

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041248.D
 Acq On : 02 Aug 2023 17:07
 Operator : MA/JU
 Sample : 03810-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-01

Quant Time: Aug 03 03:08:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

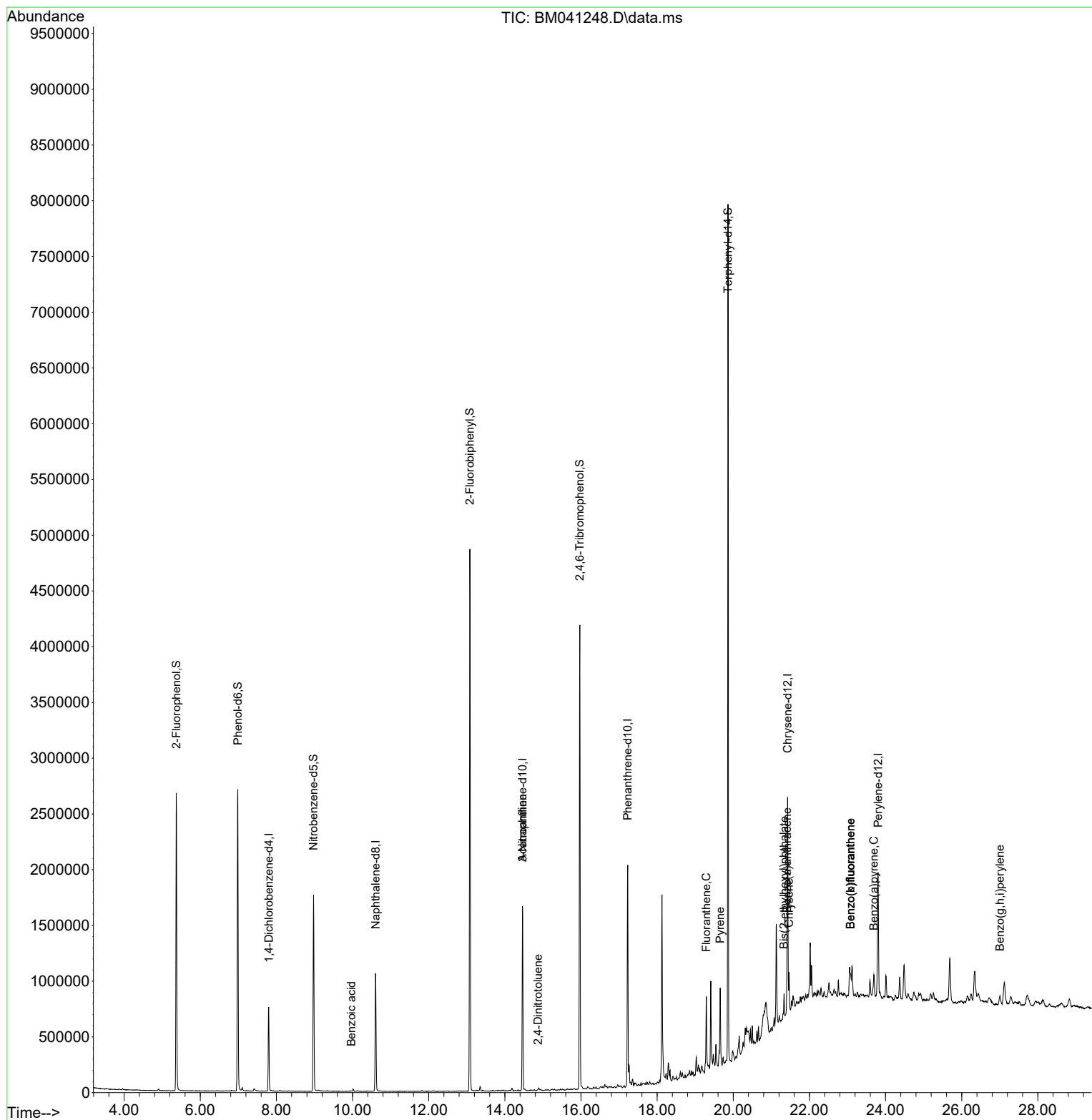
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	197026	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	841797	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	547560	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1172376	20.000	ng	0.00
76) Chrysene-d12	21.427	240	802353	20.000	ng	0.00
86) Perylene-d12	23.803	264	834999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1124918	85.333	ng	0.00
7) Phenol-d6	6.987	99	1527686	89.402	ng	0.00
23) Nitrobenzene-d5	8.975	82	985997	54.471	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	776987	100.322	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2385928	55.045	ng	0.00
79) Terphenyl-d14	19.862	244	3530498	79.558	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.969	122	53	7.160	ng	# 1
53) 3-Nitroaniline	14.463	138	53	2.583	ng	# 1
57) 2,4-Dinitrotoluene	14.869	165	67	2.676	ng	# 18
75) Fluoranthene	19.292	202	267939	3.661	ng	99
78) Pyrene	19.656	202	402315	7.170	ng	100
81) Benzo(a)anthracene	21.409	228	172497	3.171	ng	97
83) Chrysene	21.462	228	184138	3.500	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	66633	4.479	ng	# 96
88) Benzo(b)fluoranthene	23.080	252	222063	4.477	ng	# 95
89) Benzo(k)fluoranthene	23.080	252	222063	4.376	ng	# 93
90) Benzo(a)pyrene	23.691	252	147786	3.101	ng	# 95
92) Benzo(g,h,i)perylene	27.003	276	103338	2.063	ng	97

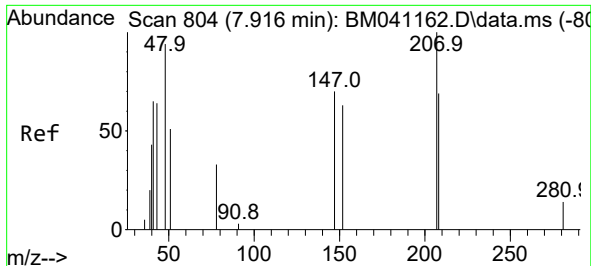
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041248.D
Acq On : 02 Aug 2023 17:07
Operator : MA/JU
Sample : 03810-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-01

Quant Time: Aug 03 03:08:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

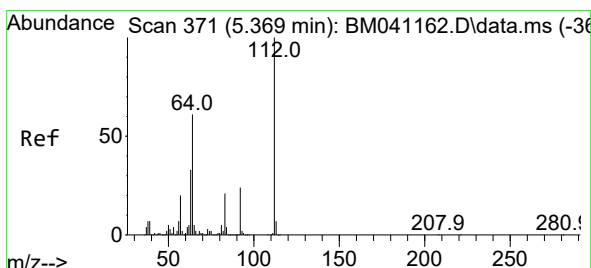
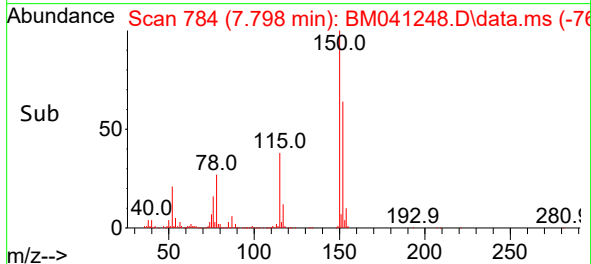
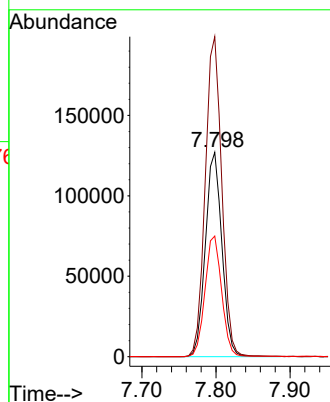
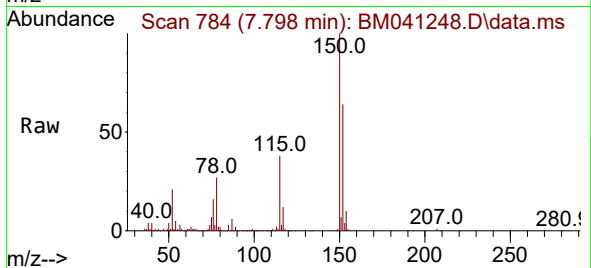




