

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049834.D
 Acq On : 13 Aug 2021 14:30
 Operator : CG/JU
 Sample : M3346-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Quant Time: Aug 13 15:15:02 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	8.034	152	28401	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	108250	20.000	ng	#-0.01
39) Acenaphthene-d10	14.684	164	67917	20.000	ng	-0.01
64) Phenanthrene-d10	17.439	188	151309	20.000	ng	# 0.00
76) Chrysene-d12	21.721	240	151392	20.000	ng	0.00
86) Perylene-d12	25.005	264	159631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	119710	75.558	ng	0.00
7) Phenol-d6	7.200	99	151205	63.047	ng	0.00
23) Nitrobenzene-d5	9.203	82	131197	53.632	ng	-0.01
42) 2,4,6-Tribromophenol	16.182	330	96679	96.845	ng	0.00
45) 2-Fluorobiphenyl	13.303	172	270121	57.872	ng	-0.01
79) Terphenyl-d14	20.053	244	489451	58.718	ng	0.00

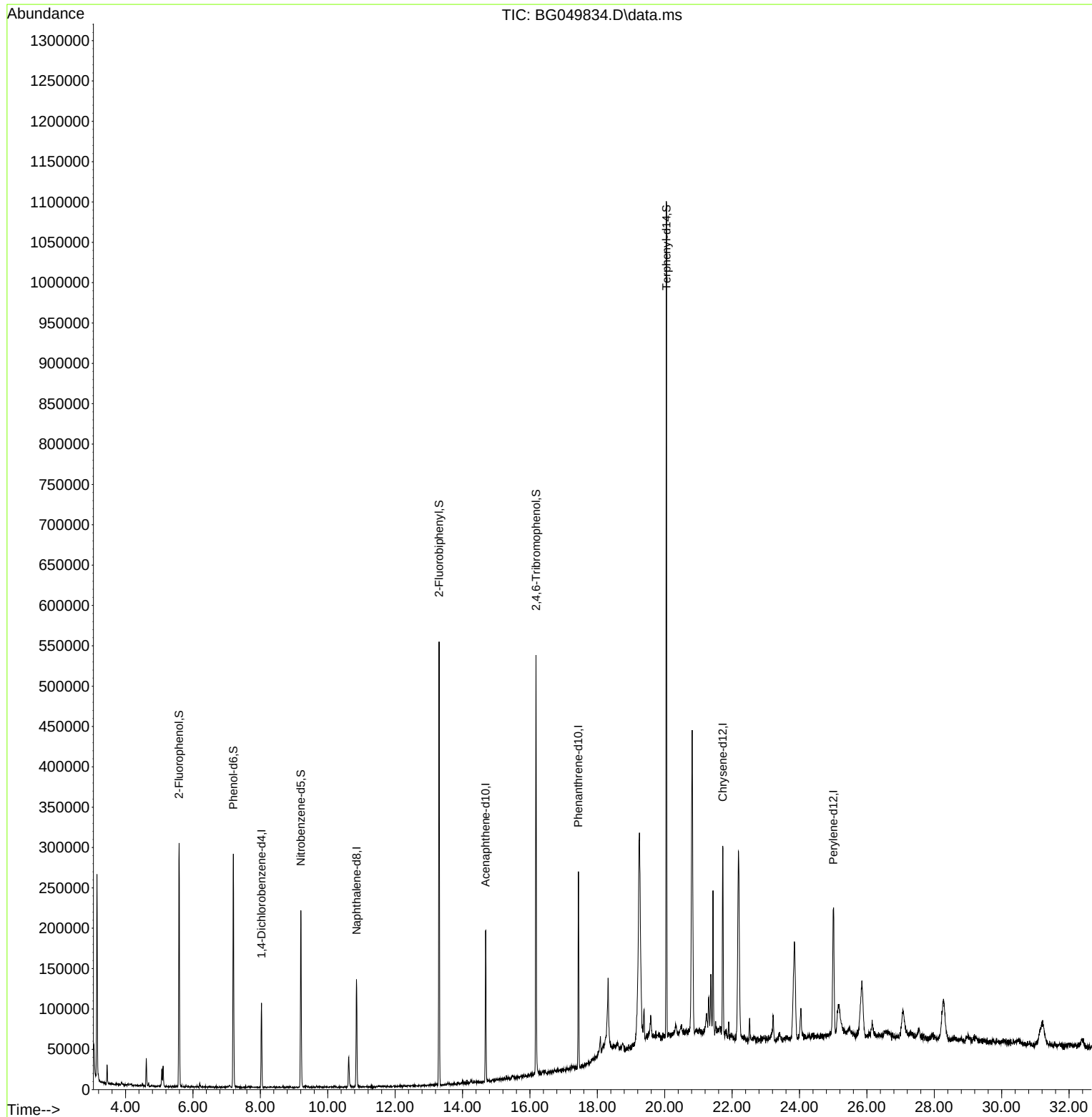
Target Compounds	Qvalue

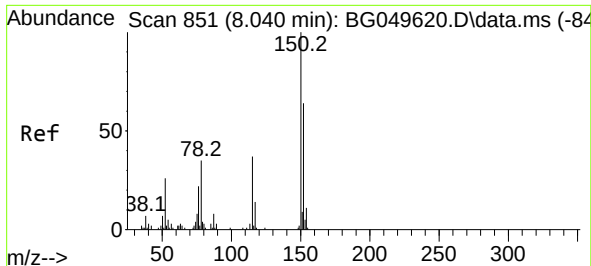
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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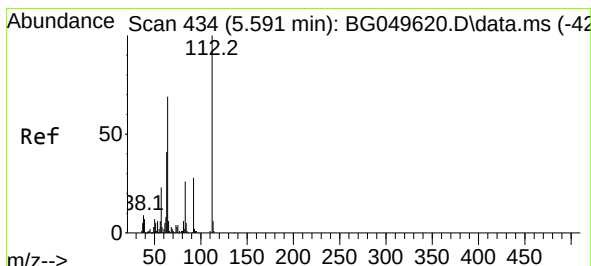
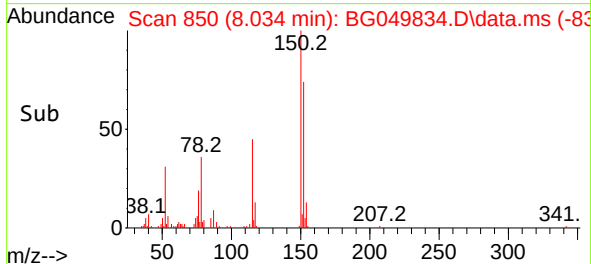
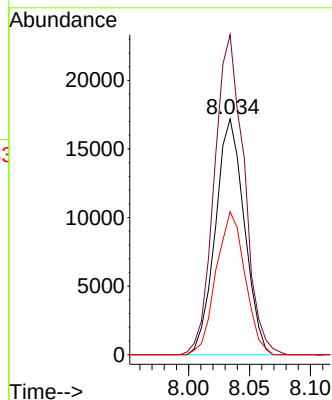
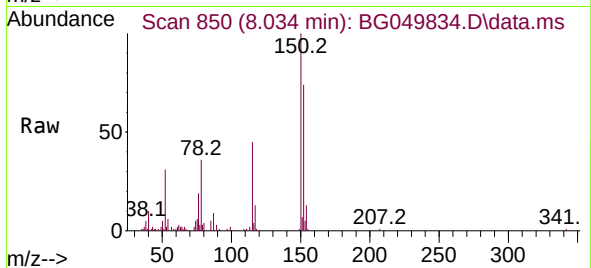




