

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053591.D
 Acq On : 17 May 2022 19:44
 Operator : CG/JU
 Sample : N2863-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P003-SS007-0006-01

Quant Time: May 18 03:14:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	27179	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	120910	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	101554	20.000	ng	-0.01
64) Phenanthrene-d10	17.453	188	258894	20.000	ng	0.00
76) Chrysene-d12	21.730	240	206469	20.000	ng	-0.01
86) Perylene-d12	25.008	264	200909	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	166548	103.997	ng	0.00
7) Phenol-d6	7.244	99	260408	107.143	ng	0.00
23) Nitrobenzene-d5	9.241	82	187079	65.864	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	150732	100.635	ng	0.00
45) 2-Fluorobiphenyl	13.329	172	414379	59.626	ng	0.00
79) Terphenyl-d14	20.056	244	782998	70.631	ng	0.00

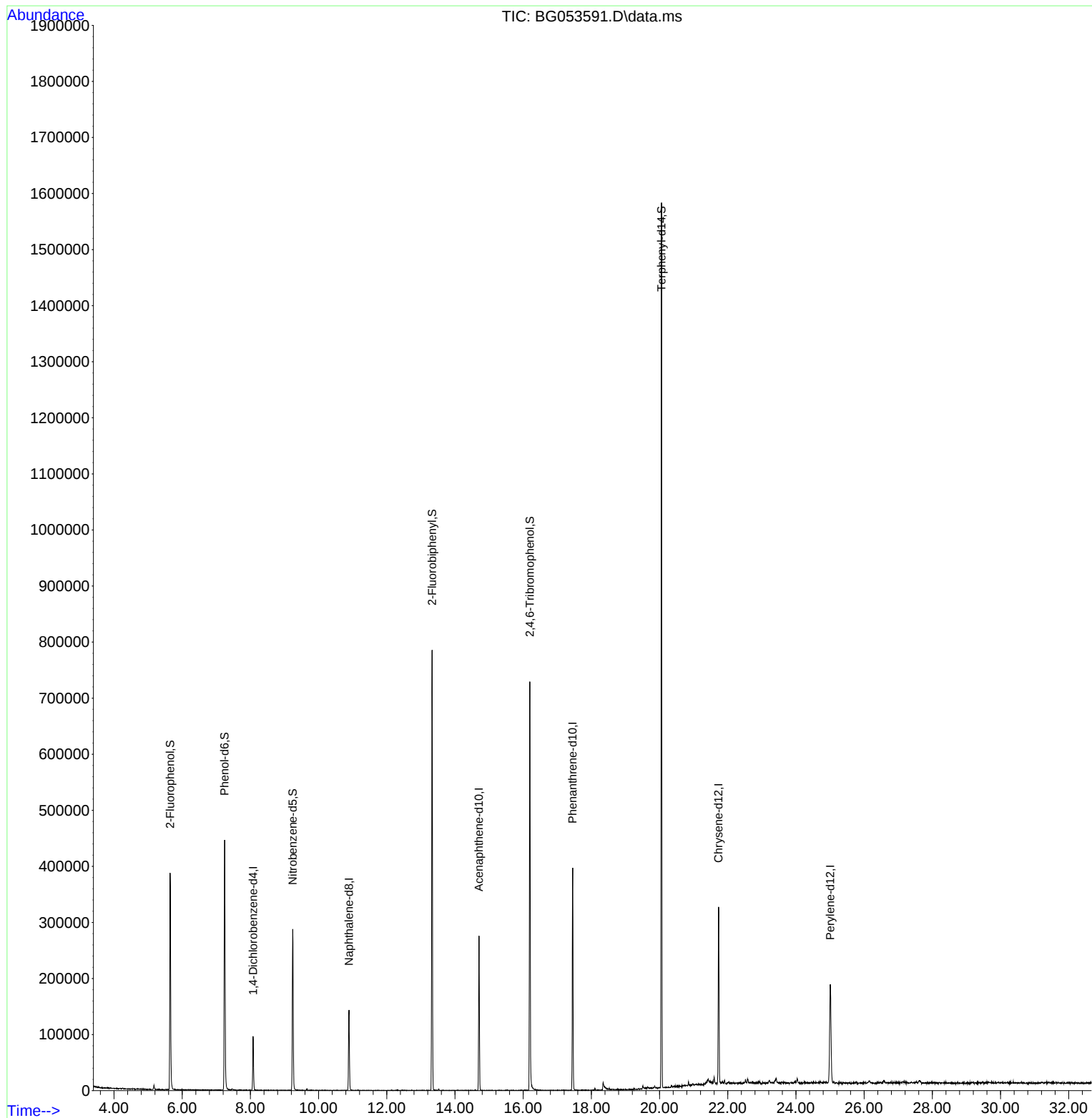
Target Compounds	Qvalue

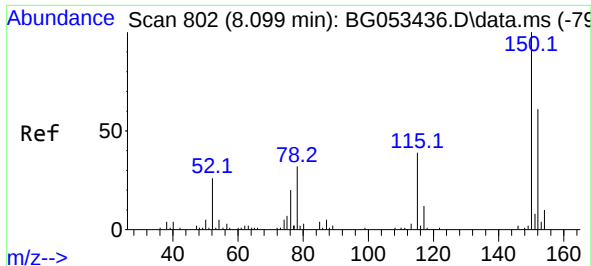
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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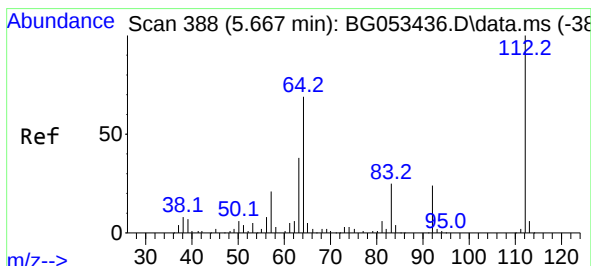
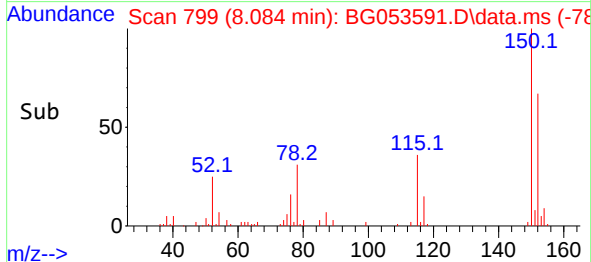
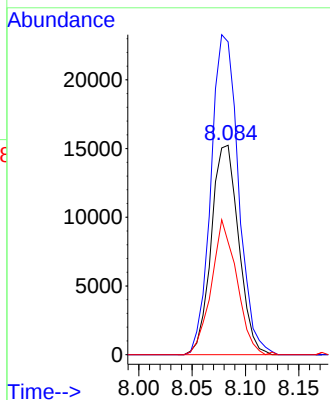
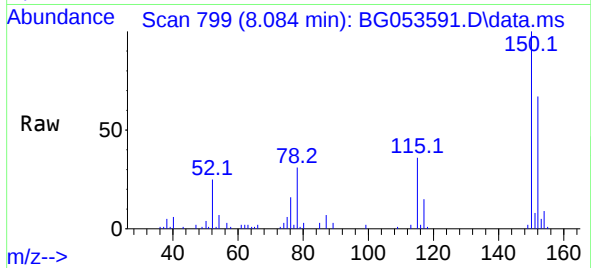




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

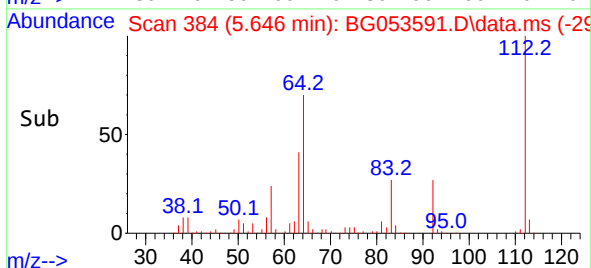
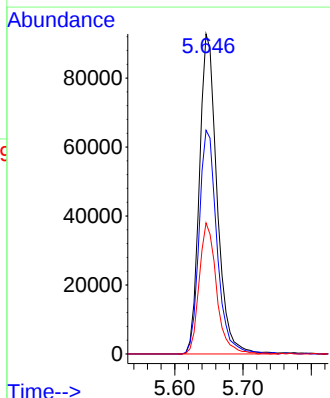
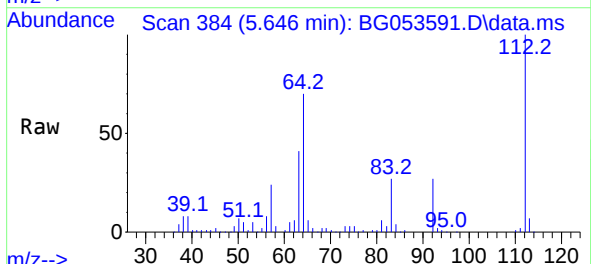
Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

