

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054990.D
 Acq On : 20 Sep 2022 17:28
 Operator : CG/JU
 Sample : N4697-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-25-COMP

Quant Time: Sep 21 02:53:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	39588	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	159499	20.000	ng	# 0.00
39) Acenaphthene-d10	14.700	164	112114	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	274915	20.000	ng	# 0.00
76) Chrysene-d12	21.721	240	279343	20.000	ng	-0.01
86) Perylene-d12	25.029	264	294148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	248809	122.977	ng	0.00
7) Phenol-d6	7.221	99	329475	121.494	ng	0.00
23) Nitrobenzene-d5	9.236	82	191406	69.557	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	160501	122.202	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	501600	70.509	ng	0.00
79) Terphenyl-d14	20.053	244	934403	69.971	ng	0.00

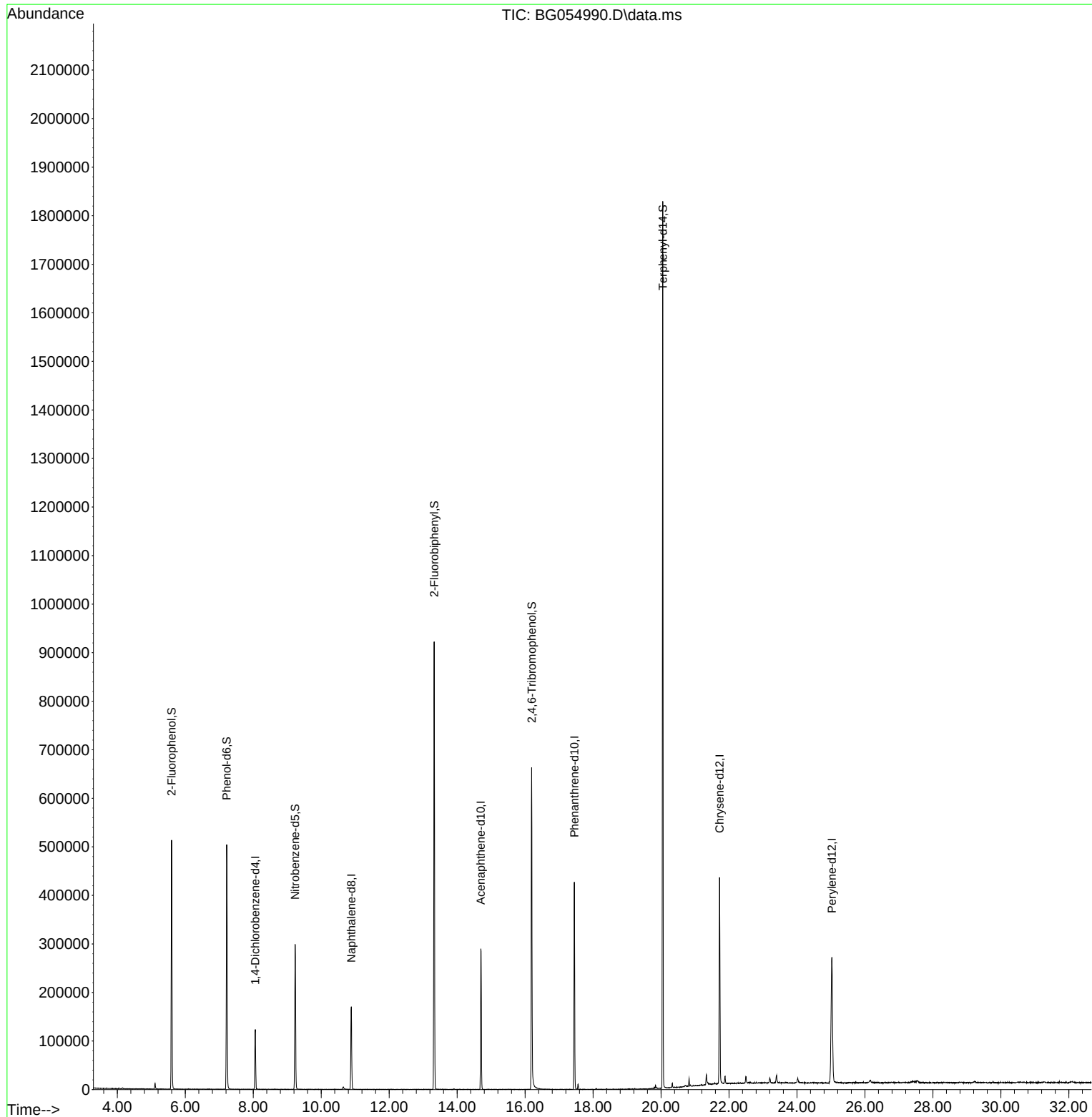
Target Compounds	Qvalue

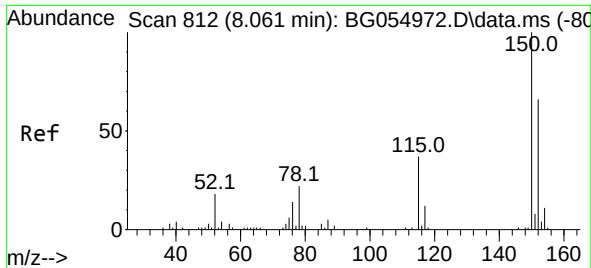
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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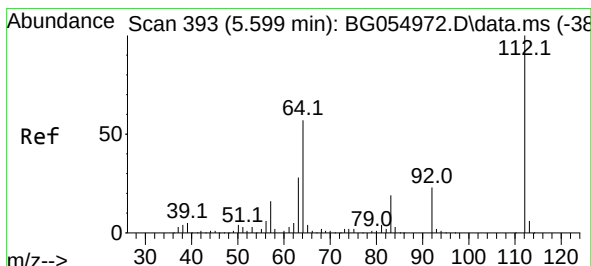
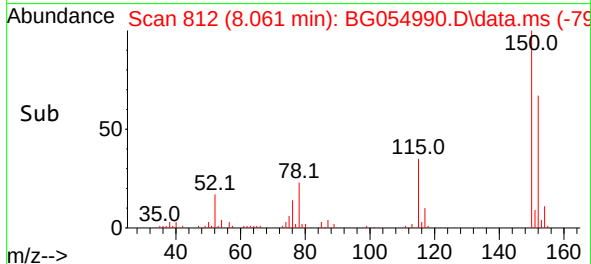
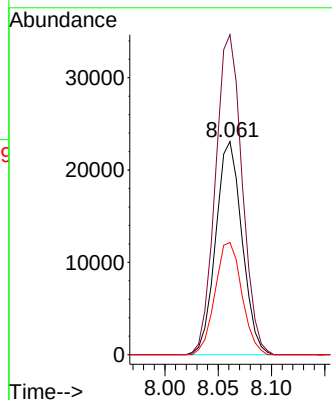
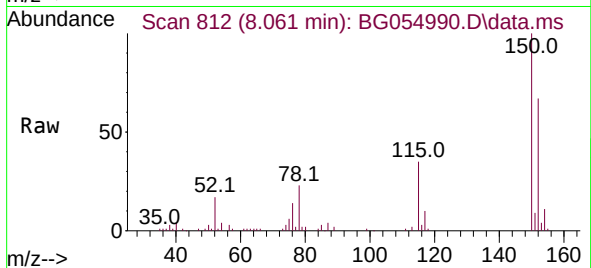




