

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)

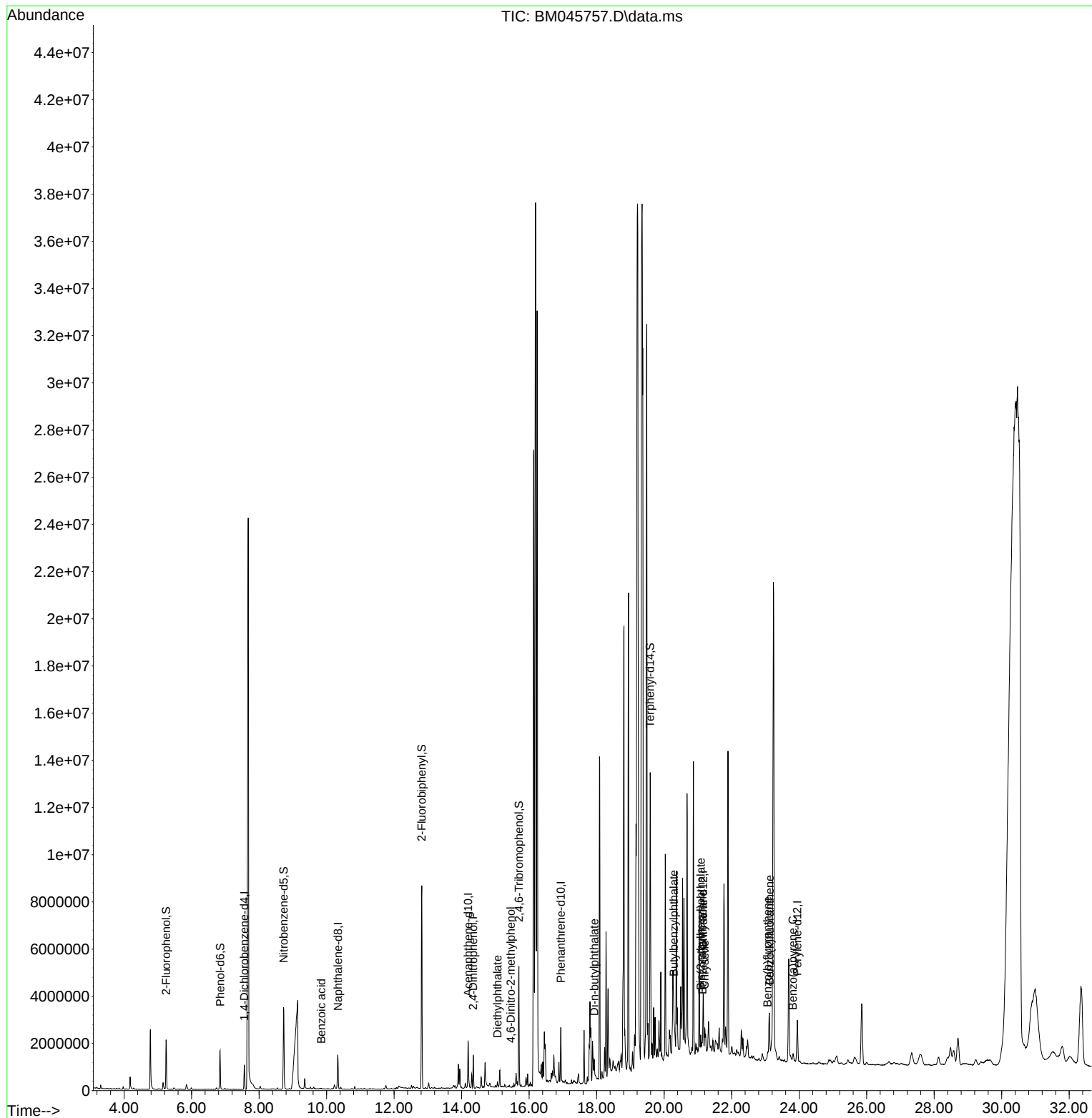
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	259250	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1070464	20.000	ng	0.00
39) Acenaphthene-d10	14.192	164	670404	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	1305303	20.000	ng	-0.01
76) Chrysene-d12	21.156	240	1267173	20.000	ng	-0.01
86) 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
32) Benzoic acid	9.845	122	133	6.238	ng	# 49
54) 2,4-Dinitrophenol	14.345	184	3643	8.605	ng	# 31
60) Diethylphthalate	15.063	149	113910	2.404	ng	99
65) 4,6-Dinitro-2-methylph...	15.457	198	53	4.886	ng	# 1
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	192733	2.546	ng	98
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

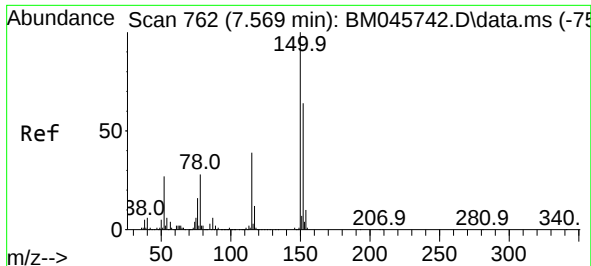
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

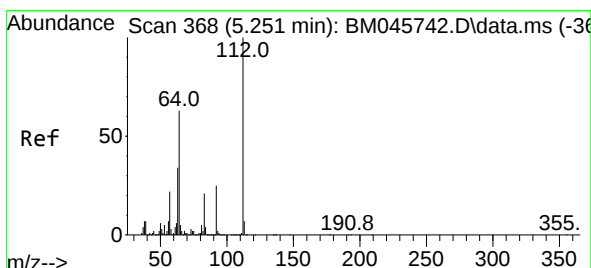
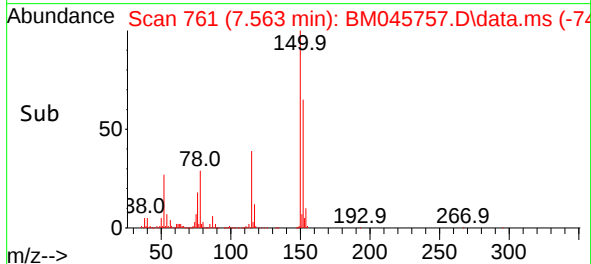
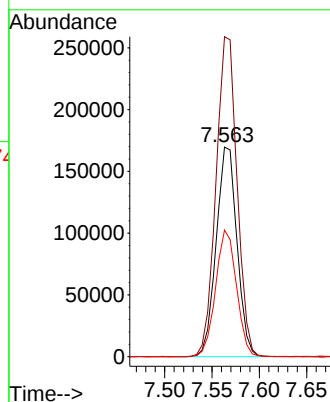
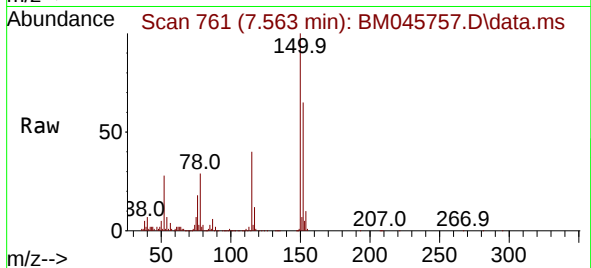




