

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052592.D
 Acq On : 7 Mar 2022 16:02
 Operator : CG/JU
 Sample : PB143083BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143083BL

Quant Time: Mar 08 01:12:49 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	8.229	152	28705	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	113071	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	76793	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	204349	20.000	ng	0.00
76) Chrysene-d12	21.934	240	232152	20.000	ng	0.00
86) Perylene-d12	25.400	264	236206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	232387	137.926	ng	0.01
7) Phenol-d6	7.377	99	306688	129.543	ng	0.00
23) Nitrobenzene-d5	9.404	82	215089	86.722	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	145486	131.822	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	502003	90.141	ng	0.00
79) Terphenyl-d14	20.213	244	1145556	88.366	ng	0.00

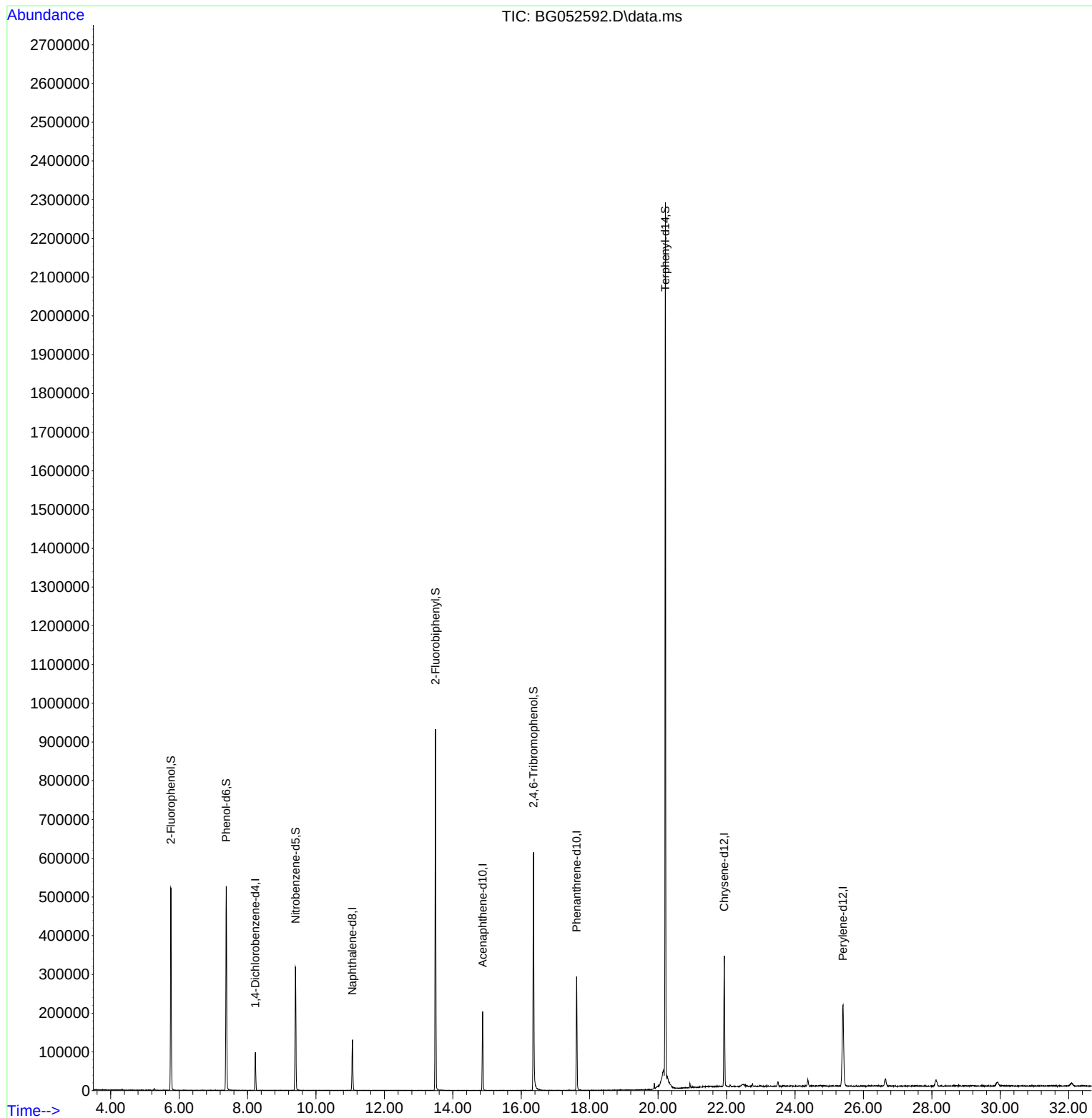
Target Compounds	Qvalue

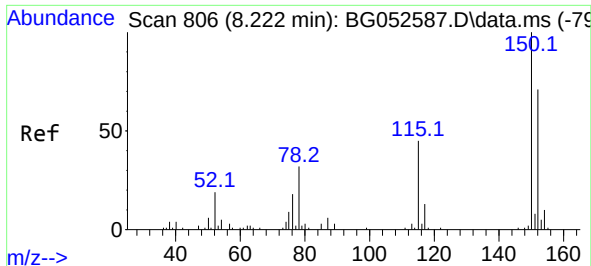
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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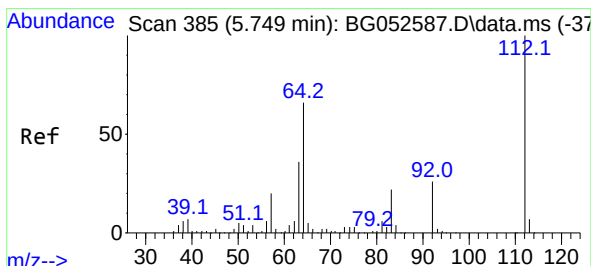
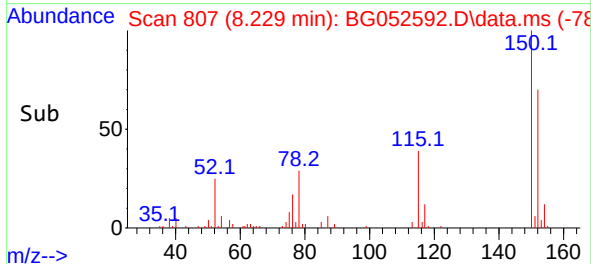
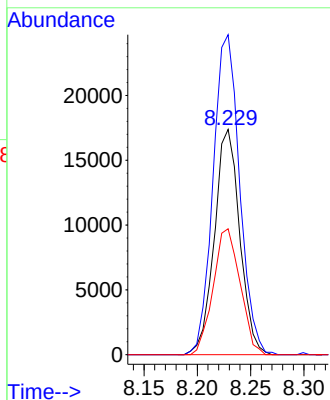
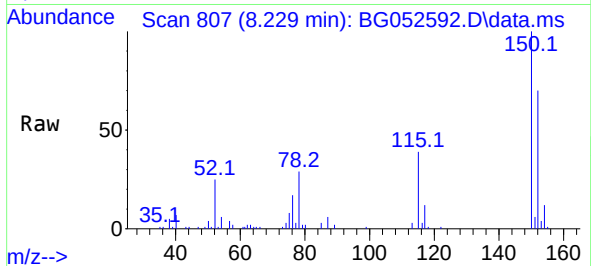




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.007 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

