

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050518.D
 Acq On : 8 Oct 2021 21:02
 Operator : CG/JU
 Sample : M4117-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(6.5-7.0)

Quant Time: Oct 09 01:27:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

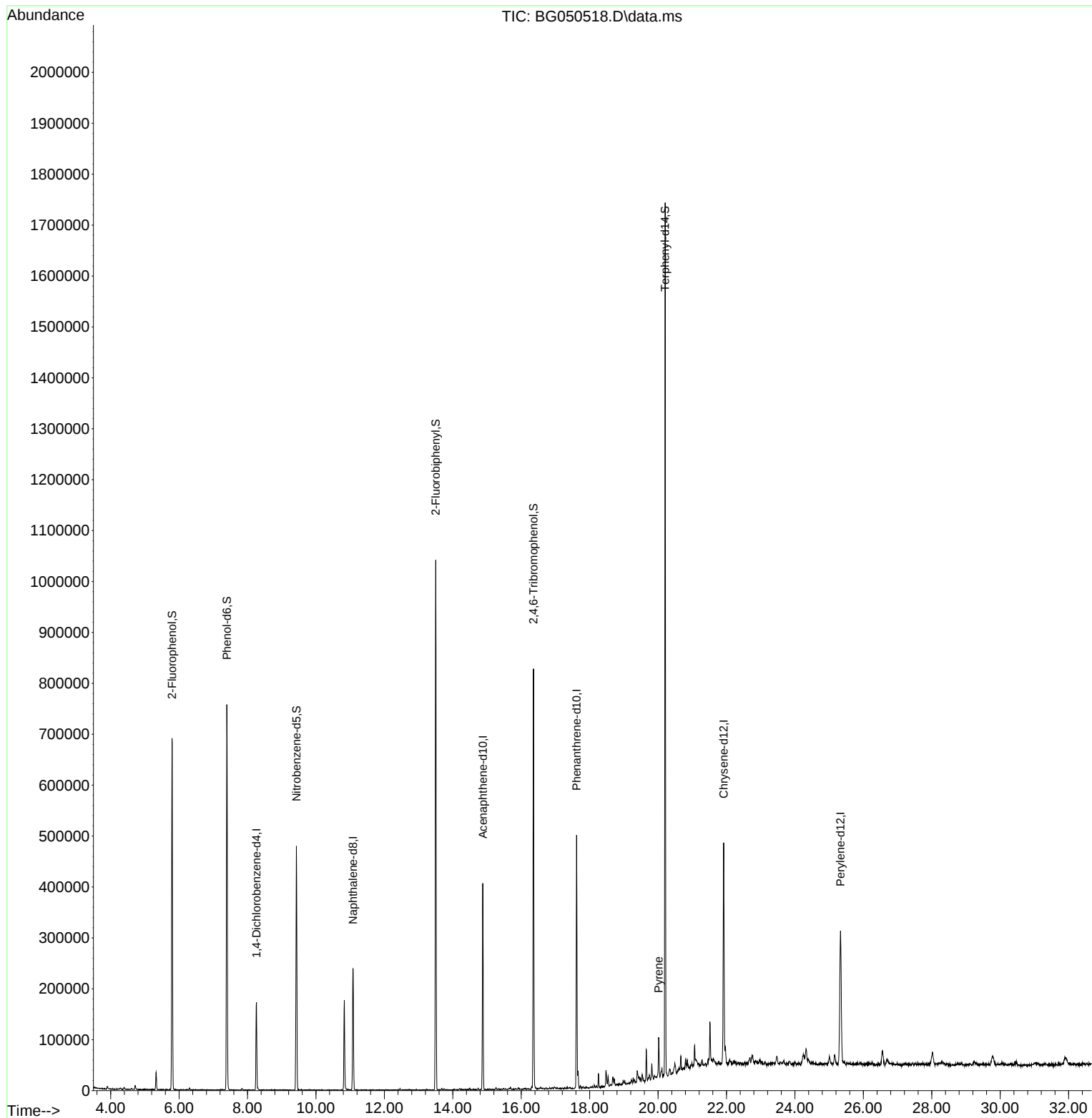
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	46025	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	195552	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	136875	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	291990	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	261501	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	256983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	288516	93.750	ng	0.00
7) Phenol-d6	7.397	99	413738	92.857	ng	0.00
23) Nitrobenzene-d5	9.430	82	300959	63.709	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	115506	88.473	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	517436	56.896	ng	0.00
79) Terphenyl-d14	20.206	244	749900	55.886	ng	0.00
Target Compounds						
78) Pyrene	20.018	202	50264	2.709	ng	Qvalue 98

