

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
 Data File : BM047385.D
 Acq On : 28 Aug 2024 17:46
 Operator : RC/JU
 Sample : P3751-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 WC-CMC-ESLAG-1

Quant Time: Aug 28 18:23:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

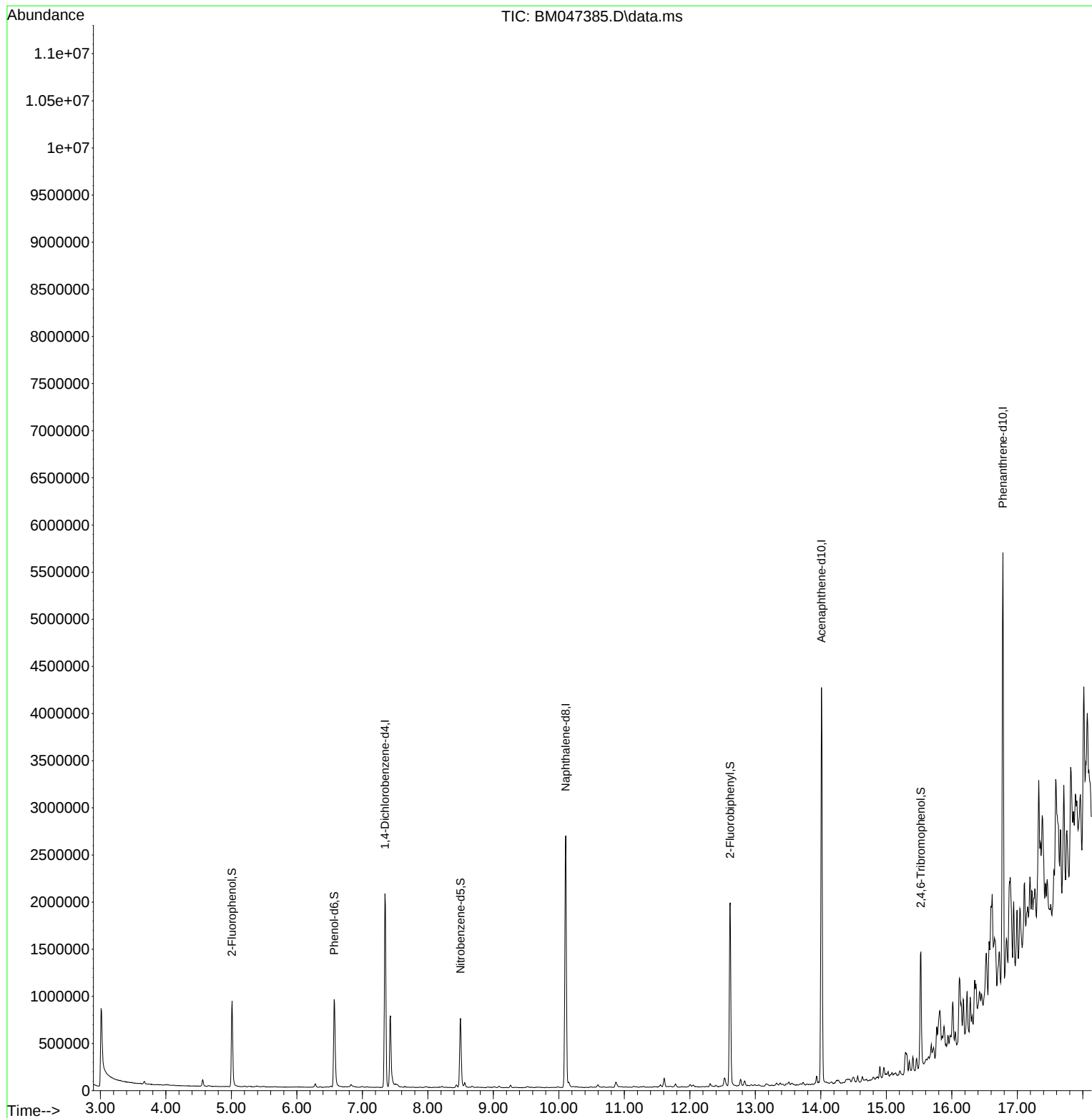
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	590196	40.000	ng	0.00
21) Naphthalene-d8	10.104	136	2236581	40.000	ng	0.00
39) Acenaphthene-d10	14.010	164	1498375	40.000	ng	0.00
64) Phenanthrene-d10	16.780	188	2785132	40.000	ng	0.00
76) Chrysene-d12	21.027	240	1669949	40.000	ng	0.00
86) Perylene-d12	23.733	264	1992373	40.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	421986	27.435	ng	0.00
7) Phenol-d6	6.569	99	603720	28.813	ng	0.00
23) Nitrobenzene-d5	8.498	82	451148	22.384	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	218886	24.216	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	1133472	23.246	ng	0.00
79) Terphenyl-d14	19.445	244	1080603	23.036	ng	0.00
Target Compounds						
						Qvalue
78) Pyrene	19.227	202	132138	2.063	ng	# 93
83) Chrysene	21.068	228	121332	2.369	ng	# 87
84) Bis(2-ethylhexyl)phtha...	20.962	149	552782	15.607	ng	# 98
88) Benzo(b)fluoranthene	22.886	252	180558	3.107	ng	# 74
92) Benzo(g,h,i)perylene	27.668	276	163667	3.116	ng	96

