

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052612.D
 Acq On : 8 Mar 2022 19:57
 Operator : CG/JU
 Sample : N1825-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUM-32

Quant Time: Mar 09 04:19:08 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	28265	20.000	ng	0.00
21) Naphthalene-d8	11.051	136	115932	20.000	ng	# 0.00
39) Acenaphthene-d10	14.858	164	80609	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	201659	20.000	ng	# 0.00
76) Chrysene-d12	21.925	240	205708	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	207557	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	181781	109.570	ng	0.00
7) Phenol-d6	7.362	99	248985	106.806	ng	0.00
23) Nitrobenzene-d5	9.383	82	175223	68.905	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	122370	105.628	ng	0.00
45) 2-Fluorobiphenyl	13.483	172	409046	69.972	ng	0.00
79) Terphenyl-d14	20.204	244	778890	67.805	ng	0.00

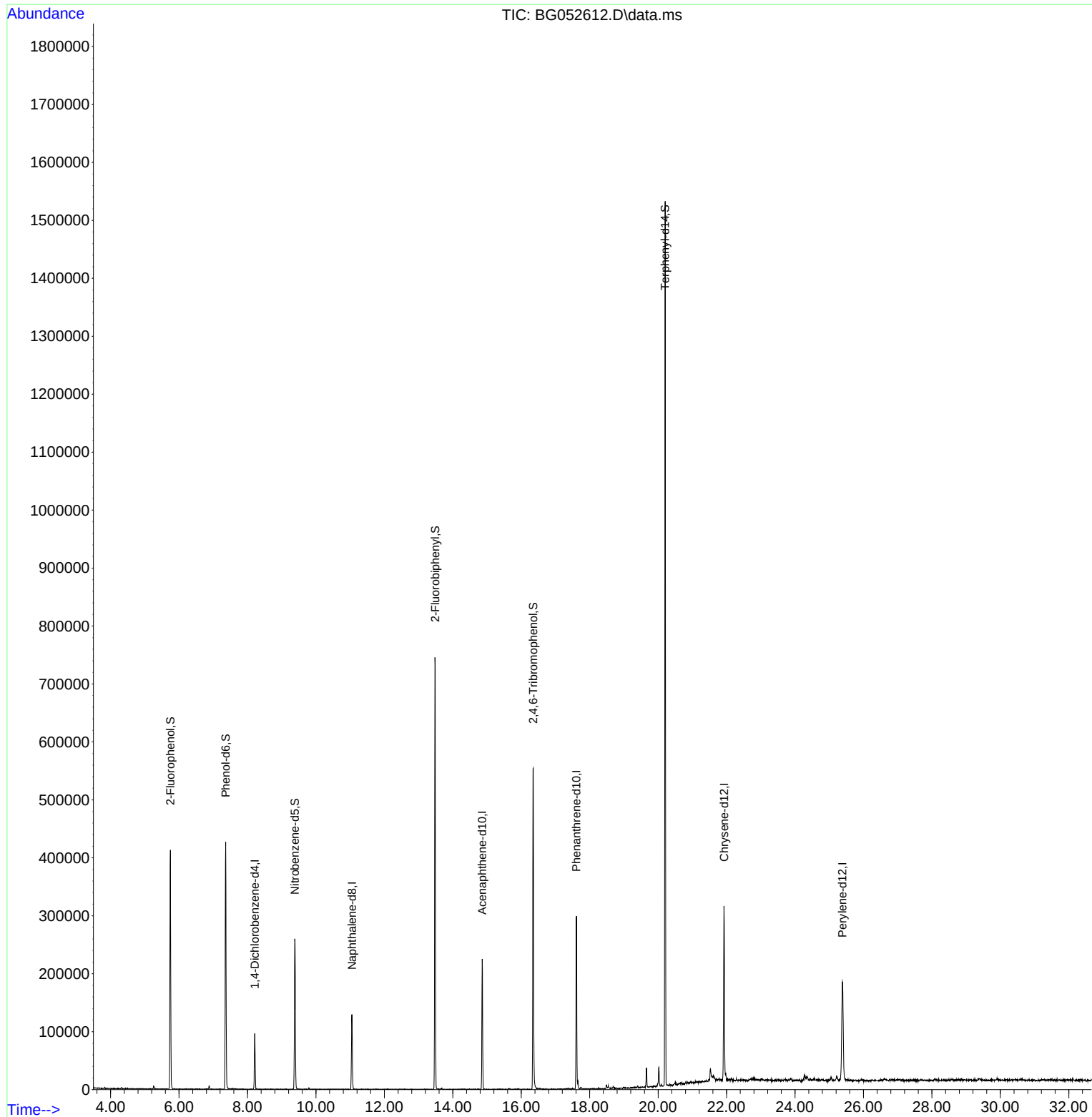
Target Compounds	Qvalue

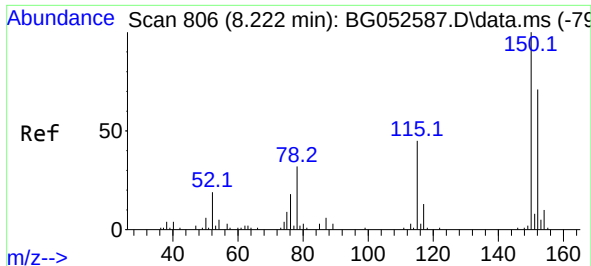
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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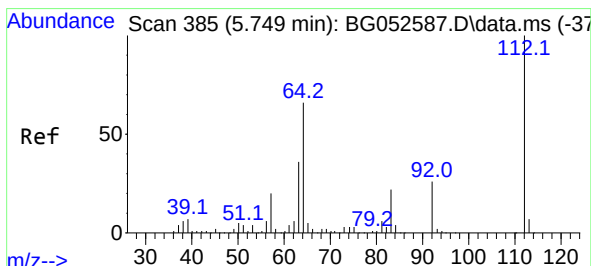
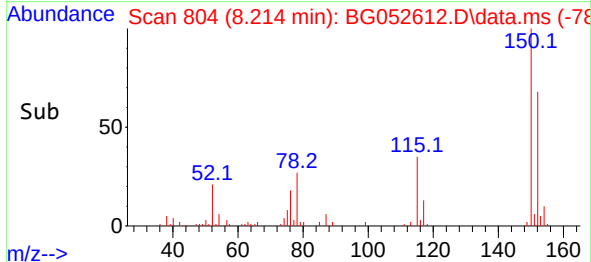
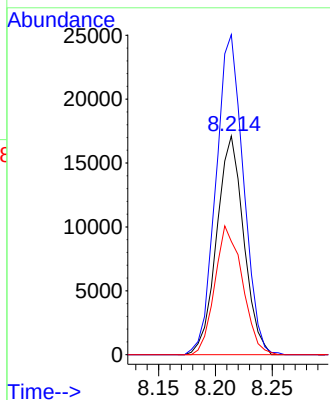
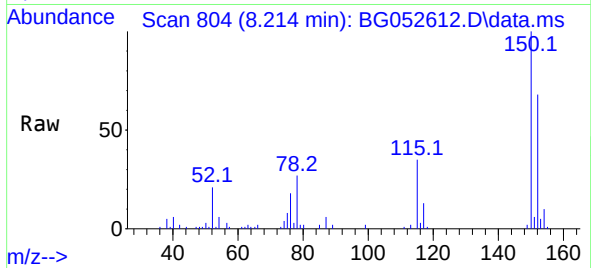




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 804
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

