

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
 Data File : BG052367.D
 Acq On : 11 Feb 2022 11:15
 Operator : CG/JU
 Sample : PB142428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142428BL

Quant Time: Feb 11 13:50:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	23058	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	96025	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	70096	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	188009	20.000	ng	0.00
76) Chrysene-d12	21.940	240	222305	20.000	ng	0.00
86) Perylene-d12	25.412	264	212106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	188531	142.503	ng	0.01
7) Phenol-d6	7.378	99	261244	127.979	ng	0.00
23) Nitrobenzene-d5	9.404	82	180097	81.512	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	143807	142.802	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	444583	88.131	ng	0.00
79) Terphenyl-d14	20.219	244	1040495	82.651	ng	0.00

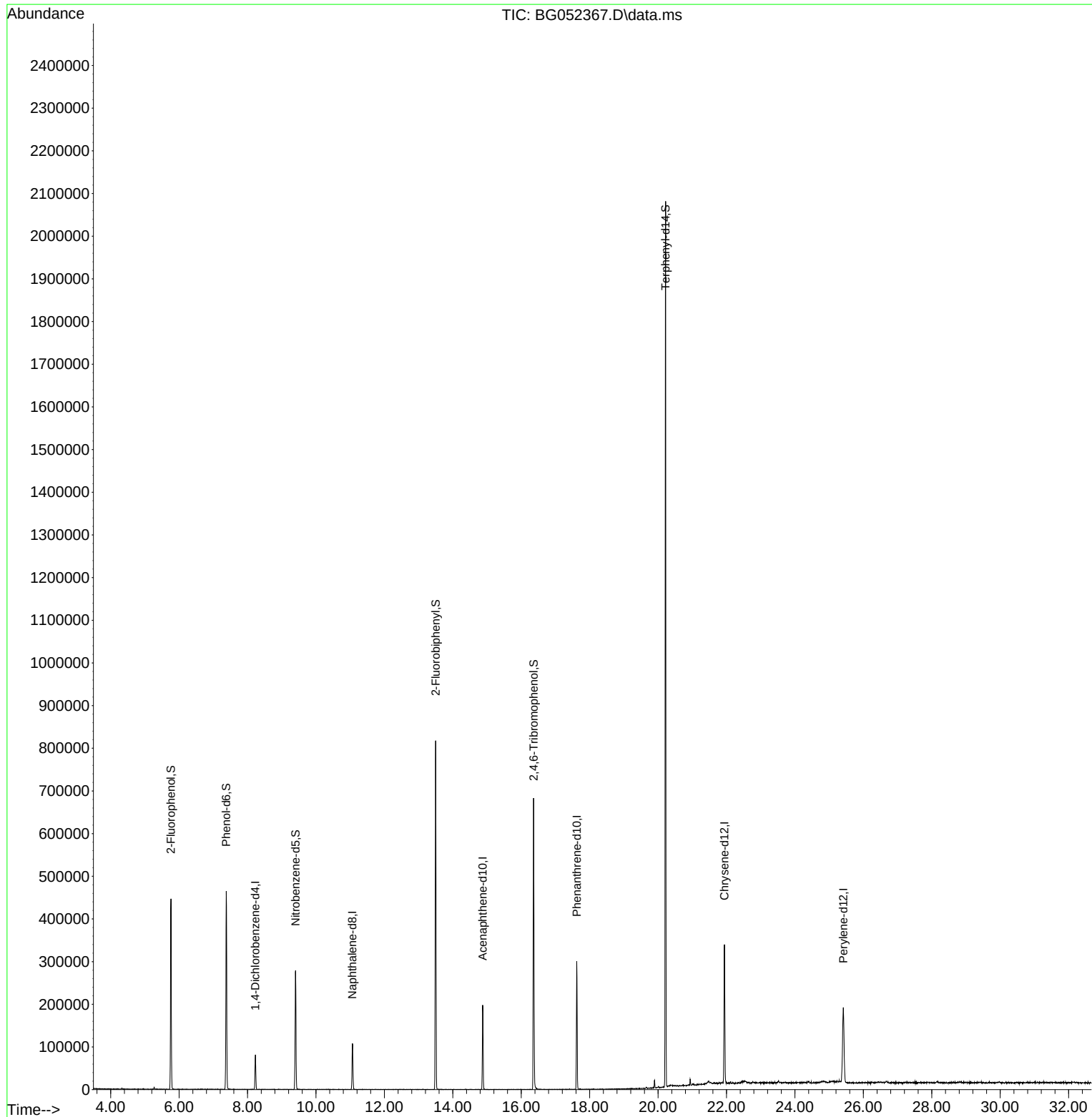
Target Compounds	Qvalue

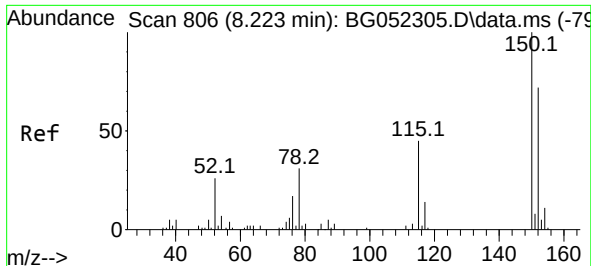
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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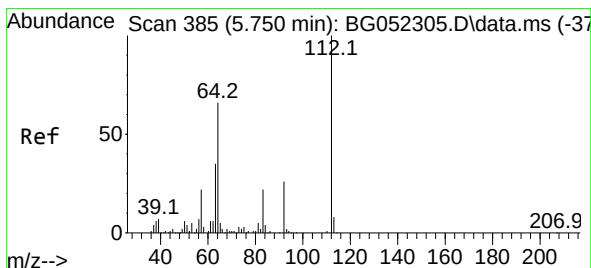
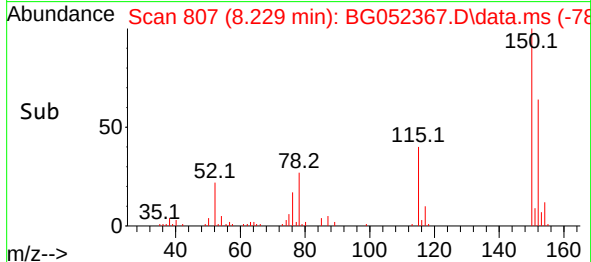
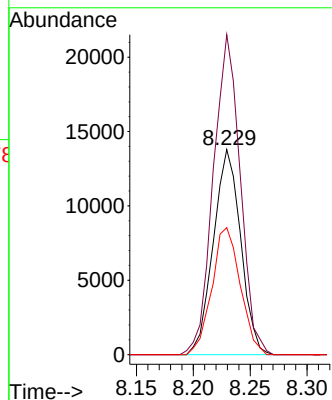
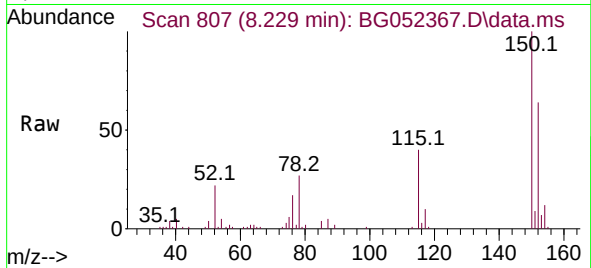