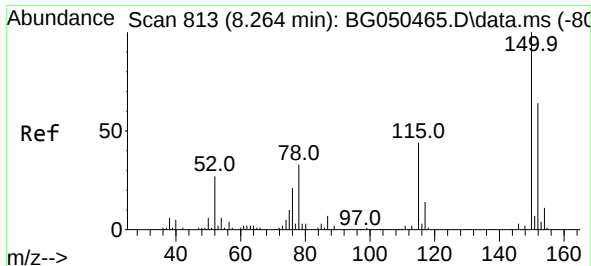
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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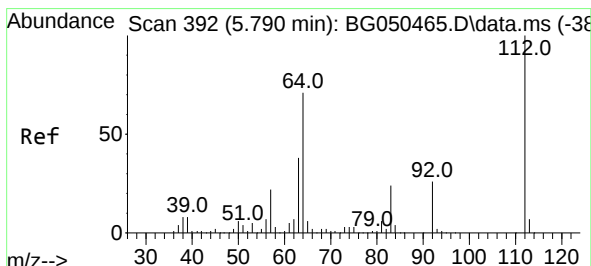
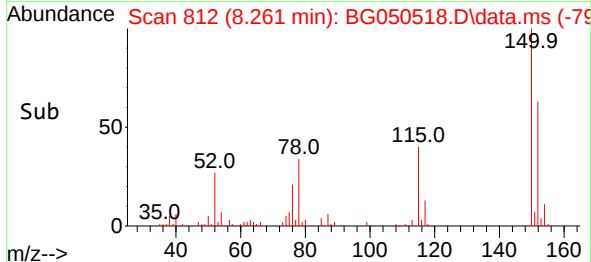
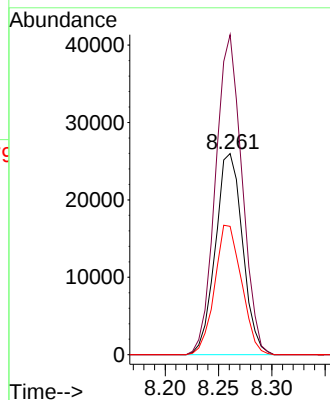
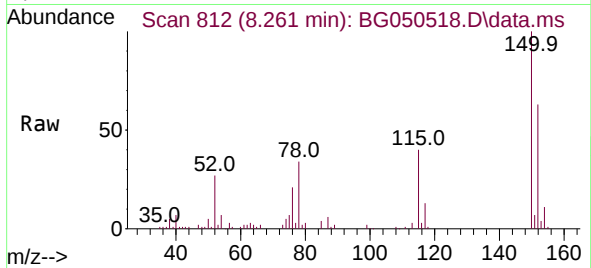




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

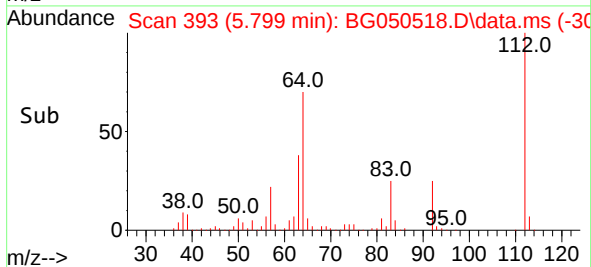
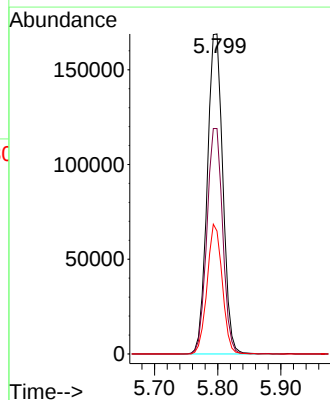
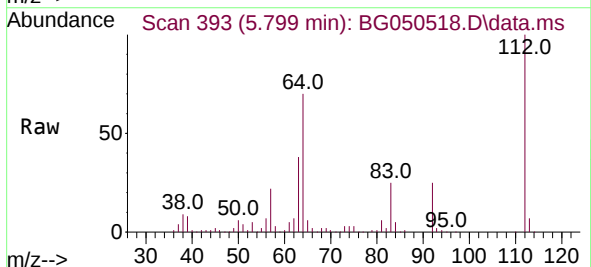
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

