

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053418.D
 Acq On : 3 May 2022 15:34
 Operator : CG/JU
 Sample : N2619-24
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-EQUIPMENT-RINSE

Quant Time: May 04 06:06:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	18389	20.000	ng	0.00
21) Naphthalene-d8	10.915	136	72812	20.000	ng	0.00
39) Acenaphthene-d10	14.721	164	60556	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	168815	20.000	ng	# 0.00
76) Chrysene-d12	21.747	240	184268	20.000	ng	0.00
86) Perylene-d12	25.043	264	186029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	81548	76.017	ng	0.00
7) Phenol-d6	7.261	99	70190	42.429	ng	0.00
23) Nitrobenzene-d5	9.258	82	185266	103.313	ng	0.00
42) 2,4,6-Tribromophenol	16.213	330	165100	171.368	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	429835	97.877	ng	0.00
79) Terphenyl-d14	20.073	244	1026408	94.075	ng	0.00

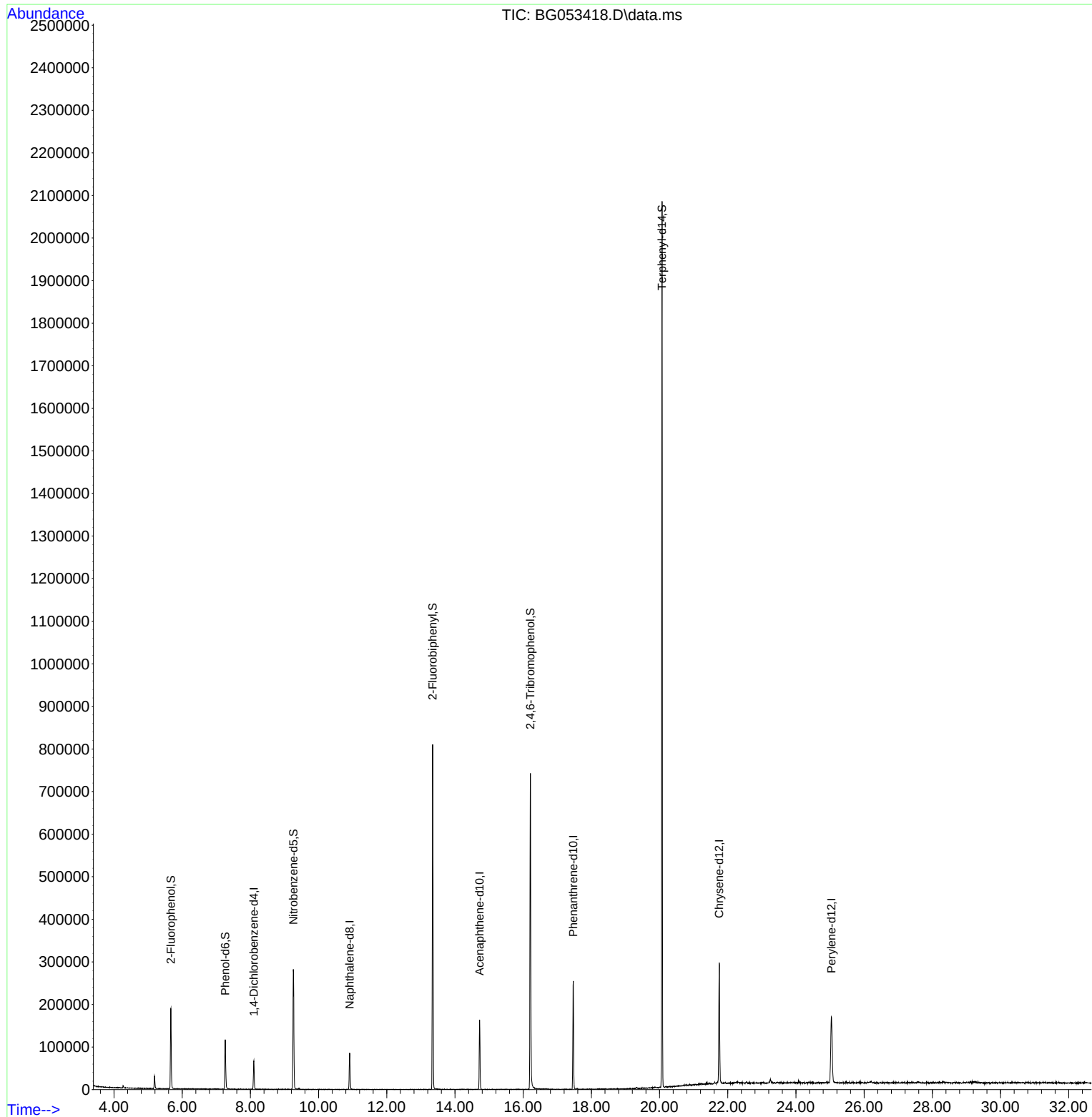
Target Compounds	Qvalue

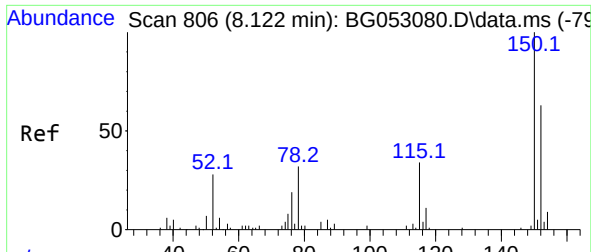
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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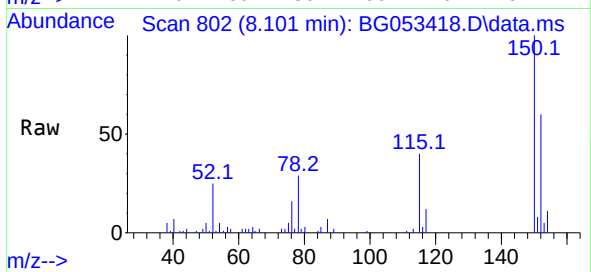
Quant Time: May 04 06:06:40 2022
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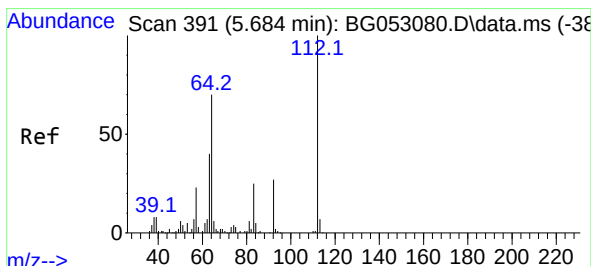
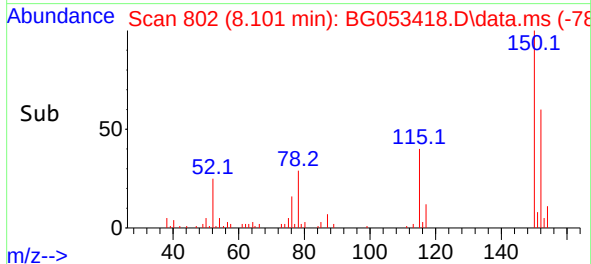
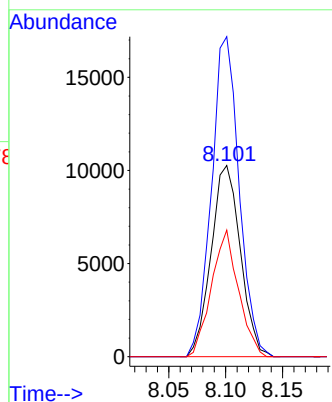


