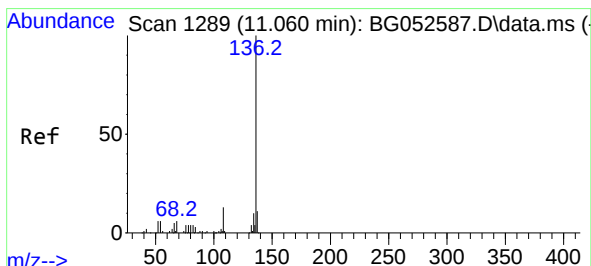
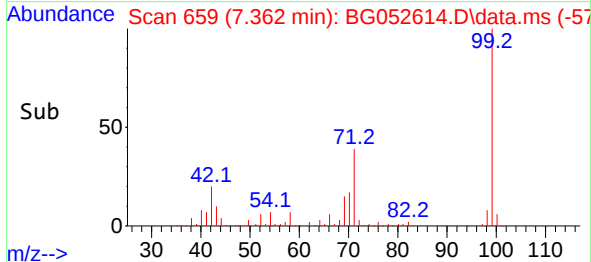
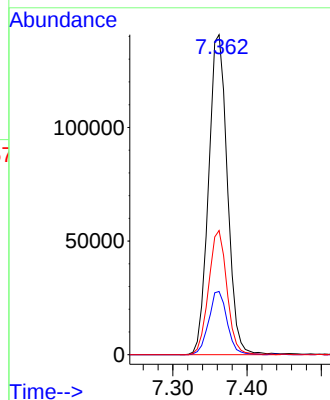
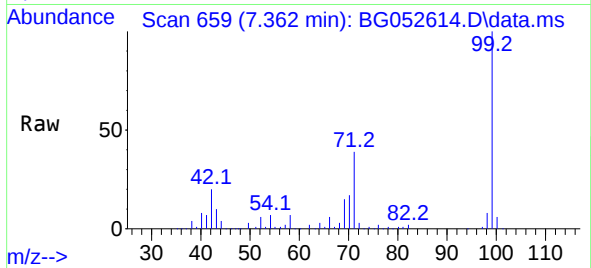




#7
Phenol-d6
Concen: 102.867 ng
RT: 7.362 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

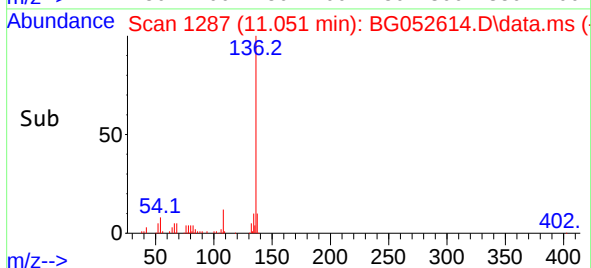
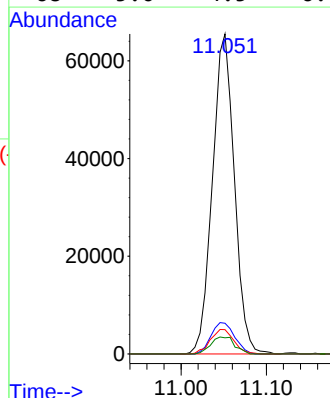
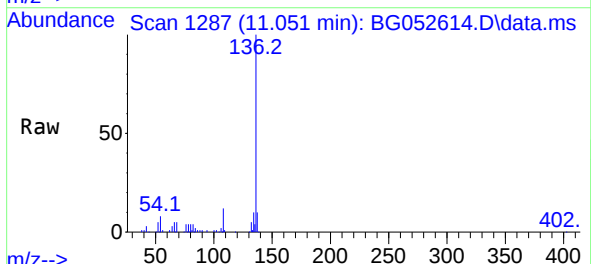
Instrument :
BNA_G
ClientSampleId :
19-20-SAMPLE-LOCATION-10

