

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049886.D
 Acq On : 17 Aug 2021 20:35
 Operator : CG/JU
 Sample : M3431-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2

Quant Time: Aug 18 05:44:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

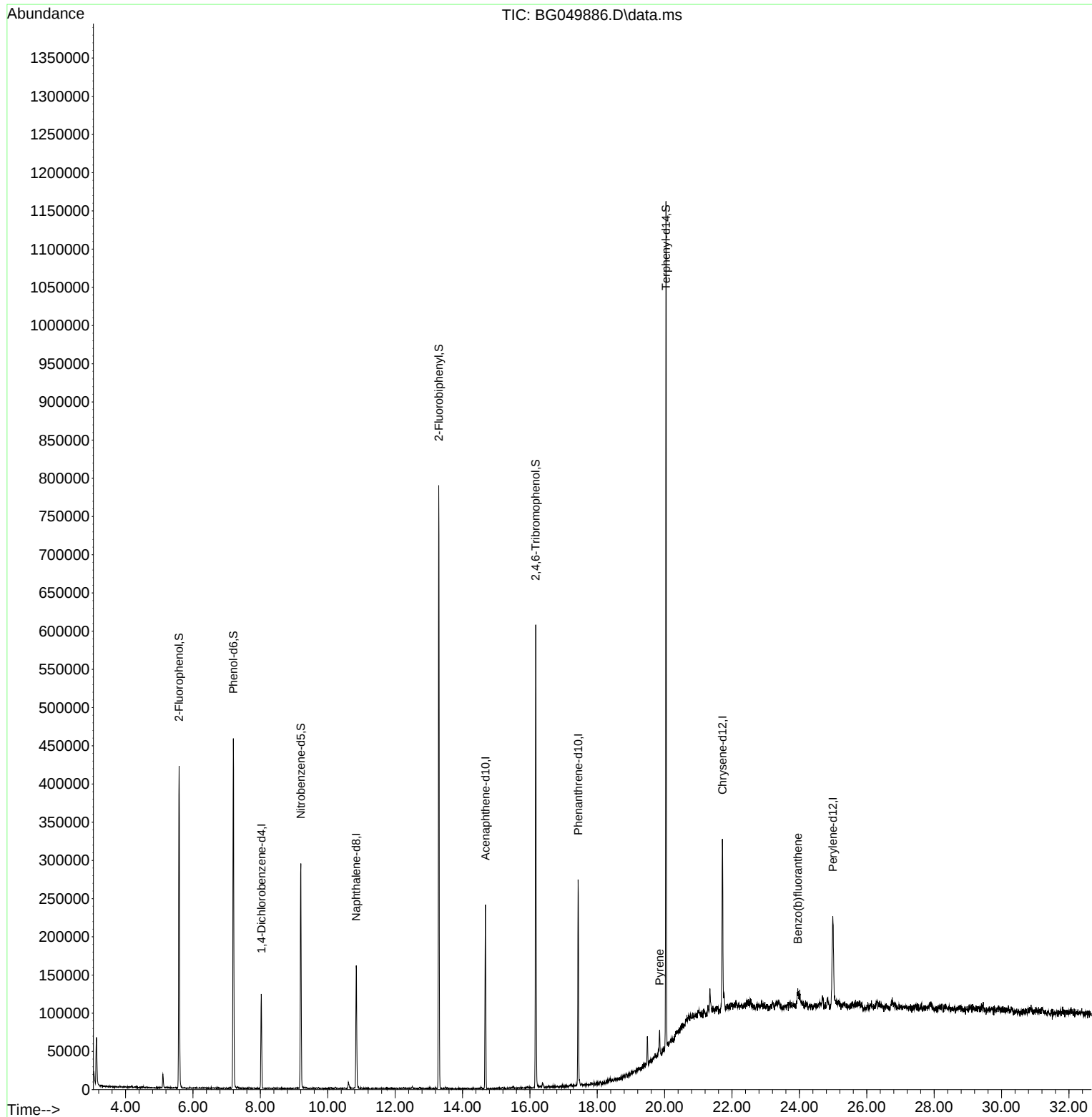
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	33392	20.000	ng	# 0.00
21) Naphthalene-d8	10.846	136	135052	20.000	ng	# 0.00
39) Acenaphthene-d10	14.682	164	85983	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	166383	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	134174	20.000	ng	0.00
86) Perylene-d12	24.991	264	132659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	177421	95.246	ng	0.00
7) Phenol-d6	7.198	99	248929	88.281	ng	0.00
23) Nitrobenzene-d5	9.201	82	183577	60.151	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	118909	94.086	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	399738	67.647	ng	0.00
79) Terphenyl-d14	20.039	244	511028	69.174	ng	0.00
Target Compounds						
78) Pyrene	19.851	202	21254	2.324	ng	# 95
88) Benzo(b)fluoranthene	23.951	252	26096	2.999	ng	# 83