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

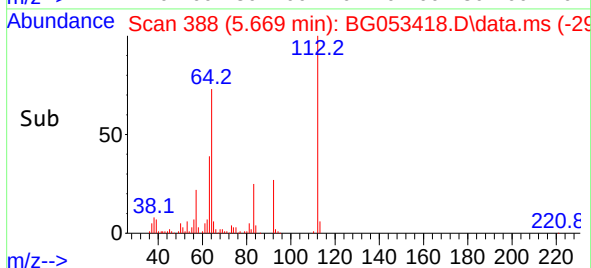
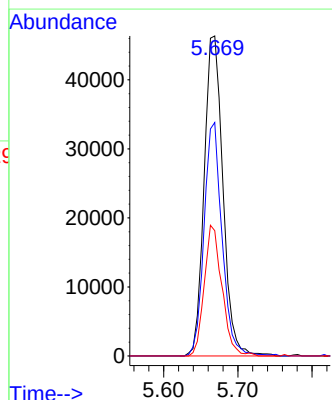
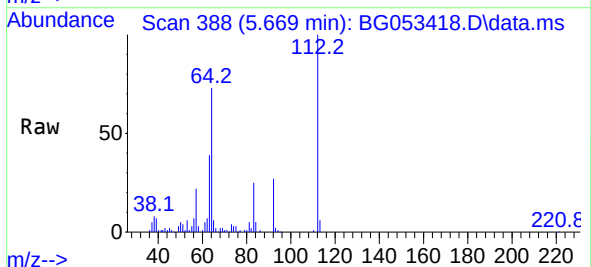


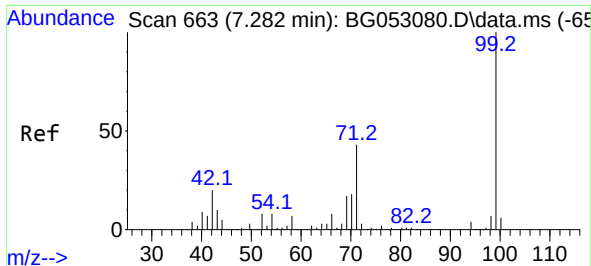
Tgt Ion:152 Resp: 18389
Ion Ratio Lower Upper
152 100
150 167.4 114.6 172.0
115 66.2 45.9 68.9



#5
2-Fluorophenol
Concen: 76.017 ng
RT: 5.669 min Scan# 388
Delta R.T. 0.005 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:112 Resp: 81548
Ion Ratio Lower Upper
112 100
64 73.0 48.0 72.0#
63 39.2 26.5 39.7

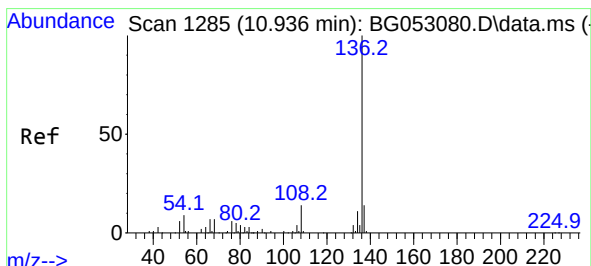
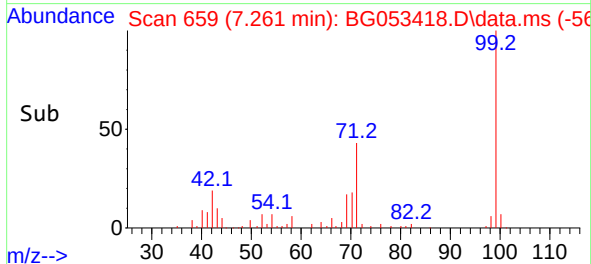
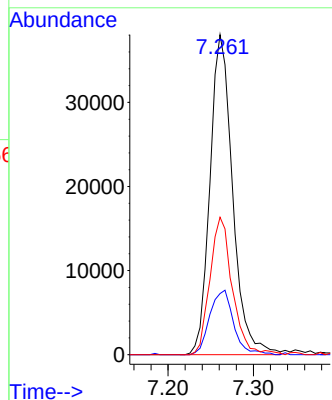
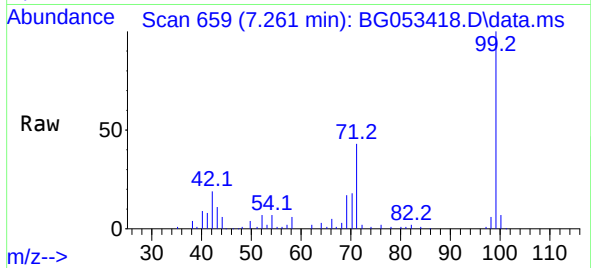