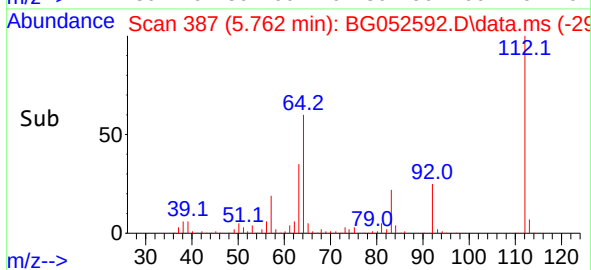
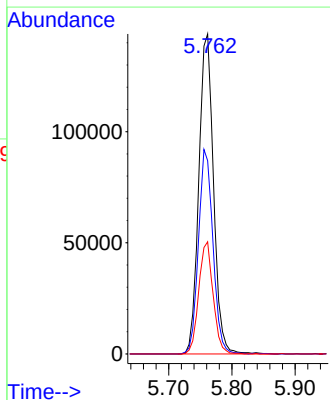
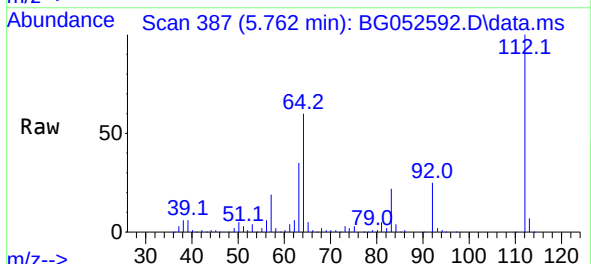
Instrument :
BNA_G
ClientSampleId :
PB143083BL

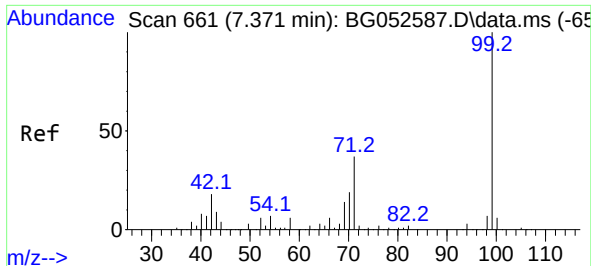
Tgt Ion:152 Resp: 28705
Ion Ratio Lower Upper
152 100
150 142.1 117.8 176.8
115 55.9 50.2 75.2



#5
2-Fluorophenol
Concen: 137.926 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.012 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

Tgt Ion:112 Resp: 232387
Ion Ratio Lower Upper
112 100
64 60.4 60.4 90.6#
63 35.0 33.3 49.9

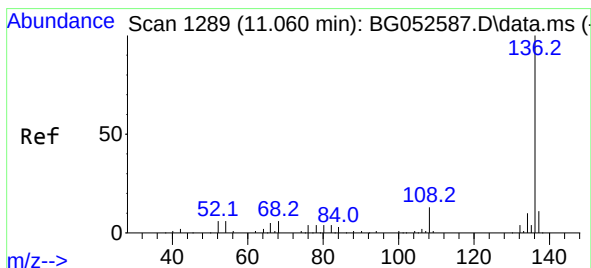
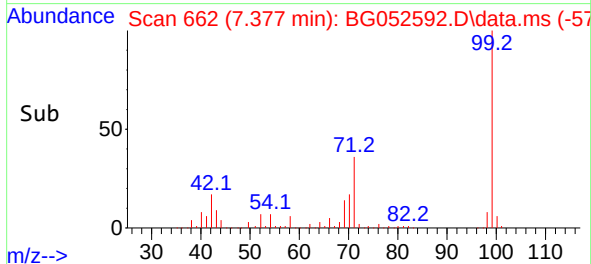
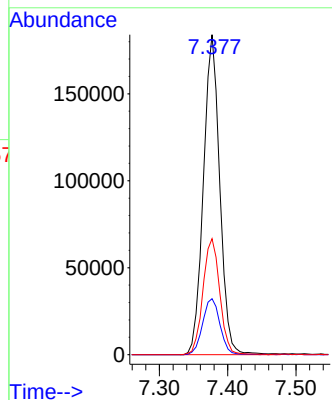
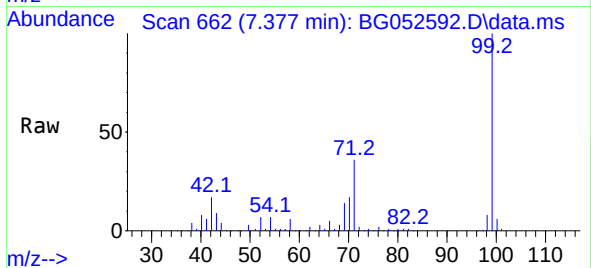




