

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051127.D
 Acq On : 19 Nov 2021 17:54
 Operator : CG/JU
 Sample : PB140838BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140838BL

Quant Time: Nov 20 03:37:13 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)

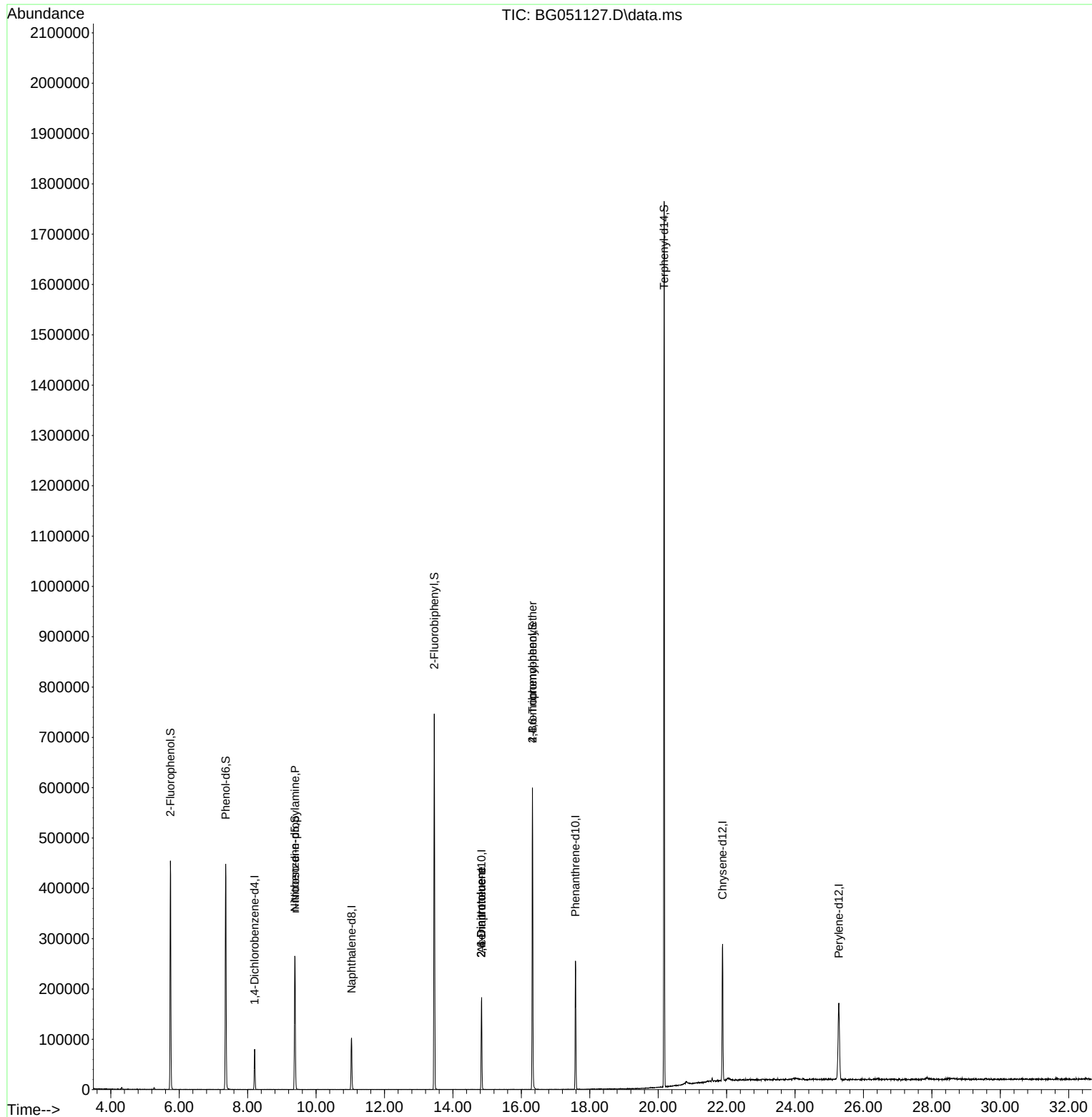
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	22300	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	92487	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	67205	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	164162	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	172562	20.000	ng	# 0.00
86) Perylene-d12	25.279	264	169195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	200047	138.673	ng	0.00
7) Phenol-d6	7.359	99	264713	130.285	ng	0.00
23) Nitrobenzene-d5	9.380	82	178805	88.252	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	100548	140.764	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	392254	88.074	ng	0.00
79) Terphenyl-d14	20.173	244	817782	86.635	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.386	70	24318	16.215	ng	# 68
51) 2,6-Dinitrotoluene	14.833	165	8403	7.770	ng	# 10
57) 2,4-Dinitrotoluene	14.833	165	8403	5.425	ng	# 15
67) 4-Bromophenyl-phenylether	16.325	248	7646	4.306	ng	# 1

