

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041392.D
 Acq On : 11 Aug 2023 18:07
 Operator : MA/JU
 Sample : 03955-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-25

Quant Time: Aug 11 18:44:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	170501	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	715808	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	471229	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1136106	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1263348	20.000	ng	0.00
86) Perylene-d12	23.774	264	1385385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	944173	82.765	ng	0.00
7) Phenol-d6	6.957	99	1215031	82.167	ng	0.00
23) Nitrobenzene-d5	8.951	82	762742	49.554	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	595997	89.418	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1842736	49.399	ng	0.00
79) Terphenyl-d14	19.845	244	3712348	53.130	ng	0.00

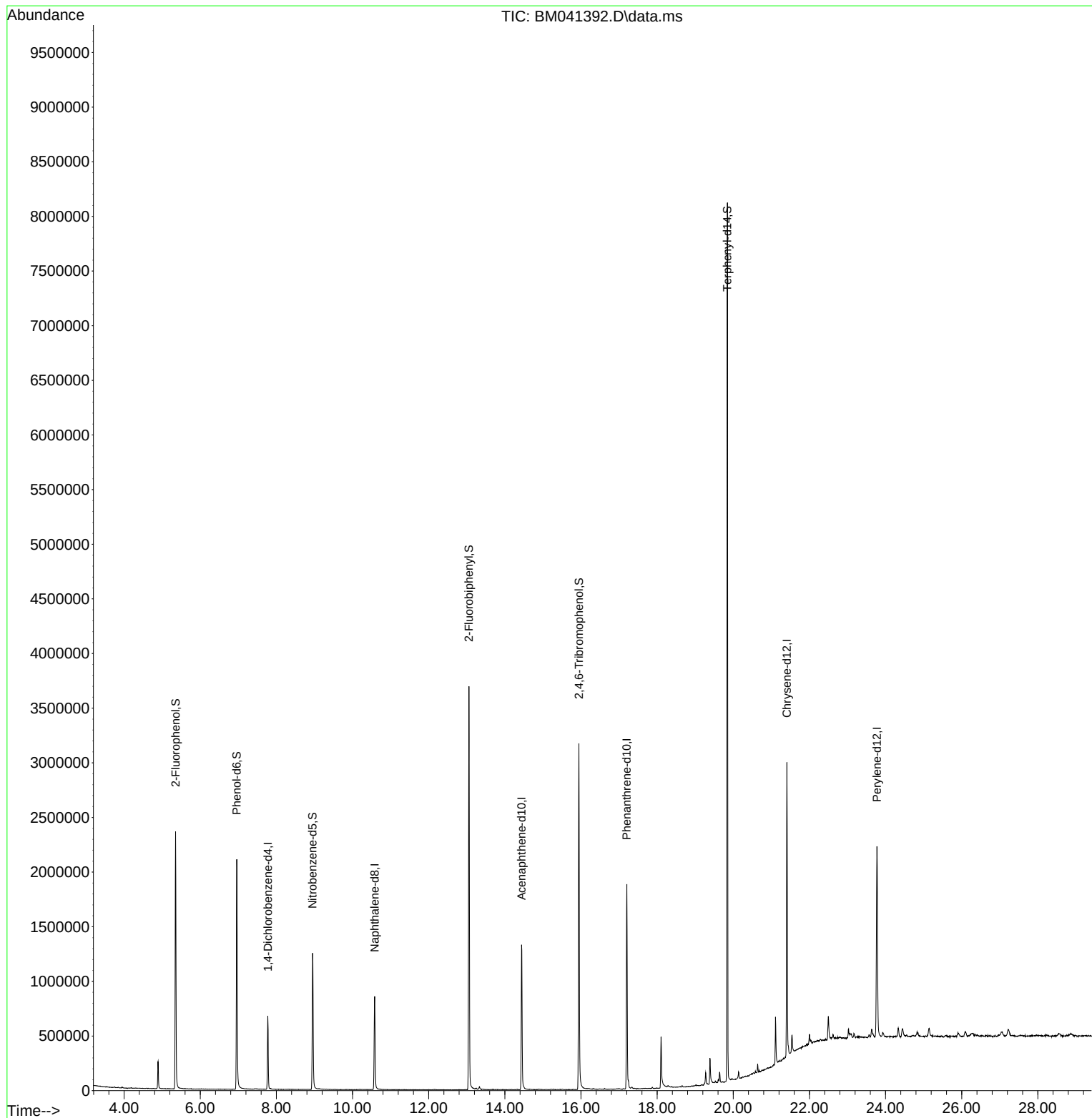
Target Compounds	Qvalue

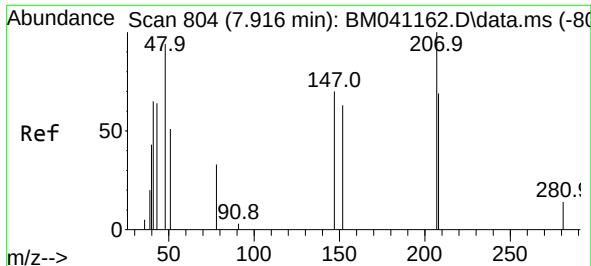
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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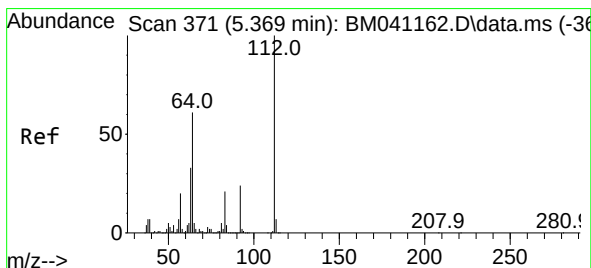
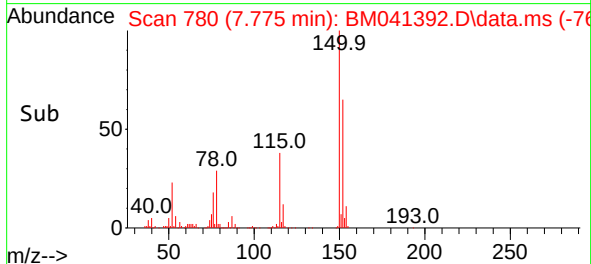
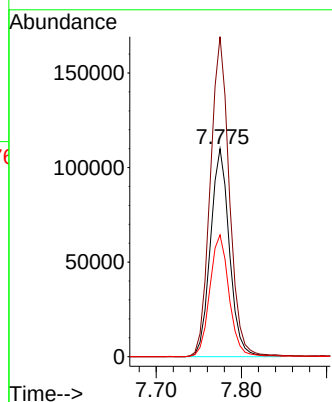
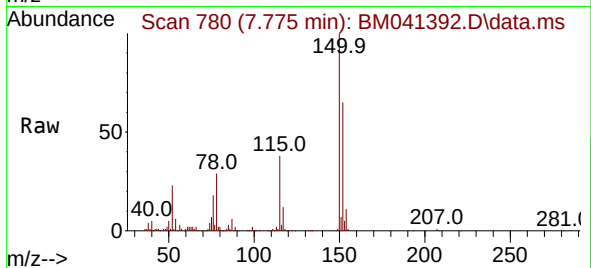




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041392.D
Acq: 11 Aug 2023 18:07

