

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049847.D
 Acq On : 16 Aug 2021 12:32
 Operator : CG/JU
 Sample : M3408-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 34N

Quant Time: Aug 16 13:58:14 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	8.026	152	27916	20.000	ng	#-0.01
21) Naphthalene-d8	10.846	136	107139	20.000	ng	-0.02
39) Acenaphthene-d10	14.682	164	69974	20.000	ng	-0.01
64) Phenanthrene-d10	17.431	188	153002	20.000	ng	#-0.01
76) Chrysene-d12	21.714	240	144752	20.000	ng	-0.01
86) Perylene-d12	24.992	264	159634	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	151072	97.010	ng	0.00
7) Phenol-d6	7.192	99	205277	87.081	ng	0.00
23) Nitrobenzene-d5	9.201	82	152118	62.829	ng	-0.01
42) 2,4,6-Tribromophenol	16.174	330	104193	101.303	ng	-0.01
45) 2-Fluorobiphenyl	13.302	172	310625	64.593	ng	-0.01
79) Terphenyl-d14	20.045	244	497078	62.368	ng	0.00

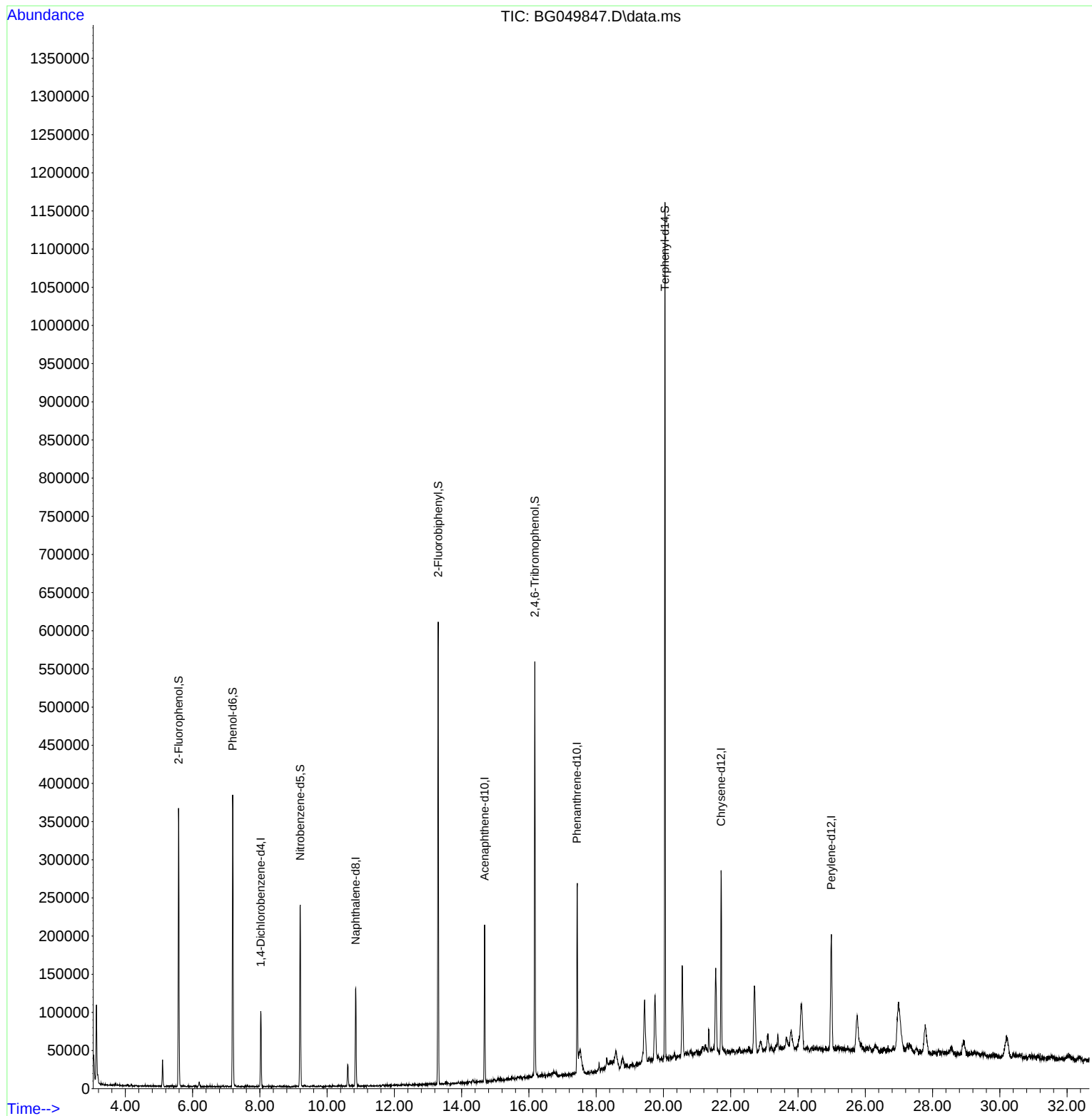
Target Compounds	Qvalue

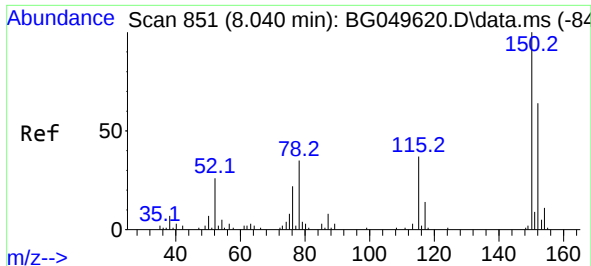
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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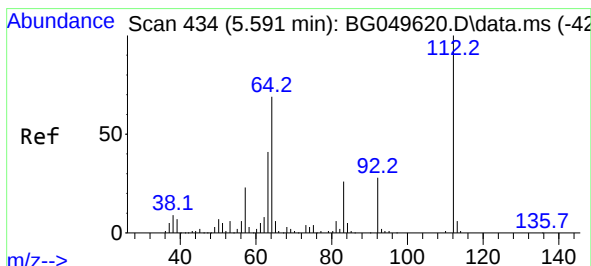
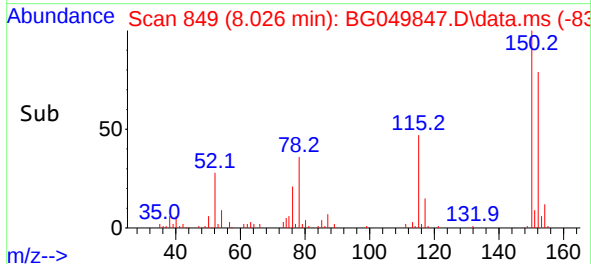
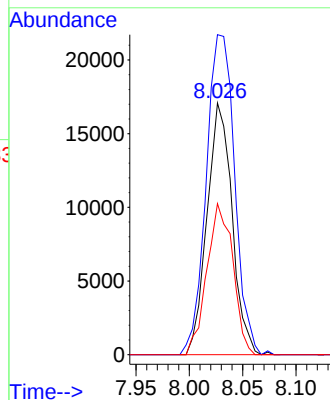
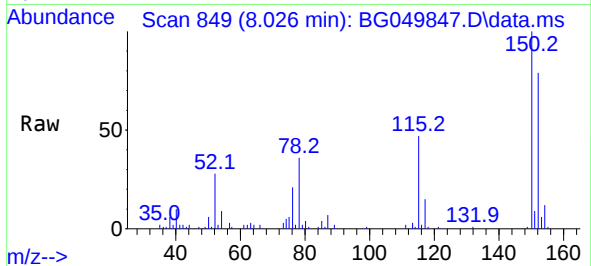




