

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049841.D
 Acq On : 13 Aug 2021 19:23
 Operator : CG/JU
 Sample : M3343-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20210555-COM-28

Quant Time: Aug 14 02:31:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	28857	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	110756	20.000	ng	#-0.02
39) Acenaphthene-d10	14.680	164	79723	20.000	ng	-0.02
64) Phenanthrene-d10	17.436	188	191710	20.000	ng	# 0.00
76) Chrysene-d12	21.718	240	170694	20.000	ng	0.00
86) Perylene-d12	25.002	264	169498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	149065	92.600	ng	0.00
7) Phenol-d6	7.196	99	199573	81.900	ng	0.00
23) Nitrobenzene-d5	9.200	82	138716	55.422	ng	-0.02
42) 2,4,6-Tribromophenol	16.178	330	109636	93.560	ng	0.00
45) 2-Fluorobiphenyl	13.300	172	250366	45.696	ng	-0.02
79) Terphenyl-d14	20.044	244	411036	43.735	ng	0.00

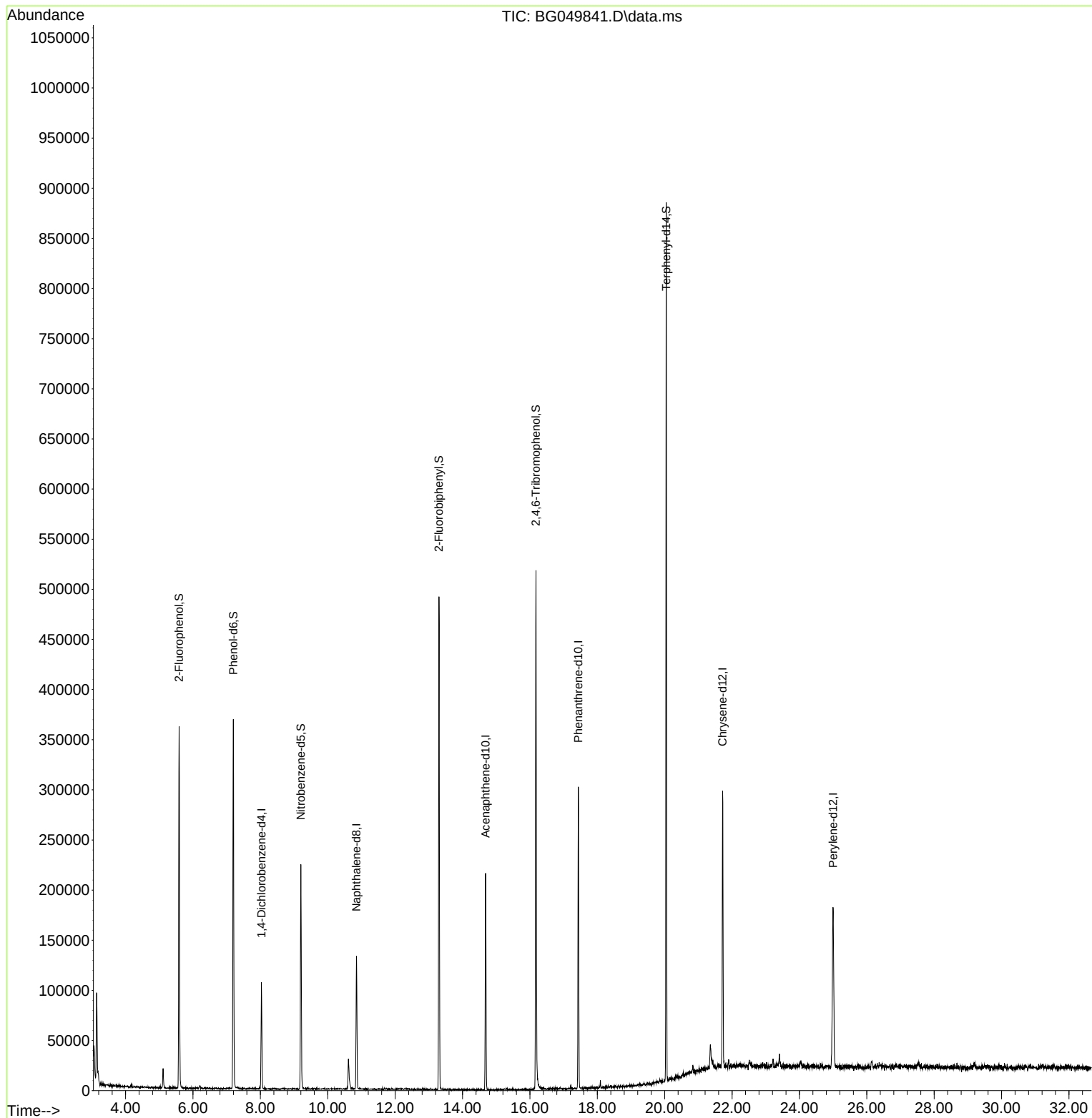
Target Compounds	Qvalue

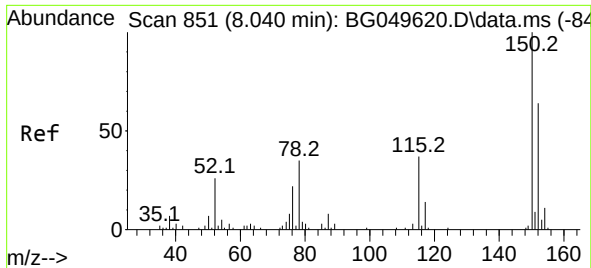
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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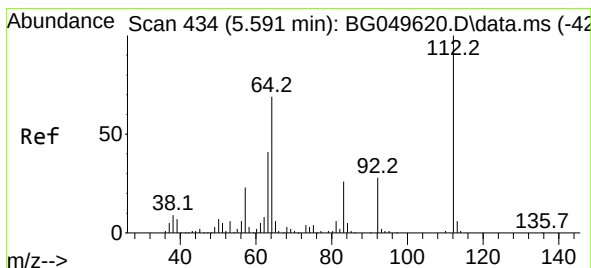
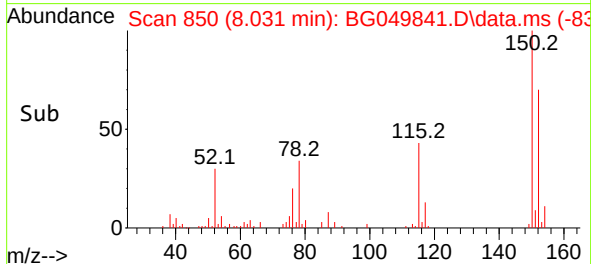
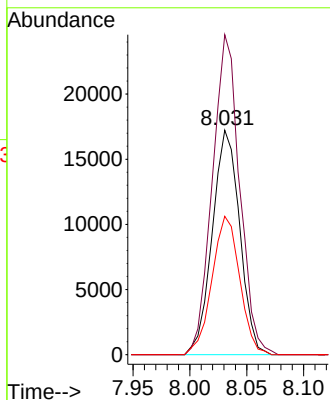
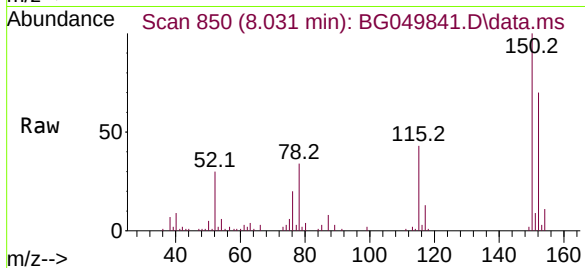




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.031 min Scan# 850
Delta R.T. -0.009 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