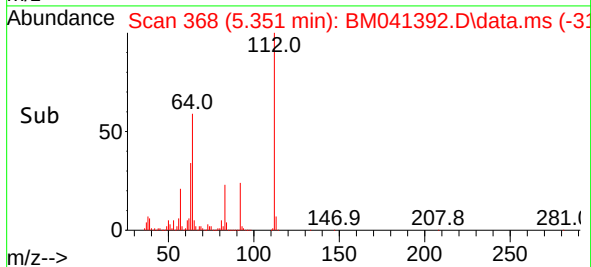
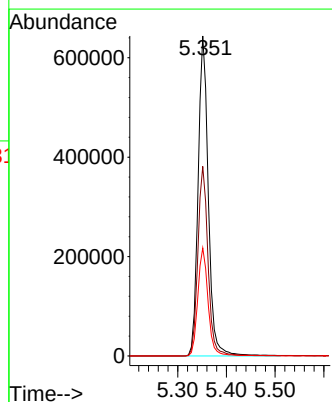
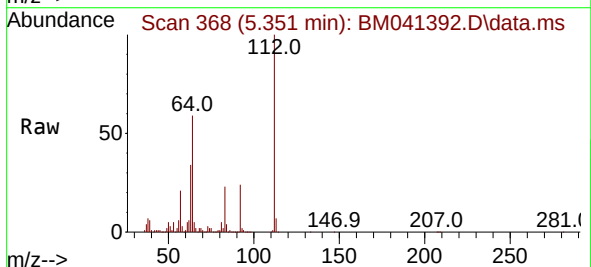
Instrument :
BNA_M
ClientSampleId :
WC-25

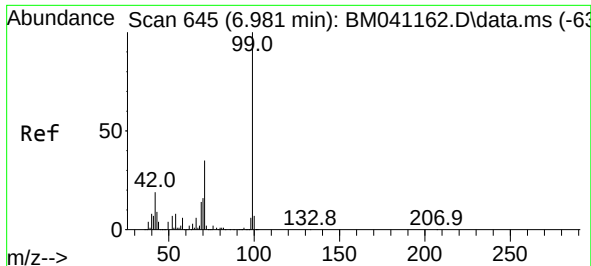
Tgt Ion:152 Resp: 170501
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 58.5 48.0 72.0



#5
2-Fluorophenol
Concen: 82.765 ng
RT: 5.351 min Scan# 368
Delta R.T. 0.006 min
Lab File: BM041392.D
Acq: 11 Aug 2023 18:07

Tgt Ion:112 Resp: 944173
Ion Ratio Lower Upper
112 100
64 59.3 48.5 72.7
63 33.8 26.5 39.7

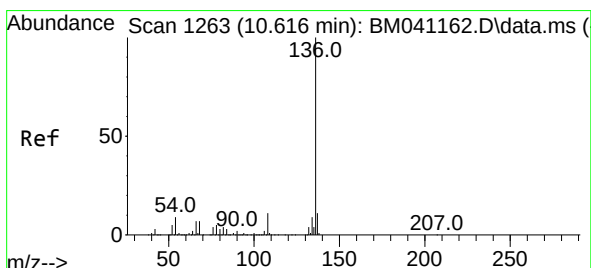
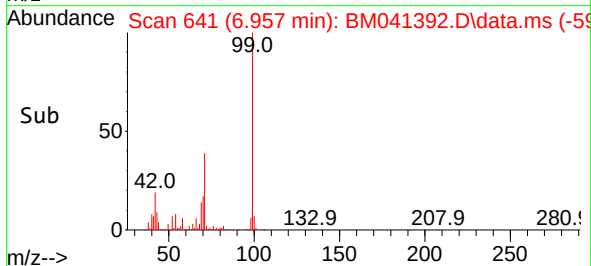
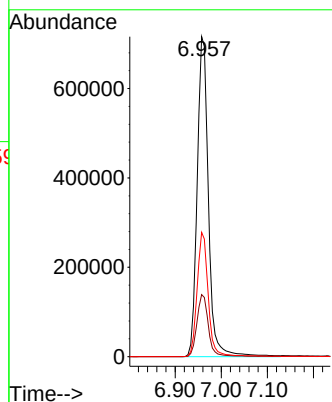
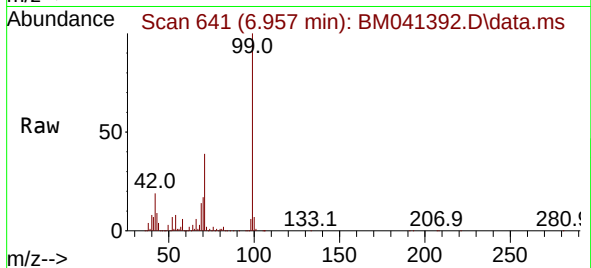