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.005 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

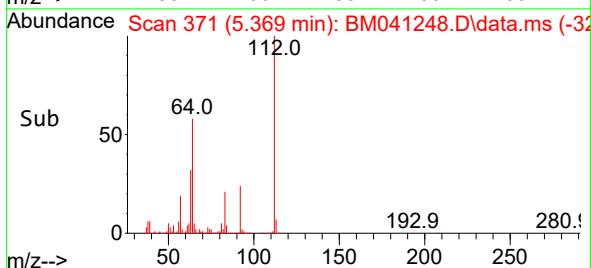
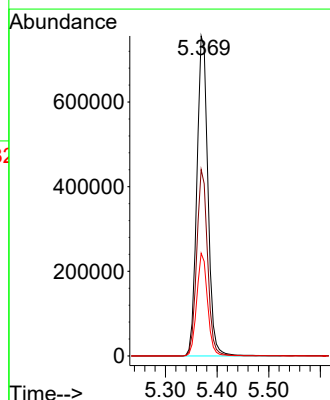
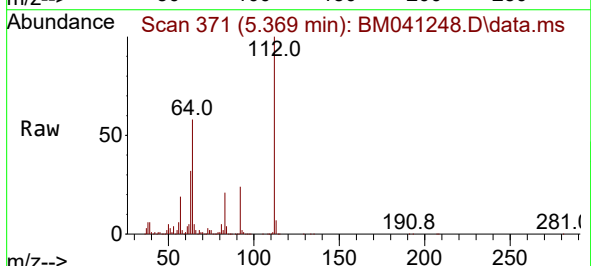
Instrument :
BNA_M
ClientSampleId :
WC-01

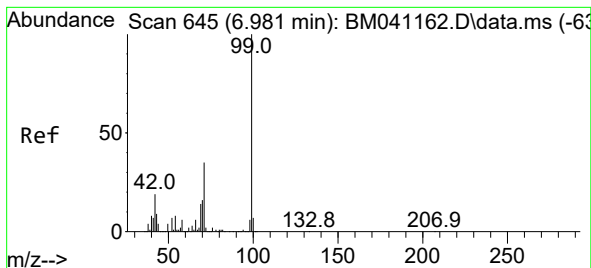
Tgt Ion:152 Resp: 197026
Ion Ratio Lower Upper
152 100
150 156.6 125.5 188.3
115 59.0 48.0 72.0



#5
2-Fluorophenol
Concen: 85.333 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion:112 Resp: 1124918
Ion Ratio Lower Upper
112 100
64 58.3 48.5 72.7
63 32.1 26.5 39.7





#7

Phenol-d6

Concen: 89.402 ng

RT: 6.987 min Scan# 645

Delta R.T. 0.006 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

Instrument :

BNA_M

ClientSampleId :

WC-01

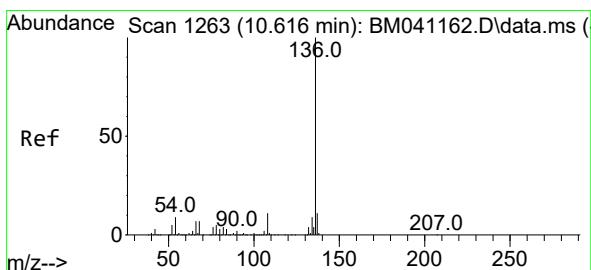
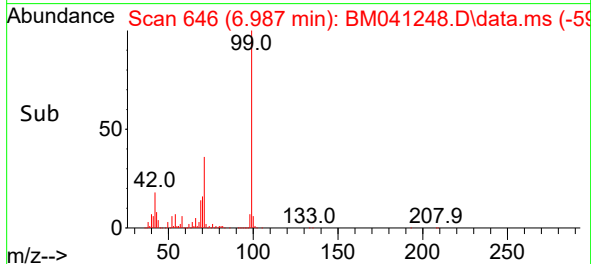
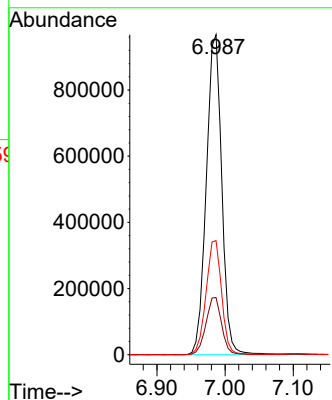
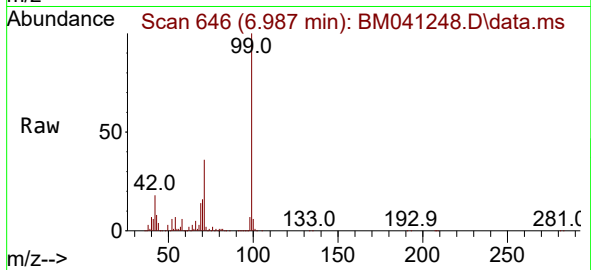
Tgt Ion: 99 Resp: 1527686

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

71 35.7 28.2 42.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

Tgt Ion: 136 Resp: 841797

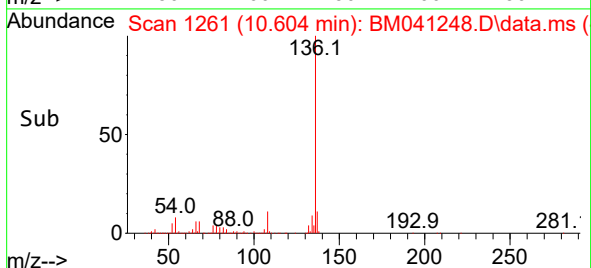
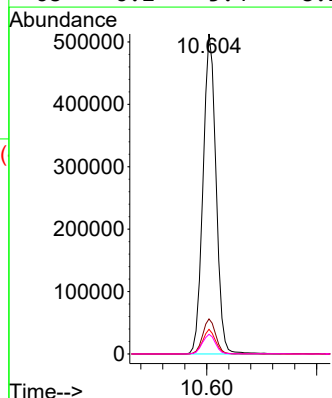
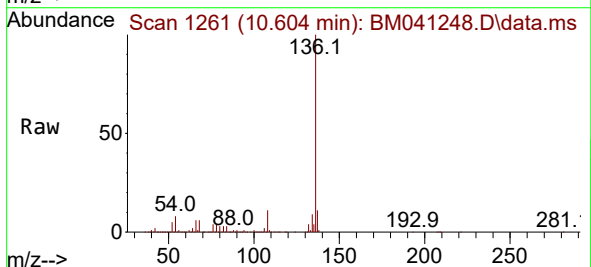
Ion Ratio Lower Upper