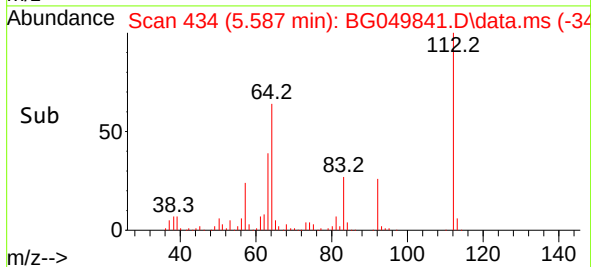
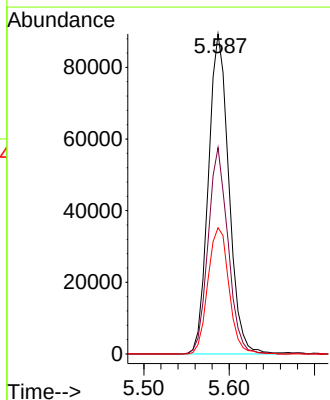
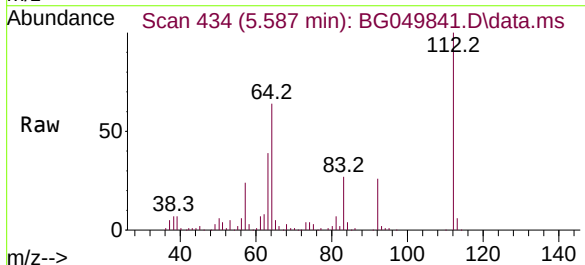
Instrument :
BNA_G
ClientSampleId :
20210555-COM-28

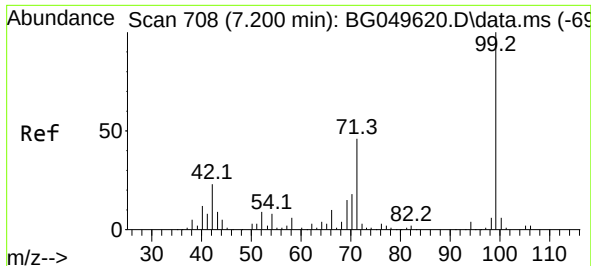
Tgt Ion:152 Resp: 28857
Ion Ratio Lower Upper
152 100
150 142.6 119.4 179.0
115 61.7 60.2 90.4



#5
2-Fluorophenol
Concen: 92.600 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

Tgt Ion:112 Resp: 149065
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 39.4 35.3 52.9

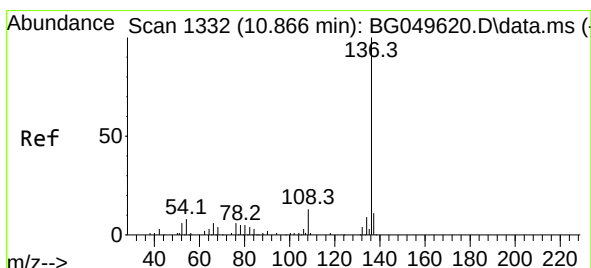
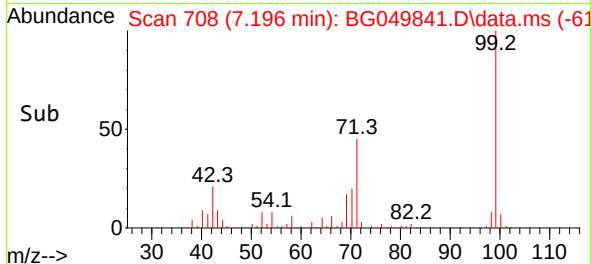
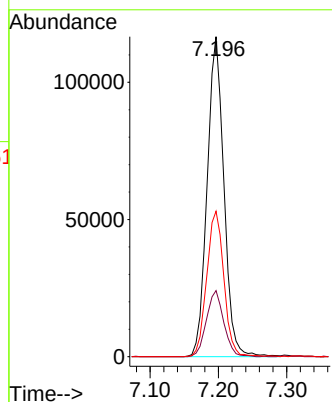
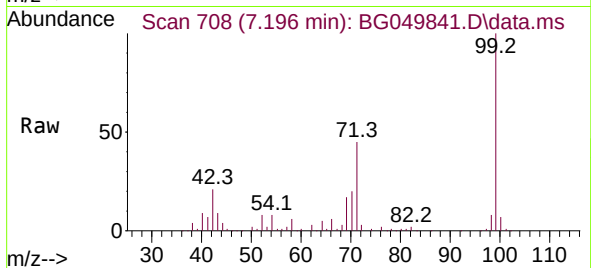