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.563 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

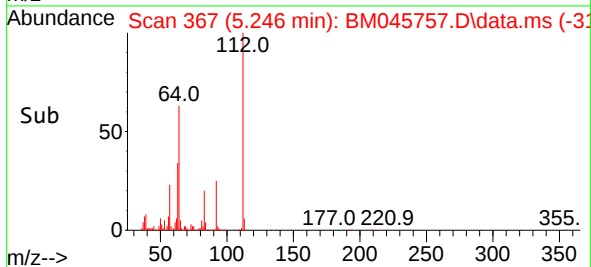
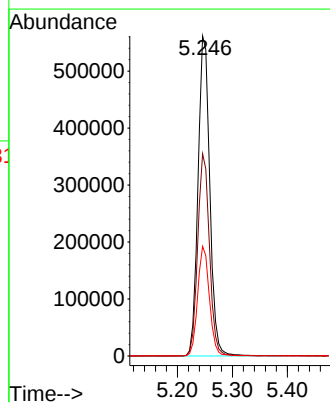
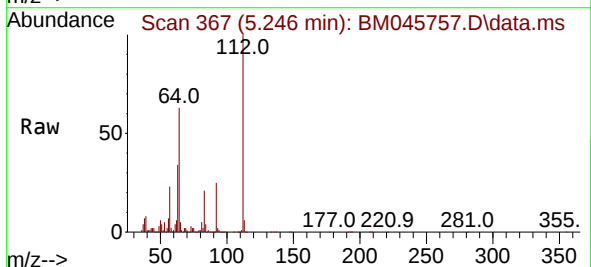
Instrument :
BNA_M
ClientSampleId :
EFF-WW

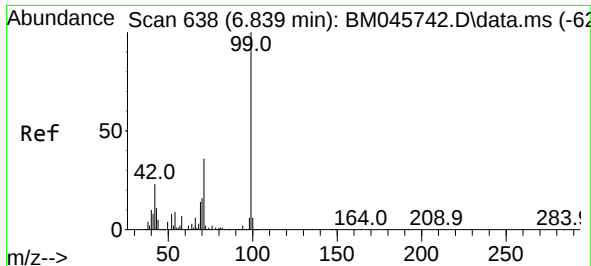
Tgt Ion:152 Resp: 259250
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.4
115 60.4 48.9 73.3



#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

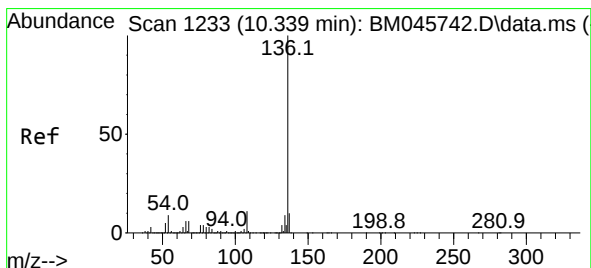
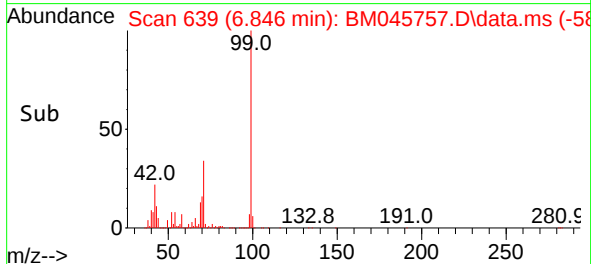
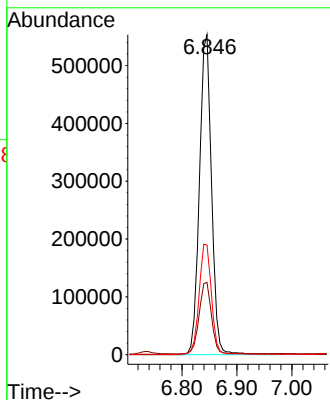
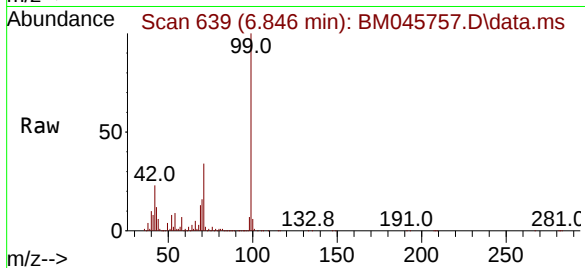




#7
Phenol-d6
Concen: 43.360 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

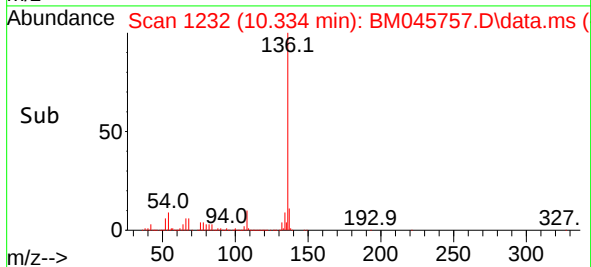
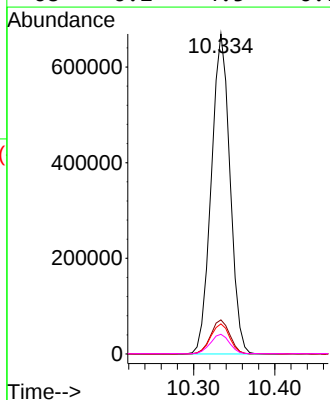
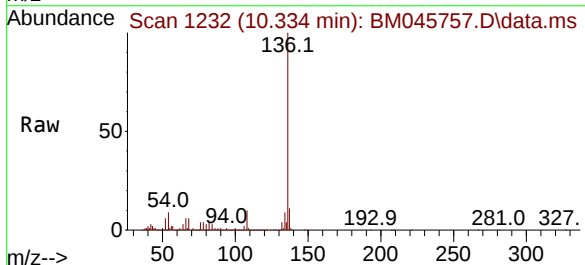
Instrument :
BNA_M
ClientSampleId :
EFF-WW

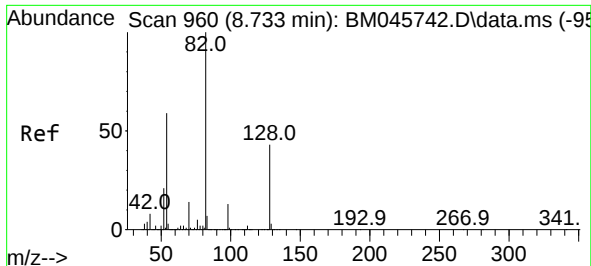
Tgt Ion: 99 Resp: 846476
Ion Ratio Lower Upper
99 100
42 22.6 18.3 27.5
71 34.3 28.5 42.7