#7
Phenol-d6
Concen: 42.429 ng
RT: 7.261 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

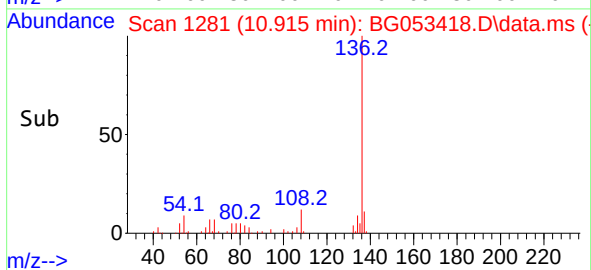
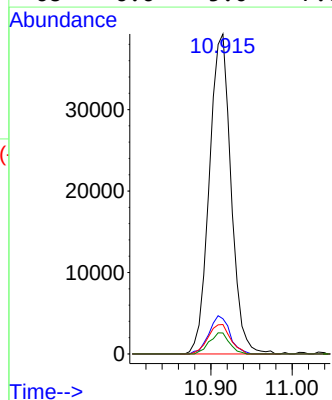
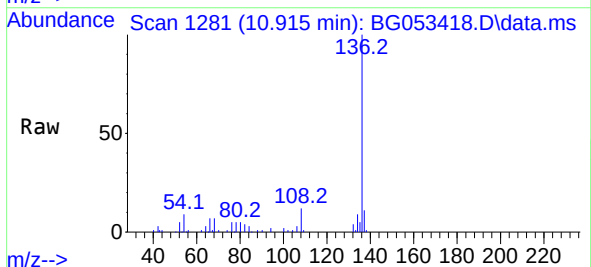
Instrument :
BNA_G
ClientSampleId :
SOIL-EQUIPMENT-RINSE

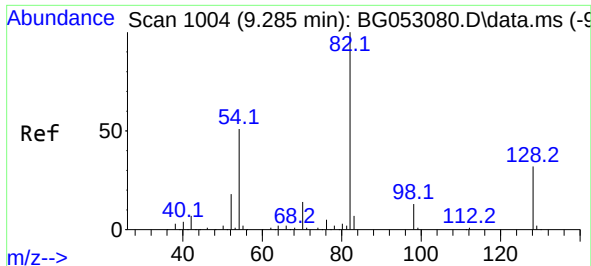
Tgt Ion: 99 Resp: 70190
Ion Ratio Lower Upper
99 100
42 19.1 14.7 22.1
71 43.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.915 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion: 136 Resp: 72812
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.2 6.4 9.6
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 103.313 ng

RT: 9.258 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG053418.D

Acq: 3 May 2022 15:34

Instrument :