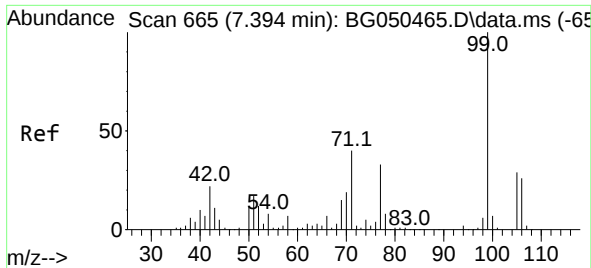
Tgt Ion:152 Resp: 46025
Ion Ratio Lower Upper
152 100
150 159.1 119.4 179.0
115 63.8 60.2 90.4



#5
2-Fluorophenol
Concen: 93.750 ng
RT: 5.799 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:112 Resp: 288516
Ion Ratio Lower Upper
112 100
64 70.5 46.7 70.1#
63 38.4 35.3 52.9

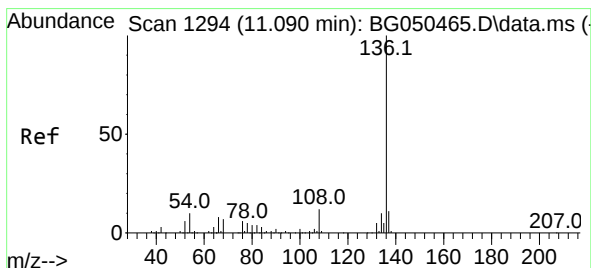
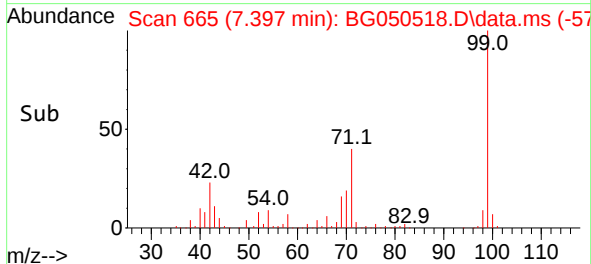
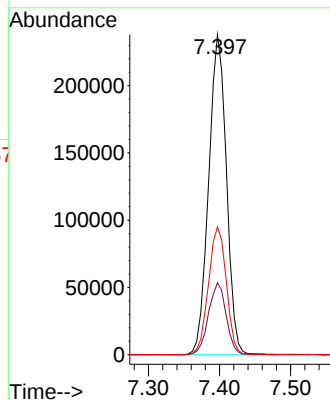
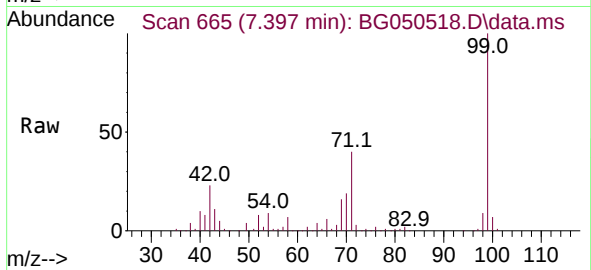




#7
Phenol-d6
Concen: 92.857 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

