

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
 Data File : BG049625.D
 Acq On : 3 Aug 2021 15:46
 Operator : CG/JU
 Sample : PB138117BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138117BL

Quant Time: Aug 03 16:44:59 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	8.037	152	31522	20.000	ng	# 0.00
21) Naphthalene-d8	10.863	136	131111	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	95724	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	222141	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	229090	20.000	ng	0.00
86) Perylene-d12	25.003	264	233458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	202418	115.112	ng	0.00
7) Phenol-d6	7.197	99	270936	101.786	ng	0.00
23) Nitrobenzene-d5	9.212	82	196800	66.422	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	142816	101.503	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	423966	64.446	ng	0.00
79) Terphenyl-d14	20.056	244	848544	67.272	ng	0.00

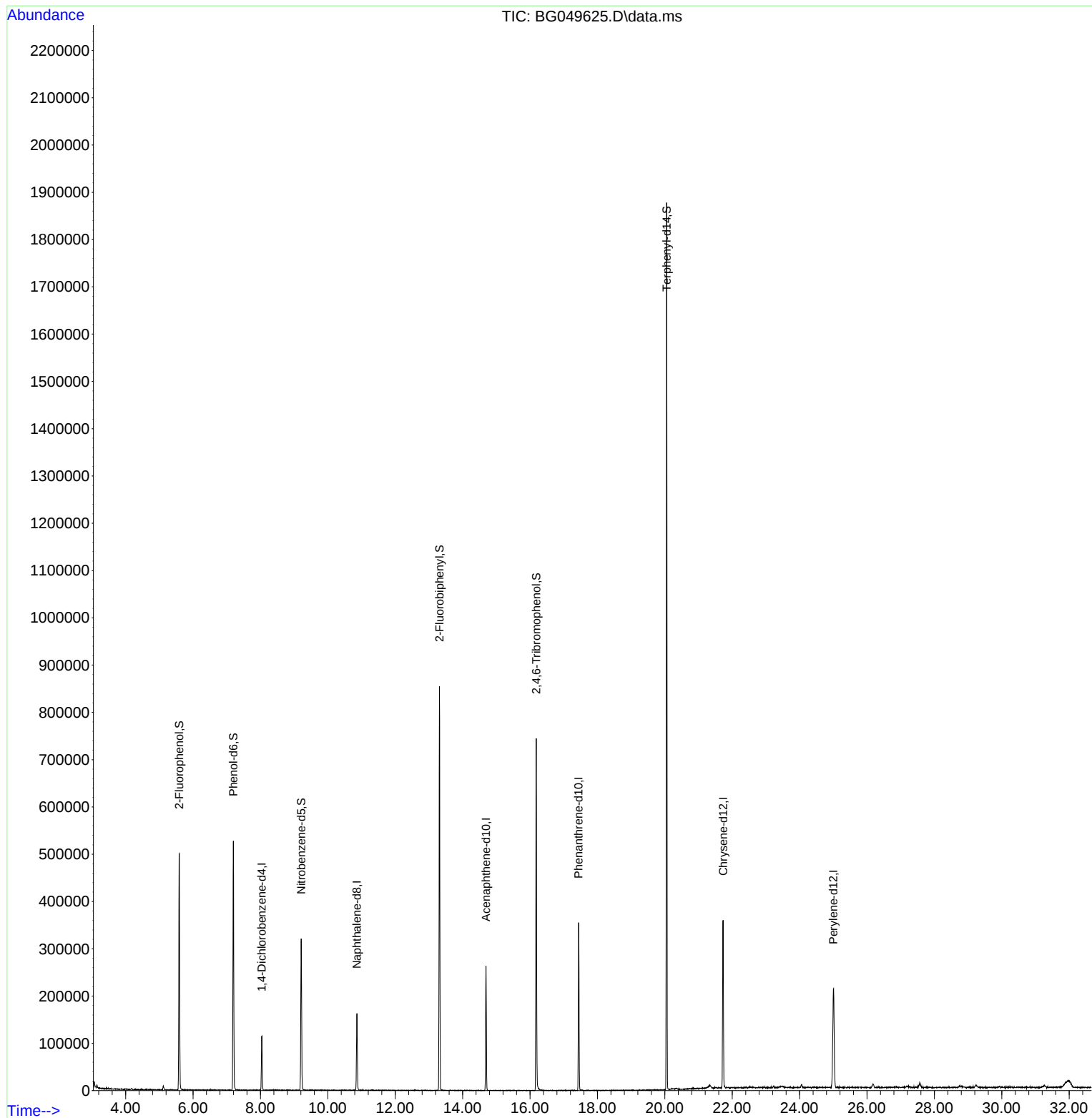
Target Compounds	Qvalue

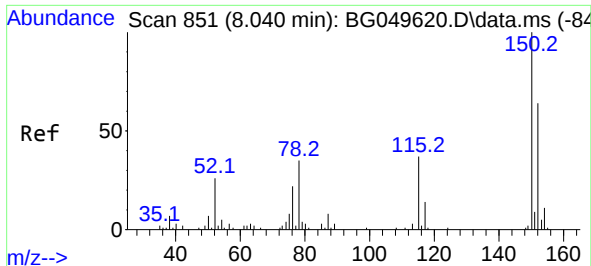
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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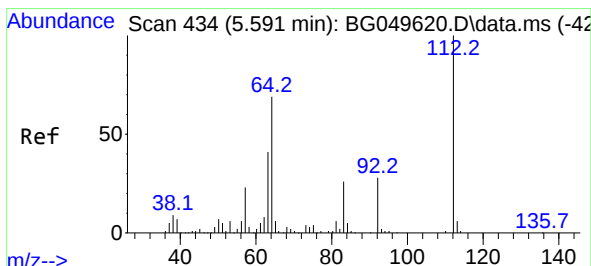
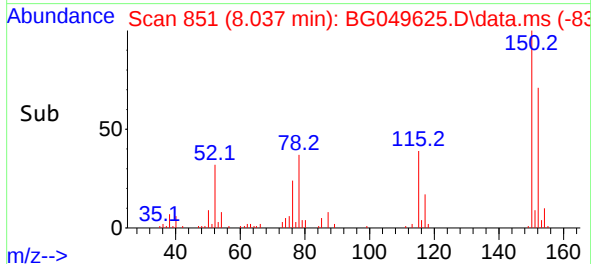
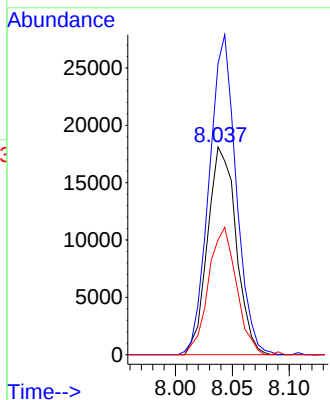
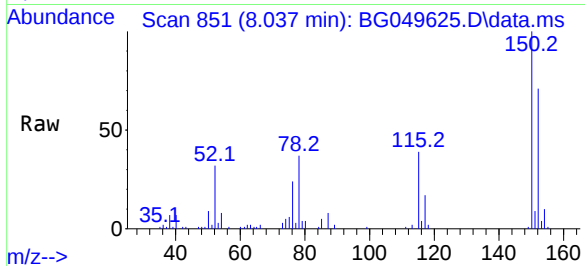




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

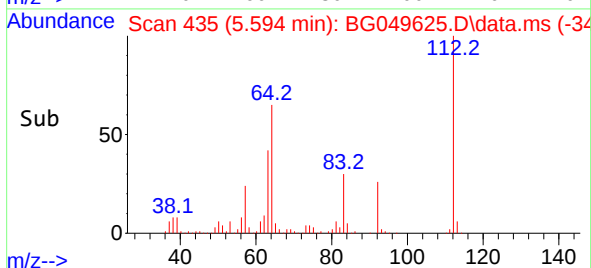
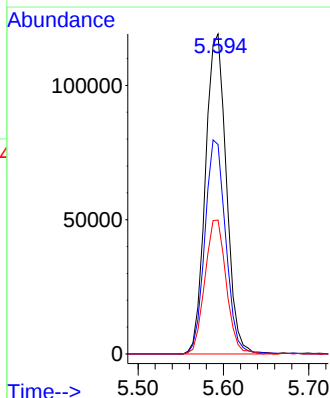
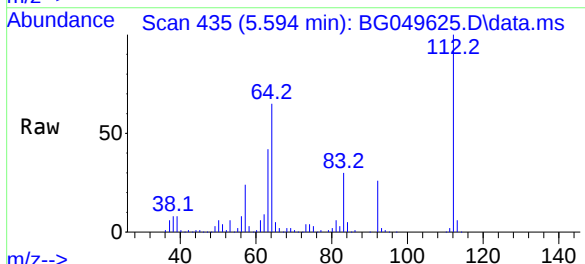
Instrument :
BNA_G
ClientSampleId :
PB138117BL