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

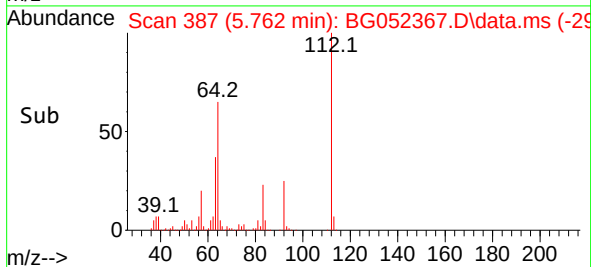
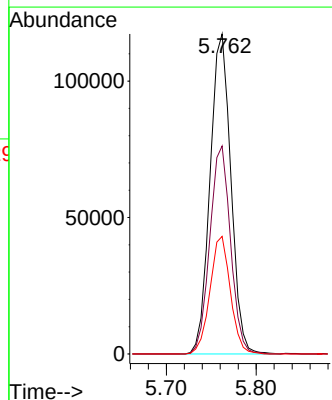
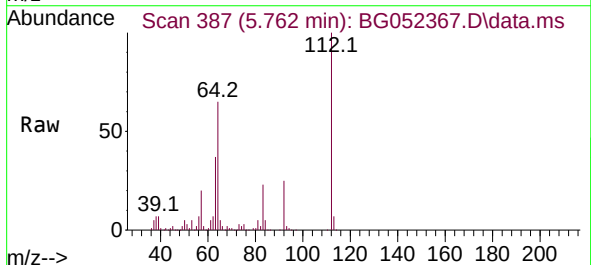
Instrument :
BNA_G
ClientSampleId :
PB142428BL

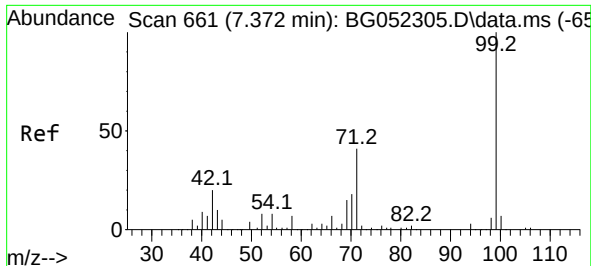
Tgt Ion:152 Resp: 23058
Ion Ratio Lower Upper
152 100
150 156.0 117.8 176.8
115 61.9 50.2 75.2



#5
2-Fluorophenol
Concen: 142.503 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.012 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

Tgt Ion:112 Resp: 188531
Ion Ratio Lower Upper
112 100
64 65.0 60.4 90.6
63 36.8 33.3 49.9

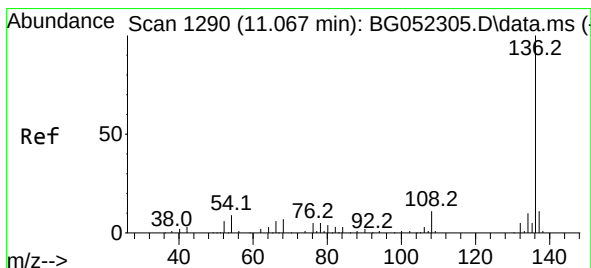
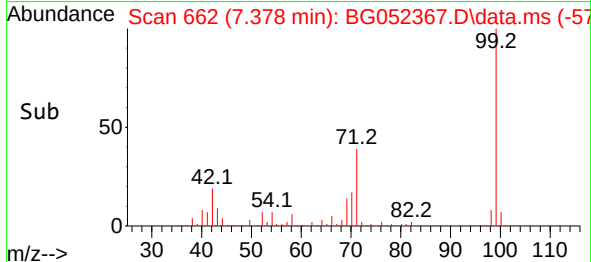
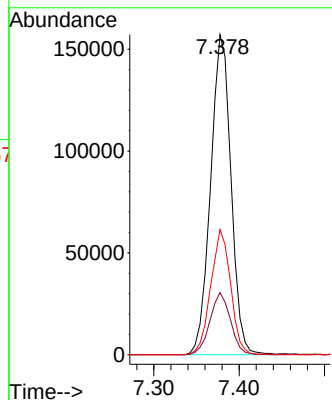
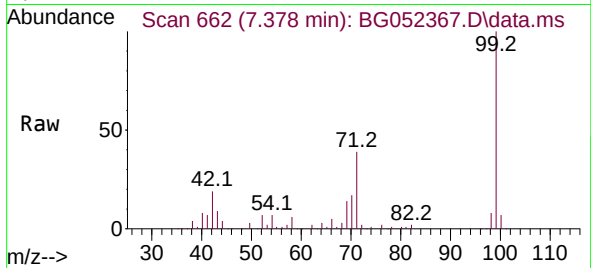




