

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041195.D
 Acq On : 31 Jul 2023 18:41
 Operator : MA/JU
 Sample : 03642-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WWRE

Quant Time: Jul 31 19:13:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	158727	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	521469	20.000	ng	# 0.00
39) Acenaphthene-d10	14.468	164	384903	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	804010	20.000	ng	0.00
76) Chrysene-d12	21.427	240	737974	20.000	ng	0.00
86) Perylene-d12	23.797	264	856505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	396539	37.338	ng	0.01
7) Phenol-d6	6.992	99	383169	27.834	ng	0.02
23) Nitrobenzene-d5	8.981	82	1126424	100.454	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	438975	80.631	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2376633	78.001	ng	0.00
79) Terphenyl-d14	19.862	244	3858831	94.542	ng	0.00

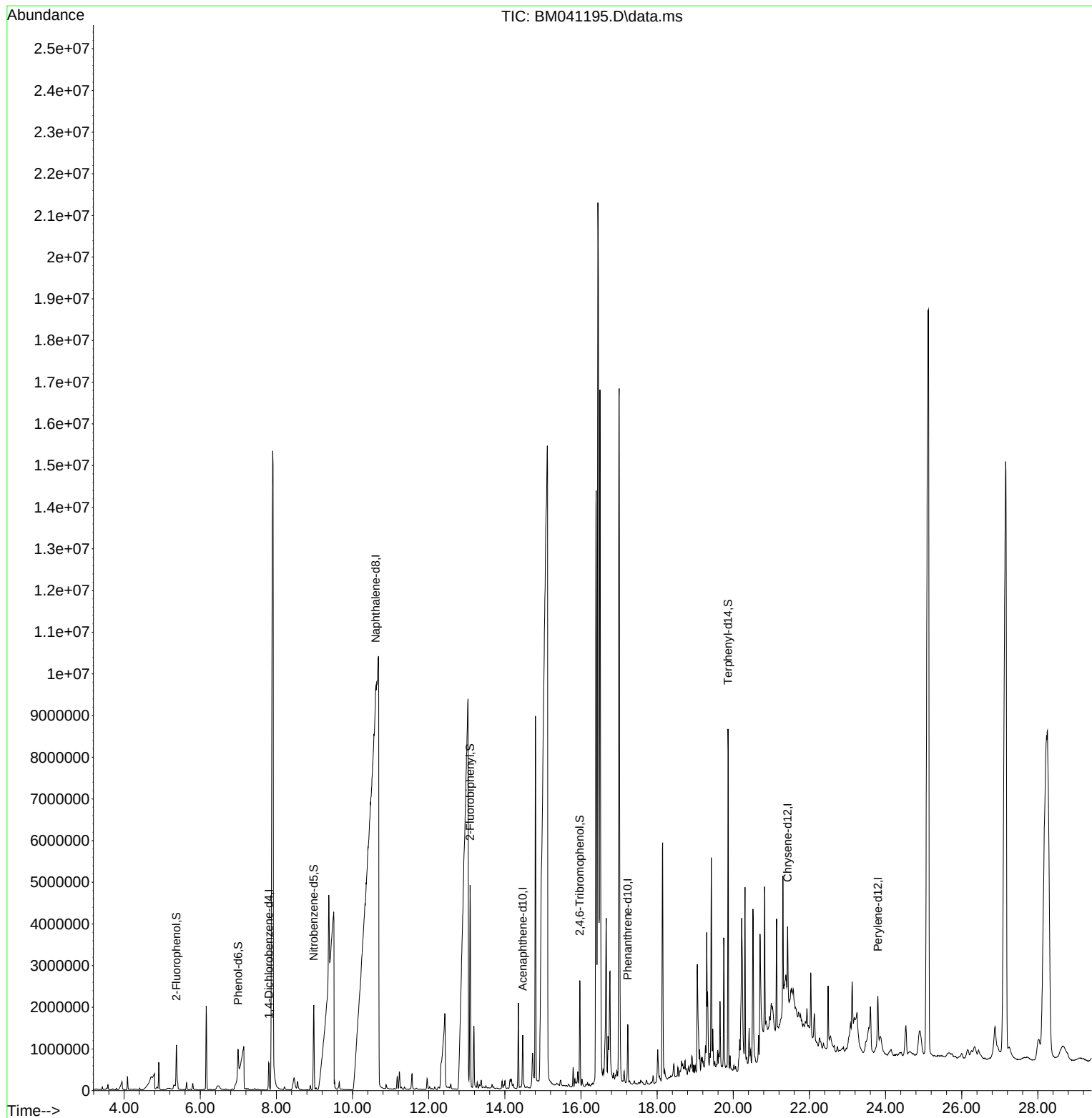
Target Compounds	Qvalue

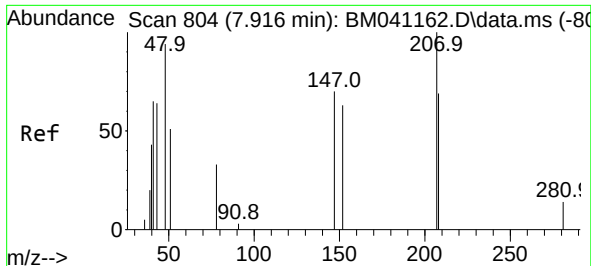
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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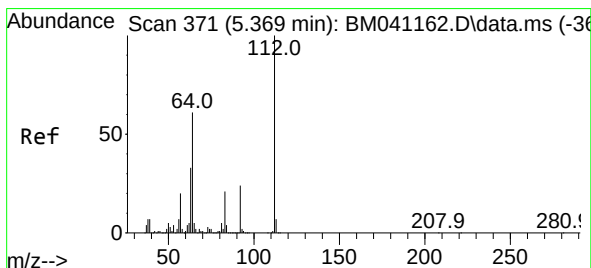
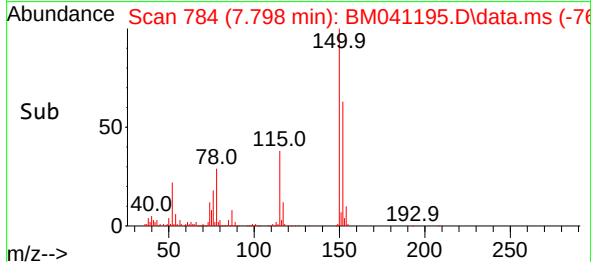
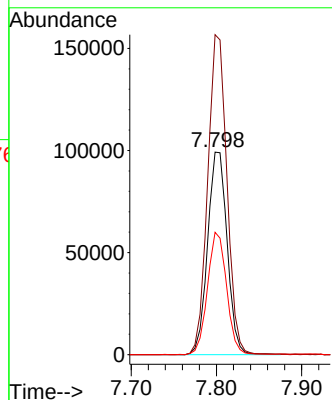
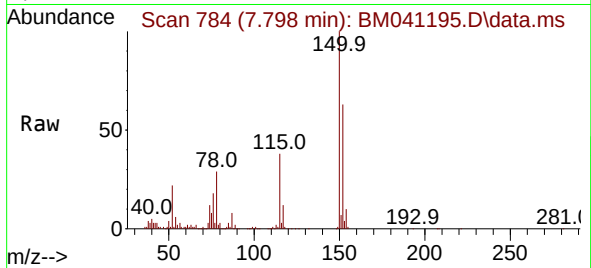




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

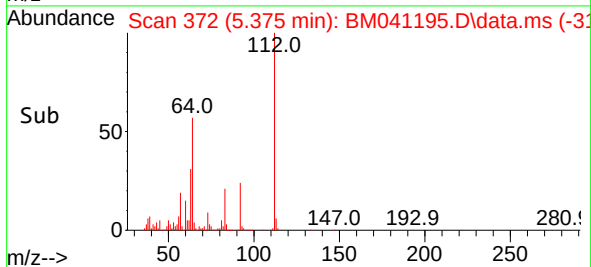
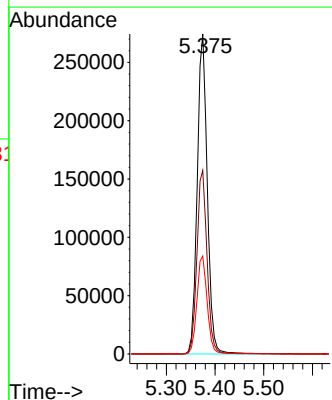
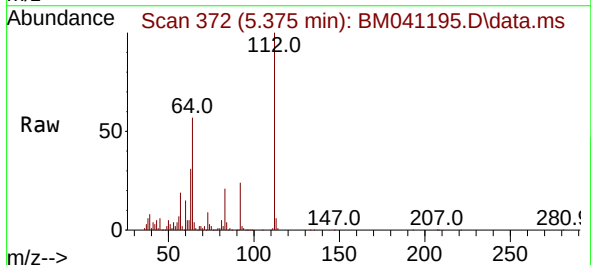
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