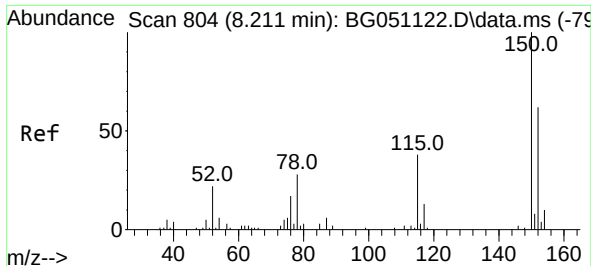
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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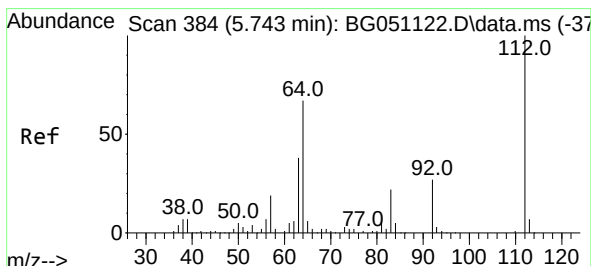
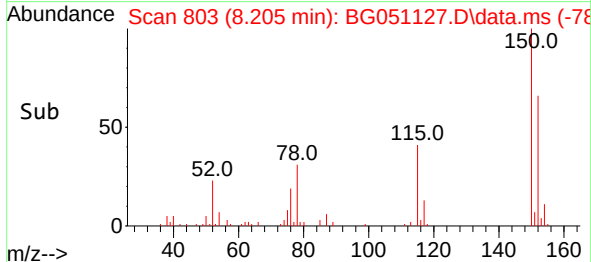
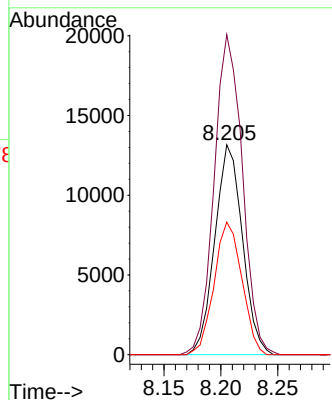
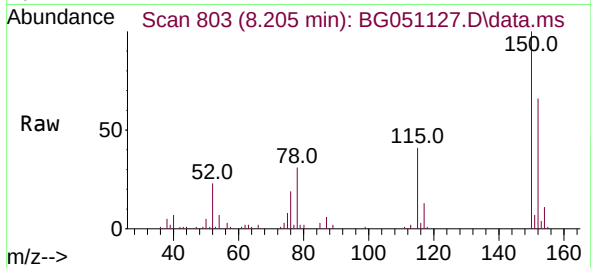




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

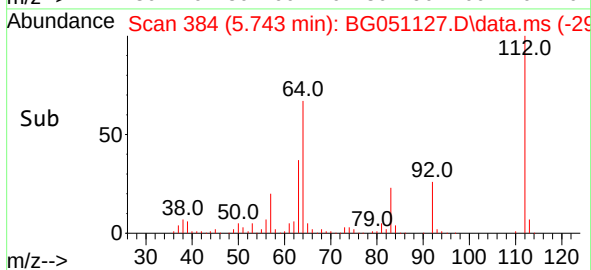
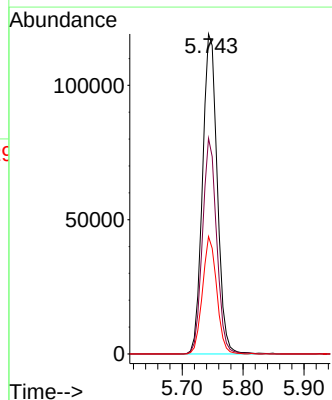
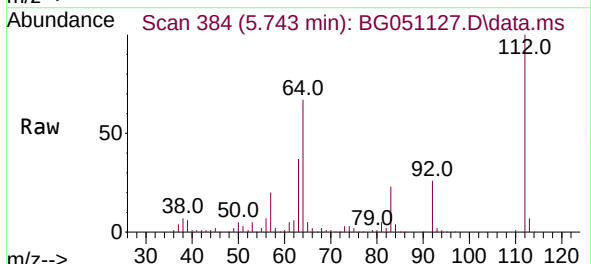
Instrument :
BNA_G
ClientSampleId :
PB140838BL

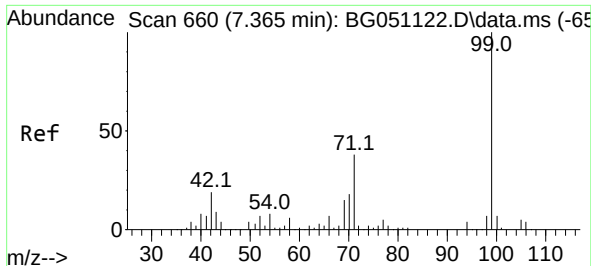
Tgt Ion:152 Resp: 22300
Ion Ratio Lower Upper
152 100
150 152.4 119.4 179.0
115 63.2 60.2 90.4



#5
2-Fluorophenol
Concen: 138.673 ng
RT: 5.743 min Scan# 384
Delta R.T. 0.000 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