#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

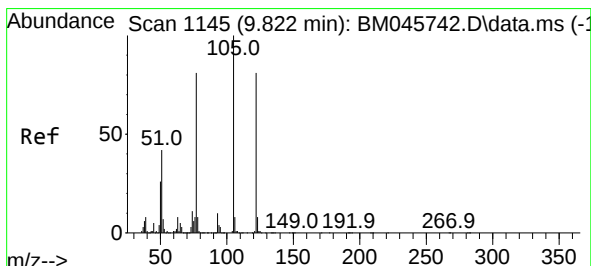
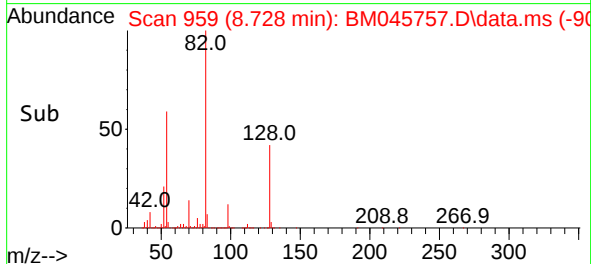
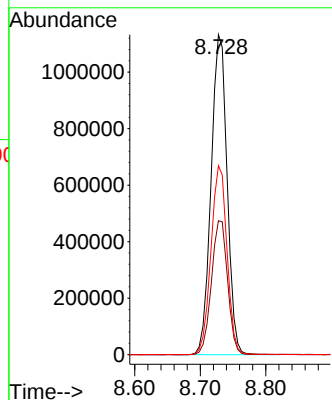
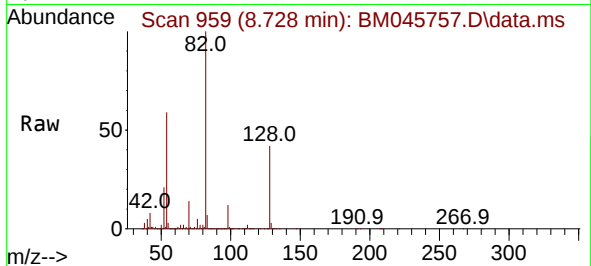




#23
Nitrobenzene-d5
Concen: 97.536 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

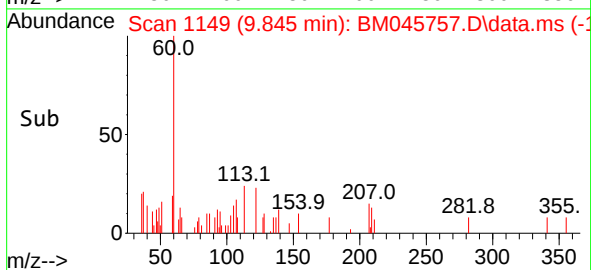
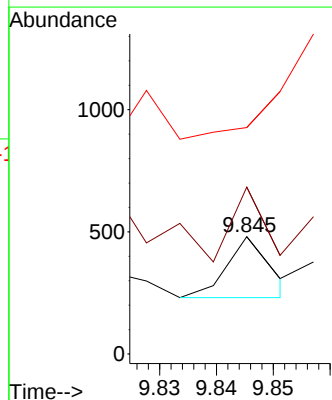
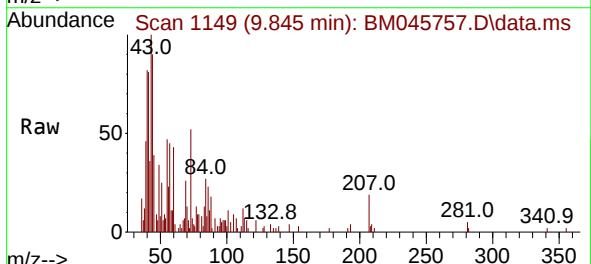
Instrument :
BNA_M
ClientSampleId :
EFF-WW

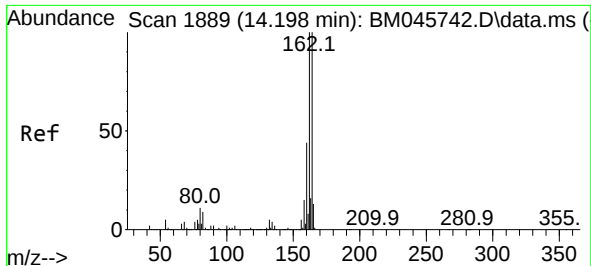
Tgt Ion: 82 Resp: 1919362
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.4
54 59.1 47.3 70.9



#32
Benzoic acid
Concen: 6.238 ng
RT: 9.845 min Scan# 1149
Delta R.T. 0.023 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Tgt Ion: 122 Resp: 133
Ion Ratio Lower Upper
122 100
105 142.3 103.0 143.0
77 193.1 79.9 119.9#

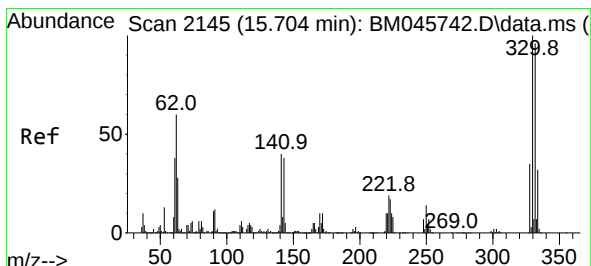
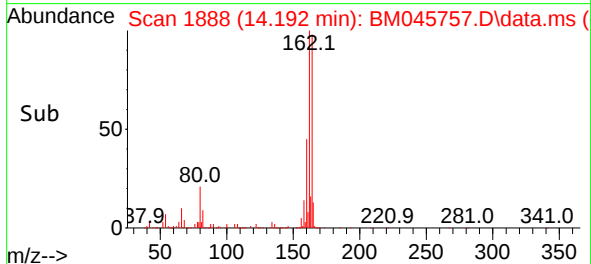
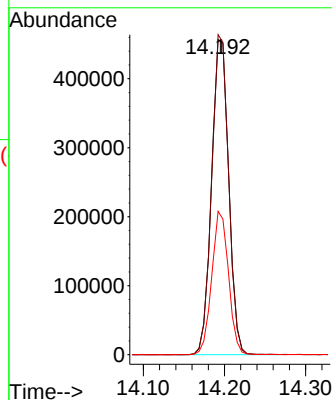
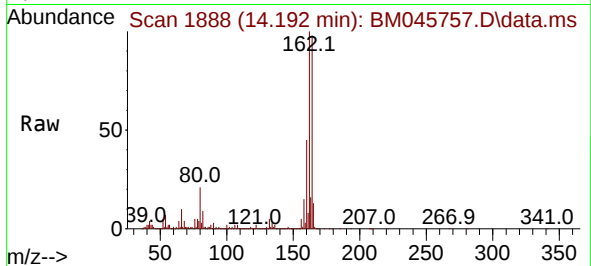