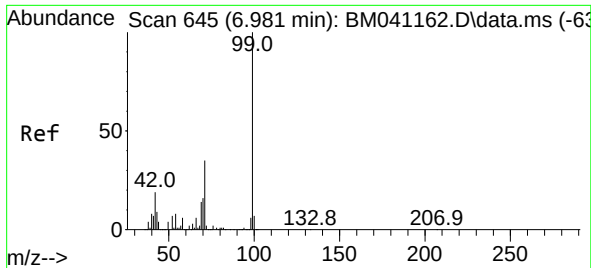
Tgt Ion:152 Resp: 158727
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 60.4 48.0 72.0



#5
2-Fluorophenol
Concen: 37.338 ng
RT: 5.375 min Scan# 372
Delta R.T. 0.012 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Tgt Ion:112 Resp: 396539
Ion Ratio Lower Upper
112 100
64 57.3 48.5 72.7
63 30.6 26.5 39.7

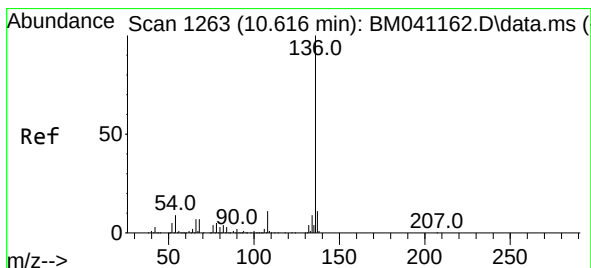
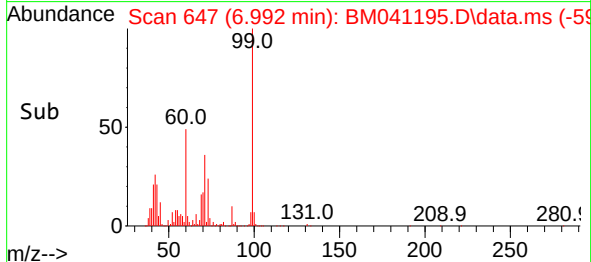
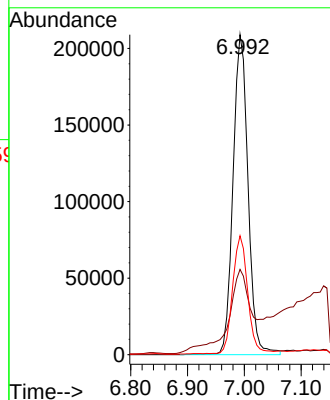
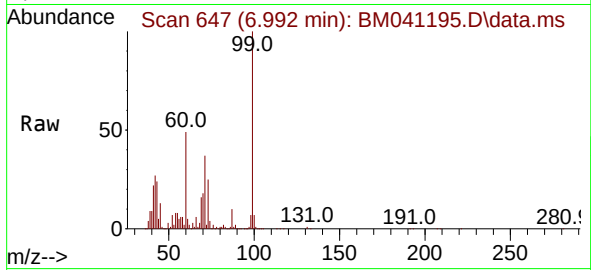




#7
Phenol-d6
Concen: 27.834 ng
RT: 6.992 min Scan# 645
Delta R.T. 0.018 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

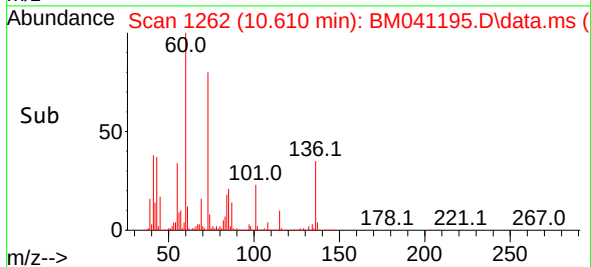
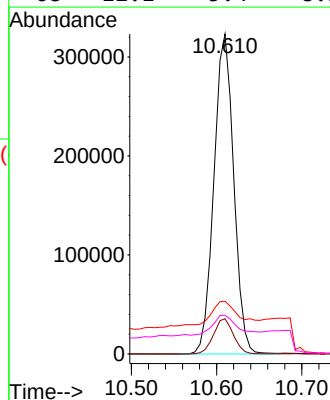
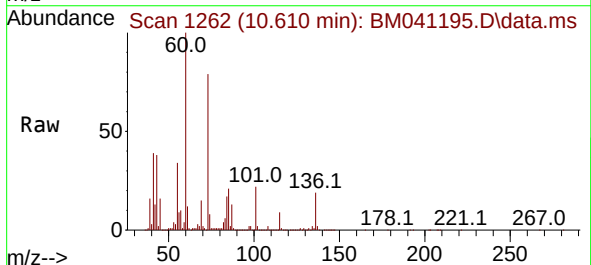
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