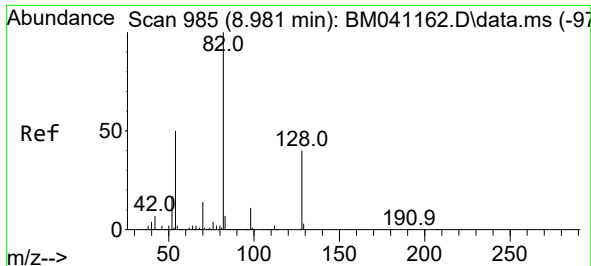
136 100

137 10.9 8.8 13.2

54 7.7 6.9 10.3

68 6.2 5.4 8.2

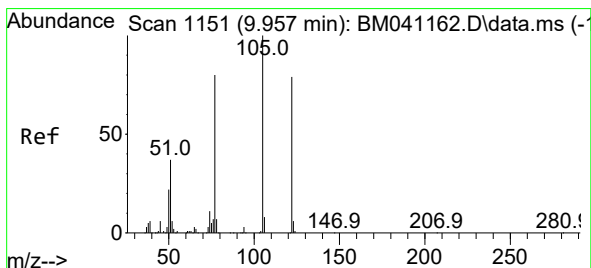
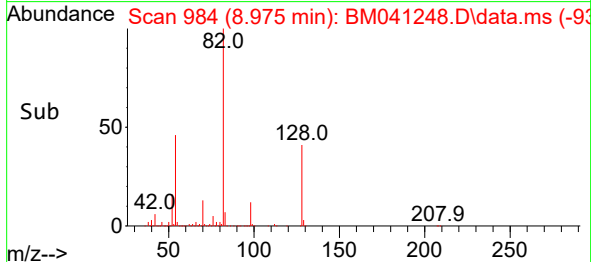
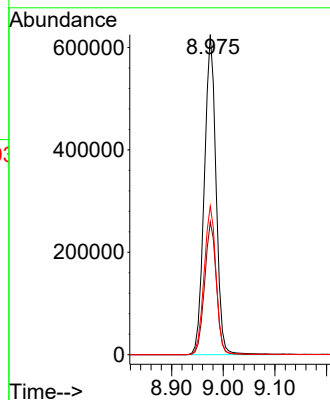
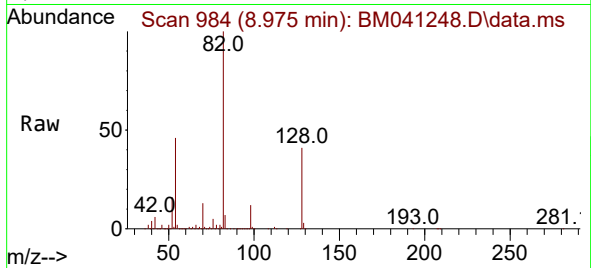




#23
Nitrobenzene-d5
Concen: 54.471 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

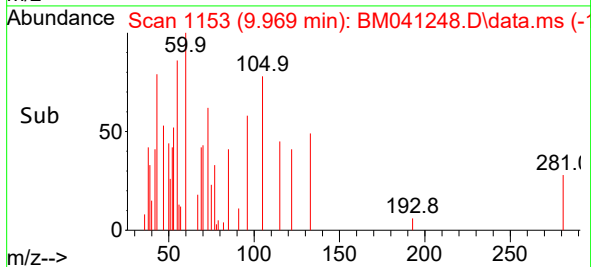
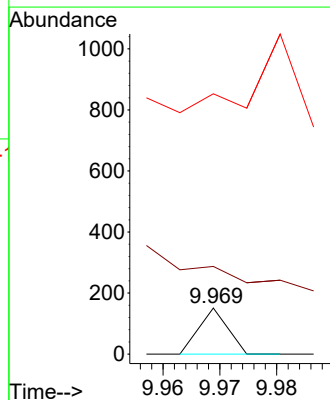
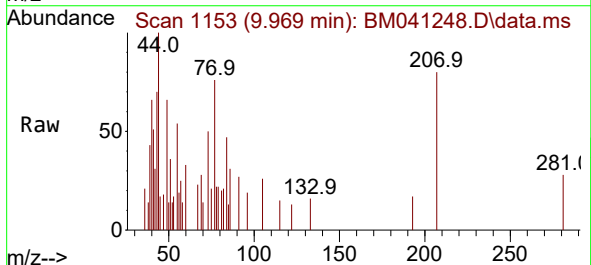
Instrument :
BNA_M
ClientSampleId :
WC-01

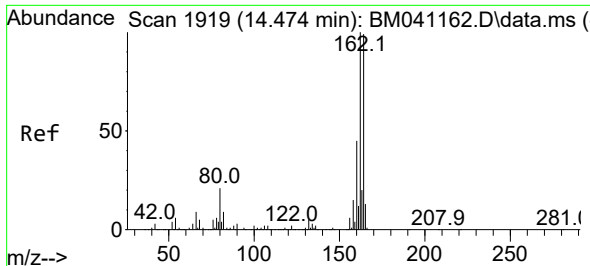
Tgt Ion: 82 Resp: 985997
Ion Ratio Lower Upper
82 100
128 41.5 31.8 47.6
54 46.5 40.1 60.1



#32
Benzoic acid
Concen: 7.160 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 190.1 104.0 144.0#
77 564.9 79.9 119.9#

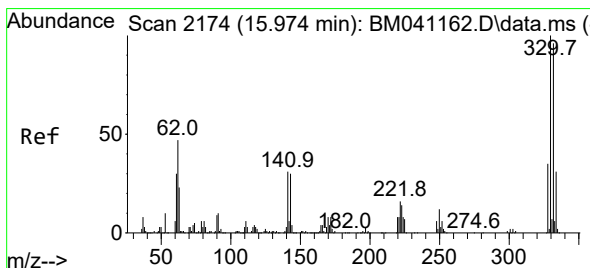
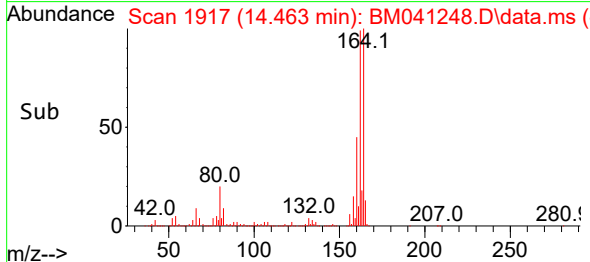
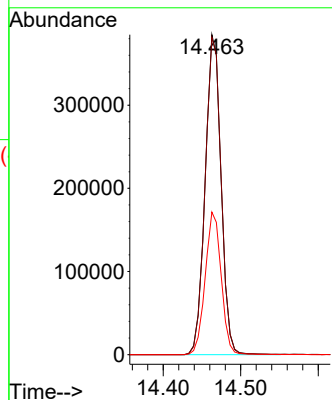
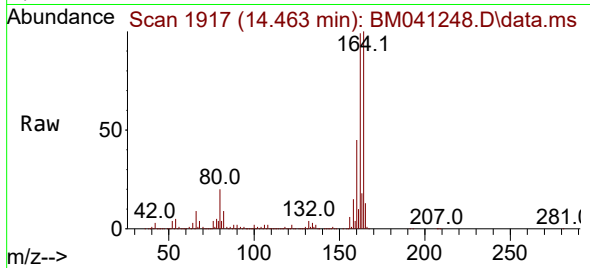