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

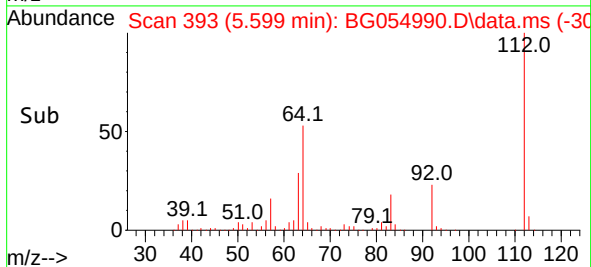
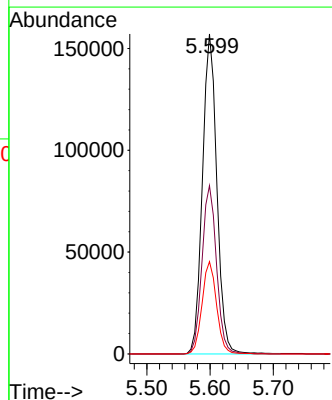
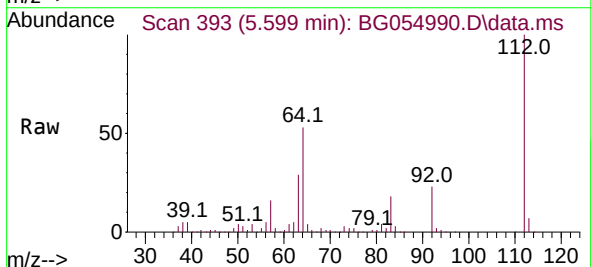
Instrument :
BNA_G
ClientSampleId :
SB-25-COMP

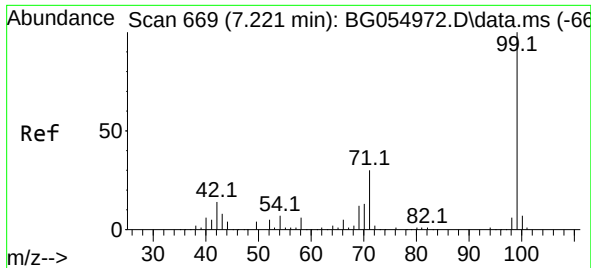
Tgt Ion:152 Resp: 39588
Ion Ratio Lower Upper
152 100
150 150.2 125.2 187.8
115 52.6 47.9 71.9



#5
2-Fluorophenol
Concen: 122.977 ng
RT: 5.599 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

Tgt Ion:112 Resp: 248809
Ion Ratio Lower Upper
112 100
64 52.6 49.3 73.9
63 28.8 26.3 39.5

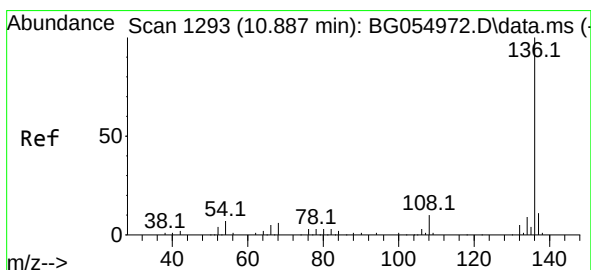
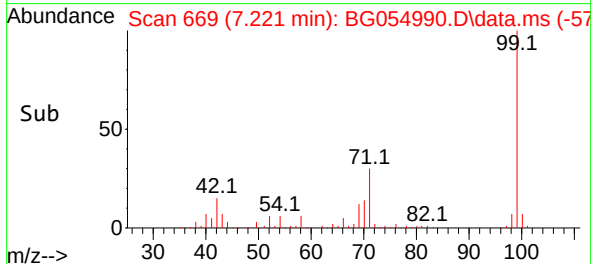
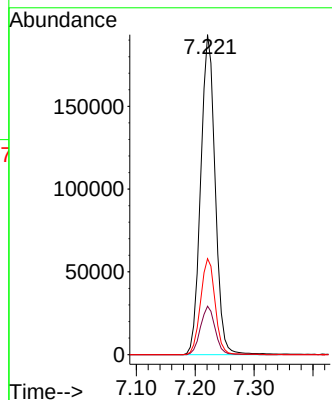
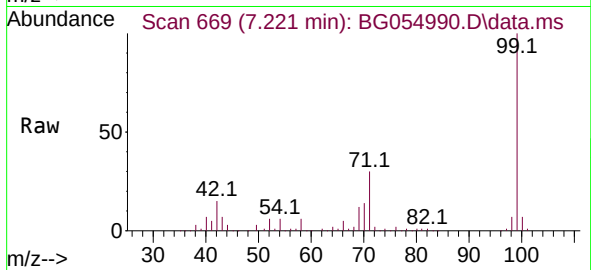