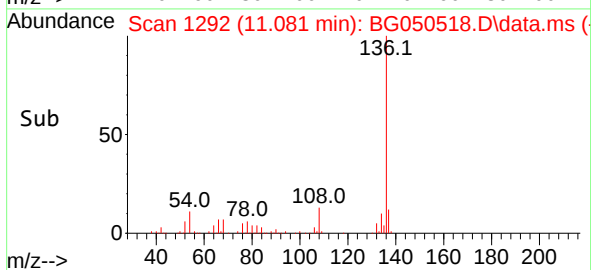
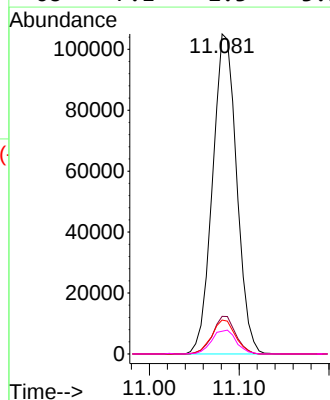
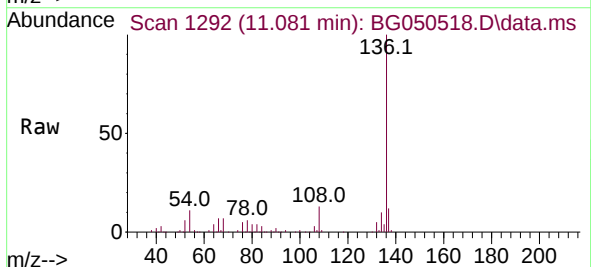
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

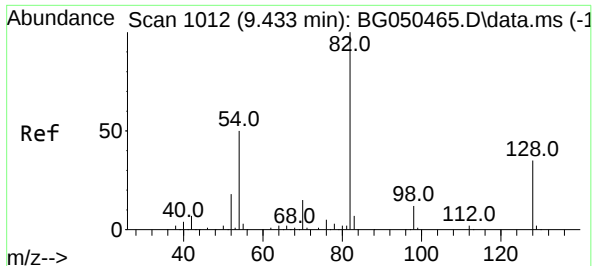
Tgt Ion: 99 Resp: 413738
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 39.9 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.009 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:136 Resp: 195552
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 10.6 5.5 8.3#
68 7.1 2.3 3.5#

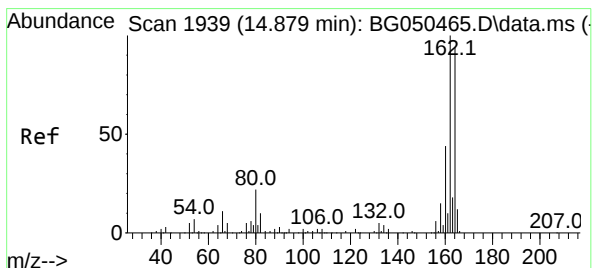
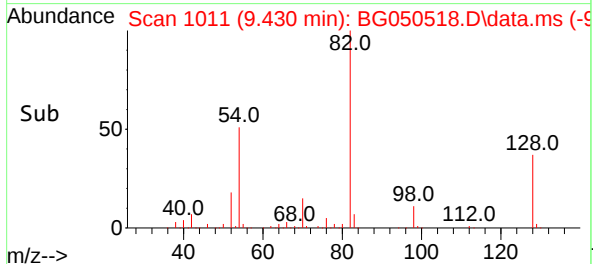
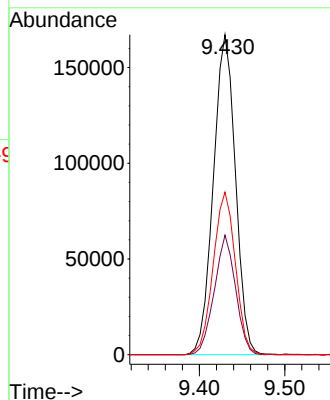
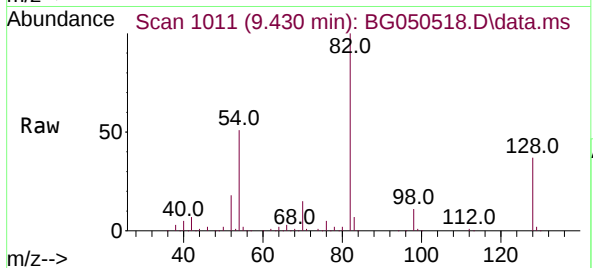




#23
Nitrobenzene-d5
Concen: 63.709 ng
RT: 9.430 min Scan# 1011
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