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

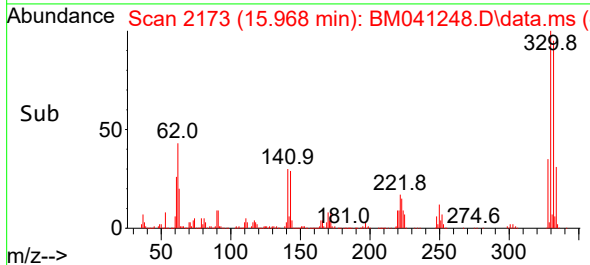
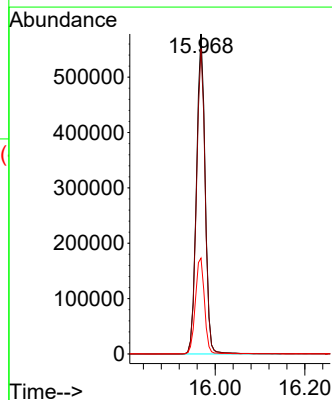
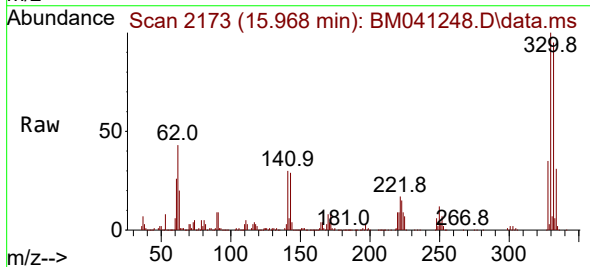
Instrument :
BNA_M
ClientSampleId :
WC-01

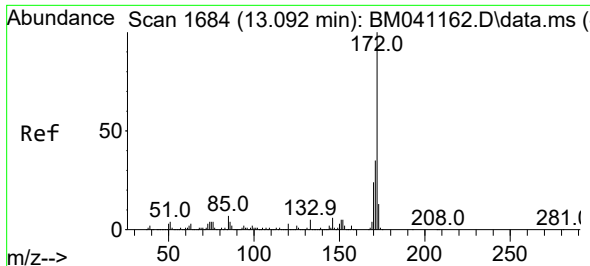
Tgt Ion:164 Resp: 547560
Ion Ratio Lower Upper
164 100
162 99.2 80.4 120.6
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 100.322 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion:330 Resp: 776987
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 31.3 28.3 42.5

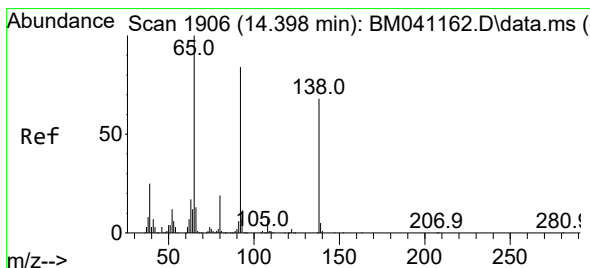
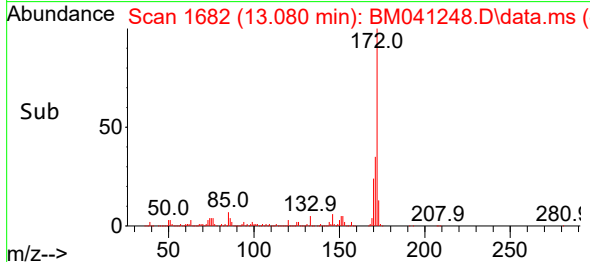
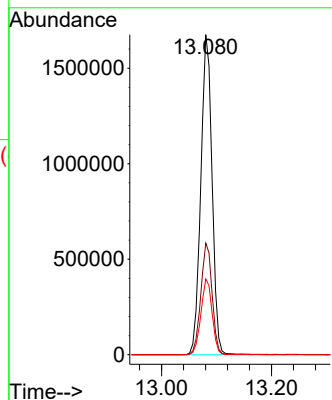
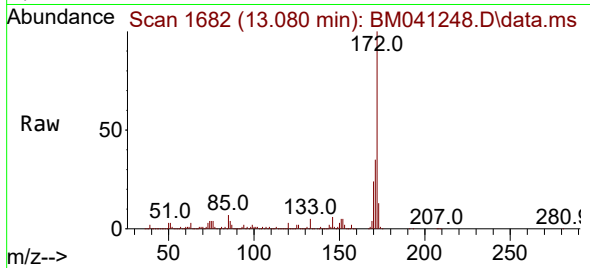




#45
2-Fluorobiphenyl
Concen: 55.045 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

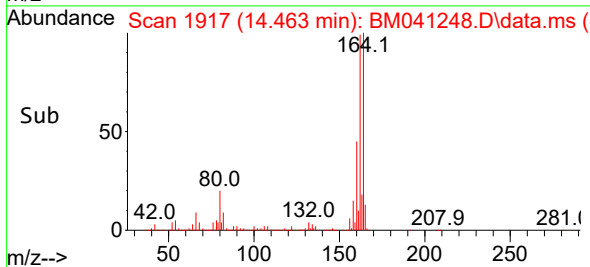
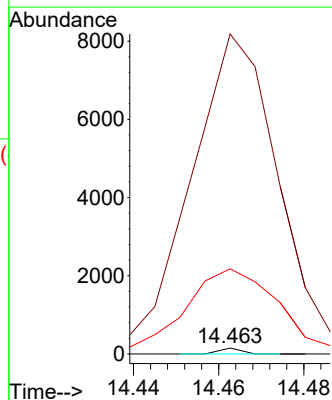
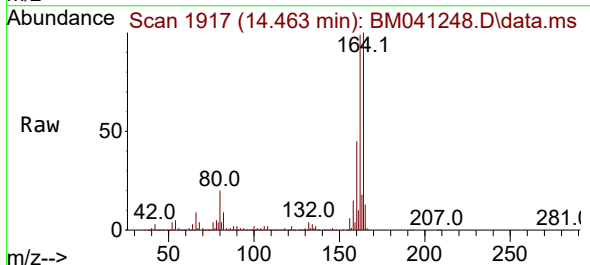
Instrument :
BNA_M
ClientSampleId :
WC-01

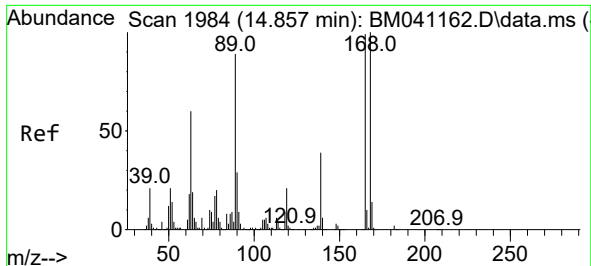
Tgt Ion:172 Resp: 2385928
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.6 18.9 28.3



#53
3-Nitroaniline
Concen: 2.583 ng
RT: 14.463 min Scan# 1917
Delta R.T. 0.070 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
108 5419.9 7.6 11.4#
92 1440.4 98.9 148.3#





#57

2,4-Dinitrotoluene

Concen: 2.676 ng

RT: 14.869 min Scan# 1984

Delta R.T. 0.012 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

Instrument :

BNA_M

ClientSampleId :

