

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045757.D
 Acq On : 23 May 2024 17:33
 Operator : MA/JU
 Sample : P2464-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

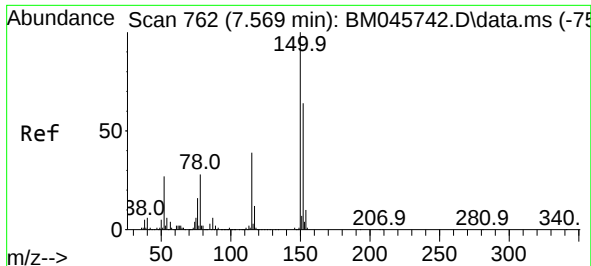
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: May 24 02:55:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	259250	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1070464	20.000	ng	0.00
39) Acenaphthene-d10	14.192	164	670404	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	1305303	20.000	ng	-0.01
76) Chrysene-d12	21.156	240	1267173	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1385037	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	834559	57.394	ng	0.00
7) Phenol-d6	6.846	99	846476	43.360	ng	0.00
23) Nitrobenzene-d5	8.728	82	1919362	97.536	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	821251	115.656	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4367284	104.701	ng	0.00
79) Terphenyl-d14	19.586	244	5743146	83.418	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.063	149	113910	2.404	ng	99
74) Di-n-butylphthalate	17.933	149	474784	6.308	ng	99
80) Butylbenzylphthalate	20.292	149	102689	2.652	ng	97
81) Benzo(a)anthracene	21.139	228	181272	2.246	ng	98
83) Chrysene	21.198	228	190283m	2.514	ng	
84) Bis(2-ethylhexyl)phtha...	21.086	149	247821	4.558	ng	98
88) Benzo(b)fluoranthene	23.068	252	283564	3.610	ng	# 96
89) Benzo(k)fluoranthene	23.127	252	276179	3.705	ng	# 93
90) Benzo(a)pyrene	23.815	252	192080	2.814	ng	# 93

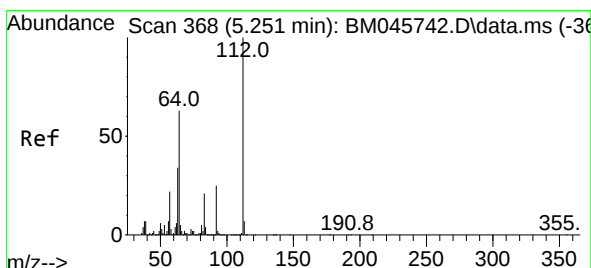
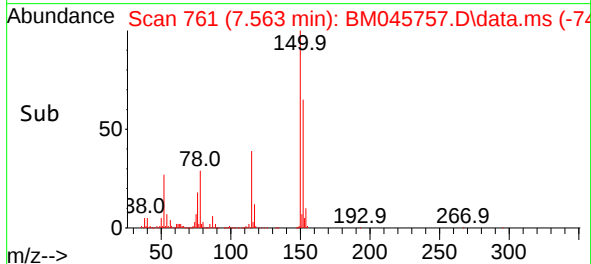
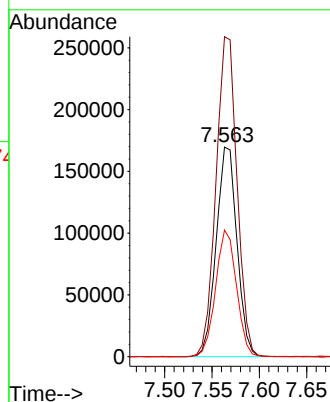
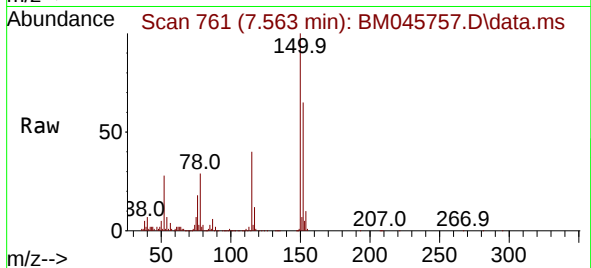
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.563 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM045757.D
 Acq: 23 May 2024 17:33

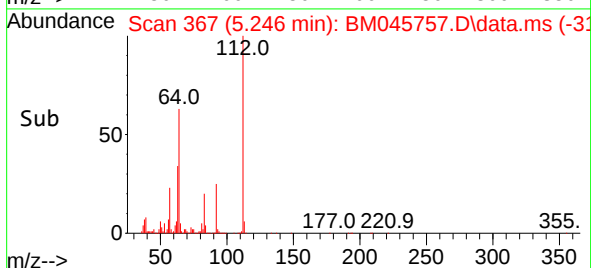
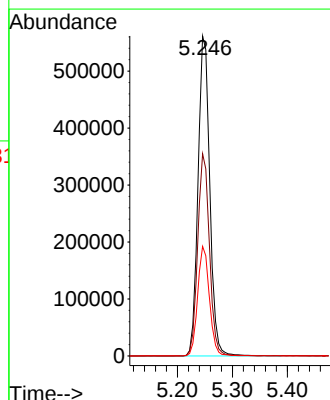
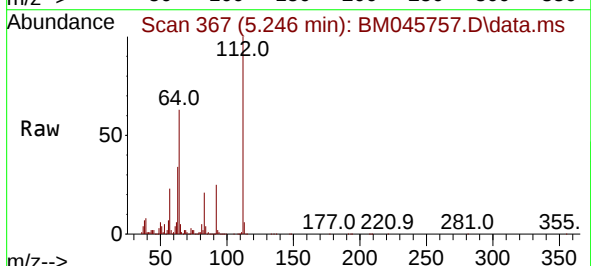
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

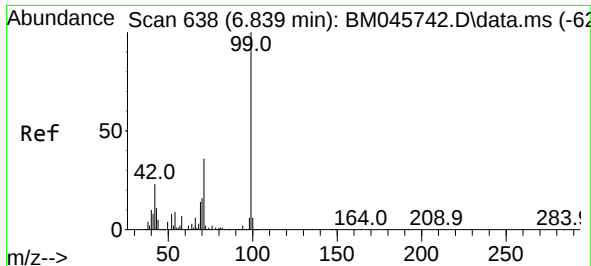
Tgt Ion:152 Resp: 259250
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.2 186.4
 115 60.4 48.9 73.3



