

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049843.D
 Acq On : 13 Aug 2021 20:47
 Operator : CG/JU
 Sample : M3343-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20210591-AMENDED-COM-5

Quant Time: Aug 14 02:31:35 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	8.032	152	26165	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	101580	20.000	ng	#-0.01
39) Acenaphthene-d10	14.681	164	70393	20.000	ng	-0.01
64) Phenanthrene-d10	17.436	188	166362	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	154480	20.000	ng	0.00
86) Perylene-d12	24.991	264	156729	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	152105	104.210	ng	0.00
7) Phenol-d6	7.197	99	214076	96.891	ng	0.00
23) Nitrobenzene-d5	9.201	82	149913	65.306	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	107121	103.530	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	302257	62.479	ng	-0.01
79) Terphenyl-d14	20.045	244	533143	62.681	ng	0.00

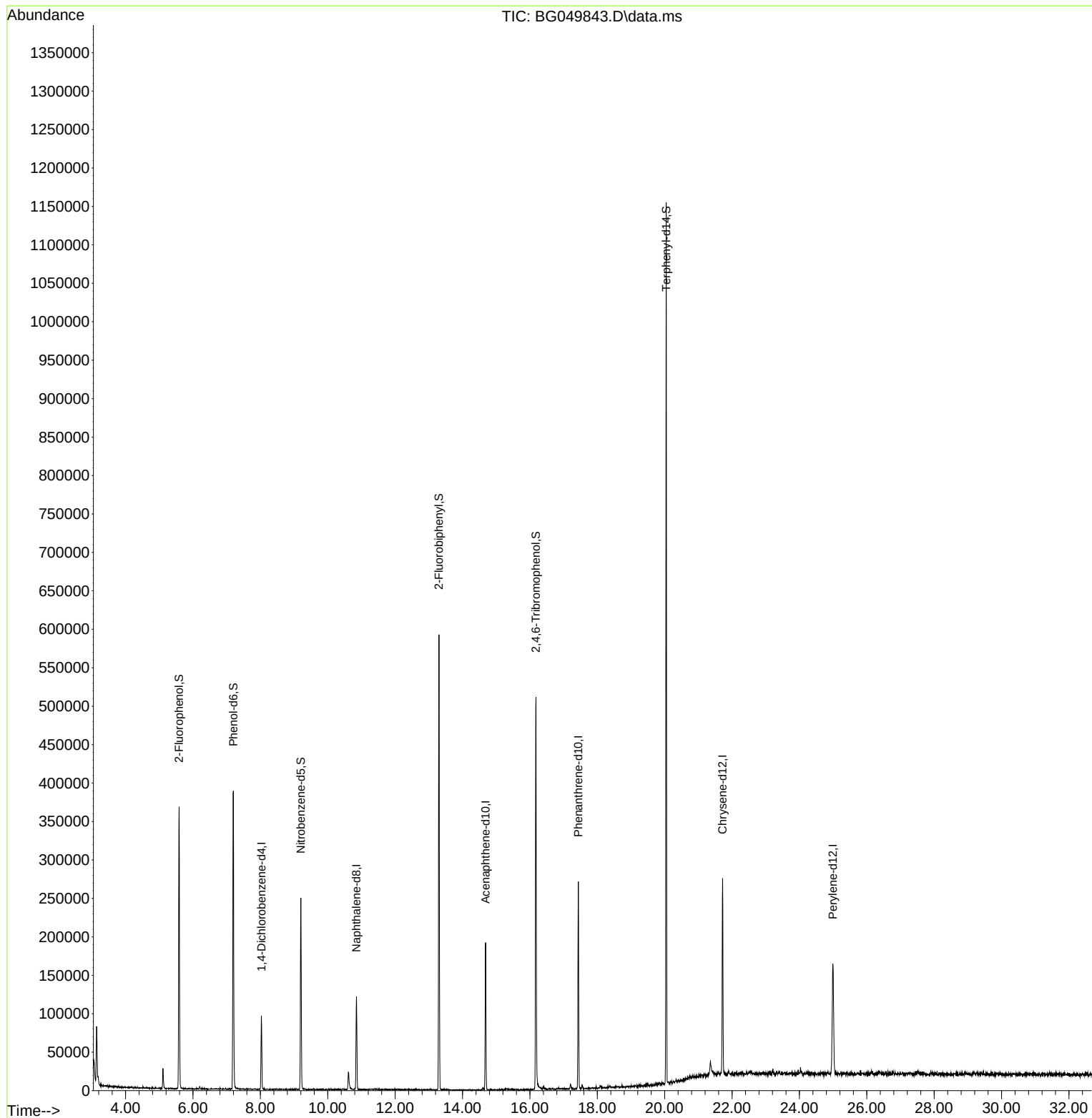
Target Compounds	Qvalue

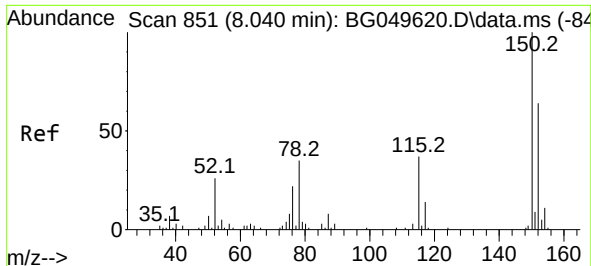
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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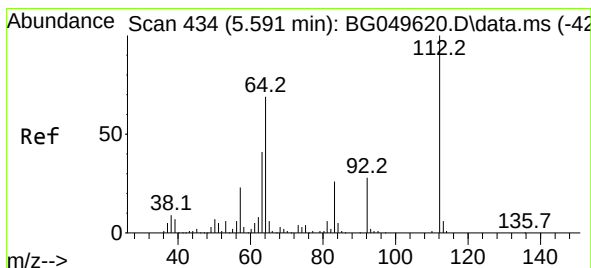
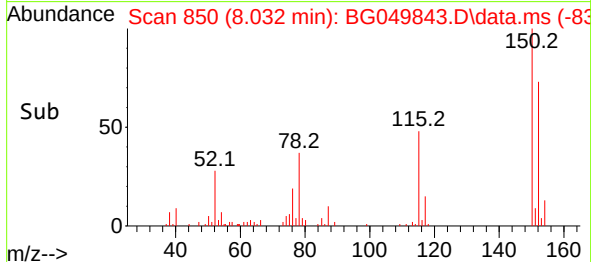
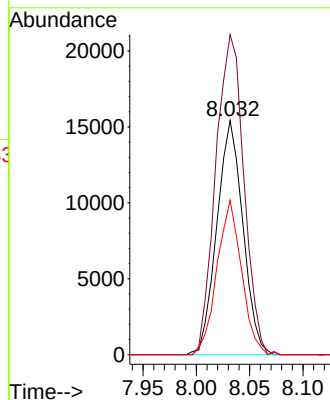
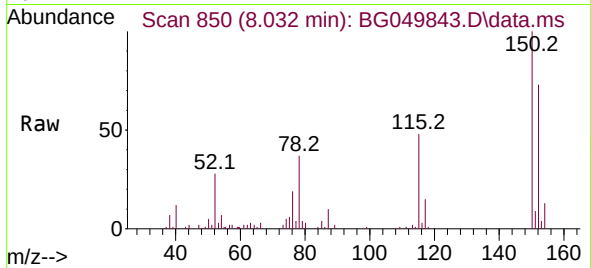




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. -0.008 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

