

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053054.D
 Acq On : 6 Apr 2022 14:32
 Operator : CG/JU
 Sample : N2269-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Apr 06 15:05:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

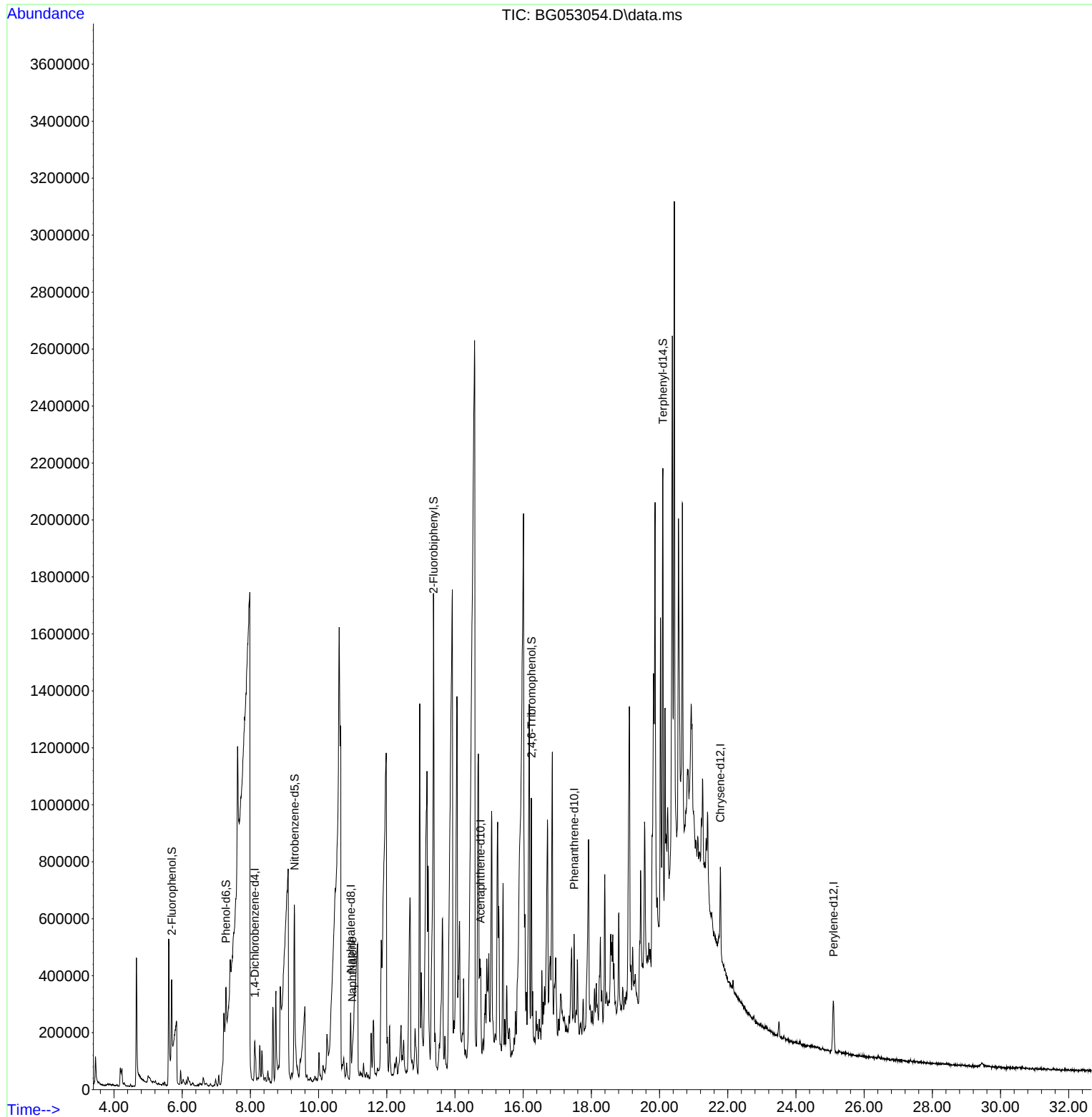
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	36022	20.000	ng	0.00
21) Naphthalene-d8	10.944	136	148890	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	96650	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	206622	20.000	ng	0.00
76) Chrysene-d12	21.782	240	194700	20.000	ng	0.00
86) Perylene-d12	25.101	264	206238	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	107318	51.884	ng	0.00
7) Phenol-d6	7.278	99	94563	30.324	ng	0.00
23) Nitrobenzene-d5	9.293	82	293277	98.863	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	166285	128.038	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	571752	87.248	ng	0.00
79) Terphenyl-d14	20.096	244	688150	62.872	ng	0.00
Target Compounds						
31) Naphthalene	10.991	128	20741	2.694	ng	Qvalue 98