WC-01

Tgt Ion:165 Resp: 67

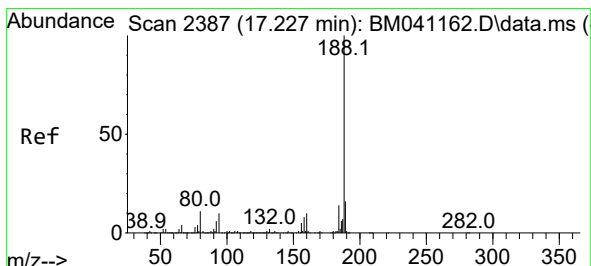
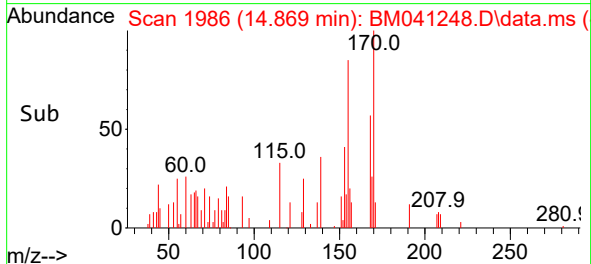
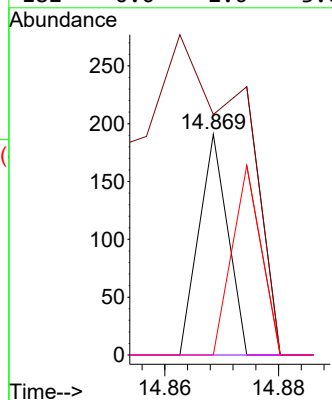
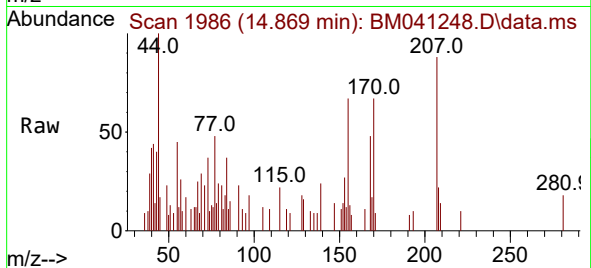
Ion Ratio Lower Upper

165 100

63 108.9 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

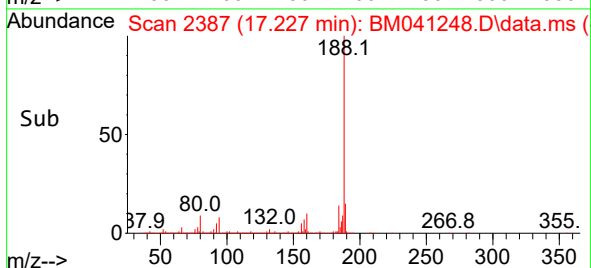
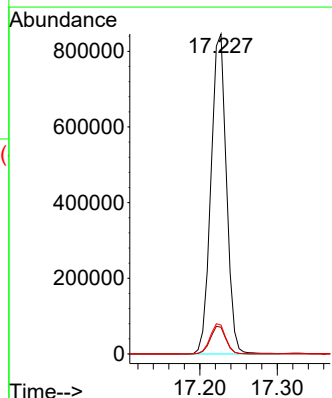
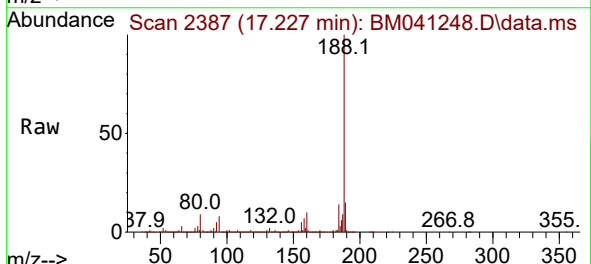
Tgt Ion:188 Resp: 1172376

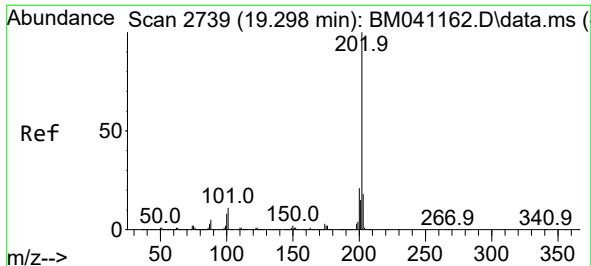
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

80 9.0 8.6 13.0

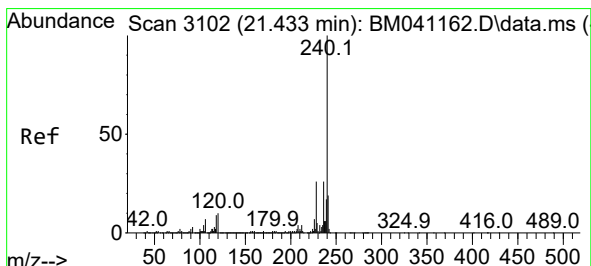
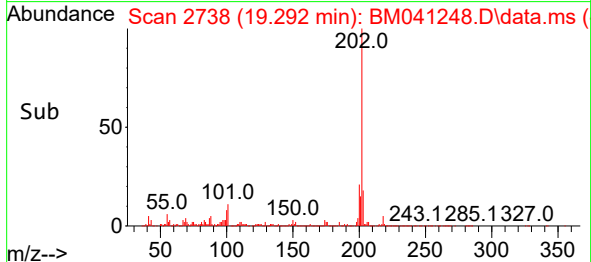
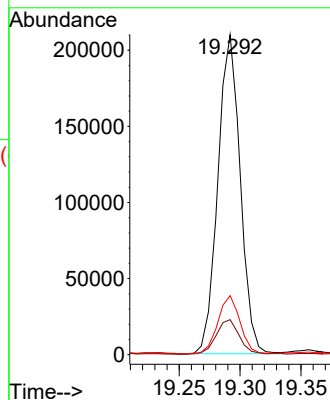
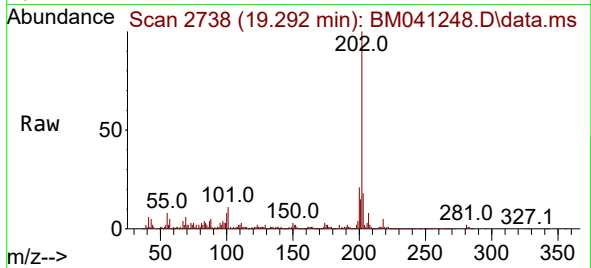




#75
Fluoranthene
Concen: 3.661 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

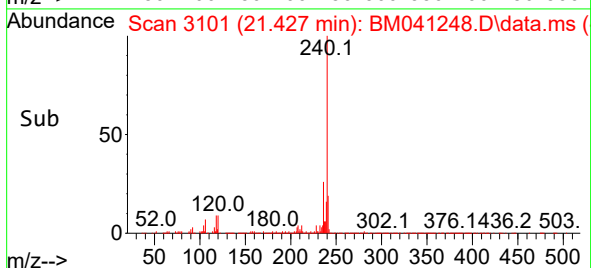
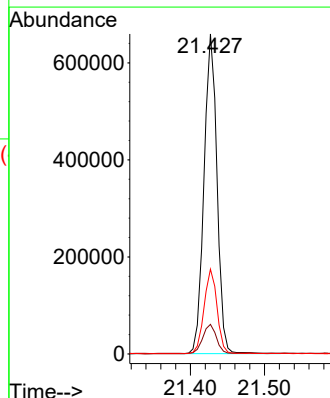
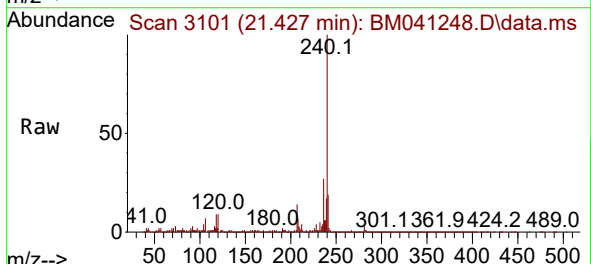
Instrument :
BNA_M
ClientSampleId :
WC-01