#7
Phenol-d6
Concen: 121.494 ng
RT: 7.221 min Scan# 669
Delta R.T. 0.000 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

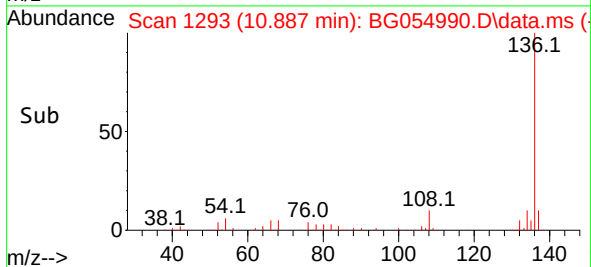
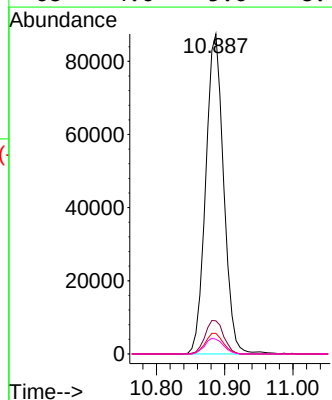
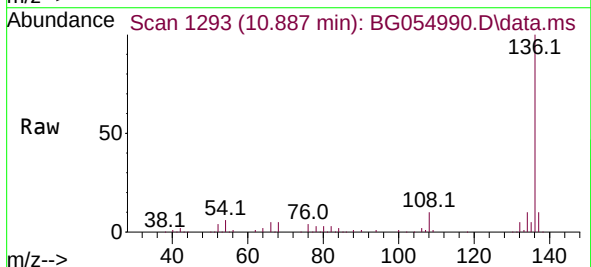
Instrument :
BNA_G
ClientSampleId :
SB-25-COMP

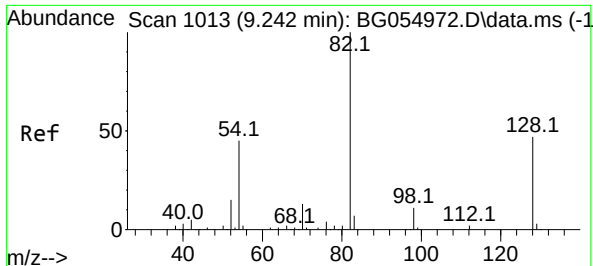
Tgt Ion: 99 Resp: 329475
Ion Ratio Lower Upper
99 100
42 15.1 14.6 22.0
71 30.0 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

Tgt Ion: 136 Resp: 159499
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 6.4 7.7 11.5#
68 4.6 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 69.557 ng

RT: 9.236 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BG054990.D

Acq: 20 Sep 2022 17:28

Instrument :

BNA_G

ClientSampleId :