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

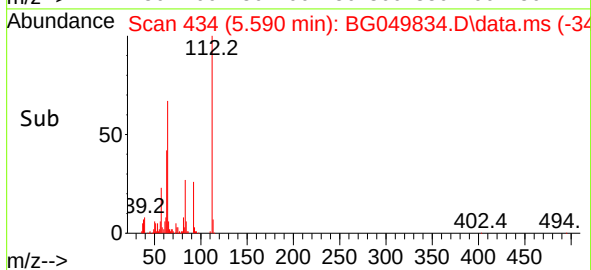
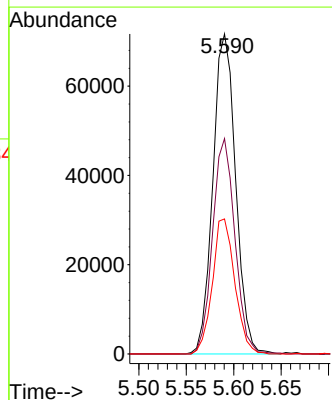
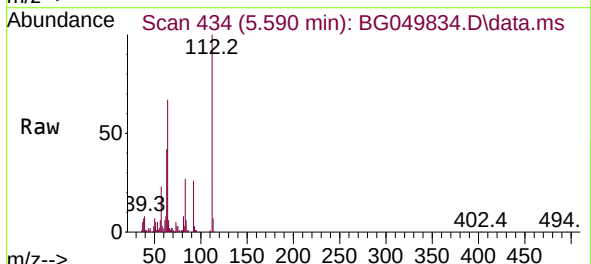
Instrument :
BNA_G
ClientSampled :
LPA-1

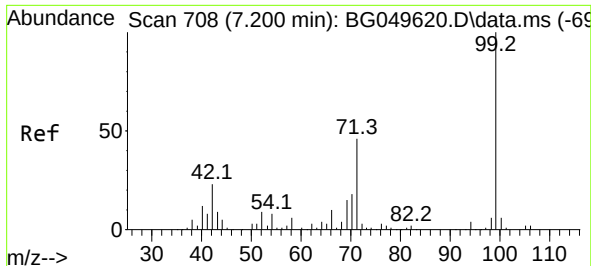
Tgt Ion:152 Resp: 28401
Ion Ratio Lower Upper
152 100
150 135.7 119.4 179.0
115 60.7 60.2 90.4



#5
2-Fluorophenol
Concen: 75.558 ng
RT: 5.590 min Scan# 434
Delta R.T. -0.000 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:112 Resp: 119710
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 42.2 35.3 52.9

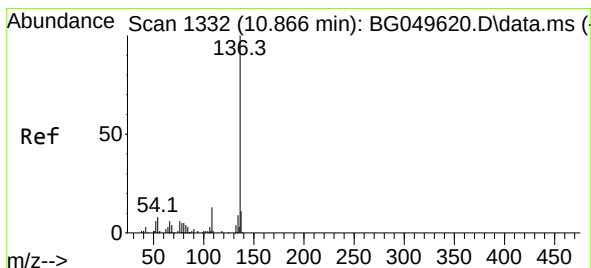
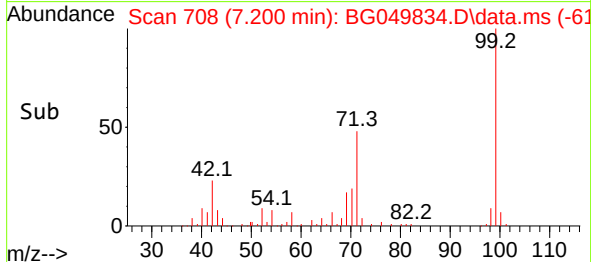
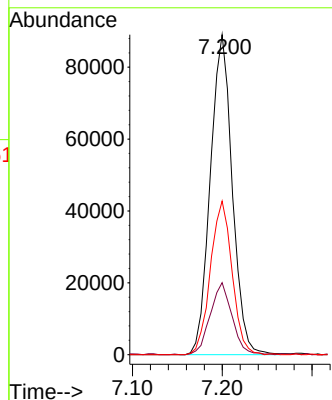
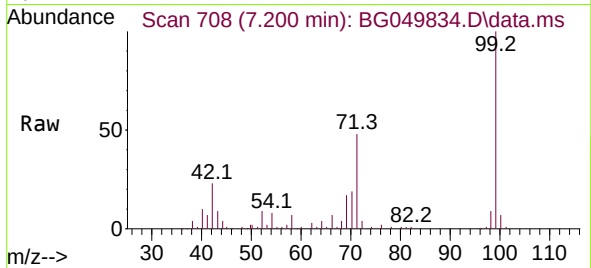




