

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054934.D
 Acq On : 13 Sep 2022 23:14
 Operator : CG/JU
 Sample : N4572-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124019

Quant Time: Sep 14 03:24:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

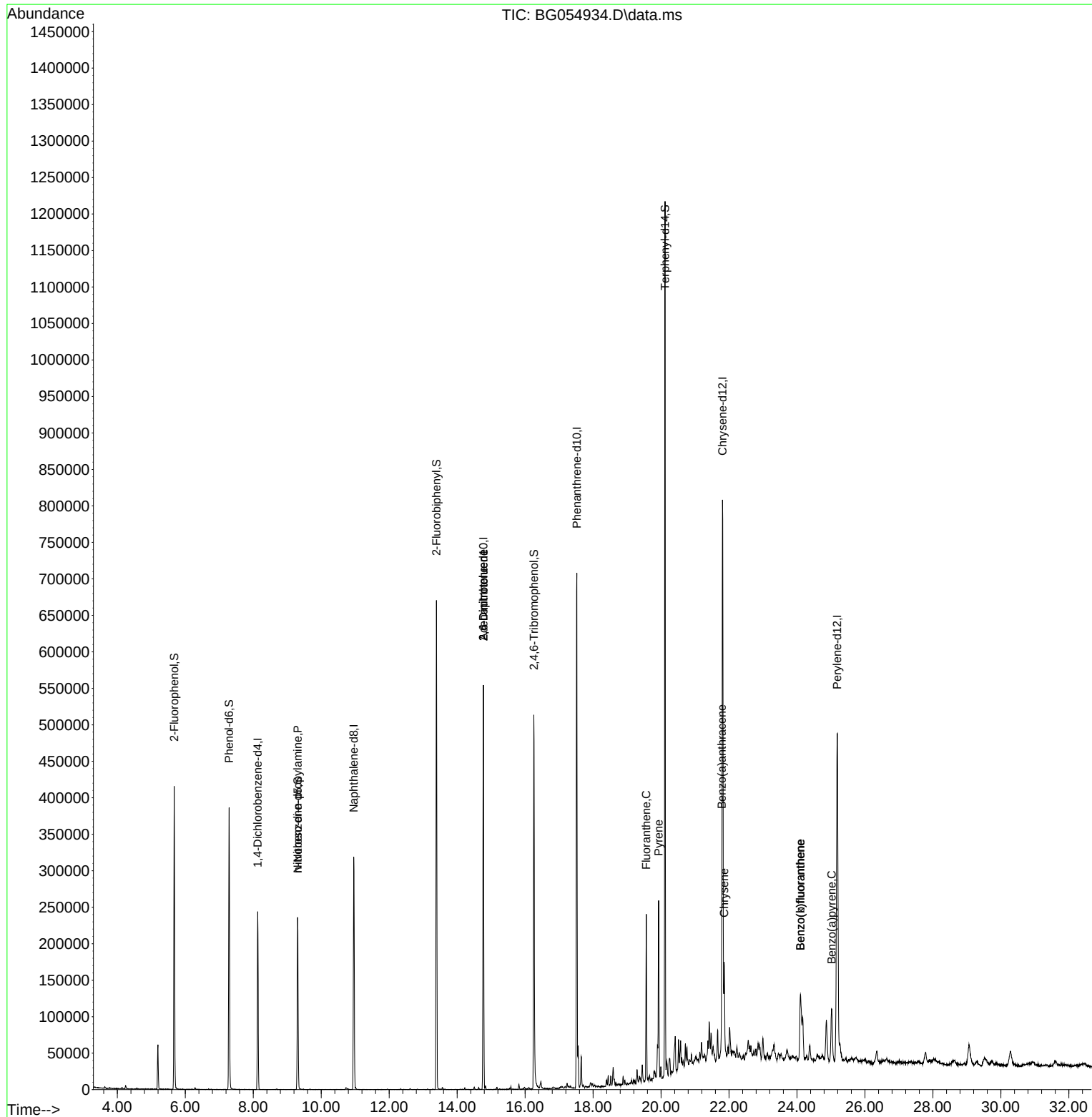
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.133	152	75514	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	300340	20.000	ng	-0.01
39) Acenaphthene-d10	14.772	164	206408	20.000	ng	0.00
64) Phenanthrene-d10	17.522	188	476788	20.000	ng	0.00
76) Chrysene-d12	21.811	240	478590	20.000	ng	-0.01
86) Perylene-d12	25.183	264	514767	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.677	112	205194	47.318	ng	0.00
7) Phenol-d6	7.292	99	265208	44.719	ng	0.00
23) Nitrobenzene-d5	9.308	82	156025	27.272	ng	-0.01
42) 2,4,6-Tribromophenol	16.258	330	132889	51.523	ng	-0.01
45) 2-Fluorobiphenyl	13.391	172	380561	27.712	ng	-0.01
79) Terphenyl-d14	20.118	244	606786	25.121	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.308	70	19277	4.727	ng	# 76
51) 2,6-Dinitrotoluene	14.772	165	27194	8.361	ng	# 20
57) 2,4-Dinitrotoluene	14.772	165	27194	6.045	ng	# 18
75) Fluoranthene	19.566	202	145642	4.714	ng	98
78) Pyrene	19.930	202	164955	4.943	ng	98
81) Benzo(a)anthracene	21.793	228	88155	2.717	ng	99
83) Chrysene	21.858	228	96737	3.118	ng	99
88) Benzo(b)fluoranthene	24.102	252	120046	3.718	ng	98
89) Benzo(k)fluoranthene	24.102	252	120046	3.694	ng	98
90) Benzo(a)pyrene	25.019	252	86947	3.152	ng	98