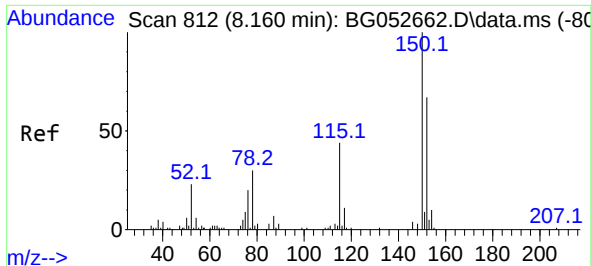
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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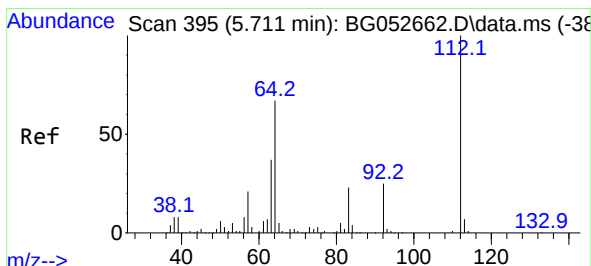
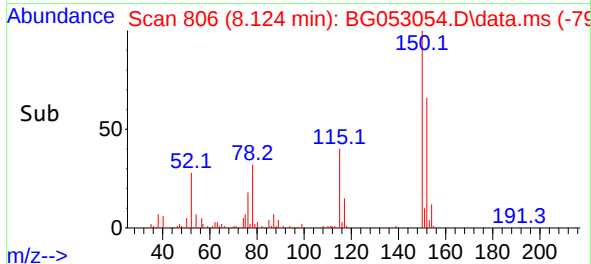
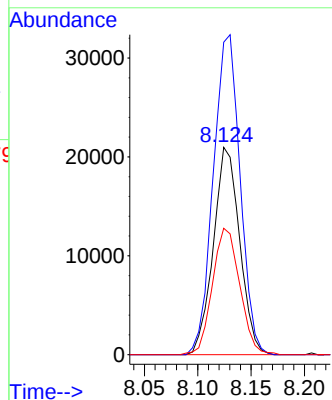
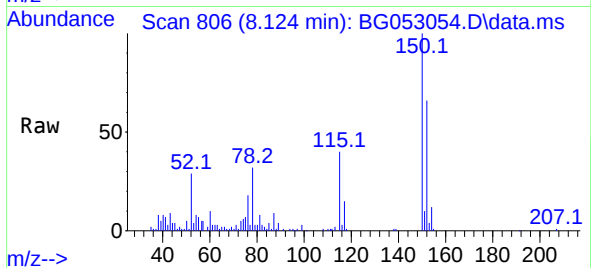




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.124 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

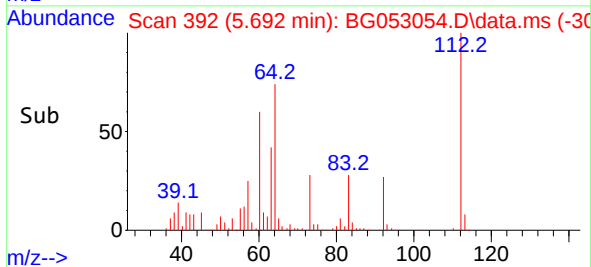
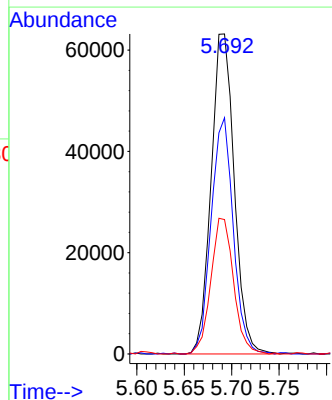
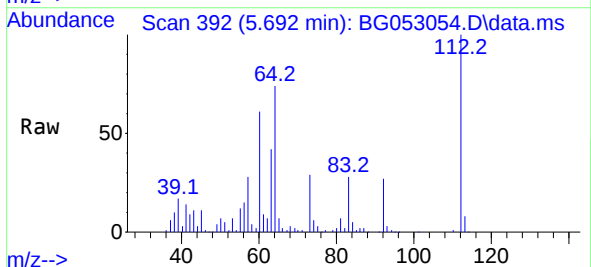
Instrument :
BNA_G
ClientSampleId :
TP-6