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

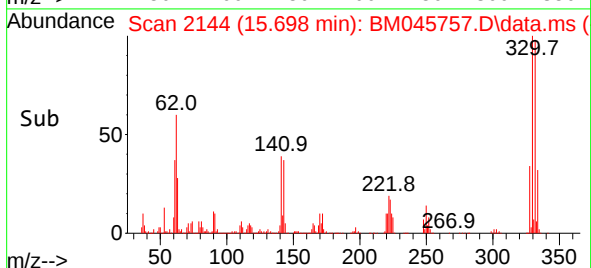
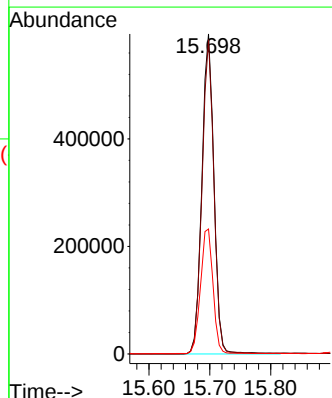
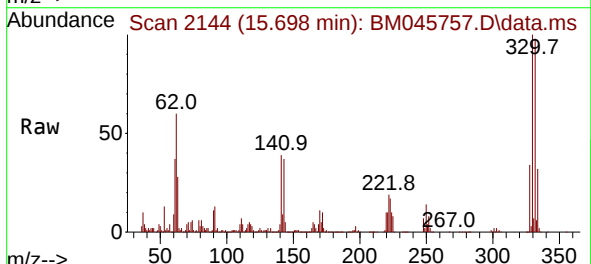
Instrument :
BNA_M
ClientSampleId :
EFF-WW

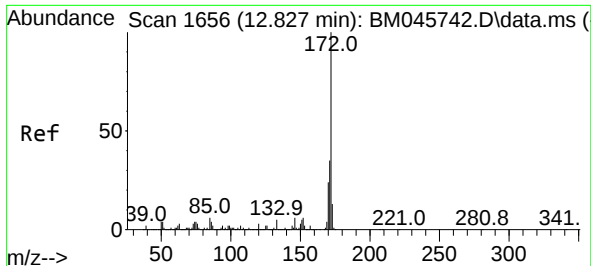
Tgt Ion:164 Resp: 670404
Ion Ratio Lower Upper
164 100
162 101.6 79.9 119.9
160 45.5 35.0 52.6



#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

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

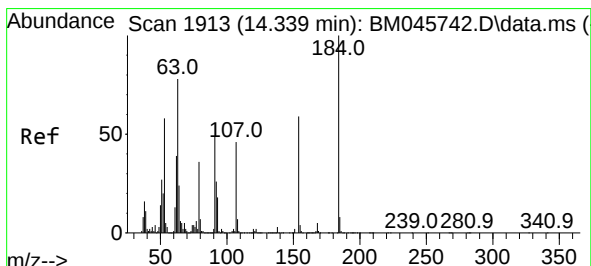
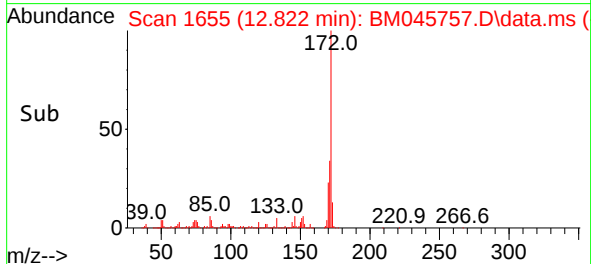
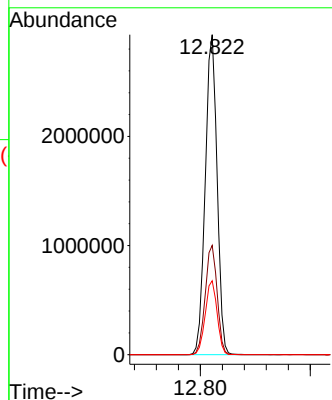
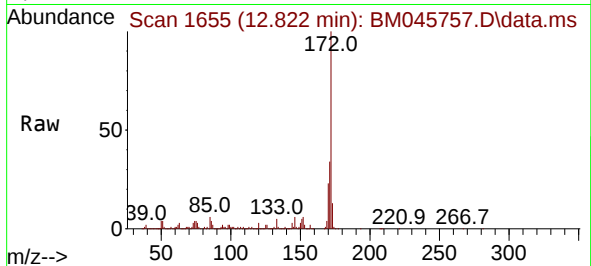




#45
2-Fluorobiphenyl
Concen: 104.701 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

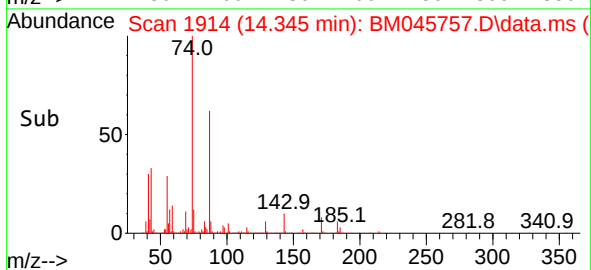
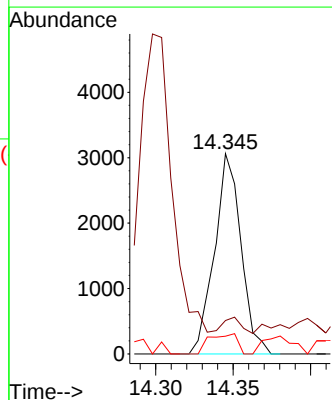
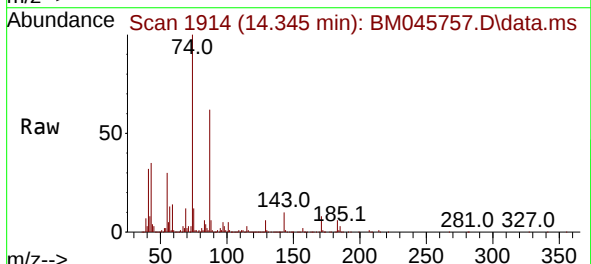
Instrument :
BNA_M
ClientSampleId :
EFF-WW

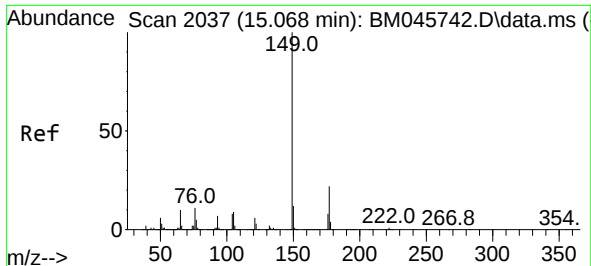
Tgt Ion:172 Resp: 4367284
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.1 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 8.605 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

Tgt Ion:184 Resp: 3643
Ion Ratio Lower Upper
184 100
63 16.7 62.3 93.5#
154 8.9 48.1 72.1#