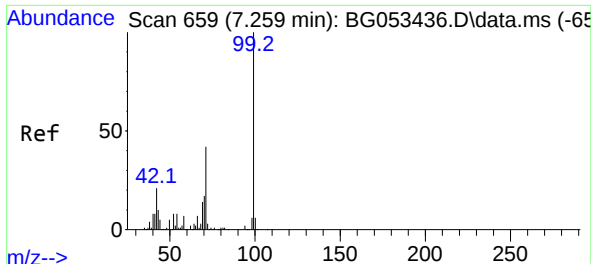
Tgt Ion:152 Resp: 27179
Ion Ratio Lower Upper
152 100
150 149.3 131.6 197.4
115 53.7 50.9 76.3



#5
2-Fluorophenol
Concen: 103.997 ng
RT: 5.646 min Scan# 384
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:112 Resp: 166548
Ion Ratio Lower Upper
112 100
64 69.9 55.1 82.7
63 41.0 30.4 45.6

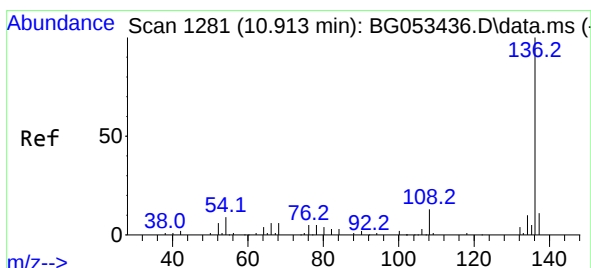
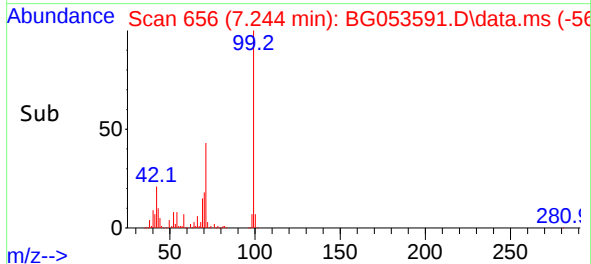
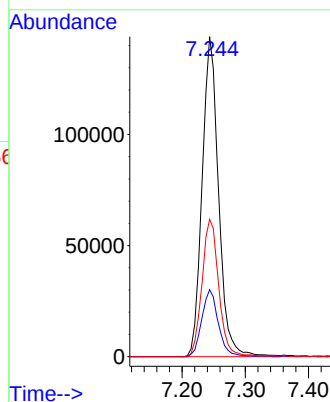
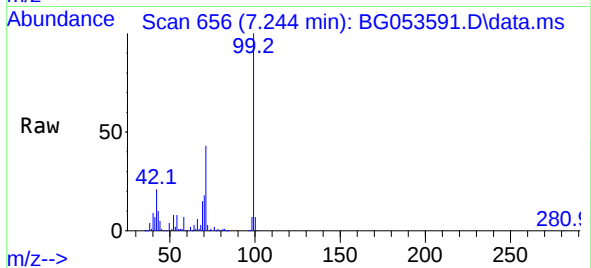




#7
Phenol-d6
Concen: 107.143 ng
RT: 7.244 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

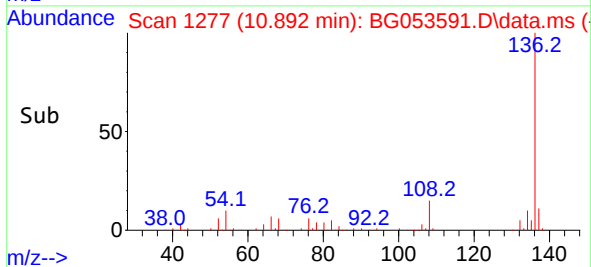
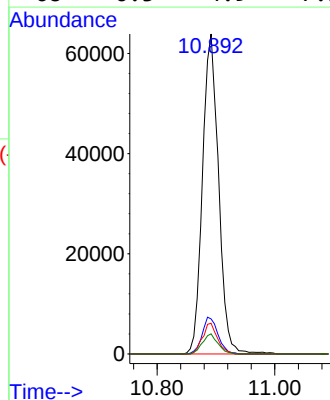
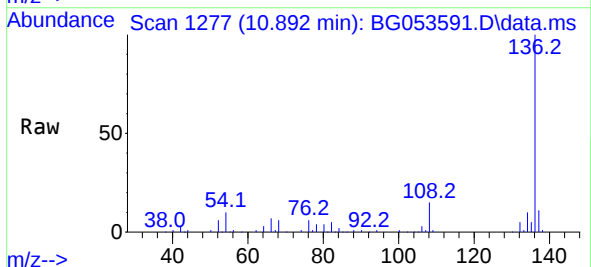
Instrument :
BNA_G
ClientSampleId :
P003-SS007-0006-01