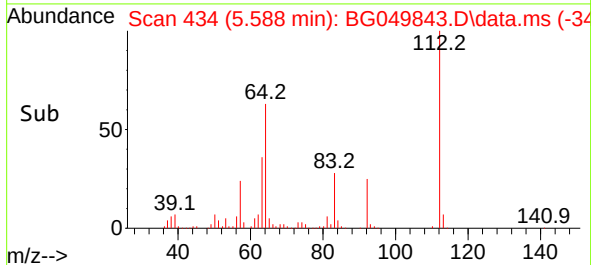
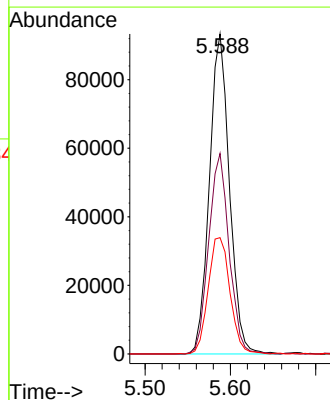
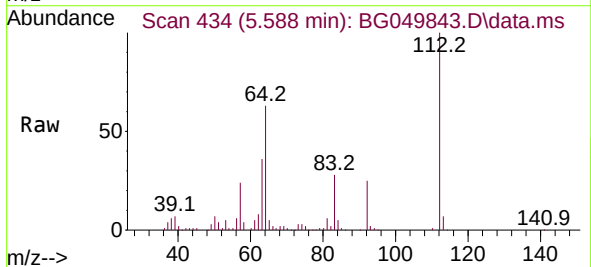
Instrument :
BNA_G
ClientSampleId :
20210591-AMENDED-COM-5

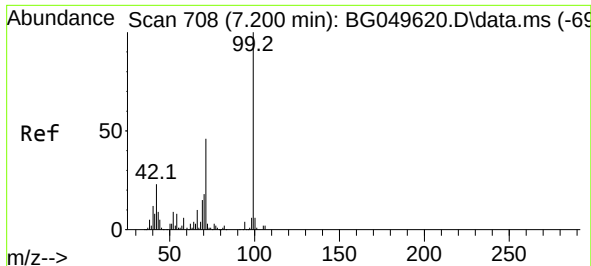
Tgt Ion:152 Resp: 26165
Ion Ratio Lower Upper
152 100
150 136.7 119.4 179.0
115 66.0 60.2 90.4



#5
2-Fluorophenol
Concen: 104.210 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:112 Resp: 152105
Ion Ratio Lower Upper
112 100
64 62.7 46.7 70.1
63 36.3 35.3 52.9

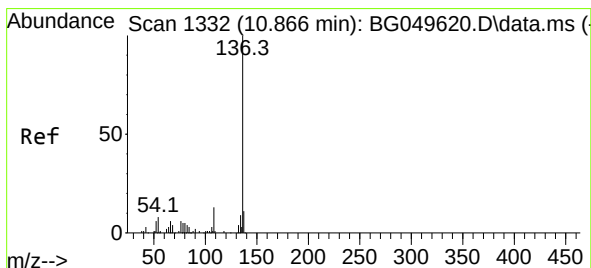
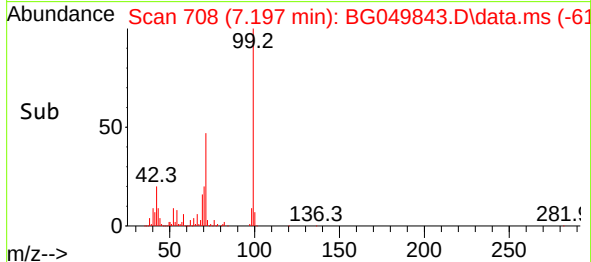
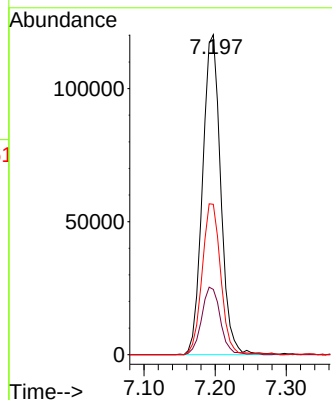
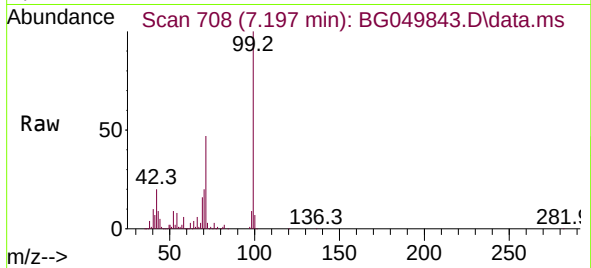