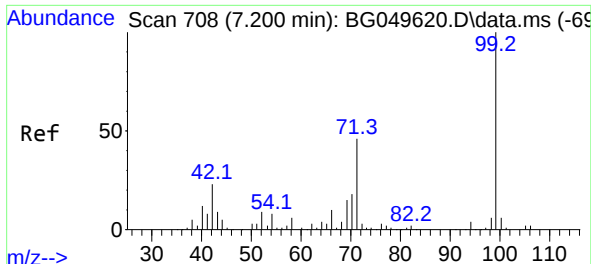
Tgt Ion:152 Resp: 31522
Ion Ratio Lower Upper
152 100
150 140.2 119.4 179.0
115 55.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 115.112 ng
RT: 5.594 min Scan# 435
Delta R.T. 0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:112 Resp: 202418
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 41.9 35.3 52.9

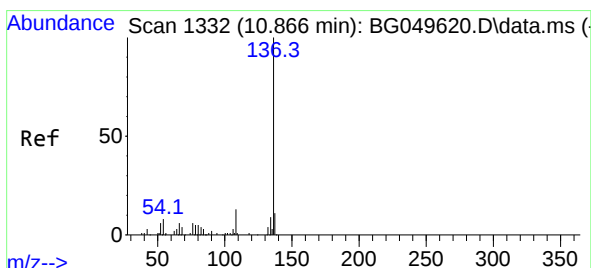
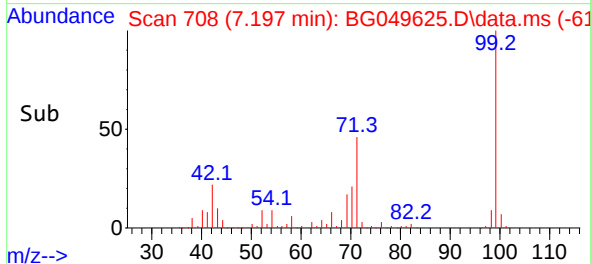
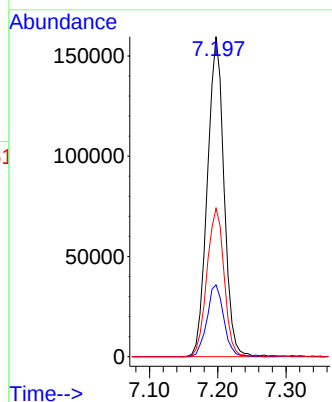
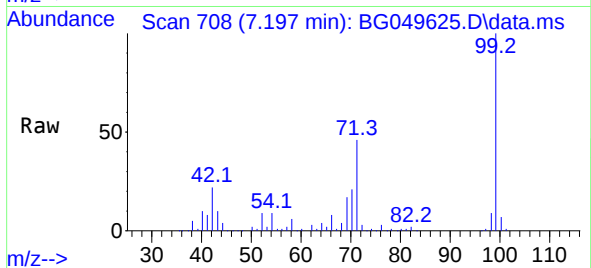




#7
Phenol-d6
Concen: 101.786 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

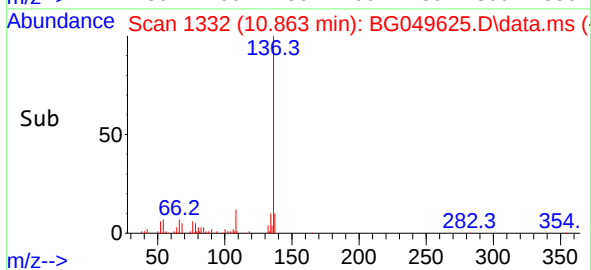
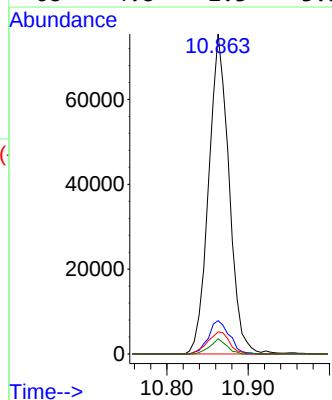
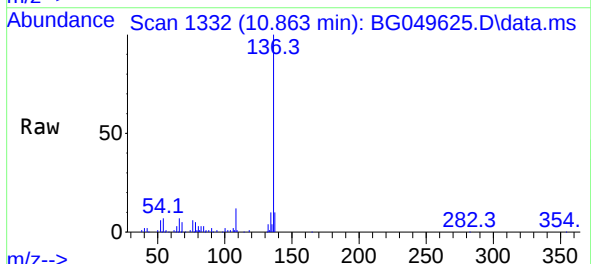
Instrument :
BNA_G
ClientSampleId :
PB138117BL