#7
Phenol-d6
Concen: 127.979 ng
RT: 7.378 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

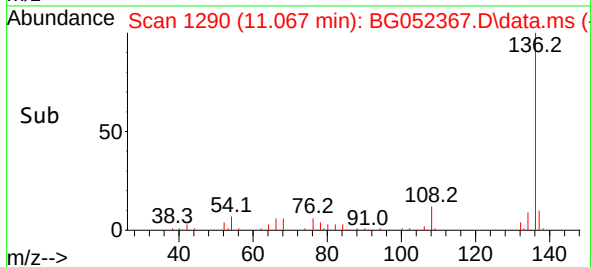
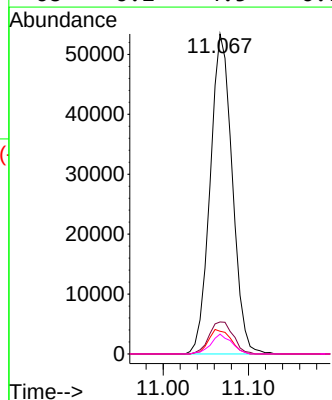
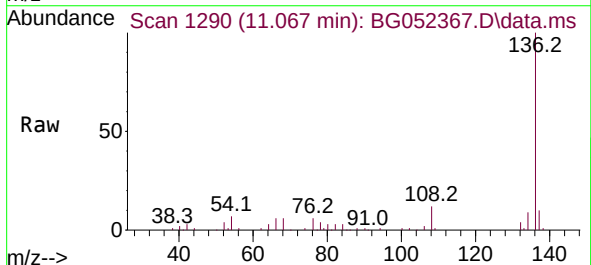
Instrument :
BNA_G
ClientSampleId :
PB142428BL

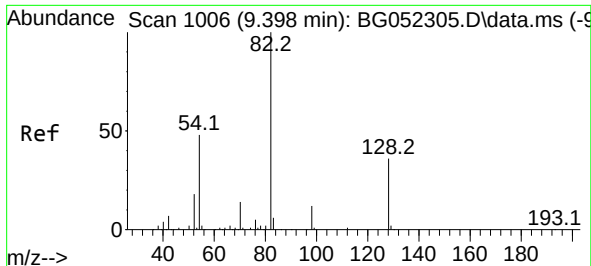
Tgt Ion: 99 Resp: 261244
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 39.1 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

Tgt Ion: 136 Resp: 96025
Ion Ratio Lower Upper
136 100
137 10.0 9.1 13.7
54 7.1 8.3 12.5#
68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 81.512 ng

RT: 9.404 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BG052367.D

Acq: 11 Feb 2022 11:15

Instrument :

BNA_G

ClientSampleId :