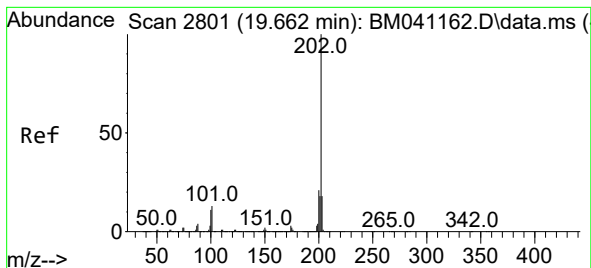
Tgt Ion:202 Resp: 267939
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.8
203 18.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion:240 Resp: 802353
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.5 20.6 30.8





#78

Pyrene

Concen: 7.170 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

Instrument :

BNA_M

ClientSampleId :

WC-01

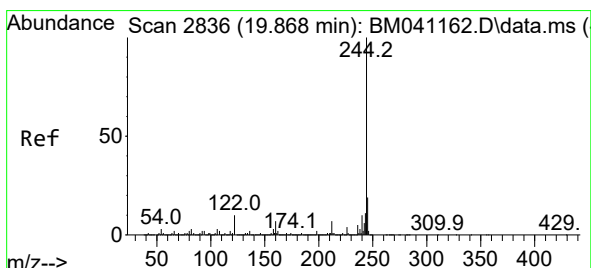
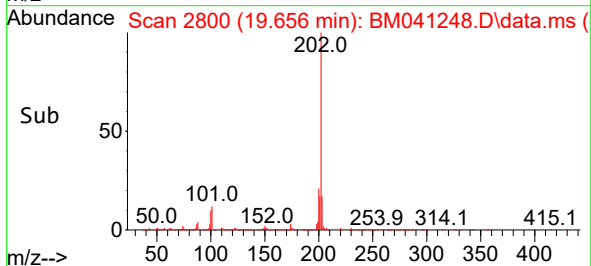
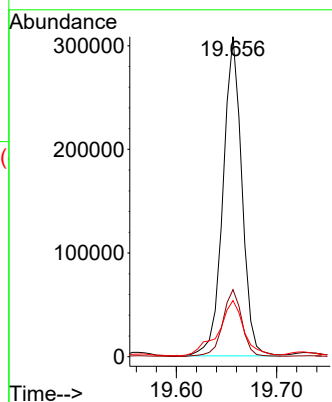
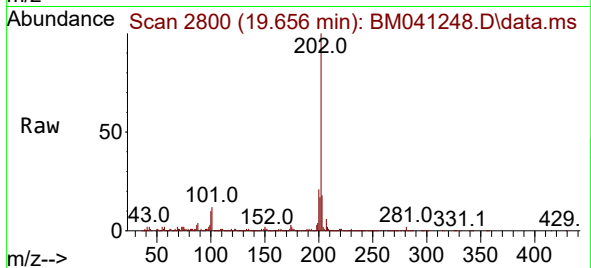
Tgt Ion:202 Resp: 402315

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.5 14.1 21.1



#79

Terphenyl-d14

Concen: 79.558 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

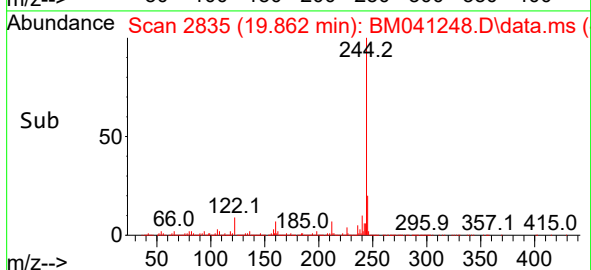
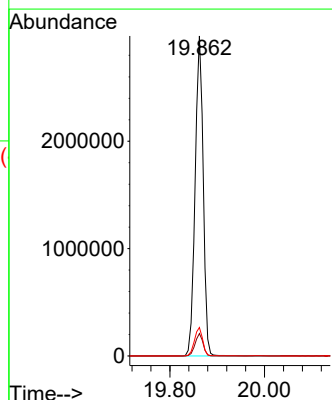
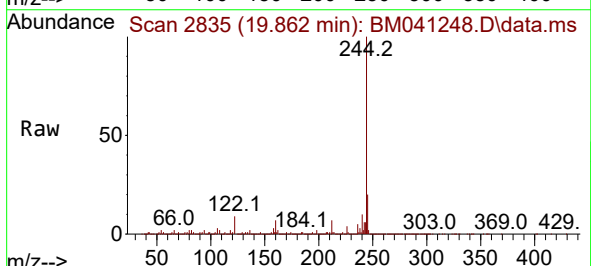
Tgt Ion:244 Resp: 3530498

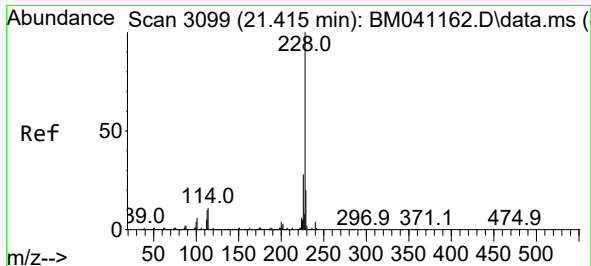
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.9 7.8 11.6

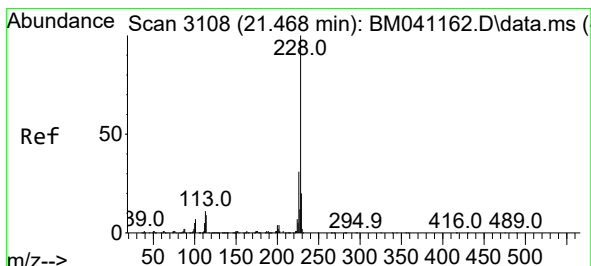
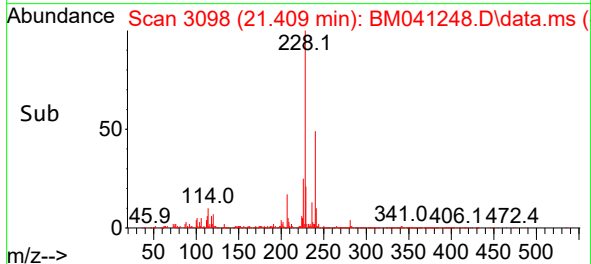
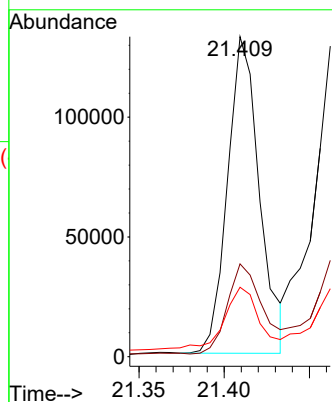
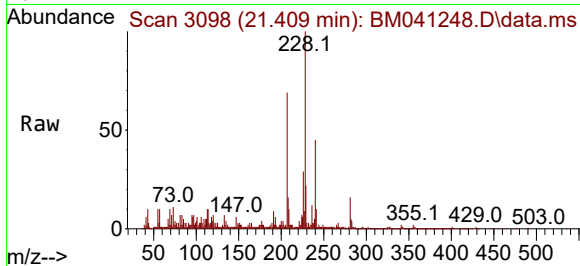