#7
Phenol-d6
Concen: 96.891 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

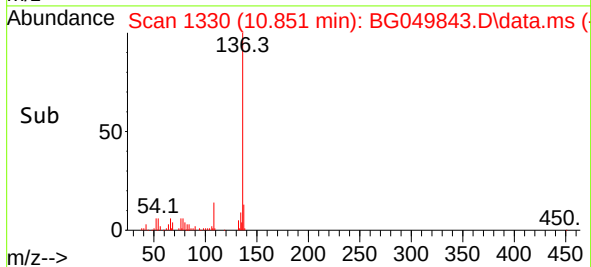
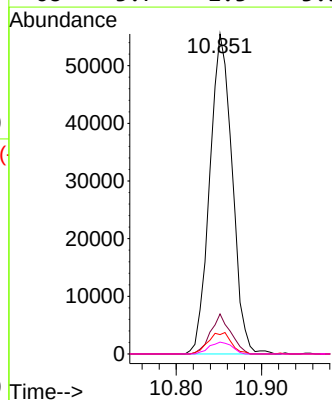
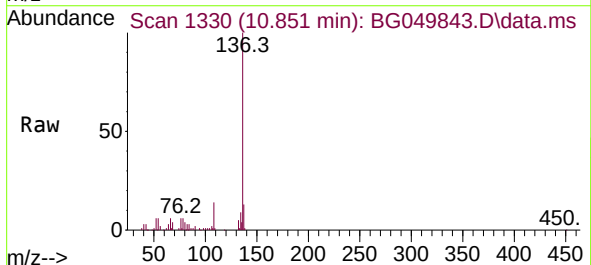
Instrument :
BNA_G
ClientSampleId :
20210591-AMENDED-COM-5

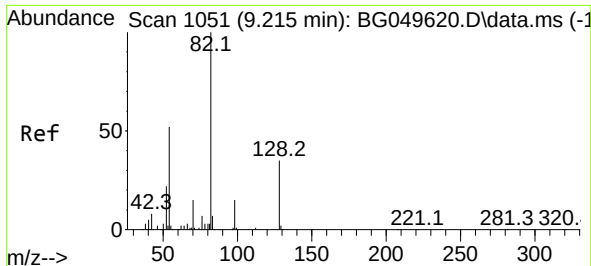
Tgt Ion: 99 Resp: 214076
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 47.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion: 136 Resp: 101580
Ion Ratio Lower Upper
136 100
137 12.5 8.2 12.2#
54 6.1 5.5 8.3
68 3.7 2.3 3.5#