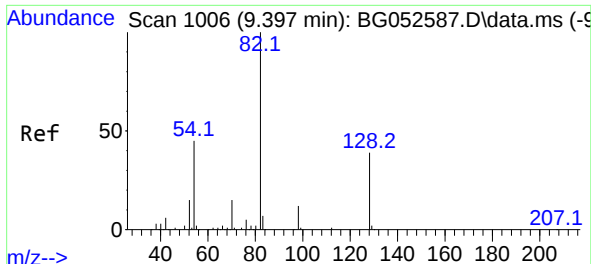
Tgt Ion: 99 Resp: 247997
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 38.8 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.051 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

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

Instrument :

BNA_G

ClientSampleId :

19-20-SAMPLE-LOCATION-10

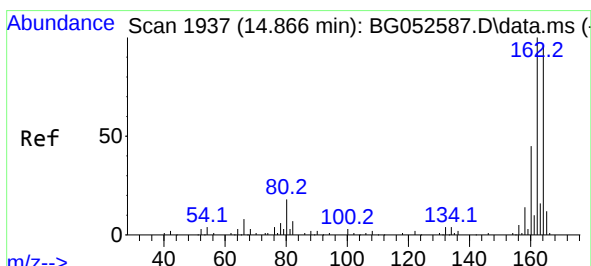
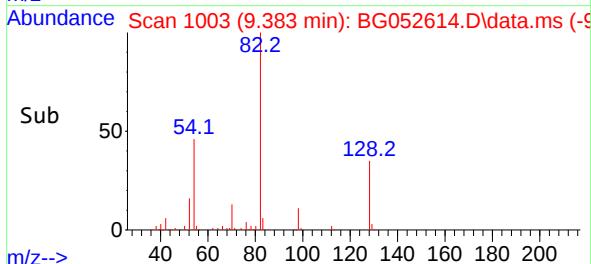
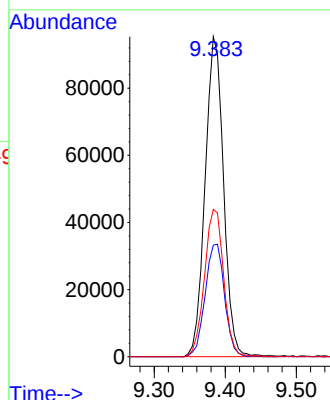
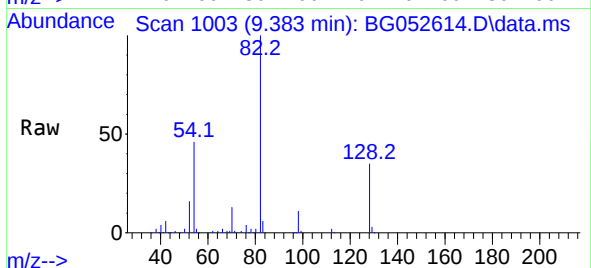
Tgt Ion: 82 Resp: 172089

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

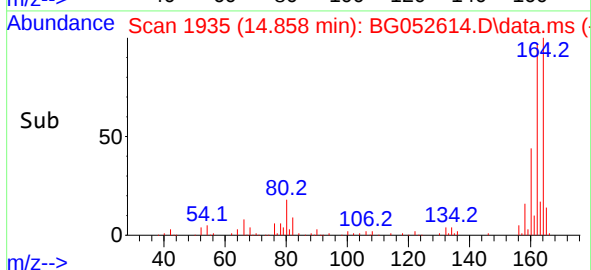
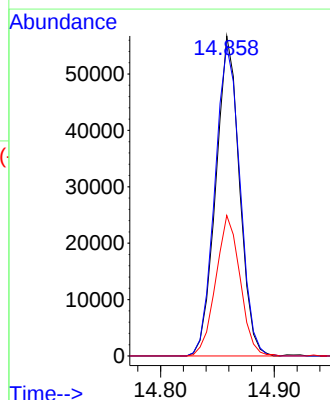
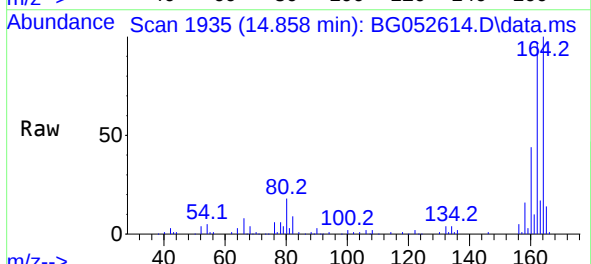
Tgt Ion:164 Resp: 81941