PB142428BL

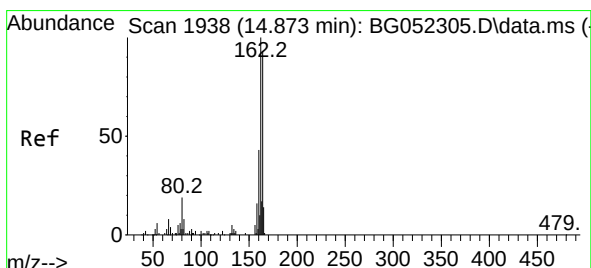
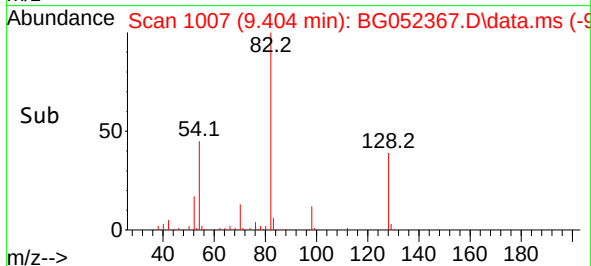
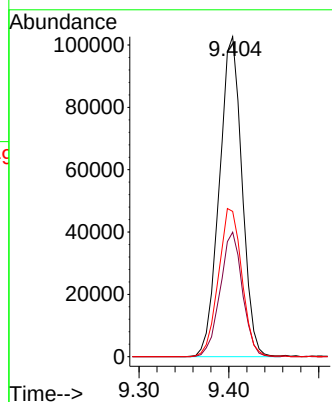
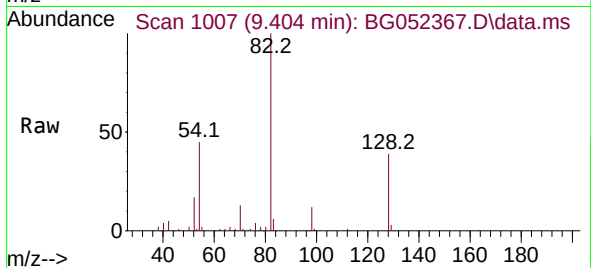
Tgt Ion: 82 Resp: 180097

Ion Ratio Lower Upper

82 100

128 38.9 27.0 40.4

54 45.4 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BG052367.D

Acq: 11 Feb 2022 11:15

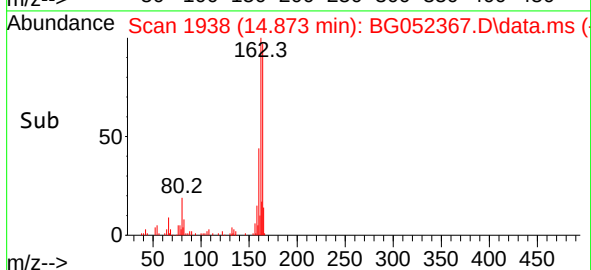
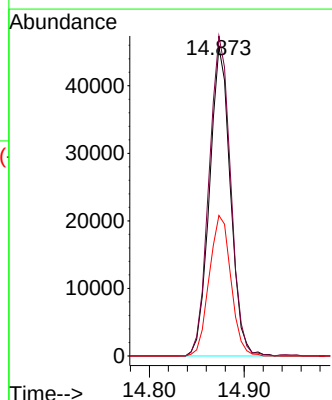
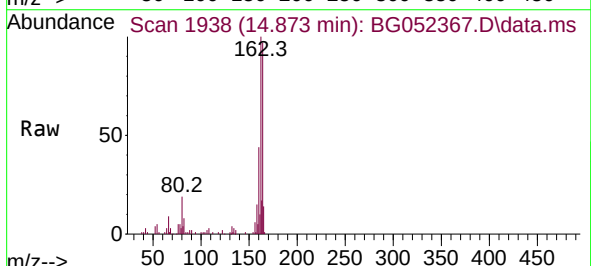
Tgt Ion:164 Resp: 70096

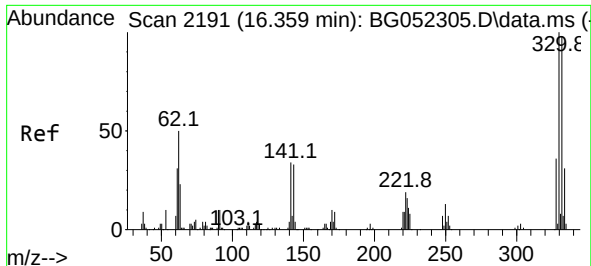
Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.2