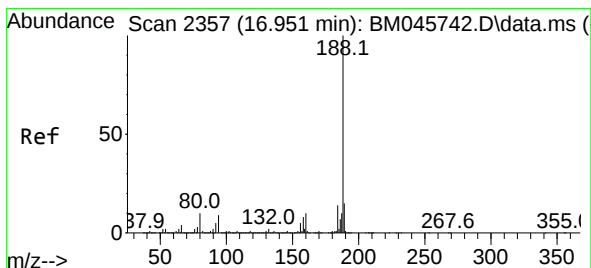
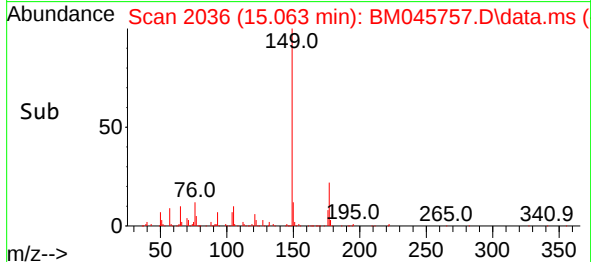
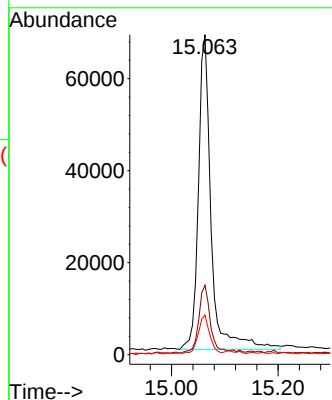
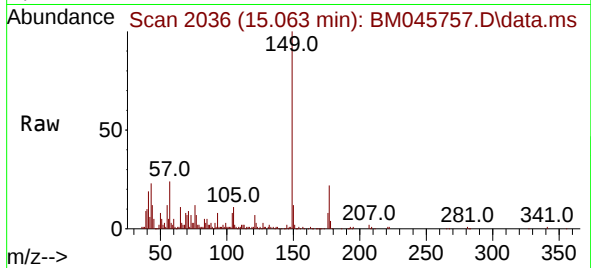




#60
Diethylphthalate
Concen: 2.404 ng
RT: 15.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

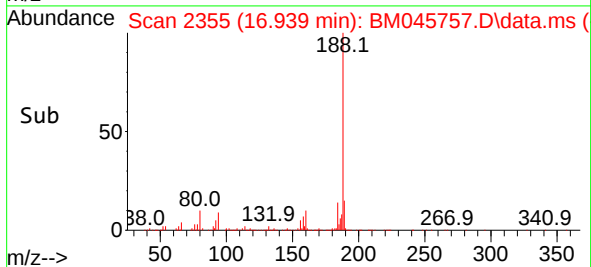
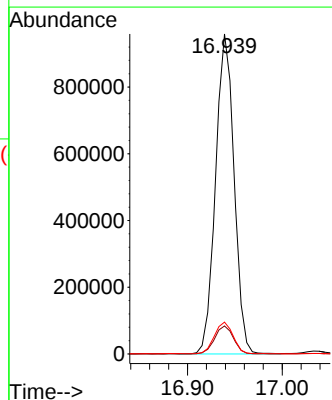
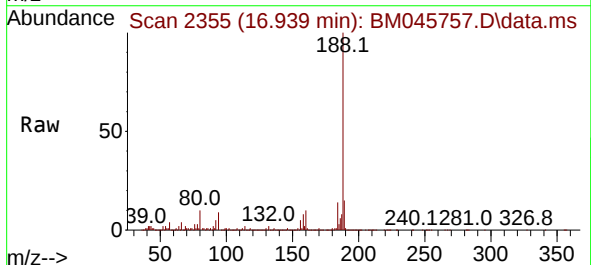
Instrument :
BNA_M
ClientSampleId :
EFF-WW

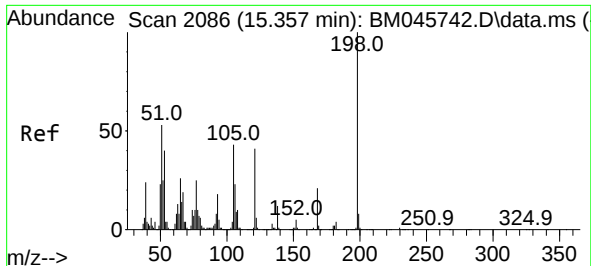
Tgt Ion:149 Resp: 113910
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.4 9.7 14.5



#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

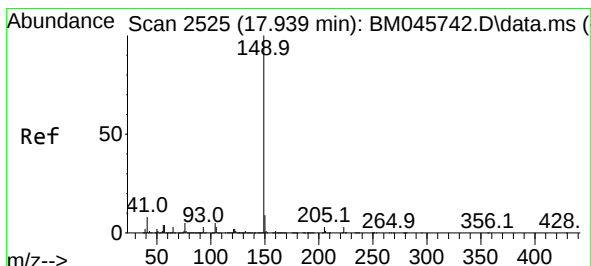
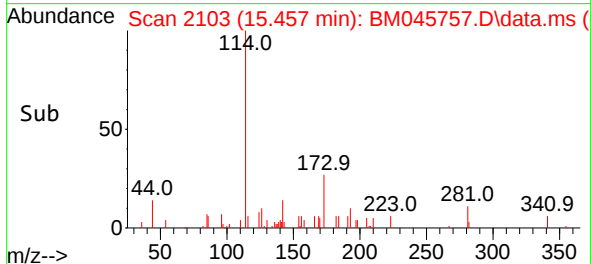
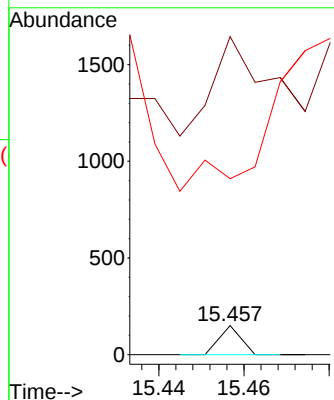
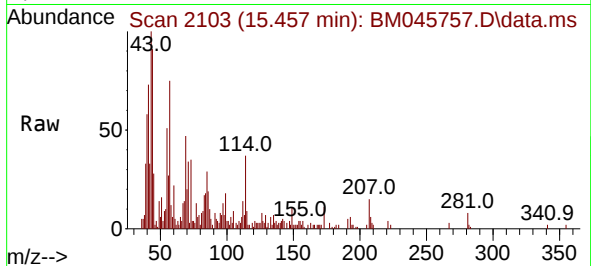




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.886 ng
 RT: 15.457 min Scan# 2103
 Delta R.T. 0.100 min
 Lab File: BM045757.D
 Acq: 23 May 2024 17:33

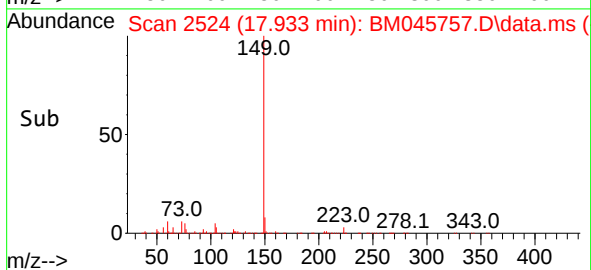
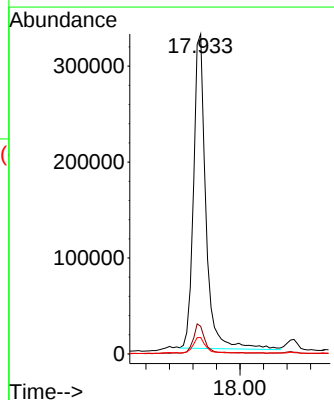
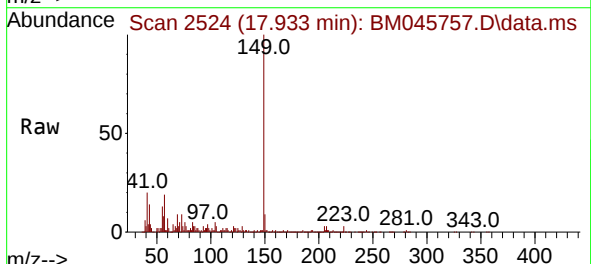
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