#7
Phenol-d6
Concen: 81.900 ng
RT: 7.196 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

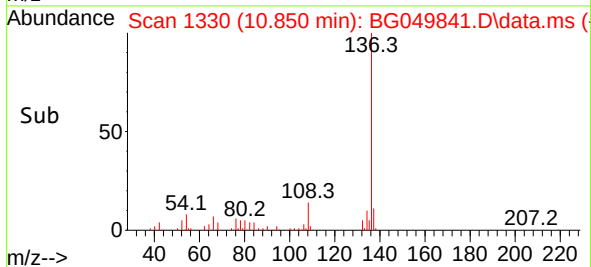
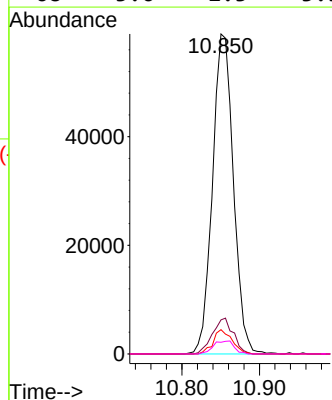
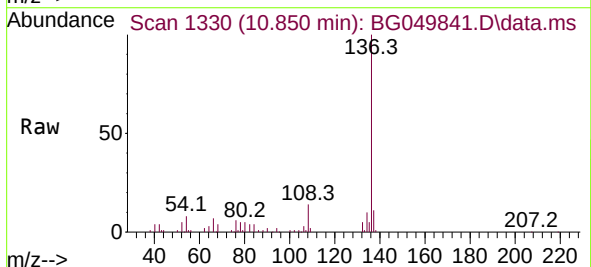
Instrument :
BNA_G
ClientSampleId :
20210555-COM-28

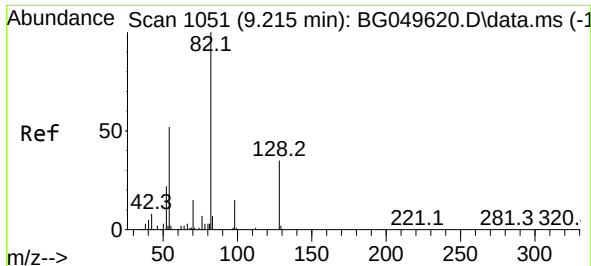
Tgt Ion: 99 Resp: 199573
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 45.4 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.850 min Scan# 1330
Delta R.T. -0.016 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

Tgt Ion:136 Resp: 110756
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 7.6 5.5 8.3
68 3.6 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 55.422 ng

RT: 9.200 min Scan# 1049

Delta R.T. -0.016 min

Lab File: BG049841.D

Acq: 13 Aug 2021 19:23

Instrument :

BNA_G

ClientSampleId :