#5
 2-Fluorophenol
 Concen: 57.394 ng
 RT: 5.246 min Scan# 367
 Delta R.T. -0.006 min
 Lab File: BM045757.D
 Acq: 23 May 2024 17:33

Tgt Ion:112 Resp: 834559
 Ion Ratio Lower Upper
 112 100
 64 63.2 50.1 75.1
 63 34.3 27.3 40.9



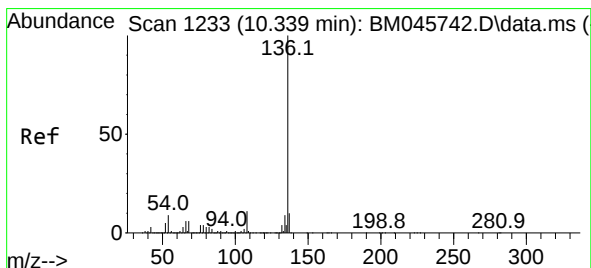
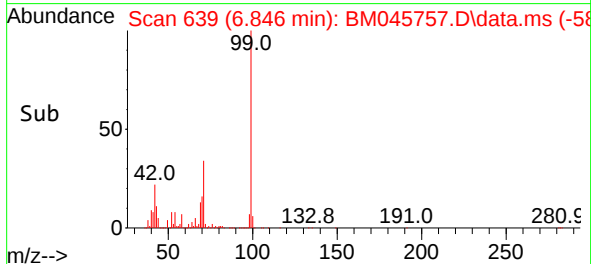
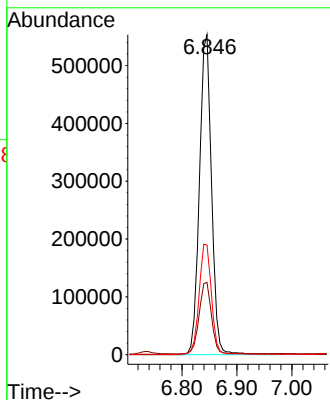
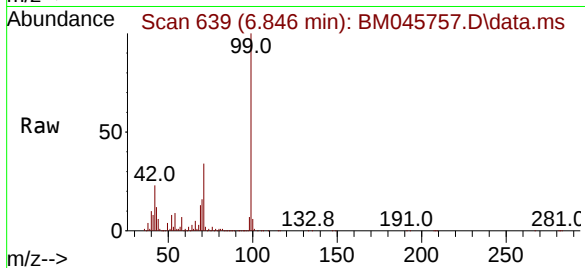


#7
Phenol-d6
Concen: 43.360 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion: 99 Resp: 846476

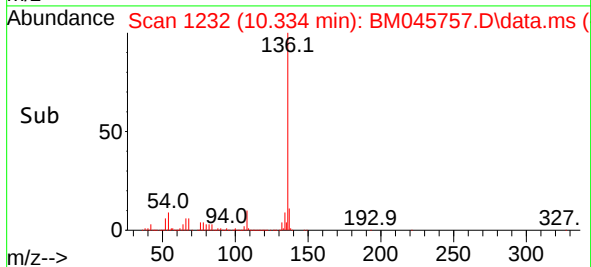
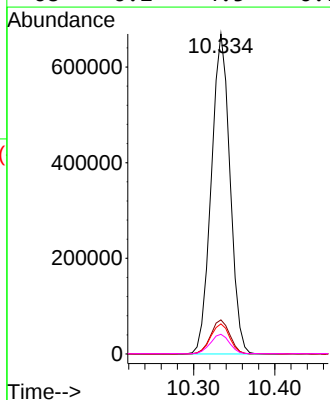
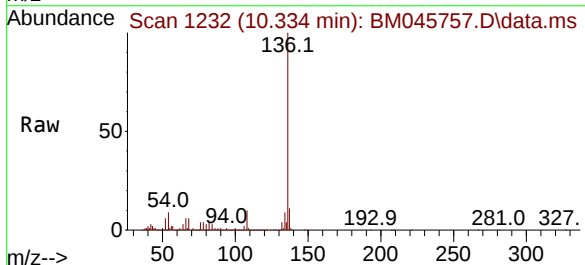
Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.3	27.5
71	34.3	28.5	42.7

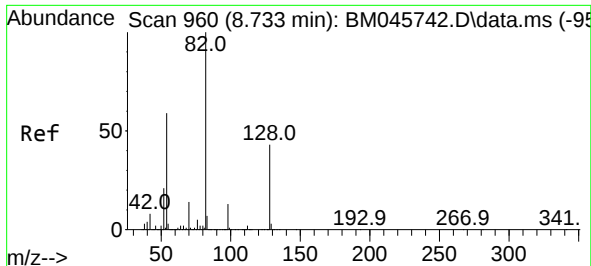


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Tgt Ion: 136 Resp: 1070464

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	9.4	7.5	11.3
68	6.2	4.5	6.7