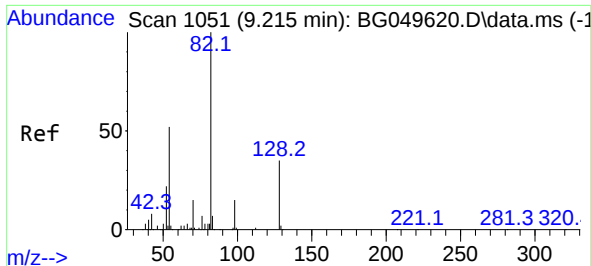
Tgt Ion: 99 Resp: 270936
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 46.4 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.863 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:136 Resp: 131111
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 6.9 5.5 8.3
68 4.8 2.3 3.5#

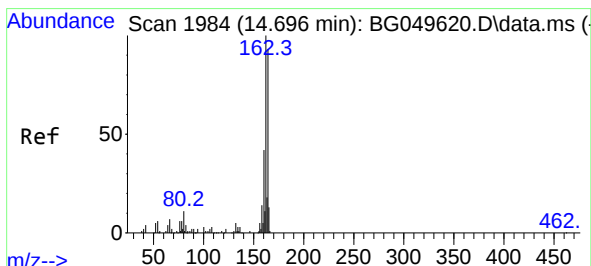
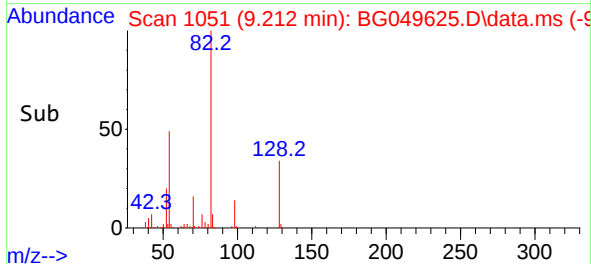
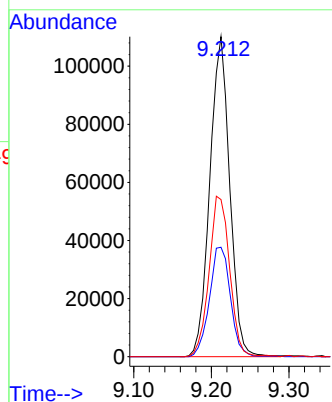
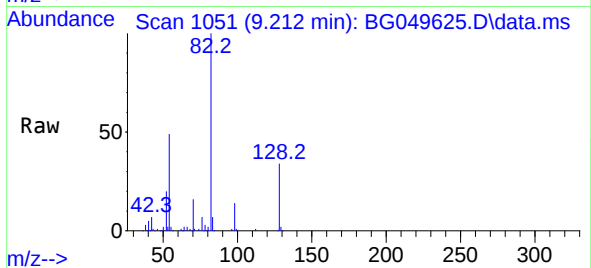




#23
Nitrobenzene-d5
Concen: 66.422 ng
RT: 9.212 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

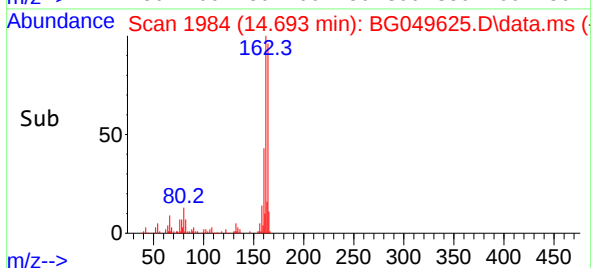
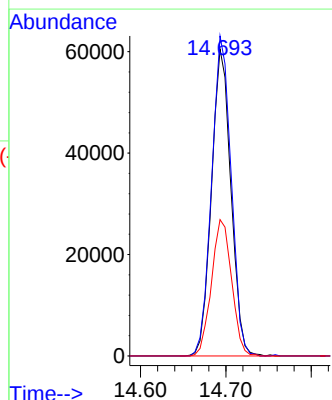
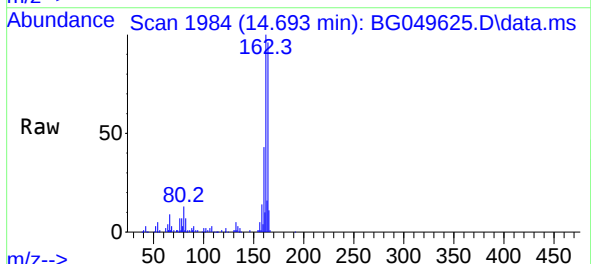
Instrument :
BNA_G
ClientSampleId :
PB138117BL