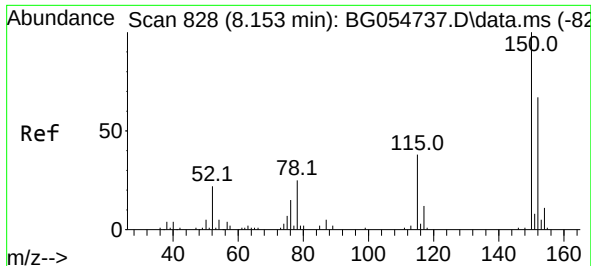
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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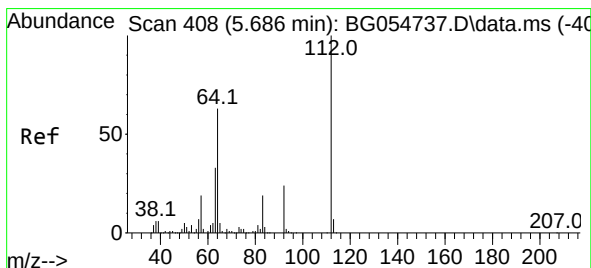
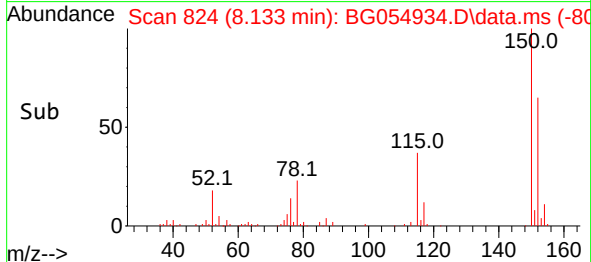
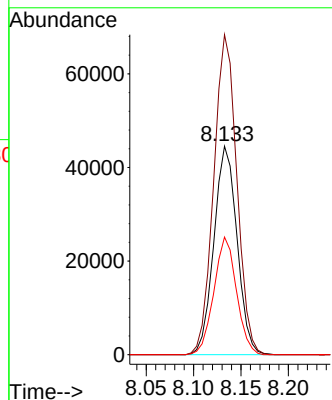
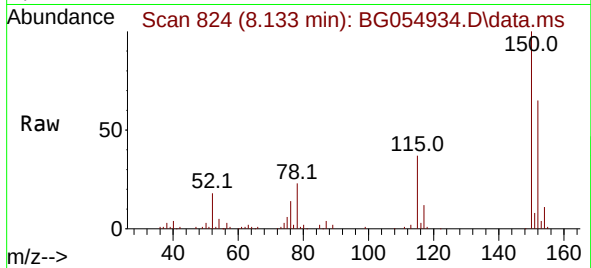




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.133 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

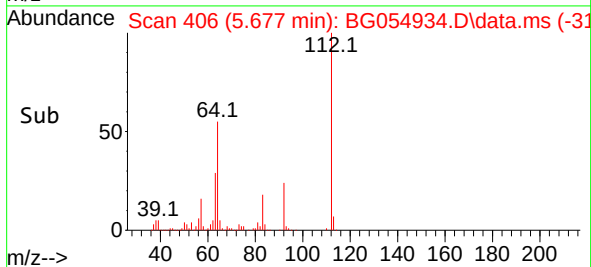
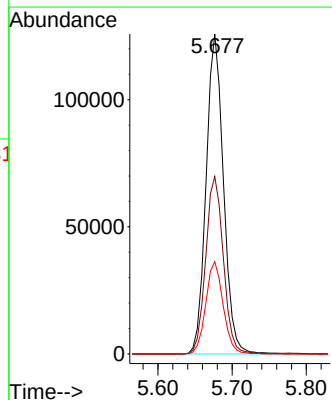
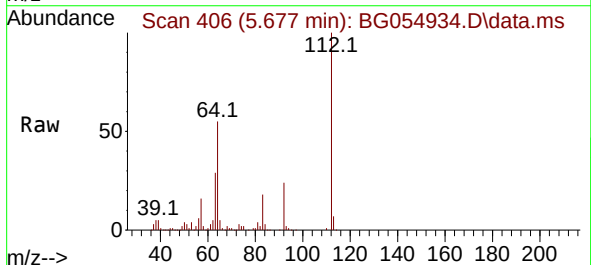
Instrument :
BNA_G
ClientSampleId :
PSC-124019

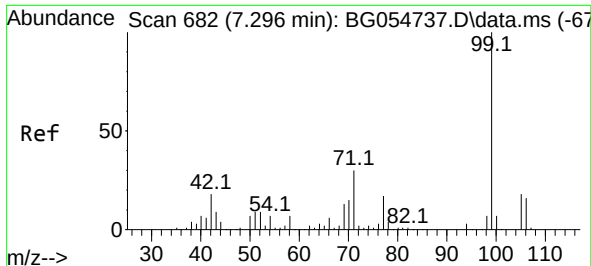
Tgt Ion:152 Resp: 75514
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 56.4 47.9 71.9



#5
2-Fluorophenol
Concen: 47.318 ng
RT: 5.677 min Scan# 406
Delta R.T. -0.008 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:112 Resp: 205194
Ion Ratio Lower Upper
112 100
64 55.5 49.3 73.9
63 28.8 26.3 39.5

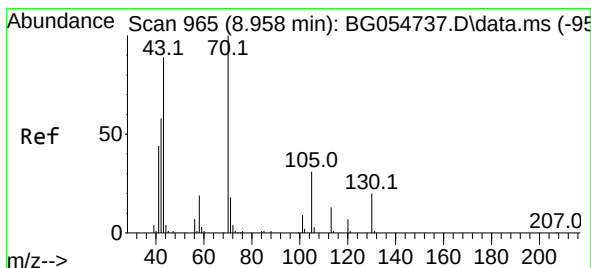
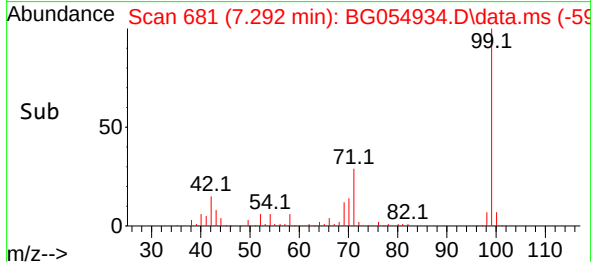
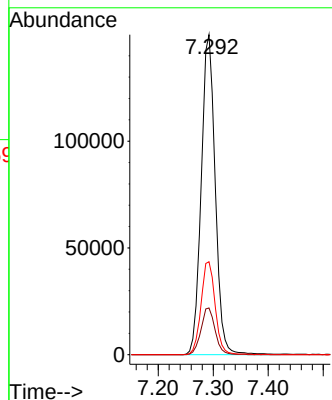
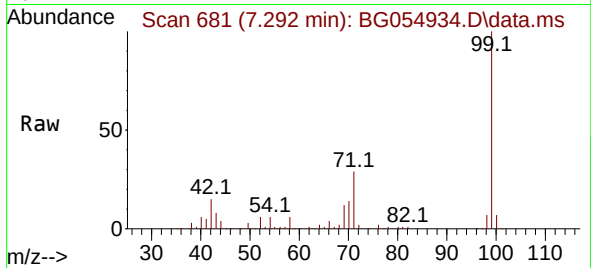




#7
Phenol-d6
Concen: 44.719 ng
RT: 7.292 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