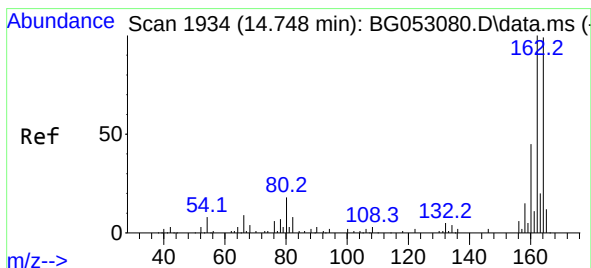
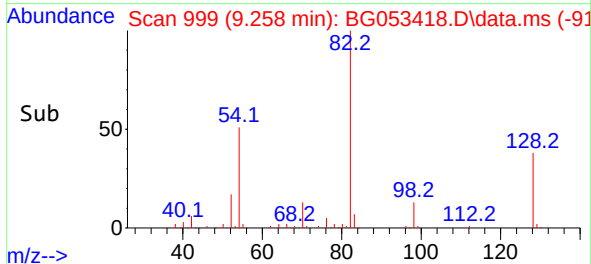
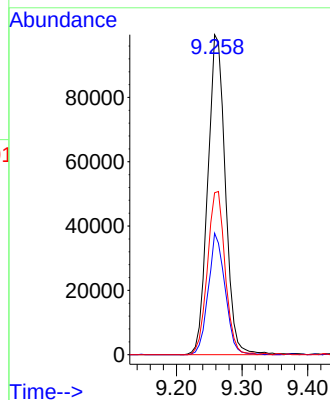
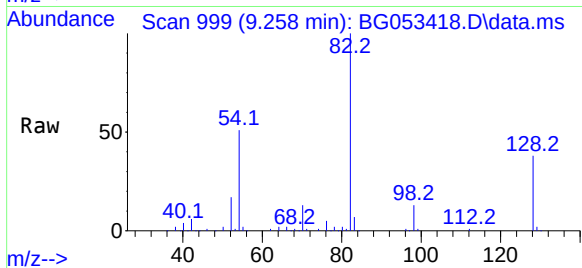
BNA_G

ClientSampleId :

SOIL-EQUIPMENT-RINSE

Tgt Ion: 82 Resp: 185266

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.3	46.9
54	50.6	37.8	56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.721 min Scan# 1929

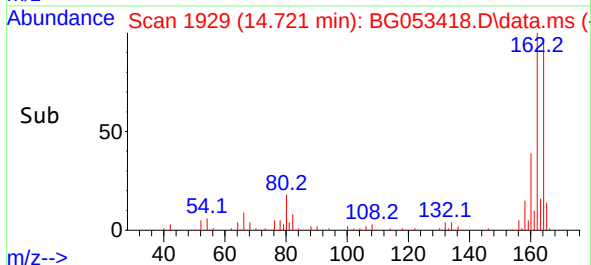
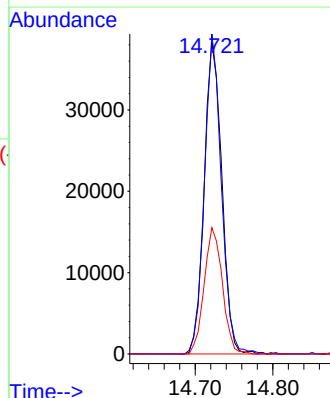
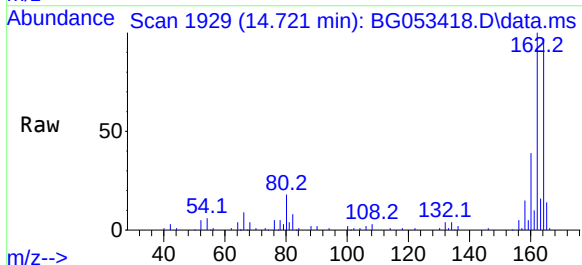
Delta R.T. -0.007 min