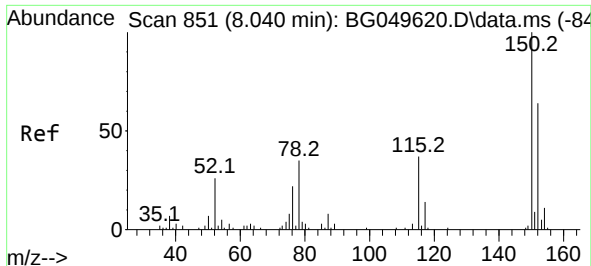
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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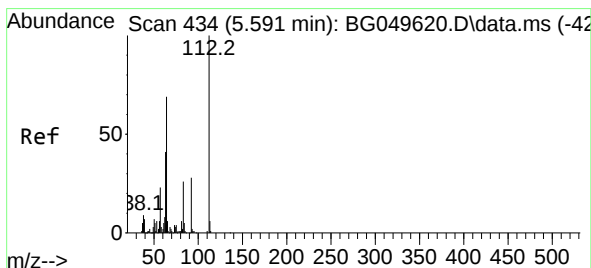
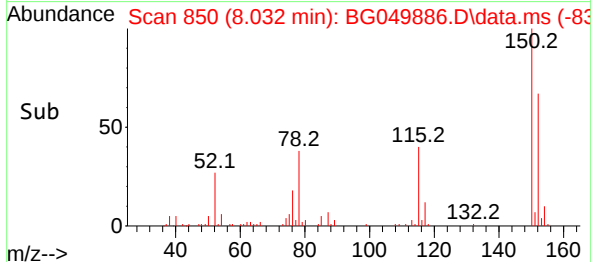
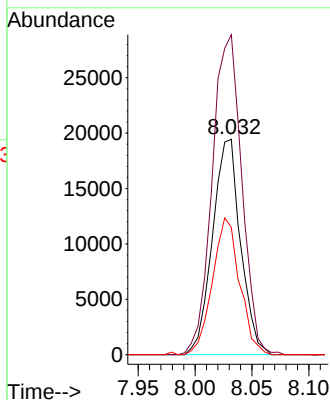
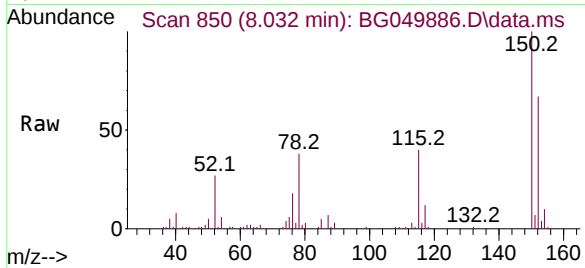




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. 0.004 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

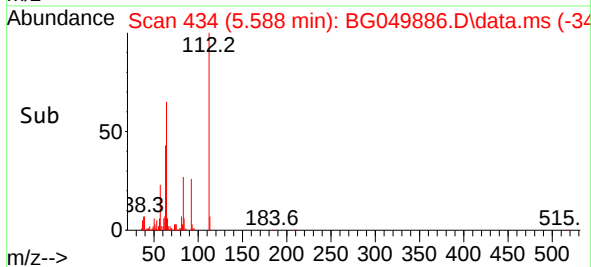
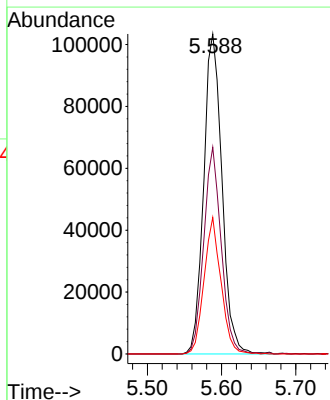
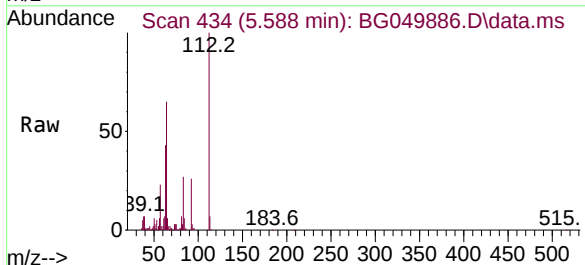
Instrument :
BNA_G
ClientSampled :
2