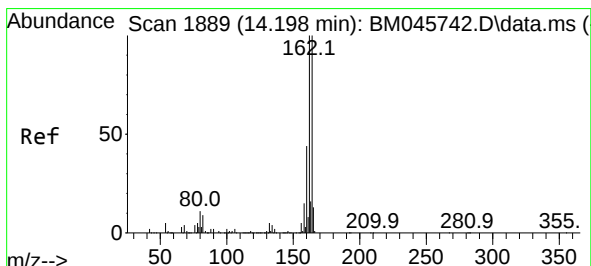
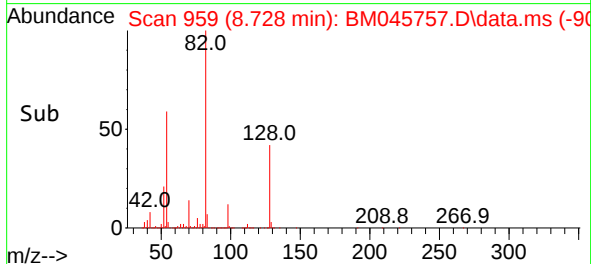
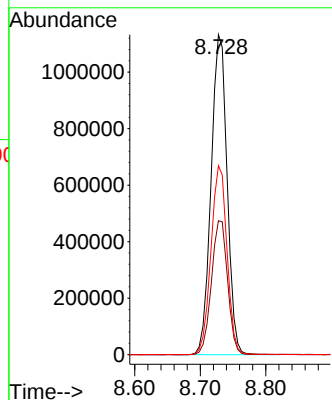
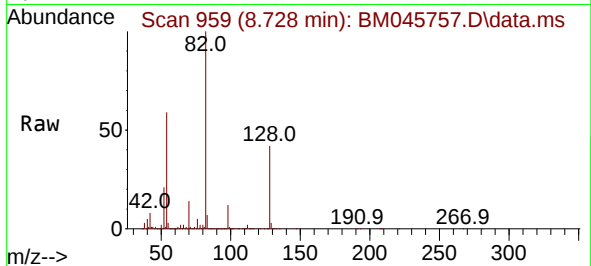




#23
Nitrobenzene-d5
Concen: 97.536 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

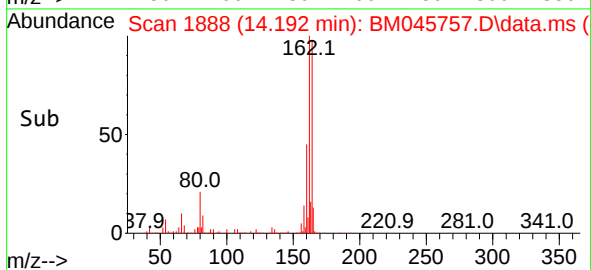
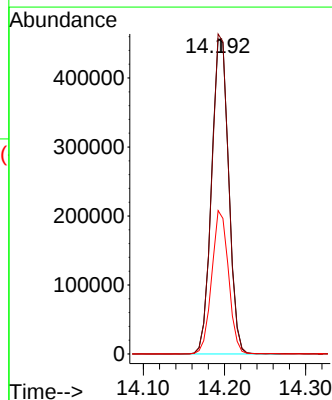
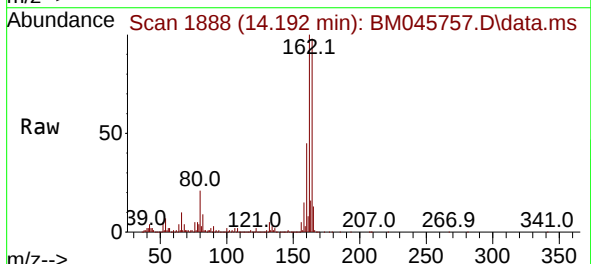
Instrument :
BNA_M
ClientSampleId :
EFF-WW

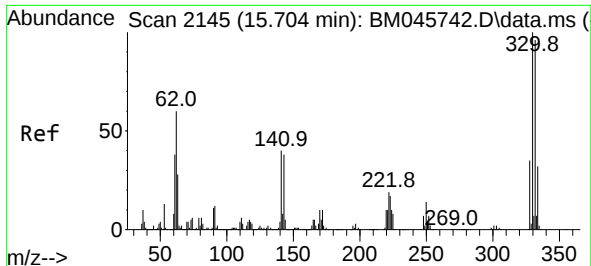
Tgt Ion: 82 Resp: 1919362
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.4
54 59.1 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Tgt Ion: 164 Resp: 670404
Ion Ratio Lower Upper
164 100
162 101.6 79.9 119.9
160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 115.656 ng

RT: 15.698 min Scan# 2144

Delta R.T. -0.006 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

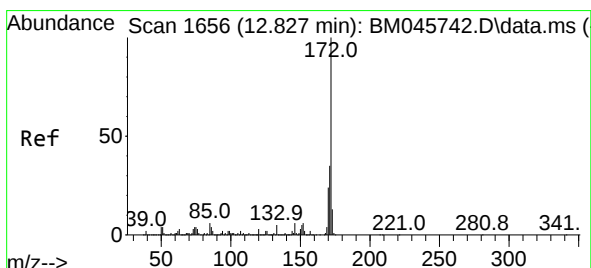
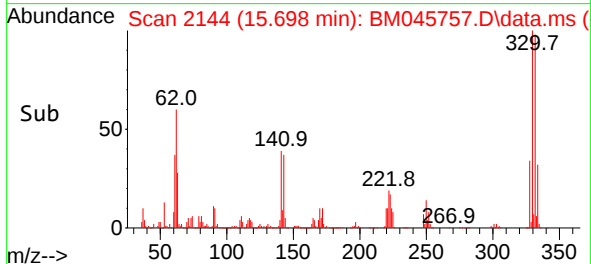
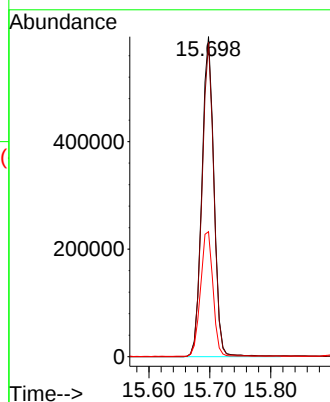
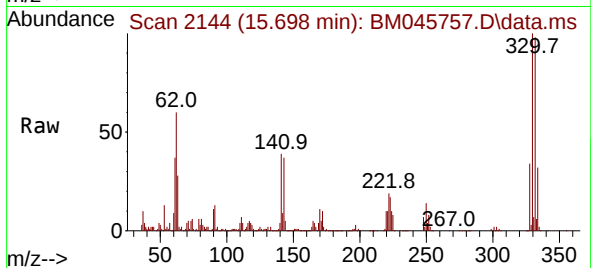
Tgt Ion:330 Resp: 821251

