

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041454.D
 Acq On : 21 Aug 2023 18:51
 Operator : MA/JU
 Sample : 04069-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONC-WC-1

Quant Time: Aug 22 03:38:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

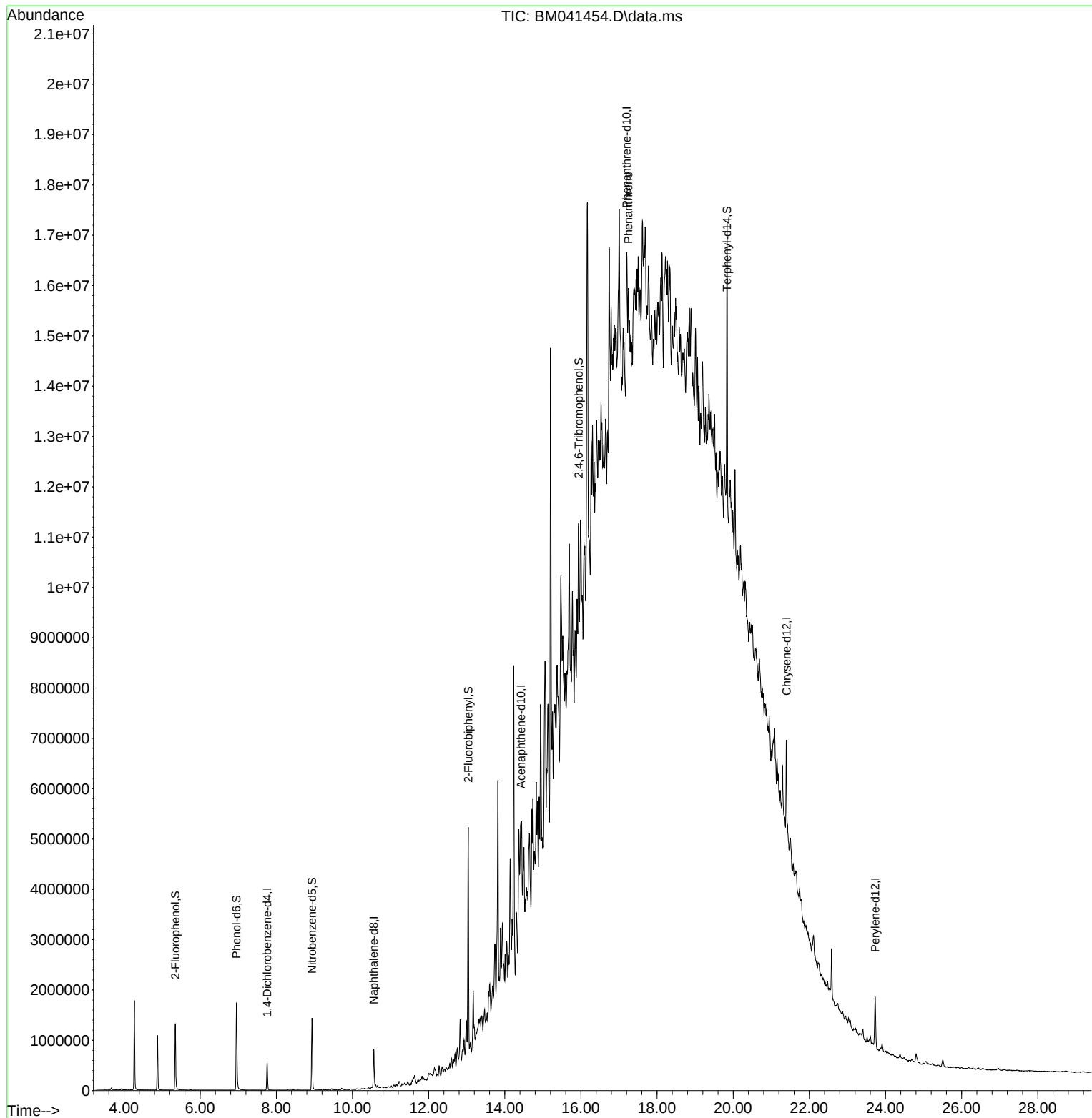
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	146604	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	621184	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	454283	20.000	ng	0.01
64) Phenanthrene-d10	17.204	188	790229	20.000	ng	# 0.03
76) Chrysene-d12	21.397	240	819427	20.000	ng	0.01
86) Perylene-d12	23.727	264	770268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	577490	65.530	ng	0.00
7) Phenol-d6	6.951	99	1028587	85.956	ng	0.00
23) Nitrobenzene-d5	8.934	82	830340	63.809	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	122703	17.020	ng	0.02
45) 2-Fluorobiphenyl	13.039	172	2164832	63.857	ng	0.00
79) Terphenyl-d14	19.839	244	3137456	66.628	ng	0.02
Target Compounds						
71) Phenanthrene	17.245	178	402427	9.647	ng	# 72