20210555-COM-28

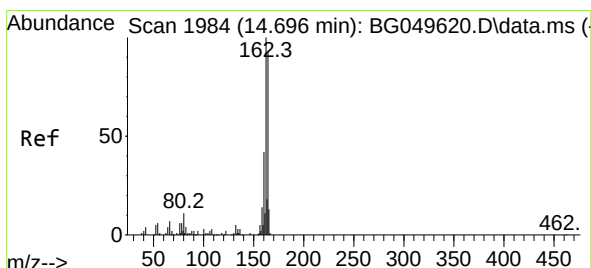
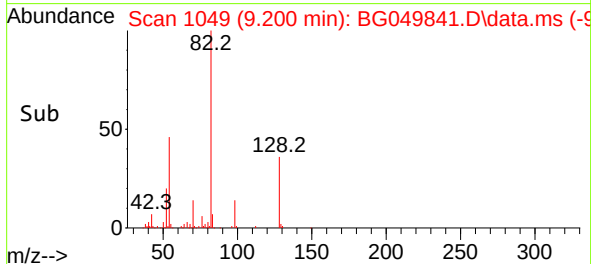
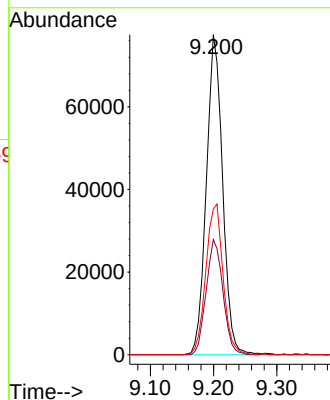
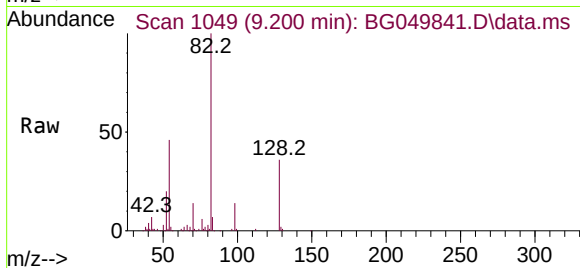
Tgt Ion: 82 Resp: 138716

Ion Ratio Lower Upper

82 100

128 35.9 29.8 44.6

54 45.5 45.8 68.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.680 min Scan# 1982

Delta R.T. -0.016 min

Lab File: BG049841.D

Acq: 13 Aug 2021 19:23

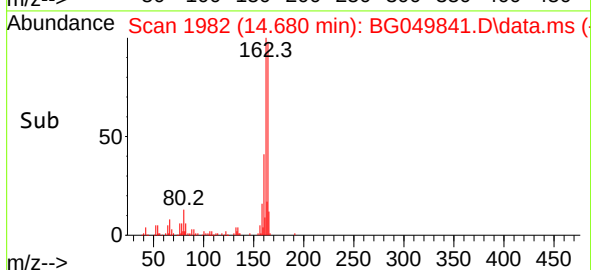
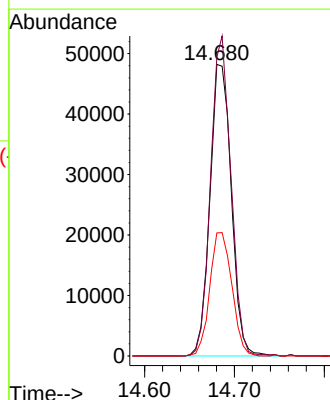
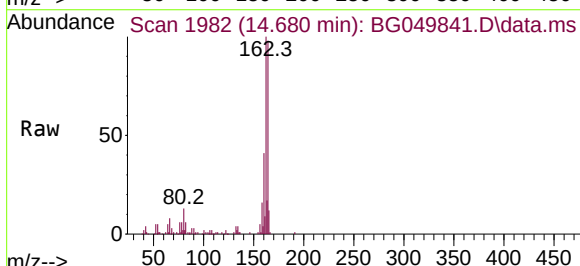
Tgt Ion: 164 Resp: 79723

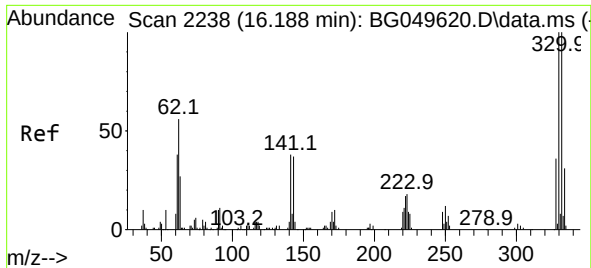
Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 42.2 34.9 52.3

