

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049851.D
 Acq On : 16 Aug 2021 15:17
 Operator : CG/JU
 Sample : M3407-26
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 29N

Quant Time: Aug 16 16:56:24 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	8.028	152	27876	20.000	ng	-0.01
21) Naphthalene-d8	10.848	136	103932	20.000	ng	#-0.02
39) Acenaphthene-d10	14.684	164	72885	20.000	ng	-0.01
64) Phenanthrene-d10	17.433	188	162710	20.000	ng	#-0.01
76) Chrysene-d12	21.716	240	152809	20.000	ng	-0.01
86) Perylene-d12	24.988	264	161507	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	149924	96.411	ng	0.00
7) Phenol-d6	7.194	99	201698	85.685	ng	0.00
23) Nitrobenzene-d5	9.197	82	146837	62.519	ng	-0.02
42) 2,4,6-Tribromophenol	16.176	330	107542	100.383	ng	-0.01
45) 2-Fluorobiphenyl	13.298	172	295682	59.030	ng	-0.02
79) Terphenyl-d14	20.041	244	491390	58.404	ng	-0.01

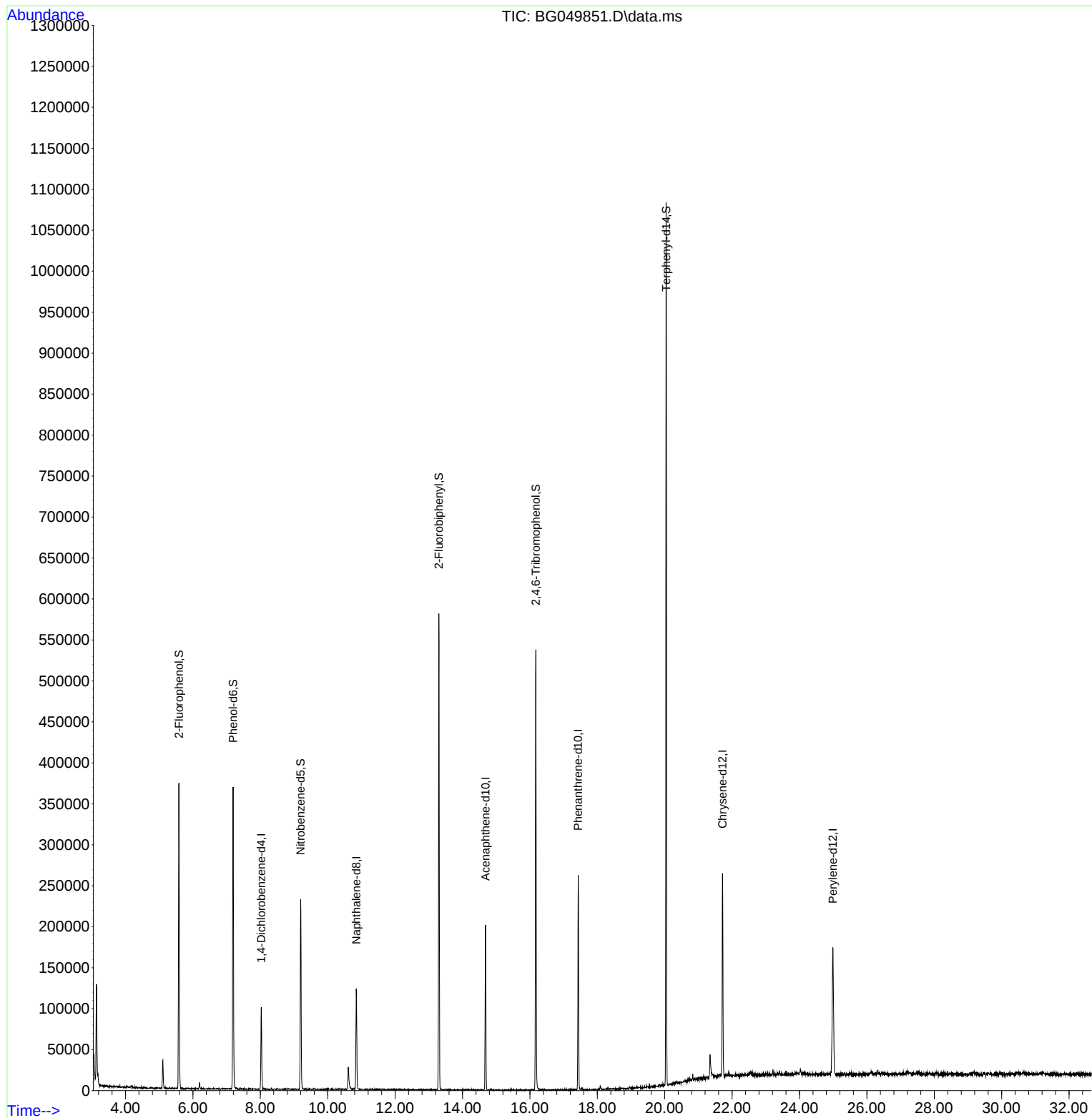
Target Compounds	Qvalue

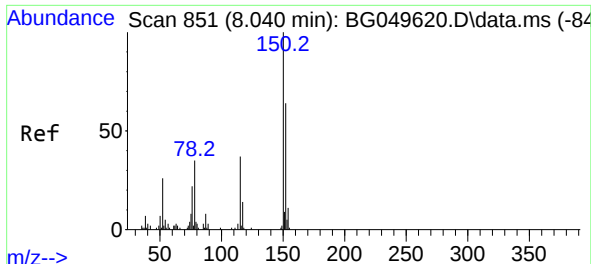
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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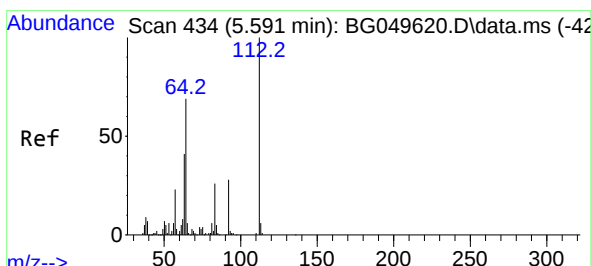
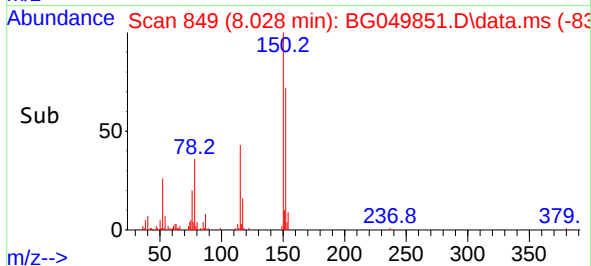
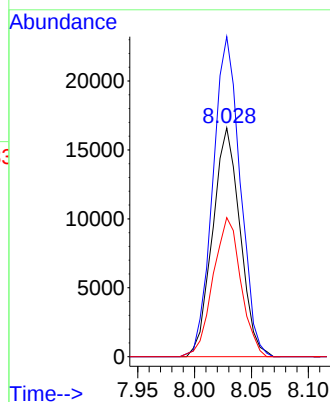
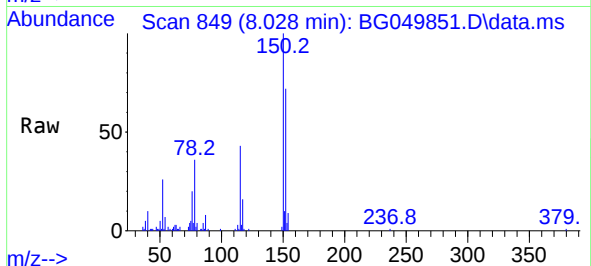




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 849
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