Tgt Ion:112 Resp: 200047
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 36.7 35.3 52.9

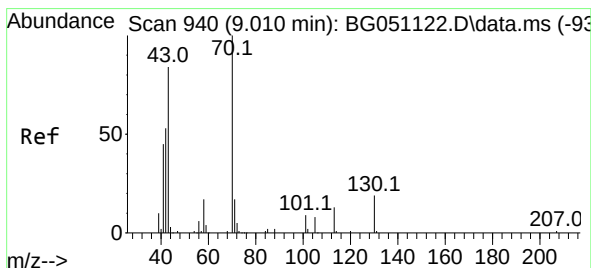
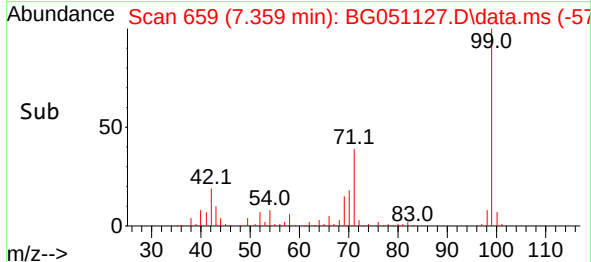
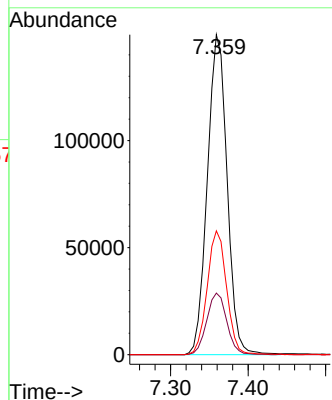
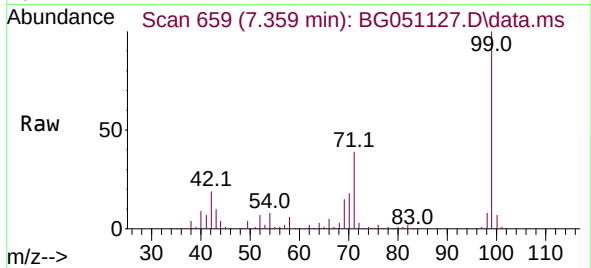




#7
Phenol-d6
Concen: 130.285 ng
RT: 7.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

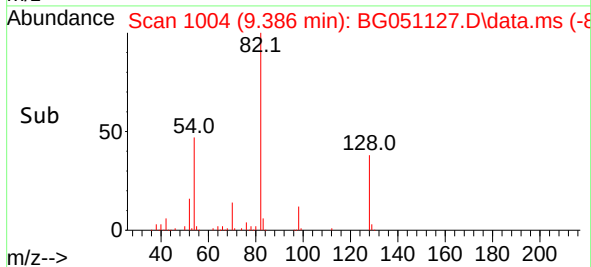
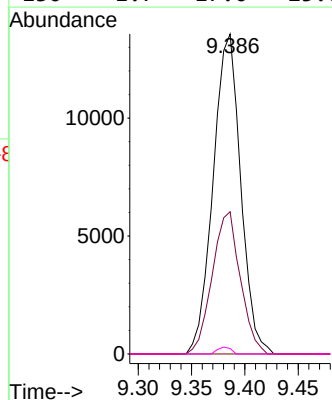
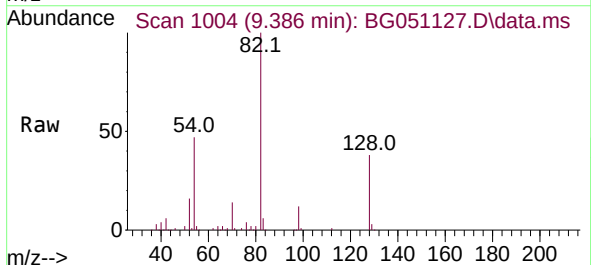
Instrument :
BNA_G
ClientSampleId :
PB140838BL

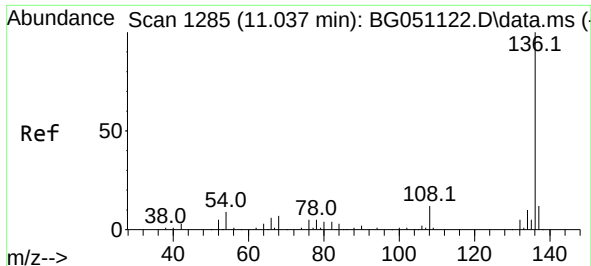
Tgt Ion: 99 Resp: 264713
Ion Ratio Lower Upper
99 100
42 19.3 20.5 30.7#
71 38.7 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.215 ng
RT: 9.386 min Scan# 1004
Delta R.T. 0.376 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

Tgt Ion: 70 Resp: 24318
Ion Ratio Lower Upper
70 100
42 44.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