160 45.4 36.2 54.2

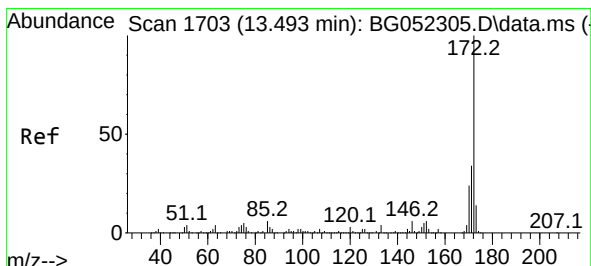
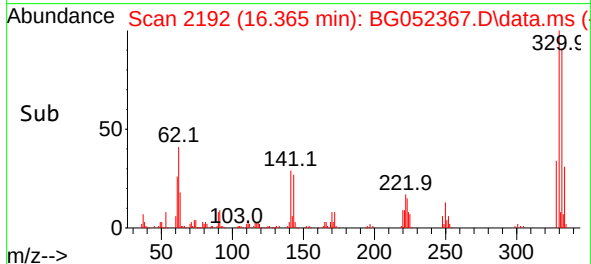
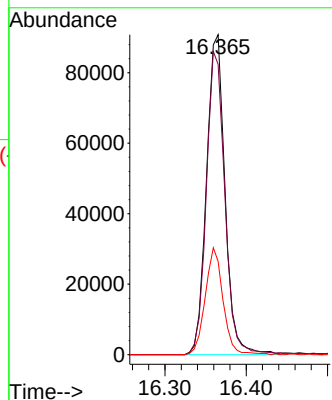
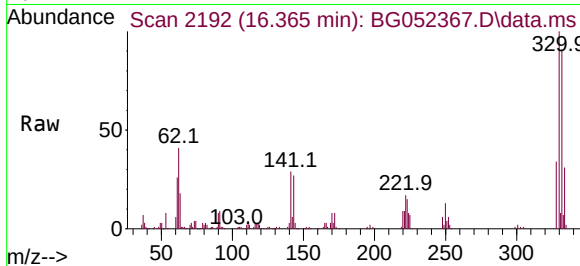




#42
2,4,6-Tribromophenol
Concen: 142.802 ng
RT: 16.365 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

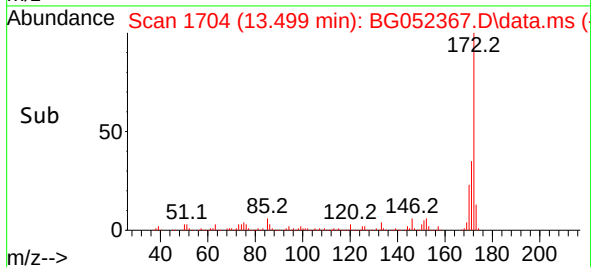
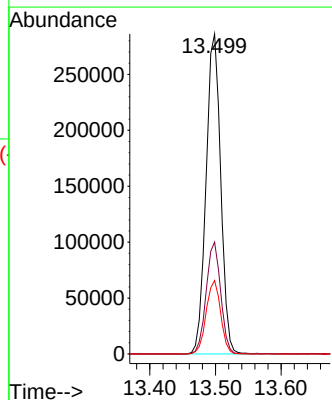
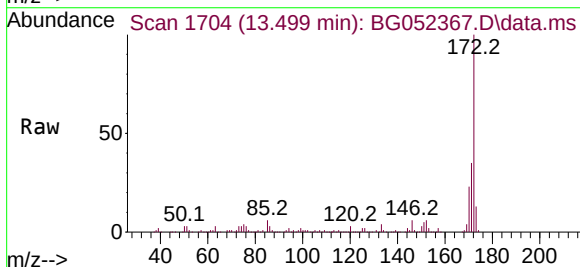
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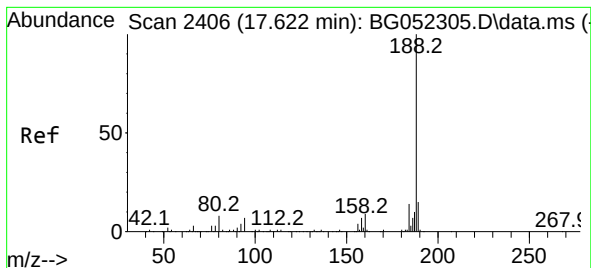
Tgt Ion:330 Resp: 143807
Ion Ratio Lower Upper
330 100
332 94.8 78.6 117.8
141 32.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.131 ng
RT: 13.499 min Scan# 1704
Delta R.T. 0.006 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

