

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092923\
 Data File : BM042143.D
 Acq On : 29 Sep 2023 13:41
 Operator : MA/JU
 Sample : 04478-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

Quant Time: Sep 29 16:17:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

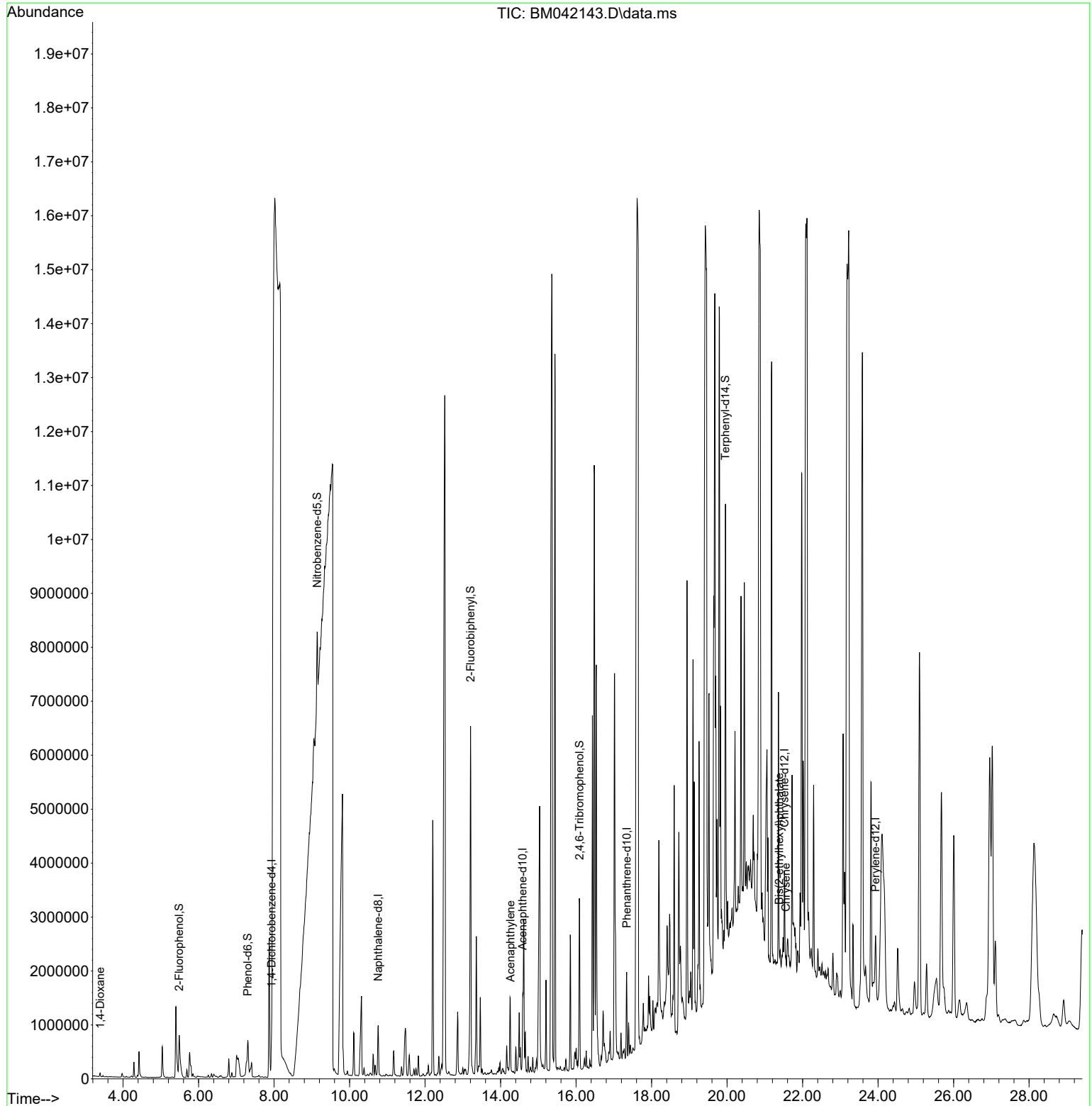
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	182450	20.000	ng	-0.04
21) Naphthalene-d8	10.757	136	747756	20.000	ng	-0.03
39) Acenaphthene-d10	14.586	164	453888	20.000	ng	-0.03
64) Phenanthrene-d10	17.339	188	882296	20.000	ng	-0.03
76) Chrysene-d12	21.521	240	780142	20.000	ng	-0.02
86) Perylene-d12	23.933	264	855486	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	549062	50.124	ng	-0.02
7) Phenol-d6	7.304	99	458453	30.143	ng	0.19
23) Nitrobenzene-d5	9.140	82	1017253	69.265	ng	-0.02
42) 2,4,6-Tribromophenol	16.092	330	521773	92.135	ng	-0.02
45) 2-Fluorobiphenyl	13.204	172	3078745	99.559	ng	-0.03
79) Terphenyl-d14	19.956	244	3679673	85.904	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.393	88	28227	6.318	ng	# 78
49) Acenaphthylene	14.263	152	112150	2.771	ng	100
83) Chrysene	21.556	228	98509	2.066	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.380	149	81263	2.269	ng	99