#7
Phenol-d6
Concen: 63.047 ng
RT: 7.200 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

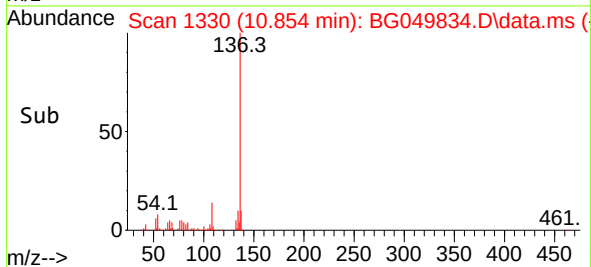
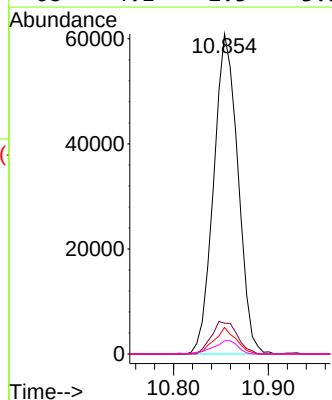
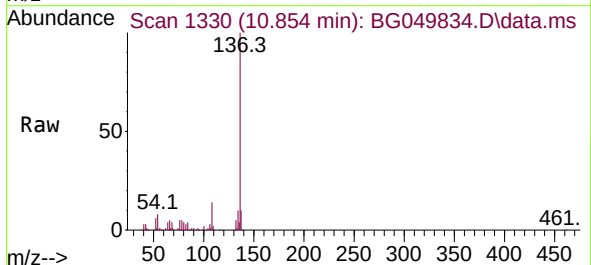
Instrument :
BNA_G
ClientSampled :
LPA-1

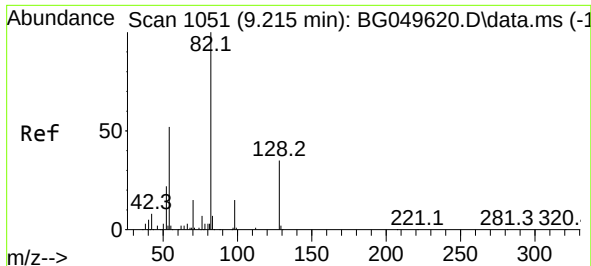
Tgt Ion: 99 Resp: 151205
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 48.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion: 136 Resp: 108250
Ion Ratio Lower Upper
136 100
137 9.6 8.2 12.2
54 8.3 5.5 8.3#
68 4.1 2.3 3.5#