SB-25-COMP

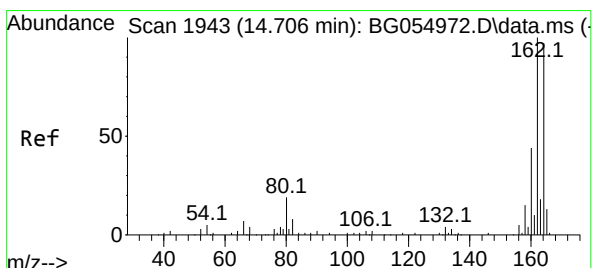
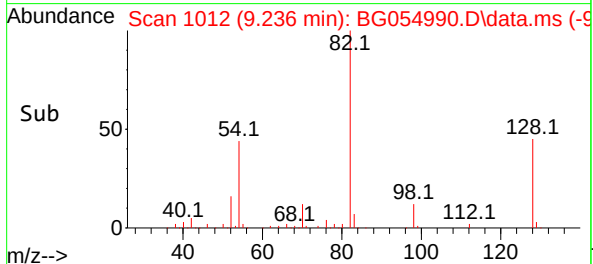
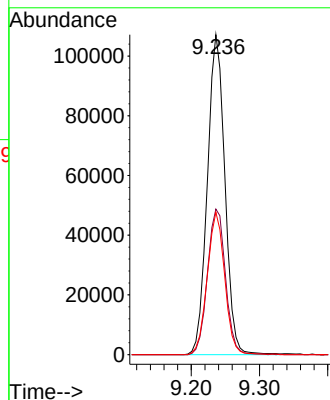
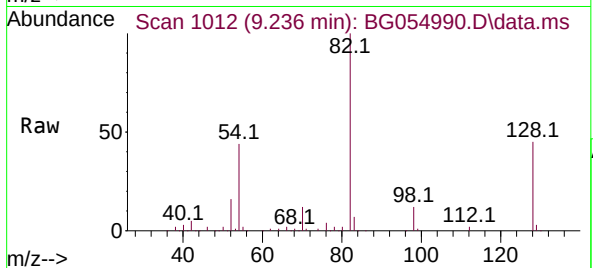
Tgt Ion: 82 Resp: 191406

Ion Ratio Lower Upper

82 100

128 45.5 32.2 48.2

54 44.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.700 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BG054990.D

Acq: 20 Sep 2022 17:28

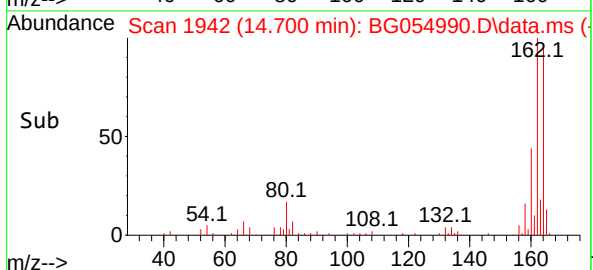
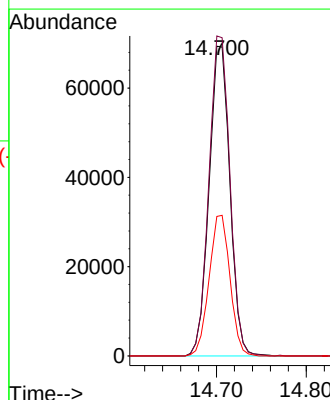
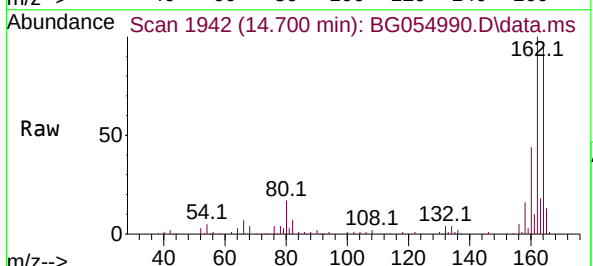
Tgt Ion:164 Resp: 112114

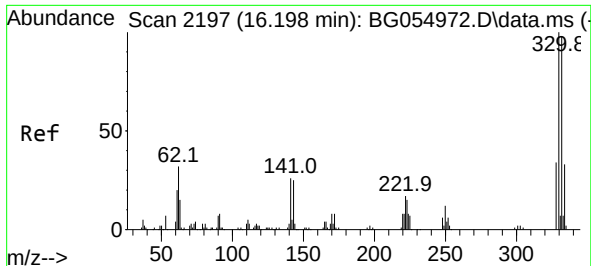
Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