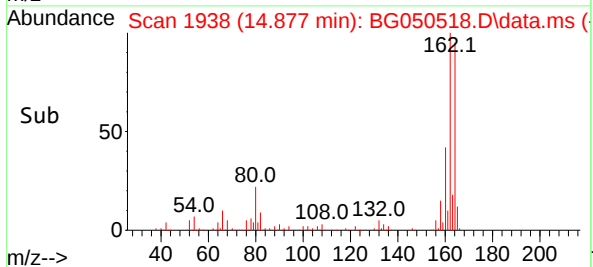
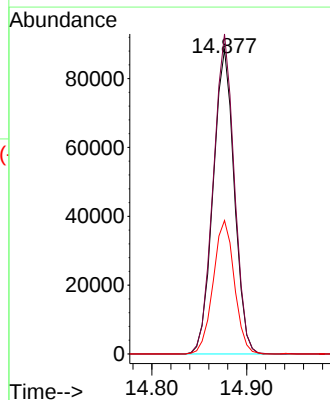
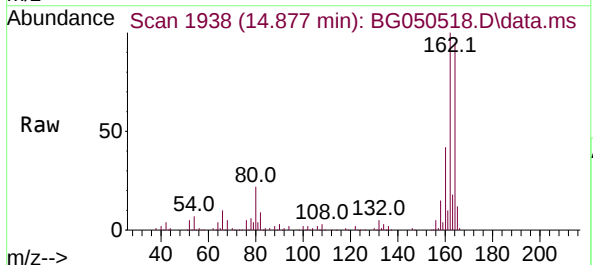
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

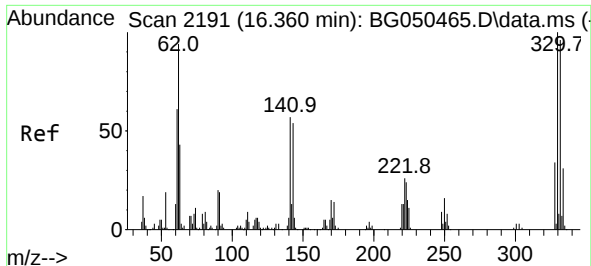
Tgt Ion: 82 Resp: 300959
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 50.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:164 Resp: 136875
Ion Ratio Lower Upper
164 100
162 105.1 81.4 122.0
160 43.8 34.9 52.3

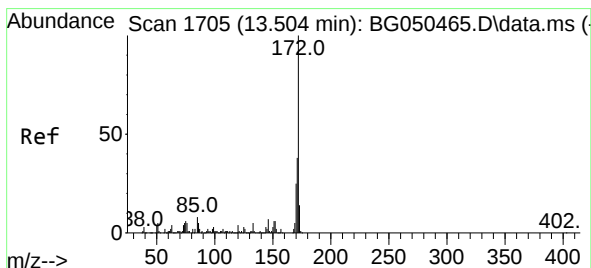
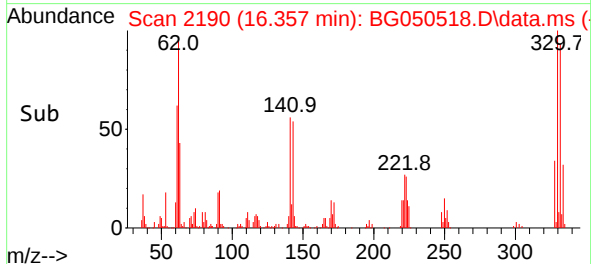
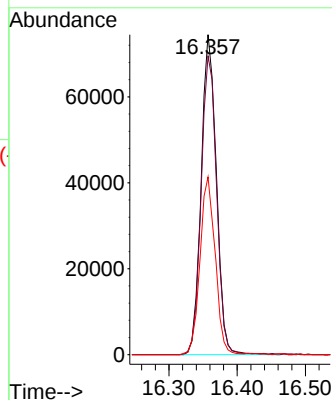
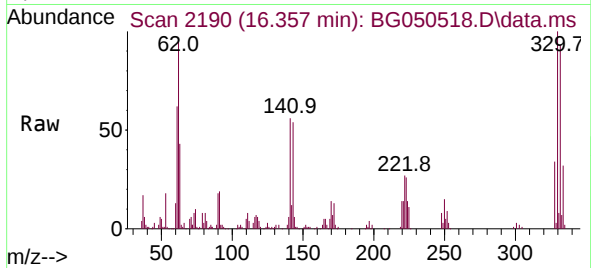