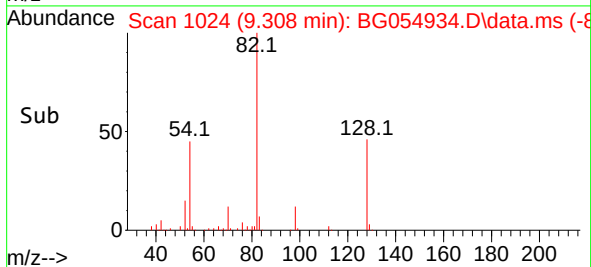
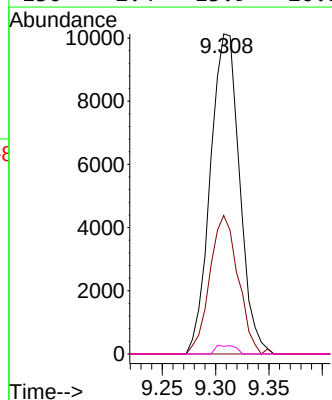
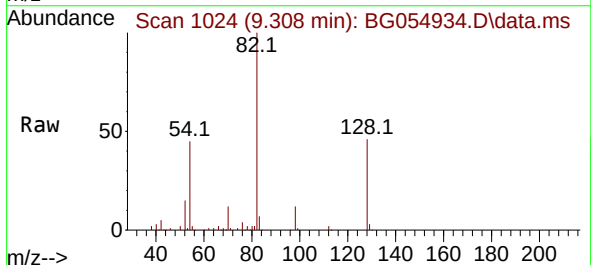
Instrument :
BNA_G
ClientSampleId :
PSC-124019

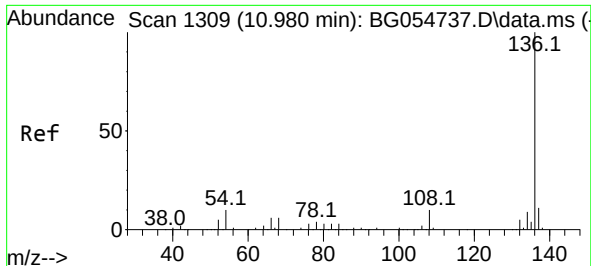
Tgt Ion: 99 Resp: 265208
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 29.0 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.727 ng
RT: 9.308 min Scan# 1024
Delta R.T. 0.357 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion: 70 Resp: 19277
Ion Ratio Lower Upper
70 100
42 43.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

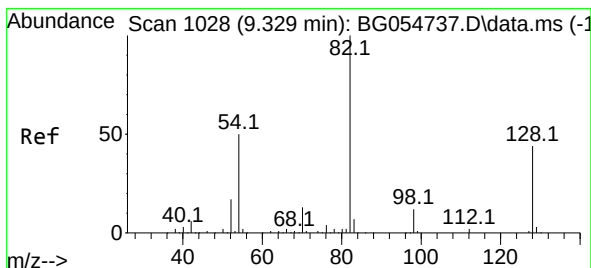
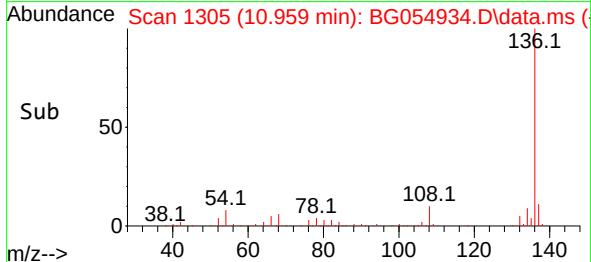
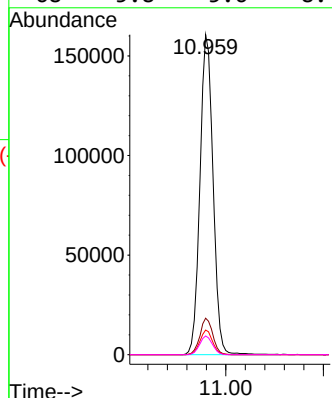
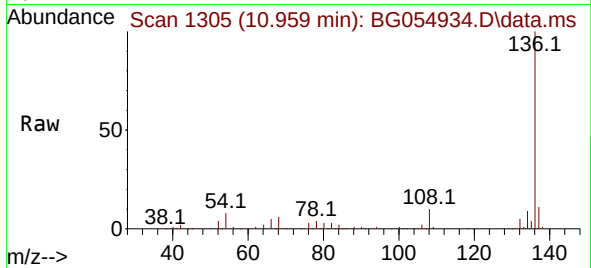




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

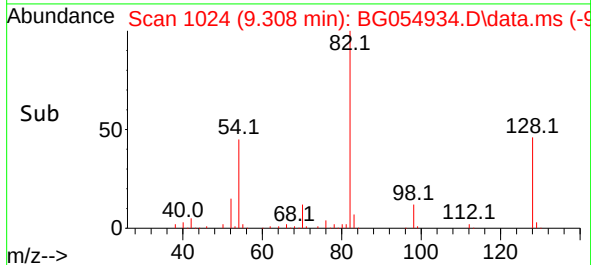
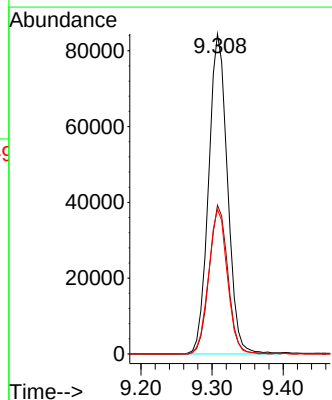
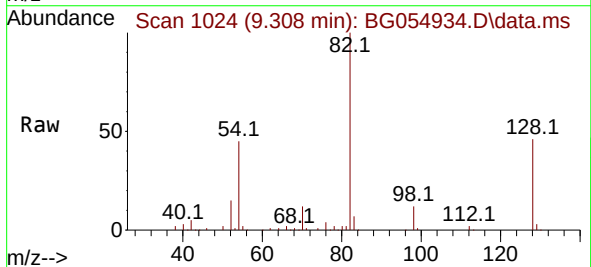
Instrument :
BNA_G
ClientSampleId :
PSC-124019

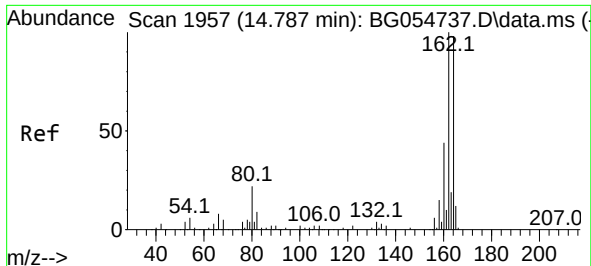
Tgt Ion:	136	Resp:	300340
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	7.7	7.7	11.5
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 27.272 ng
RT: 9.308 min Scan# 1024
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:	82	Resp:	156025
Ion Ratio	Lower	Upper	
82	100		
128	46.5	32.2	48.2
54	45.1	41.4	62.0