160 45.0 38.0 57.0

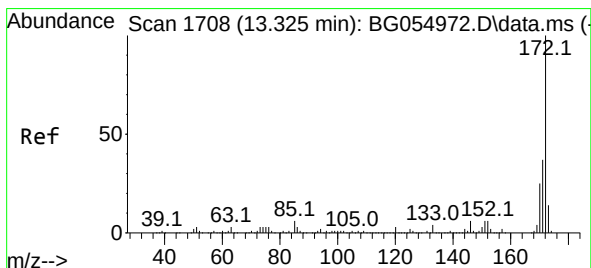
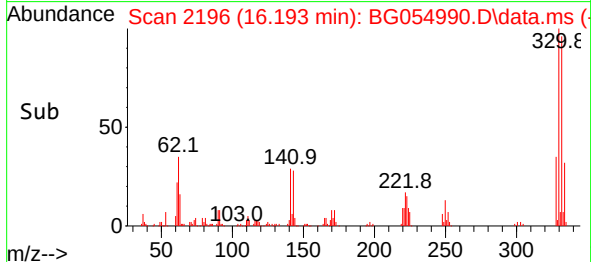
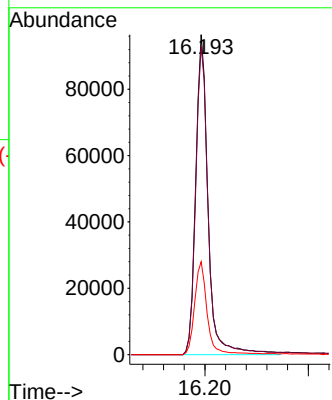
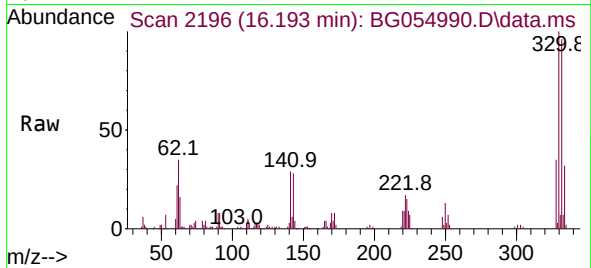




#42
2,4,6-Tribromophenol
Concen: 122.202 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

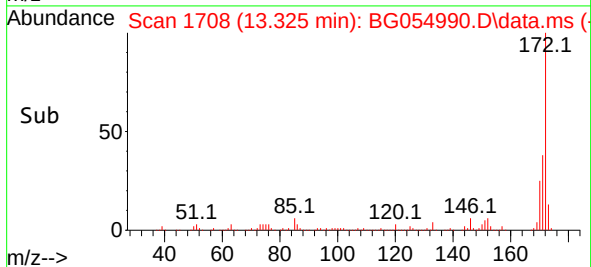
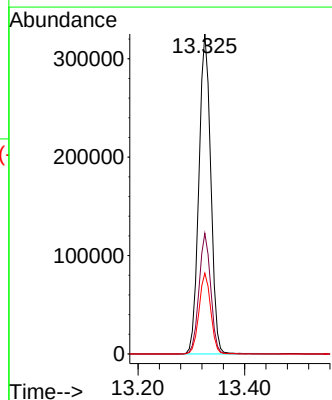
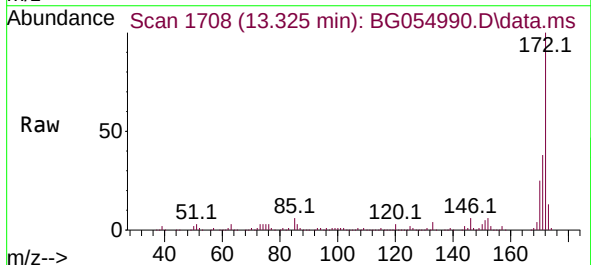
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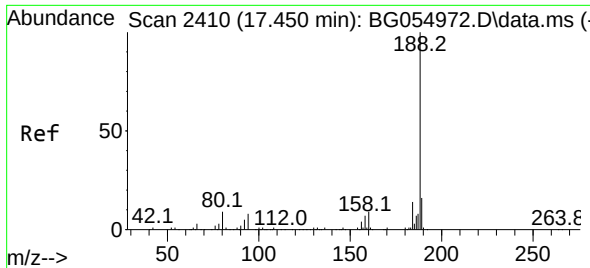
Tgt Ion:330 Resp: 160501
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 29.4 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 70.509 ng
RT: 13.325 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