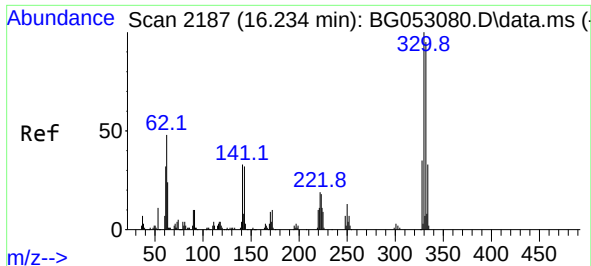
Lab File: BG053418.D

Acq: 3 May 2022 15:34

Tgt Ion:164 Resp: 60556

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.0	120.0
160	40.5	38.8	58.2

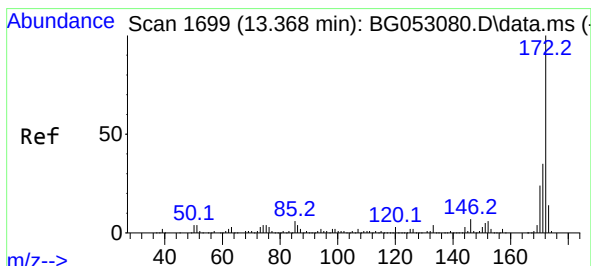
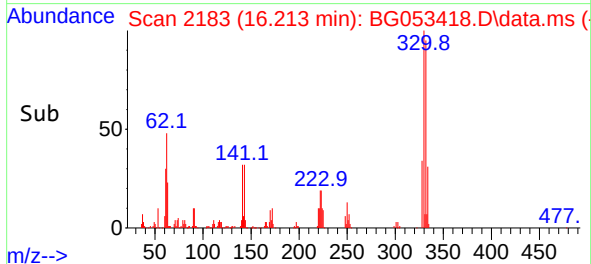
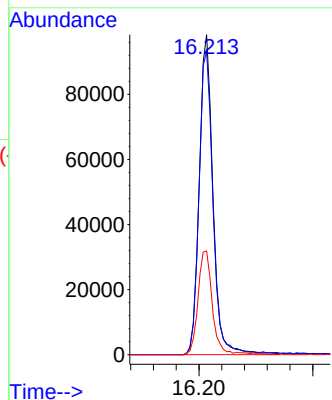
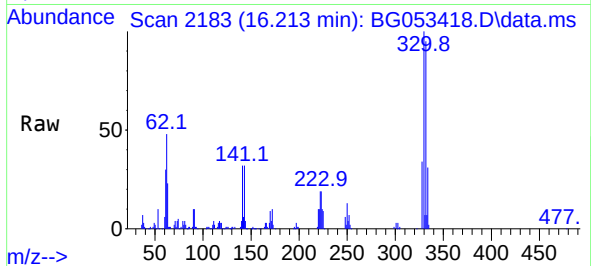




#42
2,4,6-Tribromophenol
Concen: 171.368 ng
RT: 16.213 min Scan# 2187
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

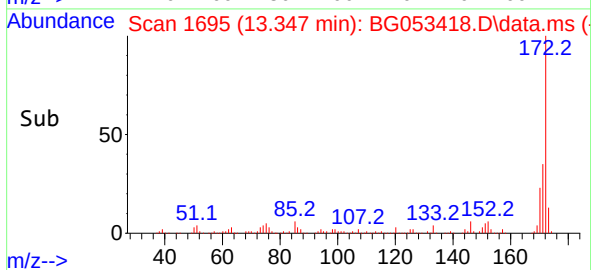
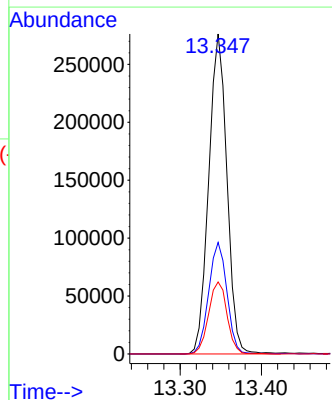
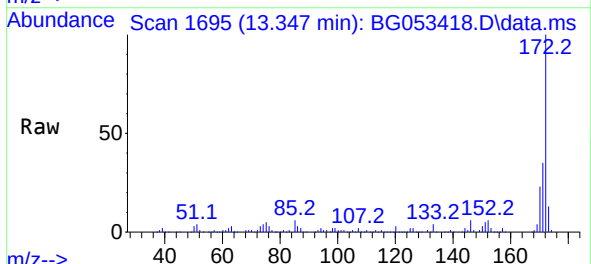
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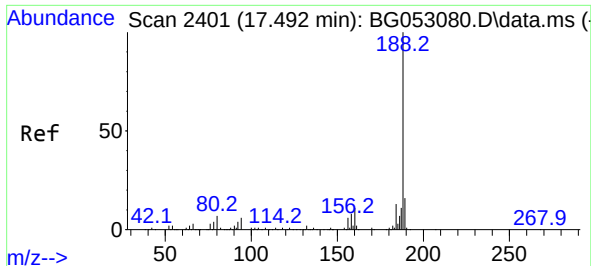
Tgt Ion:330 Resp: 165100
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 97.877 ng
RT: 13.347 min Scan# 1695
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