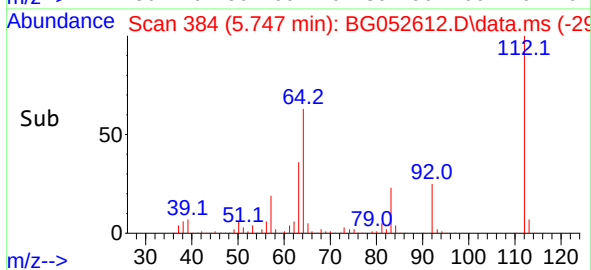
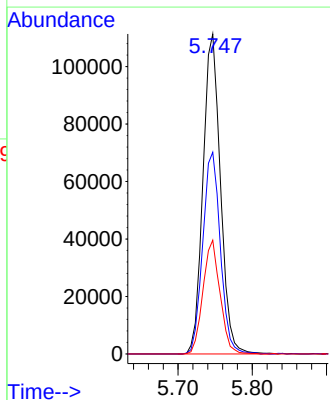
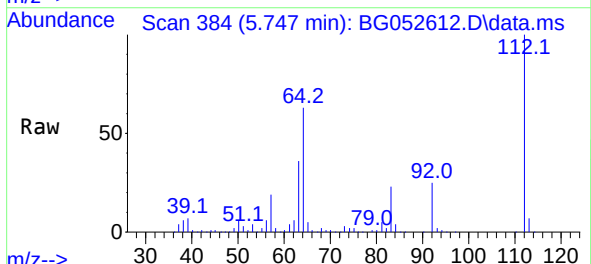
Instrument :
BNA_G
ClientSampleId :
DUM-32

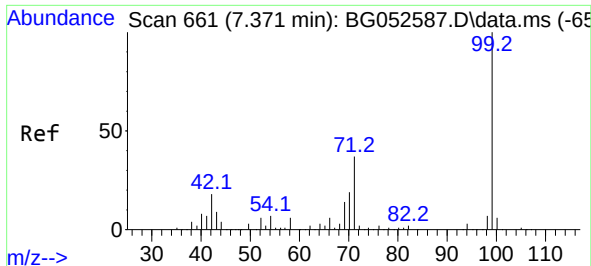
Tgt Ion:152 Resp: 28265
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 51.8 50.2 75.2



#5
2-Fluorophenol
Concen: 109.570 ng
RT: 5.747 min Scan# 384
Delta R.T. -0.003 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:112 Resp: 181781
Ion Ratio Lower Upper
112 100
64 63.0 60.4 90.6
63 35.6 33.3 49.9

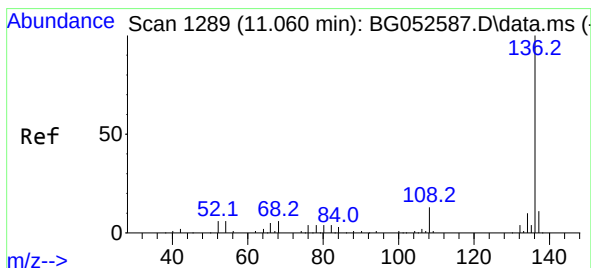
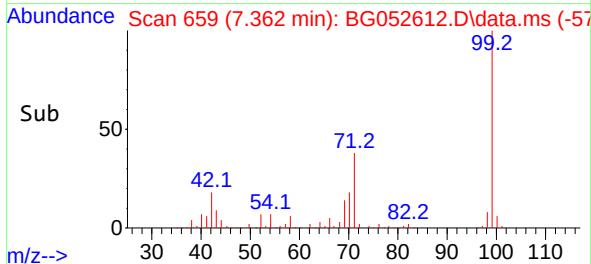
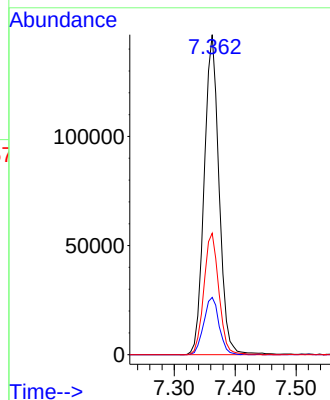
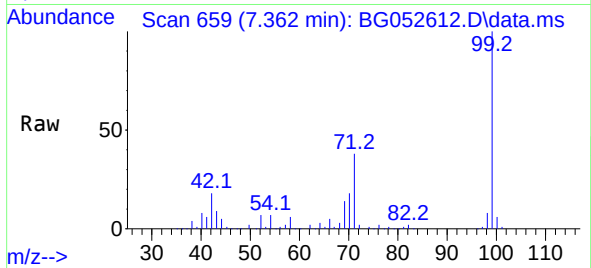




