

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051131.D
 Acq On : 19 Nov 2021 20:43
 Operator : CG/JU
 Sample : M4758-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP7

Quant Time: Nov 20 03:37:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

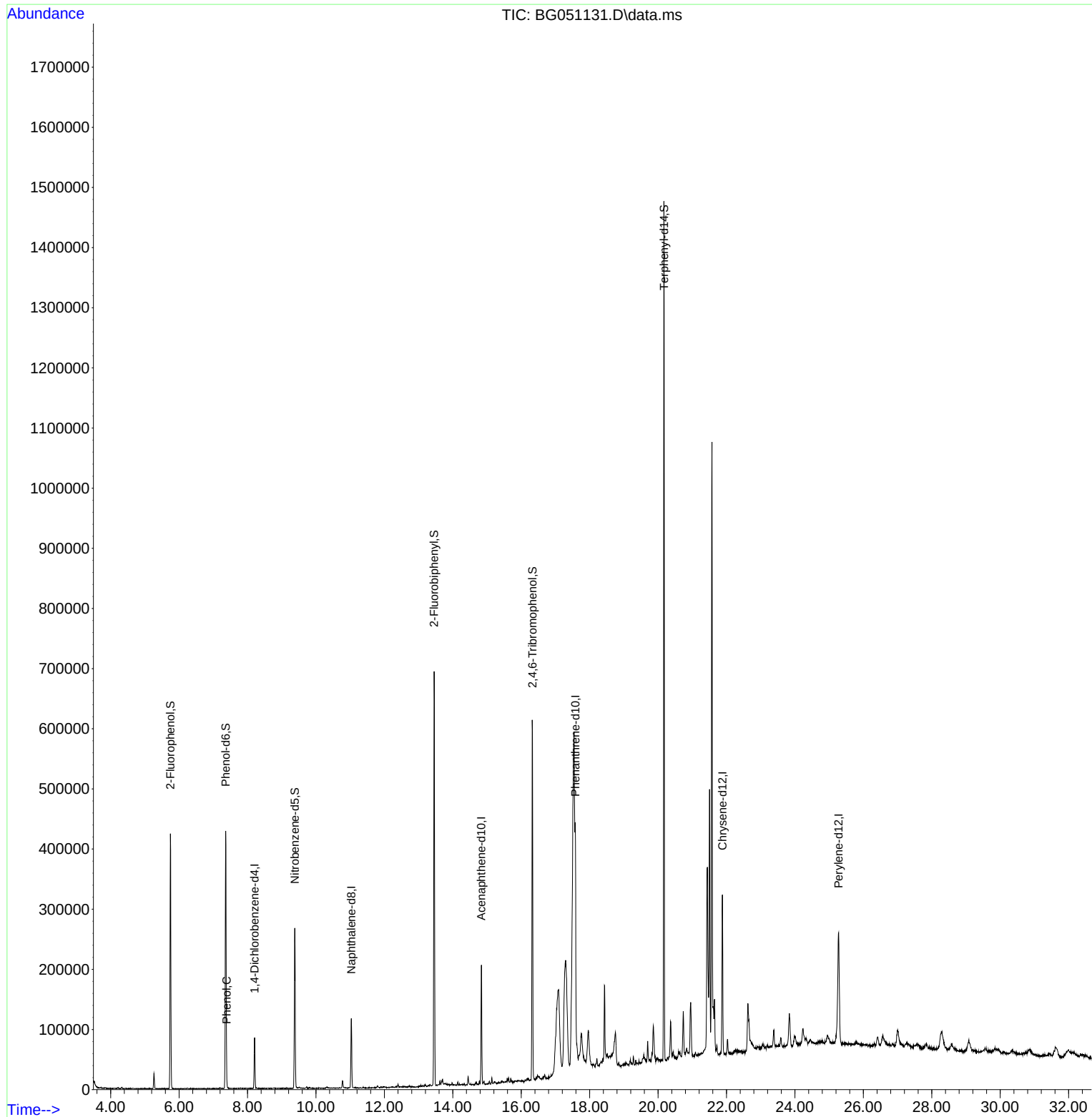
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	23553	20.000	ng	# 0.00
21) Naphthalene-d8	11.034	136	97013	20.000	ng	# 0.00
39) Acenaphthene-d10	14.835	164	69006	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	155958	20.000	ng	# 0.00
76) Chrysene-d12	21.880	240	159421	20.000	ng	# 0.00
86) Perylene-d12	25.276	264	161377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	183765	120.610	ng	0.00
7) Phenol-d6	7.362	99	247845	115.494	ng	0.00
23) Nitrobenzene-d5	9.383	82	174590	82.152	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	100996	137.701	ng	0.00
45) 2-Fluorobiphenyl	13.454	172	352677	77.121	ng	0.00
79) Terphenyl-d14	20.170	244	642961	73.729	ng	0.00
Target Compounds						
10) Phenol	7.391	94	4722	2.144	ng	Qvalue 99