#7
Phenol-d6
Concen: 82.167 ng
RT: 6.957 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041392.D
Acq: 11 Aug 2023 18:07

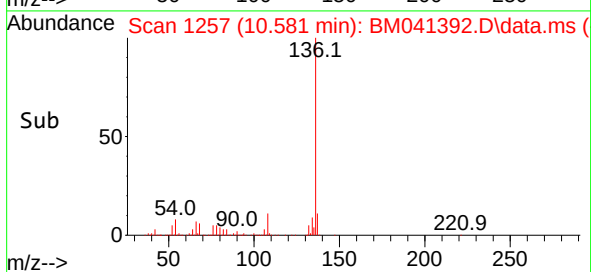
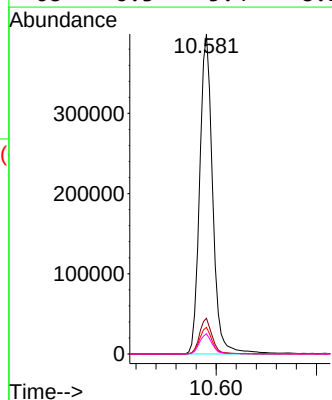
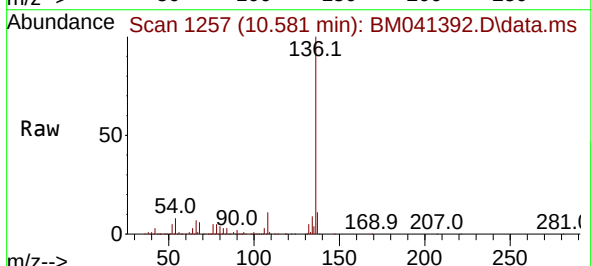
Instrument :
BNA_M
ClientSampleId :
WC-25

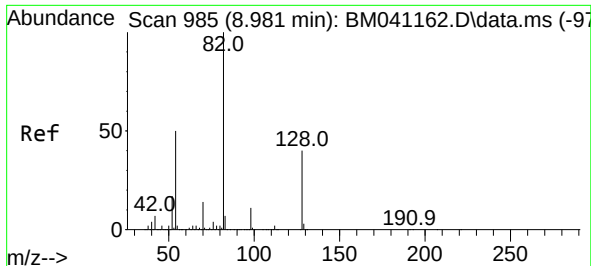
Tgt Ion: 99 Resp: 1215031
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.0
71 38.8 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BM041392.D
Acq: 11 Aug 2023 18:07

Tgt Ion: 136 Resp: 715808
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 6.9 10.3
68 6.3 5.4 8.2