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

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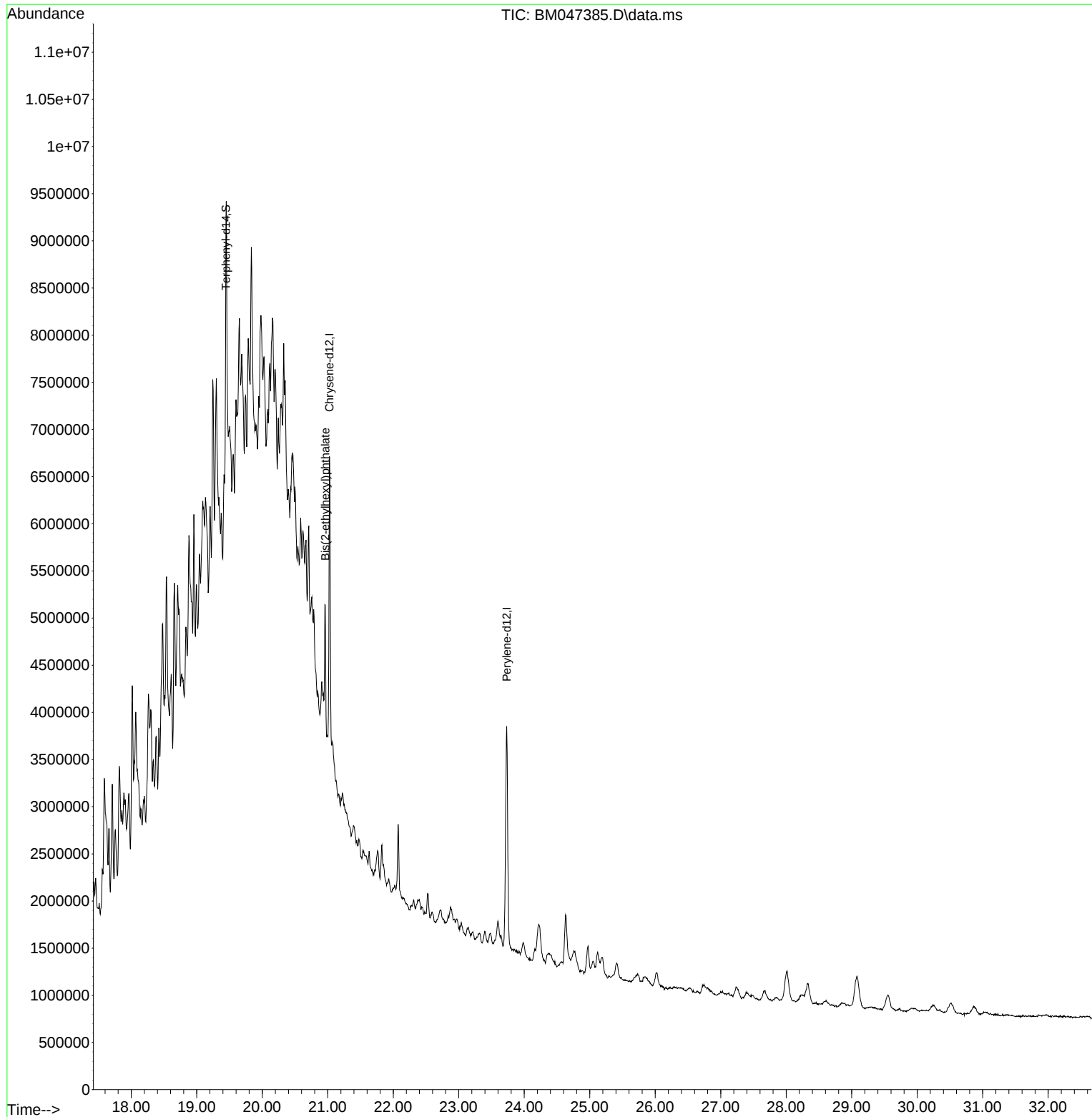
Quant Time: Aug 28 18:23:48 2024
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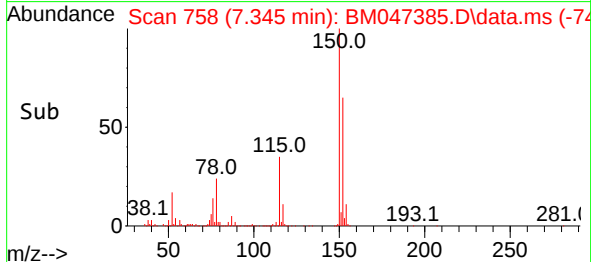
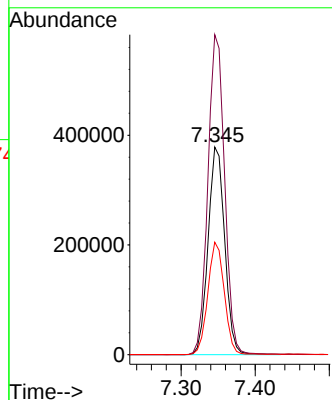
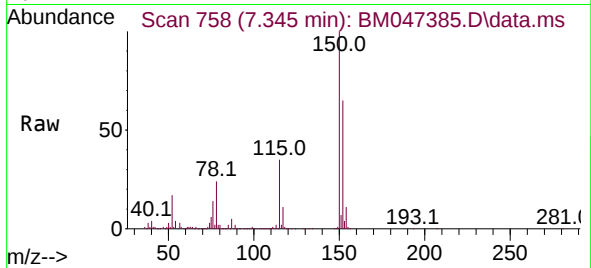