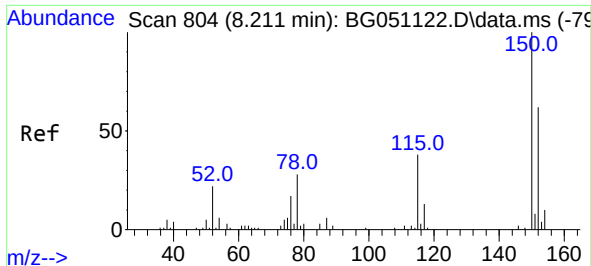
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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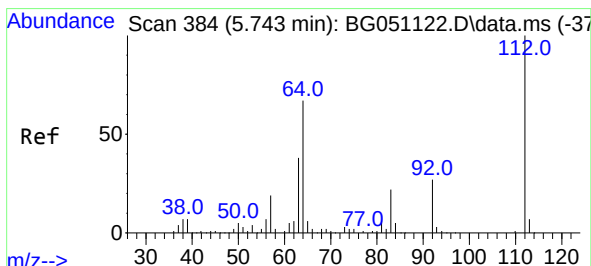
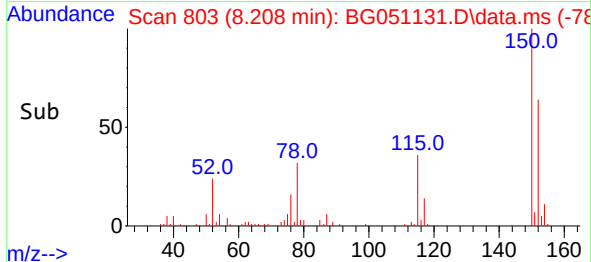
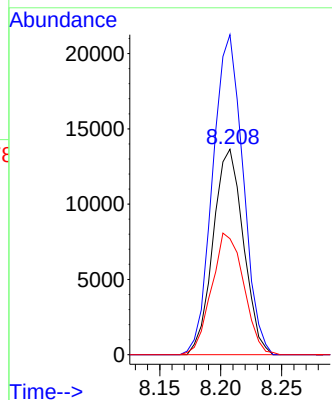
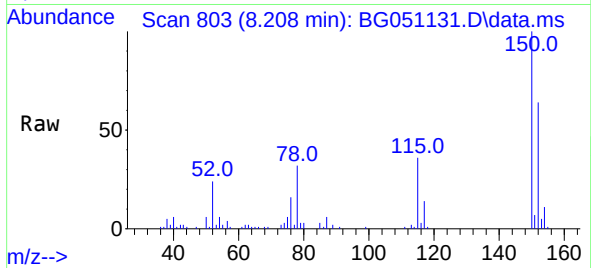