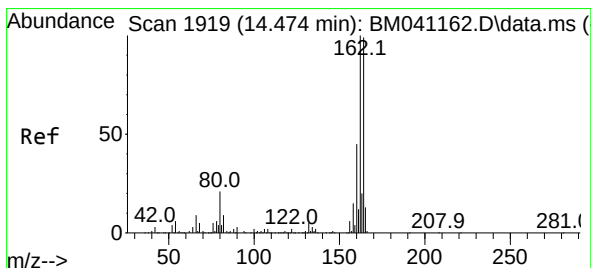
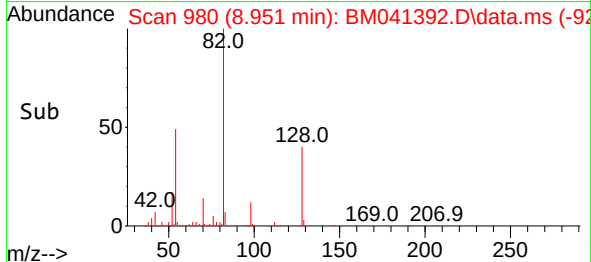
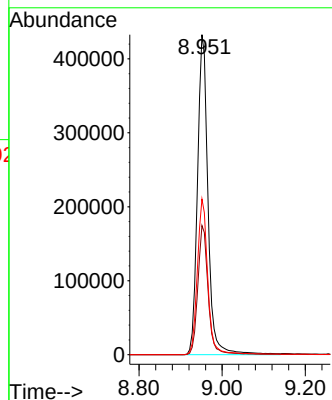
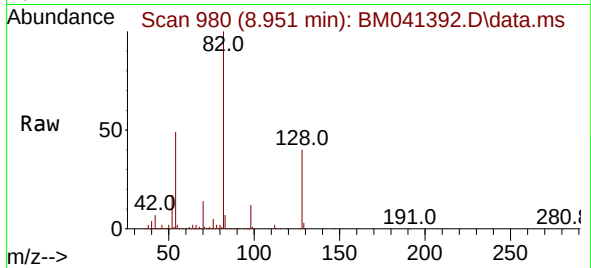




#23
Nitrobenzene-d5
Concen: 49.554 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041392.D
Acq: 11 Aug 2023 18:07

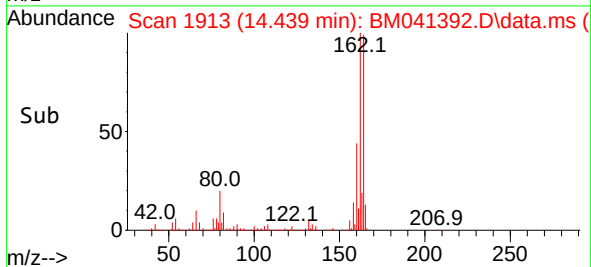
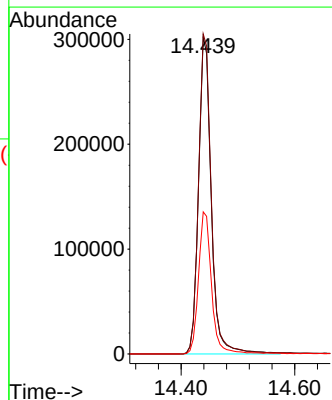
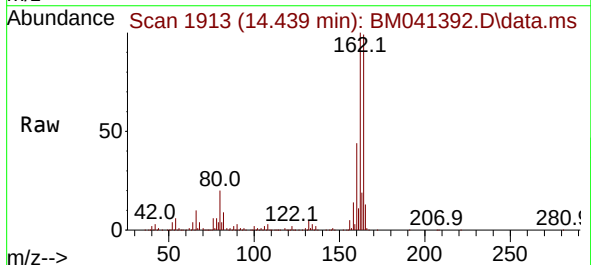
Instrument :
BNA_M
ClientSampleId :
WC-25

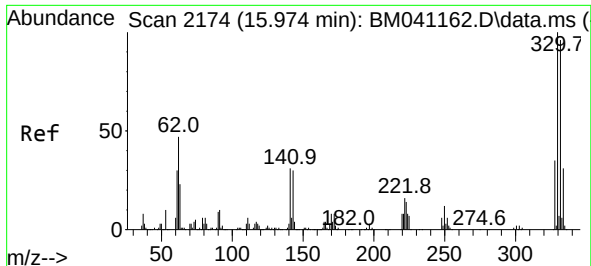
Tgt Ion: 82 Resp: 762742
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 48.6 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM041392.D
Acq: 11 Aug 2023 18:07