Tgt Ion:172 Resp: 501600
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 25.2 20.6 30.8

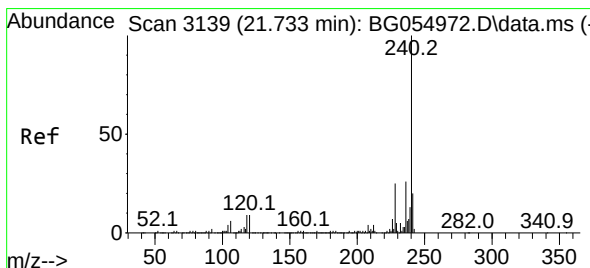
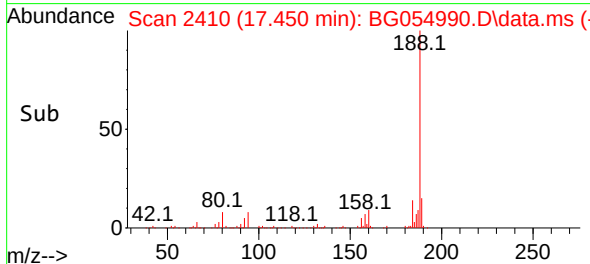
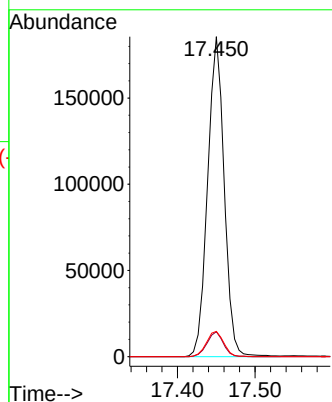
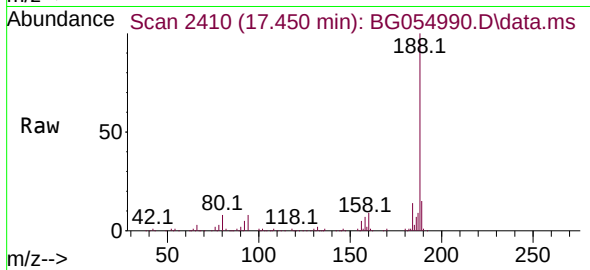