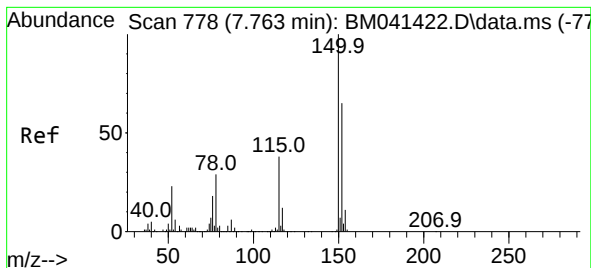
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
Data File : BM041454.D
Acq On : 21 Aug 2023 18:51
Operator : MA/JU
Sample : 04069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CONC-WC-1

Quant Time: Aug 22 03:38:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 03:32:15 2023
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.757 min Scan# 71

Delta R.T. 0.000 min

Lab File: BM041454.D

Acq: 21 Aug 2023 18:51

Instrument :

BNA_M

ClientSampleId :

CONC-WC-1

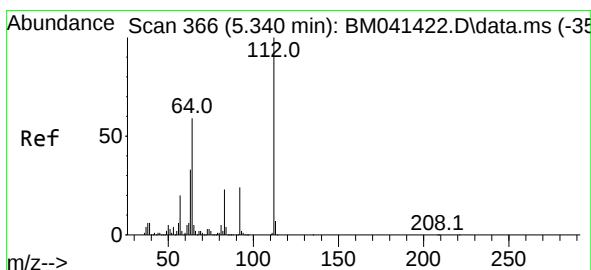
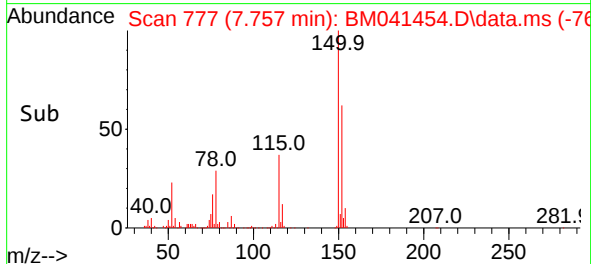
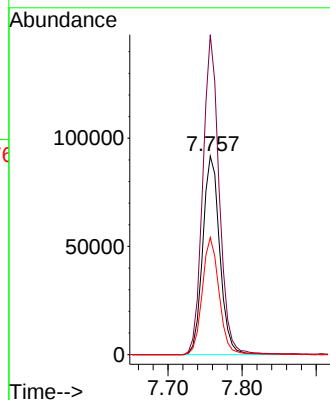
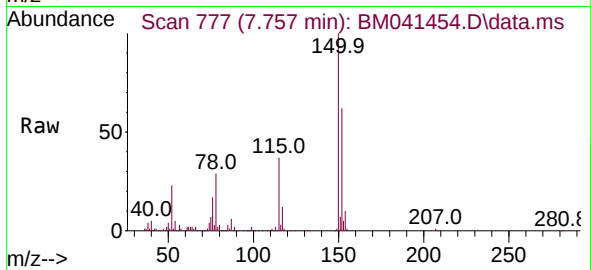
Tgt Ion:152 Resp: 146604