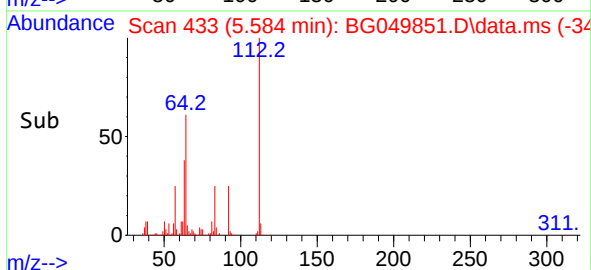
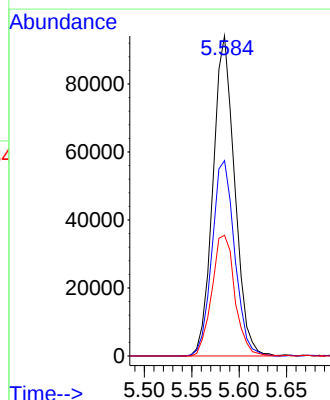
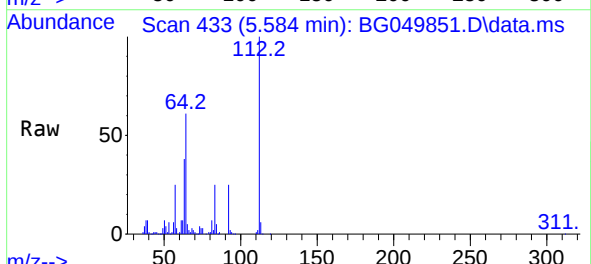
Instrument :
BNA_G
ClientSampleId :
29N

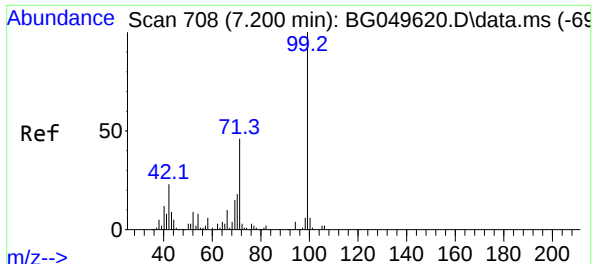
Tgt Ion:152 Resp: 27876
Ion Ratio Lower Upper
152 100
150 139.9 119.4 179.0
115 60.8 60.2 90.4



#5
2-Fluorophenol
Concen: 96.411 ng
RT: 5.584 min Scan# 433
Delta R.T. -0.006 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:112 Resp: 149924
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 37.7 35.3 52.9

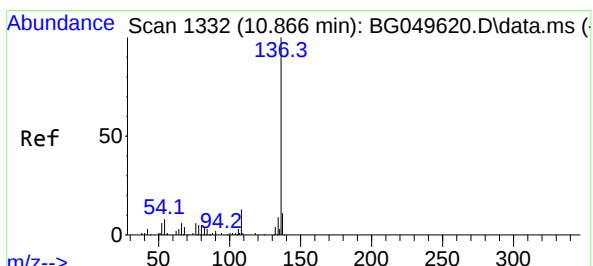
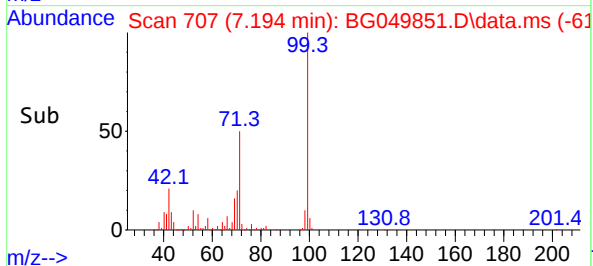
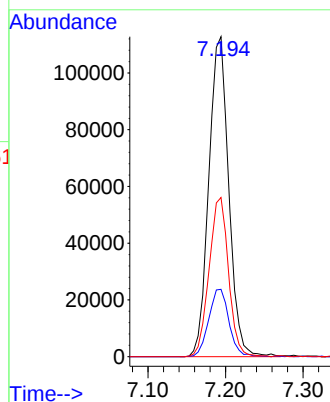
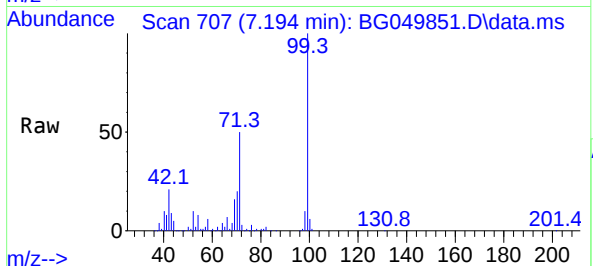