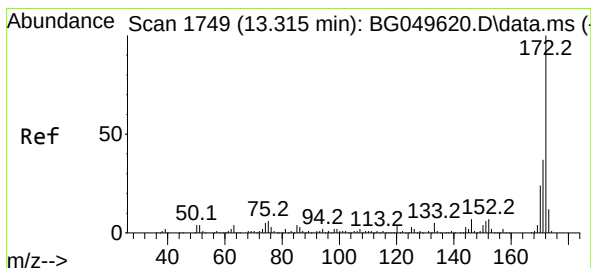
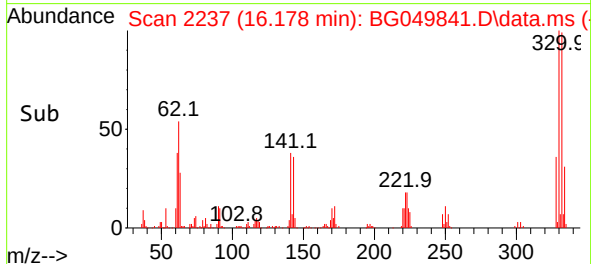
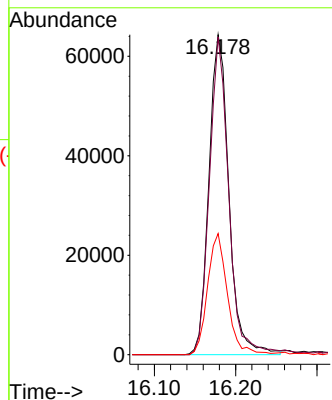
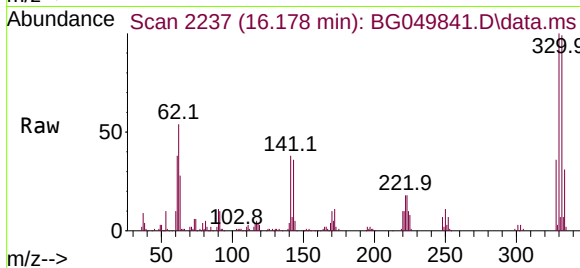




#42
2,4,6-Tribromophenol
Concen: 93.560 ng
RT: 16.178 min Scan# 2237
Delta R.T. -0.010 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

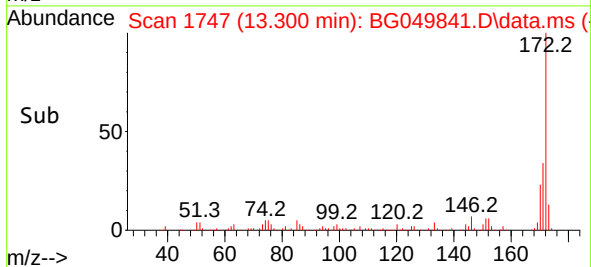
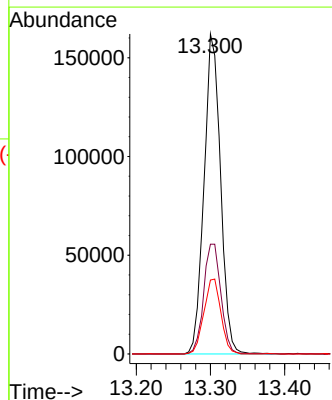
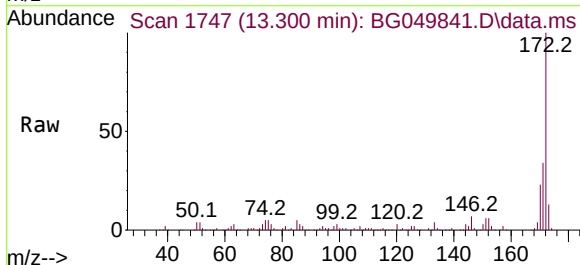
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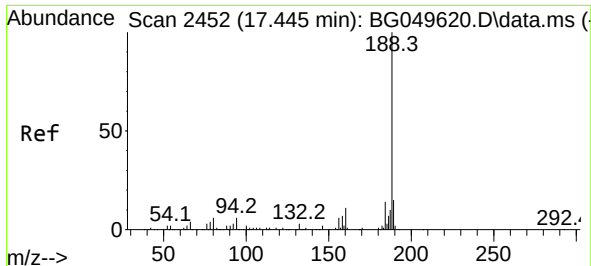
Tgt Ion:330 Resp: 109636
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 37.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 45.696 ng
RT: 13.300 min Scan# 1747
Delta R.T. -0.016 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