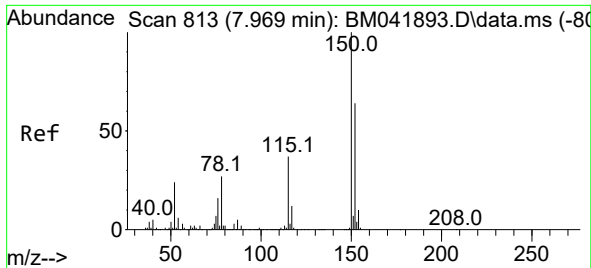
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092923\
Data File : BM042143.D
Acq On : 29 Sep 2023 13:41
Operator : MA/JU
Sample : 04478-02RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

Quant Time: Sep 29 16:17:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

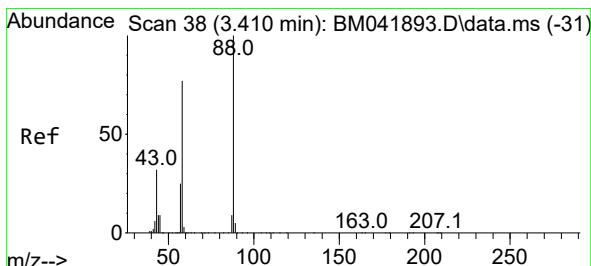
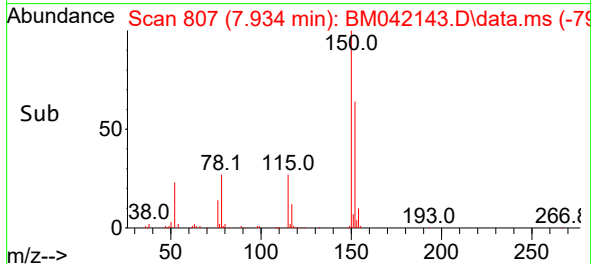
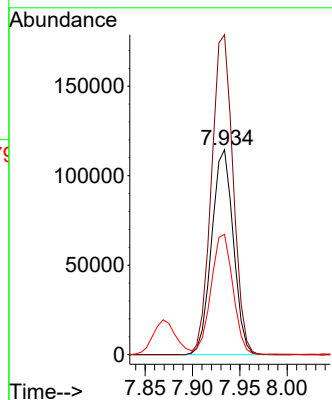
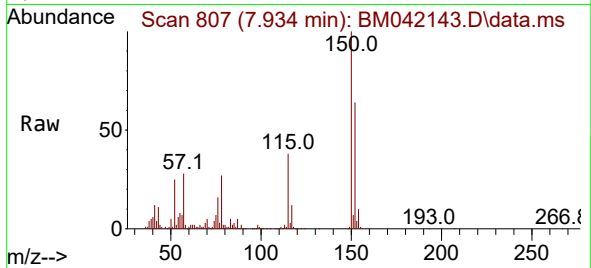




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 80
Delta R.T. -0.035 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

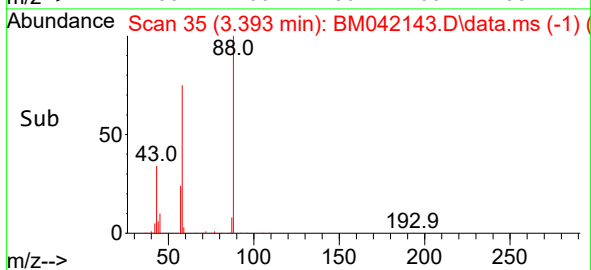
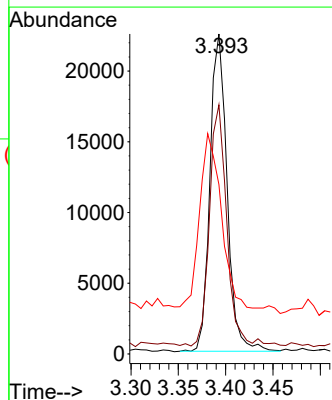
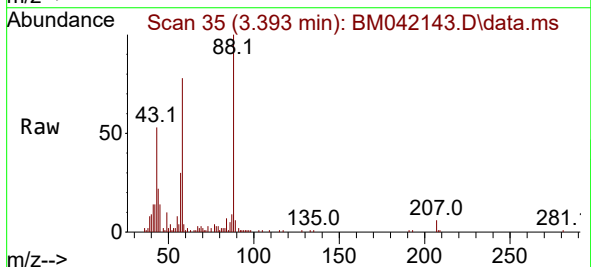
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

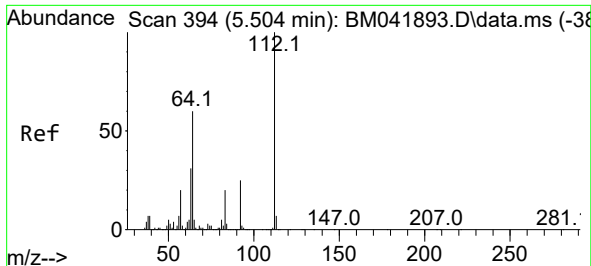
Tgt Ion:152 Resp: 182450
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 58.7 46.8 70.2