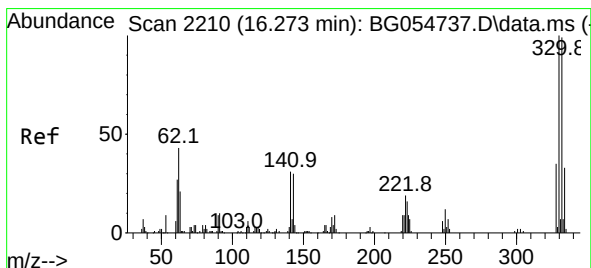
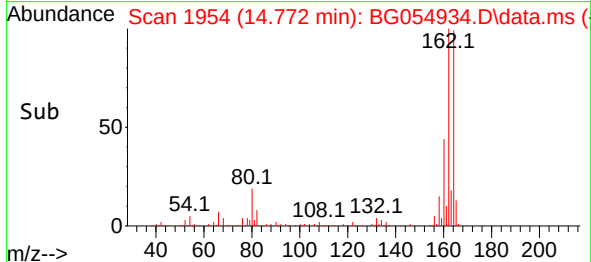
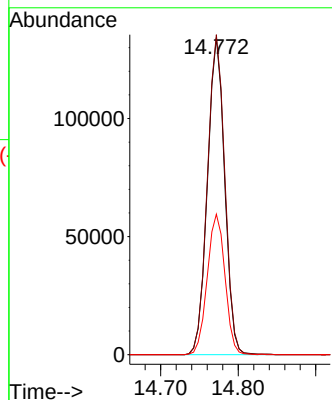
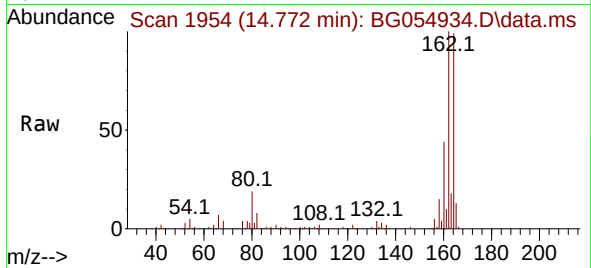




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1954
Delta R.T. -0.008 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

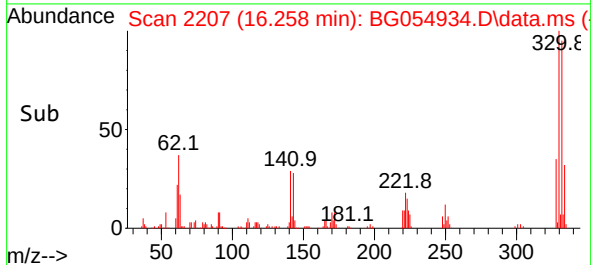
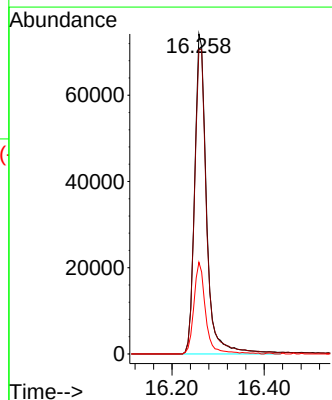
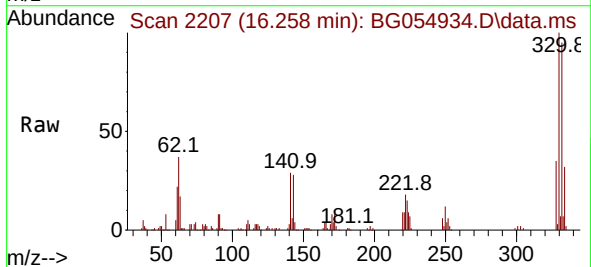
Instrument :
BNA_G
ClientSampleId :
PSC-124019

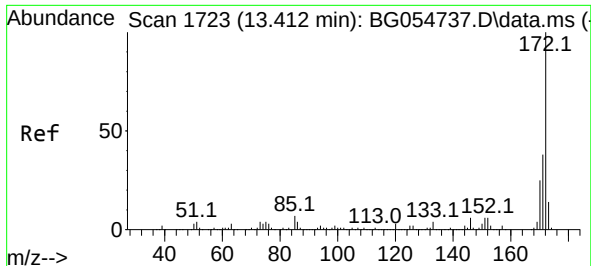
Tgt Ion:164 Resp: 206408
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.4
160 44.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 51.523 ng
RT: 16.258 min Scan# 2207
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:330 Resp: 132889
Ion Ratio Lower Upper
330 100
332 96.7 79.8 119.6
141 27.9 26.8 40.2

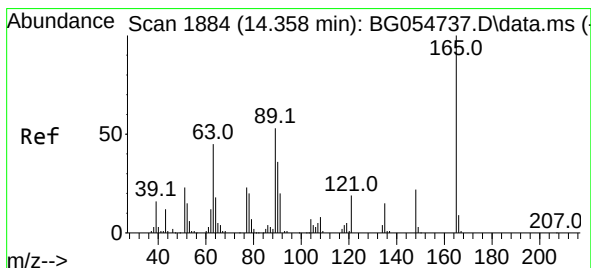
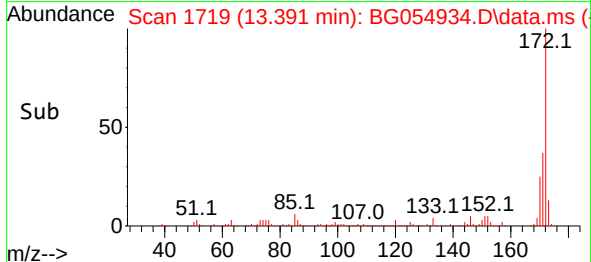
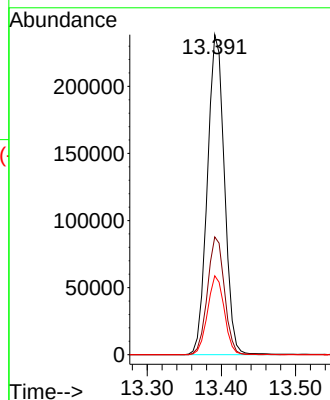
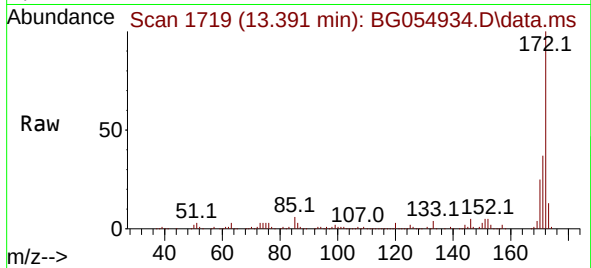




#45
2-Fluorobiphenyl
Concen: 27.712 ng
RT: 13.391 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