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

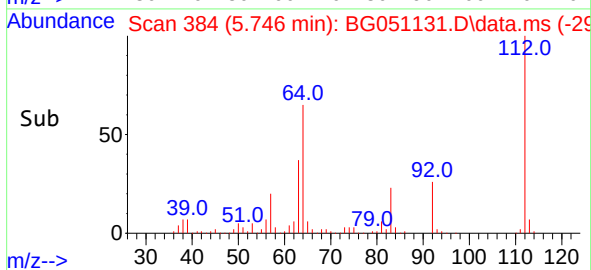
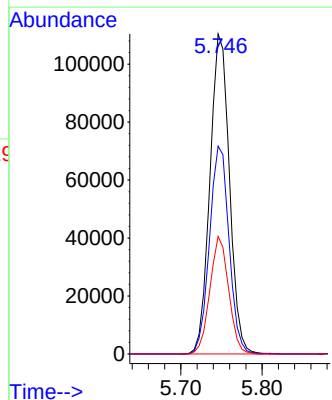
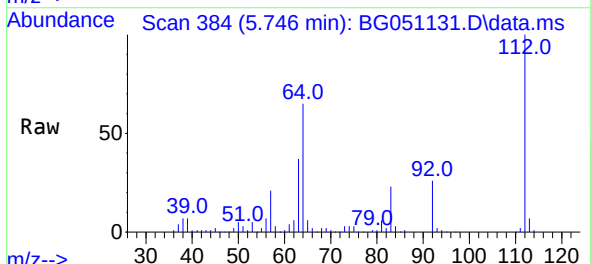
Instrument :
BNA_G
ClientSampleId :
TP7

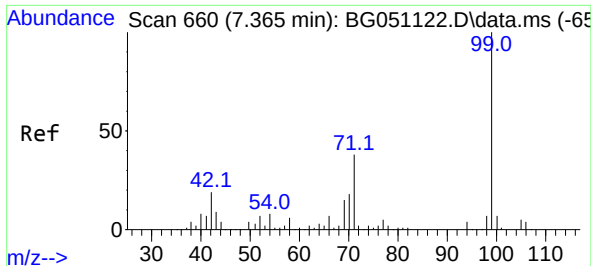
Tgt Ion:152 Resp: 23553
Ion Ratio Lower Upper
152 100
150 155.8 119.4 179.0
115 56.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 120.610 ng
RT: 5.746 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:112 Resp: 183765
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 36.7 35.3 52.9

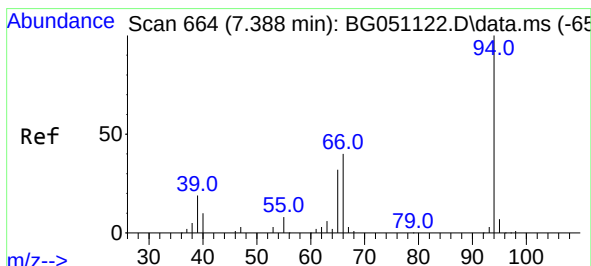
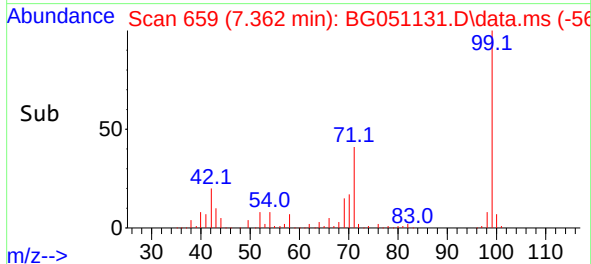
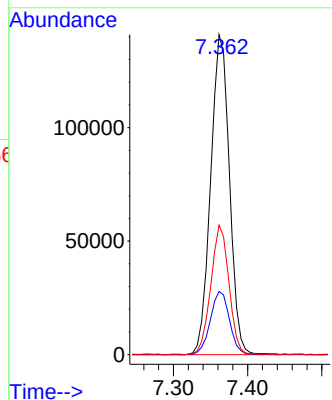
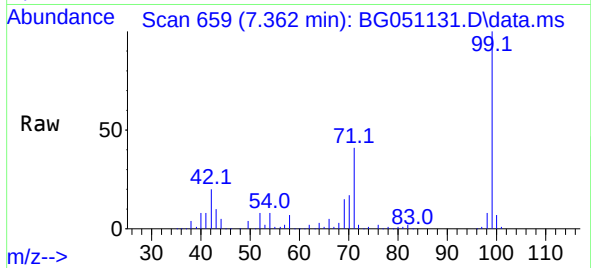




#7
Phenol-d6
Concen: 115.494 ng
RT: 7.362 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