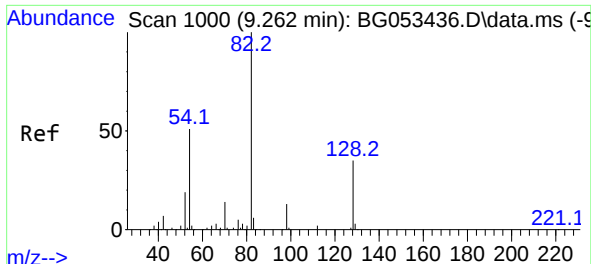
Tgt Ion: 99 Resp: 260408
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 42.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion: 136 Resp: 120910
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.6 7.4 11.2
68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 65.864 ng

RT: 9.241 min Scan# 91

Delta R.T. -0.012 min

Lab File: BG053591.D

Acq: 17 May 2022 19:44

Instrument :

BNA_G

ClientSampleId :

P003-SS007-0006-01

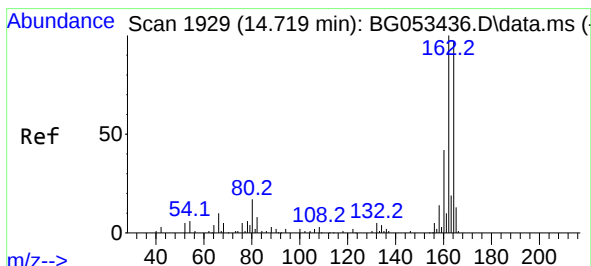
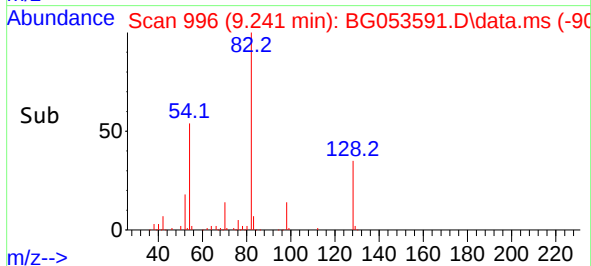
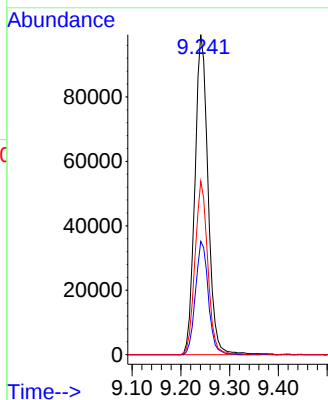
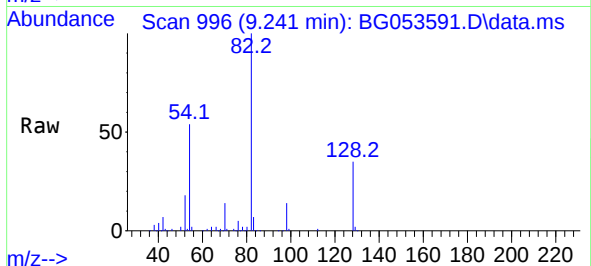
Tgt Ion: 82 Resp: 187079