Ion Ratio Lower Upper

152 100

150 161.2 123.8 185.6

115 59.0 46.6 70.0



#5

2-Fluorophenol

Concen: 65.530 ng

RT: 5.346 min Scan# 367

Delta R.T. -0.000 min

Lab File: BM041454.D

Acq: 21 Aug 2023 18:51

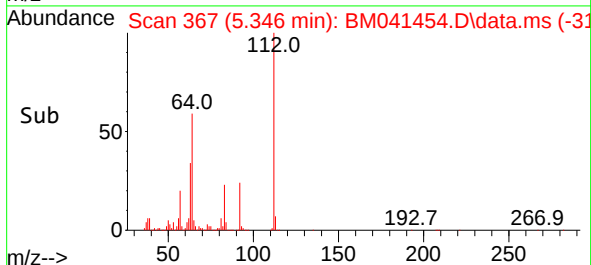
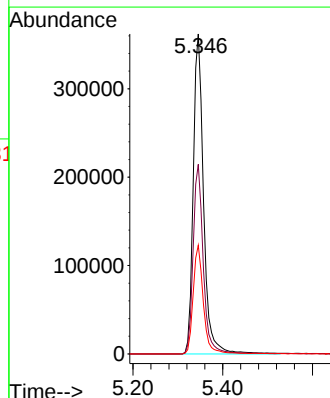
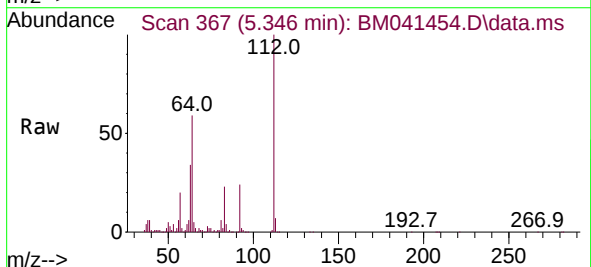
Tgt Ion:112 Resp: 577490

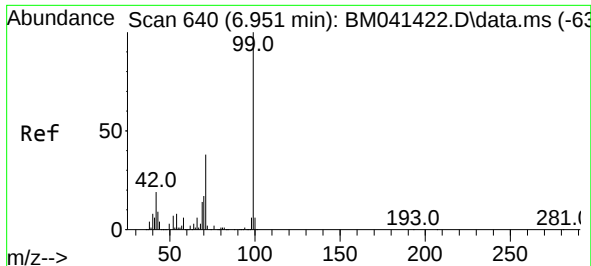
Ion Ratio Lower Upper

112 100

64 59.2 47.3 70.9

63 33.9 26.5 39.7



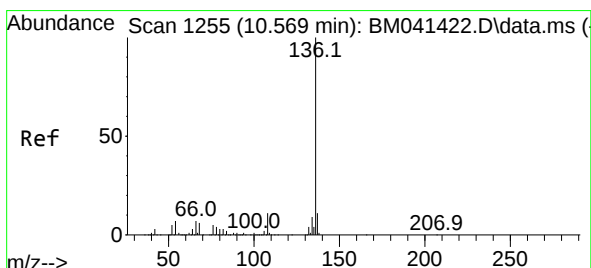
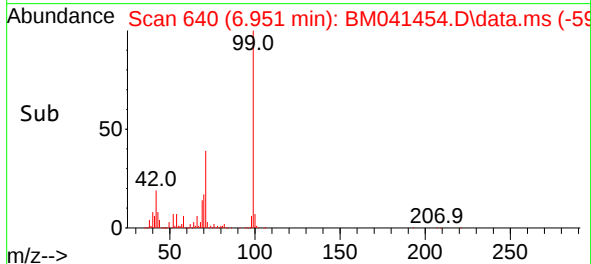
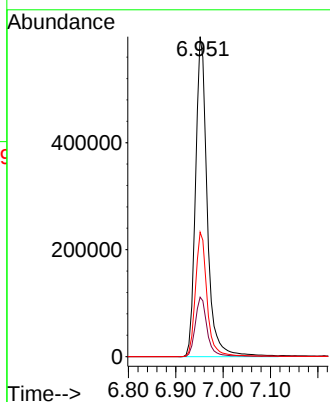
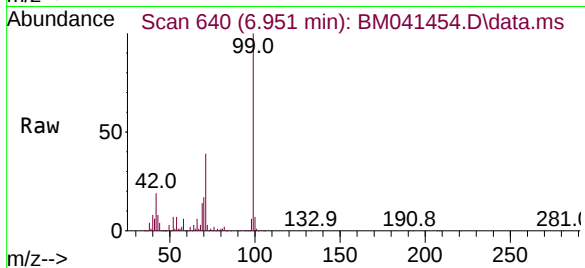


#7
Phenol-d6
Concen: 85.956 ng
RT: 6.951 min Scan# 640
Delta R.T. -0.006 min
Lab File: BM041454.D
Acq: 21 Aug 2023 18:51