#42
2,4,6-Tribromophenol
Concen: 88.473 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

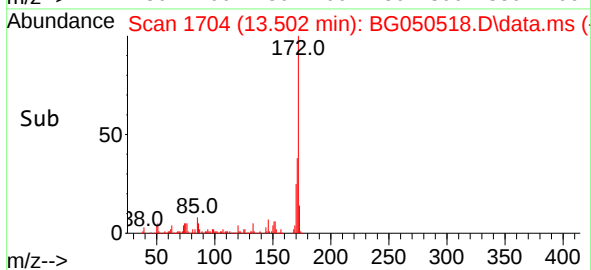
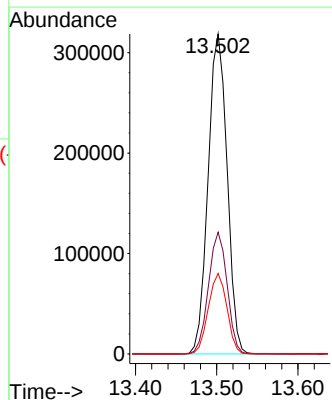
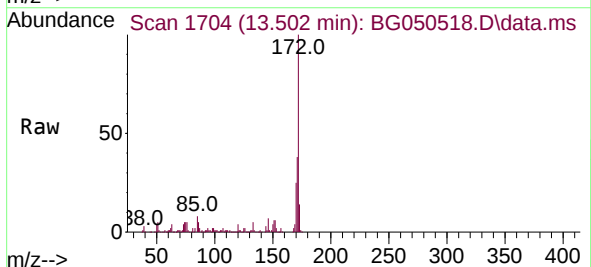
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

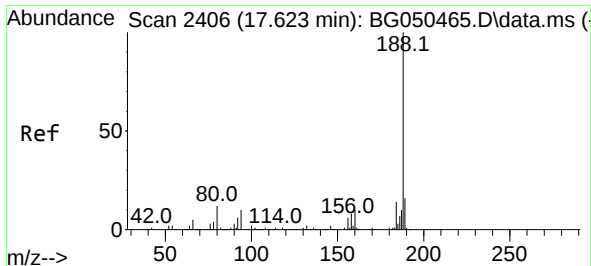
Tgt Ion:330 Resp: 115506
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 55.3 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 56.896 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:172 Resp: 517436
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.2 18.6 27.8

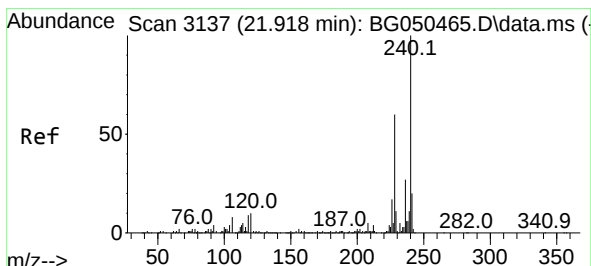
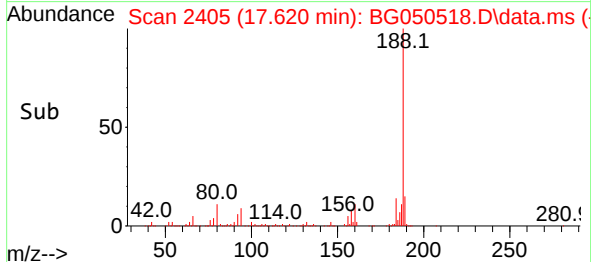
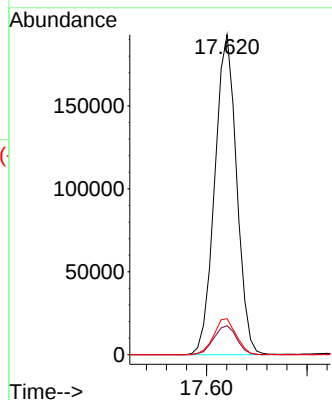
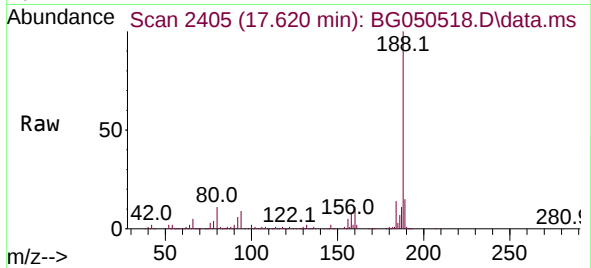