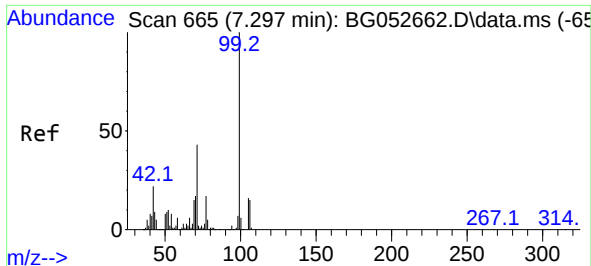
Tgt Ion:152 Resp: 36022
Ion Ratio Lower Upper
152 100
150 150.6 114.6 172.0
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 51.884 ng
RT: 5.692 min Scan# 392
Delta R.T. 0.008 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

Tgt Ion:112 Resp: 107318
Ion Ratio Lower Upper
112 100
64 73.8 48.0 72.0#
63 42.0 26.5 39.7#

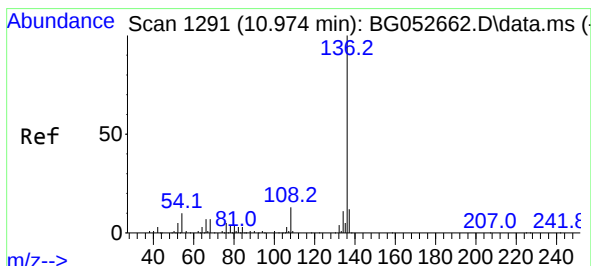
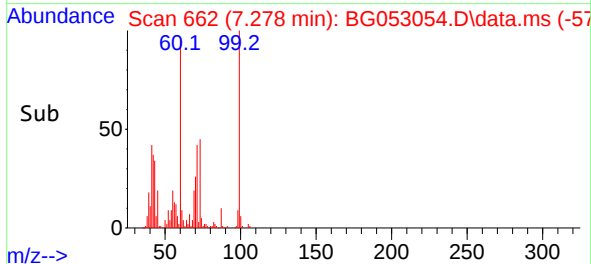
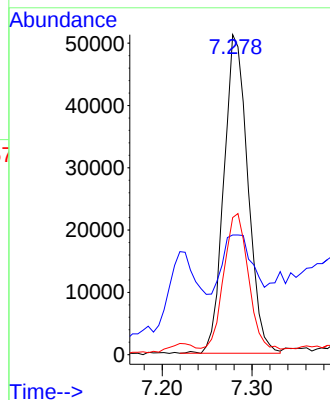
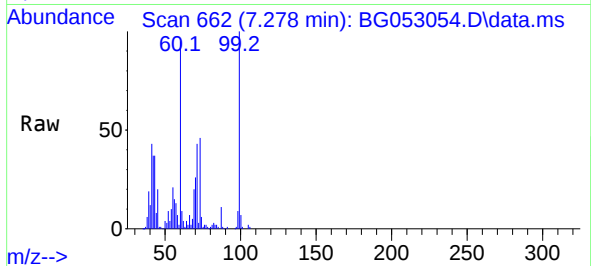




#7
Phenol-d6
Concen: 30.324 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