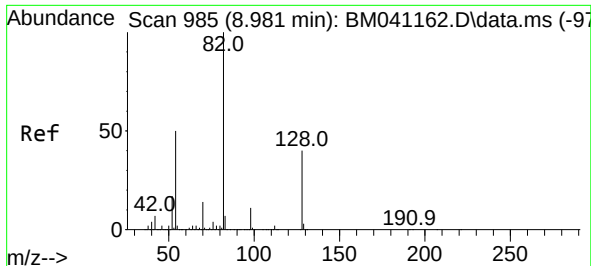
Tgt Ion: 99 Resp: 383169
Ion Ratio Lower Upper
99 100
42 26.7 15.4 23.0#
71 37.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Tgt Ion: 136 Resp: 521469
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 16.5 6.9 10.3#
68 12.1 5.4 8.2#

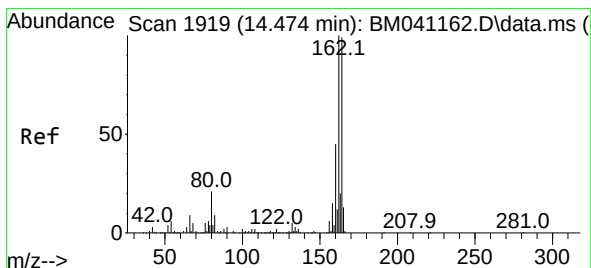
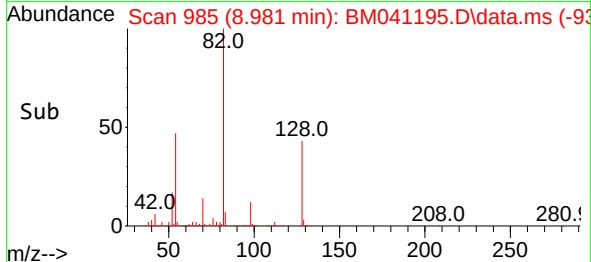
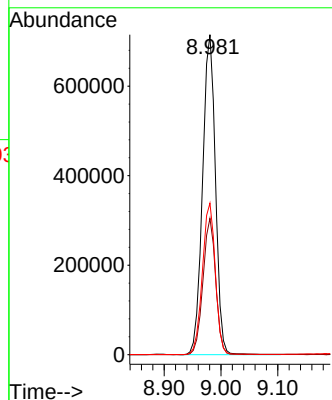
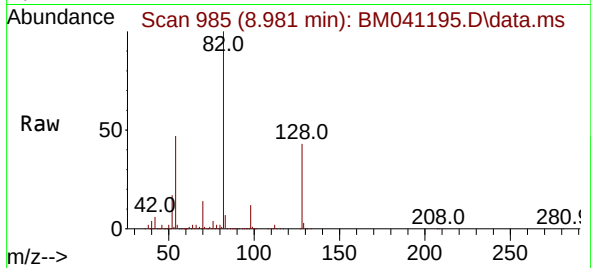




#23
Nitrobenzene-d5
Concen: 100.454 ng
RT: 8.981 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