#81
Benzo(a)anthracene
Concen: 3.171 ng
RT: 21.409 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

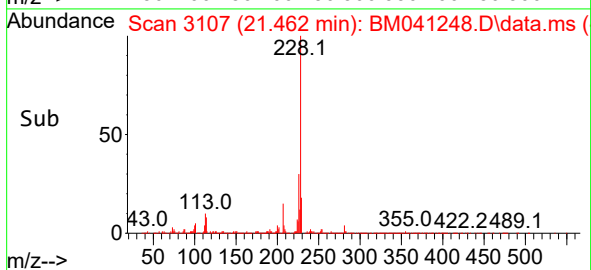
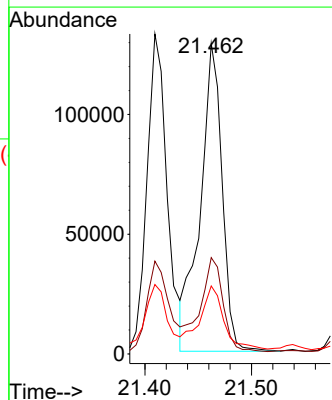
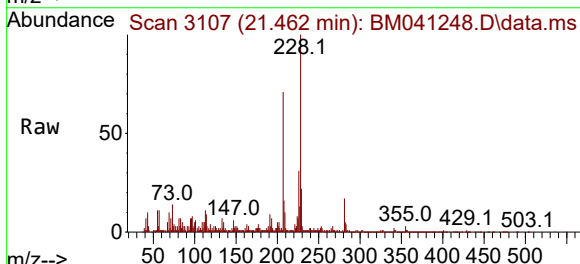
Instrument :
BNA_M
ClientSampleId :
WC-01

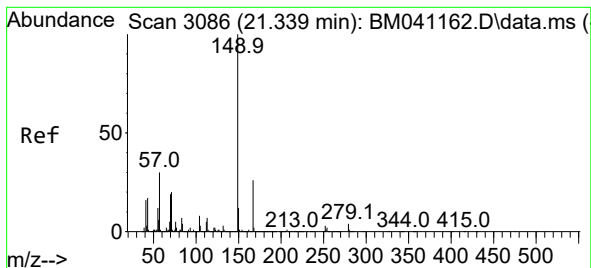
Tgt Ion:228 Resp: 172497
Ion Ratio Lower Upper
228 100
226 29.0 22.4 33.6
229 21.7 15.8 23.8



#83
Chrysene
Concen: 3.500 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion:228 Resp: 184138
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.9 15.8 23.8

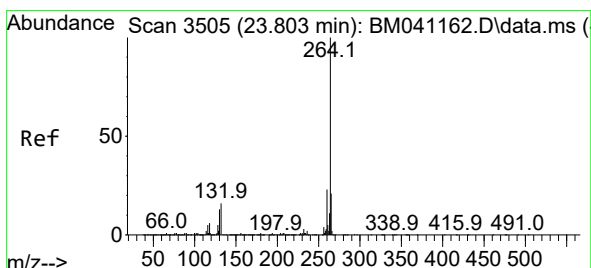
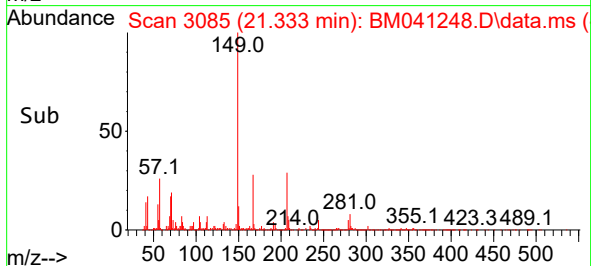
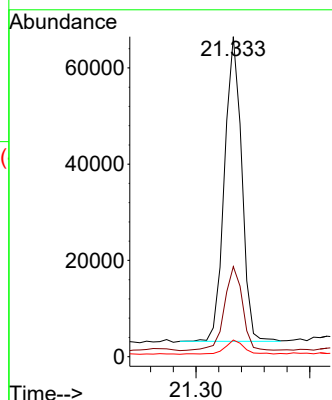
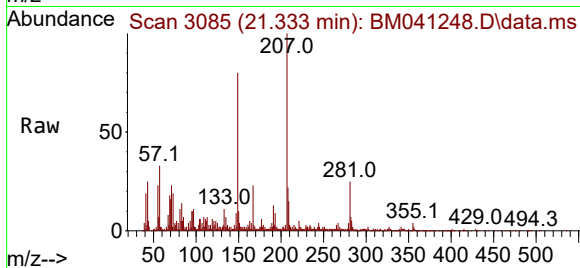




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.479 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM041248.D
 Acq: 02 Aug 2023 17:07

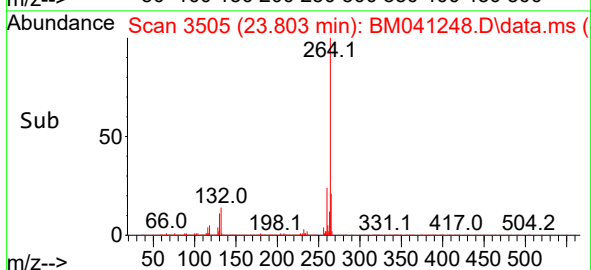
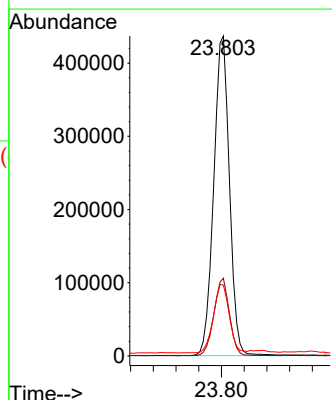
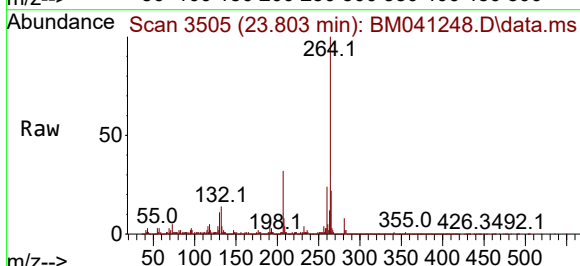
Instrument :
 BNA_M
 ClientSampleId :
 WC-01

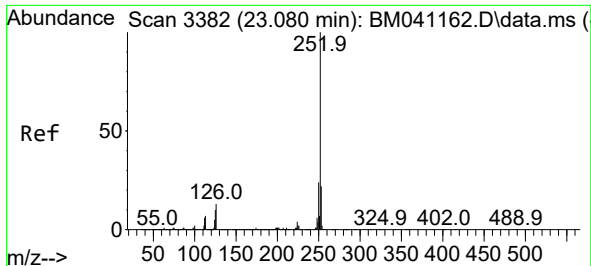
Tgt Ion:149 Resp: 66633
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.0 31.6
 279 5.2 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.803 min Scan# 3505
 Delta R.T. -0.000 min
 Lab File: BM041248.D
 Acq: 02 Aug 2023 17:07

Tgt Ion:264 Resp: 834999
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 22.1 17.4 26.0