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

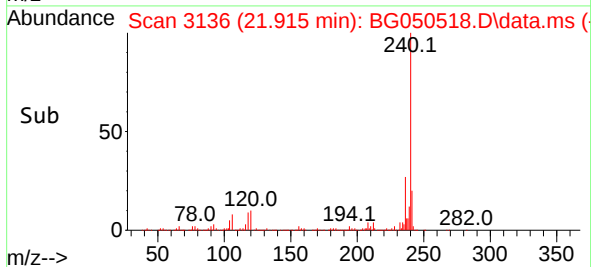
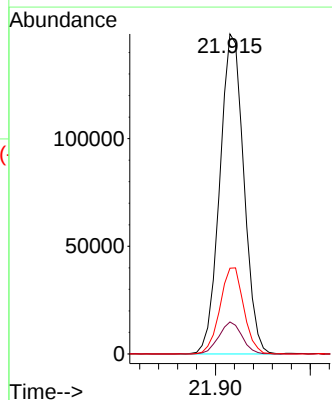
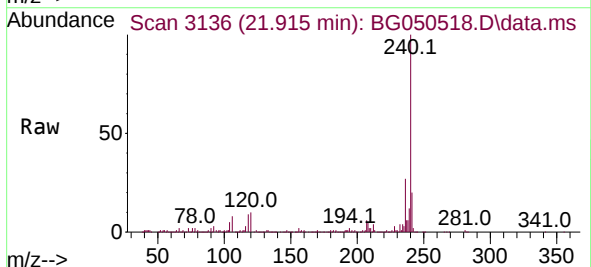
Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)

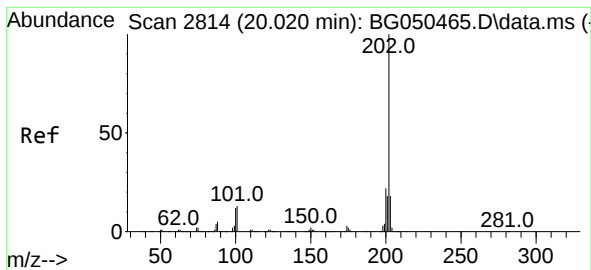
Tgt Ion:188 Resp: 291990
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Tgt Ion:240 Resp: 261501
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 26.8 21.8 32.6





#78

Pyrene

Concen: 2.709 ng

RT: 20.018 min Scan# 2813

Delta R.T. -0.003 min

Lab File: BG050518.D

Acq: 8 Oct 2021 21:02

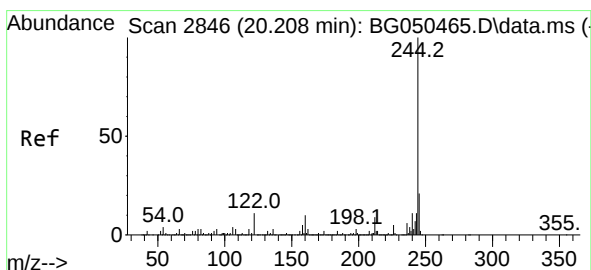
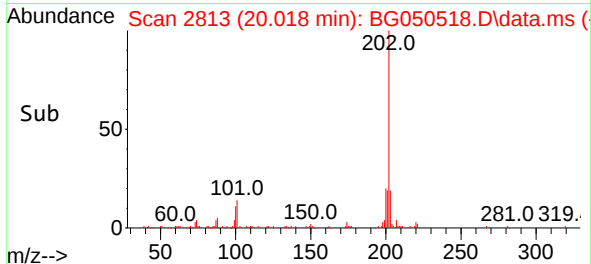
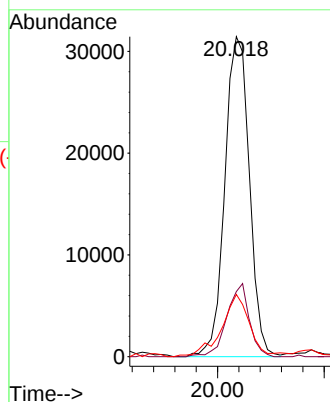
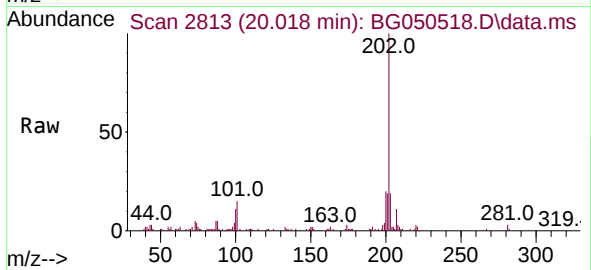
Tgt Ion:202	Resp:	50264
Ion Ratio	Lower	Upper
202	100	
200	20.4	15.8 23.8
203	19.5	14.6 21.8