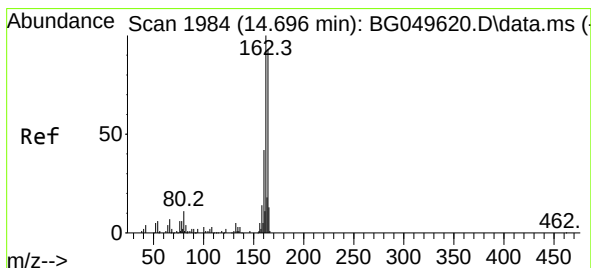
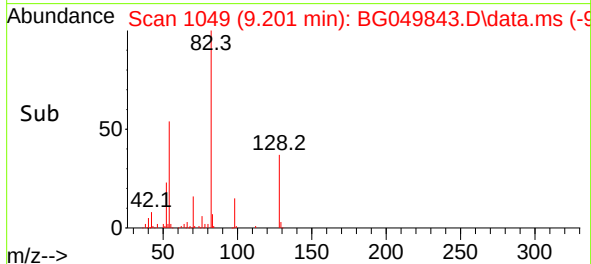
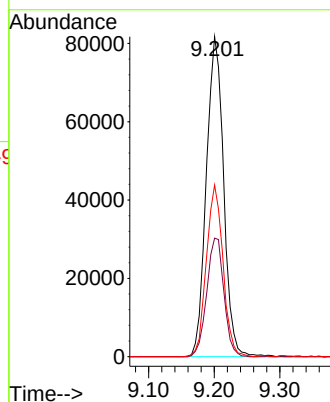
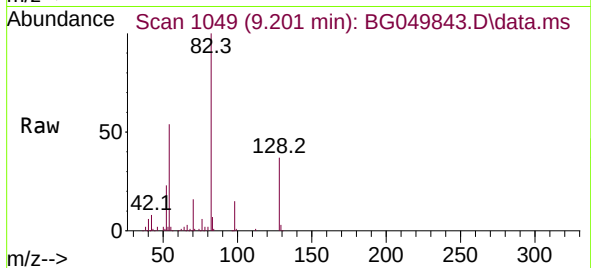




#23
Nitrobenzene-d5
Concen: 65.306 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

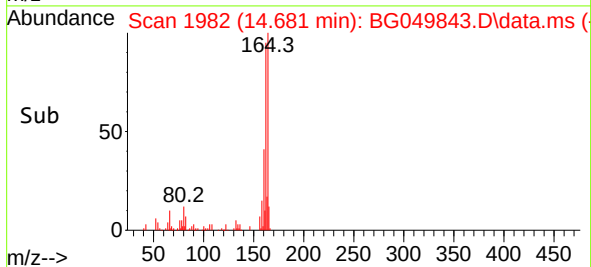
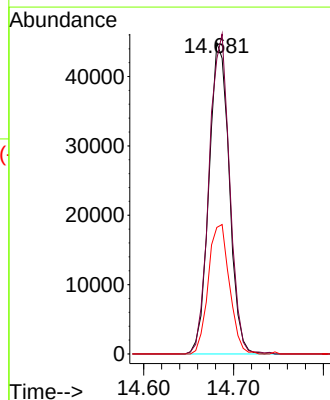
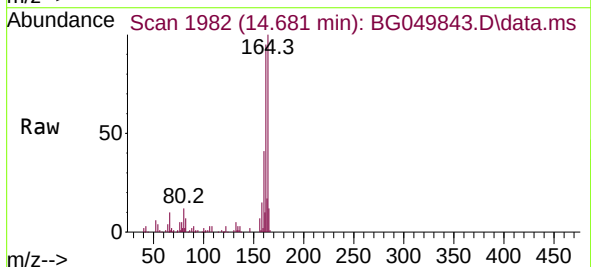
Instrument :
BNA_G
ClientSampleId :
20210591-AMENDED-COM-5

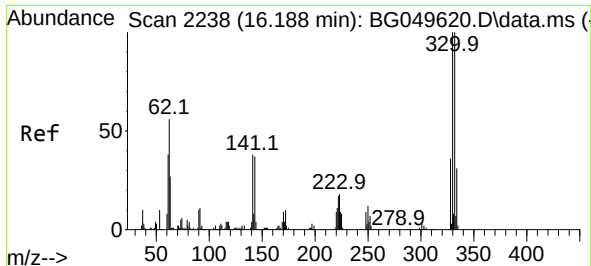
Tgt Ion: 82 Resp: 149913
Ion Ratio Lower Upper
82 100
128 37.1 29.8 44.6
54 53.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion: 164 Resp: 70393
Ion Ratio Lower Upper
164 100
162 94.9 81.4 122.0
160 40.7 34.9 52.3