#7
Phenol-d6
Concen: 85.685 ng
RT: 7.194 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

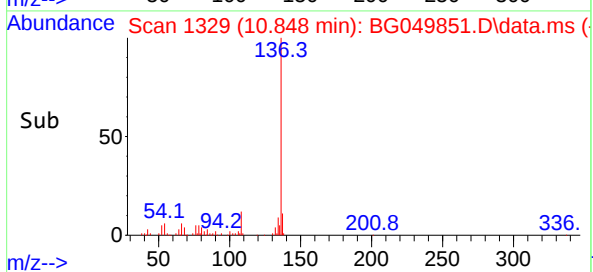
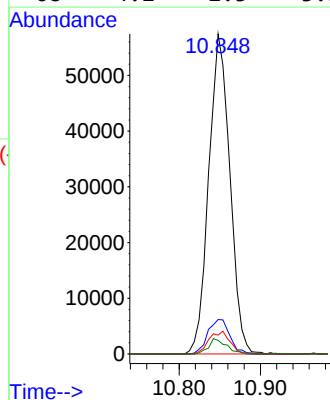
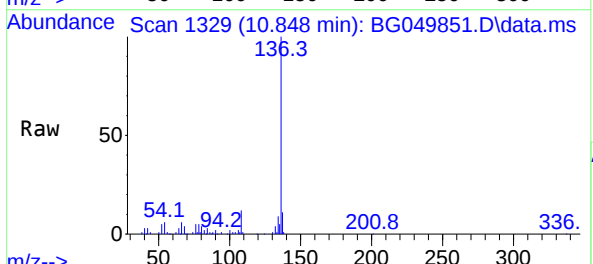
Instrument :
BNA_G
ClientSampleId :
29N

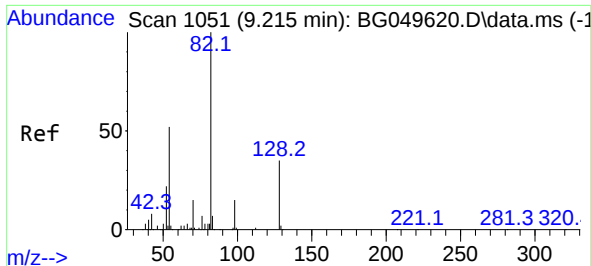
Tgt Ion: 99 Resp: 201698
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 49.7 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.848 min Scan# 1329
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion: 136 Resp: 103932
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 5.9 5.5 8.3
68 4.2 2.3 3.5#