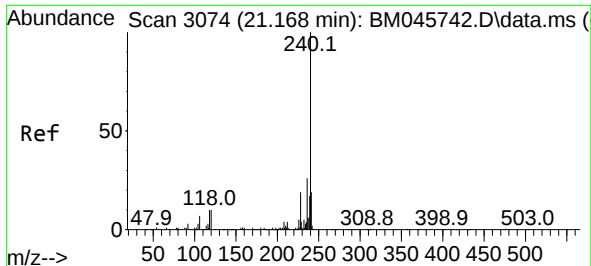
Tgt Ion:198 Resp: 53
 Ion Ratio Lower Upper
 198 100
 51 1096.7 33.3 73.3#
 105 606.7 23.4 63.4#



#74
 Di-n-butylphthalate
 Concen: 6.308 ng
 RT: 17.933 min Scan# 2524
 Delta R.T. -0.006 min
 Lab File: BM045757.D
 Acq: 23 May 2024 17:33

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

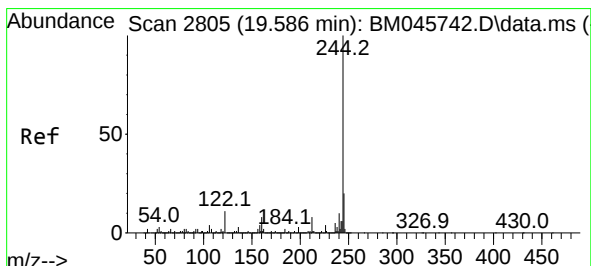
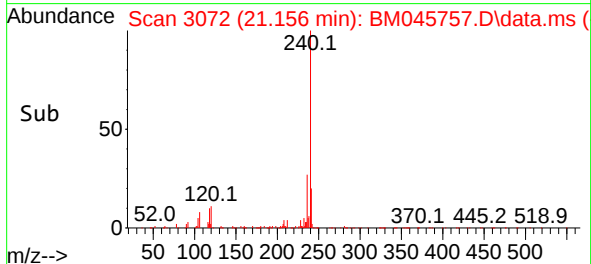
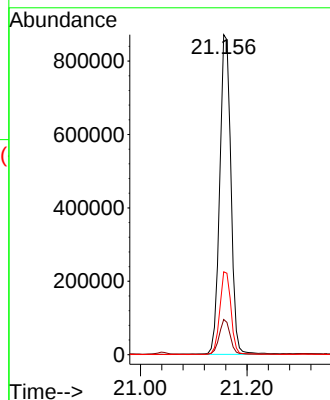
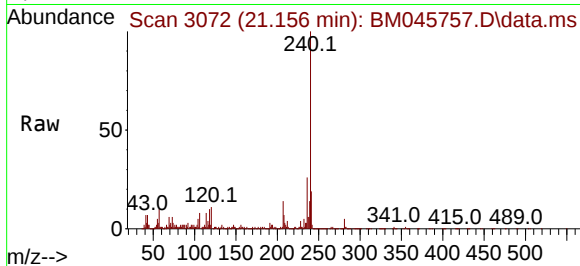




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.156 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

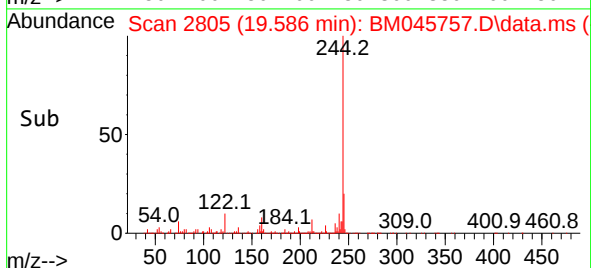
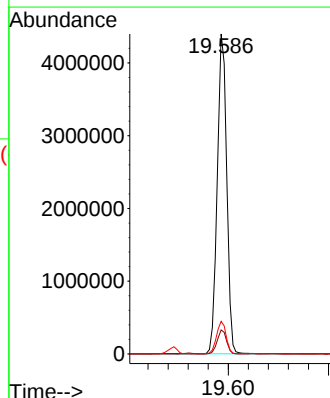
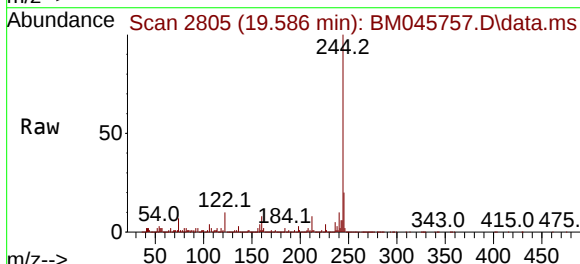
Instrument :
BNA_M
ClientSampleId :
EFF-WW

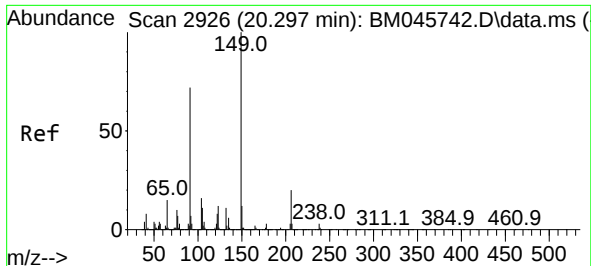
Tgt Ion:240 Resp: 1267173
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 83.418 ng
RT: 19.586 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

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

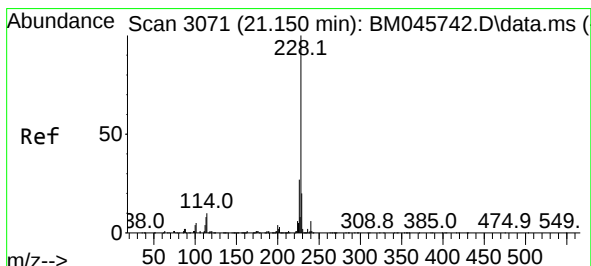
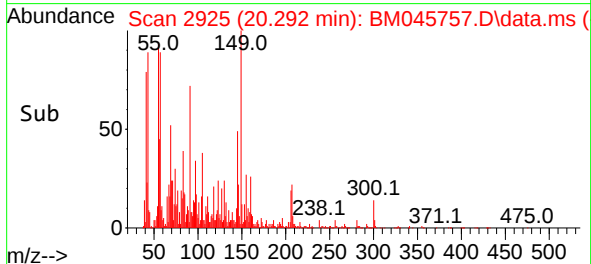
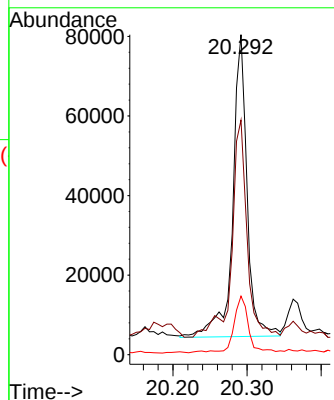
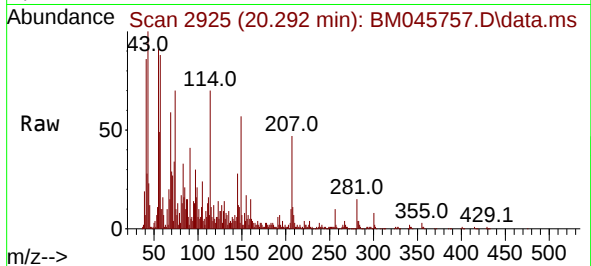