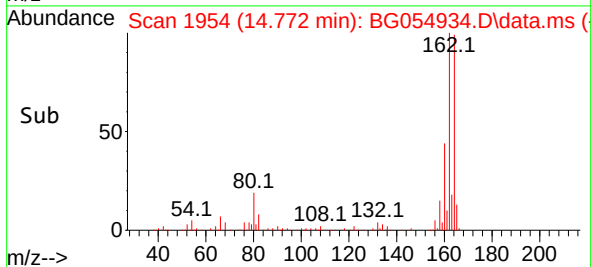
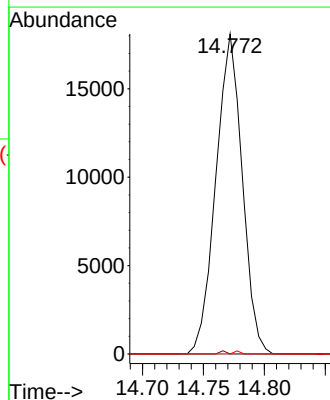
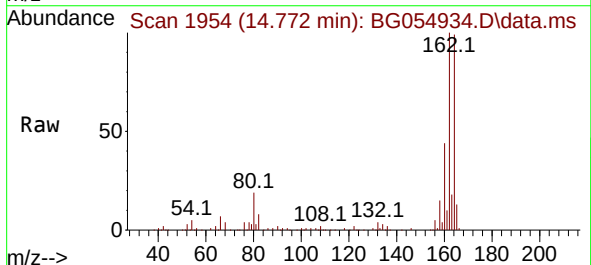
Instrument :
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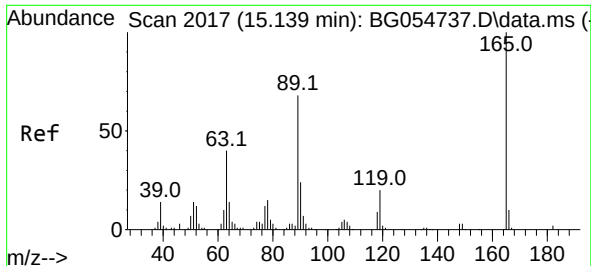
Tgt Ion:172 Resp: 380561
Ion Ratio Lower Upper
172 100
171 36.8 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.361 ng
RT: 14.772 min Scan# 1954
Delta R.T. 0.415 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:165 Resp: 27194
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.045 ng

RT: 14.772 min Scan# 1954

Delta R.T. -0.372 min

Lab File: BG054934.D

Acq: 13 Sep 2022 23:14

Instrument :

BNA_G

ClientSampleId :

PSC-124019

Tgt Ion:165 Resp: 27194

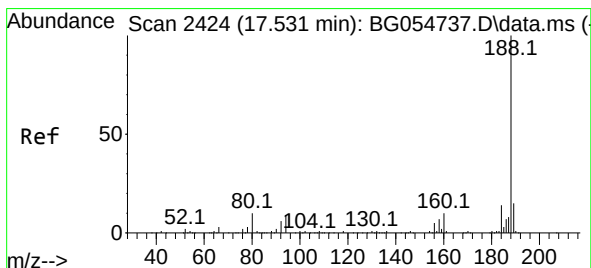
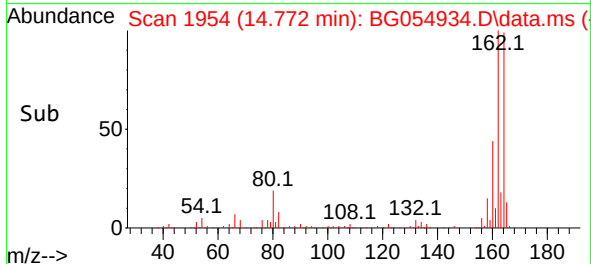
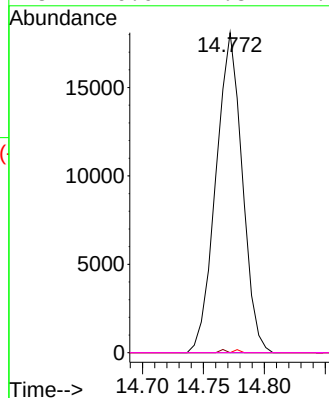
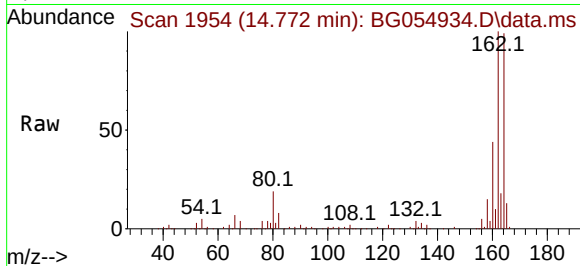
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.522 min Scan# 2422

Delta R.T. -0.008 min

Lab File: BG054934.D

Acq: 13 Sep 2022 23:14

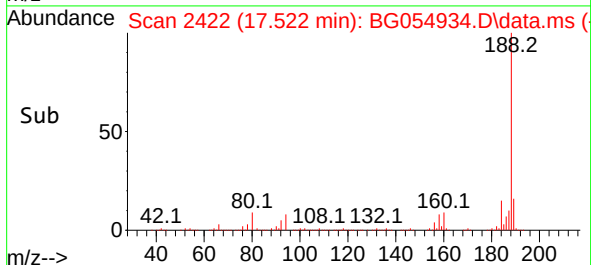
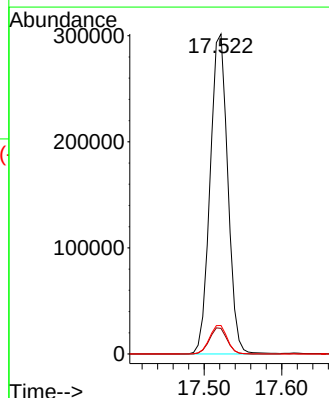
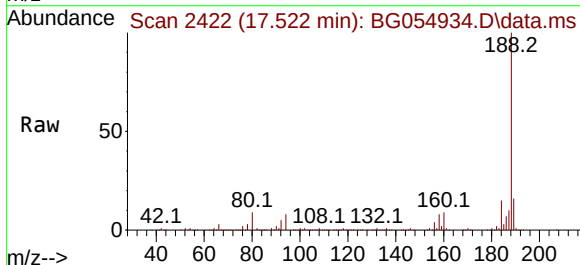
Tgt Ion:188 Resp: 476788

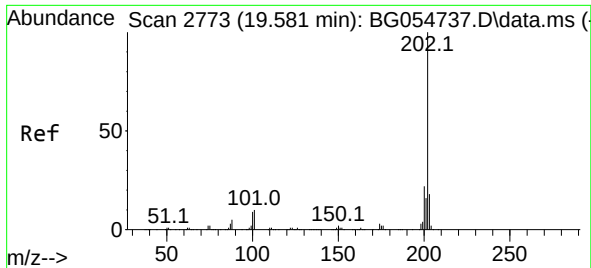
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 8.9 7.9 11.9