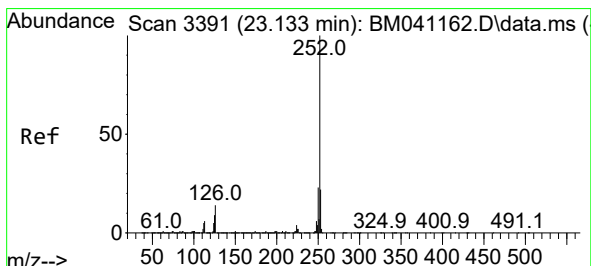
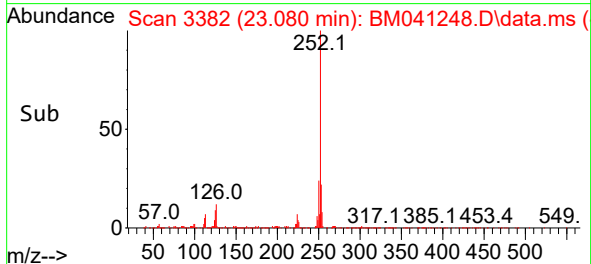
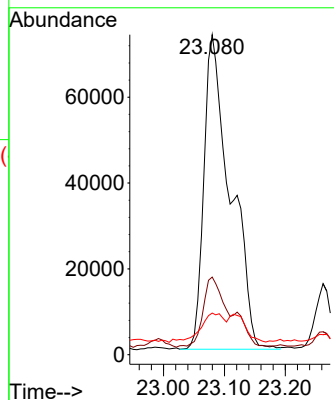
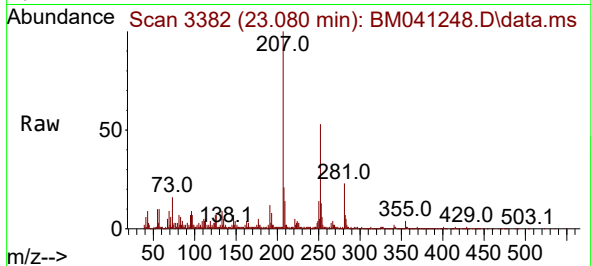




#88
Benzo(b)fluoranthene
Concen: 4.477 ng
RT: 23.080 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

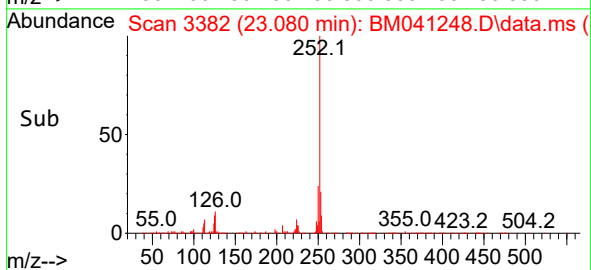
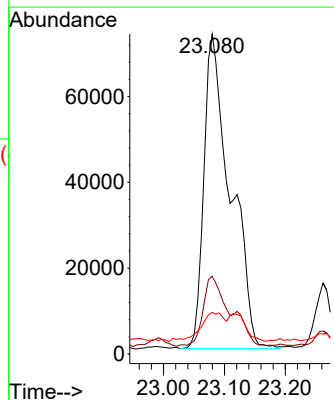
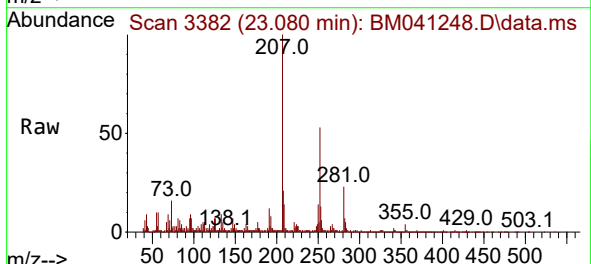
Instrument :
BNA_M
ClientSampleId :
WC-01

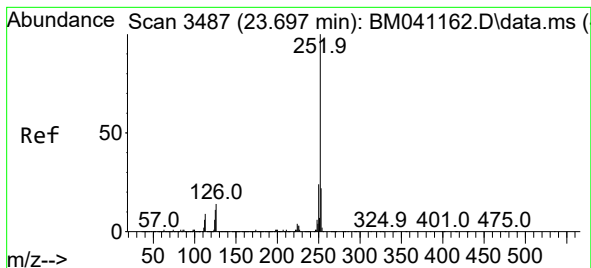
Tgt Ion:252 Resp: 222063
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 13.0 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 4.376 ng
RT: 23.080 min Scan# 3382
Delta R.T. -0.053 min
Lab File: BM041248.D
Acq: 02 Aug 2023 17:07

Tgt Ion:252 Resp: 222063
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 13.0 7.6 11.4#





#90

Benzo(a)pyrene

Concen: 3.101 ng

RT: 23.691 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

Instrument :

BNA_M

ClientSampleId :

WC-01

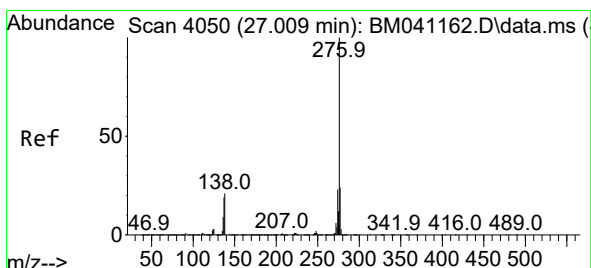
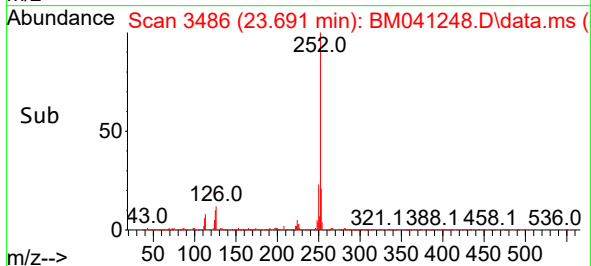
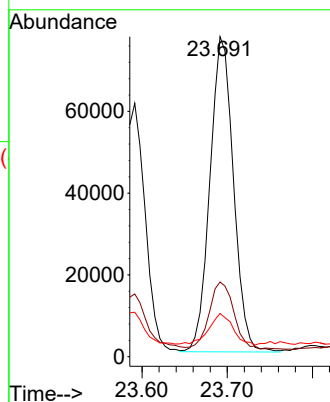
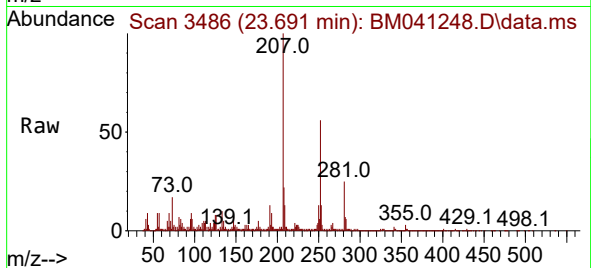
Tgt Ion:252 Resp: 147786

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 13.5 9.0 13.4#



#92

Benzo(g,h,i)perylene

Concen: 2.063 ng

RT: 27.003 min Scan# 4049

Delta R.T. -0.012 min

Lab File: BM041248.D

Acq: 02 Aug 2023 17:07

Tgt Ion:276 Resp: 103338

Ion Ratio Lower Upper

276 100

277 25.7 19.1 28.7

138 20.4 17.1 25.7