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

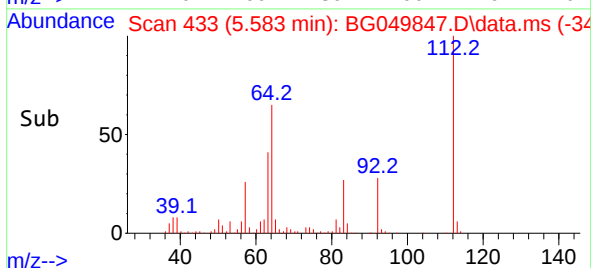
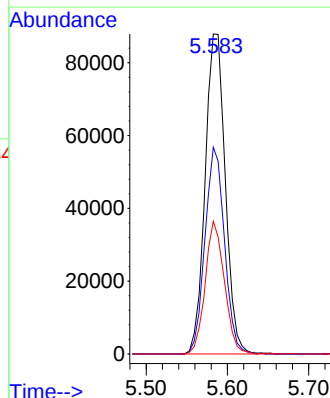
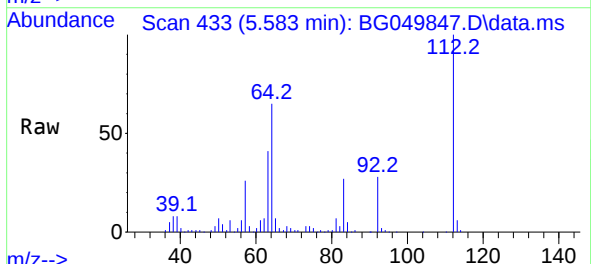
Instrument :
BNA_G
ClientSampleId :
34N

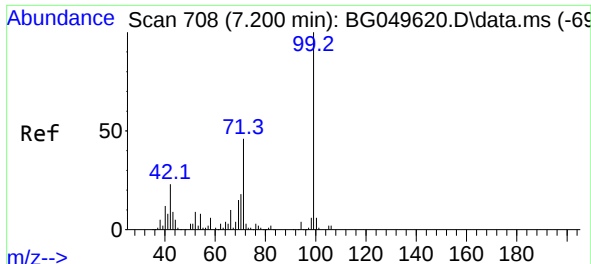
Tgt Ion:152 Resp: 27916
Ion Ratio Lower Upper
152 100
150 127.2 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 97.010 ng
RT: 5.583 min Scan# 433
Delta R.T. -0.008 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:112 Resp: 151072
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 41.5 35.3 52.9



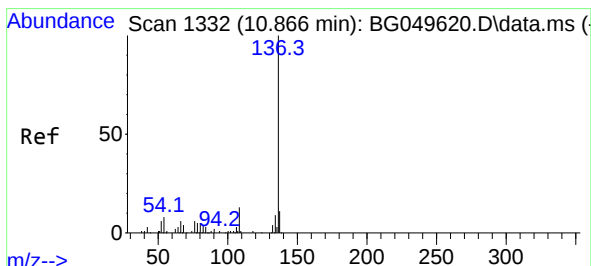
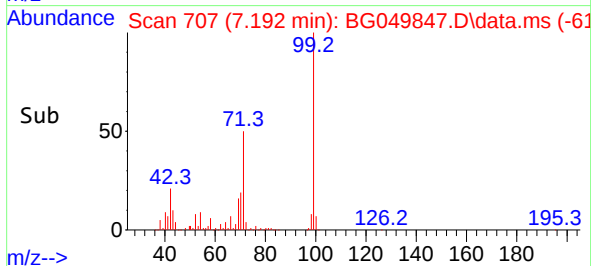
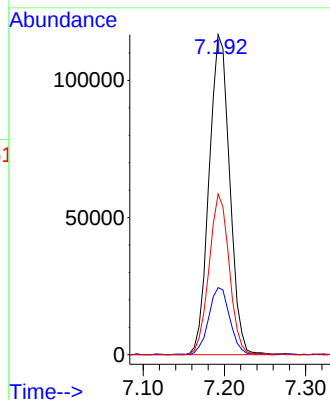
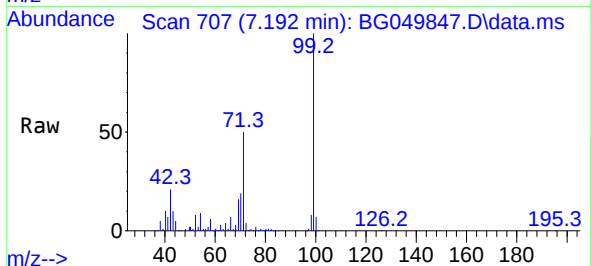