#2
1,4-Dioxane
Concen: 6.318 ng
RT: 3.393 min Scan# 35
Delta R.T. -0.018 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

Tgt Ion: 88 Resp: 28227
Ion Ratio Lower Upper
88 100
58 75.0 62.4 93.6
43 68.9 25.8 38.6#

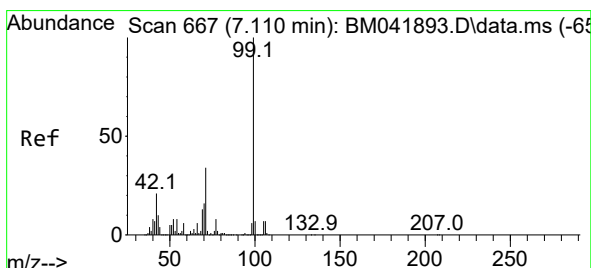
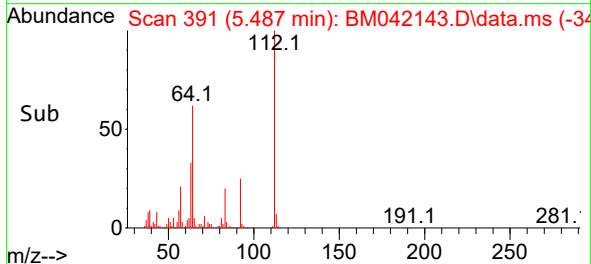
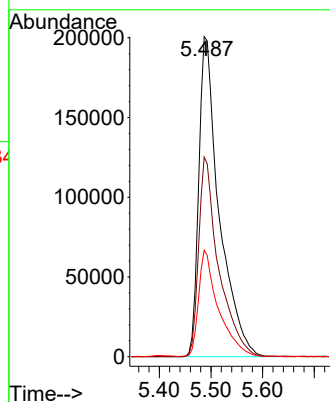
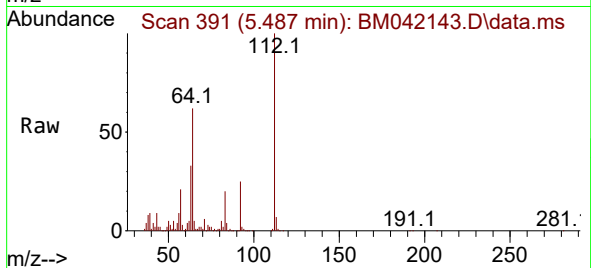




#5
2-Fluorophenol
Concen: 50.124 ng
RT: 5.487 min Scan# 394
Delta R.T. -0.018 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

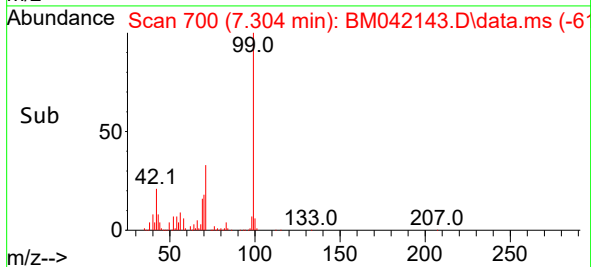
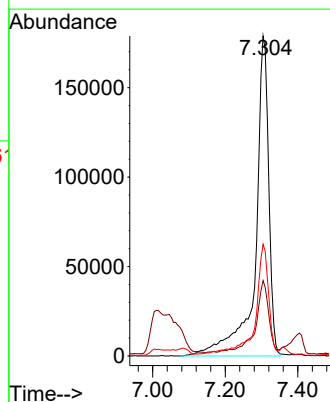
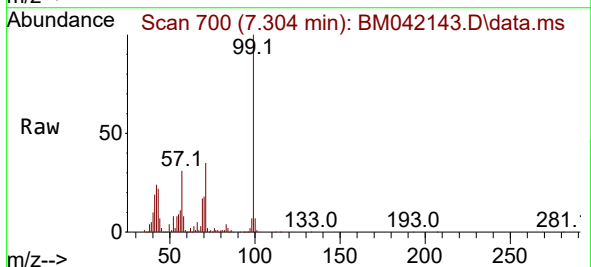
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

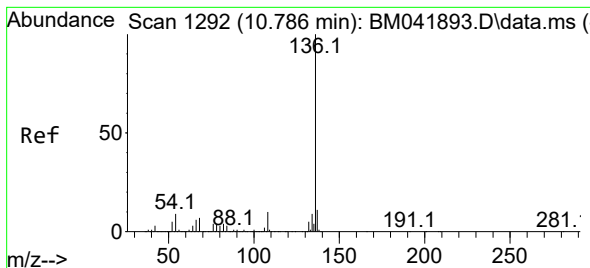
Tgt Ion:112 Resp: 549062
Ion Ratio Lower Upper
112 100
64 62.3 48.1 72.1
63 33.3 25.0 37.6



#7
Phenol-d6
Concen: 30.143 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.194 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