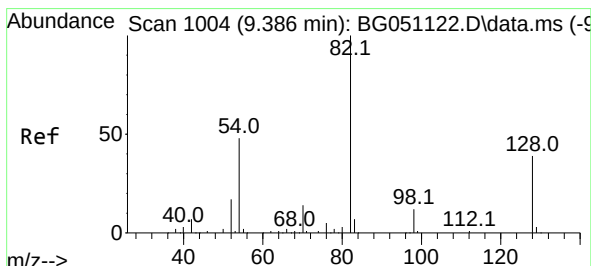
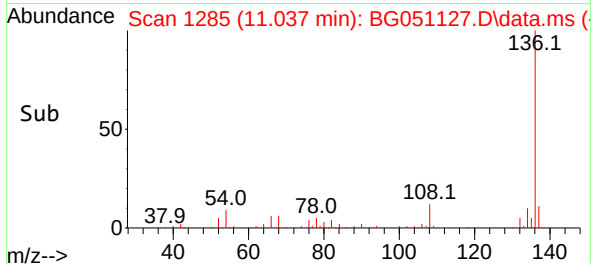
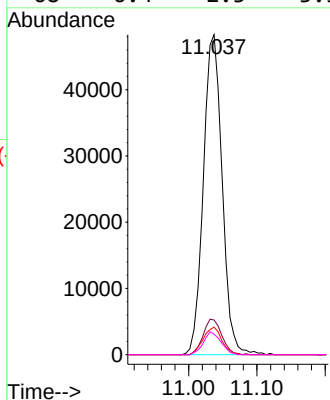
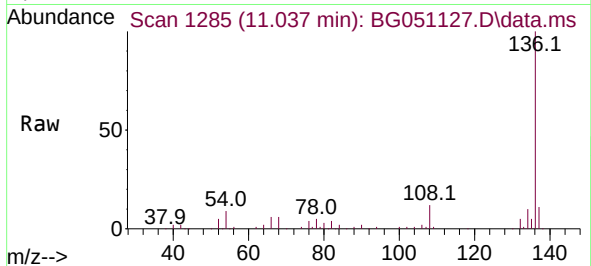




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

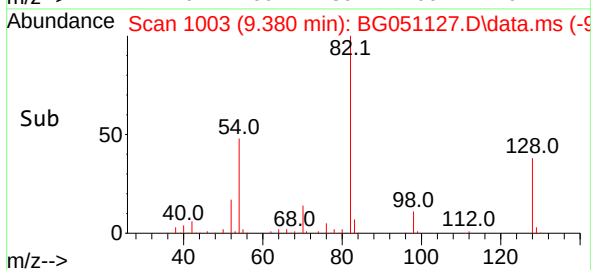
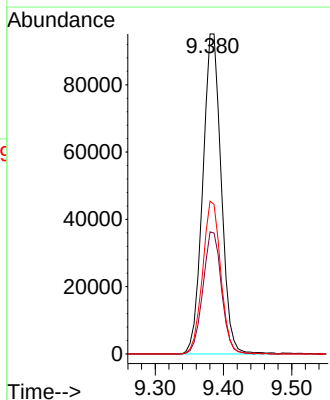
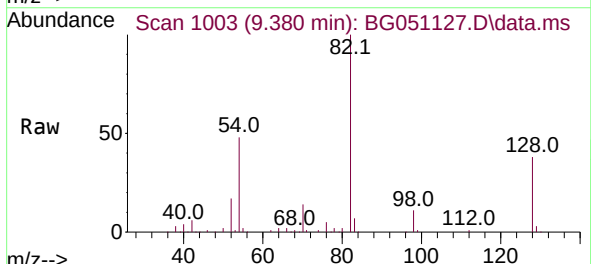
Instrument :
BNA_G
ClientSampleId :
PB140838BL

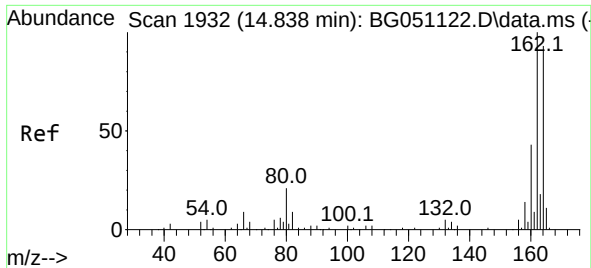
Tgt Ion:	136	Resp:	92487
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	8.6	5.5	8.3#
68	6.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 88.252 ng
RT: 9.380 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

Tgt Ion:	82	Resp:	178805
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.8	44.6
54	47.7	45.8	68.8