Instrument :

BNA_G

ClientSampleId :

SB-4(6.5-7.0)



#79

Terphenyl-d14

Concen: 55.886 ng

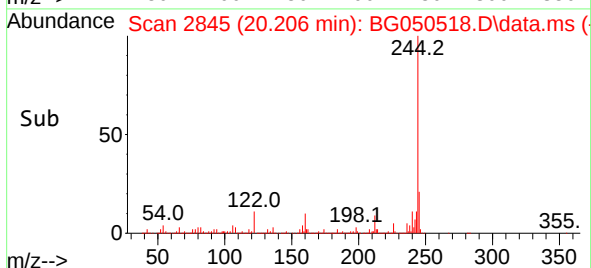
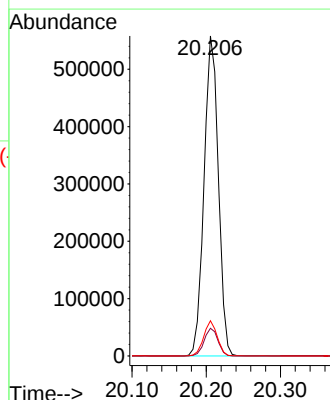
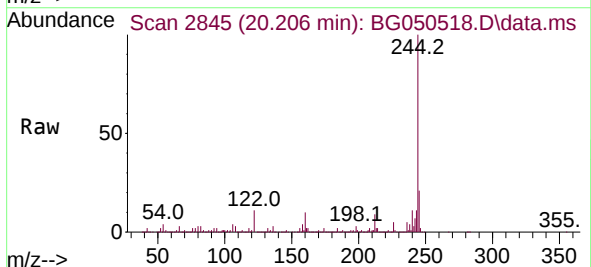
RT: 20.206 min Scan# 2845

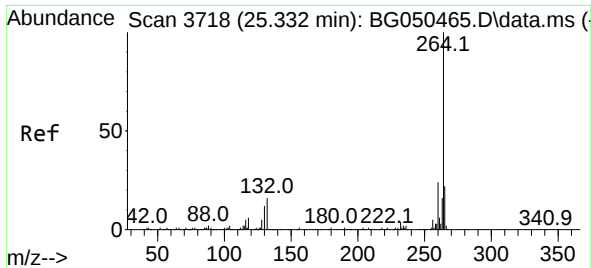
Delta R.T. -0.003 min

Lab File: BG050518.D

Acq: 8 Oct 2021 21:02

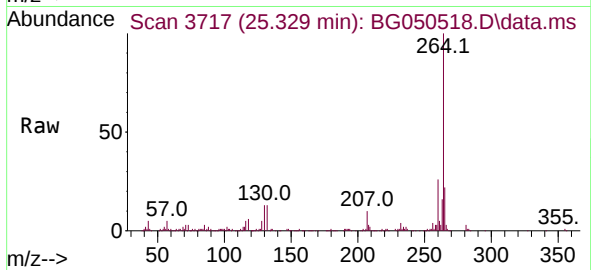
Tgt Ion:244	Resp:	749900
Ion Ratio	Lower	Upper
244	100	
212	8.7	6.9 10.3
122	11.0	5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.329 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG050518.D
Acq: 8 Oct 2021 21:02

Instrument :
BNA_G
ClientSampleId :
SB-4(6.5-7.0)



Tgt Ion:264 Resp: 256983

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.0	16.9	25.3