Tgt Ion: 99 Resp: 458453
Ion Ratio Lower Upper
99 100
42 23.6 16.6 25.0
71 34.9 26.8 40.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.757 min Scan# 1287

Delta R.T. -0.029 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

Tgt Ion:136 Resp: 747756

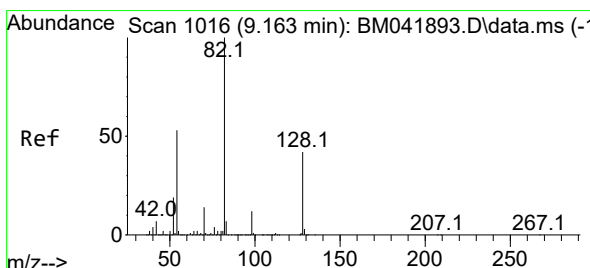
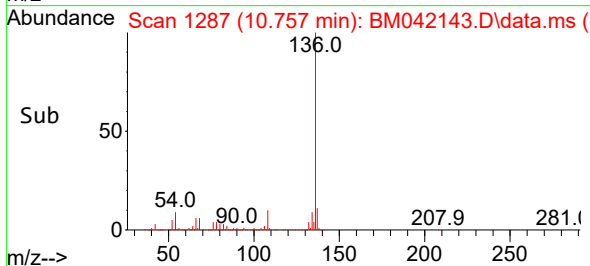
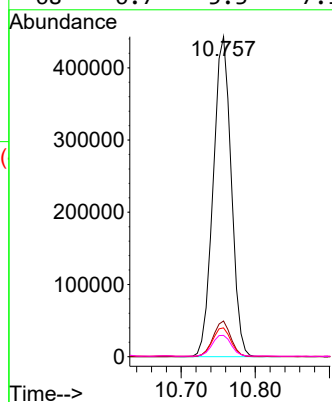
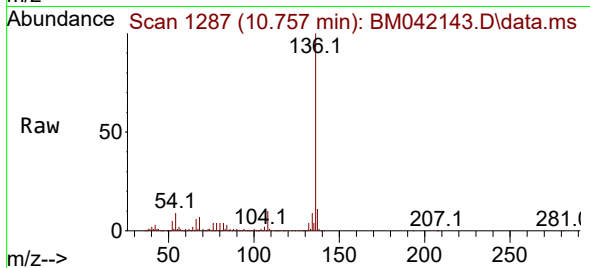
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.0 7.0 10.4

68 6.7 5.3 7.9



#23

Nitrobenzene-d5

Concen: 69.265 ng

RT: 9.140 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

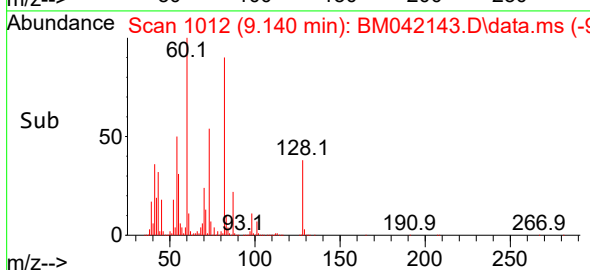
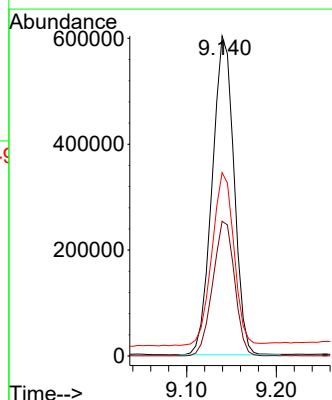
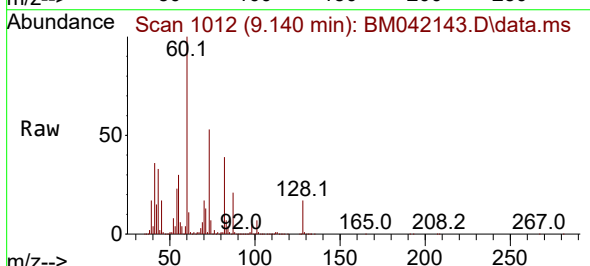
Tgt Ion: 82 Resp: 1017253