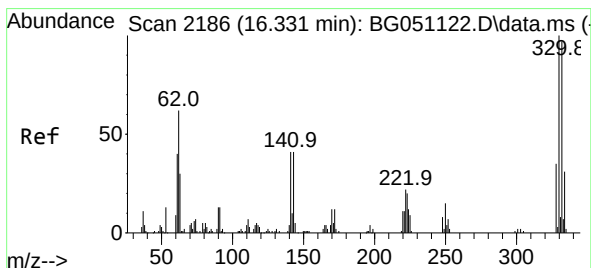
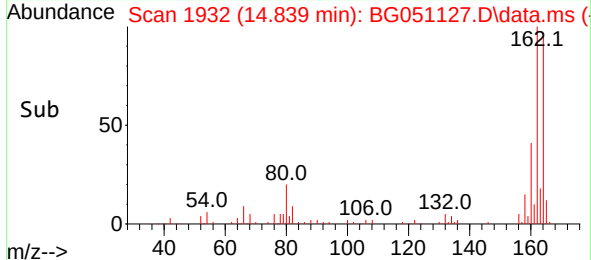
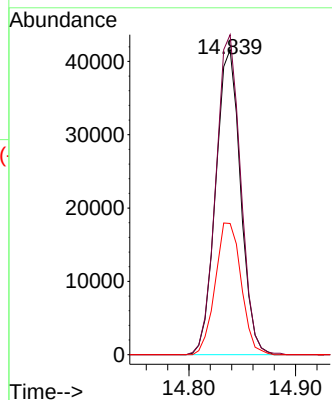
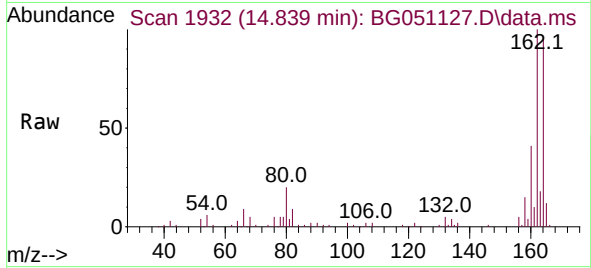




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 1932
Delta R.T. 0.001 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

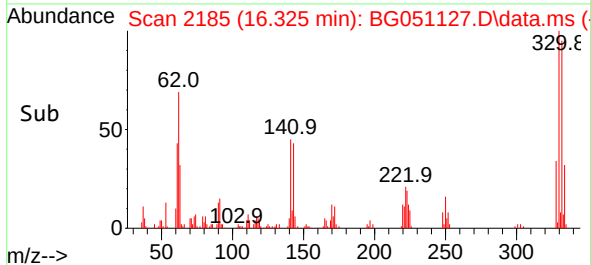
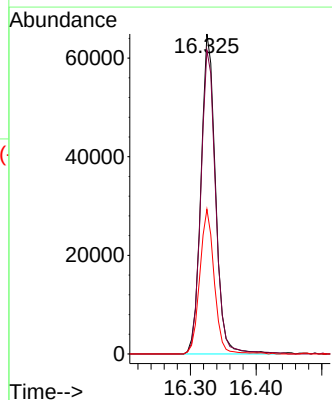
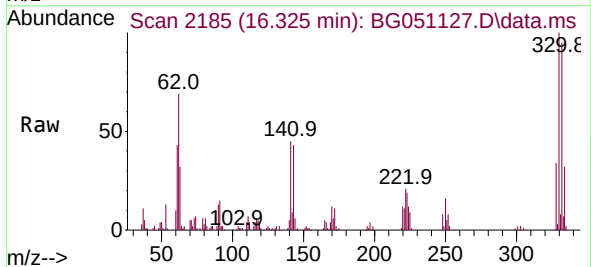
Instrument :
BNA_G
ClientSampleId :
PB140838BL

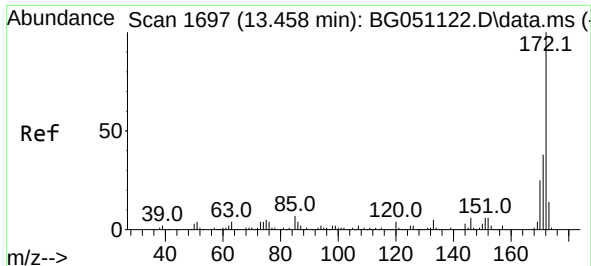
Tgt Ion:164 Resp: 67205
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 43.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 140.764 ng
RT: 16.325 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

Tgt Ion:330 Resp: 100548
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 44.8 35.6 53.4

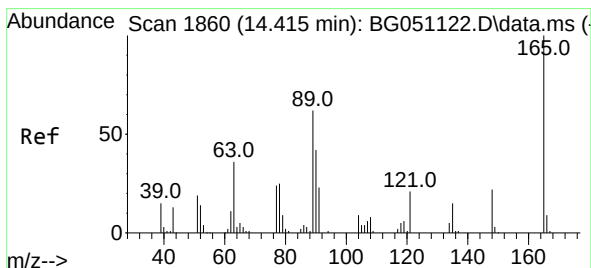
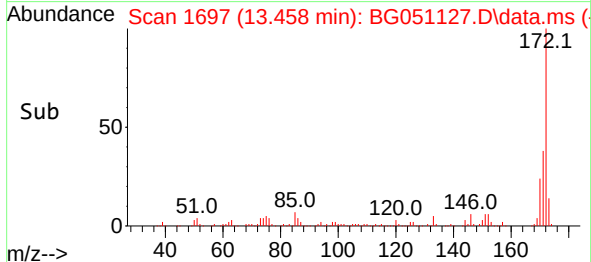
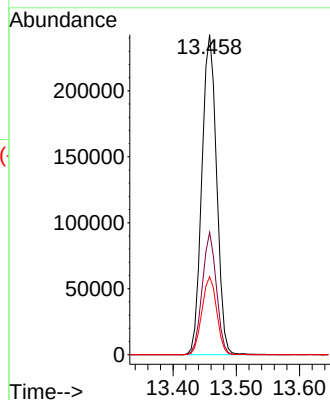
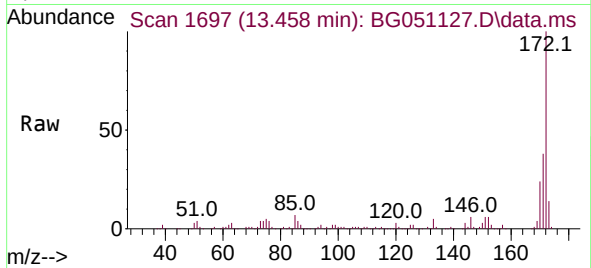