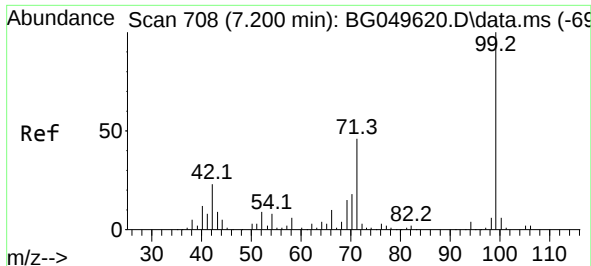
Tgt Ion:152 Resp: 33392
Ion Ratio Lower Upper
152 100
150 148.5 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 95.246 ng
RT: 5.588 min Scan# 434
Delta R.T. 0.010 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

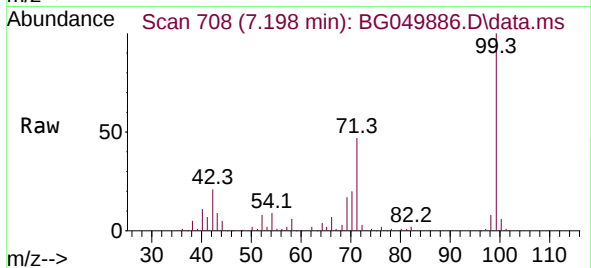
Tgt Ion:112 Resp: 177421
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 42.7 35.3 52.9



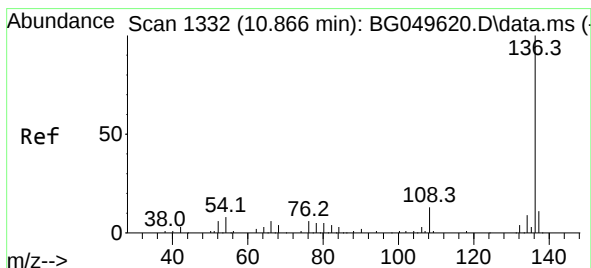
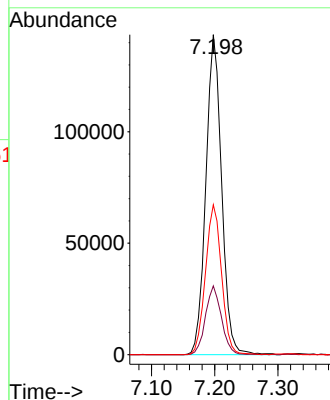
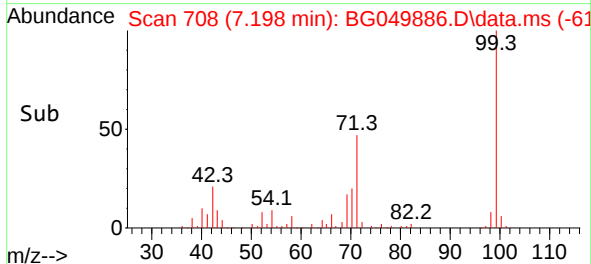


#7
Phenol-d6
Concen: 88.281 ng
RT: 7.198 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

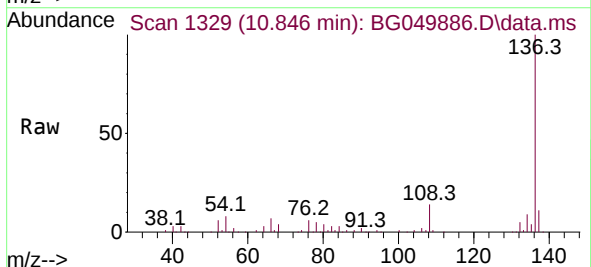
Instrument :
BNA_G
ClientSampleId :
2



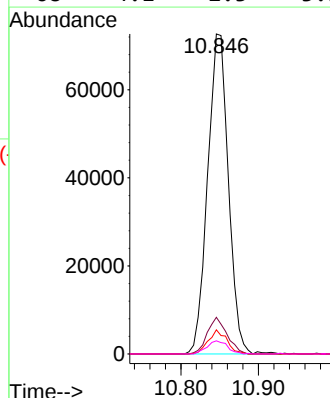
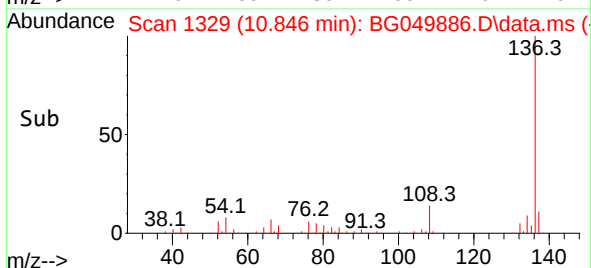
Tgt Ion: 99 Resp: 248929
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 46.9 41.5 62.3