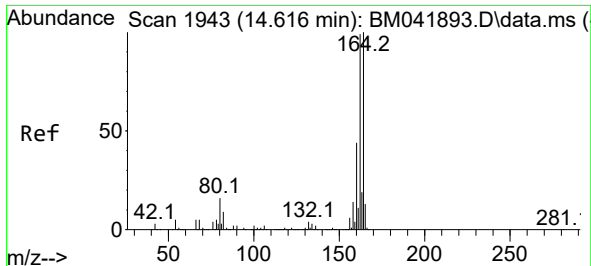
Ion Ratio Lower Upper

82 100

128 42.1 33.8 50.6

54 57.3 42.8 64.2

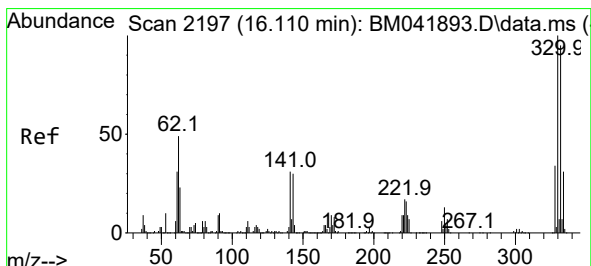
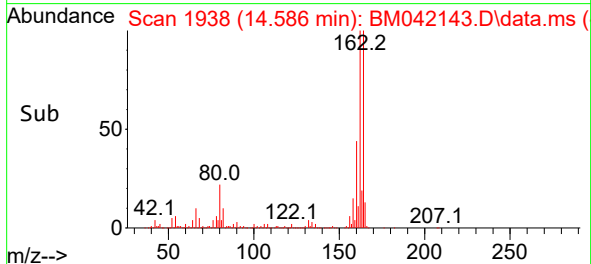
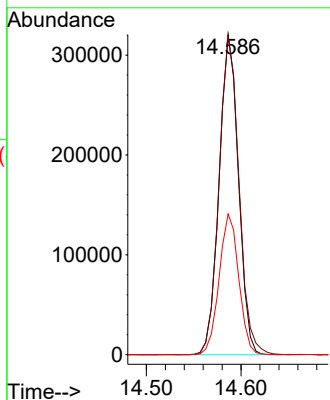
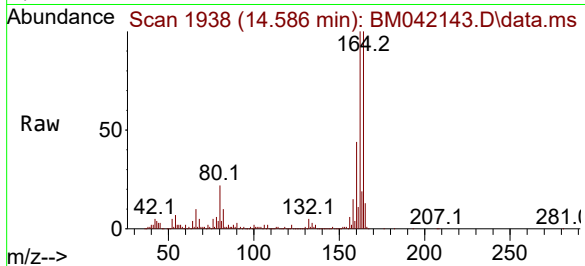




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1943
Delta R.T. -0.030 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

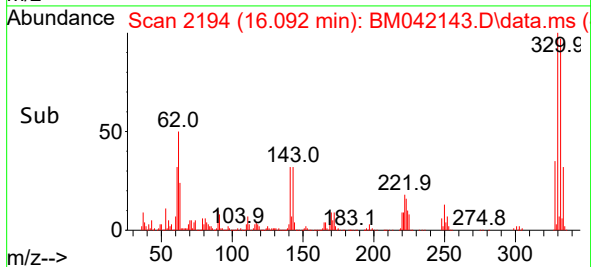
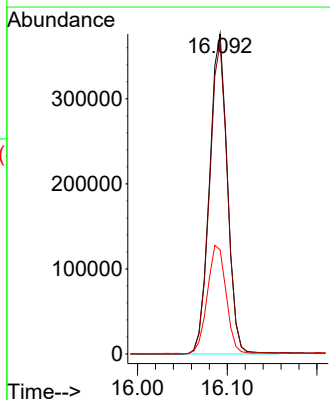
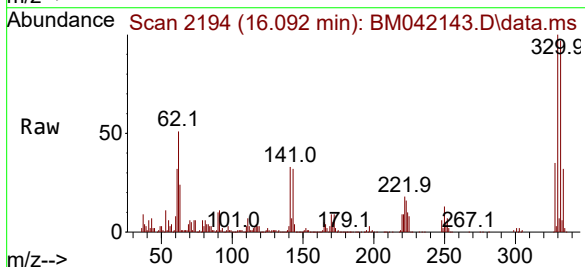
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

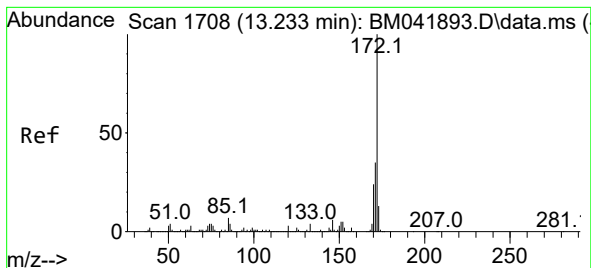
Tgt Ion:164 Resp: 453888
Ion Ratio Lower Upper
164 100
162 99.8 79.3 118.9
160 44.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 92.135 ng
RT: 16.092 min Scan# 2194
Delta R.T. -0.018 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

Tgt Ion:330 Resp: 521773
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 35.5 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 99.559 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.029 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