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 40.3 32.2 48.4



#45

2-Fluorobiphenyl

Concen: 104.701 ng

RT: 12.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

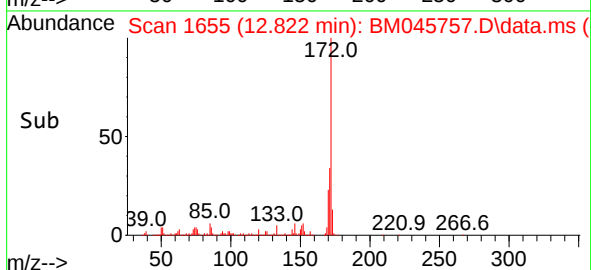
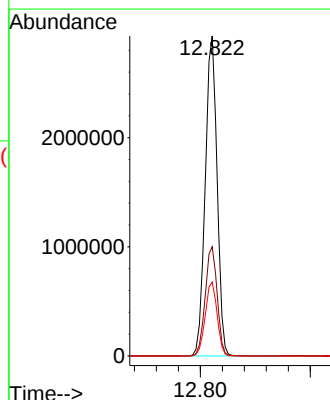
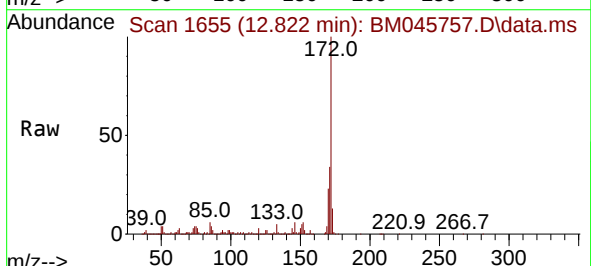
Tgt Ion:172 Resp: 4367284

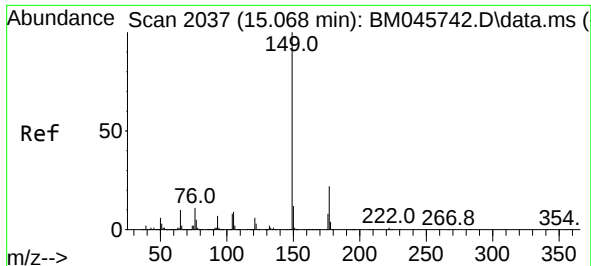
Ion Ratio Lower Upper

172 100

171 34.1 27.9 41.9

170 23.1 18.8 28.2

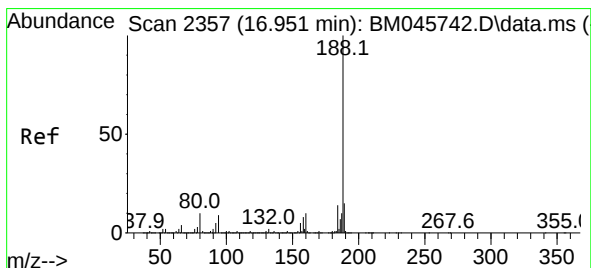
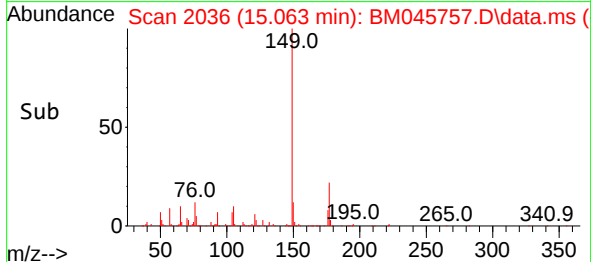
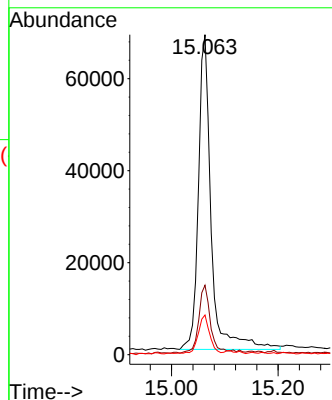
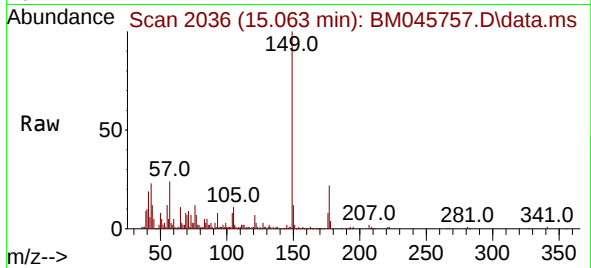




#60
Diethylphthalate
Concen: 2.404 ng
RT: 15.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

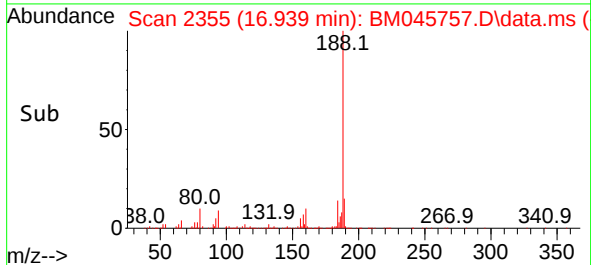
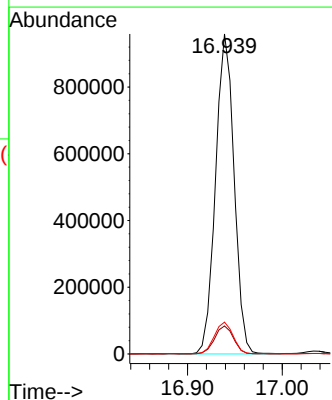
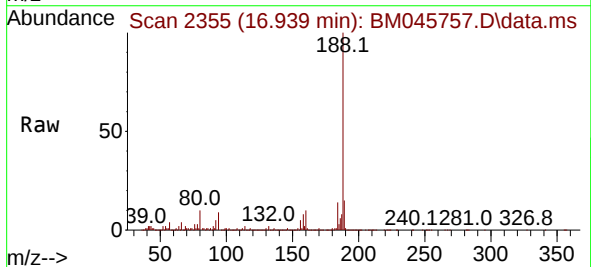
Instrument :
BNA_M
ClientSampleId :
EFF-WW