#7
Phenol-d6
Concen: 129.543 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

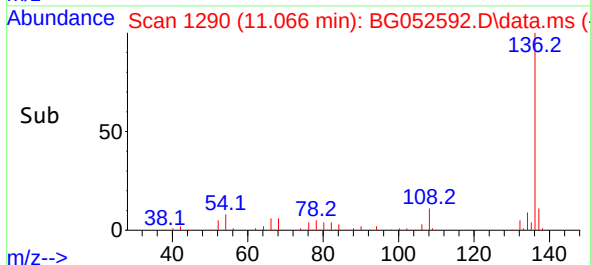
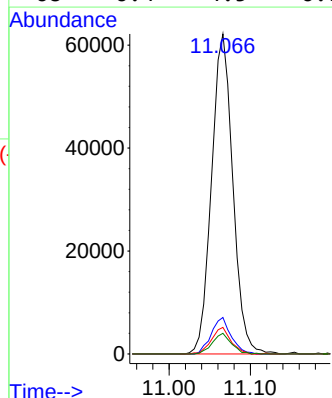
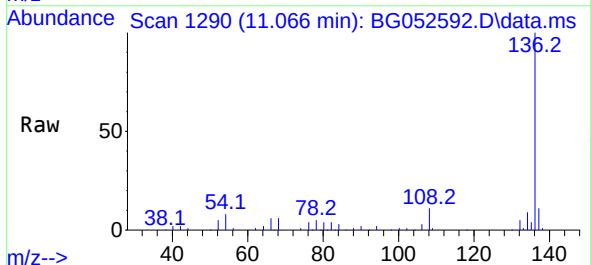
Instrument :
BNA_G
ClientSampleId :
PB143083BL

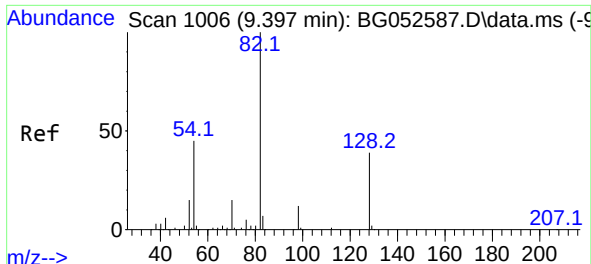
Tgt Ion: 99 Resp: 306688
Ion Ratio Lower Upper
99 100
42 17.5 19.1 28.7#
71 36.2 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

Tgt Ion:136 Resp: 113071
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.3 8.3 12.5#
68 6.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 86.722 ng

RT: 9.404 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BG052592.D

Acq: 7 Mar 2022 16:02

Instrument :

BNA_G

ClientSampleId :