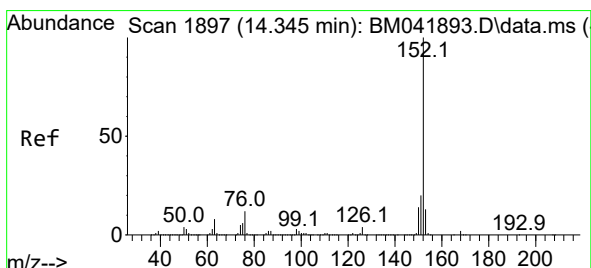
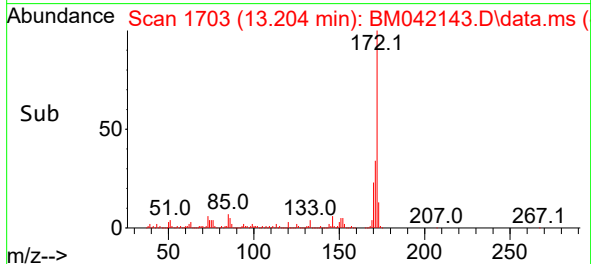
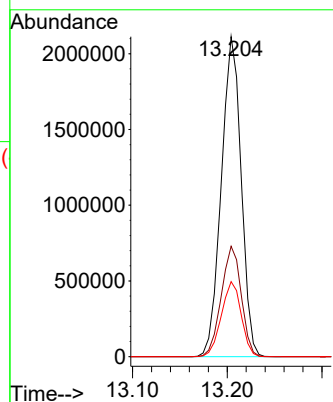
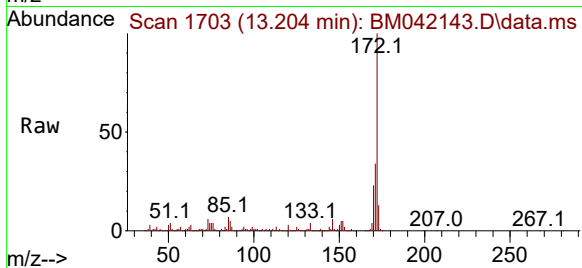
Tgt Ion:172 Resp: 3078745

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 23.4 19.1 28.7



#49

Acenaphthylene

Concen: 2.771 ng

RT: 14.263 min Scan# 1883

Delta R.T. -0.082 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

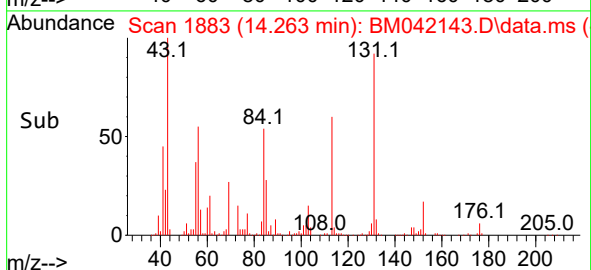
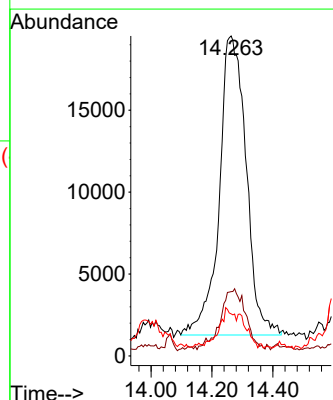
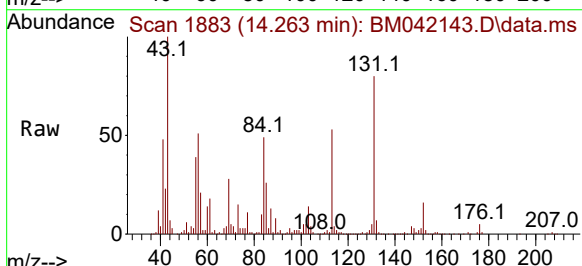
Tgt Ion:152 Resp: 112150

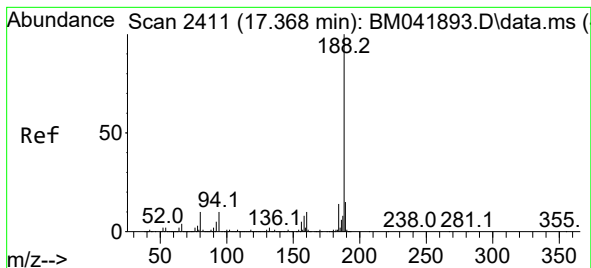
Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.5 15.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 2411

Delta R.T. -0.029 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

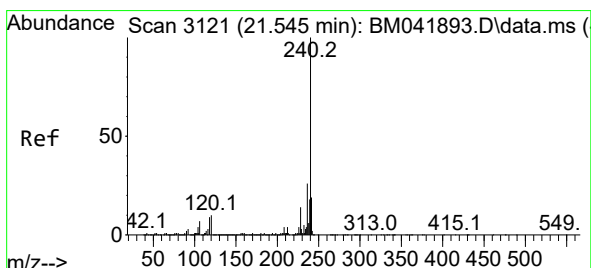
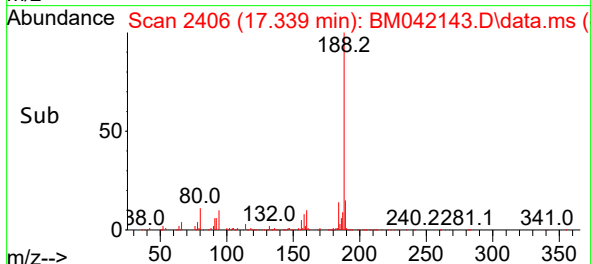
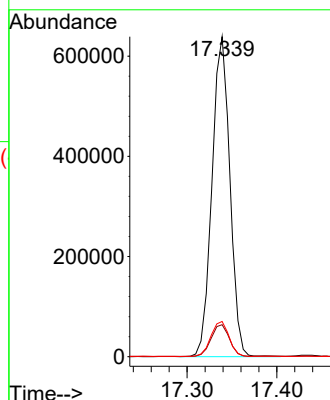
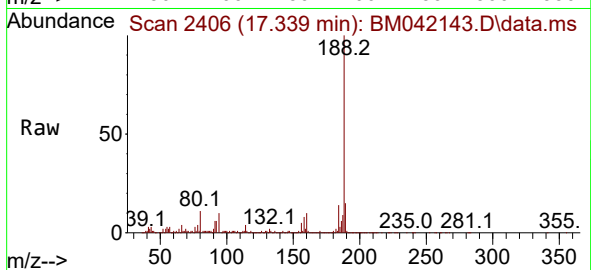
Tgt Ion:188 Resp: 882296