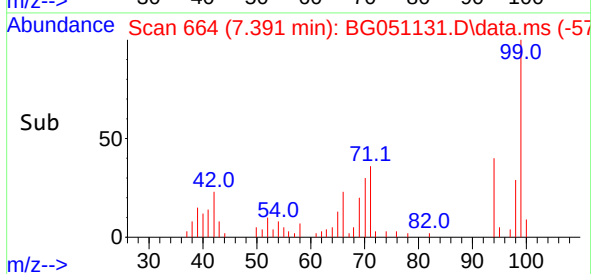
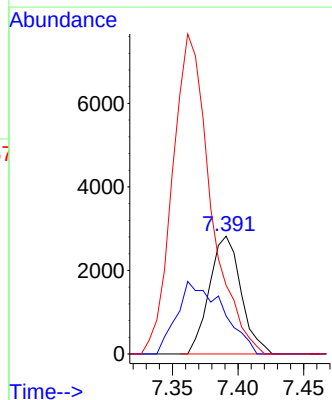
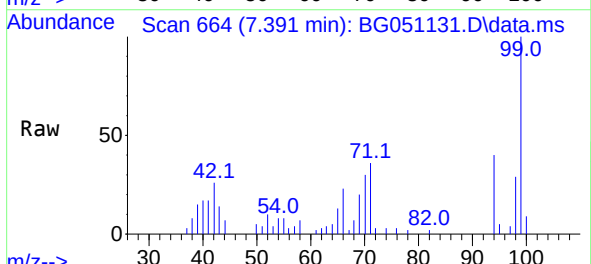
Instrument :
BNA_G
ClientSampleId :
TP7

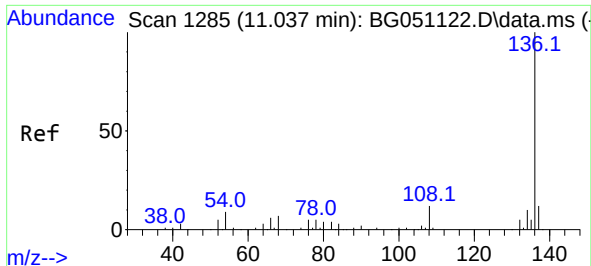
Tgt Ion: 99 Resp: 247845
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 40.5 41.5 62.3#



#10
Phenol
Concen: 2.144 ng
RT: 7.391 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion: 94 Resp: 4722
Ion Ratio Lower Upper
94 100
65 32.2 12.9 52.9
66 58.3 39.4 79.4

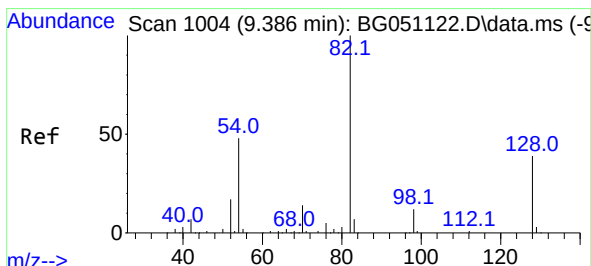
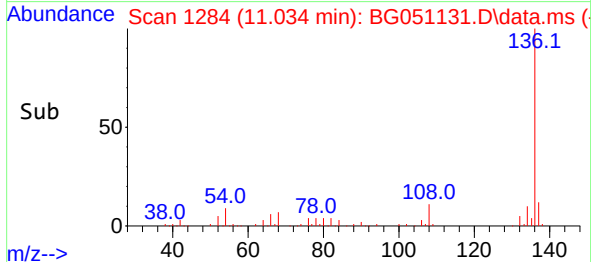
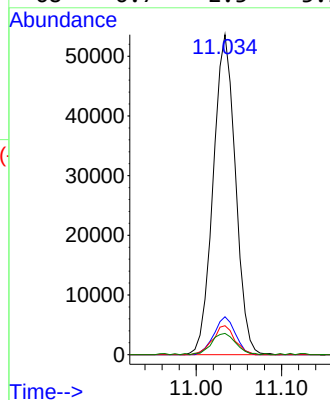
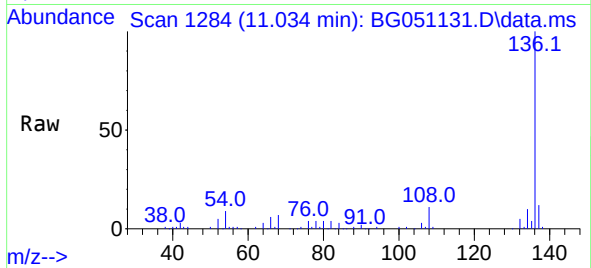