Tgt Ion: 164 Resp: 471229
Ion Ratio Lower Upper
164 100
162 100.8 80.4 120.6
160 44.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 89.418 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

Instrument :

BNA_M

ClientSampleId :

WC-25

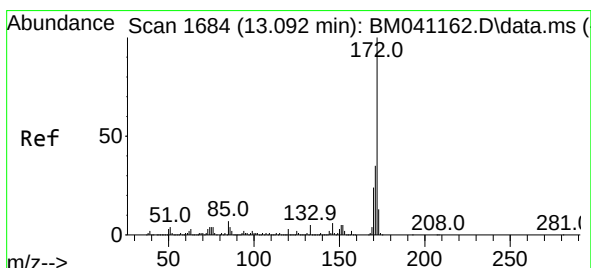
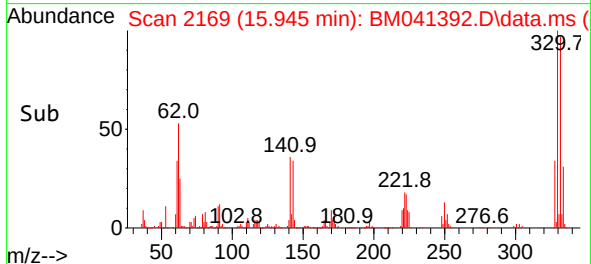
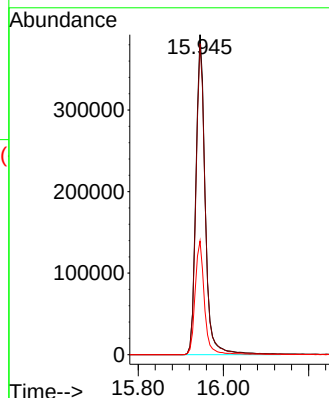
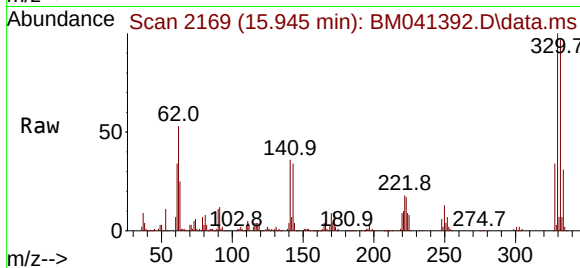
Tgt Ion:330 Resp: 595997

Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 35.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 49.399 ng

RT: 13.057 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

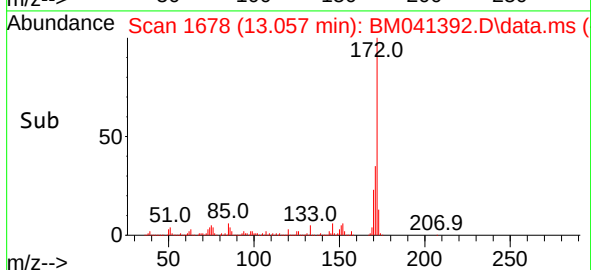
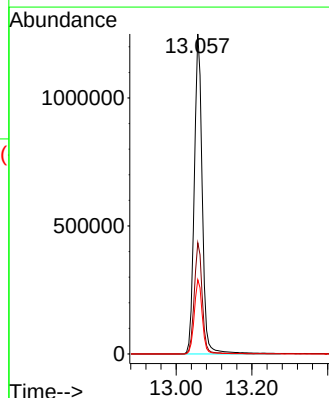
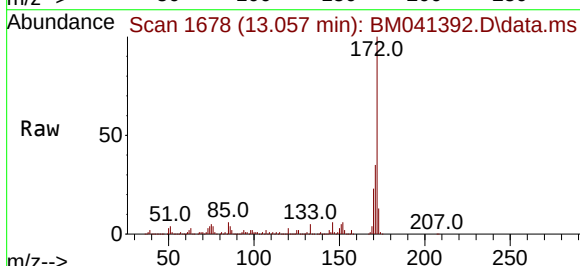
Tgt Ion:172 Resp: 1842736