PB143083BL

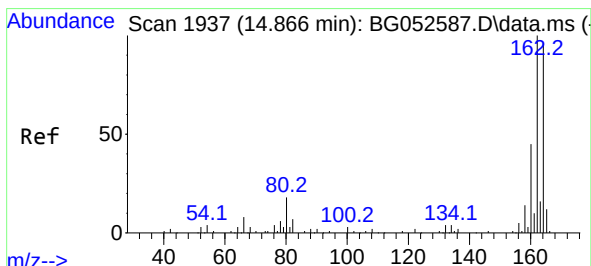
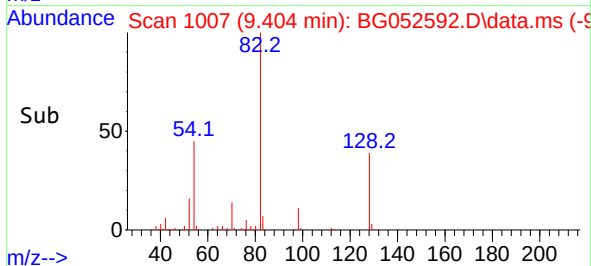
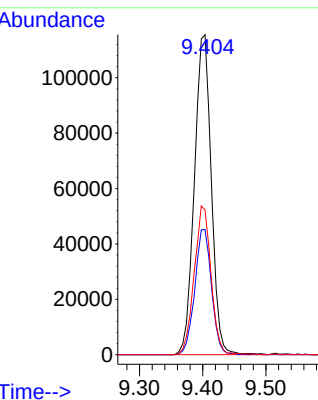
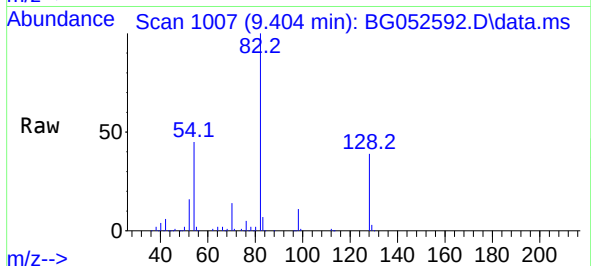
Tgt Ion: 82 Resp: 215089

Ion Ratio Lower Upper

82 100

128 39.1 27.0 40.4

54 45.2 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.007 min

Lab File: BG052592.D

Acq: 7 Mar 2022 16:02

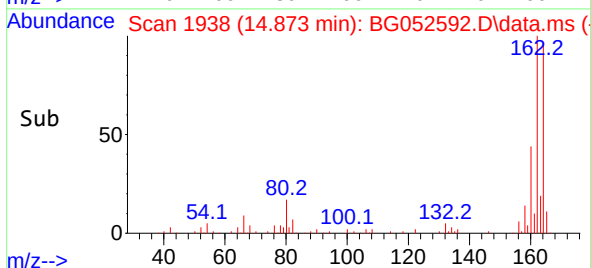
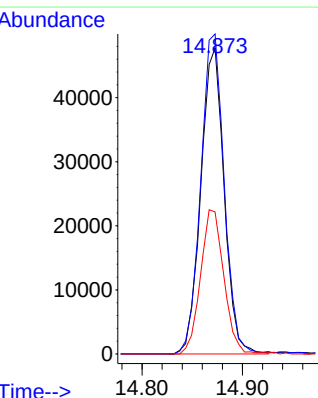
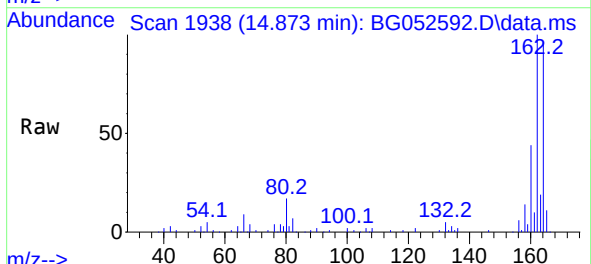
Tgt Ion:164 Resp: 76793

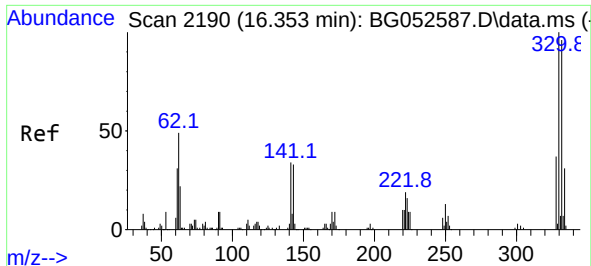
Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.2