Instrument :
BNA_M
ClientSampleId :
CONC-WC-1

Tgt Ion: 99 Resp: 1028587

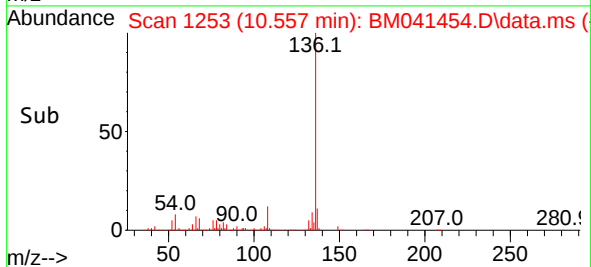
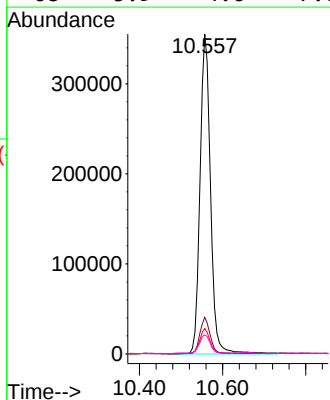
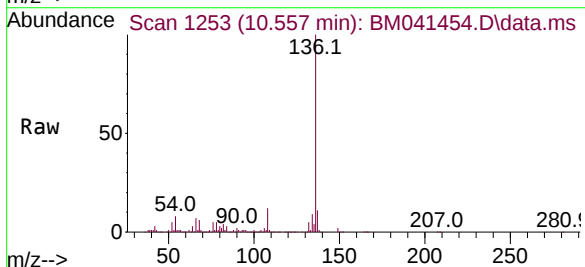
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.2	22.8
71	38.9	30.7	46.1

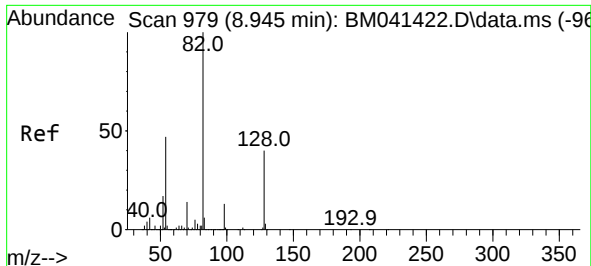


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BM041454.D
Acq: 21 Aug 2023 18:51

Tgt Ion: 136 Resp: 621184

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.9	5.7	8.5
68	5.9	4.6	7.0

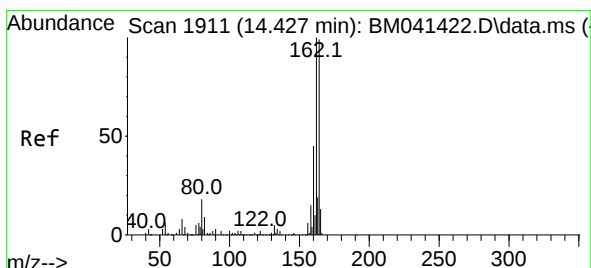
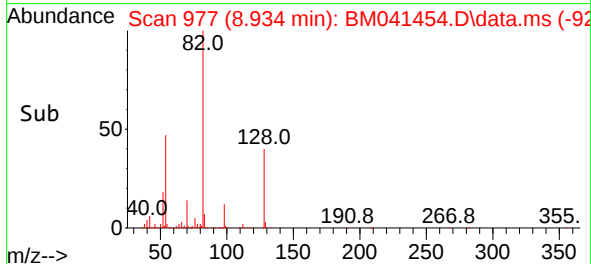
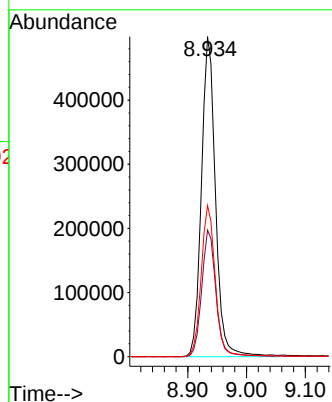
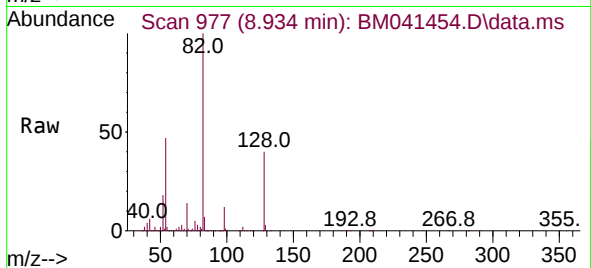




#23
Nitrobenzene-d5
Concen: 63.809 ng
RT: 8.934 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041454.D
Acq: 21 Aug 2023 18:51