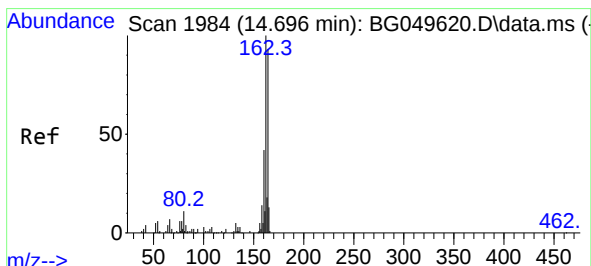
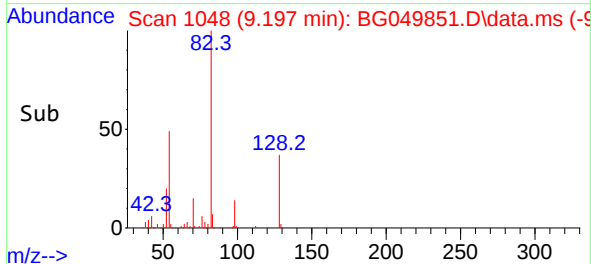
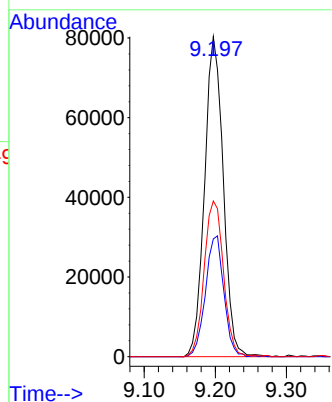
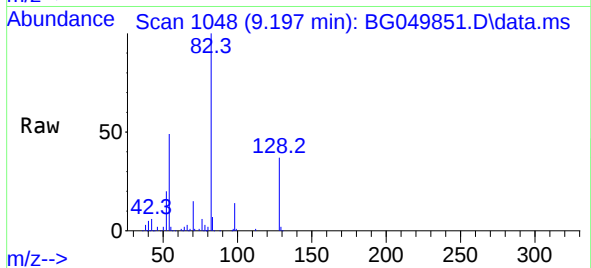




#23
Nitrobenzene-d5
Concen: 62.519 ng
RT: 9.197 min Scan# 1048
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

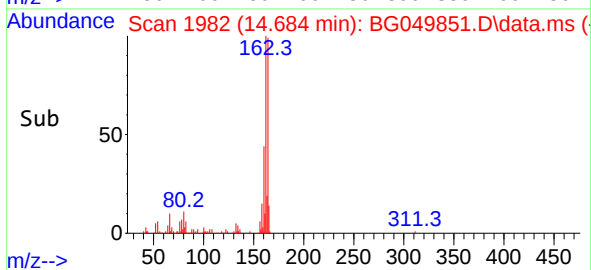
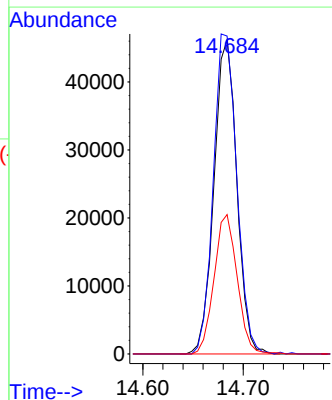
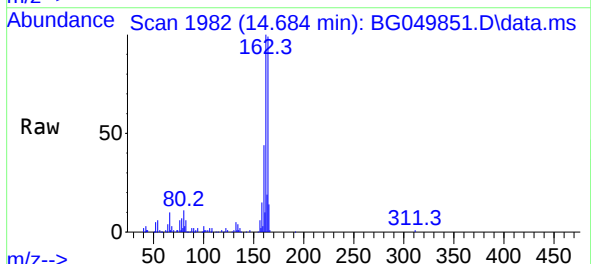
Instrument :
BNA_G
ClientSampleId :
29N

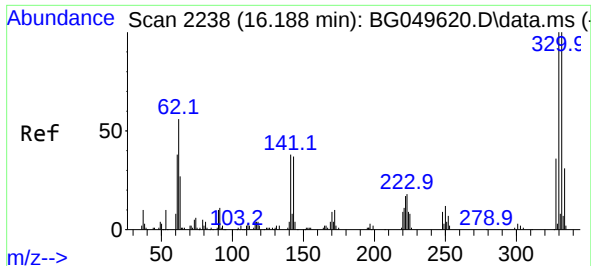
Tgt Ion: 82 Resp: 146837
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 48.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:164 Resp: 72885
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.4 34.9 52.3