Tgt Ion:172 Resp: 429835
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.5 18.0 27.0

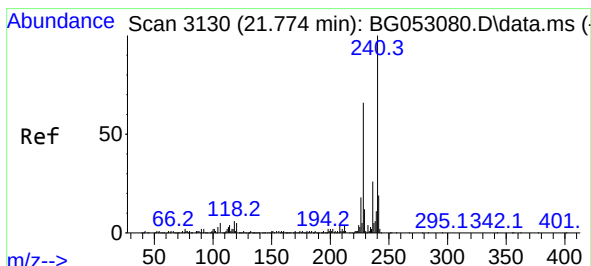
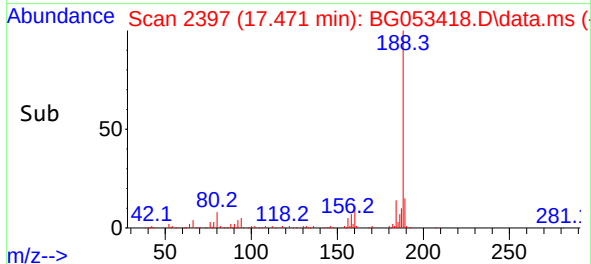
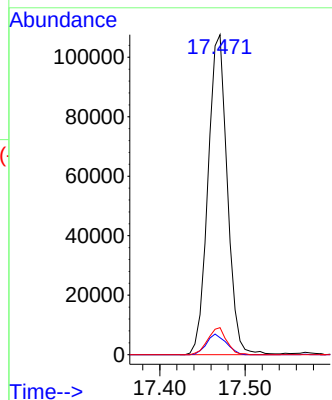
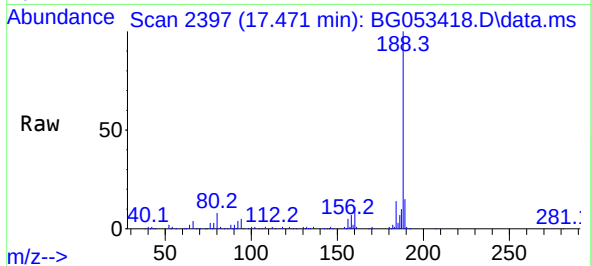