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

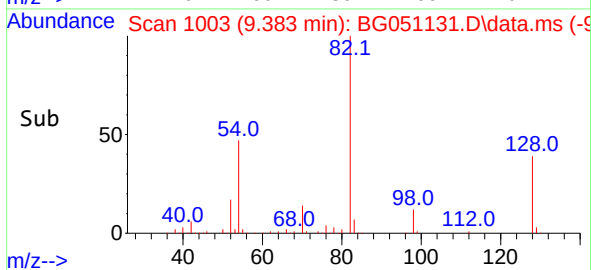
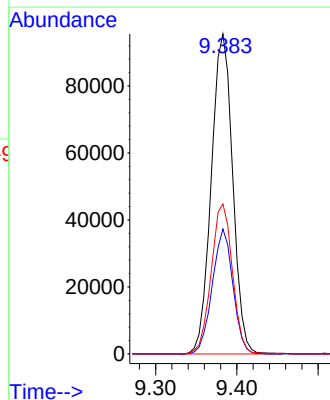
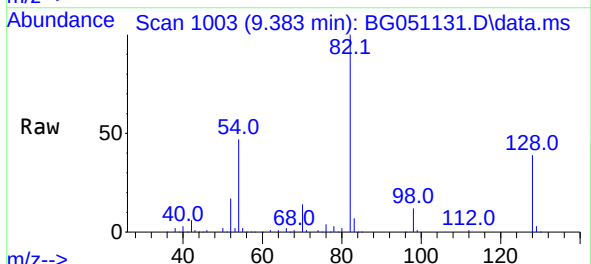
Instrument :
BNA_G
ClientSampleId :
TP7

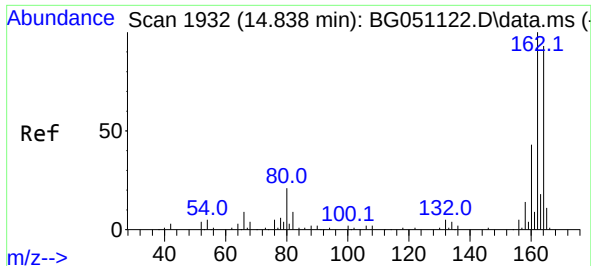
Tgt Ion:136	Resp:	97013
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.2 12.2
54	9.1	5.5 8.3#
68	6.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 82.152 ng
RT: 9.383 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion: 82	Resp:	174590
Ion	Ratio	Lower Upper
82	100	
128	39.1	29.8 44.6
54	46.9	45.8 68.8

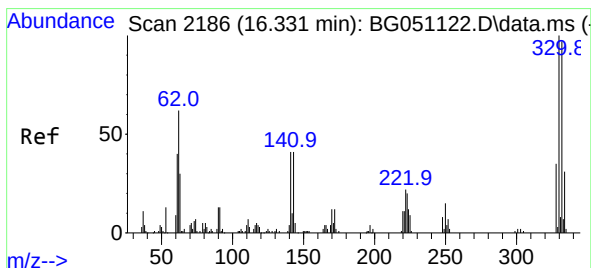
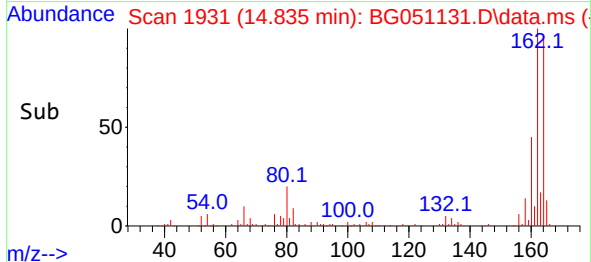
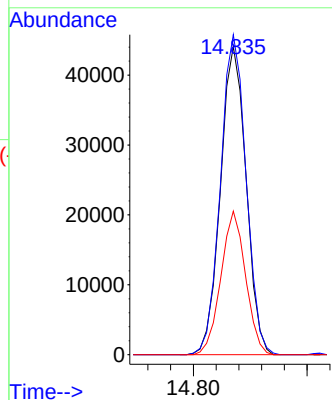
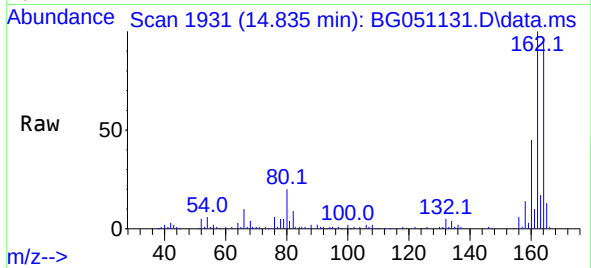