#45
2-Fluorobiphenyl
Concen: 88.074 ng
RT: 13.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

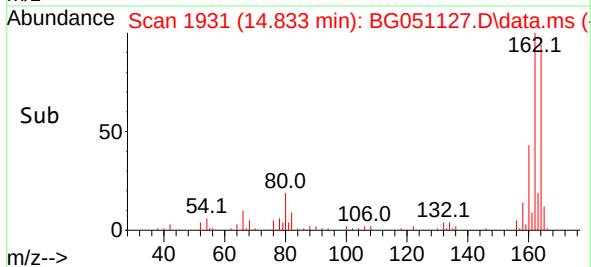
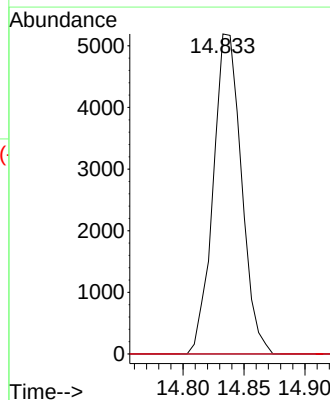
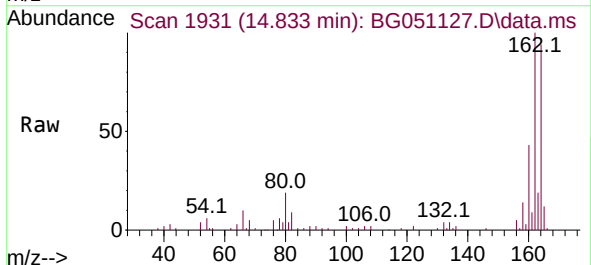
Instrument :
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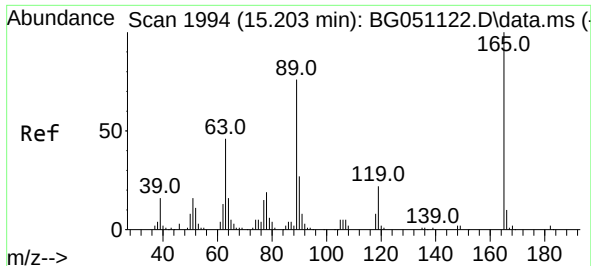
Tgt Ion:172 Resp: 392254
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.770 ng
RT: 14.833 min Scan# 1931
Delta R.T. 0.417 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

Tgt Ion:165 Resp: 8403
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.425 ng

RT: 14.833 min Scan# 1994

Delta R.T. -0.370 min

Lab File: BG051127.D

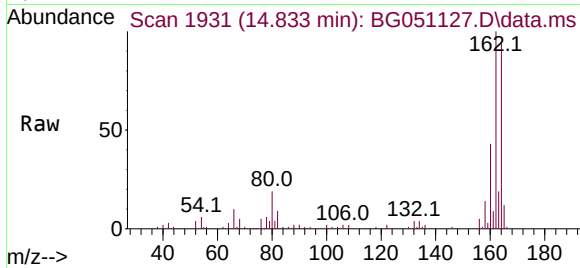
Acq: 19 Nov 2021 17:54

Instrument :

BNA_G

ClientSampleId :

PB140838BL



Tgt Ion:165 Resp: 8403

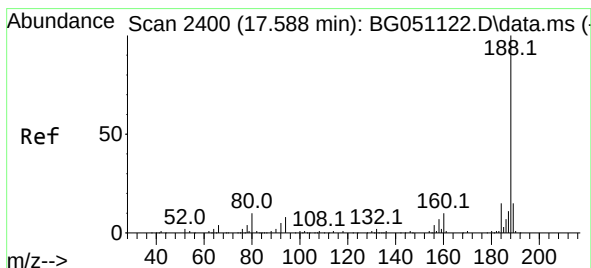
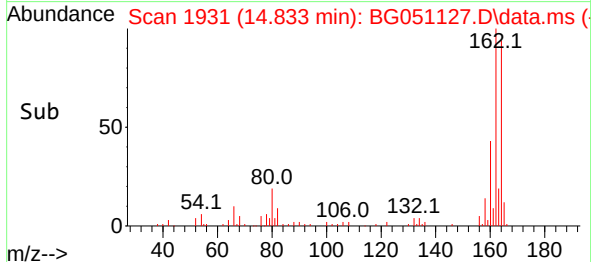
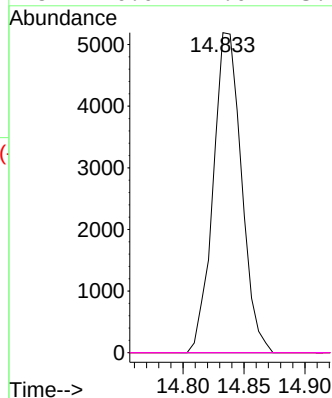
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.582 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BG051127.D