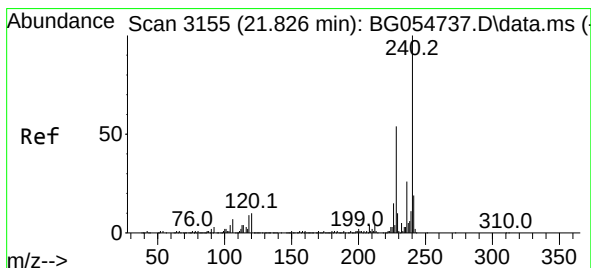
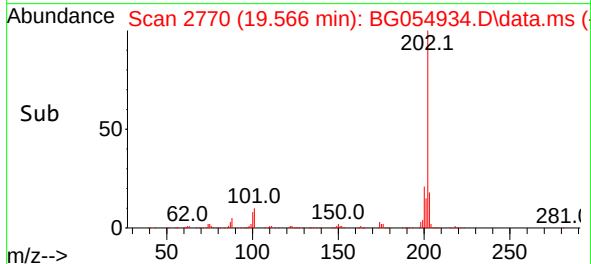
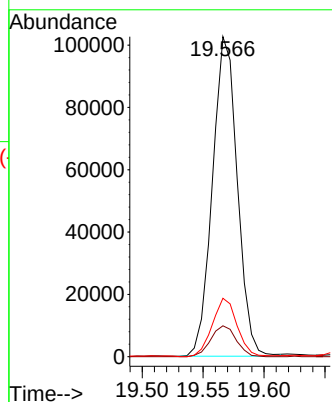
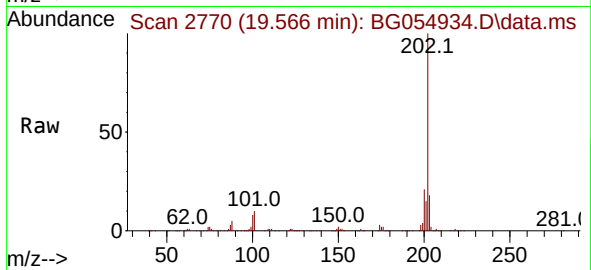




#75
Fluoranthene
Concen: 4.714 ng
RT: 19.566 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

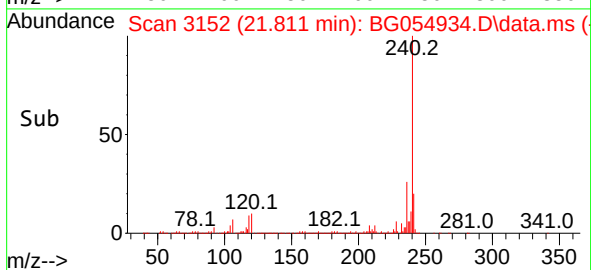
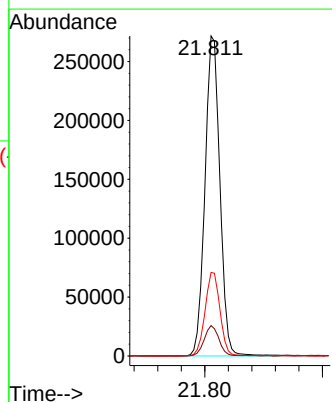
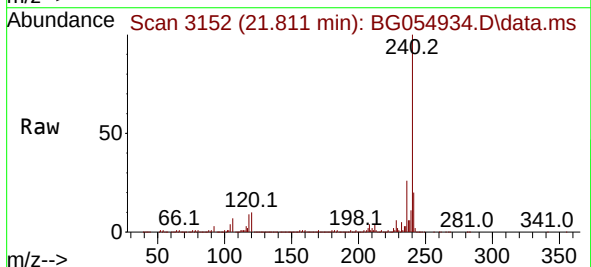
Instrument :
BNA_G
ClientSampleId :
PSC-124019

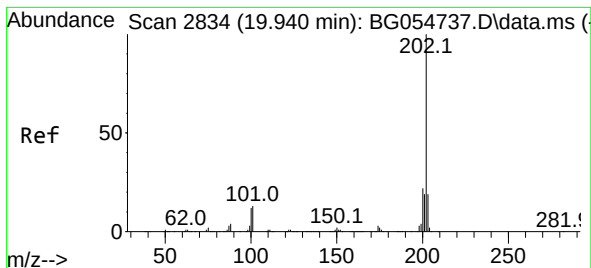
Tgt Ion:202 Resp: 145642
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 18.3 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.811 min Scan# 3152
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:240 Resp: 478590
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.1 21.2 31.8





#78

Pyrene

Concen: 4.943 ng

RT: 19.930 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG054934.D

Acq: 13 Sep 2022 23:14

Instrument :

BNA_G

ClientSampleId :

PSC-124019

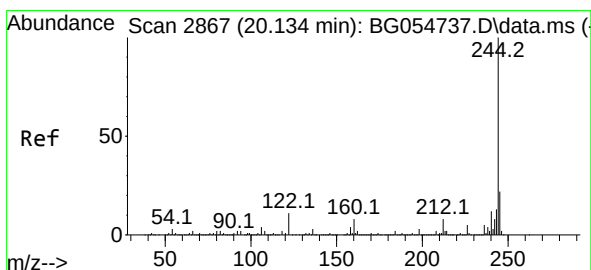
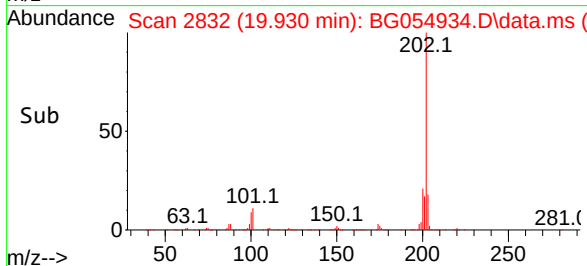
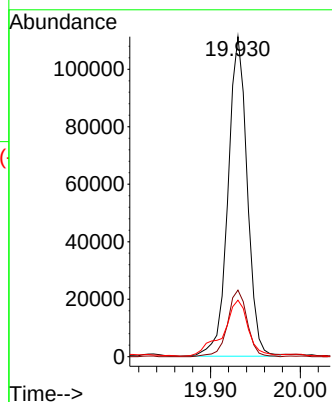
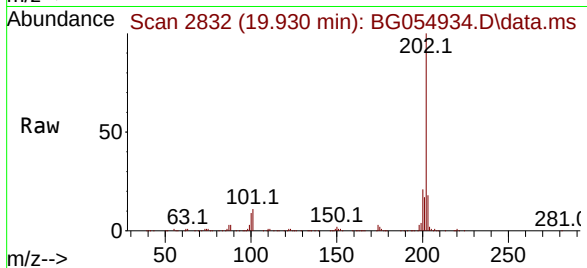
Tgt Ion:202 Resp: 164955