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.835 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

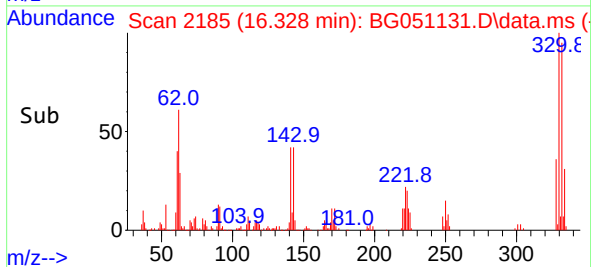
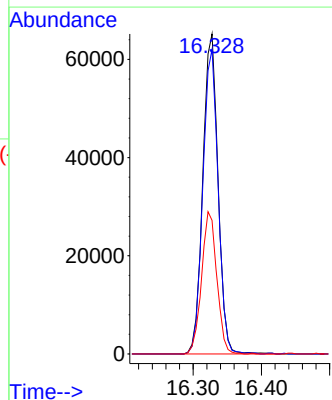
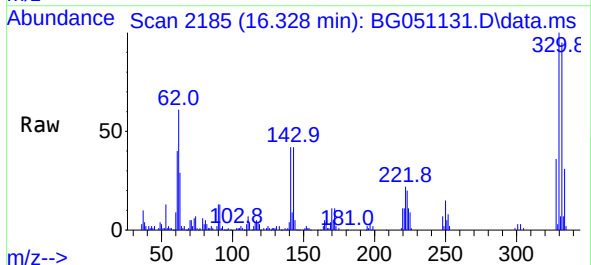
Instrument :
BNA_G
ClientSampleId :
TP7

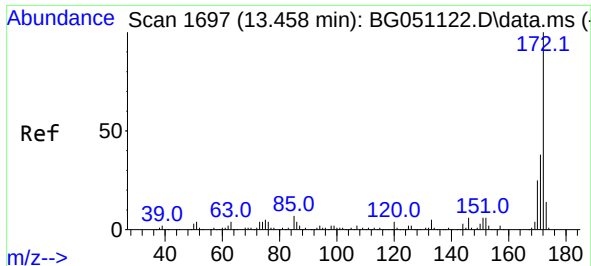
Tgt Ion:164 Resp: 69006
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 46.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.701 ng
RT: 16.328 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:330 Resp: 100996
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 44.6 35.6 53.4





#45

2-Fluorobiphenyl

Concen: 77.121 ng

RT: 13.454 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG051131.D

Acq: 19 Nov 2021 20:43

Instrument :

BNA_G

ClientSampleId :