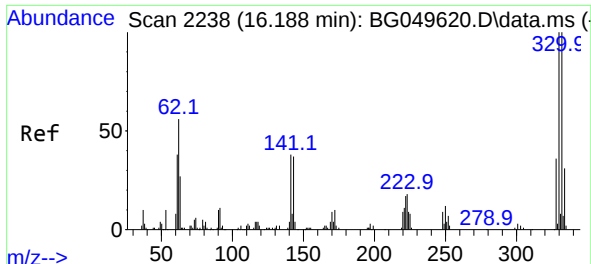
Tgt Ion: 82 Resp: 196800
Ion Ratio Lower Upper
82 100
128 34.2 29.8 44.6
54 49.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:164 Resp: 95724
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 44.5 34.9 52.3

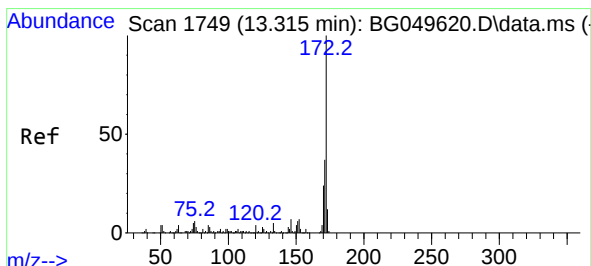
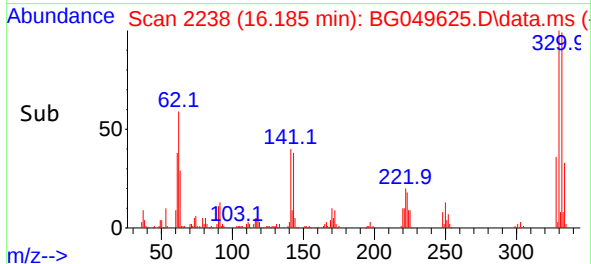
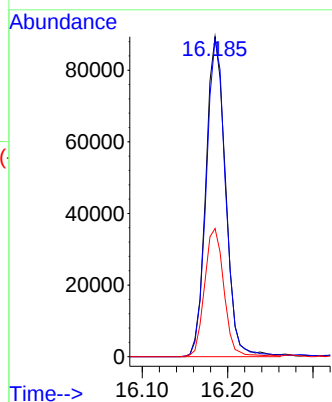
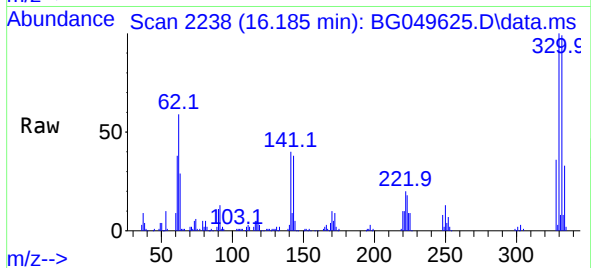




#42
2,4,6-Tribromophenol
Concen: 101.503 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