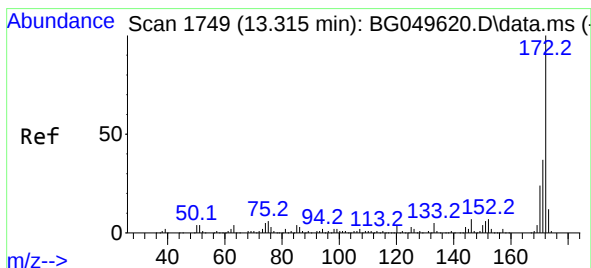
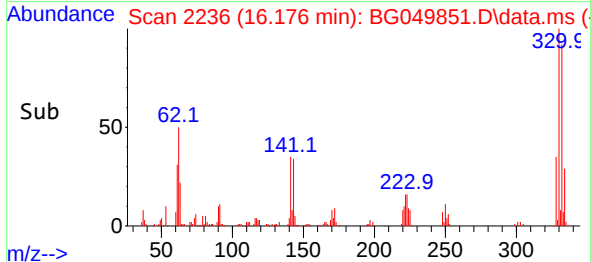
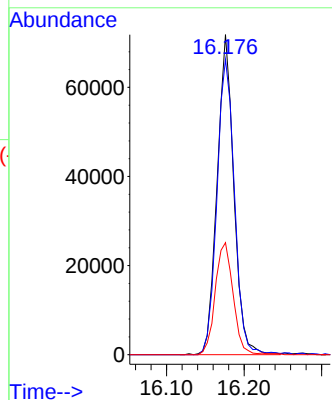
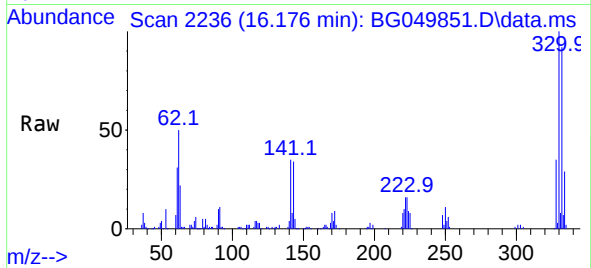




#42
2,4,6-Tribromophenol
Concen: 100.383 ng
RT: 16.176 min Scan# 2236
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

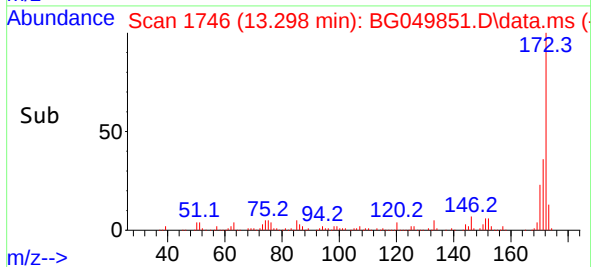
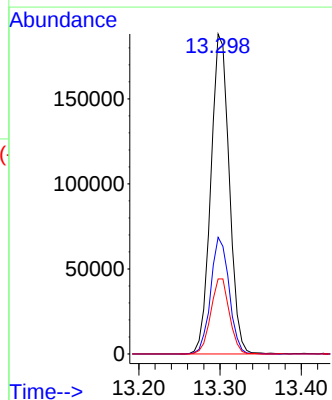
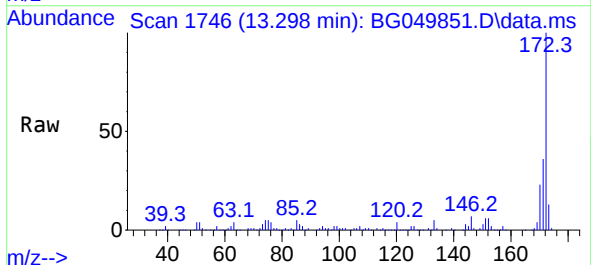
Instrument :
BNA_G
ClientSampleId :
29N