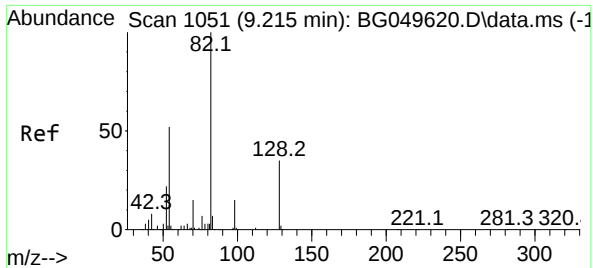


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35



Tgt Ion:136 Resp: 135052
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 7.6 5.5 8.3
68 4.1 2.3 3.5#

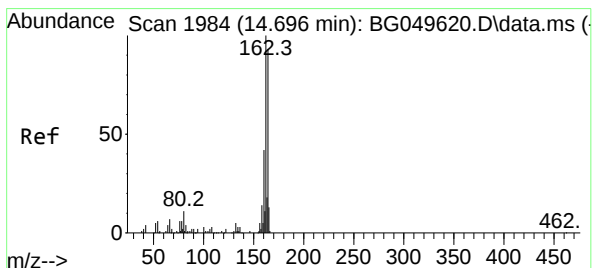
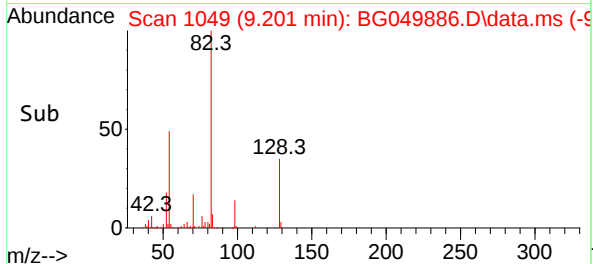
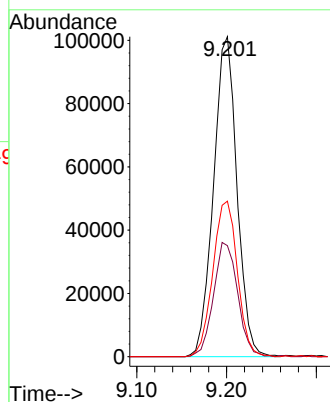
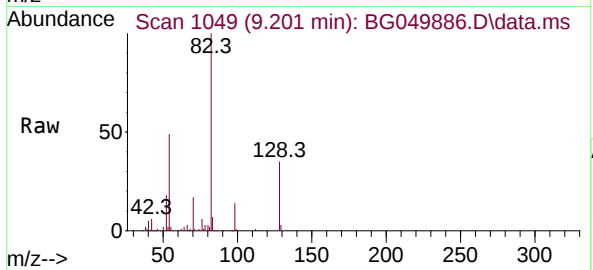




#23
Nitrobenzene-d5
Concen: 60.151 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