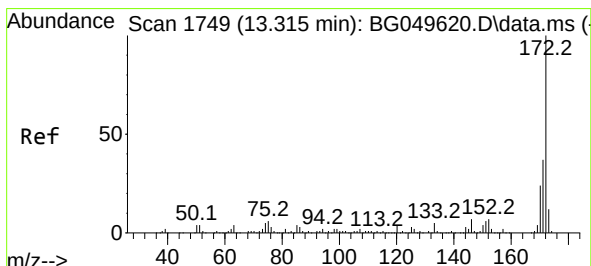
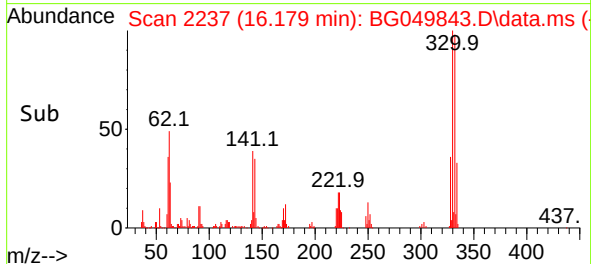
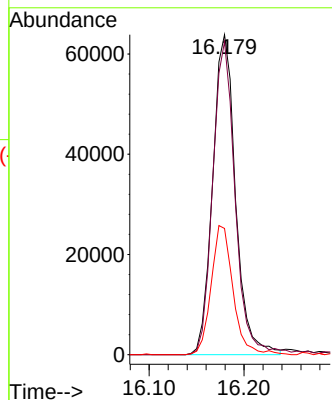
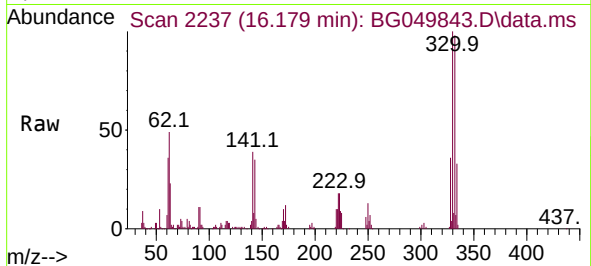




#42
2,4,6-Tribromophenol
Concen: 103.530 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

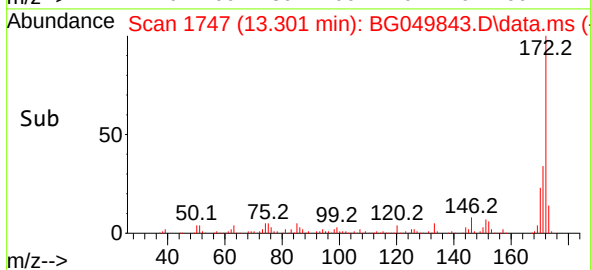
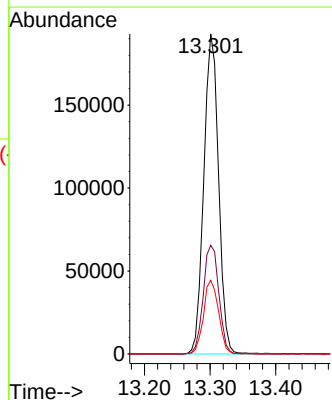
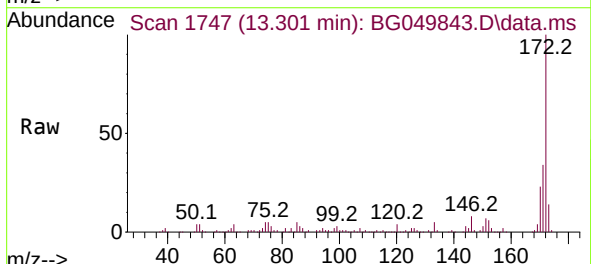
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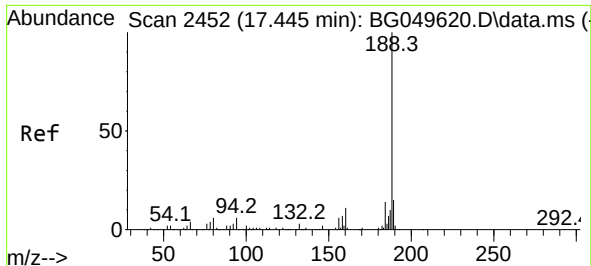
Tgt Ion:330 Resp: 107121
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 38.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 62.479 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.015 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:172 Resp: 302257
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 23.0 18.6 27.8