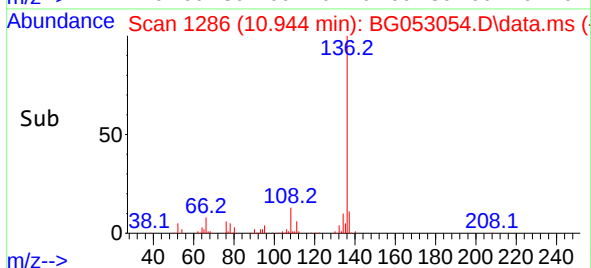
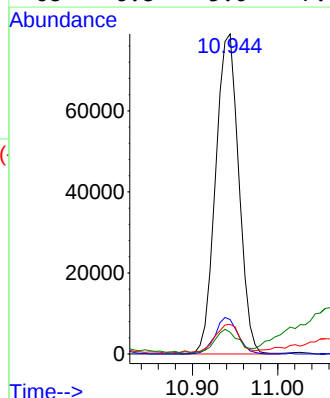
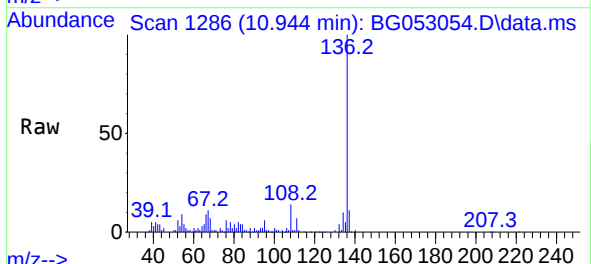
Instrument :
BNA_G
ClientSampleId :
TP-6

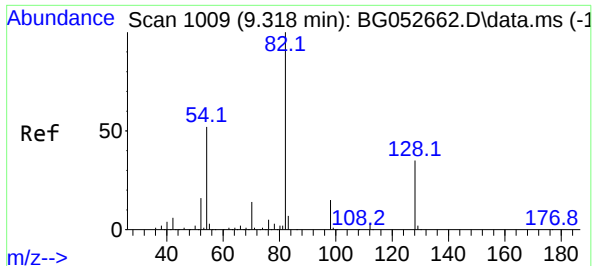
Tgt Ion: 99 Resp: 94563
Ion Ratio Lower Upper
99 100
42 37.4 14.7 22.1#
71 42.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.944 min Scan# 1286
Delta R.T. 0.002 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

Tgt Ion:136 Resp: 148890
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.2
54 9.2 6.4 9.6
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 98.863 ng

RT: 9.293 min Scan# 1005

Delta R.T. 0.002 min

Lab File: BG053054.D

Acq: 6 Apr 2022 14:32

Instrument :

BNA_G

ClientSampleId :

TP-6

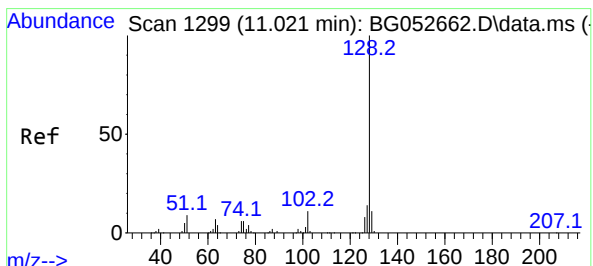
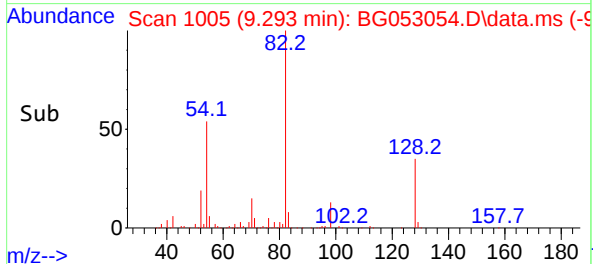
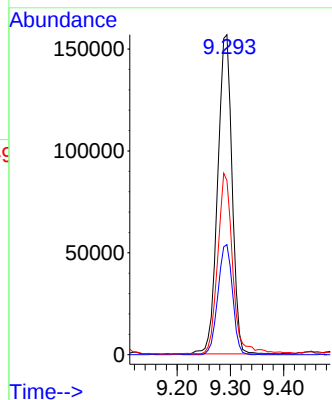
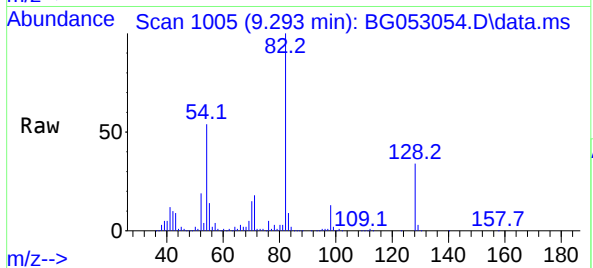
Tgt Ion: 82 Resp: 293277