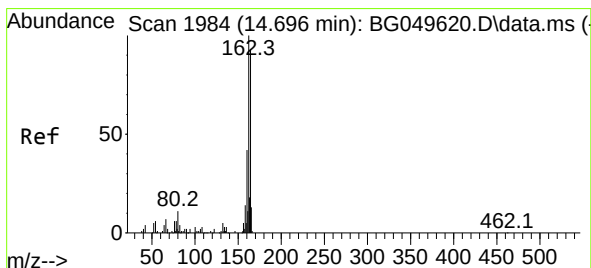
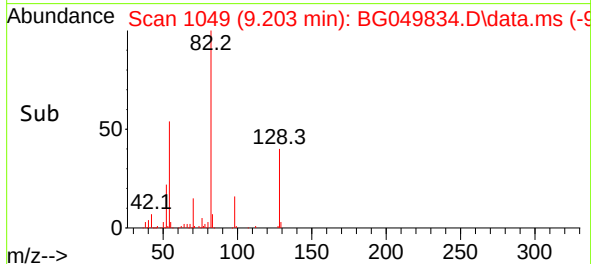
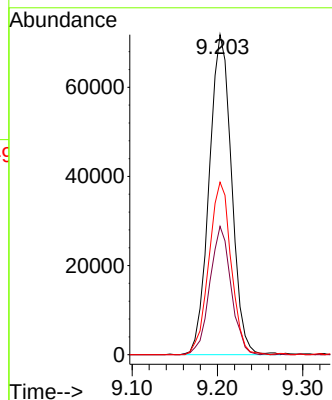
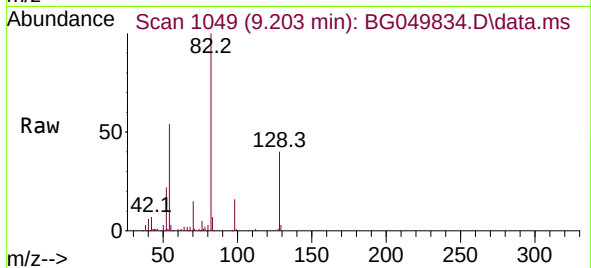




#23
Nitrobenzene-d5
Concen: 53.632 ng
RT: 9.203 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

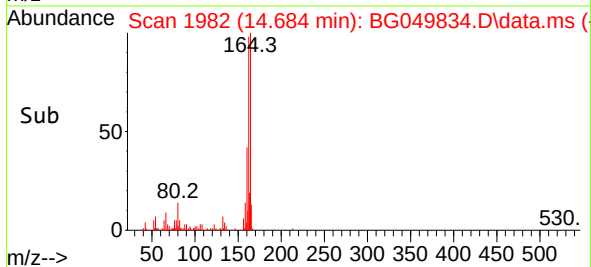
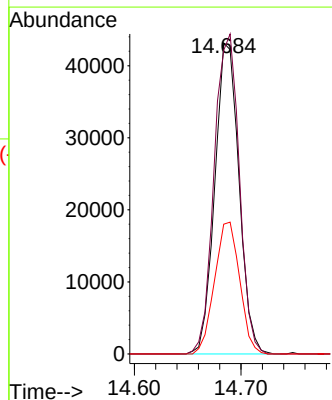
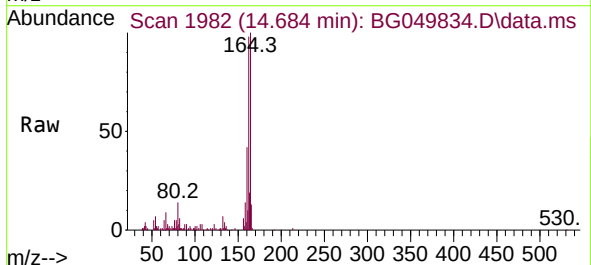
Instrument :
BNA_G
ClientSampled :
LPA-1

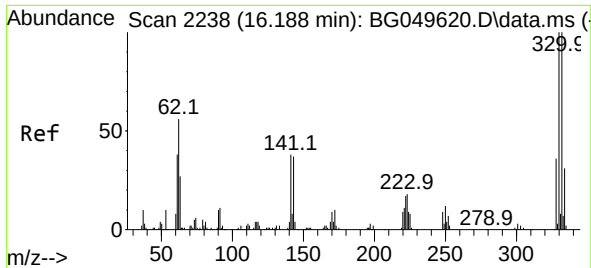
Tgt Ion: 82 Resp: 131197
Ion Ratio Lower Upper
82 100
128 40.1 29.8 44.6
54 53.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:164 Resp: 67917
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.0
160 41.7 34.9 52.3