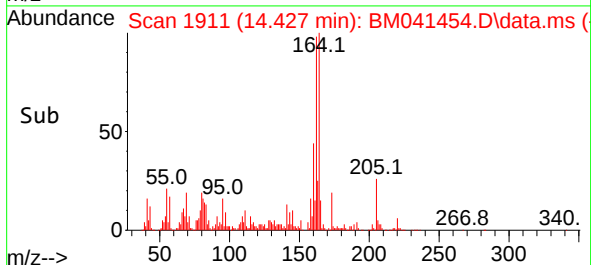
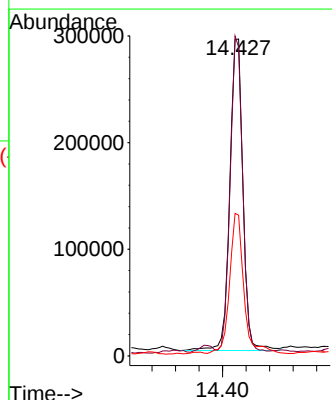
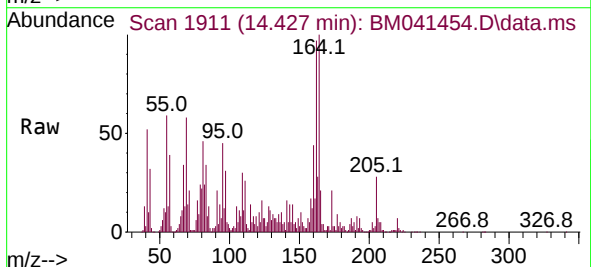
Instrument :
BNA_M
ClientSampleId :
CONC-WC-1

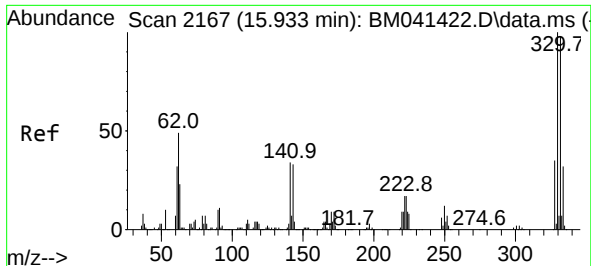
Tgt Ion: 82 Resp: 830340
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.4
54 47.2 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1911
Delta R.T. 0.012 min
Lab File: BM041454.D
Acq: 21 Aug 2023 18:51

Tgt Ion: 164 Resp: 454283
Ion Ratio Lower Upper
164 100
162 97.4 80.4 120.6
160 44.4 35.9 53.9

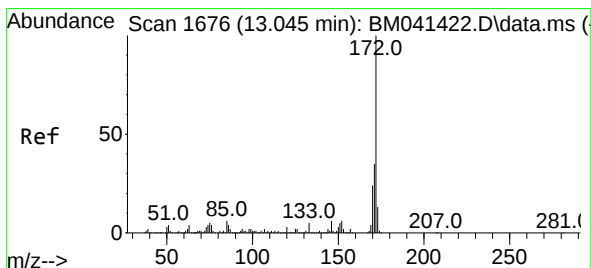
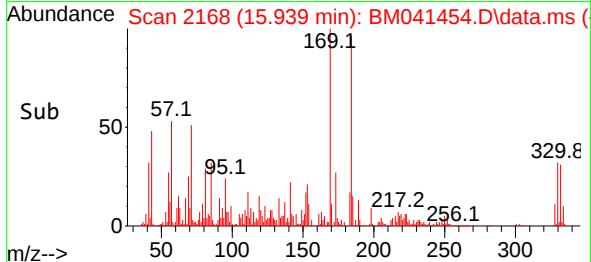
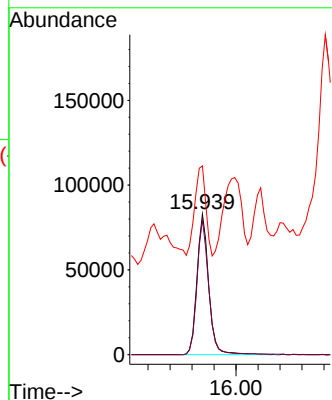
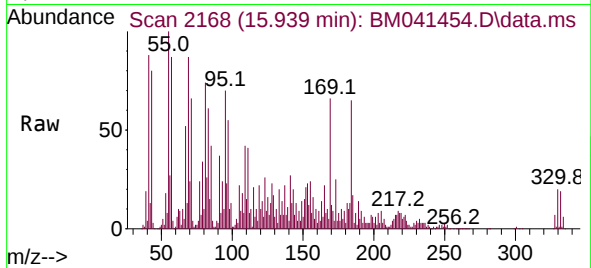