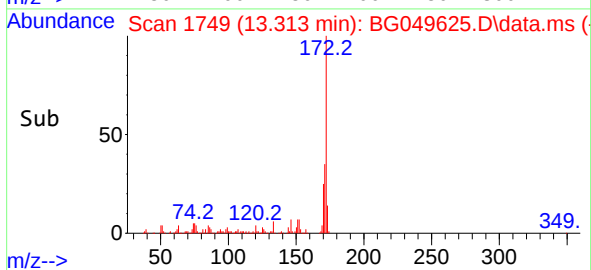
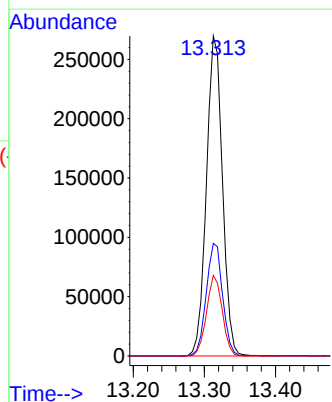
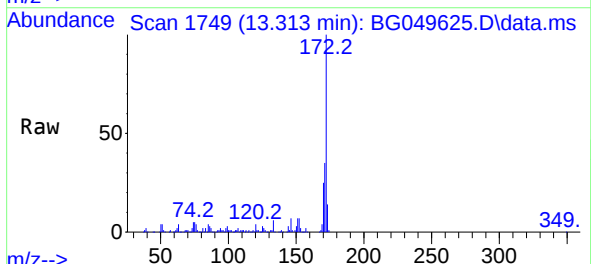
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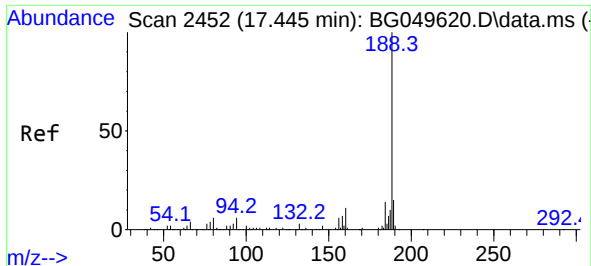
Tgt Ion:330 Resp: 142816
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 39.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 64.446 ng
RT: 13.313 min Scan# 1749
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:172 Resp: 423966
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 25.1 18.6 27.8

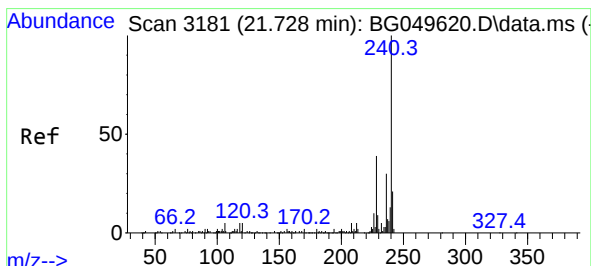
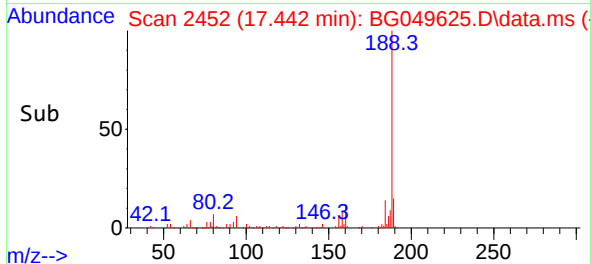
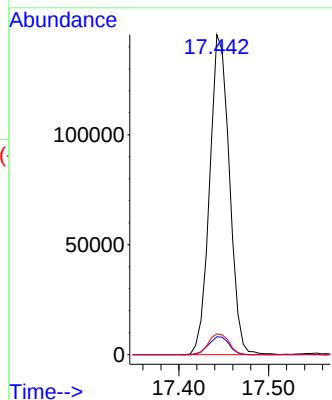
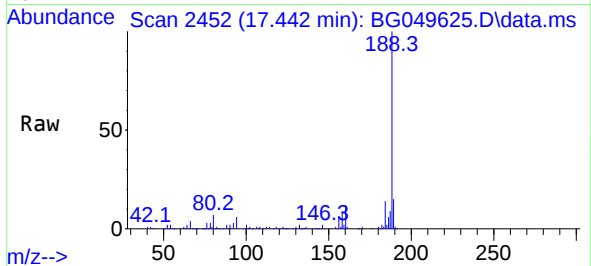