TP7

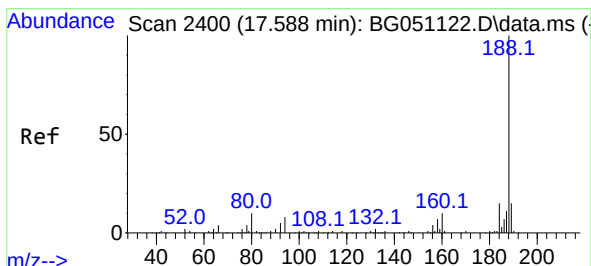
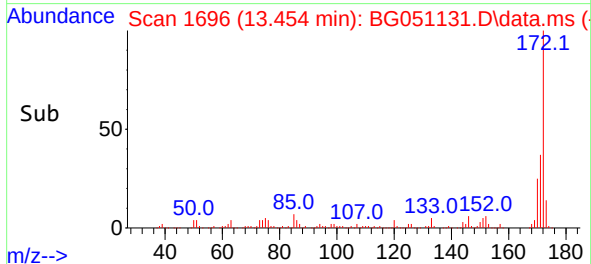
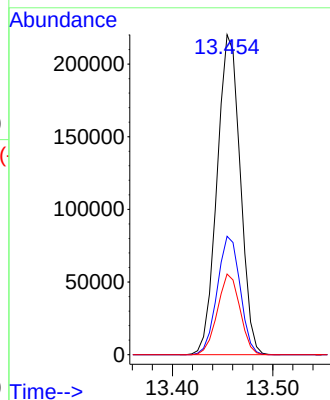
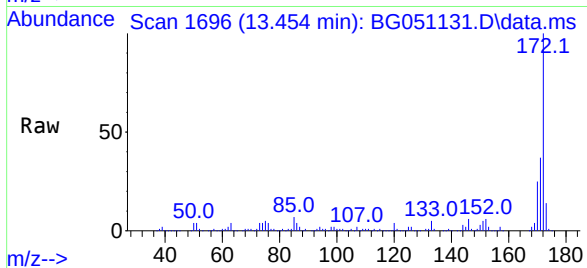
Tgt Ion:172 Resp: 352677

Ion Ratio Lower Upper

172 100

171 37.0 28.6 43.0

170 25.2 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.585 min Scan# 2399

Delta R.T. -0.003 min

Lab File: BG051131.D

Acq: 19 Nov 2021 20:43

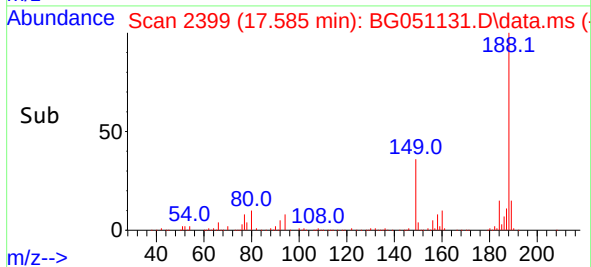
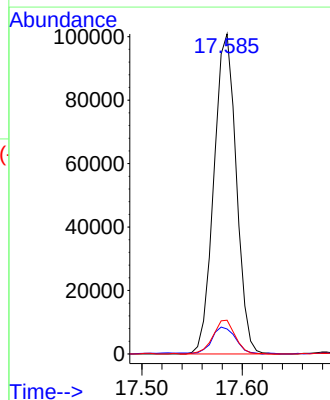
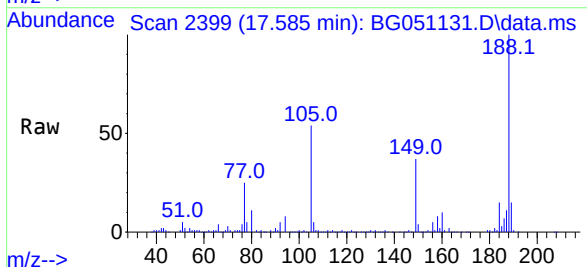
Tgt Ion:188 Resp: 155958

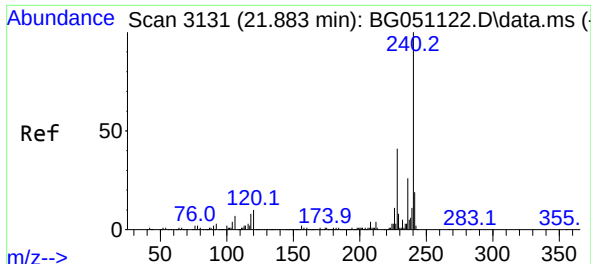
Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.0