#7
Phenol-d6
Concen: 87.081 ng
RT: 7.192 min Scan# 707
Delta R.T. -0.008 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Instrument :
BNA_G
ClientSampled :
34N

Tgt Ion: 99 Resp: 205277

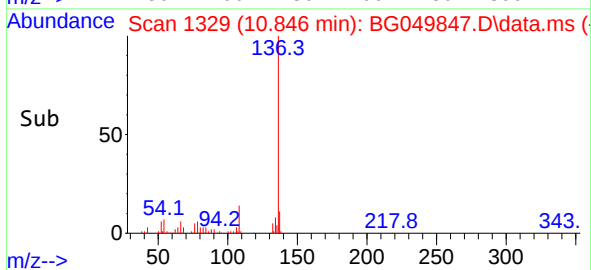
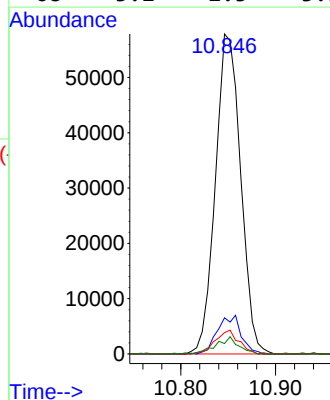
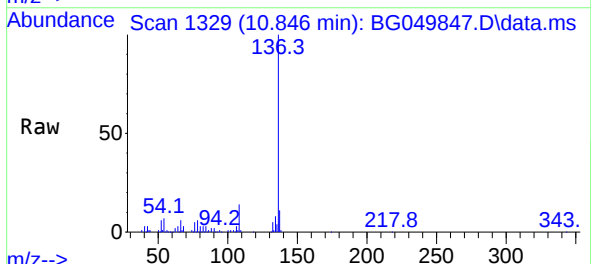
Ion	Ratio	Lower	Upper
99	100		
42	20.9	20.5	30.7
71	50.2	41.5	62.3

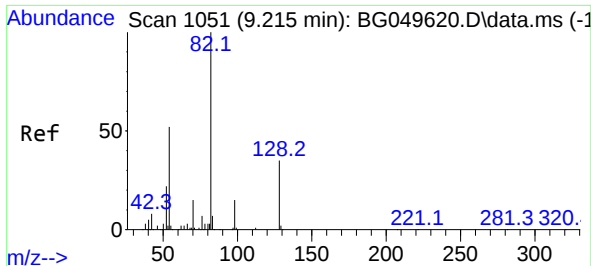


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1329
Delta R.T. -0.020 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion: 136 Resp: 107139