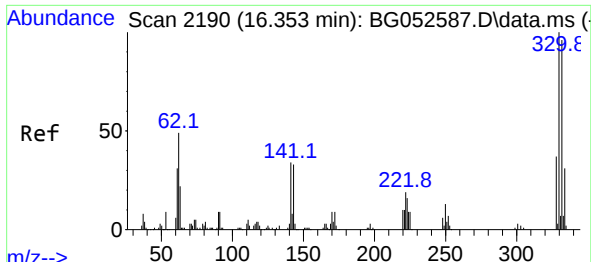
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.002 min

Lab File: BG052614.D

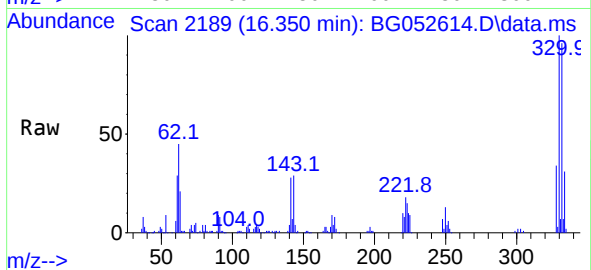
Acq: 8 Mar 2022 21:14

Instrument :

BNA_G

ClientSampleId :

19-20-SAMPLE-LOCATION-10



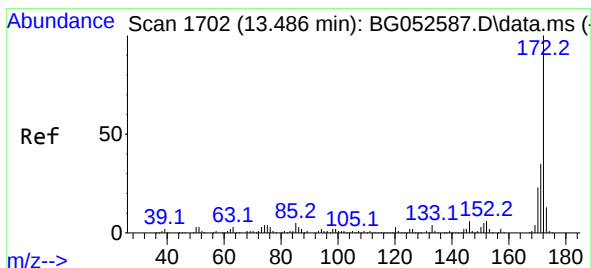
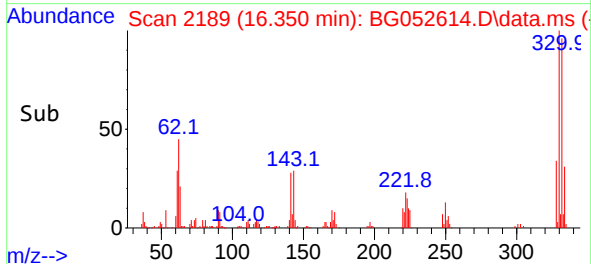
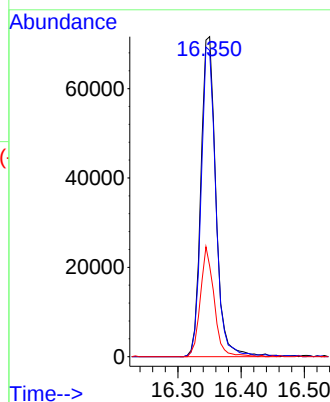
Tgt Ion:330 Resp: 117894