#7
Phenol-d6
Concen: 106.806 ng
RT: 7.362 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

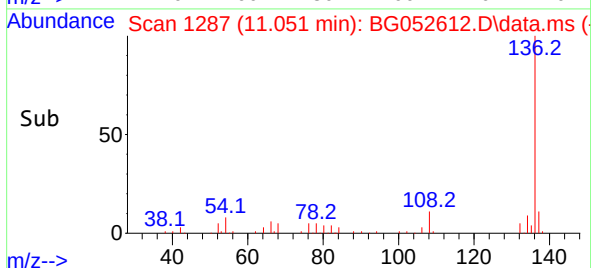
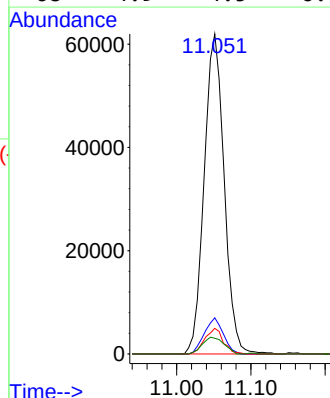
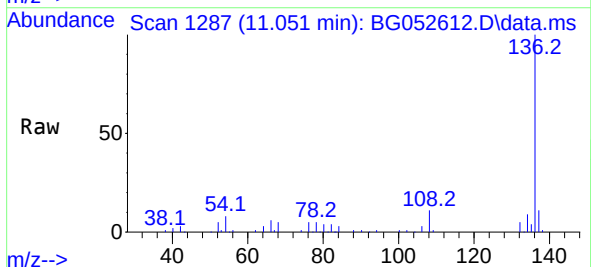
Instrument :
BNA_G
ClientSampleId :
DUM-32

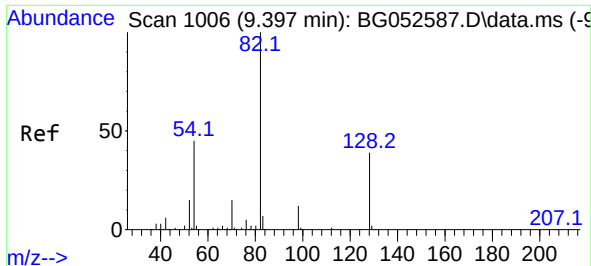
Tgt Ion: 99 Resp: 248985
Ion Ratio Lower Upper
99 100
42 17.9 19.1 28.7#
71 38.0 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.051 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:136 Resp: 115932
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.0 8.3 12.5#
68 4.9 4.5 6.7