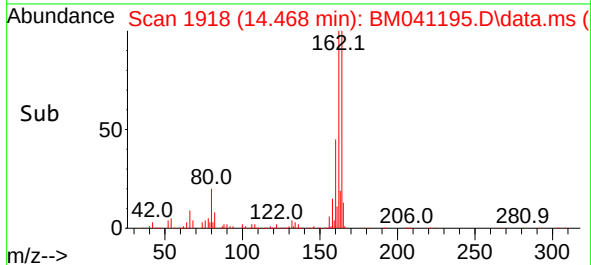
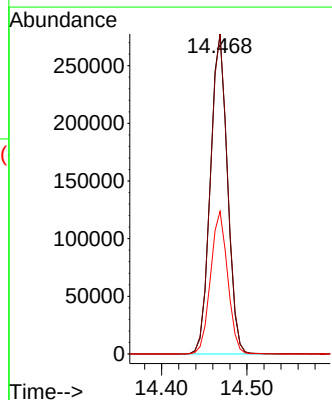
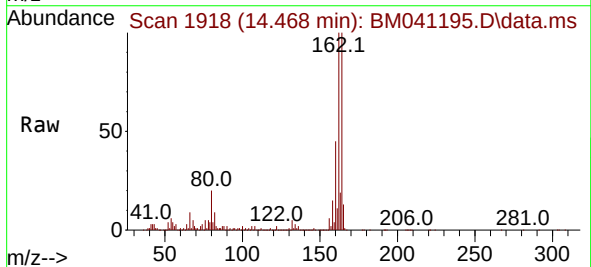
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

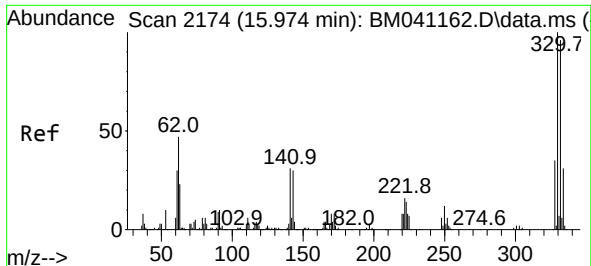
Tgt Ion: 82 Resp: 1126424
Ion Ratio Lower Upper
82 100
128 42.6 31.8 47.6
54 47.3 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Tgt Ion:164 Resp: 384903
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.6 36.2 54.2

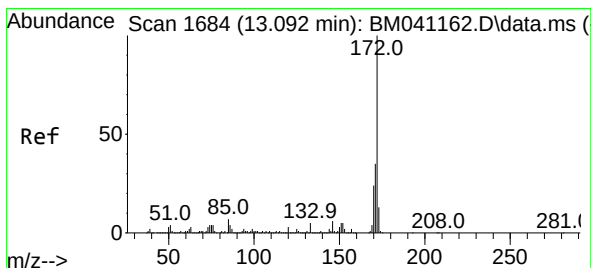
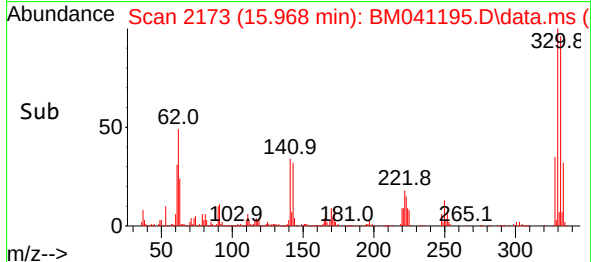
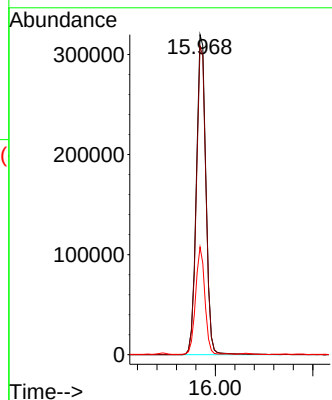
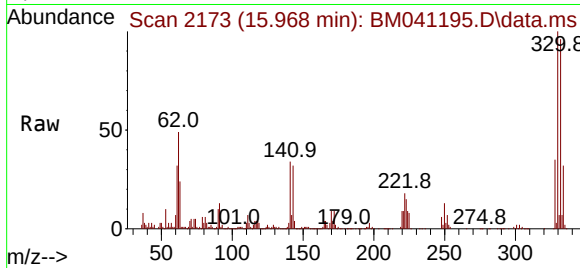




#42
2,4,6-Tribromophenol
Concen: 80.631 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