Ion Ratio Lower Upper

82 100

128 35.4 27.9 41.9

54 54.2 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BG053591.D

Acq: 17 May 2022 19:44

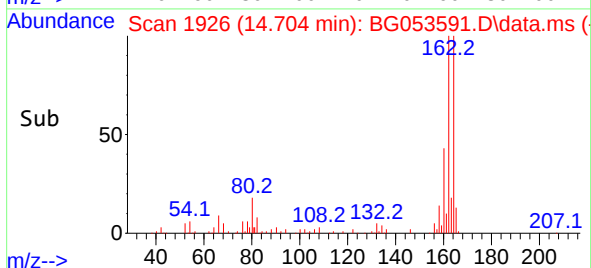
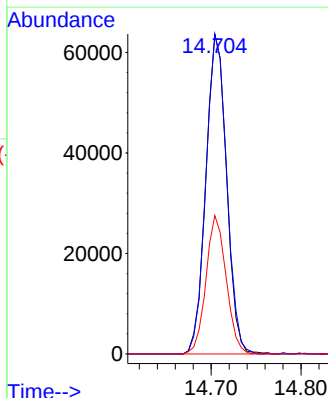
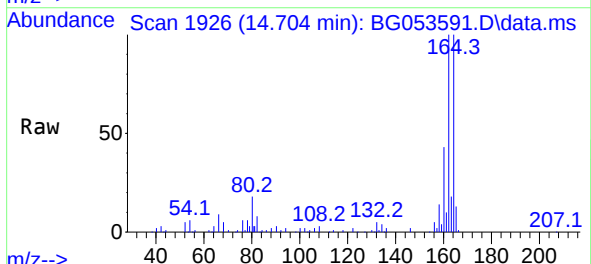
Tgt Ion: 164 Resp: 101554

Ion Ratio Lower Upper

164 100

162 100.3 82.3 123.5

160 43.4 34.2 51.2

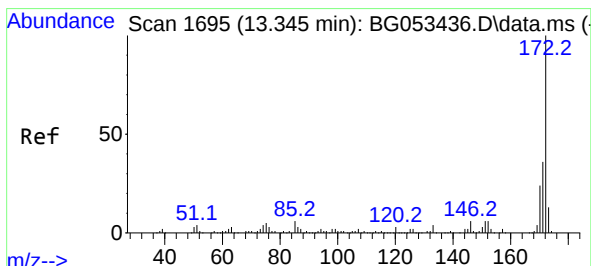
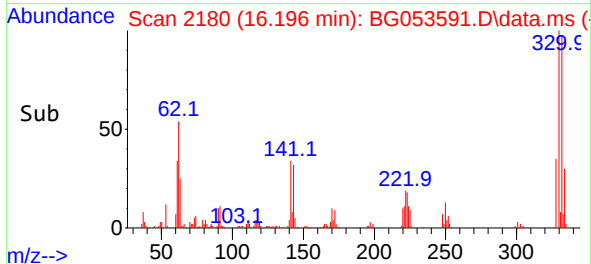
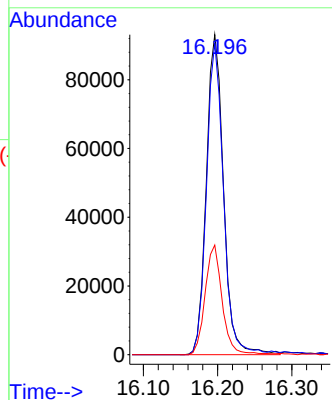
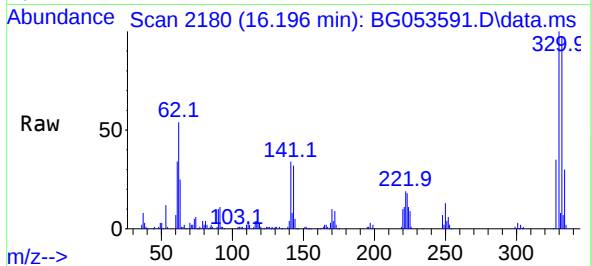




#42
2,4,6-Tribromophenol
Concen: 100.635 ng
RT: 16.196 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