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 11.0 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.024 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

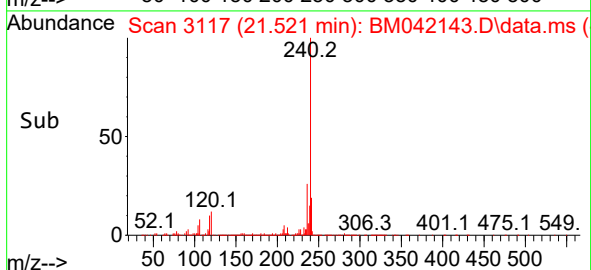
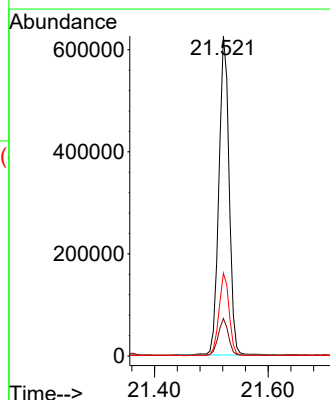
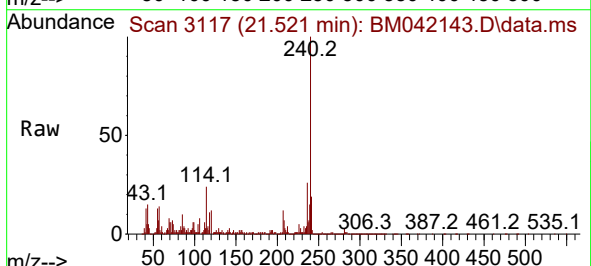
Tgt Ion:240 Resp: 780142

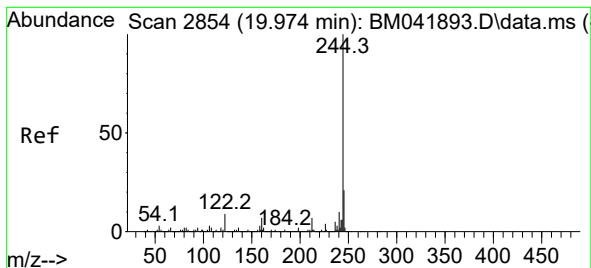
Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 85.904 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

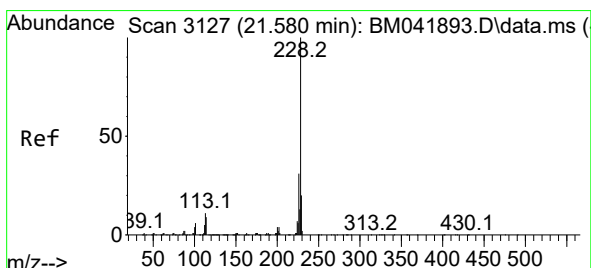
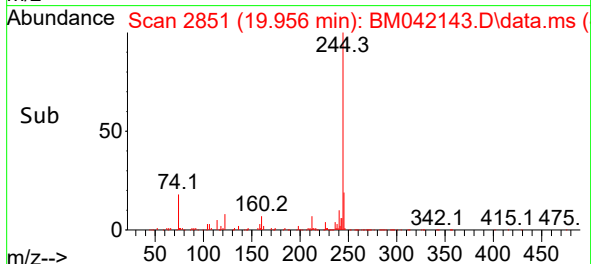
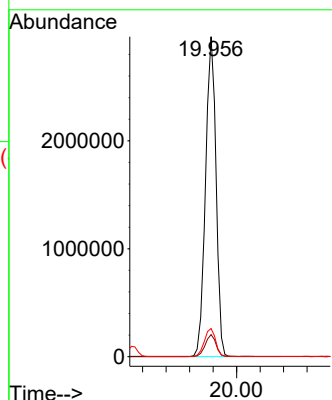
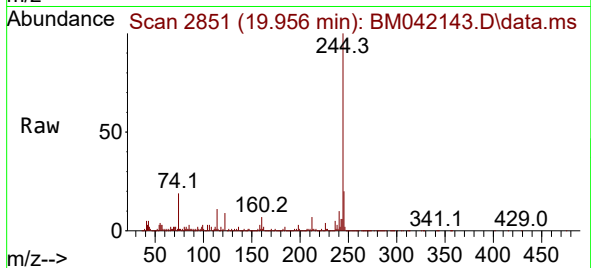
Tgt Ion:244 Resp: 3679673