#42
2,4,6-Tribromophenol
Concen: 17.020 ng
RT: 15.939 min Scan# 2167
Delta R.T. 0.018 min
Lab File: BM041454.D
Acq: 21 Aug 2023 18:51

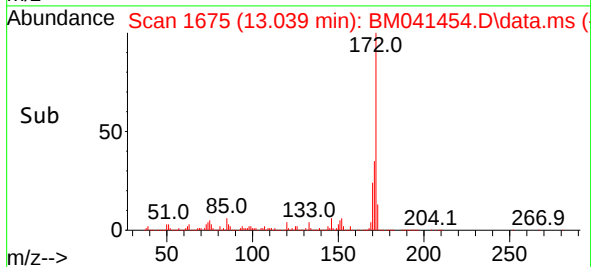
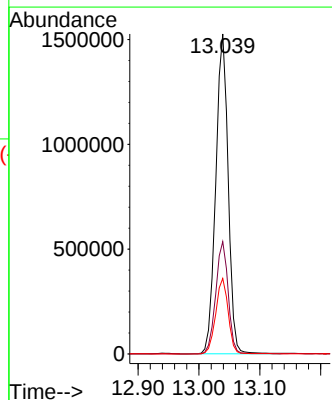
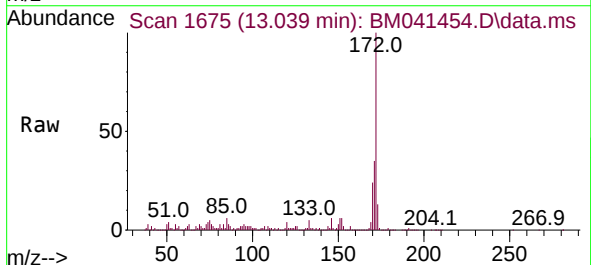
Instrument :
BNA_M
ClientSampleId :
CONC-WC-1

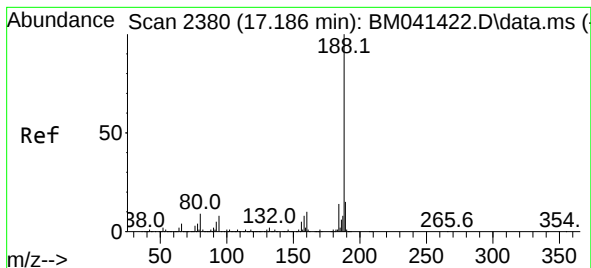
Tgt Ion:330 Resp: 122703
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 60.0 28.3 42.5#



#45
2-Fluorobiphenyl
Concen: 63.857 ng
RT: 13.039 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM041454.D
Acq: 21 Aug 2023 18:51

Tgt Ion:172 Resp: 2164832
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. 0.029 min

Lab File: BM041454.D

Acq: 21 Aug 2023 18:51

Instrument :

BNA_M

ClientSampleId :

CONC-WC-1

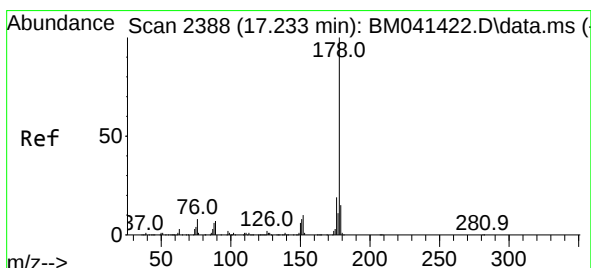
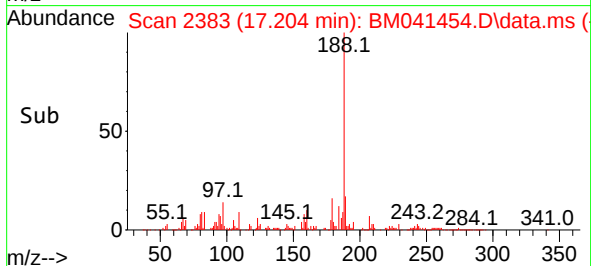
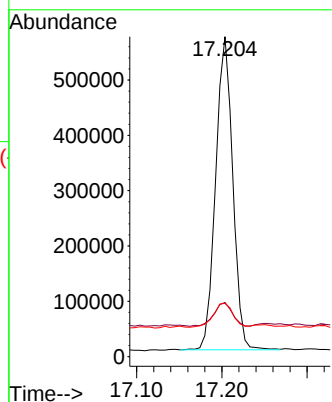
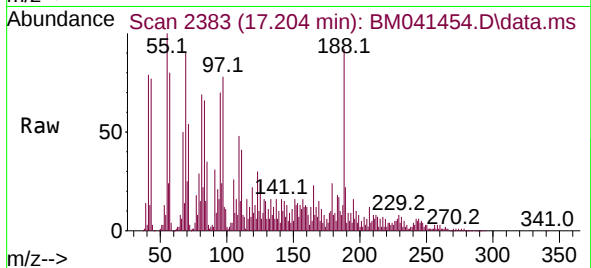
Tgt Ion:188 Resp: 790229