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	6.7	5.5	8.3
68	3.2	2.3	3.5

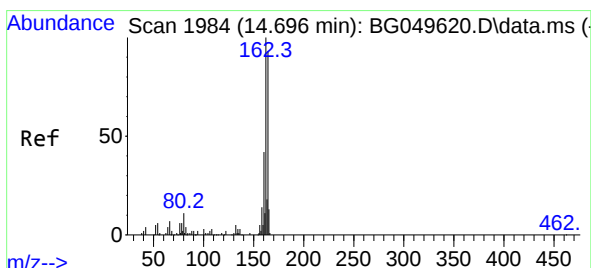
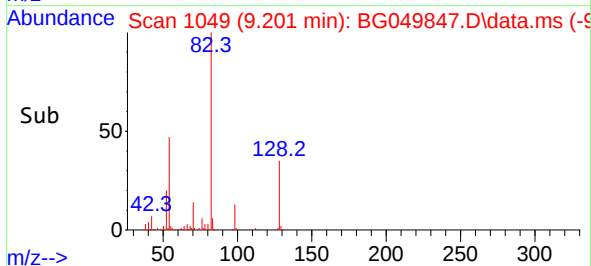
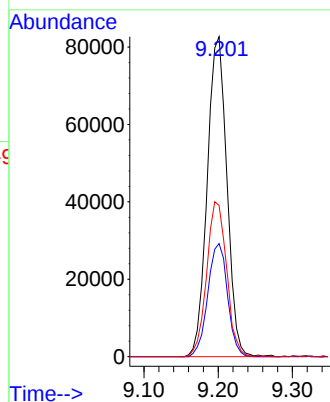
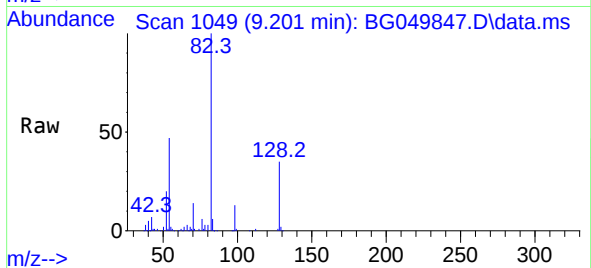




#23
Nitrobenzene-d5
Concen: 62.829 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

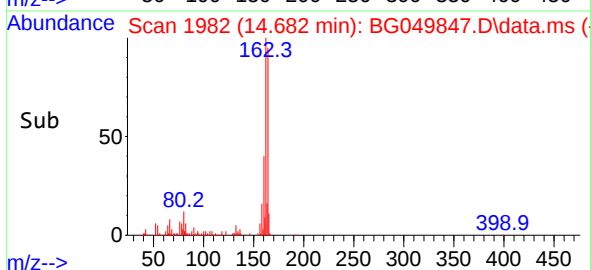
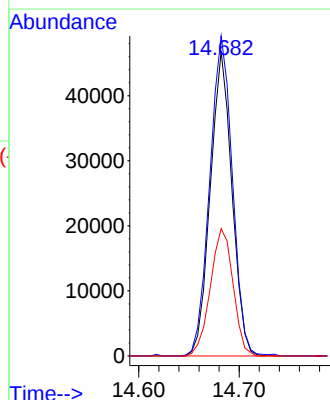
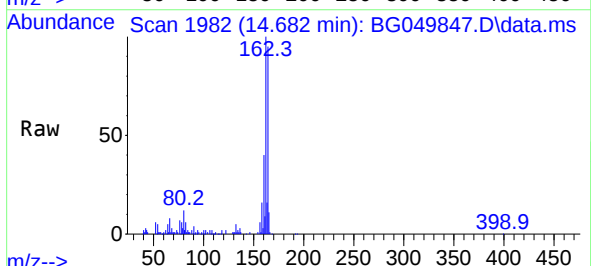
Instrument :
BNA_G
ClientSampleId :
34N

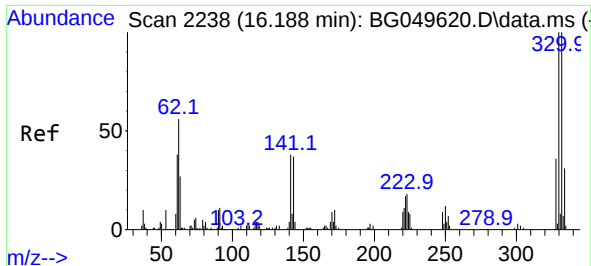
Tgt Ion: 82 Resp: 152118
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 47.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:164 Resp: 69974
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 41.8 34.9 52.3