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# 1700

Delta R.T. -0.008 min

Lab File: BG052614.D

Acq: 8 Mar 2022 21:14

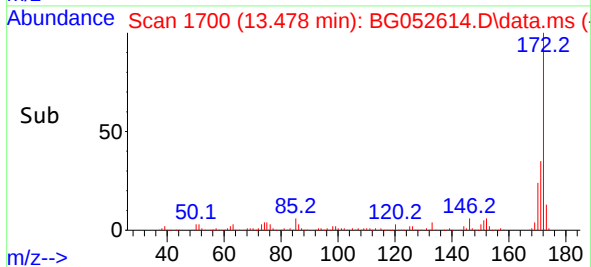
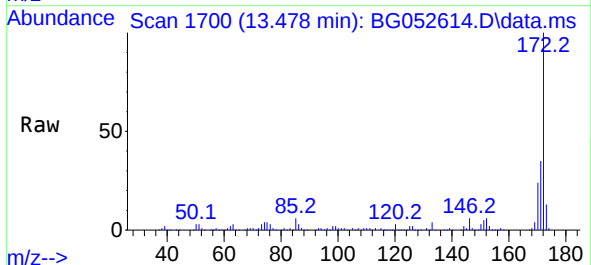
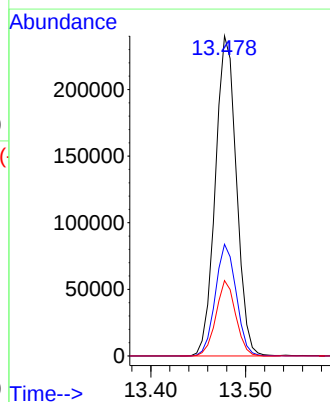
Tgt Ion:172 Resp: 370872

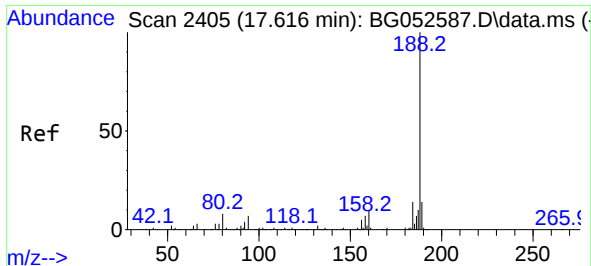
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 18.3 27.5

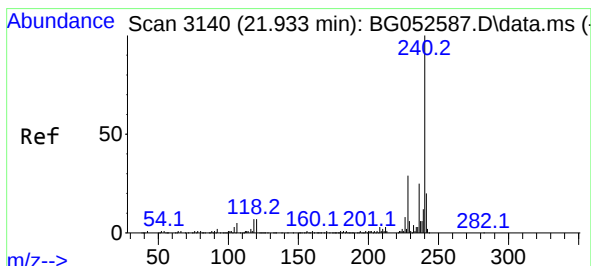
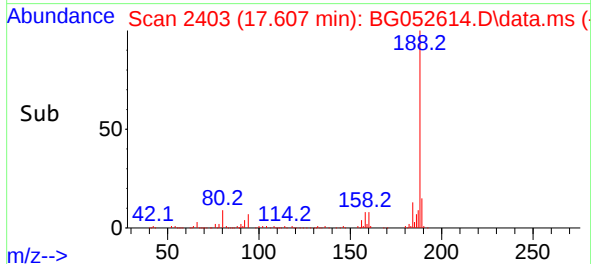
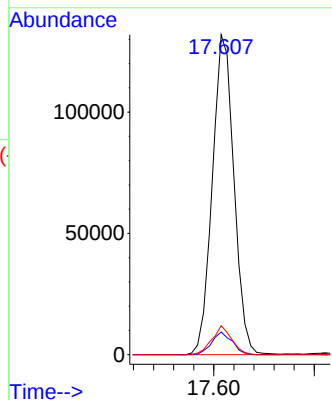
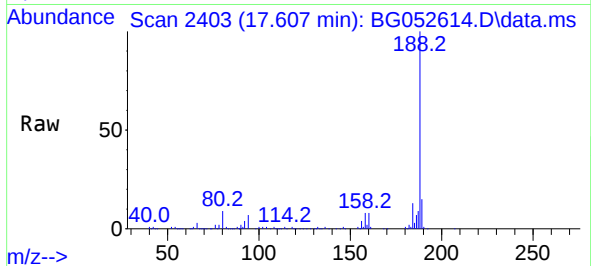