160 46.4 36.2 54.2

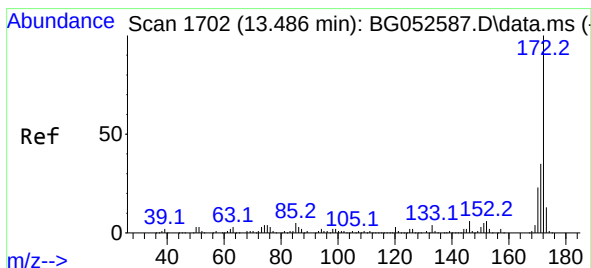
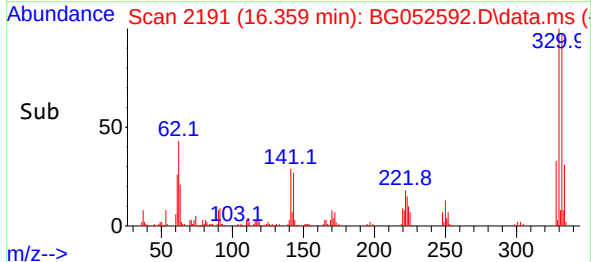
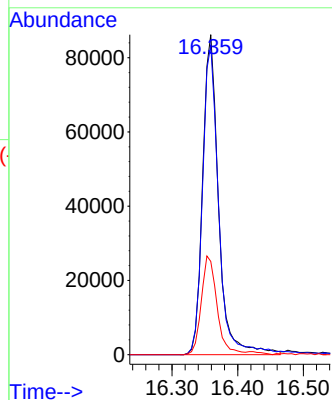
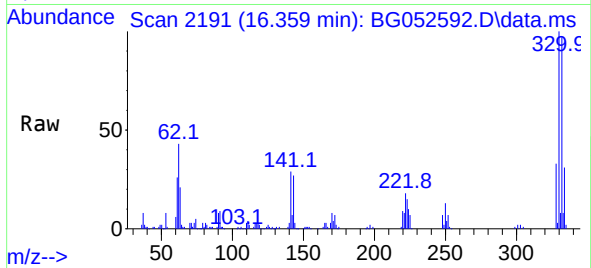




#42
2,4,6-Tribromophenol
Concen: 131.822 ng
RT: 16.359 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

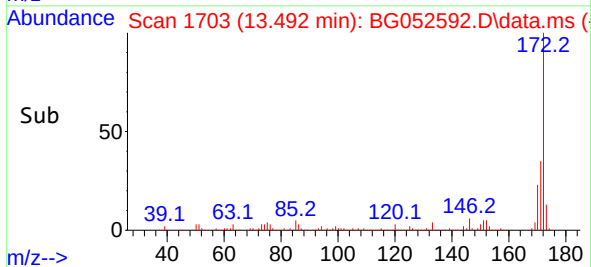
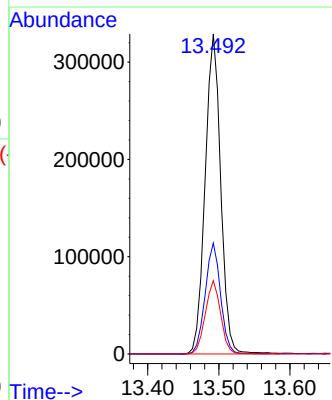
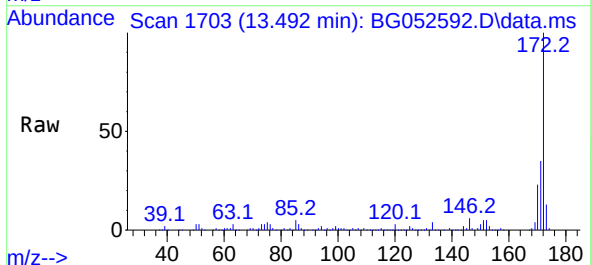
Instrument :
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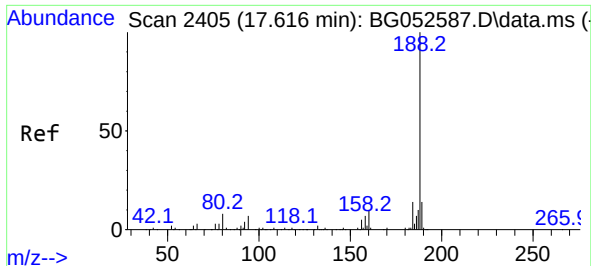
Tgt Ion:330 Resp: 145486
Ion Ratio Lower Upper
330 100
332 99.5 78.6 117.8
141 30.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 90.141 ng
RT: 13.492 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