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 8.8 7.4 11.0



#83

Chrysene

Concen: 2.066 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.024 min

Lab File: BM042143.D

Acq: 29 Sep 2023 13:41

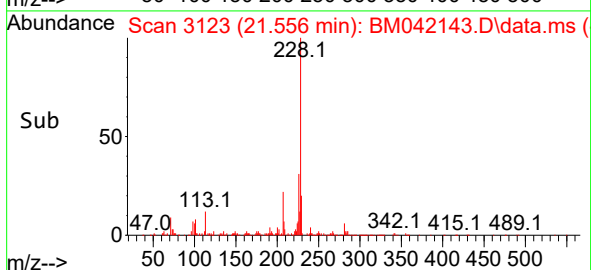
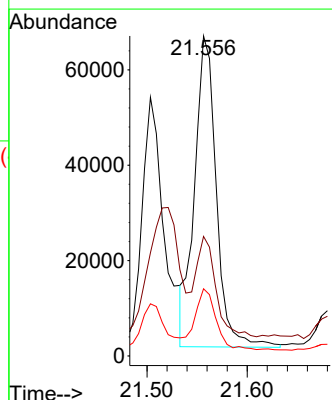
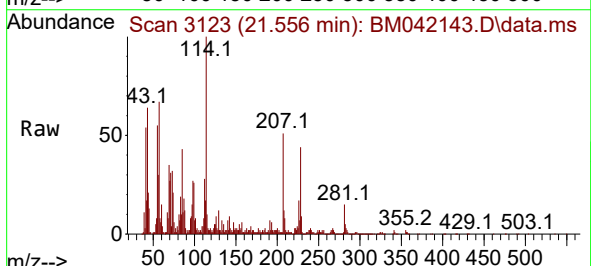
Tgt Ion:228 Resp: 98509

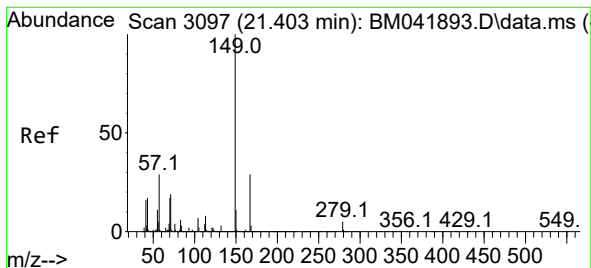
Ion Ratio Lower Upper

228 100

226 37.4 24.4 36.6#

229 21.0 16.0 24.0

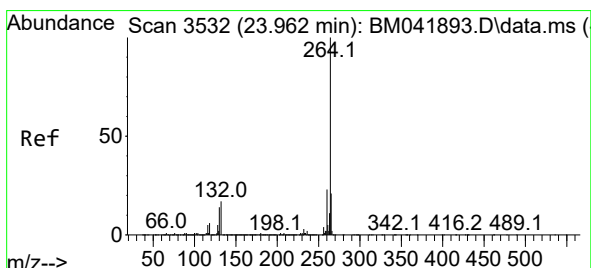
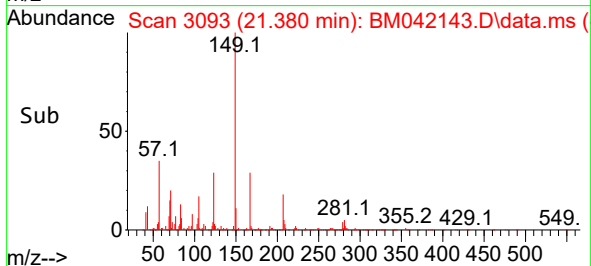
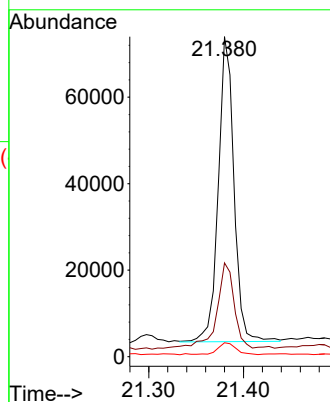
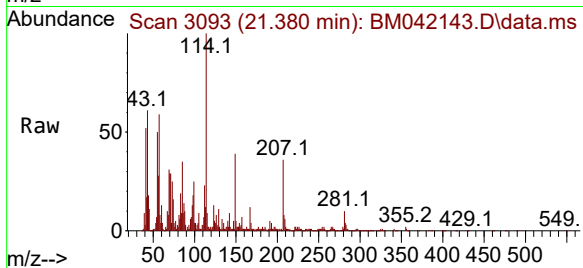




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.269 ng
RT: 21.380 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

Tgt Ion:149 Resp: 81263
Ion Ratio Lower Upper
149 100
167 29.3 23.0 34.6
279 4.3 3.7 5.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. -0.029 min
Lab File: BM042143.D
Acq: 29 Sep 2023 13:41

Tgt Ion:264 Resp: 855486
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 23.6 17.0 25.6