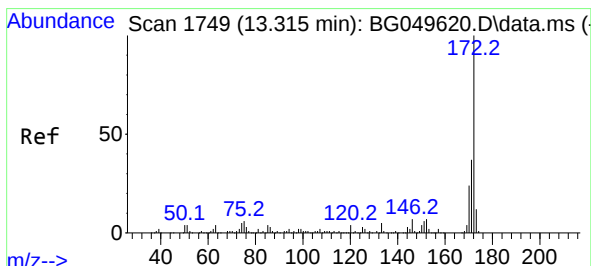
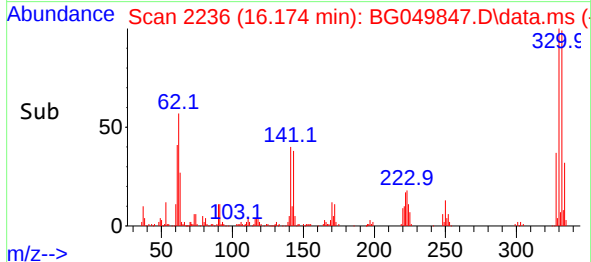
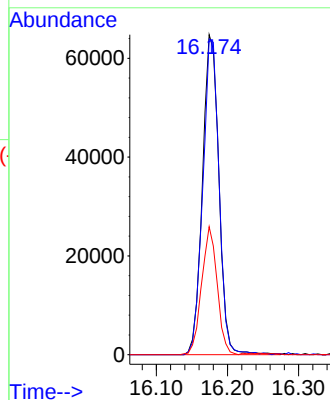
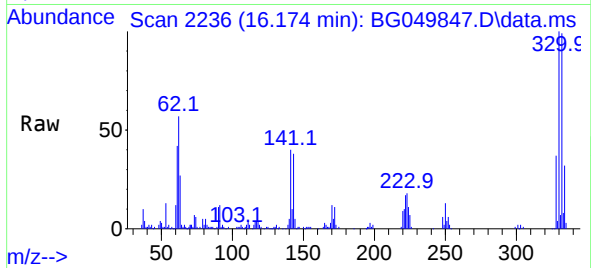




#42
2,4,6-Tribromophenol
Concen: 101.303 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

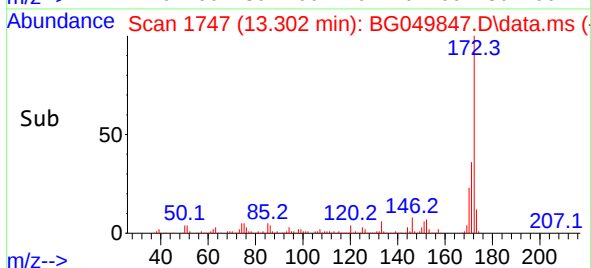
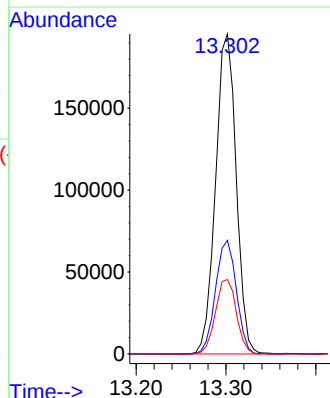
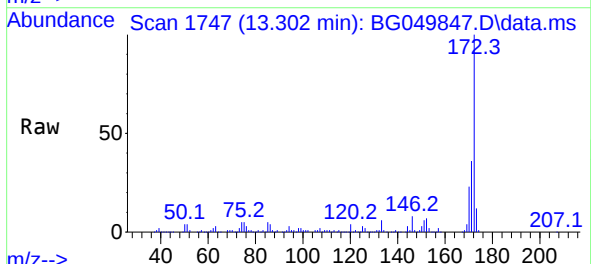
Instrument :
BNA_G
ClientSampleId :
34N