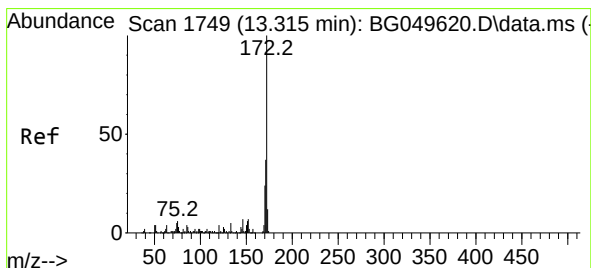
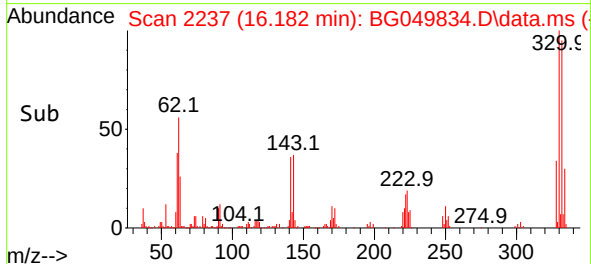
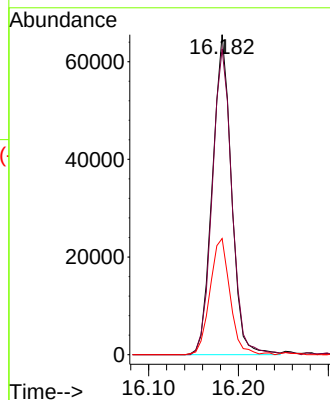
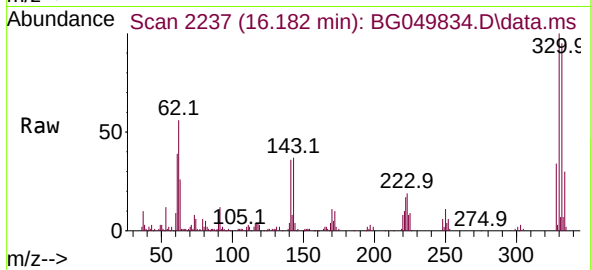




#42
2,4,6-Tribromophenol
Concen: 96.845 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

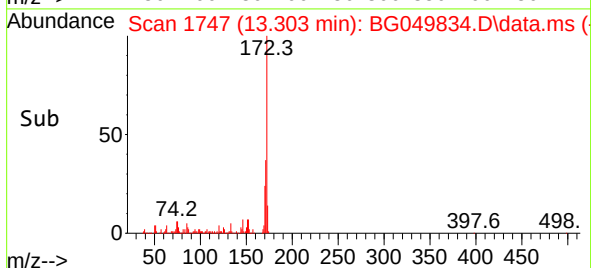
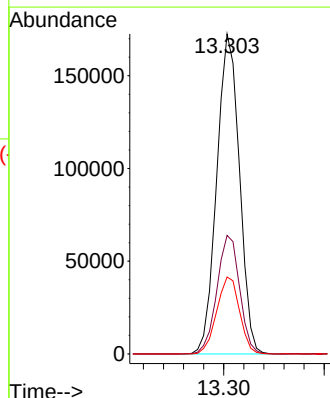
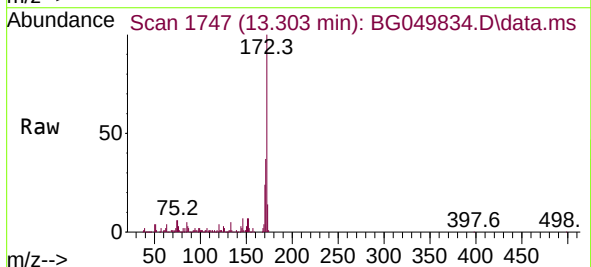
Instrument :
BNA_G
ClientSampleId :
LPA-1