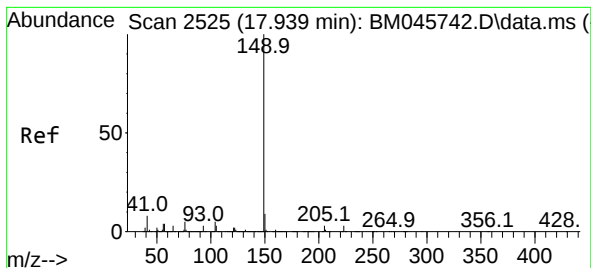
Tgt Ion:149 Resp: 113910
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.4 9.7 14.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.012 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Tgt Ion:188 Resp: 1305303
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.0 7.8 11.6





#74

Di-n-butylphthalate

Concen: 6.308 ng

RT: 17.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

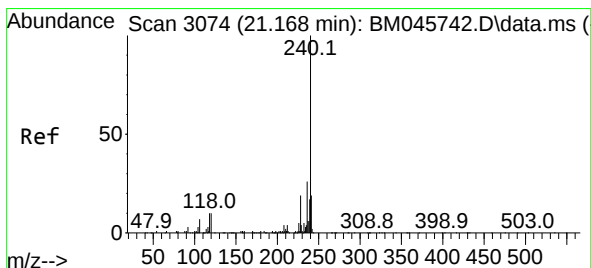
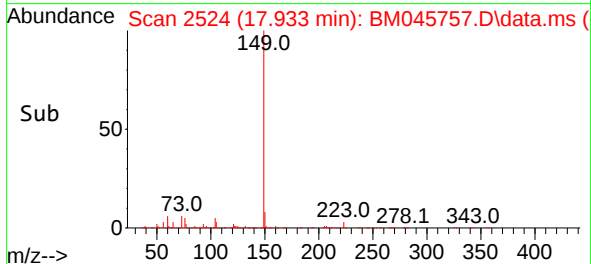
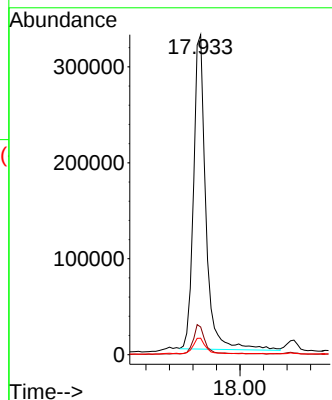
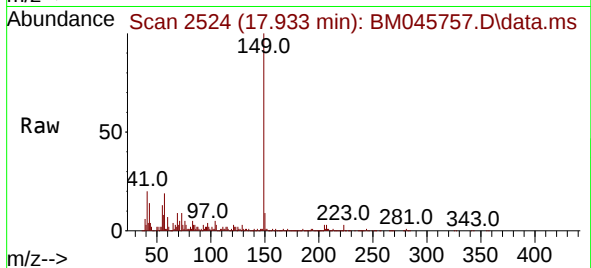
Tgt Ion:149 Resp: 474784

Ion Ratio Lower Upper

149 100

150 8.7 7.3 10.9

104 5.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.156 min Scan# 3072

Delta R.T. -0.012 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

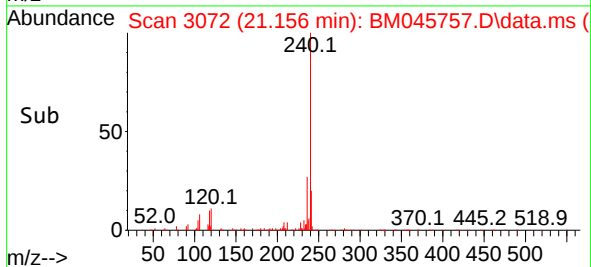
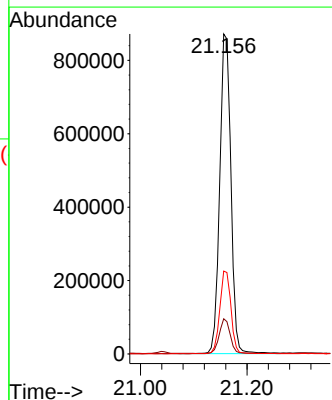
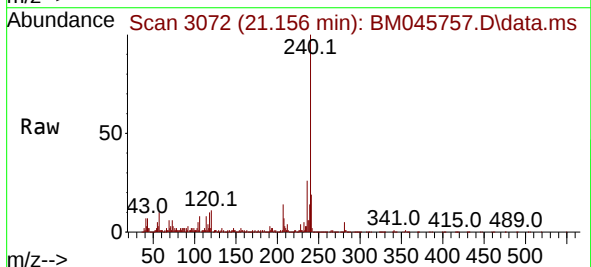
Tgt Ion:240 Resp: 1267173

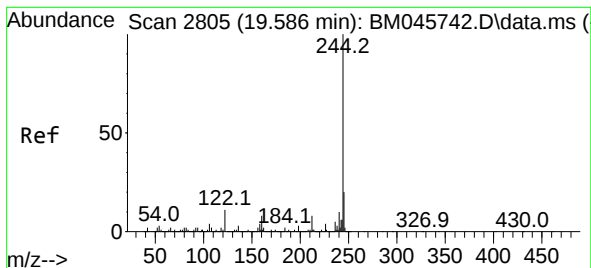
Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 83.418 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