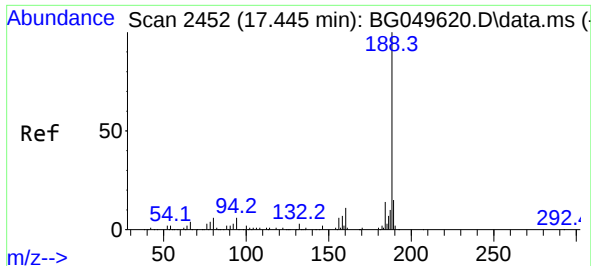
Tgt Ion:330 Resp: 104193
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 37.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 64.593 ng
RT: 13.302 min Scan# 1747
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:172 Resp: 310625
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.3 18.6 27.8

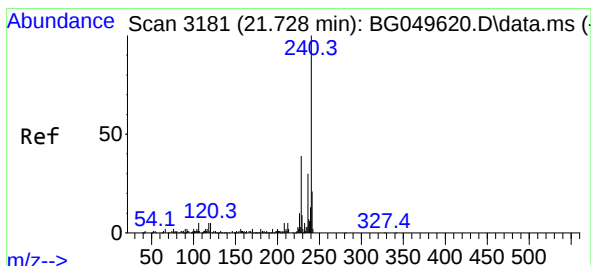
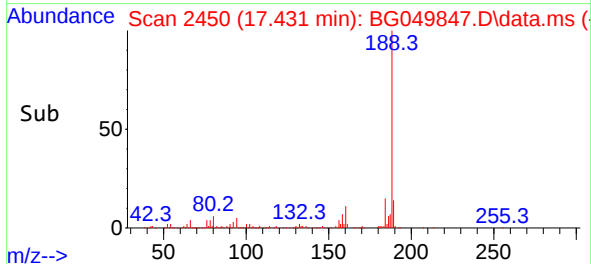
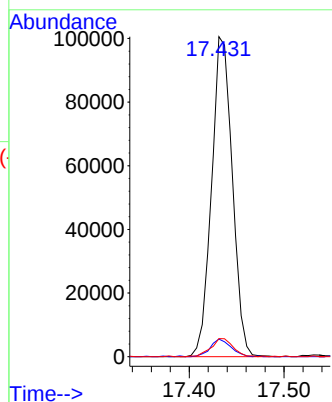
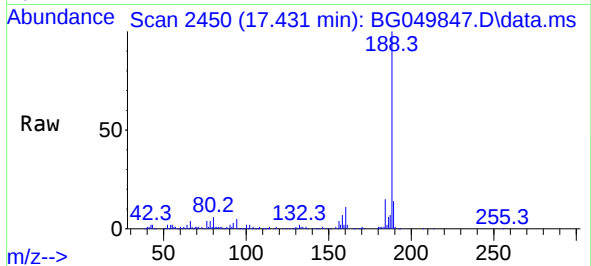




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

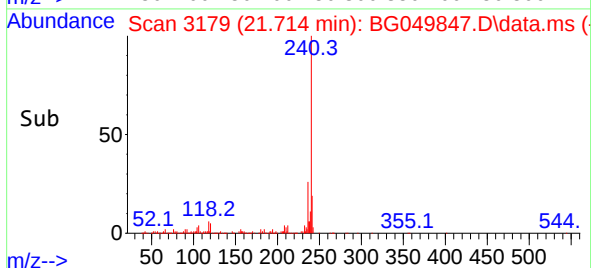
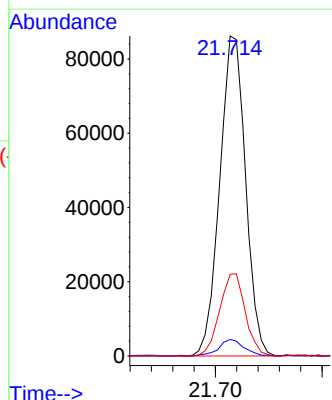
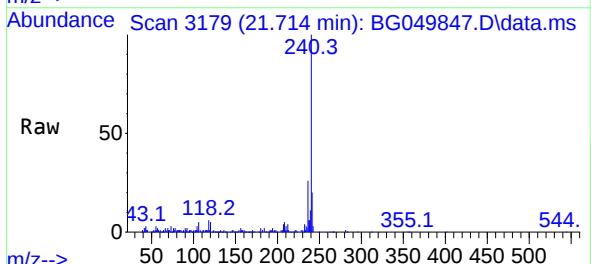
Instrument :
BNA_G
ClientSampled :
34N