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

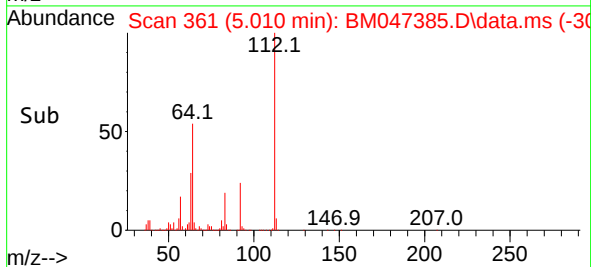
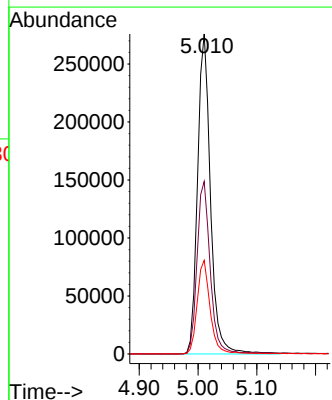
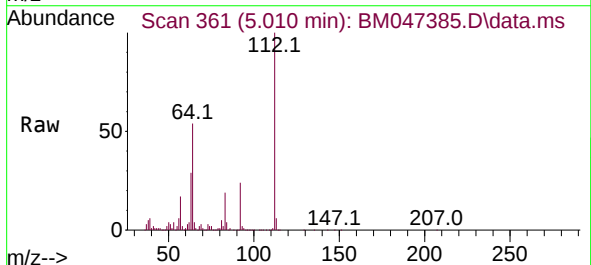
Instrument :
BNA_M
ClientSampleId :
WC-CMC-ESLAG-1