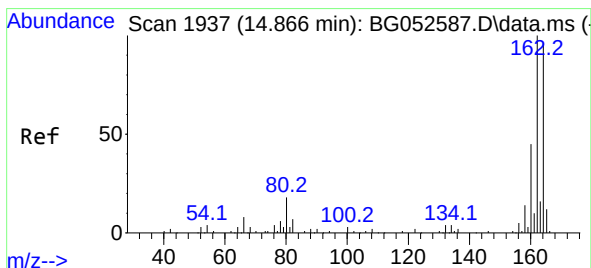
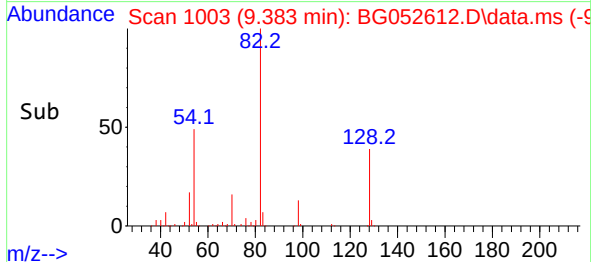
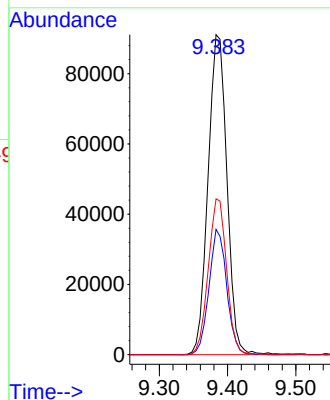
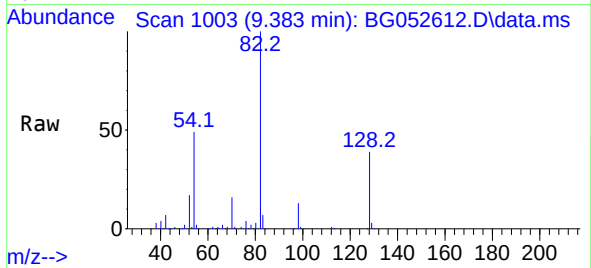




#23
Nitrobenzene-d5
Concen: 68.905 ng
RT: 9.383 min Scan# 10
Delta R.T. -0.014 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

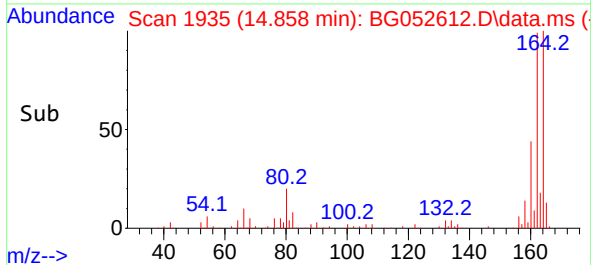
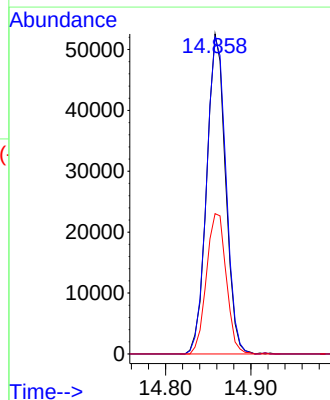
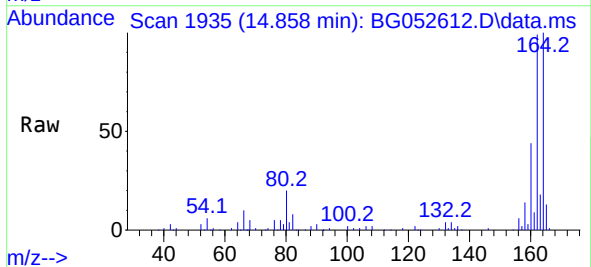
Instrument :
BNA_G
ClientSampleId :
DUM-32

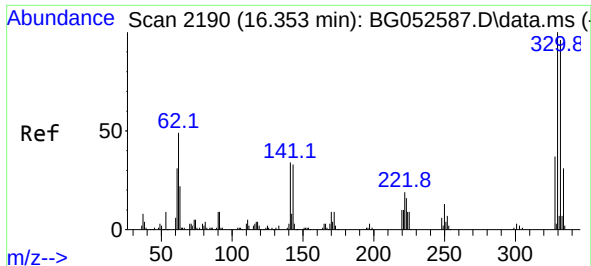
Tgt Ion: 82 Resp: 175223
Ion Ratio Lower Upper
82 100
128 39.2 27.0 40.4
54 48.7 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.858 min Scan# 1935
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:164 Resp: 80609
Ion Ratio Lower Upper
164 100
162 99.0 82.2 123.2
160 43.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 105.628 ng

RT: 16.350 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG052612.D

Acq: 8 Mar 2022 19:57

Instrument :