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

203 17.6 14.6 21.8



#79

Terphenyl-d14

Concen: 25.121 ng

RT: 20.118 min Scan# 2864

Delta R.T. -0.008 min

Lab File: BG054934.D

Acq: 13 Sep 2022 23:14

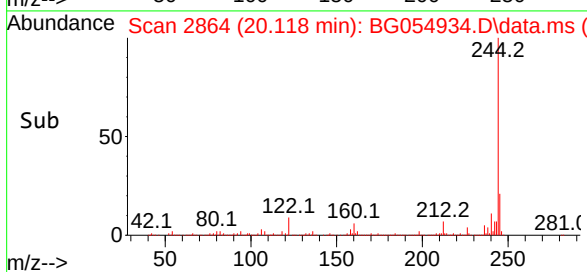
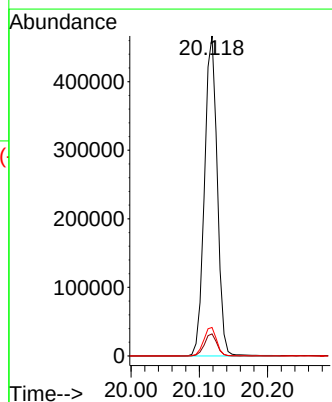
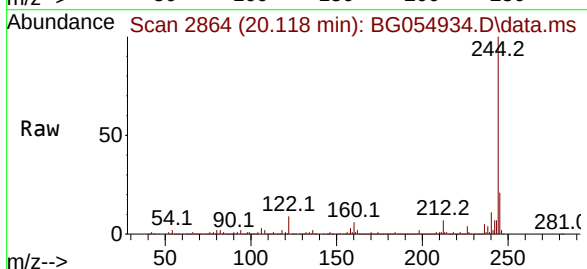
Tgt Ion:244 Resp: 606786

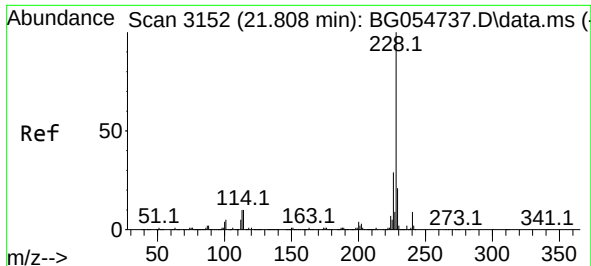
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 8.9 9.0 13.6#

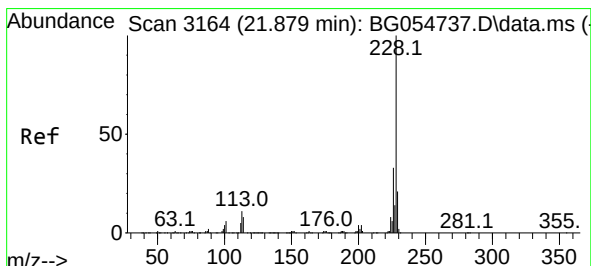
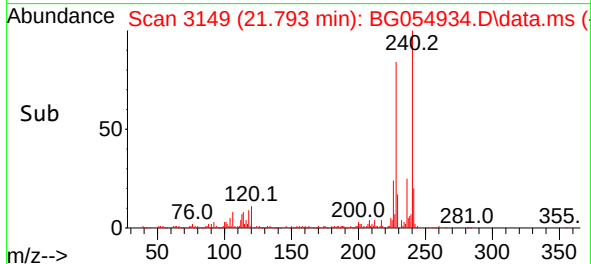
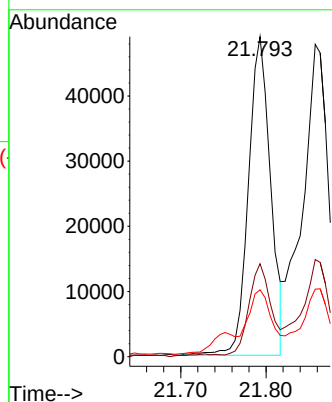
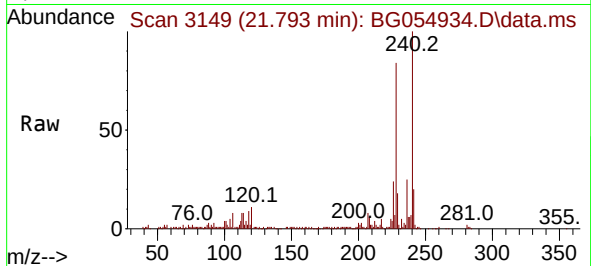




#81
Benzo(a)anthracene
Concen: 2.717 ng
RT: 21.793 min Scan# 3152
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

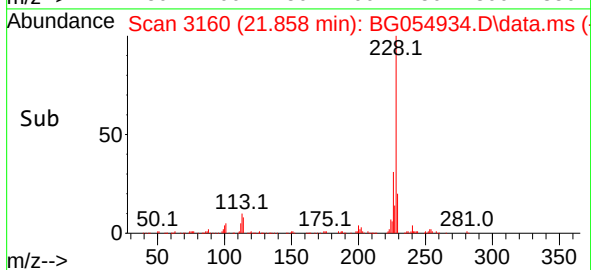
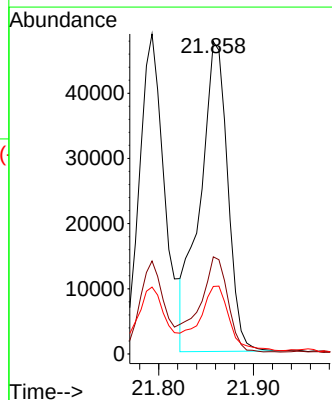
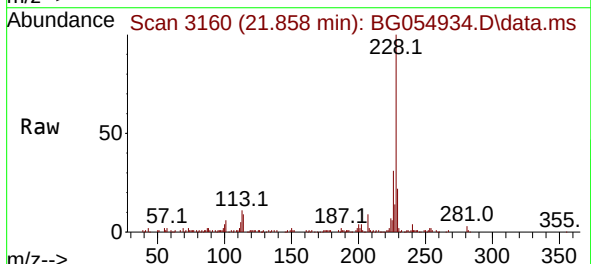
Instrument :
BNA_G
ClientSampleId :
PSC-124019

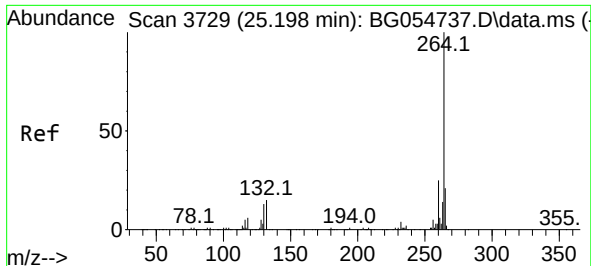
Tgt Ion:228 Resp: 88155
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 20.9 16.5 24.7



#83
Chrysene
Concen: 3.118 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.014 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:228 Resp: 96737
Ion Ratio Lower Upper
228 100
226 31.1 25.5 38.3
229 21.6 16.8 25.2