Tgt Ion:172 Resp: 250366
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 23.1 18.6 27.8

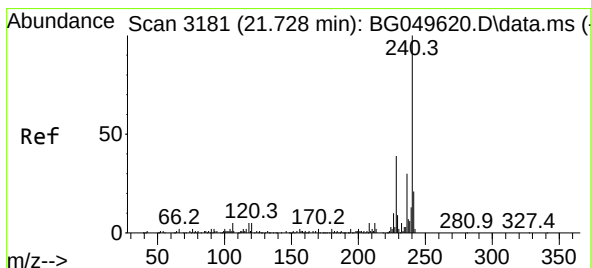
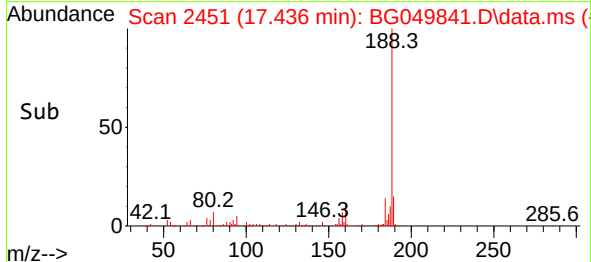
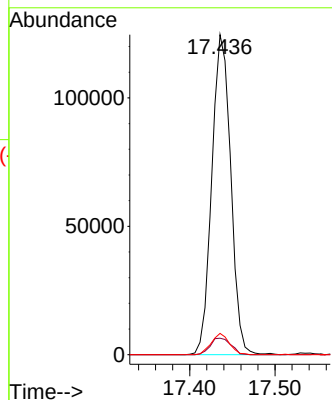
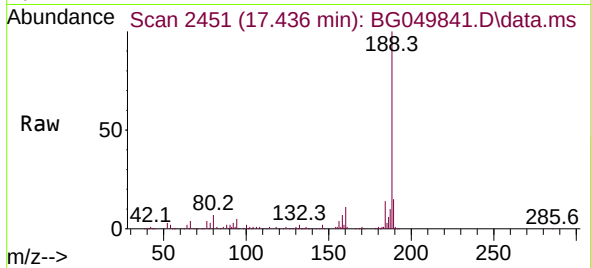




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.010 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