BNA_G

ClientSampleId :

DUM-32

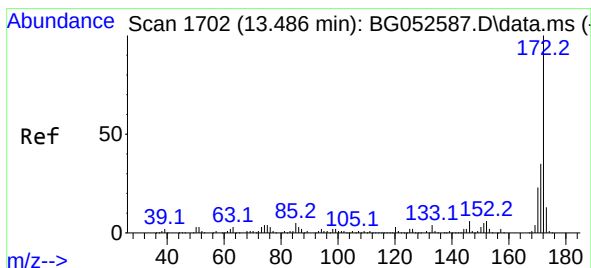
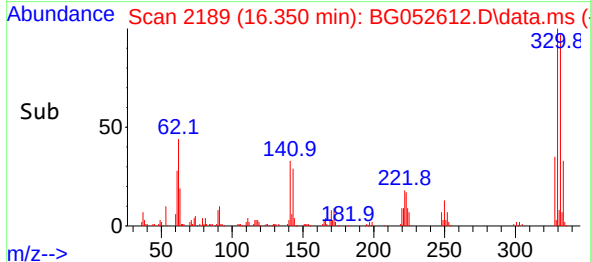
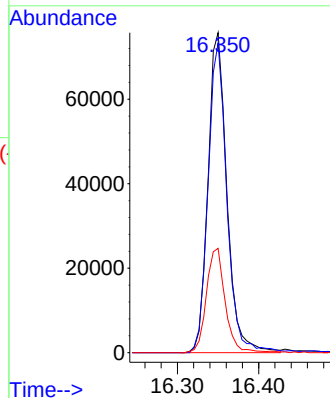
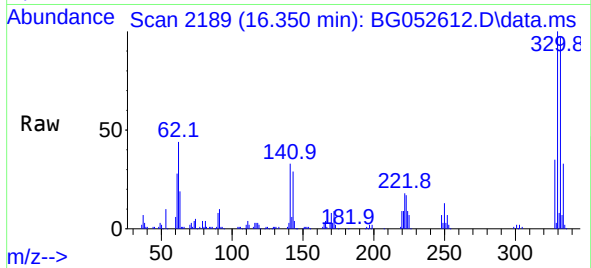
Tgt Ion:330 Resp: 122370

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

141 32.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 69.972 ng

RT: 13.483 min Scan# 1701

Delta R.T. -0.003 min

Lab File: BG052612.D

Acq: 8 Mar 2022 19:57

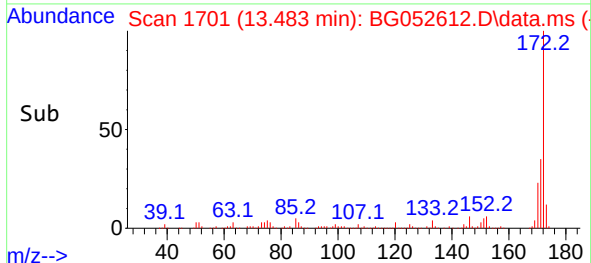
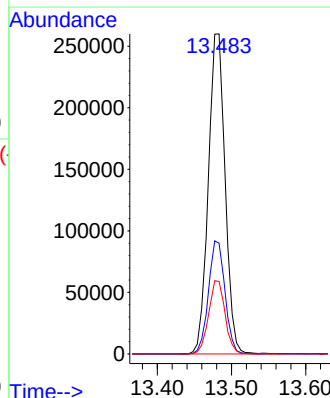
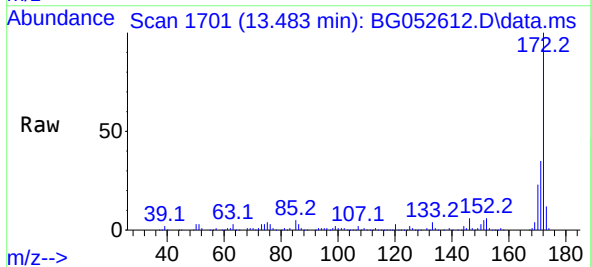
Tgt Ion:172 Resp: 409046