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

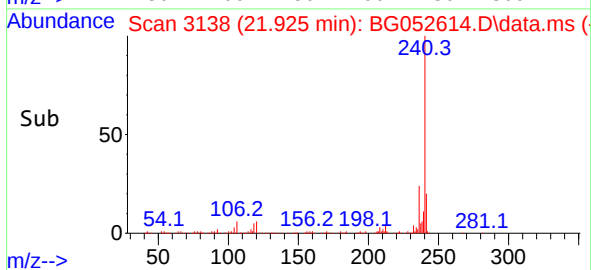
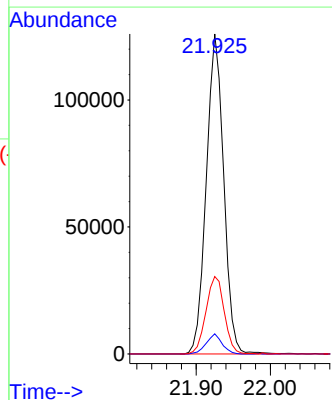
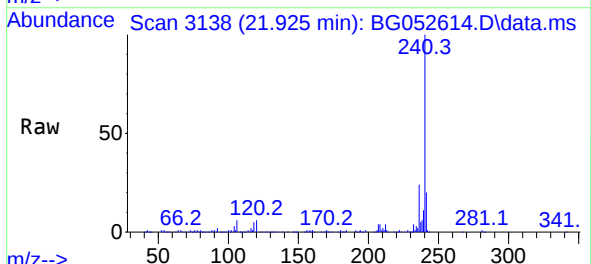
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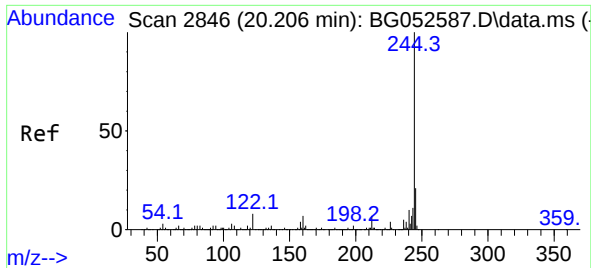
Tgt Ion:188 Resp: 197052
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 9.1 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

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

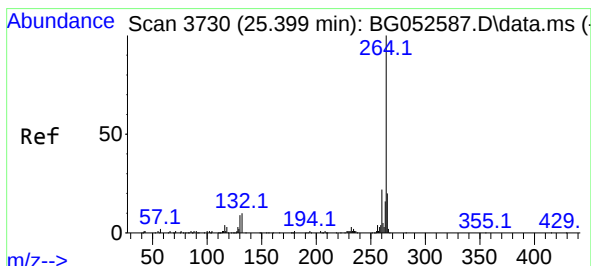
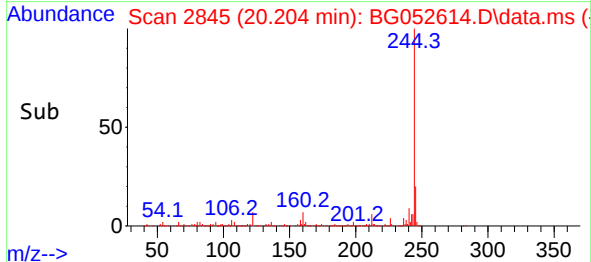
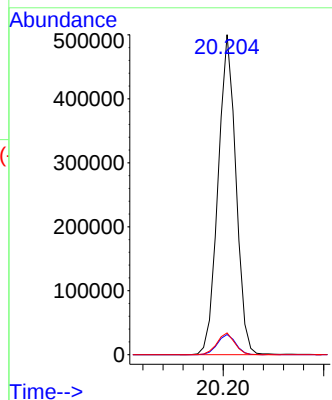
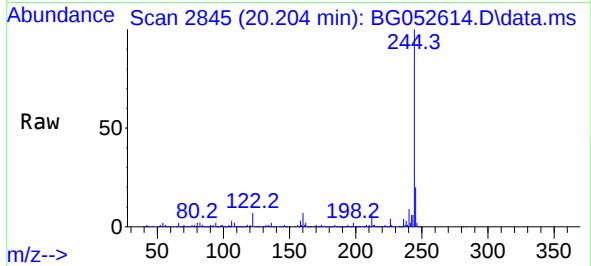




#79
Terphenyl-d14
Concen: 53.684 ng
RT: 20.204 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

Instrument :
BNA_G
ClientSampleId :
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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# 3727
Delta R.T. -0.014 min
Lab File: BG052614.D
Acq: 8 Mar 2022 21:14

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