Ion Ratio Lower Upper

82 100

128 34.4 31.3 46.9

54 54.5 37.8 56.8



#31

Naphthalene

Concen: 2.694 ng

RT: 10.991 min Scan# 1294

Delta R.T. 0.002 min

Lab File: BG053054.D

Acq: 6 Apr 2022 14:32

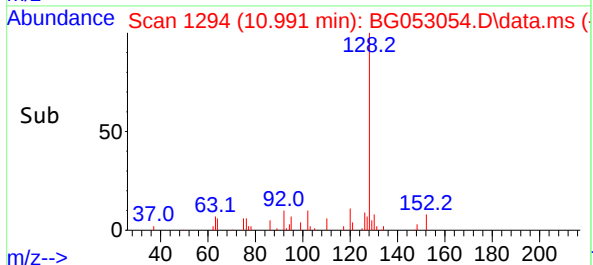
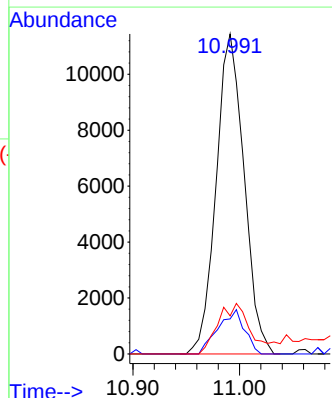
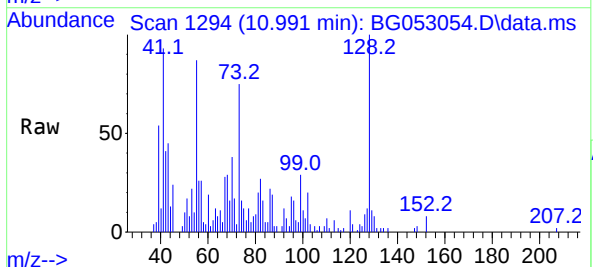
Tgt Ion: 128 Resp: 20741

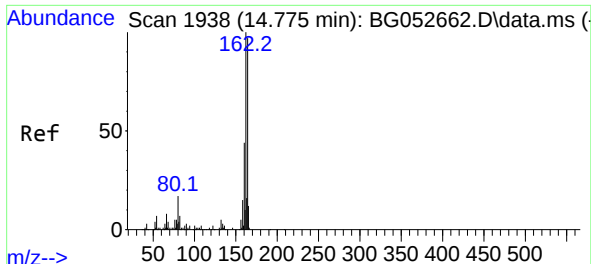
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 11.9 10.5 15.7

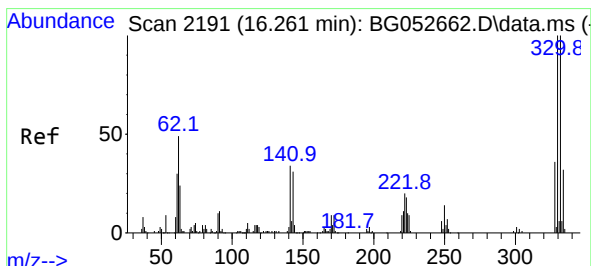
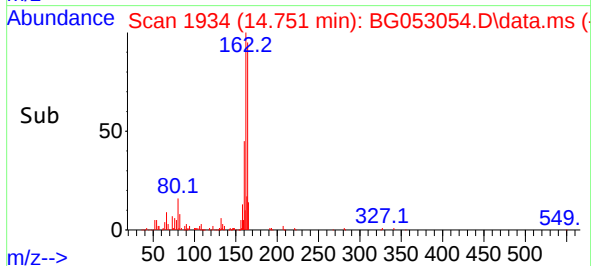
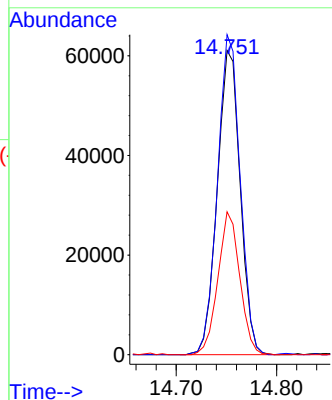
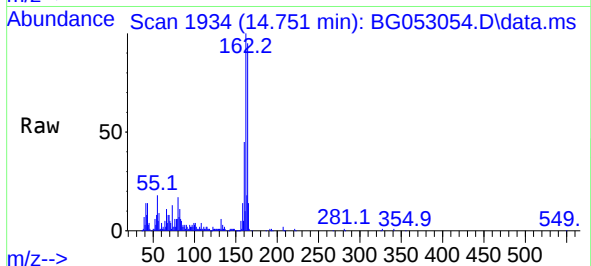