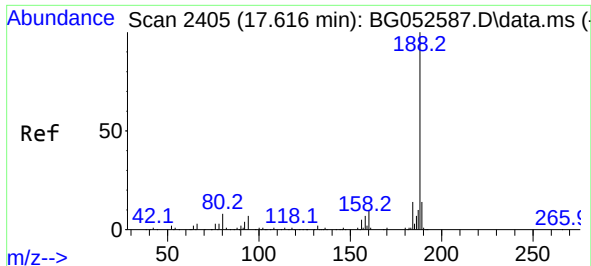
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.6 18.3 27.5

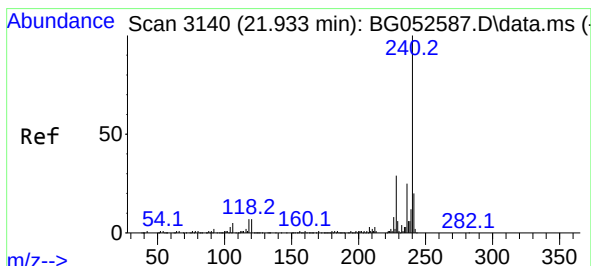
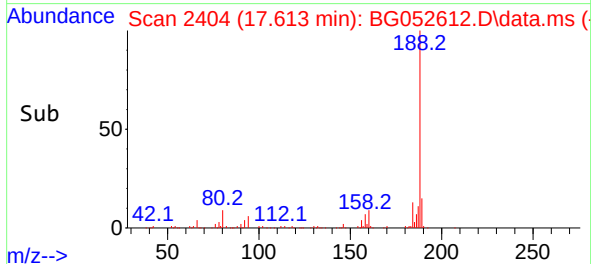
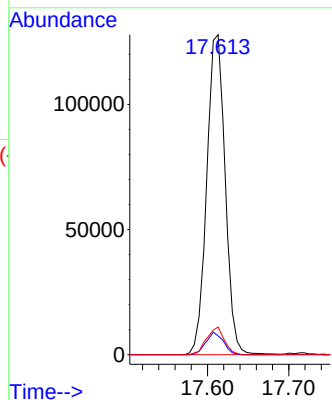
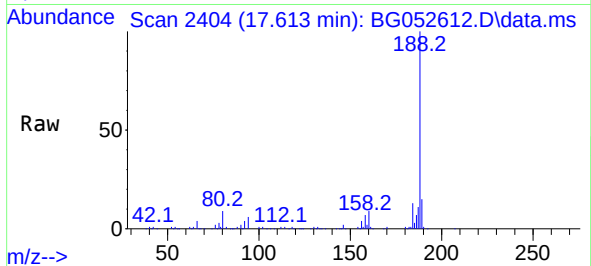




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

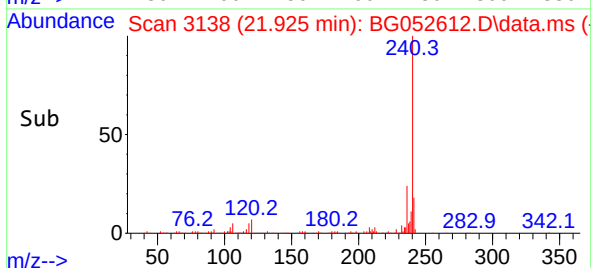
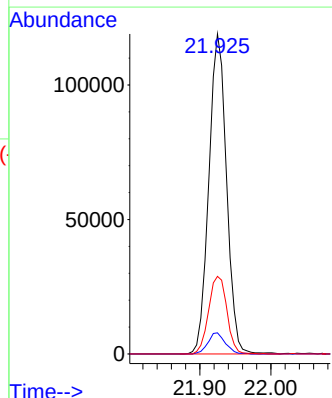
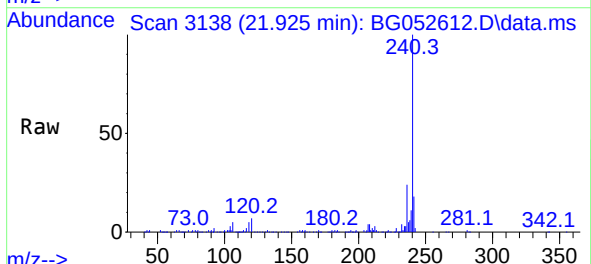
Instrument :
BNA_G
ClientSampleId :
DUM-32