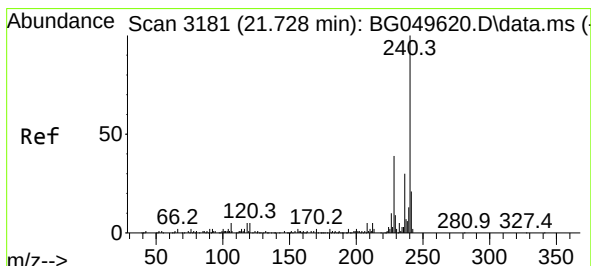
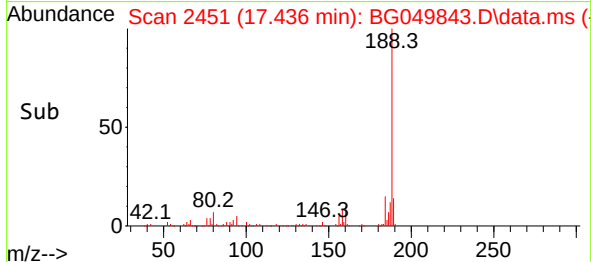
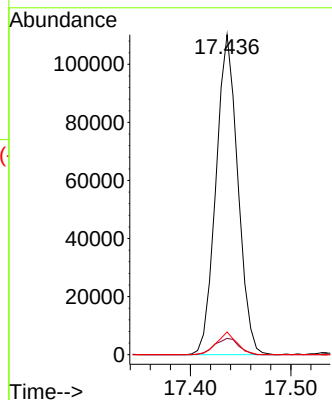
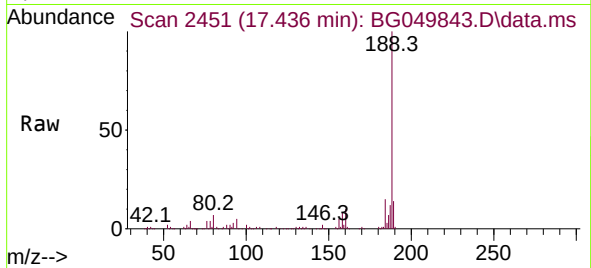




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

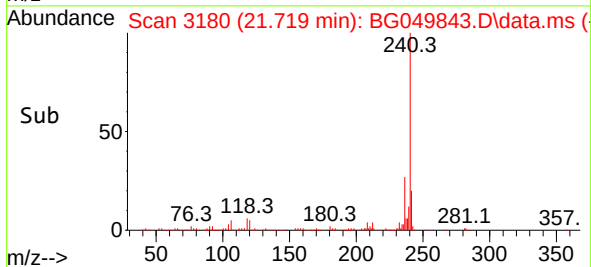
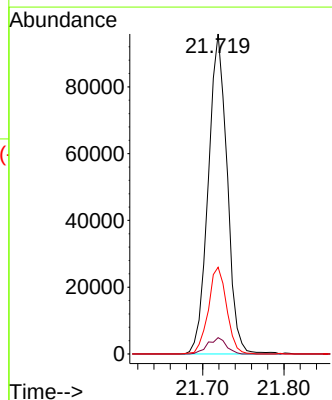
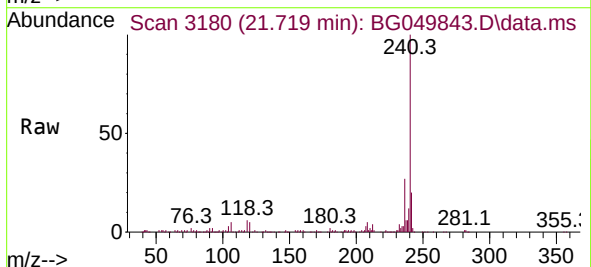
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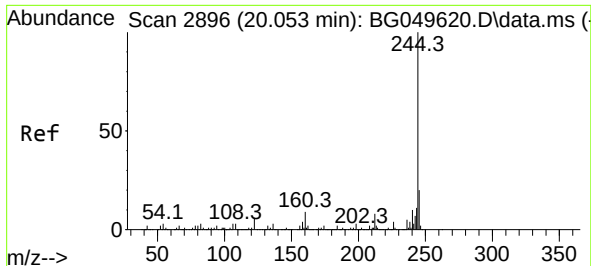
Tgt Ion:188 Resp: 166362
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG049843.D
Acq: 13 Aug 2021 20:47