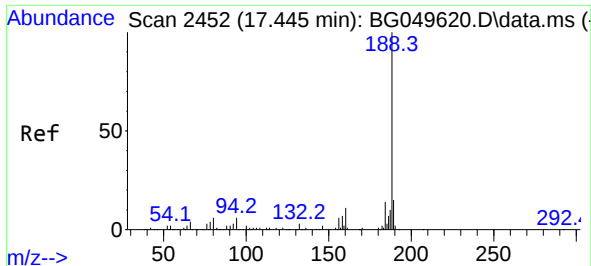
Tgt Ion:330 Resp: 107542
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 37.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 59.030 ng
RT: 13.298 min Scan# 1746
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:172 Resp: 295682
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.4 18.6 27.8

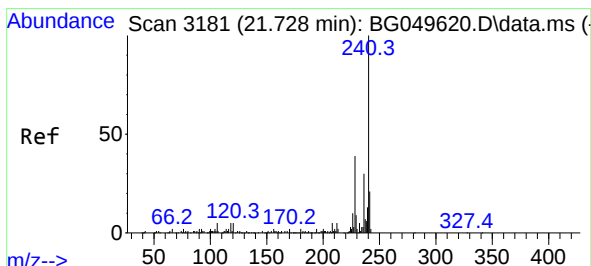
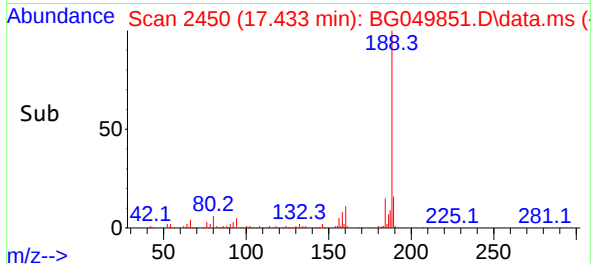
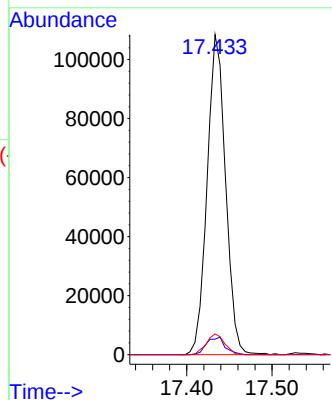
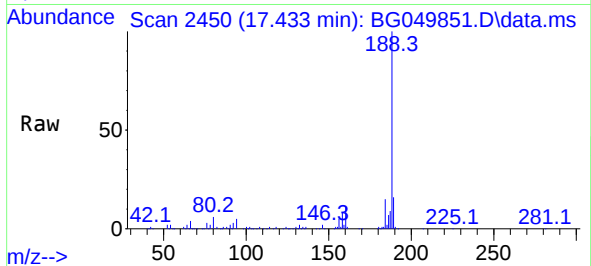




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

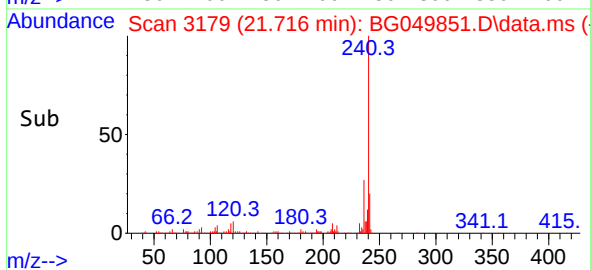
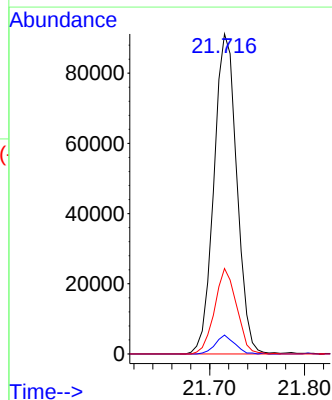
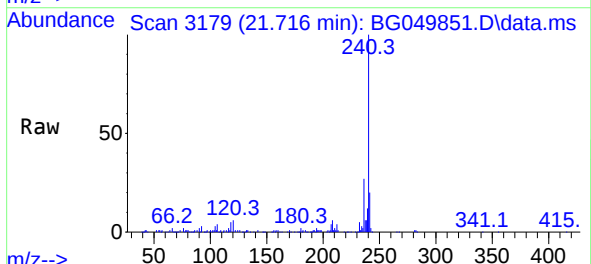
Instrument :
BNA_G
ClientSampled :
29N