Tgt Ion:172 Resp: 502003
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 18.3 27.5

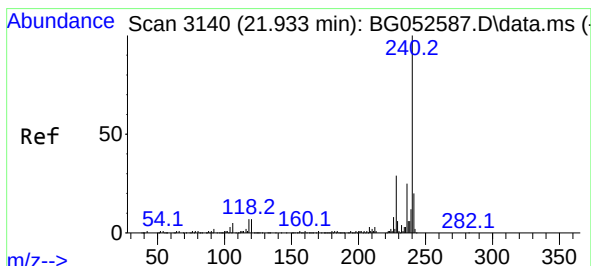
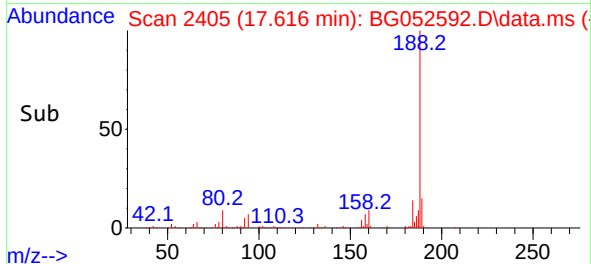
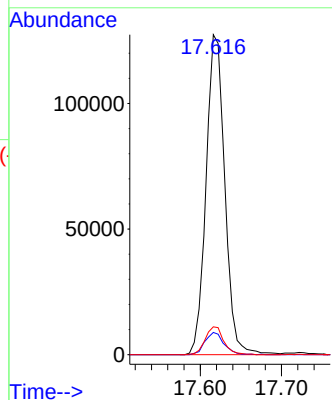
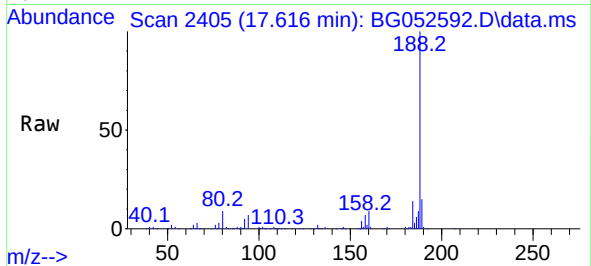