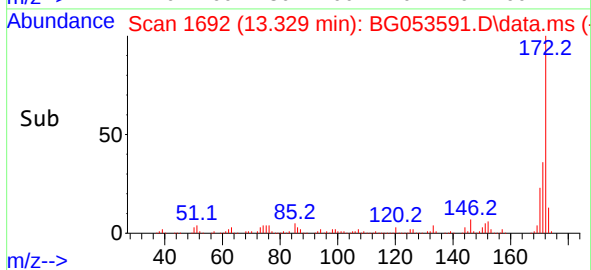
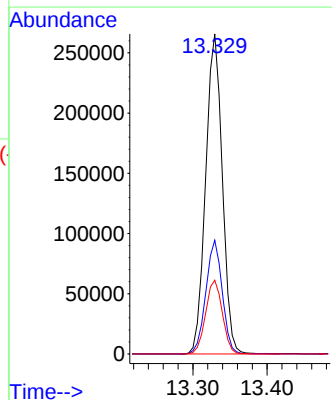
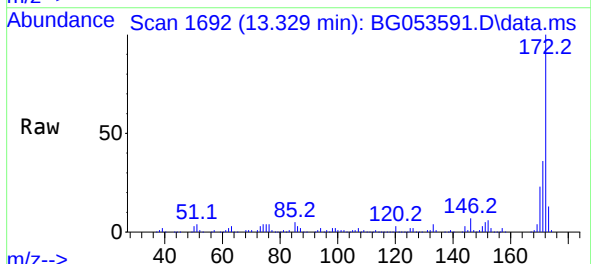
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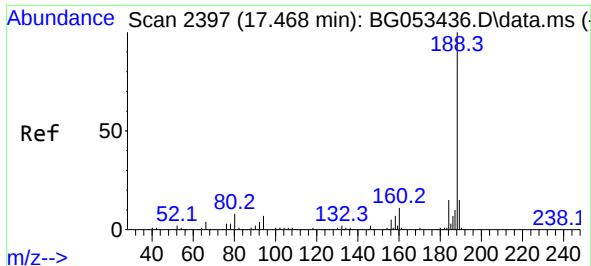
Tgt Ion:330 Resp: 150732
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 34.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 59.626 ng
RT: 13.329 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:172 Resp: 414379
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.1 18.9 28.3

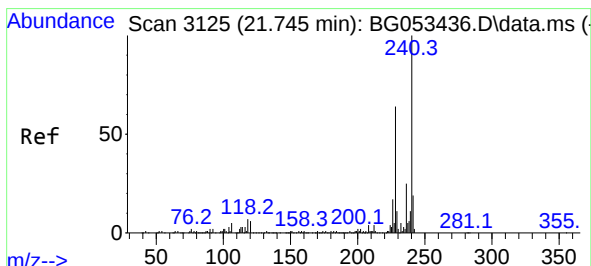
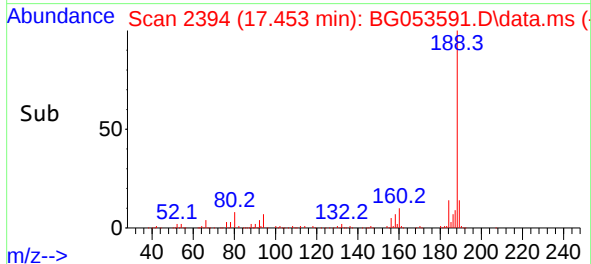
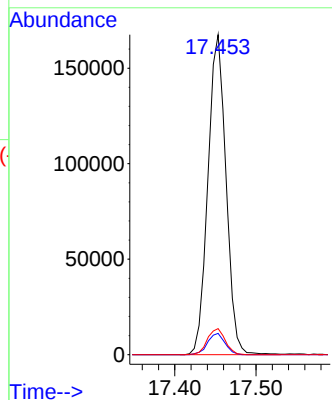
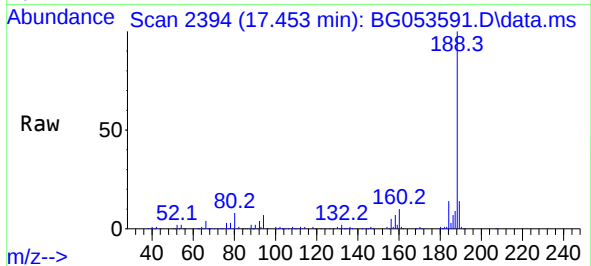