80 10.6 3.7 5.5#

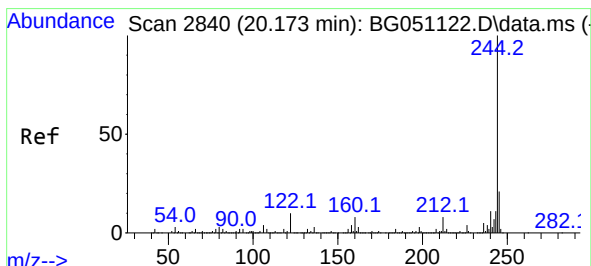
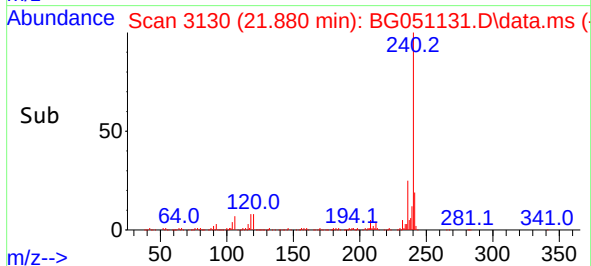
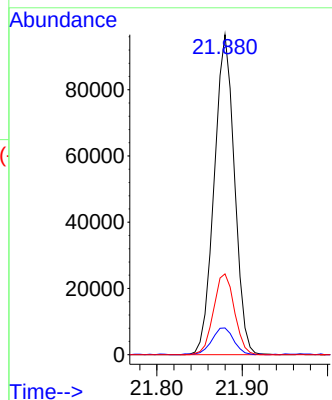
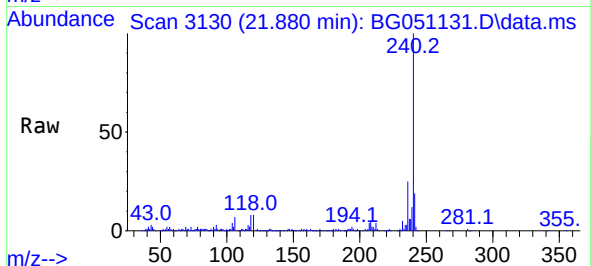




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.880 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

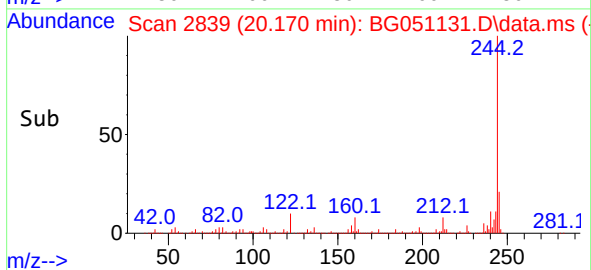
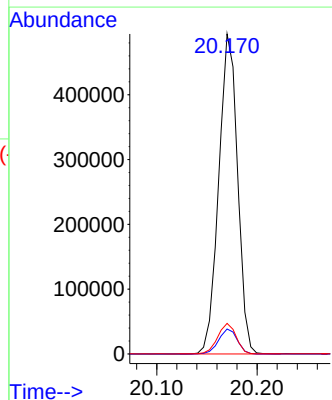
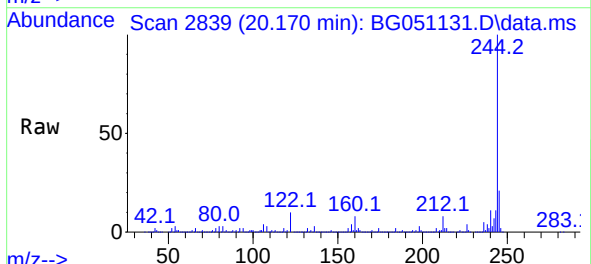
Instrument :
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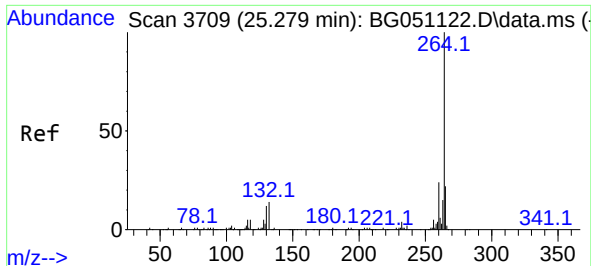
Tgt Ion:240 Resp: 159421
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.2 21.8 32.6



#79
Terphenyl-d14
Concen: 73.729 ng
RT: 20.170 min Scan# 2839
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:244 Resp: 642961
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 9.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.276 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Instrument :
BNA_G
ClientSampleId :
TP7

Tgt Ion:264 Resp: 161377
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.9 16.9 25.3