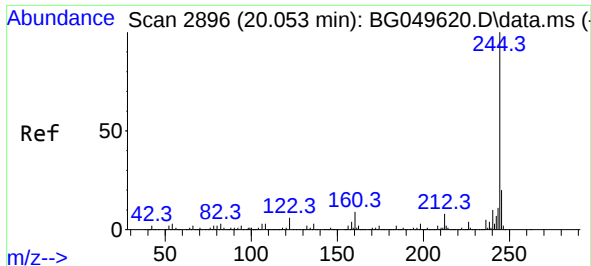
Tgt Ion:188 Resp: 162710
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:240 Resp: 152809
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 26.7 21.8 32.6

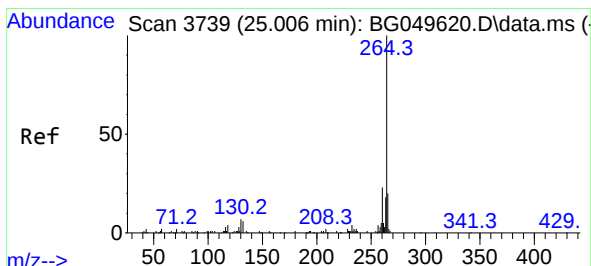
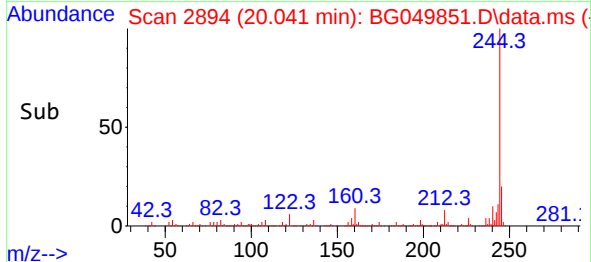
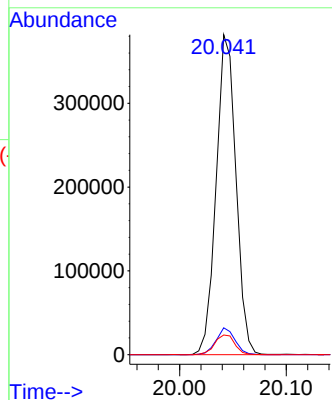
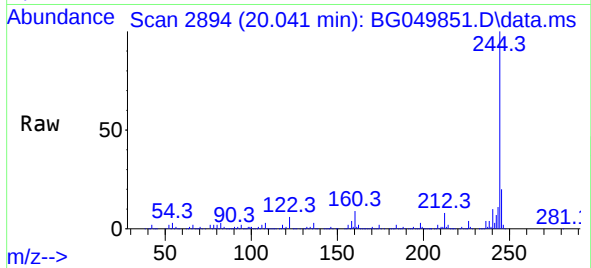




#79
Terphenyl-d14
Concen: 58.404 ng
RT: 20.041 min Scan# 2894
Delta R.T. -0.012 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Instrument :
BNA_G
ClientSampleId :
29N

Tgt Ion:244 Resp: 491390
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.988 min Scan# 3736
Delta R.T. -0.018 min
Lab File: BG049851.D
Acq: 16 Aug 2021 15:17

Tgt Ion:264 Resp: 161507
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.4 16.9 25.3