Acq: 19 Nov 2021 17:54

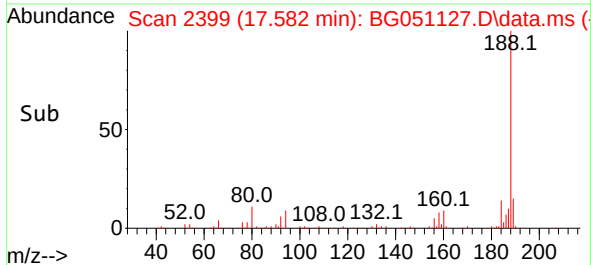
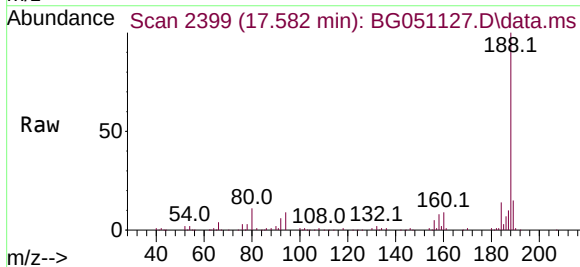
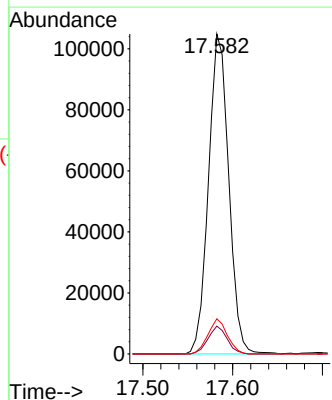
Tgt Ion:188 Resp: 164162

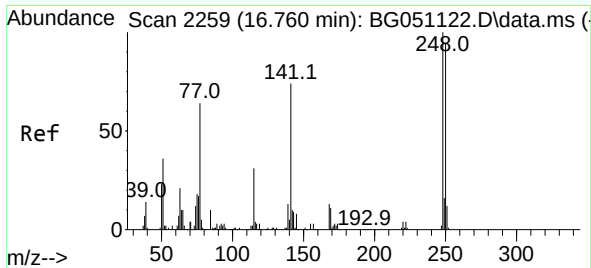
Ion Ratio Lower Upper

188 100

94 8.7 5.4 8.0#

80 11.0 3.7 5.5#

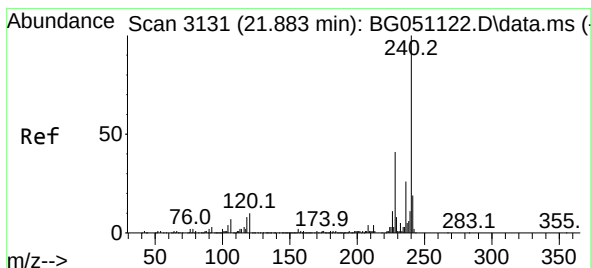
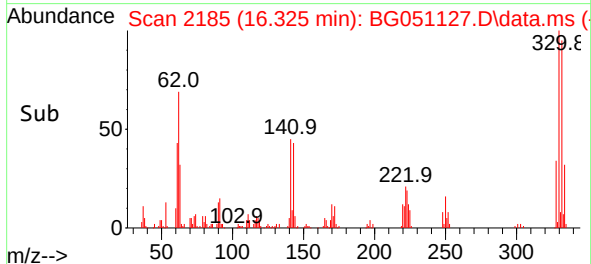
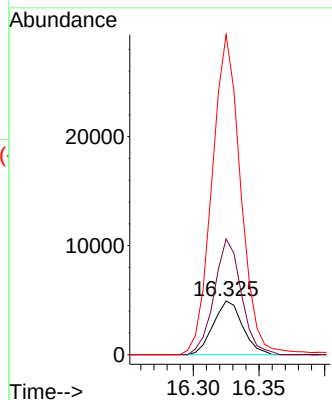
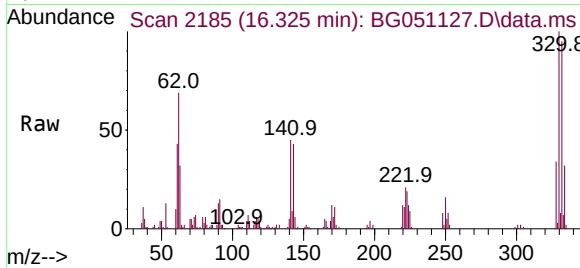