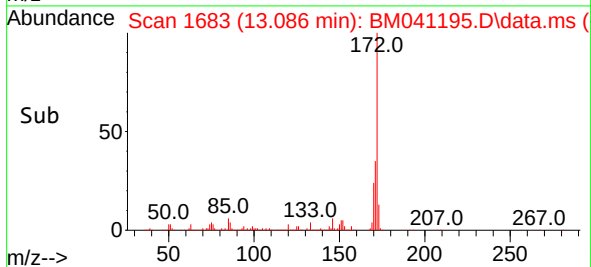
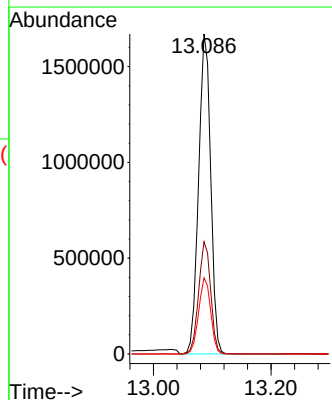
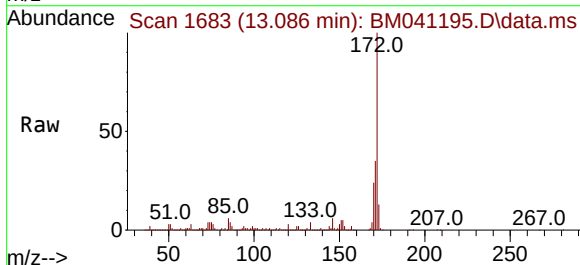
Instrument :
BNA_M
ClientSampleId :
EFF-WWRE

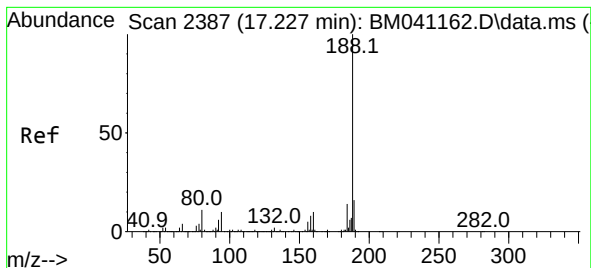
Tgt Ion:330 Resp: 438975
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 32.5 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 78.001 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM041195.D
Acq: 31 Jul 2023 18:41

Tgt Ion:172 Resp: 2376633
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

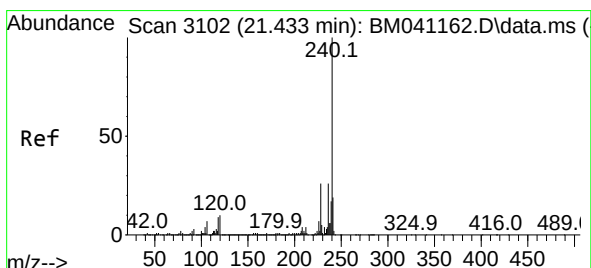
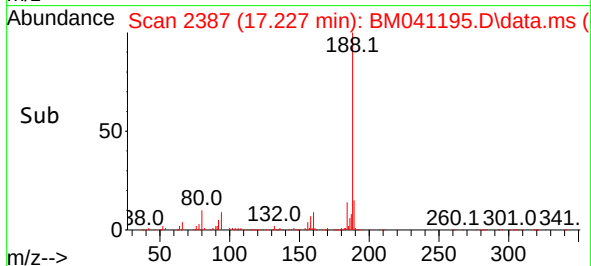
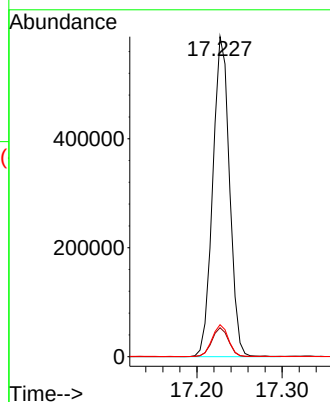
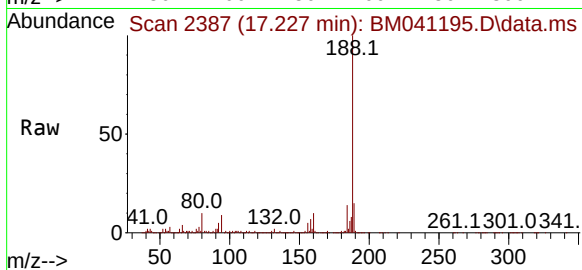
Tgt Ion:188 Resp: 804010

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 10.0 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