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

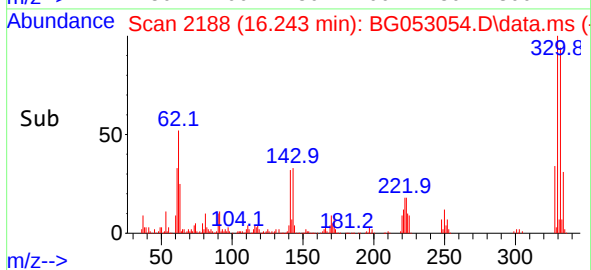
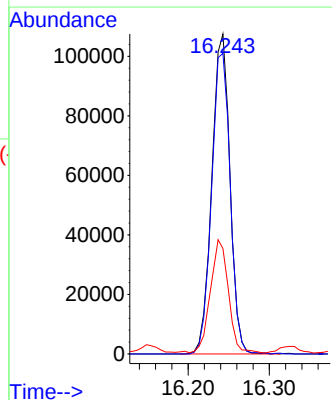
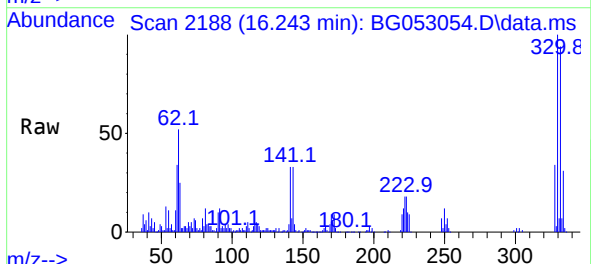
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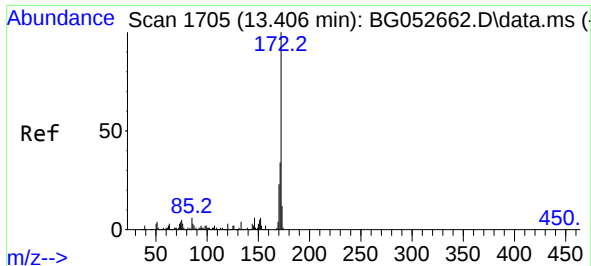
Tgt Ion:164 Resp: 96650
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 47.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 128.038 ng
RT: 16.243 min Scan# 2188
Delta R.T. 0.008 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

Tgt Ion:330 Resp: 166285
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 35.3 24.6 36.8

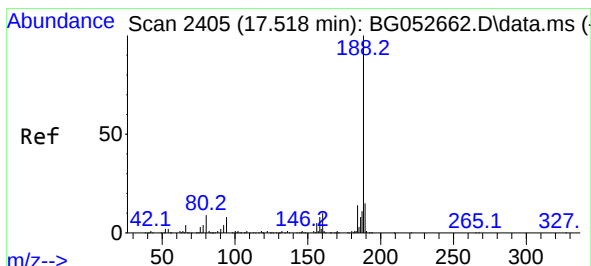
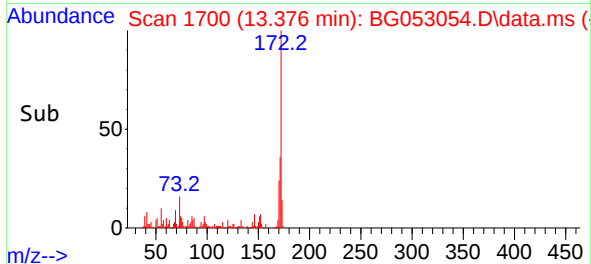
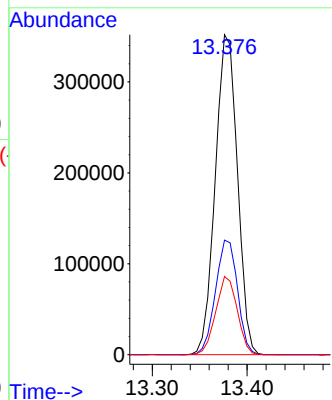
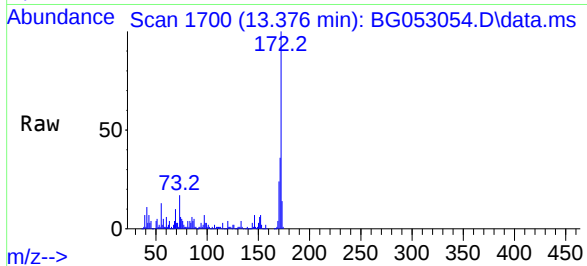