#80
Butylbenzylphthalate
Concen: 2.652 ng
RT: 20.292 min Scan# 2926
Delta R.T. -0.006 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

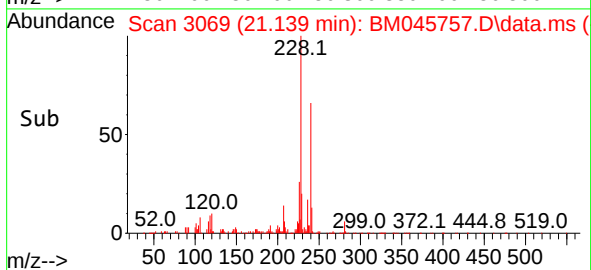
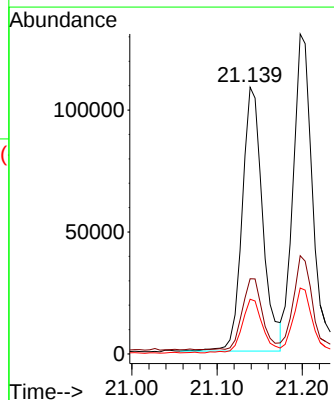
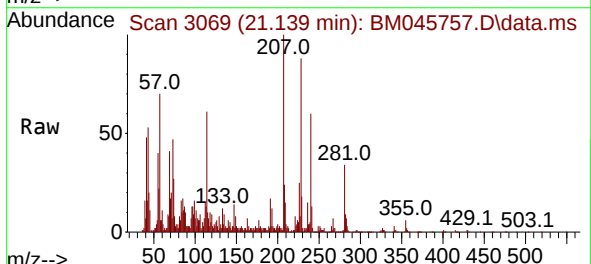
Instrument :
BNA_M
ClientSampleId :
EFF-WW

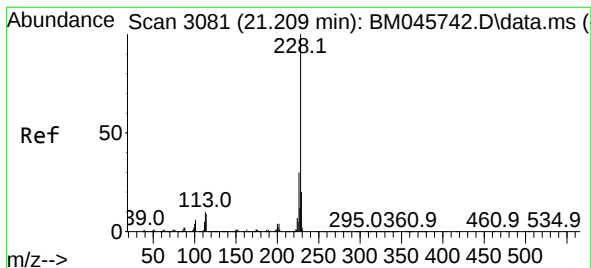
Tgt Ion:149 Resp: 102689
Ion Ratio Lower Upper
149 100
91 73.3 57.3 85.9
206 18.3 16.2 24.2



#81
Benzo(a)anthracene
Concen: 2.246 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.012 min
Lab File: BM045757.D
Acq: 23 May 2024 17:33

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: 2.546 ng

RT: 21.198 min Scan# 3081

Delta R.T. -0.012 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

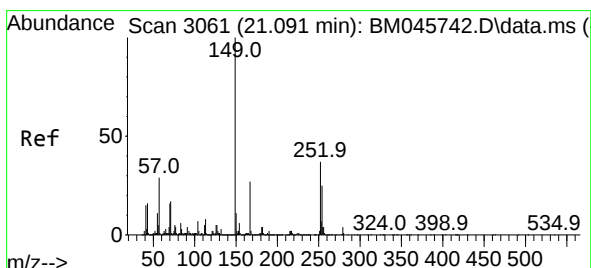
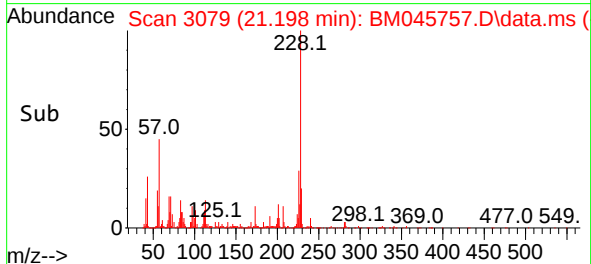
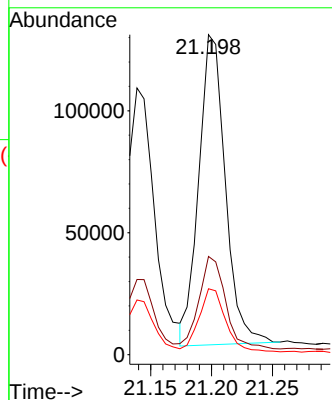
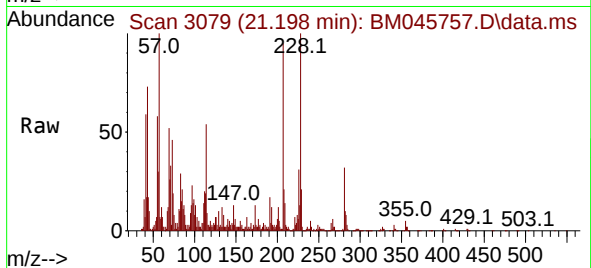
Tgt Ion:228 Resp: 192733

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

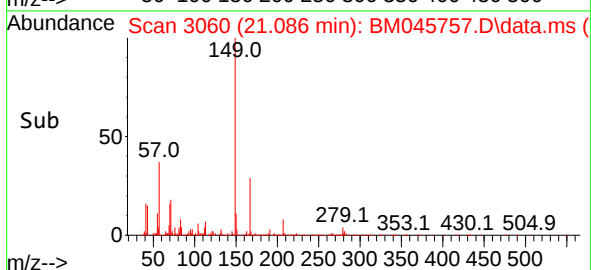
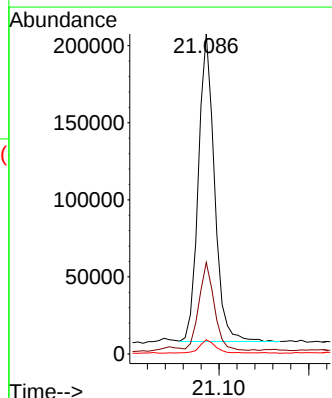
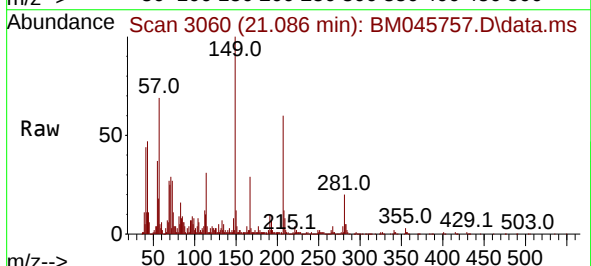
Tgt Ion:149 Resp: 247821