Tgt Ion:240 Resp: 154480
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 27.1 21.8 32.6

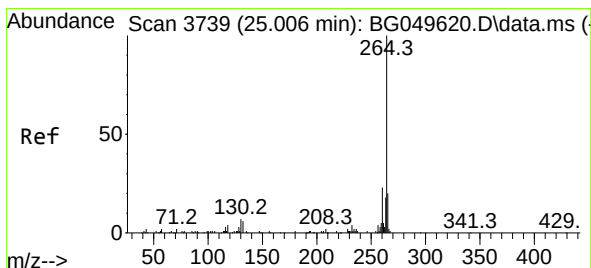
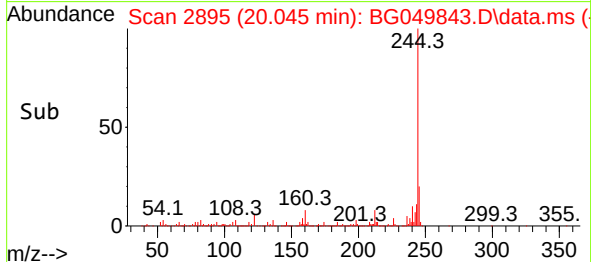
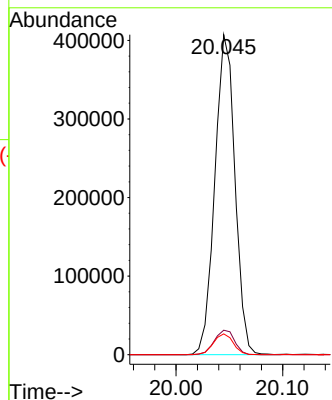
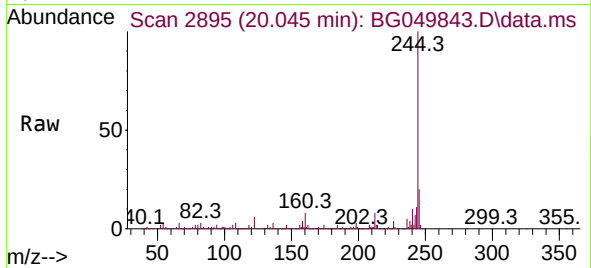




#79
 Terphenyl-d14
 Concen: 62.681 ng
 RT: 20.045 min Scan# 2895
 Delta R.T. -0.009 min
 Lab File: BG049843.D
 Acq: 13 Aug 2021 20:47

Instrument :
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 20210591-AMENDED-COM-5

Tgt Ion:244	Resp: 533143
Ion Ratio	Lower Upper
244 100	
212 7.7	6.9 10.3
122 6.5	5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.991 min Scan# 3737
 Delta R.T. -0.015 min
 Lab File: BG049843.D
 Acq: 13 Aug 2021 20:47

Tgt Ion:264	Resp: 156729
Ion Ratio	Lower Upper
264 100	
260 26.5	19.4 29.2
265 20.4	16.9 25.3