#45
2-Fluorobiphenyl
Concen: 87.248 ng
RT: 13.376 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

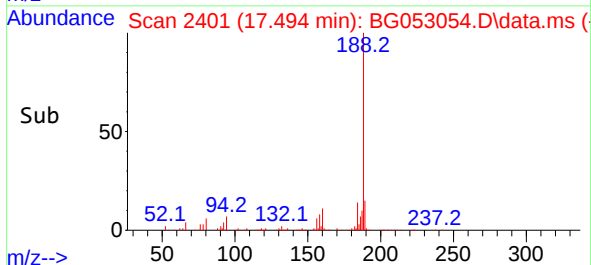
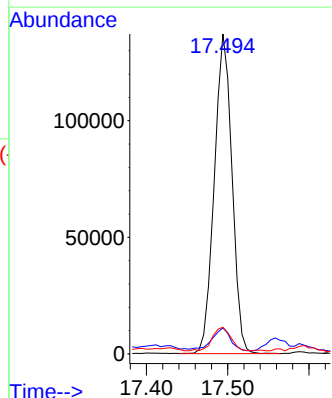
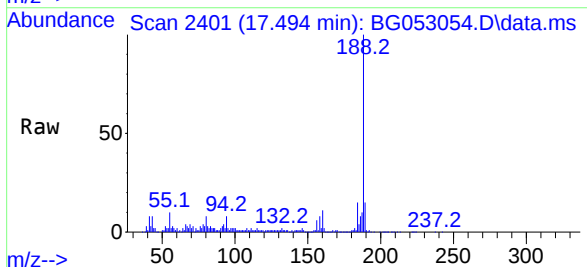
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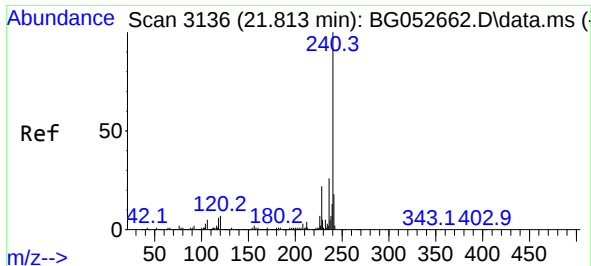
Tgt Ion:172 Resp: 571752
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.4 18.0 27.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2401
Delta R.T. 0.002 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

Tgt Ion:188 Resp: 206622
Ion Ratio Lower Upper
188 100
94 8.2 5.7 8.5
80 8.4 7.2 10.8

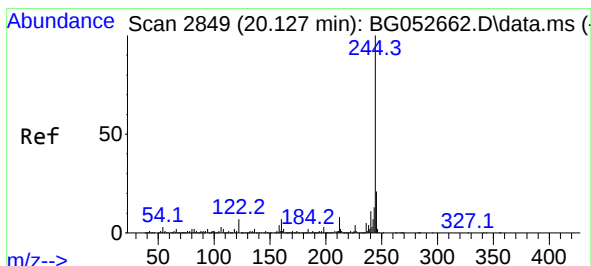
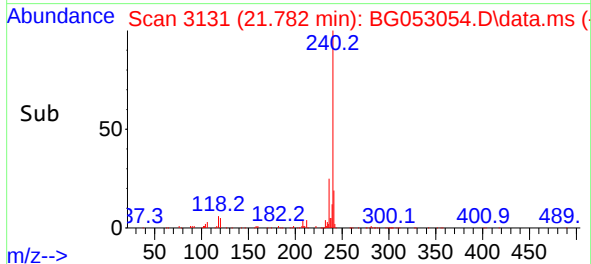
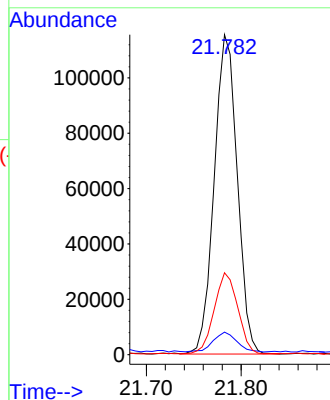
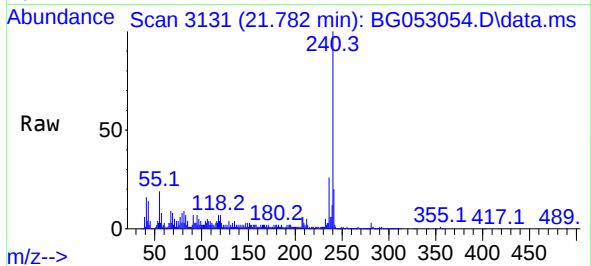