#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 16.325 min Scan# 2185
Delta R.T. -0.435 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

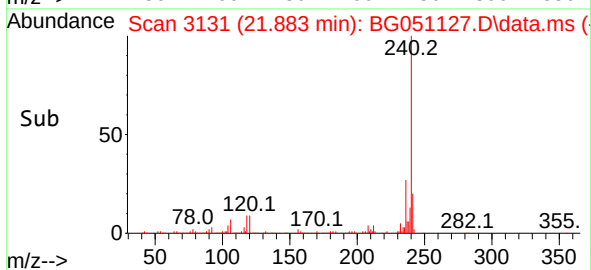
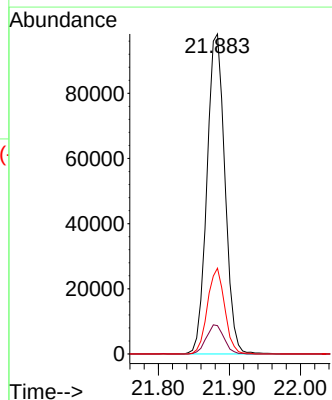
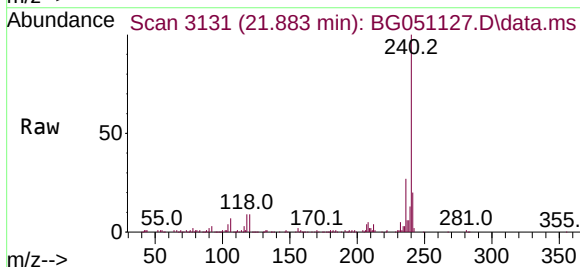
Instrument :
BNA_G
ClientSampleId :
PB140838BL

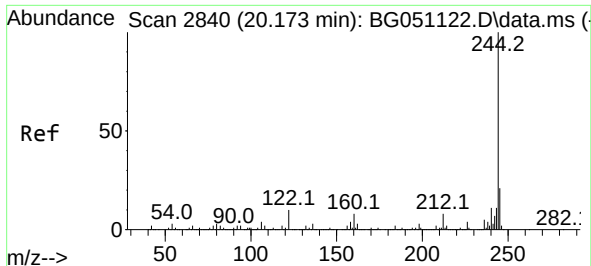
Tgt Ion:248 Resp: 7646
Ion Ratio Lower Upper
248 100
250 214.8 76.1 114.1#
141 594.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG051127.D
Acq: 19 Nov 2021 17:54

Tgt Ion:240 Resp: 172562
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 26.8 21.8 32.6

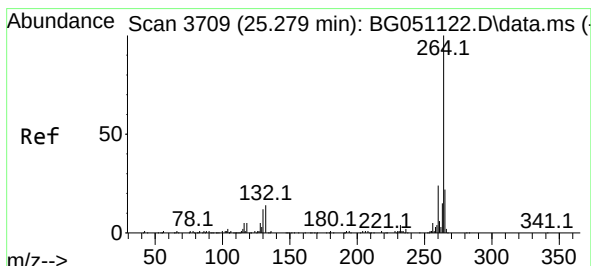
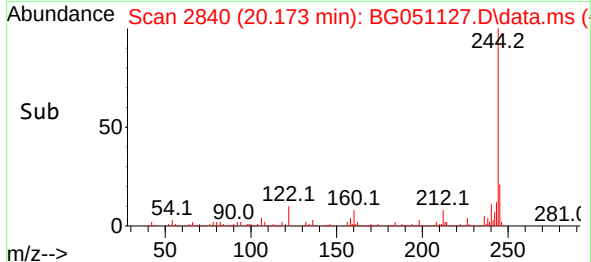
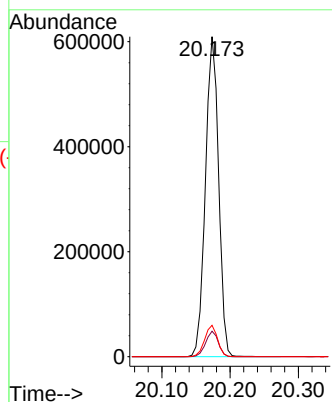
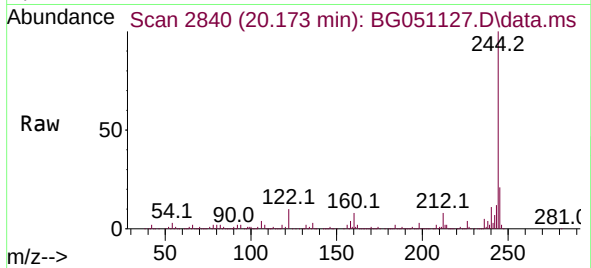




#79
 Terphenyl-d14
 Concen: 86.635 ng
 RT: 20.173 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG051127.D
 Acq: 19 Nov 2021 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB140838BL

Tgt Ion:244 Resp: 817782
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 9.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.279 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: BG051127.D
 Acq: 19 Nov 2021 17:54

Tgt Ion:264 Resp: 169195
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.3 16.9 25.3