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

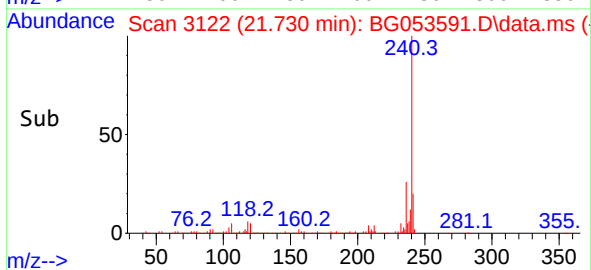
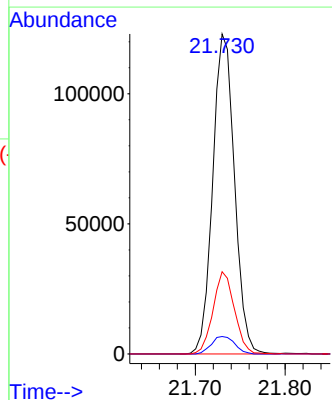
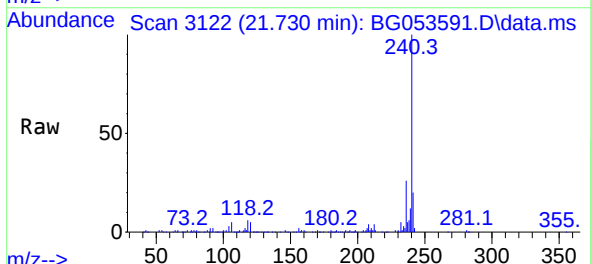
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BNA_G
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P003-SS007-0006-01

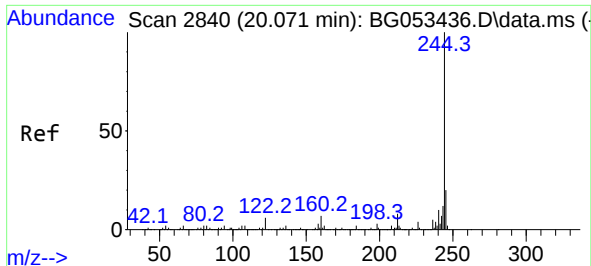
Tgt Ion:188 Resp: 258894
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BG053591.D
Acq: 17 May 2022 19:44

Tgt Ion:240 Resp: 206469
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 25.7 20.2 30.4

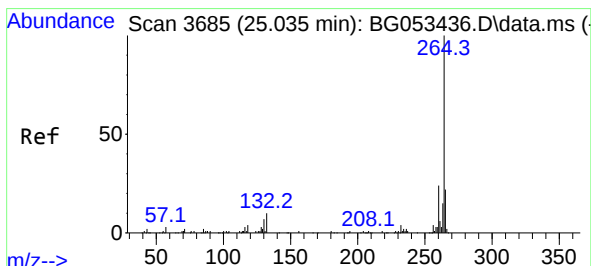
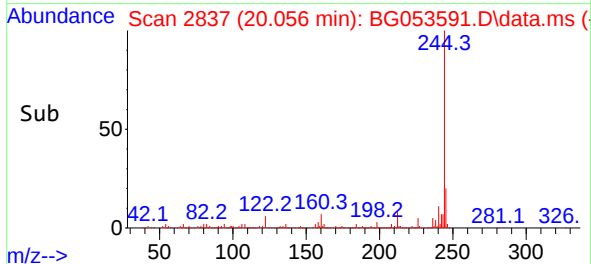
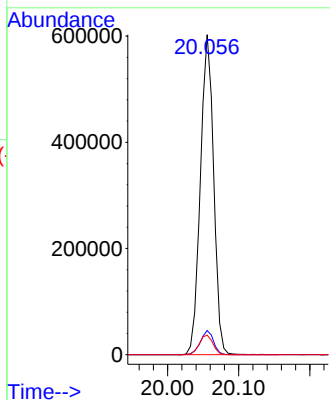
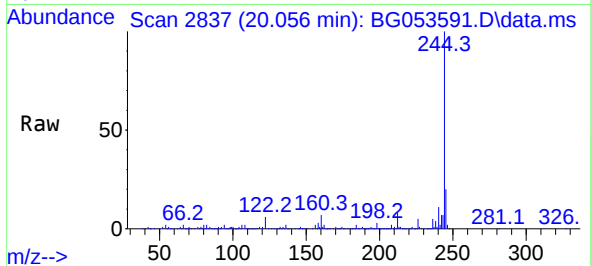




#79
 Terphenyl-d14
 Concen: 70.631 ng
 RT: 20.056 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BG053591.D
 Acq: 17 May 2022 19:44

Instrument :
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Tgt Ion:	244	Resp:	782998
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.5	9.7
122	6.1	5.0	7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3680
 Delta R.T. -0.012 min
 Lab File: BG053591.D
 Acq: 17 May 2022 19:44

Tgt Ion:	264	Resp:	200909
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.0	28.6
265	21.5	17.4	26.2