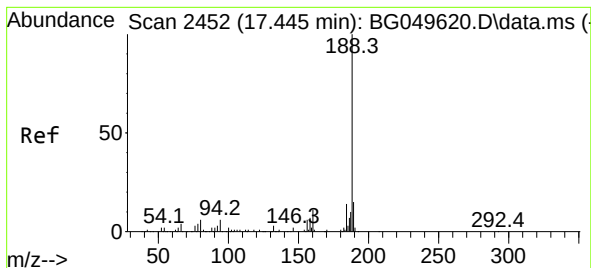
Tgt Ion:330 Resp: 96679
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 38.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 57.872 ng
RT: 13.303 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:172 Resp: 270121
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.1 18.6 27.8

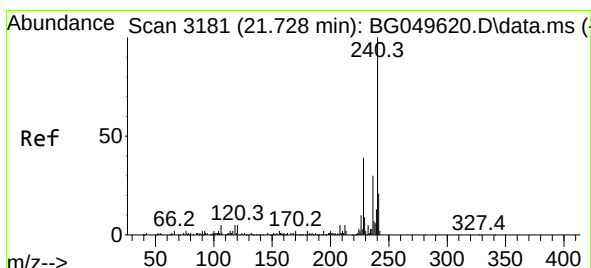
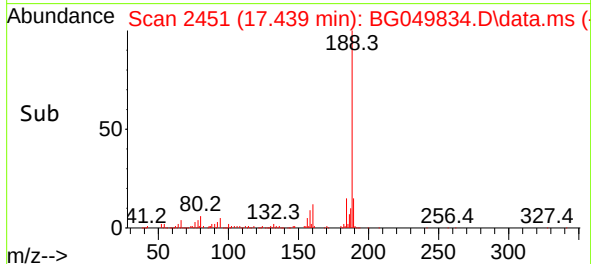
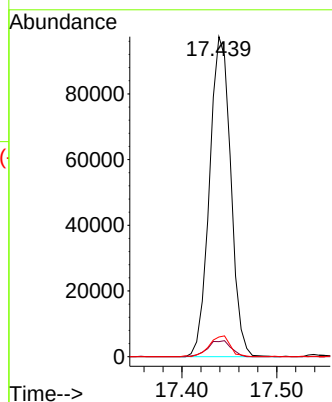
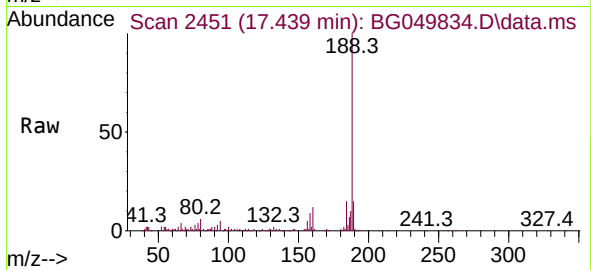




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

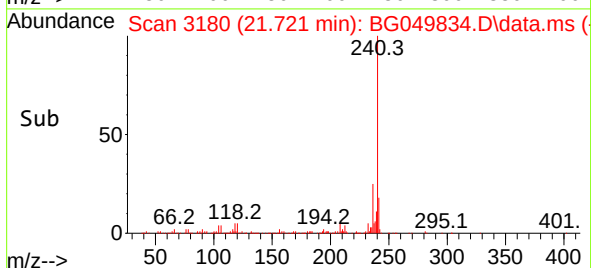
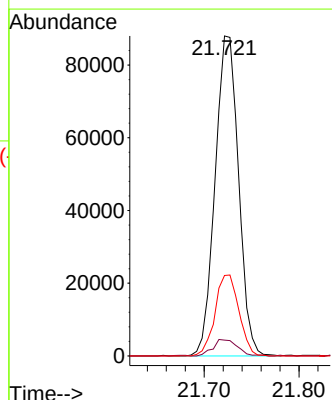
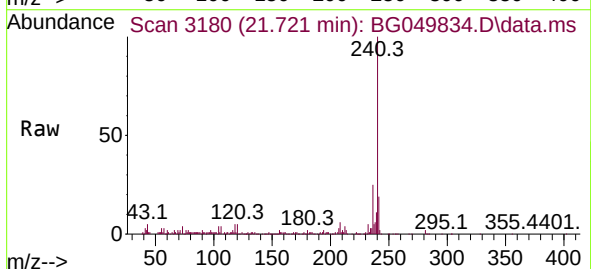
Instrument :
BNA_G
ClientSampleId :
LPA-1