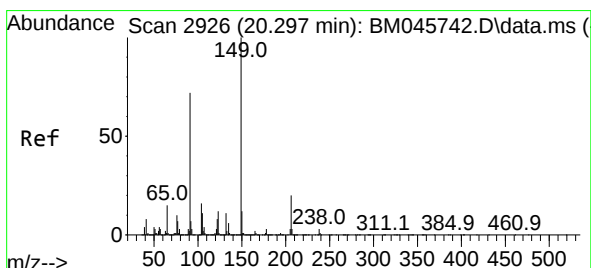
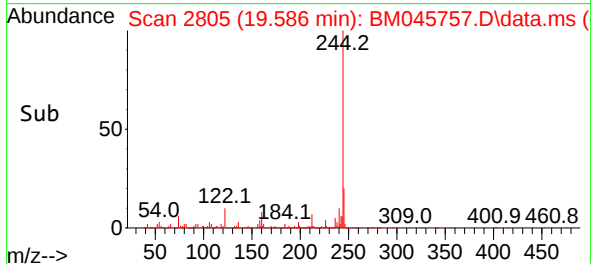
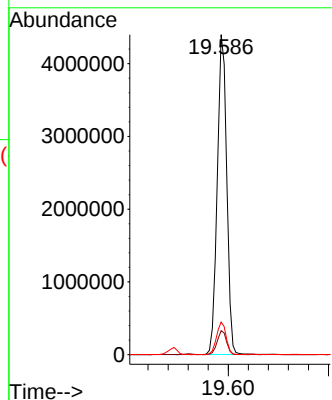
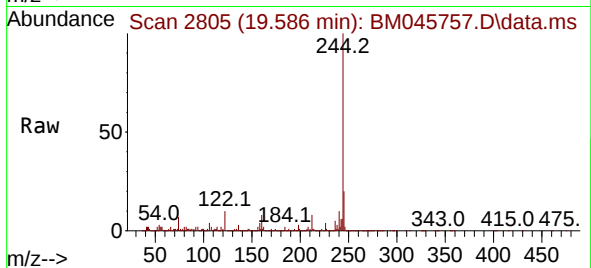
Tgt Ion:244 Resp: 5743146

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.2 8.6 12.8



#80

Butylbenzylphthalate

Concen: 2.652 ng

RT: 20.292 min Scan# 2925

Delta R.T. -0.006 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

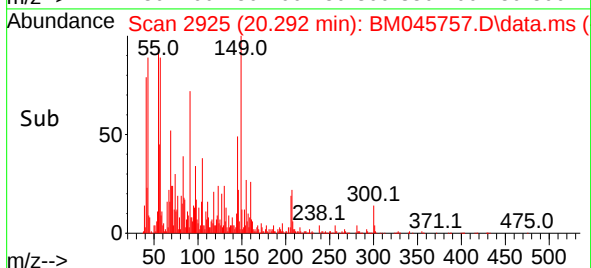
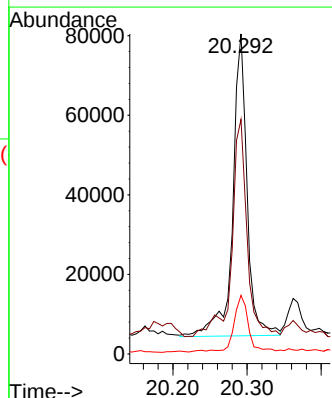
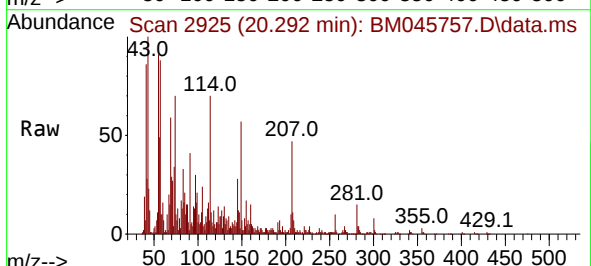
Tgt Ion:149 Resp: 102689

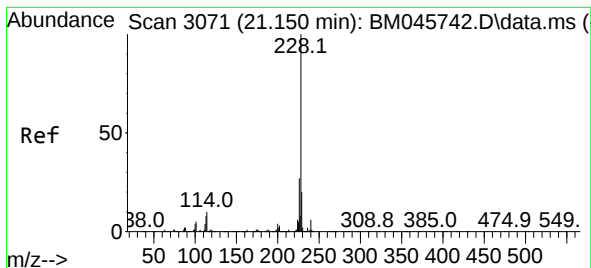
Ion Ratio Lower Upper

149 100

91 73.3 57.3 85.9

206 18.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 2.246 ng

RT: 21.139 min Scan# 3071

Delta R.T. -0.012 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

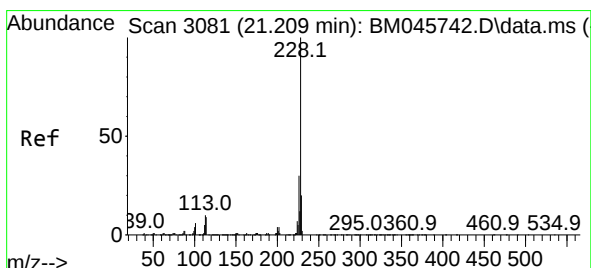
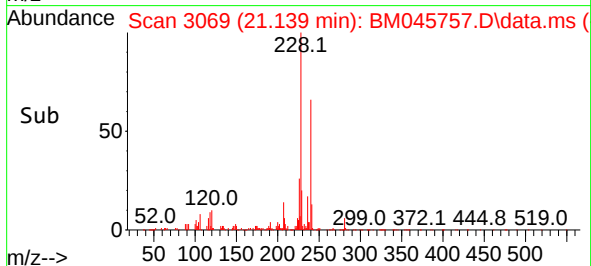
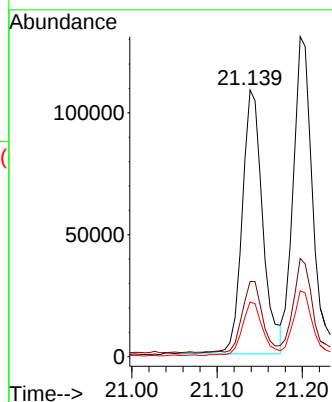
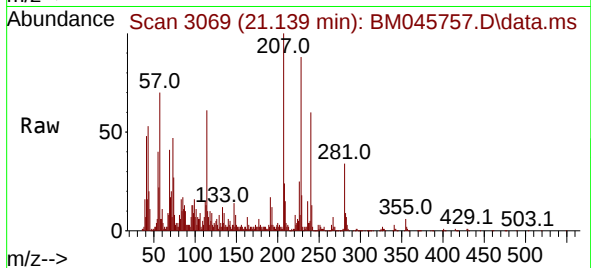
Tgt Ion:228 Resp: 181272