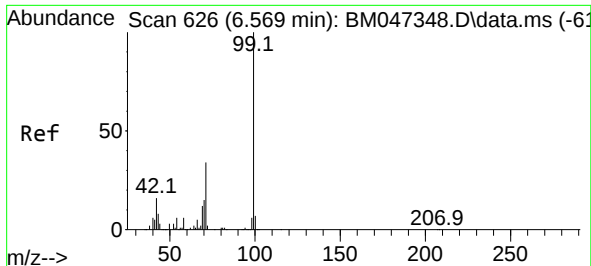
Tgt Ion:152 Resp: 590196
Ion Ratio Lower Upper
152 100
150 154.1 121.3 181.9
115 54.2 42.6 64.0



#5
2-Fluorophenol
Concen: 27.435 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

Tgt Ion:112 Resp: 421986
Ion Ratio Lower Upper
112 100
64 53.9 45.7 68.5
63 29.3 23.8 35.8

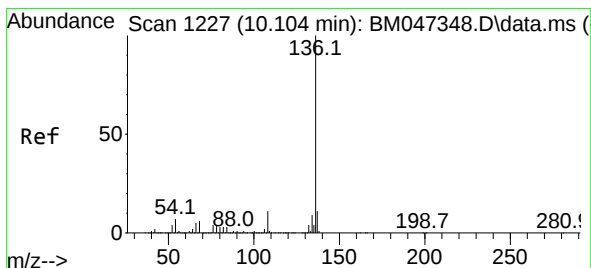
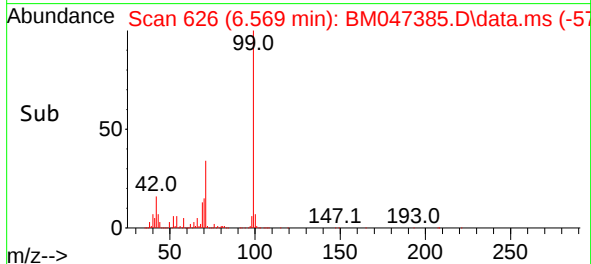
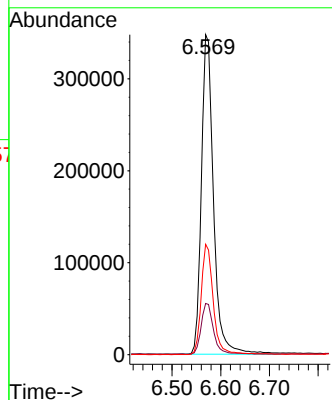
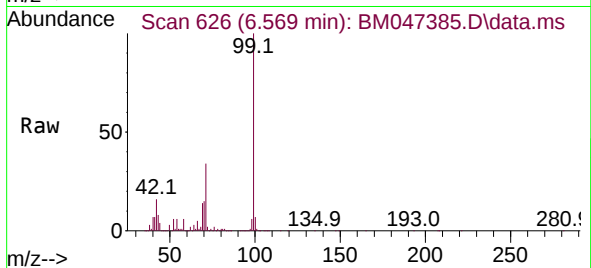




#7
Phenol-d6
Concen: 28.813 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

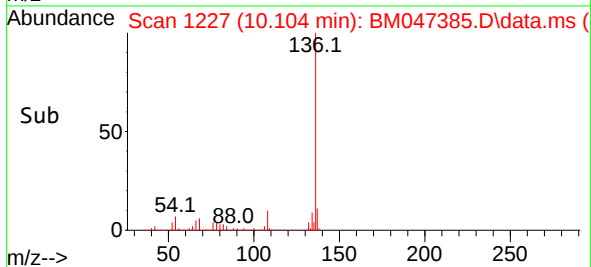
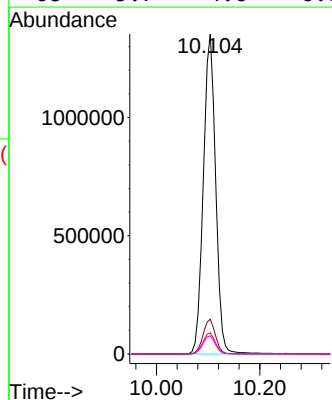
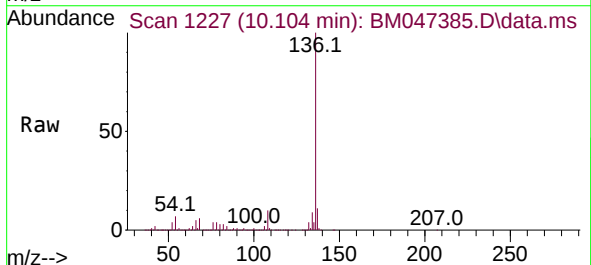
Instrument :
BNA_M
ClientSampleId :
WC-CMC-ESLAG-1