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.782 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

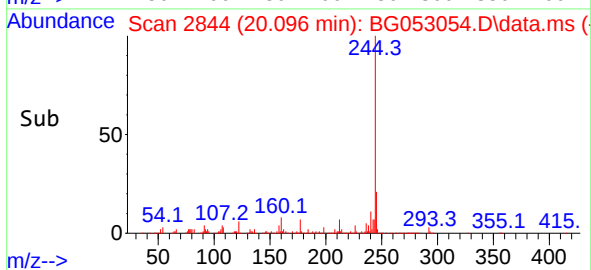
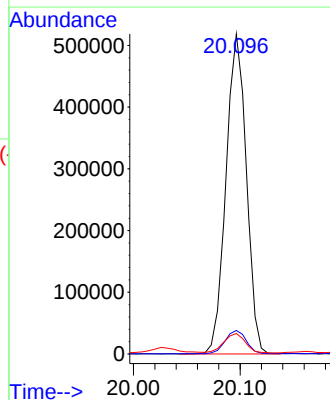
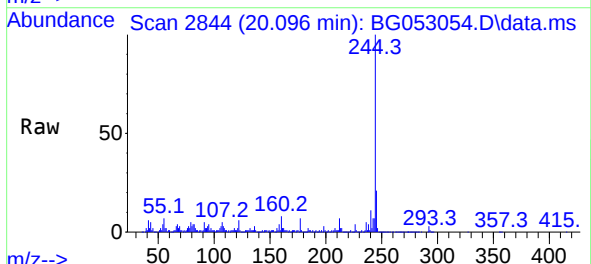
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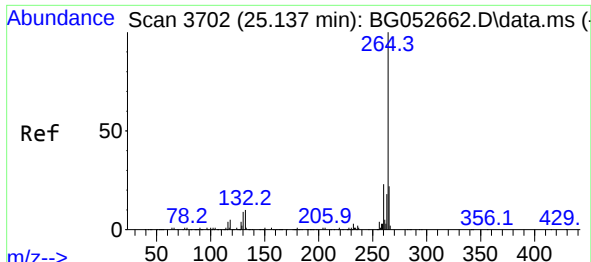
Tgt Ion:240 Resp: 194700
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.0
236 25.6 19.8 29.6



#79
Terphenyl-d14
Concen: 62.872 ng
RT: 20.096 min Scan# 2844
Delta R.T. 0.002 min
Lab File: BG053054.D
Acq: 6 Apr 2022 14:32

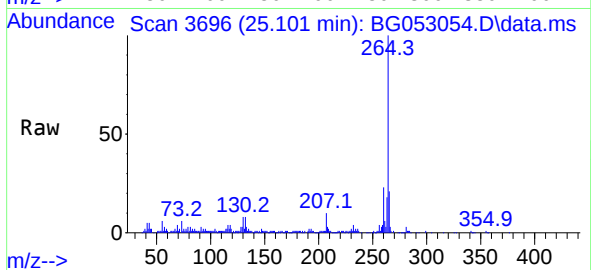
Tgt Ion:244 Resp: 688150
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.101 min Scan# 30
 Delta R.T. 0.020 min
 Lab File: BG053054.D
 Acq: 6 Apr 2022 14:32

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 206238

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.9	15.1	22.7