Ion Ratio Lower Upper

228 100

226 28.2 21.6 32.4

229 20.5 15.7 23.5



#83

Chrysene

Concen: 2.514 ng m

RT: 21.198 min Scan# 3079

Delta R.T. -0.012 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

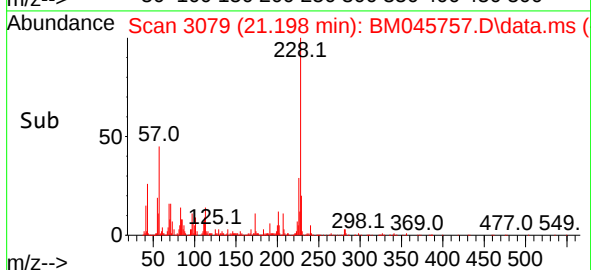
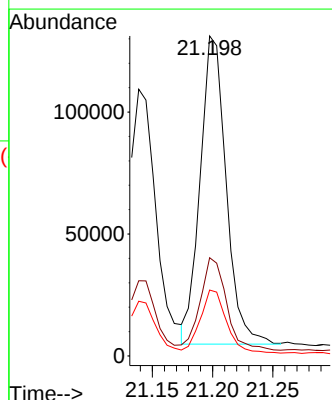
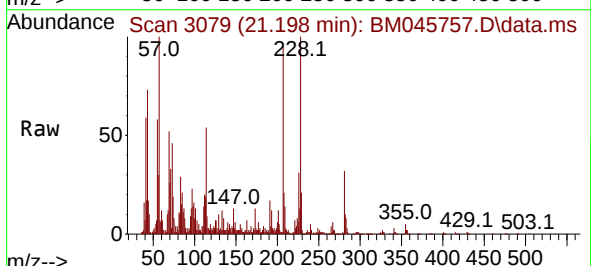
Tgt Ion:228 Resp: 190283

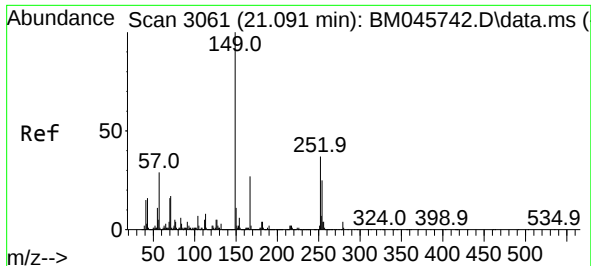
Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

229 20.6 15.8 23.8

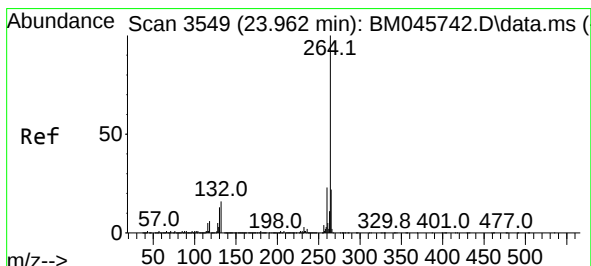
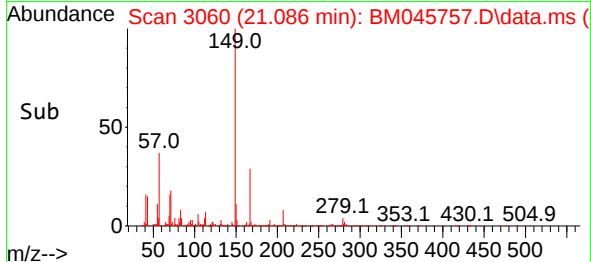
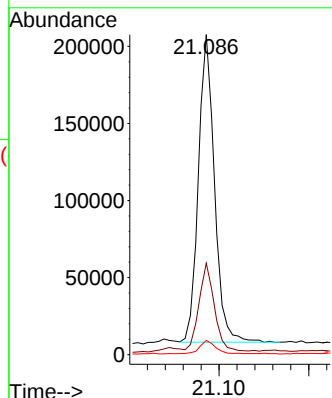
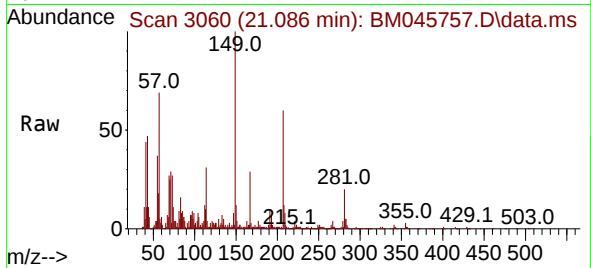




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.558 ng
 RT: 21.086 min Scan# 3060
 Delta R.T. -0.006 min
 Lab File: BM045757.D
 Acq: 23 May 2024 17:33

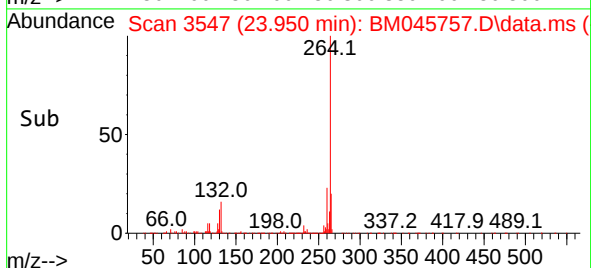
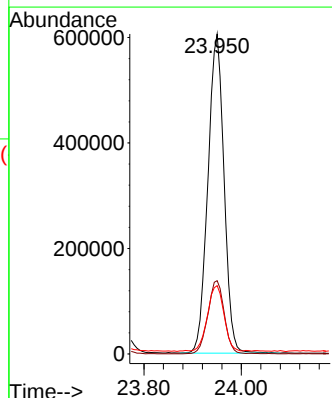
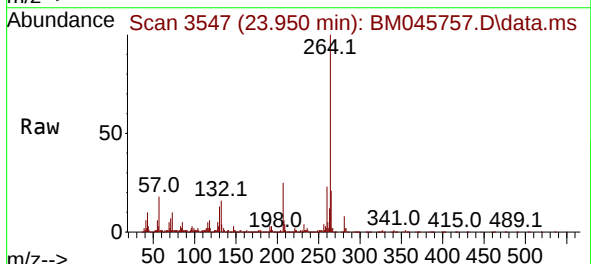
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