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

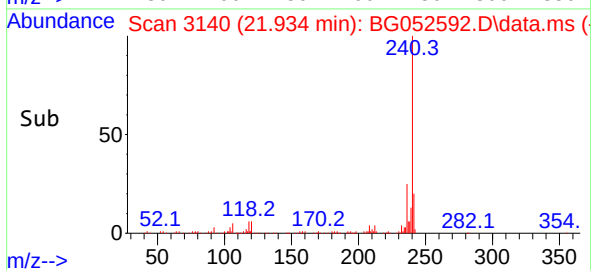
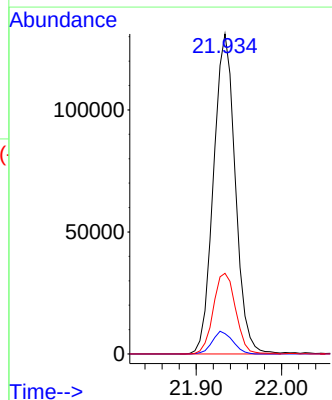
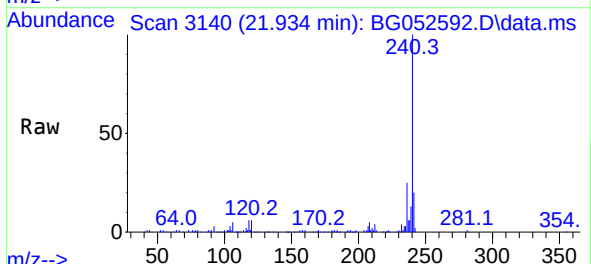
Instrument :
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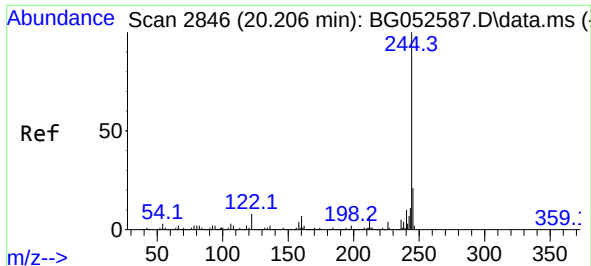
Tgt Ion:188 Resp: 204349
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BG052592.D
Acq: 7 Mar 2022 16:02

Tgt Ion:240 Resp: 232152
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 25.2 20.8 31.2

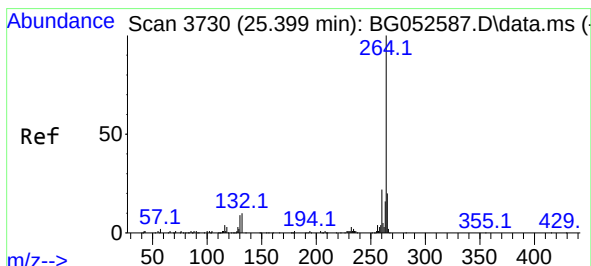
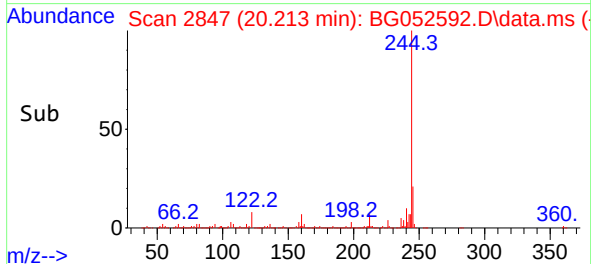
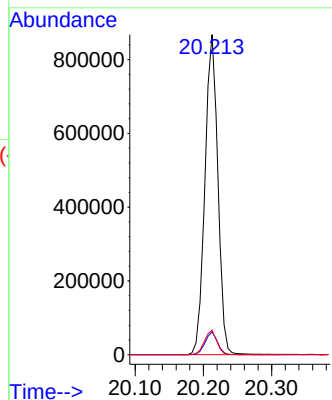
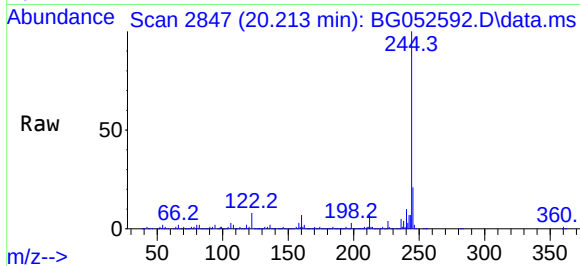




#79
 Terphenyl-d14
 Concen: 88.366 ng
 RT: 20.213 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG052592.D
 Acq: 7 Mar 2022 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB143083BL

Tgt Ion:244 Resp: 1145556
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.400 min Scan# 3730
 Delta R.T. 0.001 min
 Lab File: BG052592.D
 Acq: 7 Mar 2022 16:02

Tgt Ion:264 Resp: 236206
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 20.8 17.8 26.6