Ion Ratio Lower Upper

188 100

94 16.9 6.6 9.8#

80 16.7 7.5 11.3#



#71

Phenanthrene

Concen: 9.647 ng

RT: 17.245 min Scan# 2390

Delta R.T. 0.023 min

Lab File: BM041454.D

Acq: 21 Aug 2023 18:51

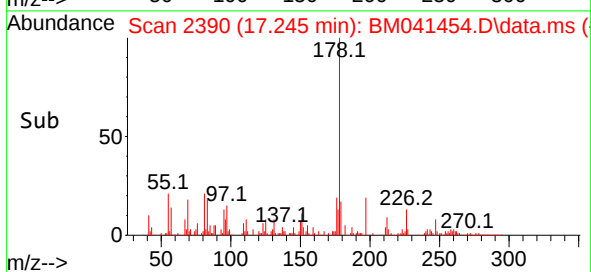
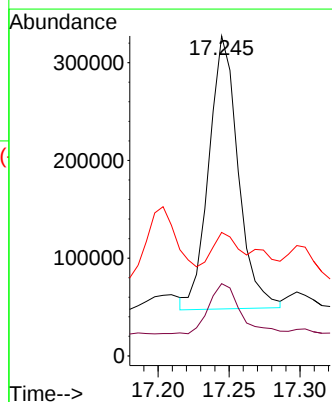
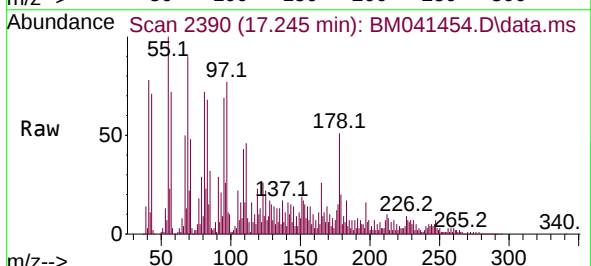
Tgt Ion:178 Resp: 402427

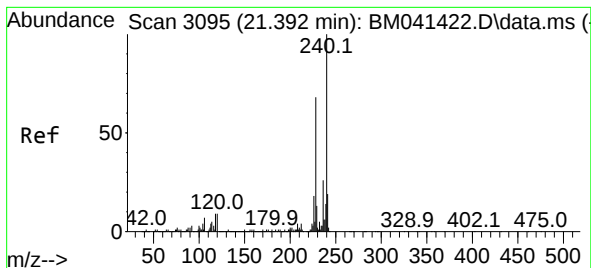
Ion Ratio Lower Upper

178 100

176 22.6 15.5 23.3

179 38.6 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3095

Delta R.T. 0.012 min

Lab File: BM041454.D

Acq: 21 Aug 2023 18:51

Instrument :

BNA_M

ClientSampleId :