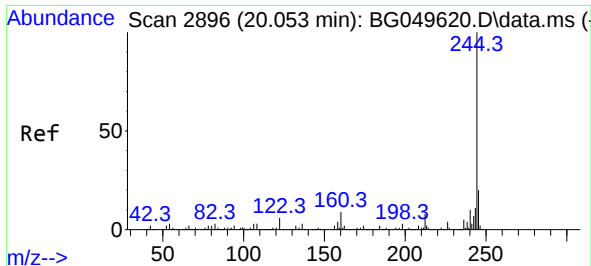
Tgt Ion:188 Resp: 153002
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3179
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:240 Resp: 144752
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.5 21.8 32.6

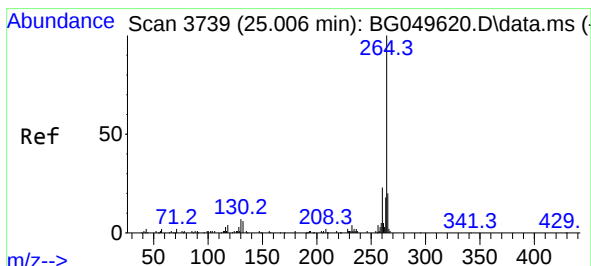
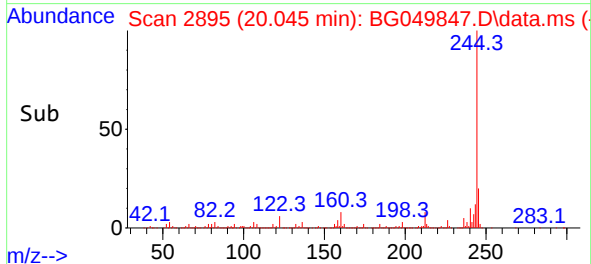
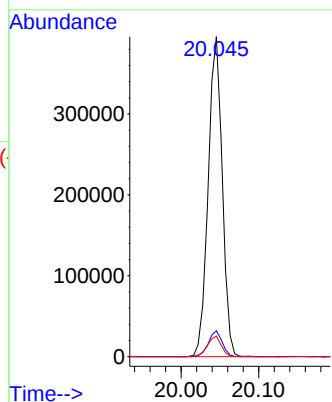
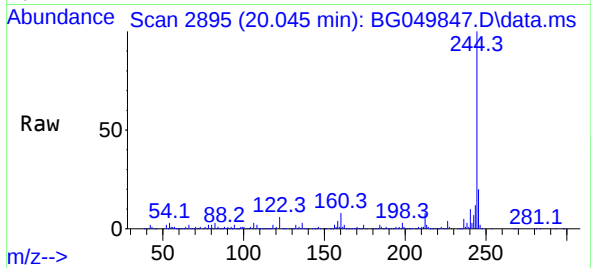




#79
Terphenyl-d14
Concen: 62.368 ng
RT: 20.045 min Scan# 2895
Delta R.T. -0.008 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Instrument :
BNA_G
ClientSampled :
34N

Tgt Ion:244 Resp: 497078
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.4 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 3737
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:264 Resp: 159634
Ion Ratio Lower Upper
264 100
260 21.6 19.4 29.2
265 23.4 16.9 25.3