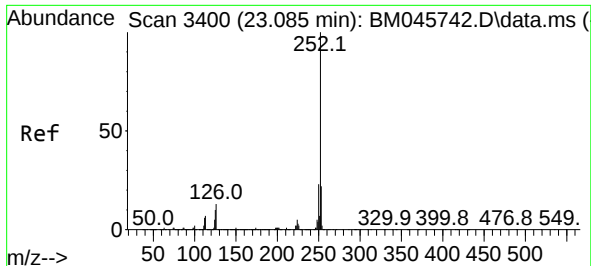
Tgt Ion:149 Resp: 247821
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.8 32.8
 279 4.5 3.3 4.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.950 min Scan# 3547
 Delta R.T. -0.012 min
 Lab File: BM045757.D
 Acq: 23 May 2024 17:33

Tgt Ion:264 Resp: 1385037
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.3 17.8 26.8

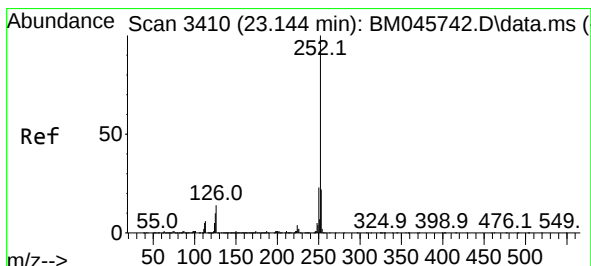
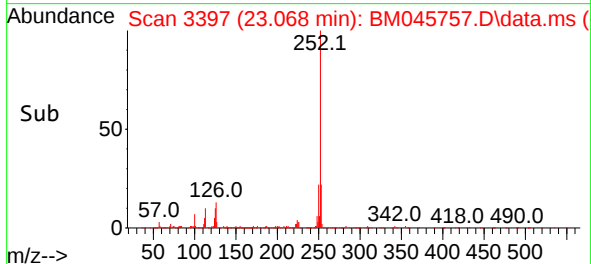
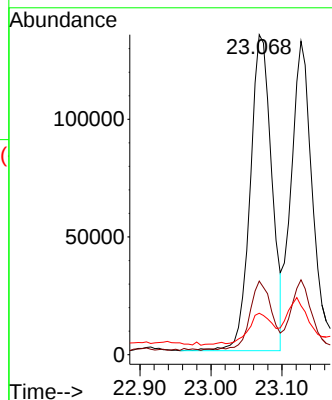
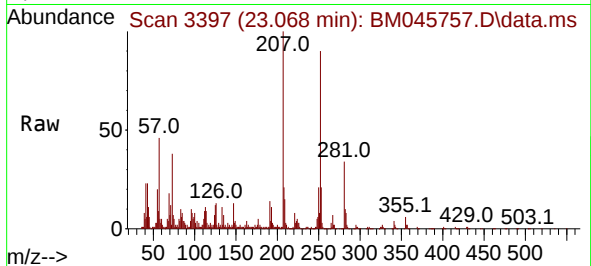




#88
Benzo(b)fluoranthene
Concen: 3.610 ng
RT: 23.068 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

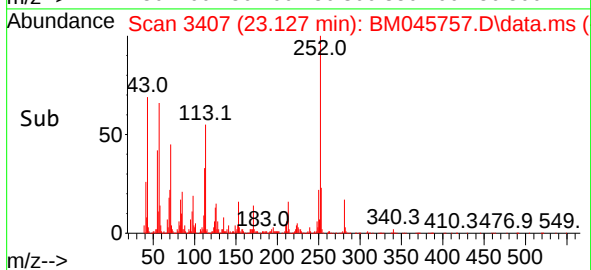
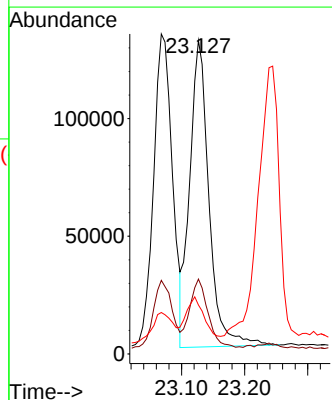
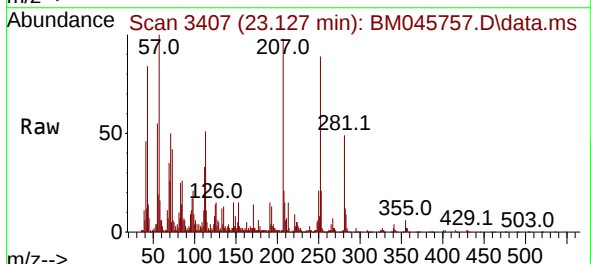
Instrument :
BNA_M
ClientSampleId :
EFF-WW

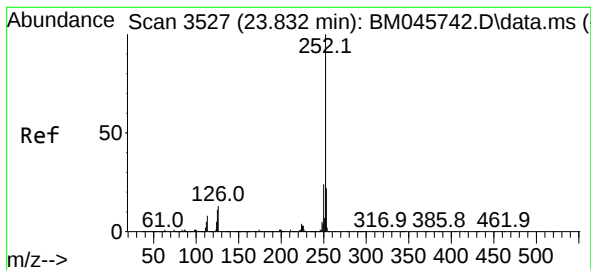
Tgt Ion:252 Resp: 283564
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 13.0 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.705 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.017 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Tgt Ion:252 Resp: 276179
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 15.6 8.1 12.1#





#90

Benzo(a)pyrene

Concen: 2.814 ng

RT: 23.815 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM045757.D

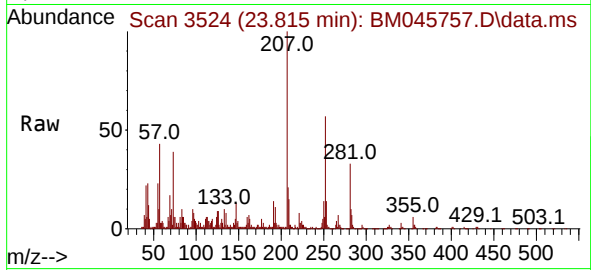
Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW



Tgt Ion:252 Resp: 192080

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 15.1 8.5 12.7#