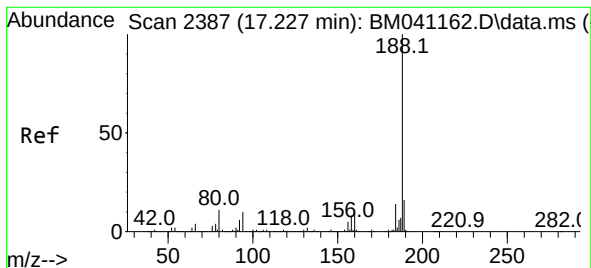
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

Instrument :

BNA_M

ClientSampleId :

WC-25

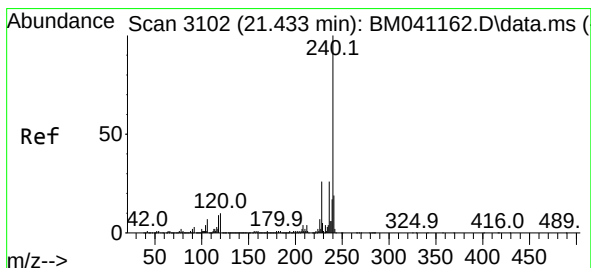
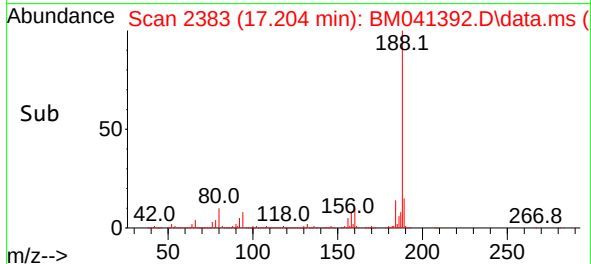
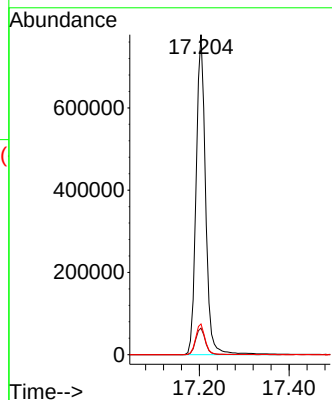
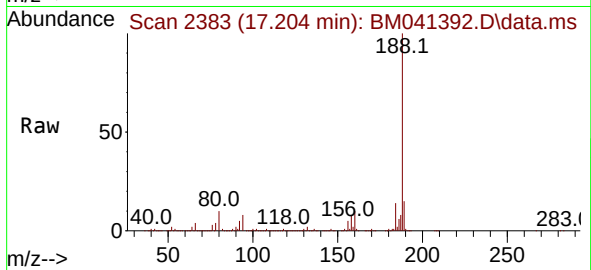
Tgt Ion:188 Resp: 1136106

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 9.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

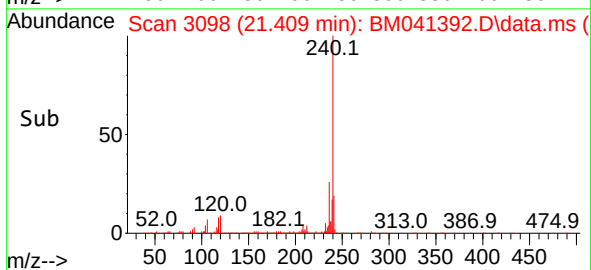
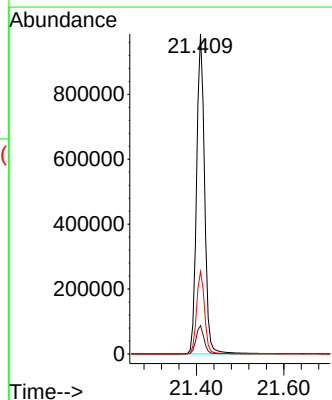
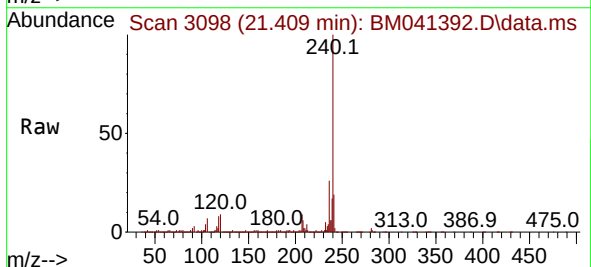
Tgt Ion:240 Resp: 1263348