CONC-WC-1

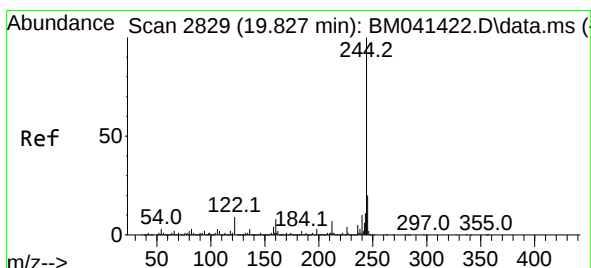
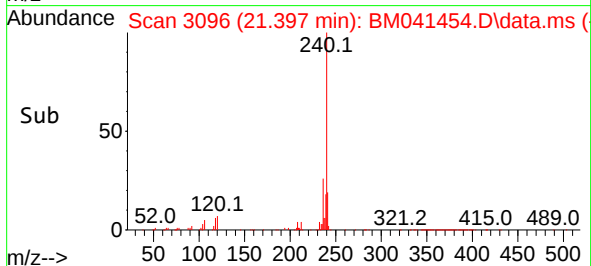
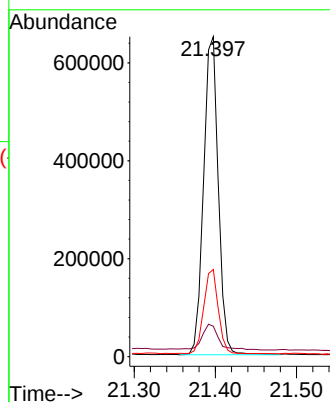
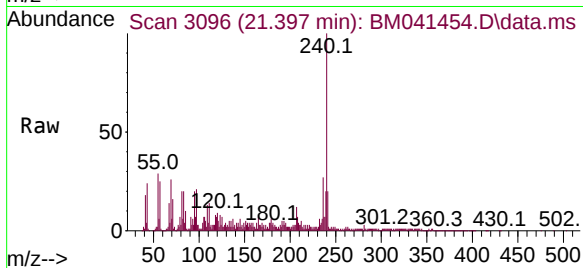
Tgt Ion:240 Resp: 819427

Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.2

236 27.2 20.8 31.2



#79

Terphenyl-d14

Concen: 66.628 ng

RT: 19.839 min Scan# 2831

Delta R.T. 0.023 min

Lab File: BM041454.D

Acq: 21 Aug 2023 18:51

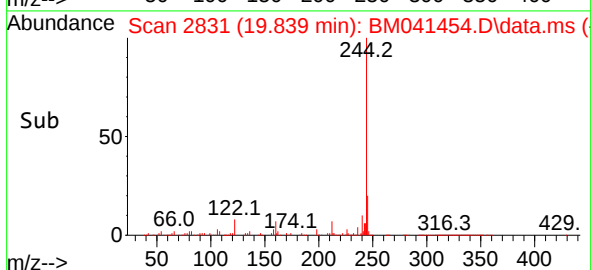
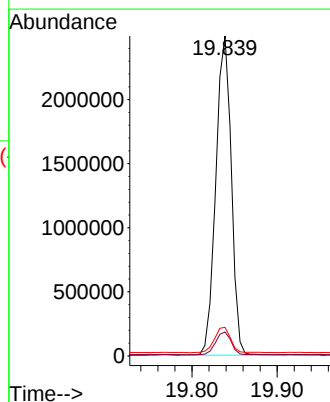
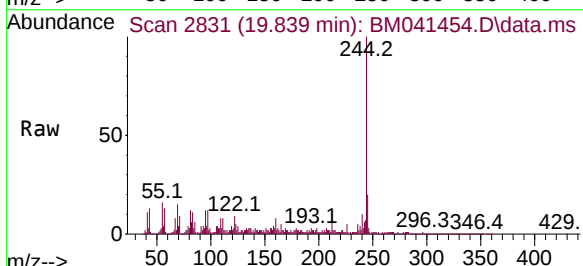
Tgt Ion:244 Resp: 3137456

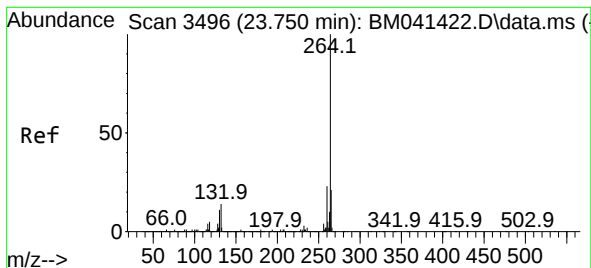
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 8.9 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM041454.D

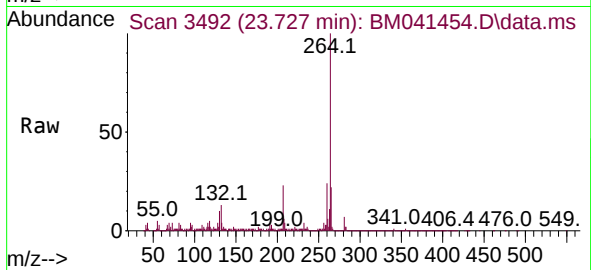
Acq: 21 Aug 2023 18:51

Instrument :

BNA_M

ClientSampleId :

CONC-WC-1



Tgt Ion:264 Resp: 770268

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.1 17.5 26.3