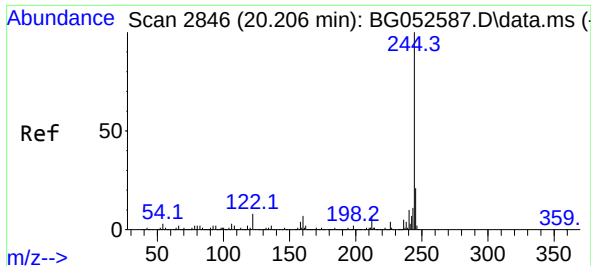
Tgt Ion:188 Resp: 201659
Ion Ratio Lower Upper
188 100
94 5.9 5.9 8.9#
80 8.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:240 Resp: 205708
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6#
236 24.2 20.8 31.2

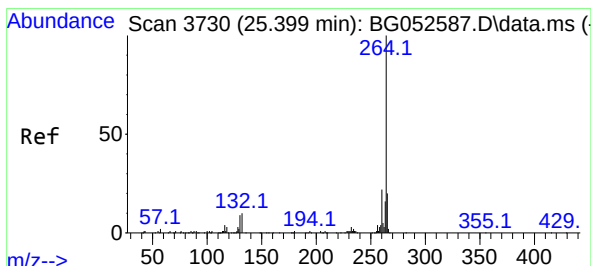
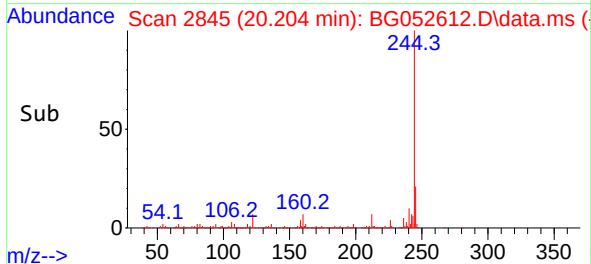
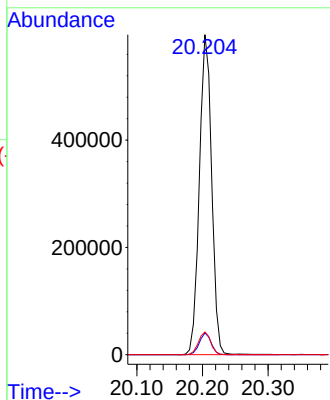
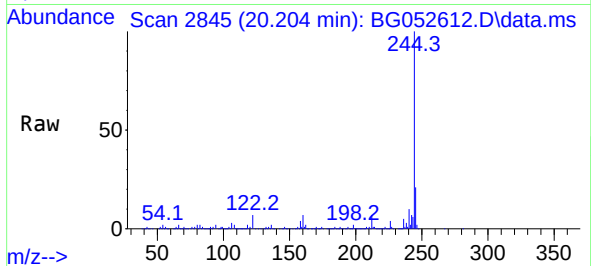




#79
 Terphenyl-d14
 Concen: 67.805 ng
 RT: 20.204 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG052612.D
 Acq: 8 Mar 2022 19:57

Instrument :
 BNA_G
 ClientSampleId :
 DUM-32

Tgt Ion:244	Resp:	778890	
Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	7.1	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: BG052612.D
 Acq: 8 Mar 2022 19:57

Tgt Ion:264	Resp:	207557	
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.4	17.8	26.6