Tgt Ion:172 Resp: 444583
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.3 27.5

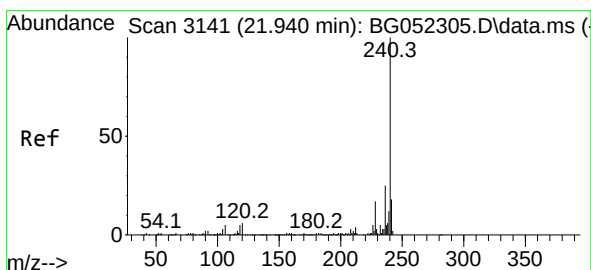
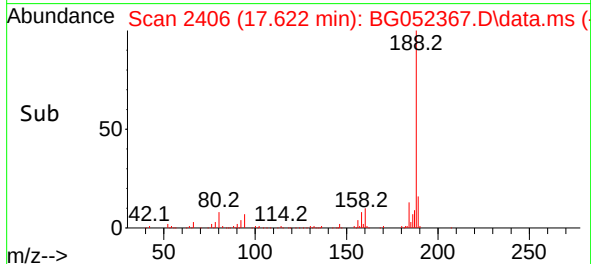
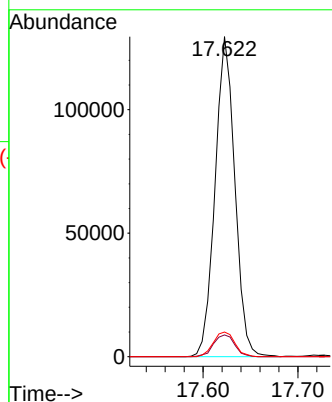
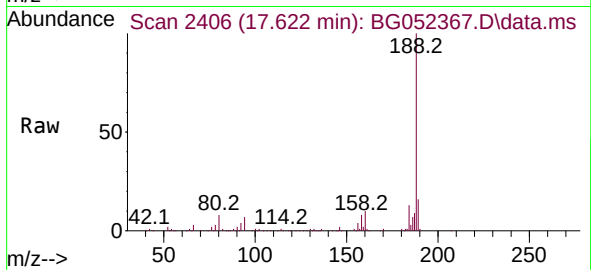