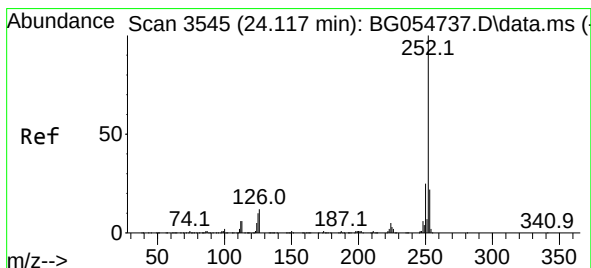
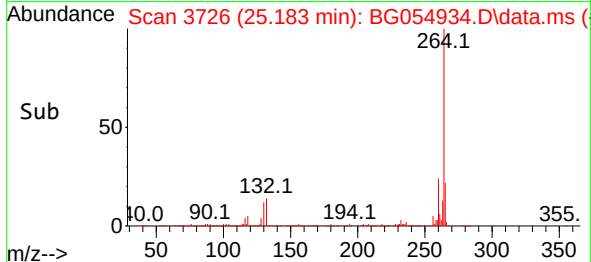
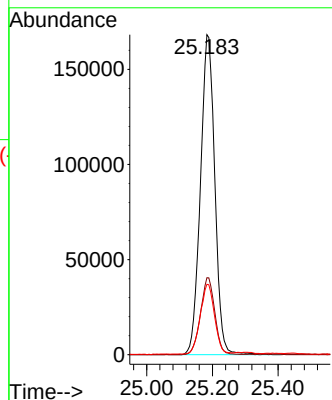
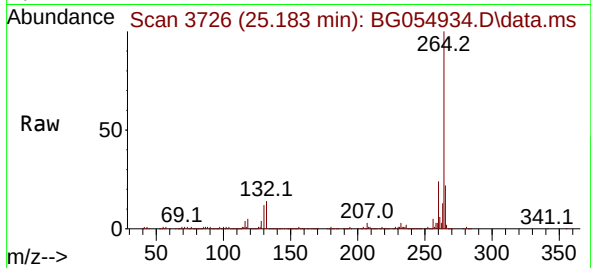




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.183 min Scan# 31
Delta R.T. -0.019 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

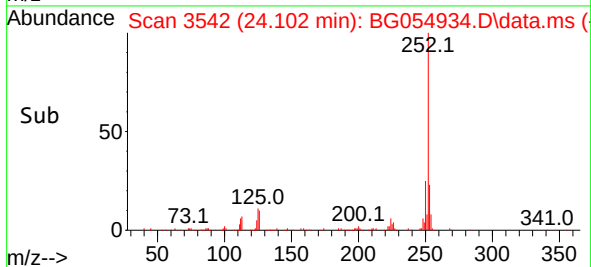
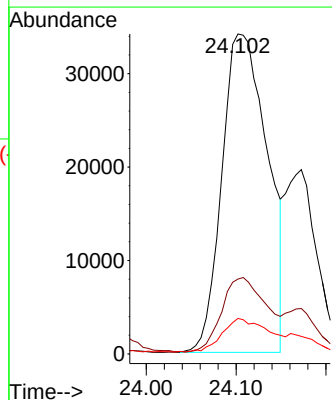
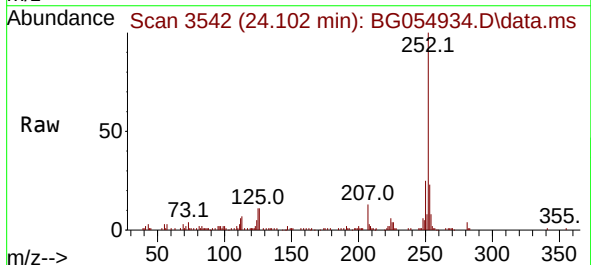
Instrument :
BNA_G
ClientSampleId :
PSC-124019

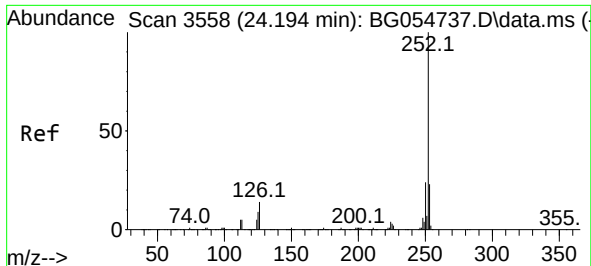
Tgt Ion:264 Resp: 514767
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 22.0 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 3.718 ng
RT: 24.102 min Scan# 3542
Delta R.T. -0.019 min
Lab File: BG054934.D
Acq: 13 Sep 2022 23:14

Tgt Ion:252 Resp: 120046
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 11.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 3.694 ng

RT: 24.102 min Scan# 31

Delta R.T. -0.090 min

Lab File: BG054934.D

Acq: 13 Sep 2022 23:14

Instrument :

BNA_G

ClientSampleId :

PSC-124019

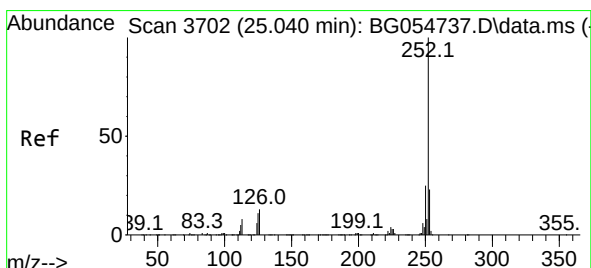
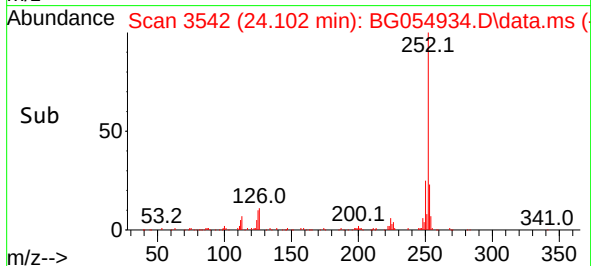
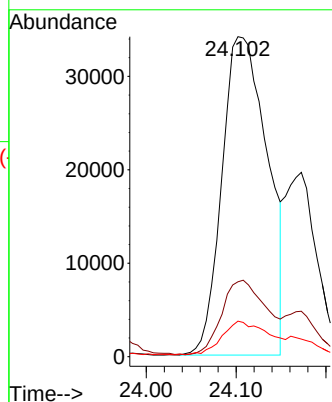
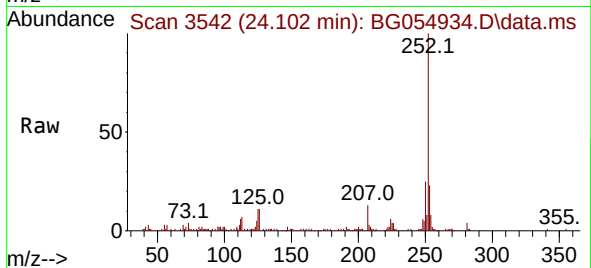
Tgt Ion:252 Resp: 120046

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 11.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 3.152 ng

RT: 25.019 min Scan# 3698

Delta R.T. -0.031 min

Lab File: BG054934.D

Acq: 13 Sep 2022 23:14

Tgt Ion:252 Resp: 86947

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

125 9.5 8.8 13.2