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

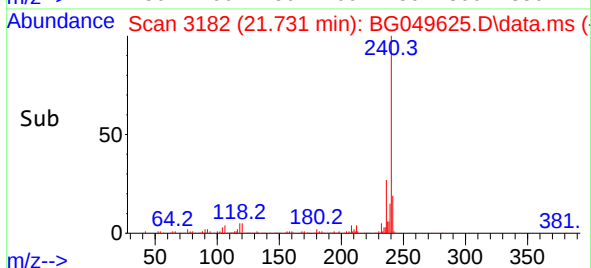
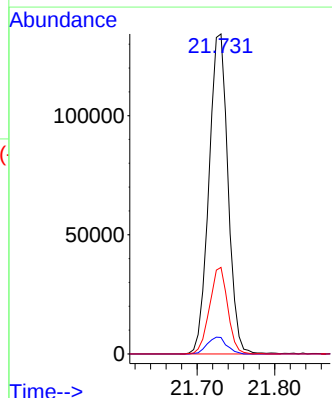
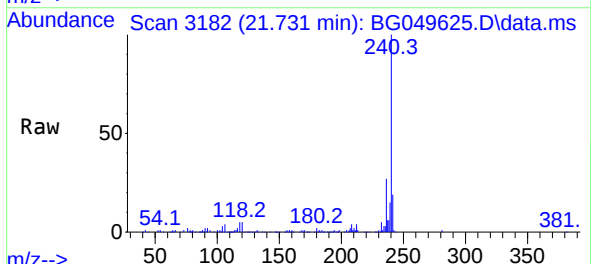
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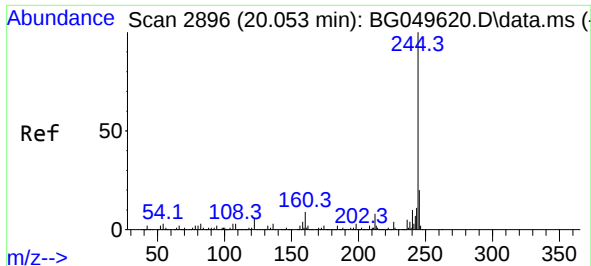
Tgt Ion:188 Resp: 222141
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3182
Delta R.T. 0.003 min
Lab File: BG049625.D
Acq: 3 Aug 2021 15:46

Tgt Ion:240 Resp: 229090
Ion Ratio Lower Upper
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120 5.2 4.2 6.2
236 27.1 21.8 32.6



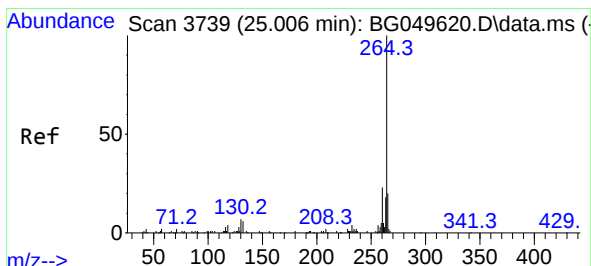
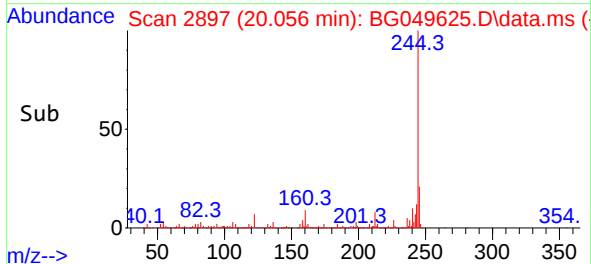
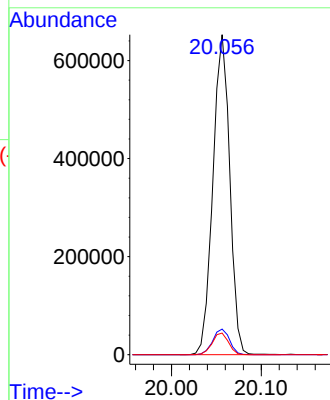
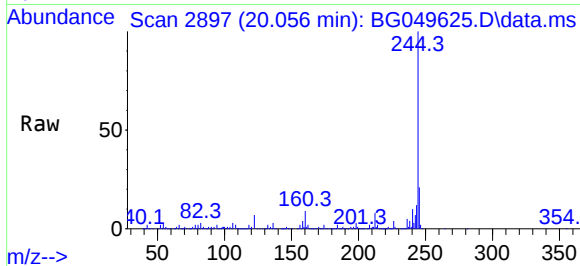


#79
 Terphenyl-d14
 Concen: 67.272 ng
 RT: 20.056 min Scan# 2897
 Delta R.T. 0.003 min
 Lab File: BG049625.D
 Acq: 3 Aug 2021 15:46

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 848544

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	6.7	5.0	7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3739
 Delta R.T. -0.003 min
 Lab File: BG049625.D
 Acq: 3 Aug 2021 15:46

Tgt Ion:264 Resp: 233458

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.4	16.9	25.3