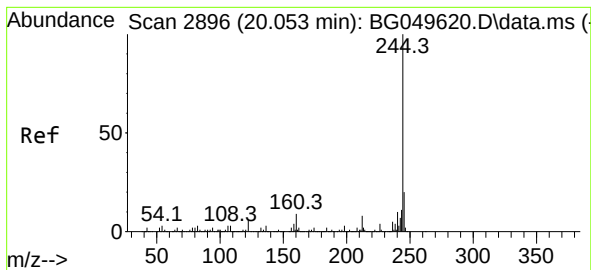
Tgt Ion:188 Resp: 151309
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:240 Resp: 151392
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 25.1 21.8 32.6

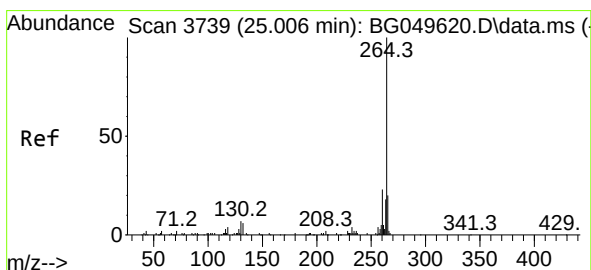
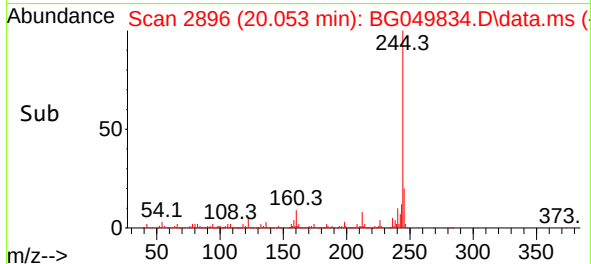
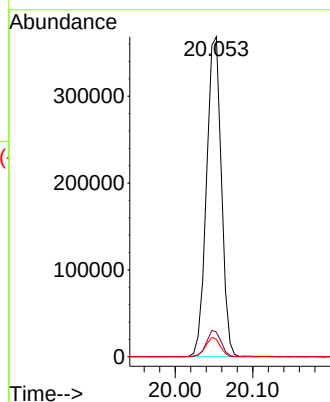
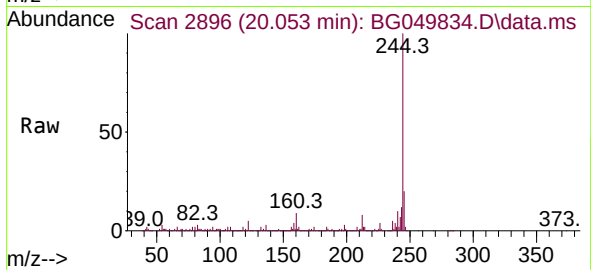




#79
 Terphenyl-d14
 Concen: 58.718 ng
 RT: 20.053 min Scan# 2896
 Delta R.T. -0.000 min
 Lab File: BG049834.D
 Acq: 13 Aug 2021 14:30

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Tgt Ion:	244	Resp:	489451
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.9	10.3
122	5.4	5.0	7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 3739
 Delta R.T. -0.000 min
 Lab File: BG049834.D
 Acq: 13 Aug 2021 14:30

Tgt Ion:	264	Resp:	159631
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	21.5	16.9	25.3