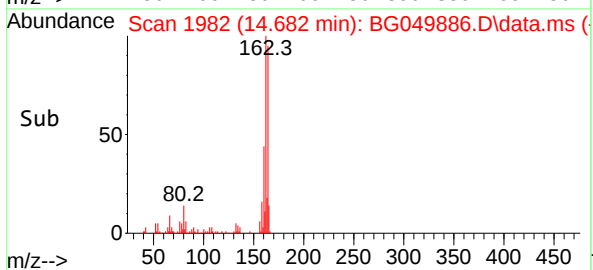
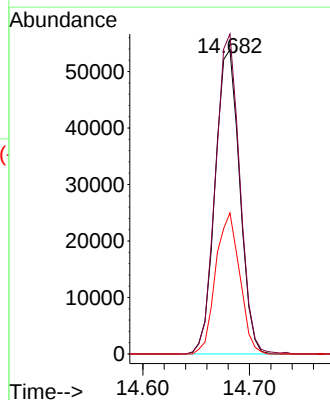
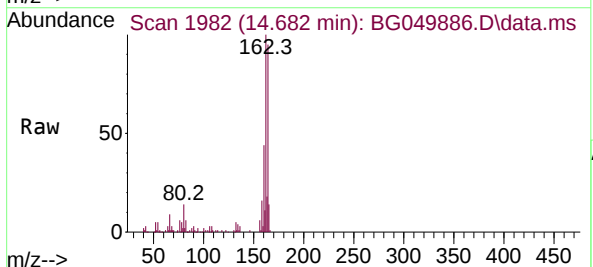
Instrument :
BNA_G
ClientSampled :
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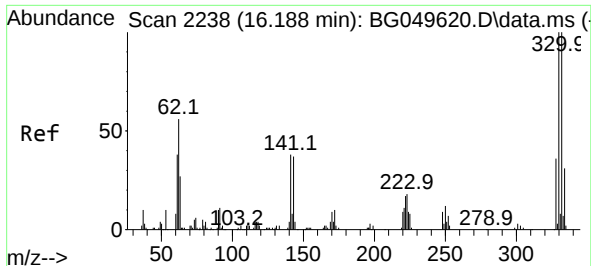
Tgt Ion: 82 Resp: 183577
Ion Ratio Lower Upper
82 100
128 34.7 29.8 44.6
54 48.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:164 Resp: 85983
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 46.4 34.9 52.3

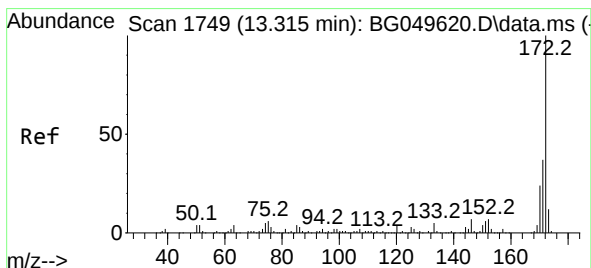
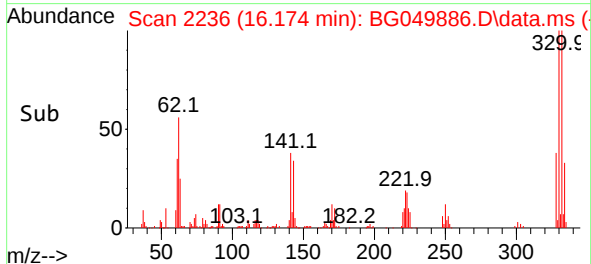
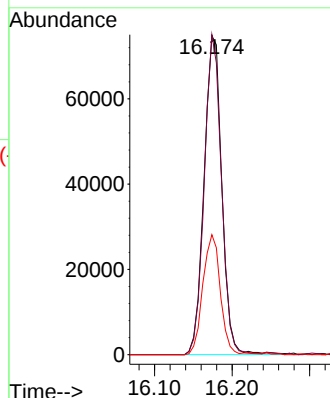
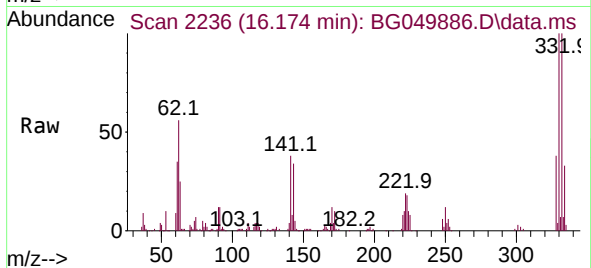




#42
2,4,6-Tribromophenol
Concen: 94.086 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