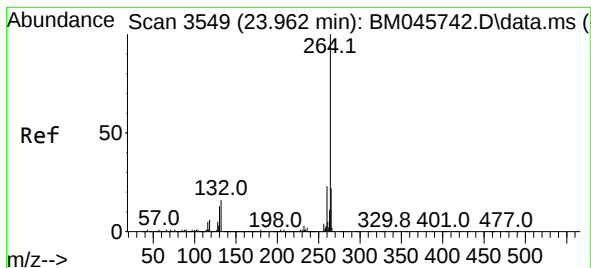
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.012 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

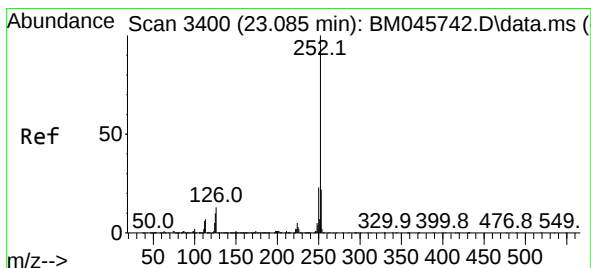
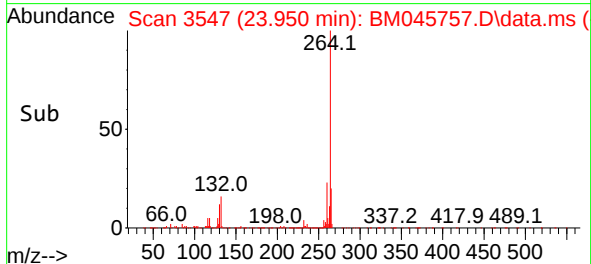
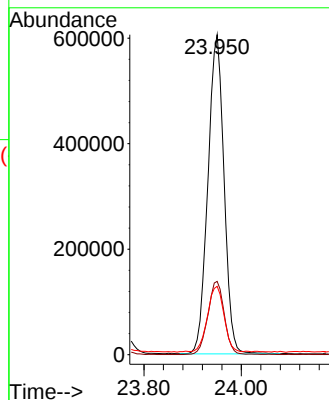
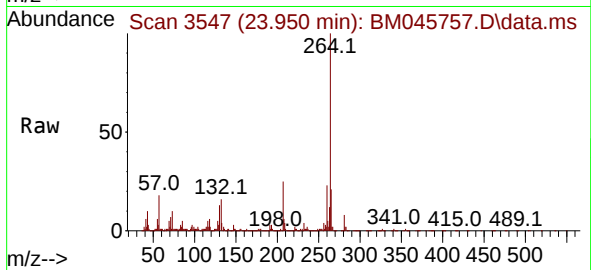
Tgt Ion:264 Resp: 1385037

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# 3397

Delta R.T. -0.017 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

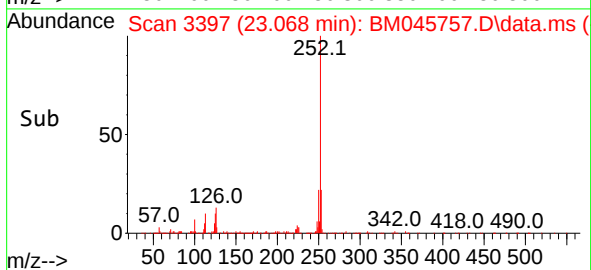
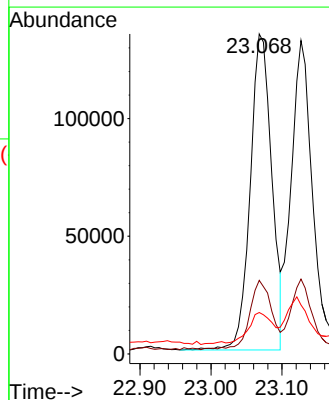
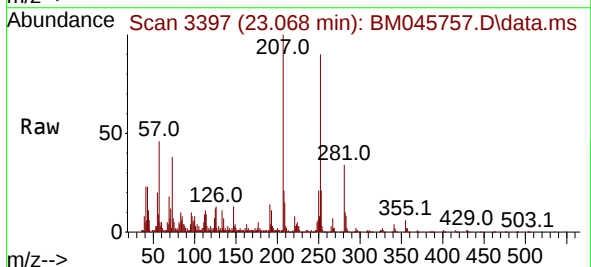
Tgt Ion:252 Resp: 283564

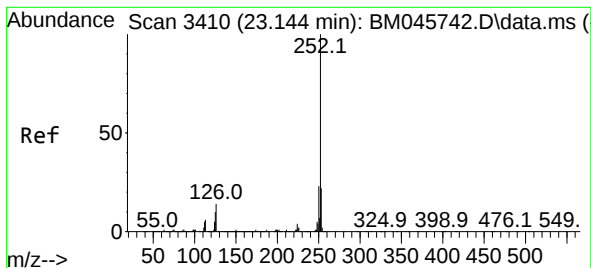
Ion Ratio Lower Upper

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# 34

Delta R.T. -0.017 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

Instrument :

BNA_M

ClientSampleId :

EFF-WW

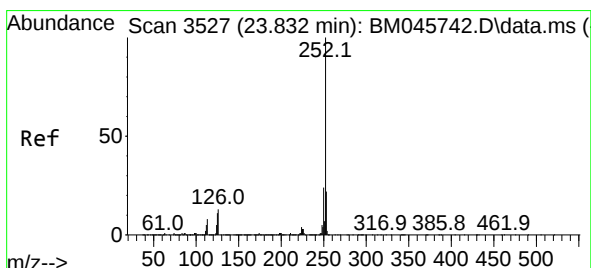
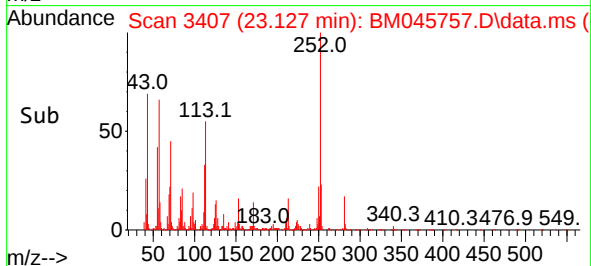
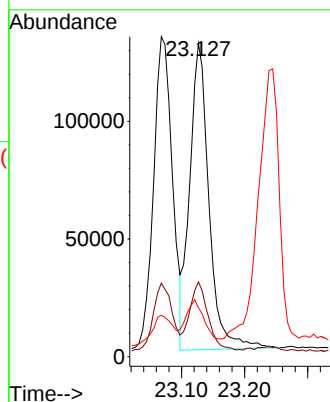
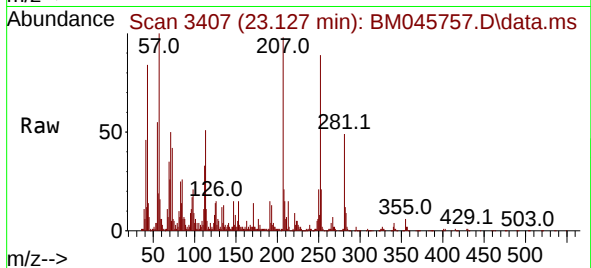
Tgt Ion:252 Resp: 276179

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# 3524

Delta R.T. -0.017 min

Lab File: BM045757.D

Acq: 23 May 2024 17:33

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#