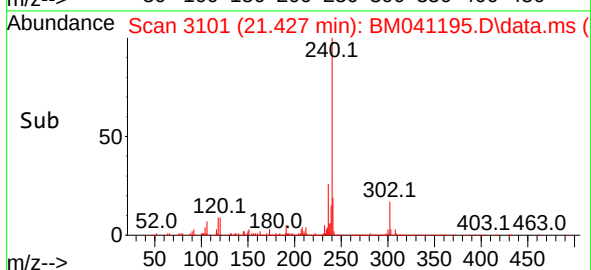
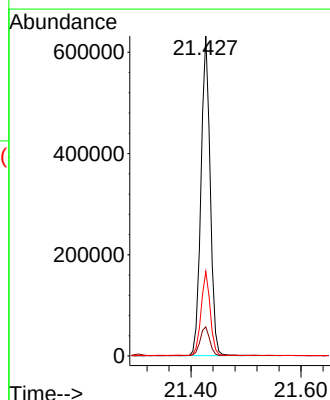
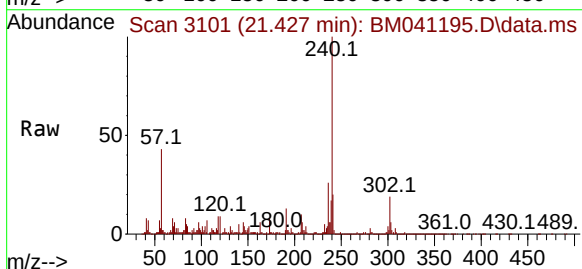
Tgt Ion:240 Resp: 737974

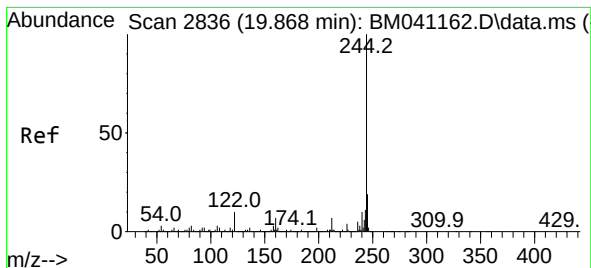
Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 94.542 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

Instrument :

BNA_M

ClientSampleId :

EFF-WWRE

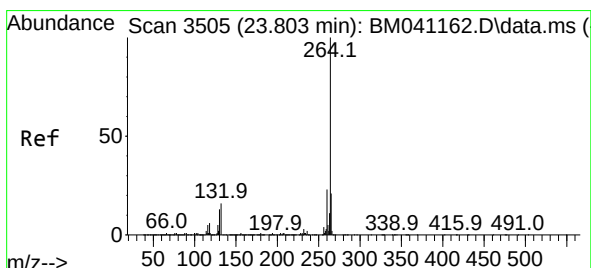
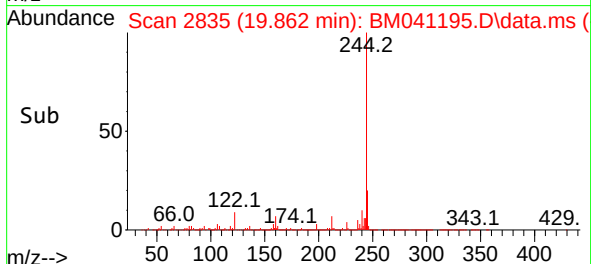
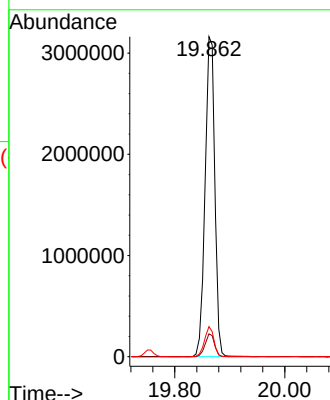
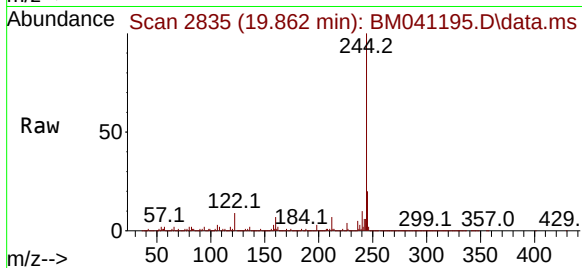
Tgt Ion:244 Resp: 3858831

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.4 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.797 min Scan# 3504

Delta R.T. -0.000 min

Lab File: BM041195.D

Acq: 31 Jul 2023 18:41

Tgt Ion:264 Resp: 856505

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.9 17.4 26.0