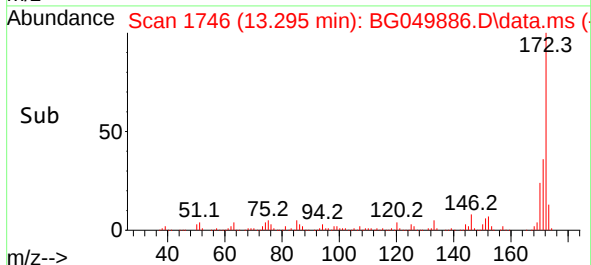
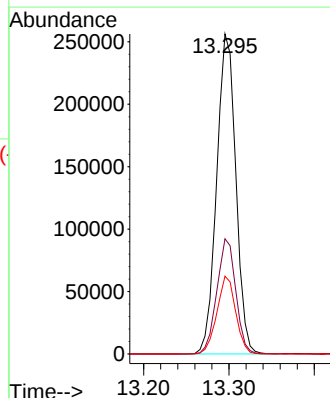
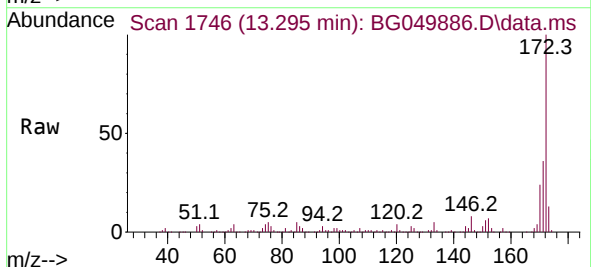
Instrument :
BNA_G
ClientSampled :
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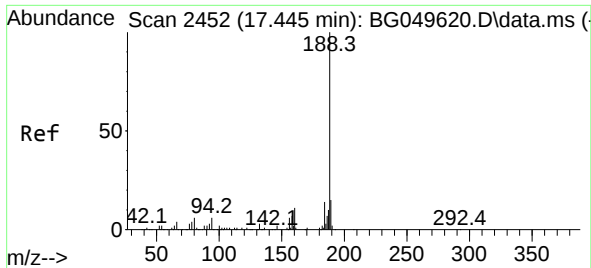
Tgt Ion:330 Resp: 118909
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 37.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 67.647 ng
RT: 13.295 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:172 Resp: 399738
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.3 18.6 27.8

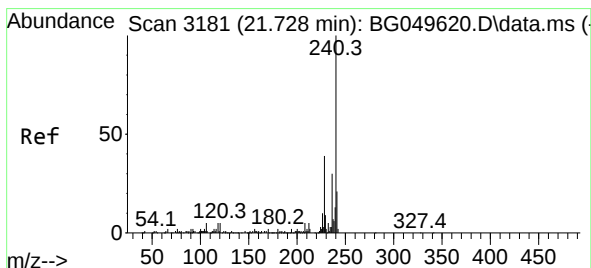
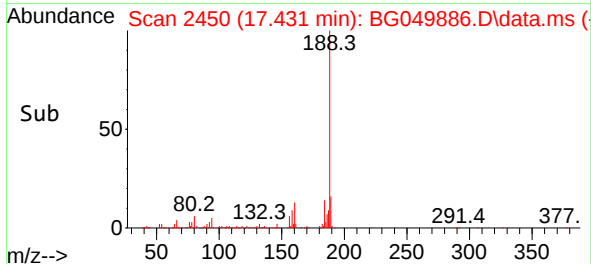
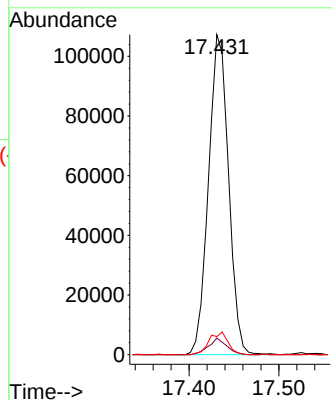
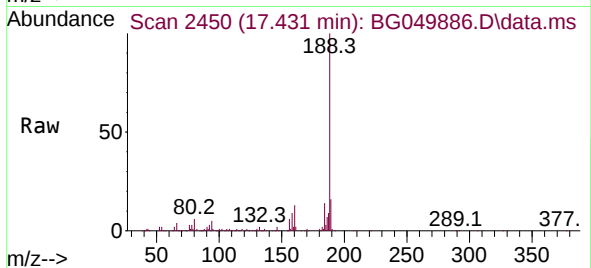