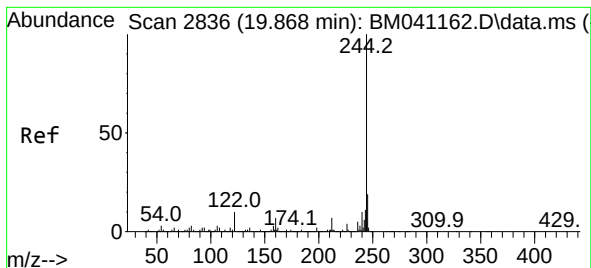
Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 25.8 20.6 30.8





#79

Terphenyl-d14

Concen: 53.130 ng

RT: 19.845 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

Instrument :

BNA_M

ClientSampleId :

WC-25

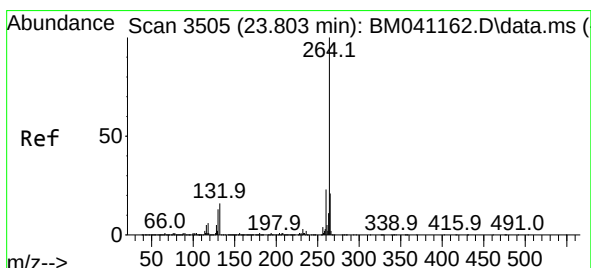
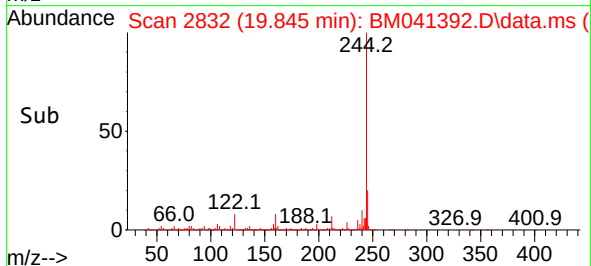
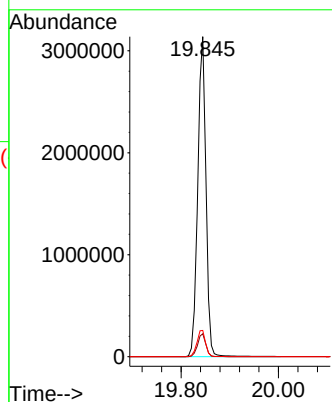
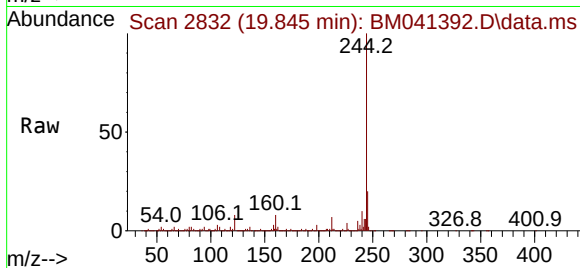
Tgt Ion:244 Resp: 3712348

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 8.2 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BM041392.D

Acq: 11 Aug 2023 18:07

Tgt Ion:264 Resp: 1385385

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 22.1 17.4 26.0