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

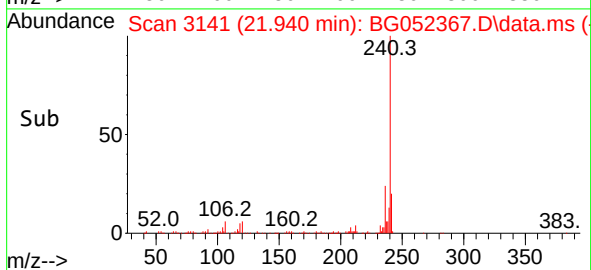
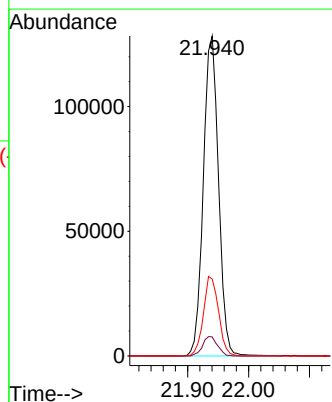
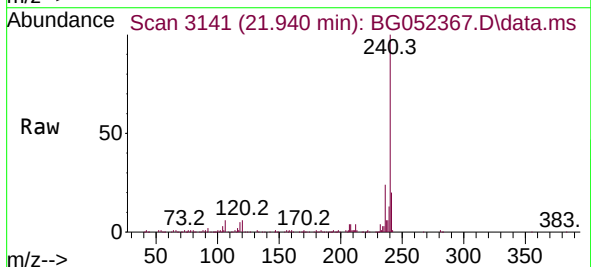
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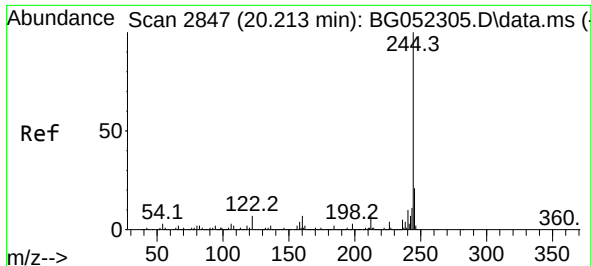
Tgt Ion:188 Resp: 188009
Ion Ratio Lower Upper
188 100
94 6.8 5.9 8.9
80 7.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BG052367.D
Acq: 11 Feb 2022 11:15

Tgt Ion:240 Resp: 222305
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 24.1 20.8 31.2

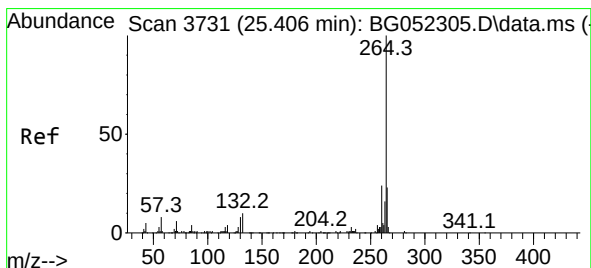
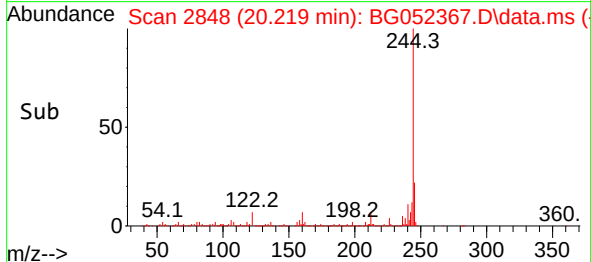
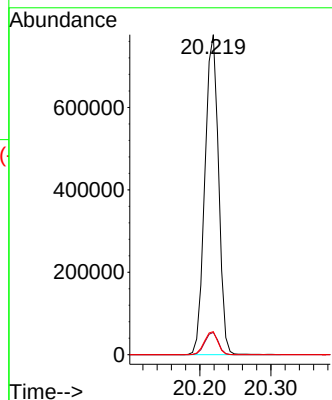
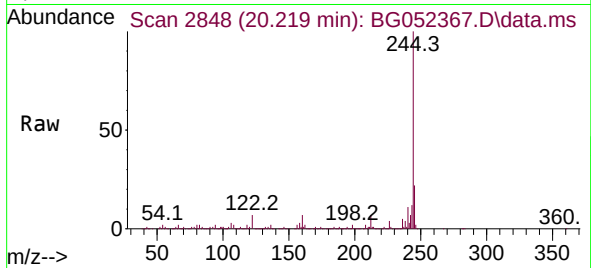




#79
 Terphenyl-d14
 Concen: 82.651 ng
 RT: 20.219 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG052367.D
 Acq: 11 Feb 2022 11:15

Instrument :
 BNA_G
 ClientSampleId :
 PB142428BL

Tgt Ion:244 Resp: 1040495
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 3732
 Delta R.T. 0.006 min
 Lab File: BG052367.D
 Acq: 11 Feb 2022 11:15

Tgt Ion:264 Resp: 212106
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 20.6 17.8 26.6