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

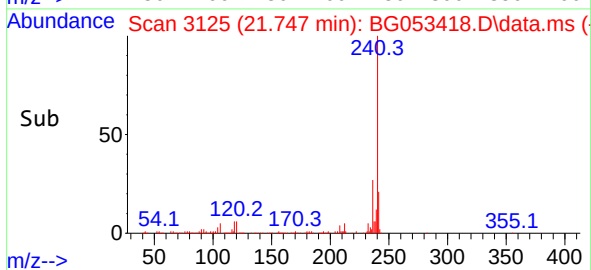
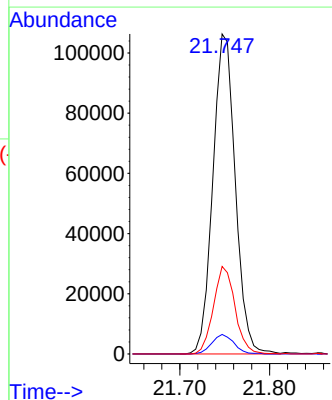
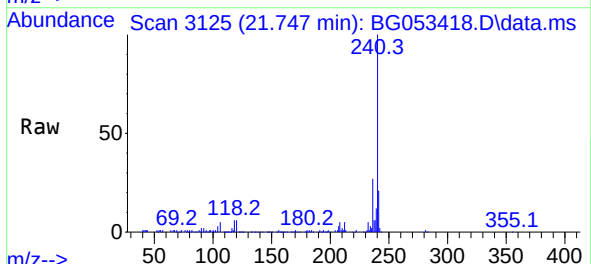
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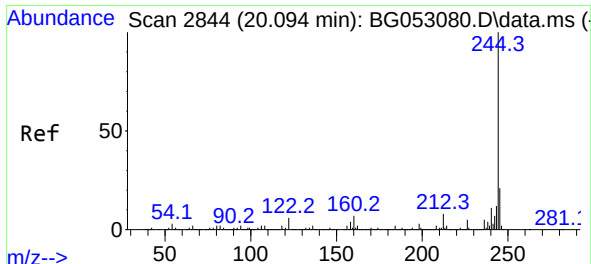
Tgt Ion:188 Resp: 168815
Ion Ratio Lower Upper
188 100
94 5.3 5.7 8.5#
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG053418.D
Acq: 3 May 2022 15:34

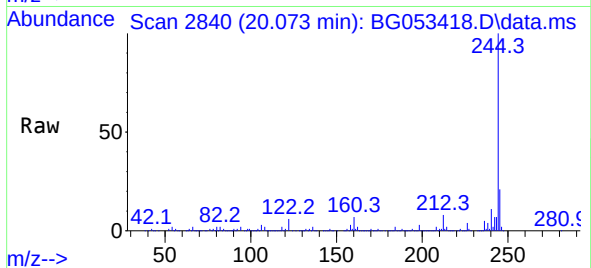
Tgt Ion:240 Resp: 184268
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 27.4 19.8 29.6





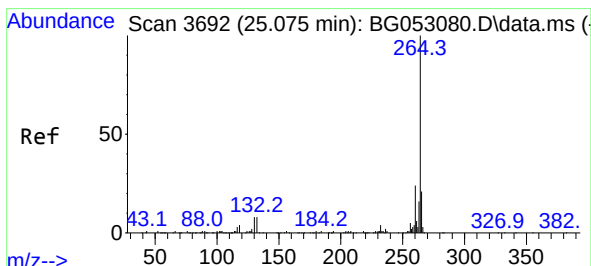
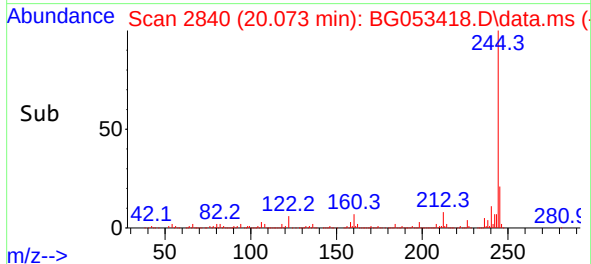
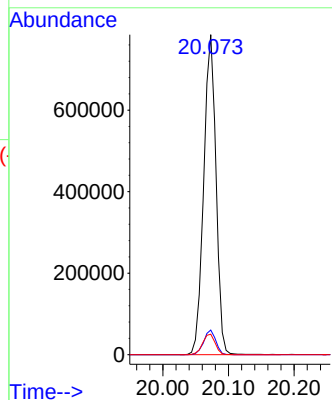
#79
 Terphenyl-d14
 Concen: 94.075 ng
 RT: 20.073 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053418.D
 Acq: 3 May 2022 15:34

Instrument :
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Tgt Ion:244 Resp: 1026408

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	6.4	5.8	8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.043 min Scan# 3686
 Delta R.T. -0.001 min
 Lab File: BG053418.D
 Acq: 3 May 2022 15:34

Tgt Ion:264 Resp: 186029

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.2
265	20.2	15.1	22.7