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

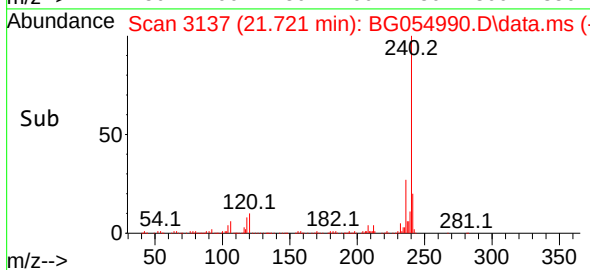
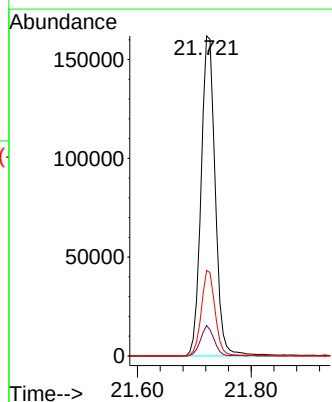
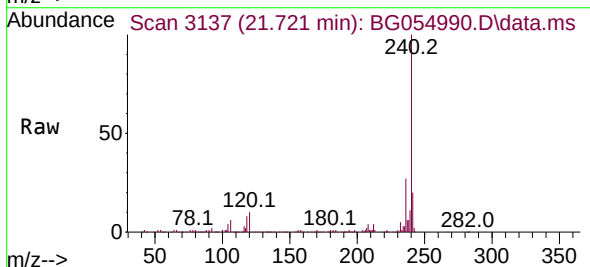
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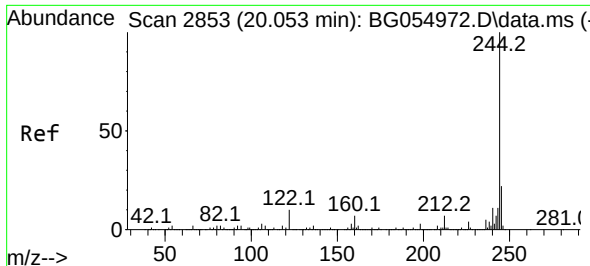
Tgt Ion:188 Resp: 274915
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 7.9 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BG054990.D
Acq: 20 Sep 2022 17:28

Tgt Ion:240 Resp: 279343
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.7 21.2 31.8

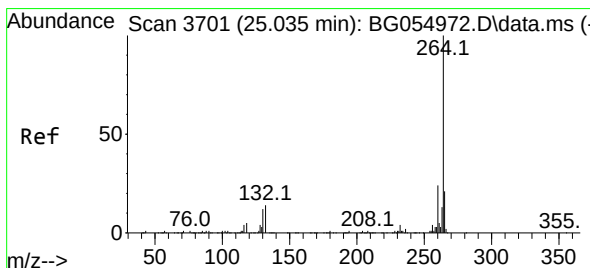
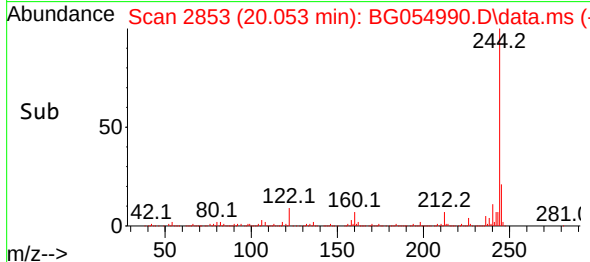
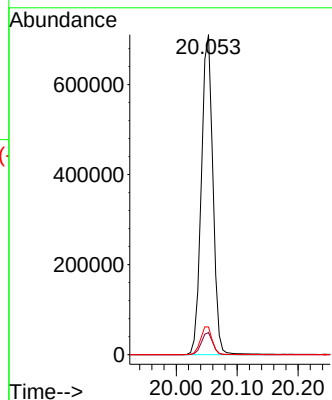
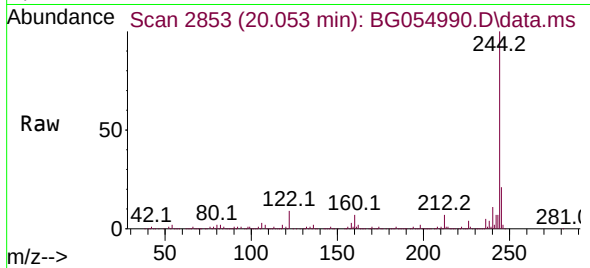




#79
 Terphenyl-d14
 Concen: 69.971 ng
 RT: 20.053 min Scan# 2853
 Delta R.T. 0.000 min
 Lab File: BG054990.D
 Acq: 20 Sep 2022 17:28

Instrument :
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Tgt Ion:244 Resp: 934403
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.6 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.029 min Scan# 3700
 Delta R.T. -0.006 min
 Lab File: BG054990.D
 Acq: 20 Sep 2022 17:28

Tgt Ion:264 Resp: 294148
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 21.9 16.9 25.3