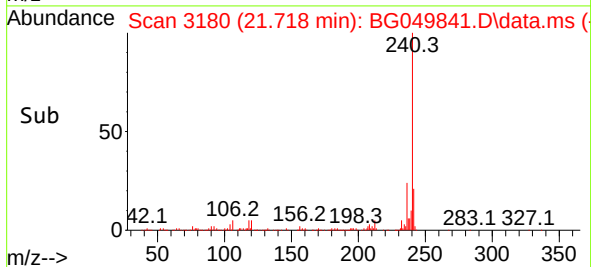
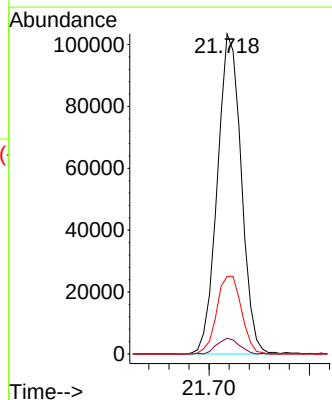
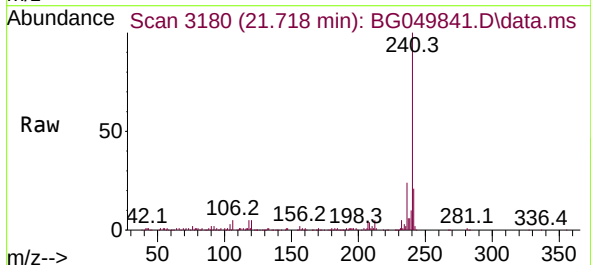
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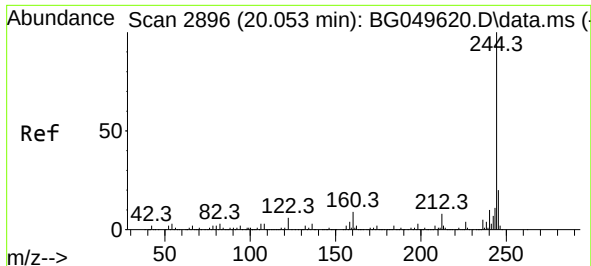
Tgt Ion:188 Resp: 191710
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.718 min Scan# 3180
Delta R.T. -0.010 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

Tgt Ion:240 Resp: 170694
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 24.2 21.8 32.6

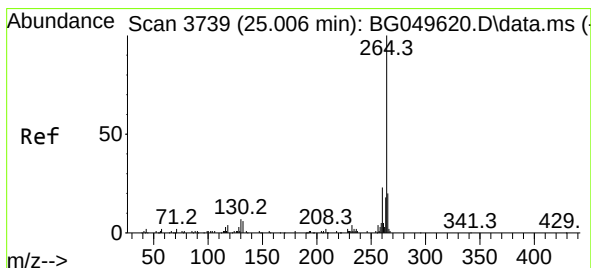
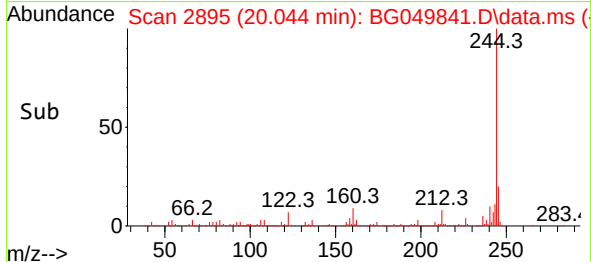
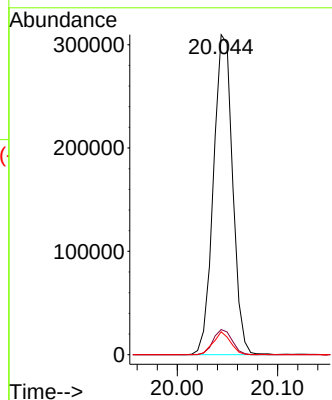
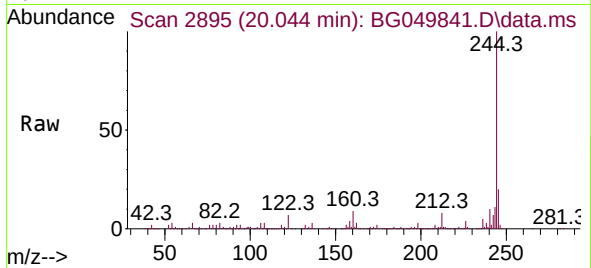




#79
Terphenyl-d14
Concen: 43.735 ng
RT: 20.044 min Scan# 2895
Delta R.T. -0.010 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

Instrument :
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Tgt Ion:244 Resp: 411036
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 7.2 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.002 min Scan# 3739
Delta R.T. -0.004 min
Lab File: BG049841.D
Acq: 13 Aug 2021 19:23

Tgt Ion:264 Resp: 169498
Ion Ratio Lower Upper
264 100
260 20.8 19.4 29.2
265 20.2 16.9 25.3