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

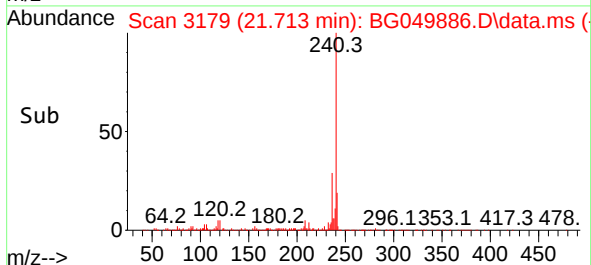
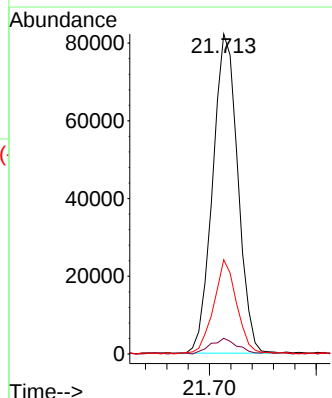
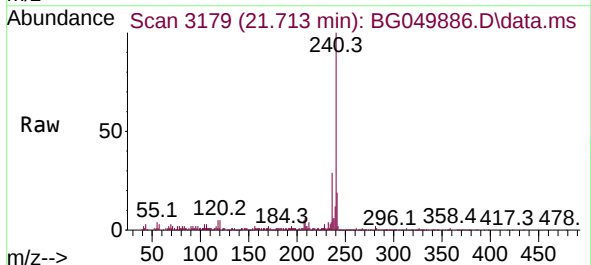
Instrument :
BNA_G
ClientSampled :
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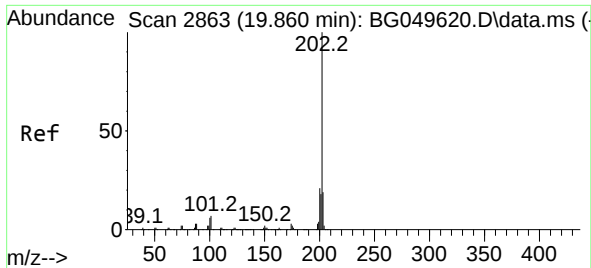
Tgt Ion:188 Resp: 166383
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:240 Resp: 134174
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 29.4 21.8 32.6

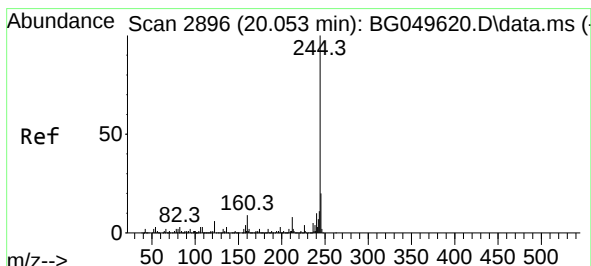
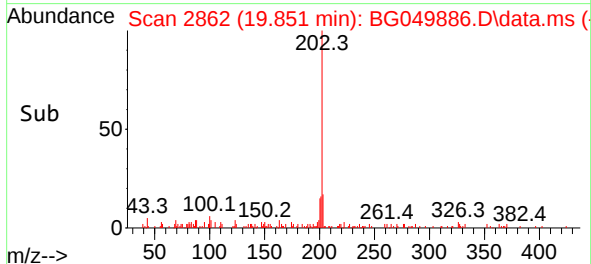
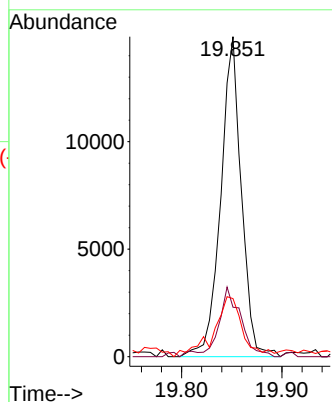
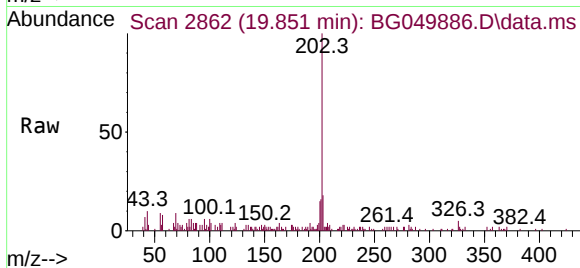




#78
Pyrene
Concen: 2.324 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

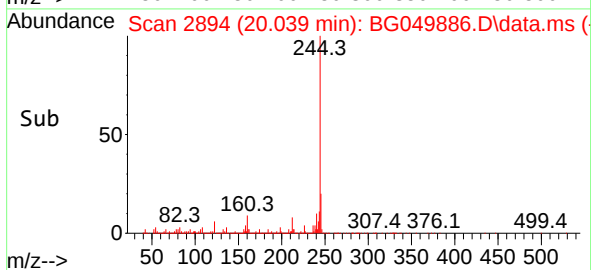
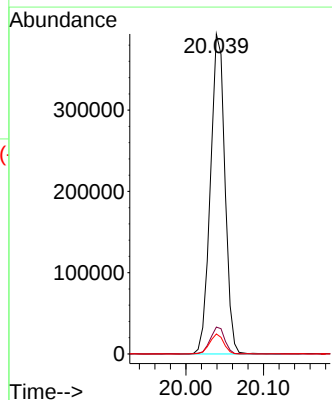
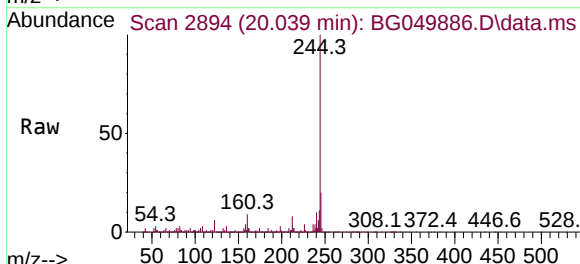
Instrument :
BNA_G
ClientSampled :
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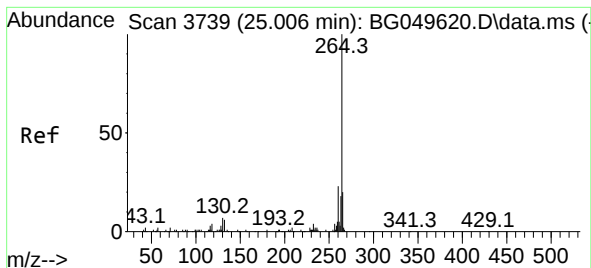
Tgt Ion:	202	Resp:	21254
Ion Ratio	Lower	Upper	
202	100		
200	15.4	15.8	23.8#
203	18.2	14.6	21.8



#79
Terphenyl-d14
Concen: 69.174 ng
RT: 20.039 min Scan# 2894
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

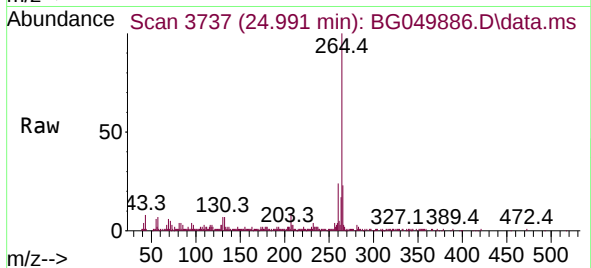
Tgt Ion:	244	Resp:	511028
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.9	10.3
122	6.2	5.0	7.6



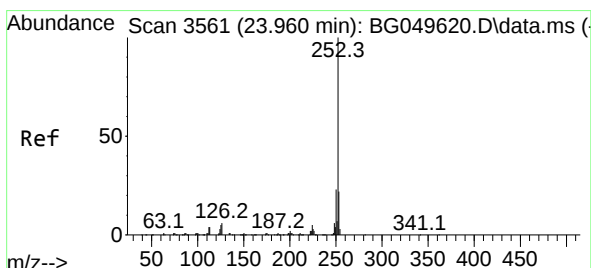
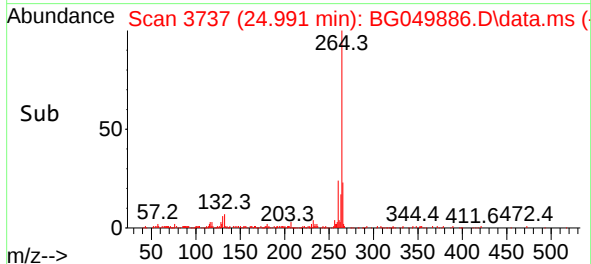
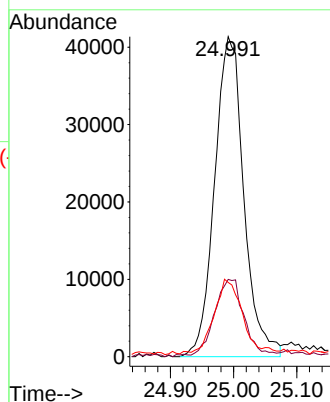


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.991 min Scan# 3737
 Delta R.T. 0.004 min
 Lab File: BG049886.D
 Acq: 17 Aug 2021 20:35

Instrument :
 BNA_G
 ClientSampled :
 2



Tgt Ion:	264	Resp:	132659
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	23.2	16.9	25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.999 ng
 RT: 23.951 min Scan# 3560
 Delta R.T. -0.002 min
 Lab File: BG049886.D
 Acq: 17 Aug 2021 20:35

Tgt Ion:	252	Resp:	26096
Ion Ratio	Lower	Upper	
252	100		
253	28.2	16.2	24.4#
125	8.3	3.0	4.4#