Tgt Ion: 99 Resp: 603720
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 34.5 27.5 41.3



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

Tgt Ion: 136 Resp: 2236581
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8

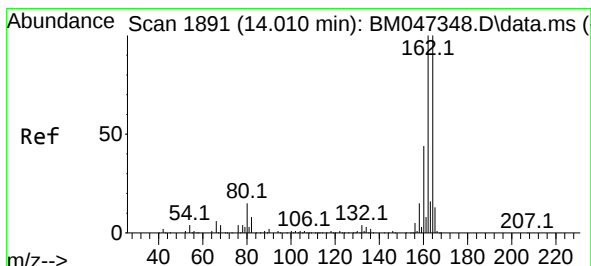
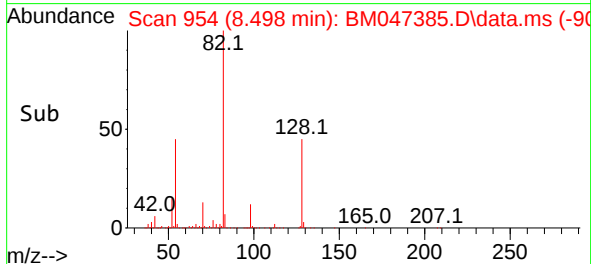
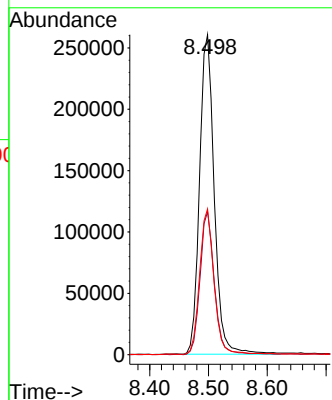
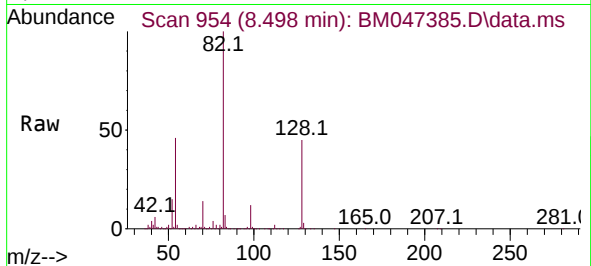




#23
Nitrobenzene-d5
Concen: 22.384 ng
RT: 8.498 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

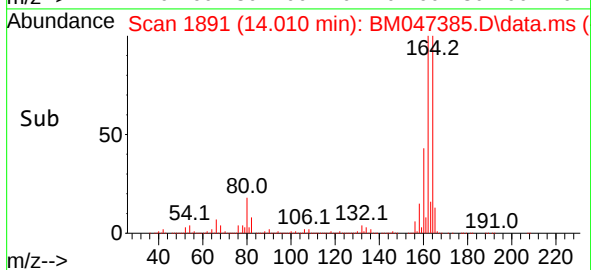
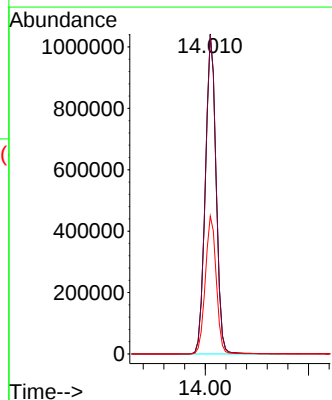
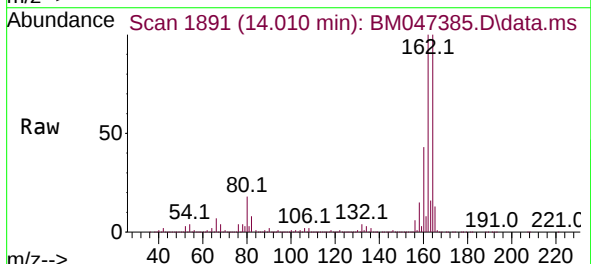
Instrument :
BNA_M
ClientSampleId :
WC-CMC-ESLAG-1

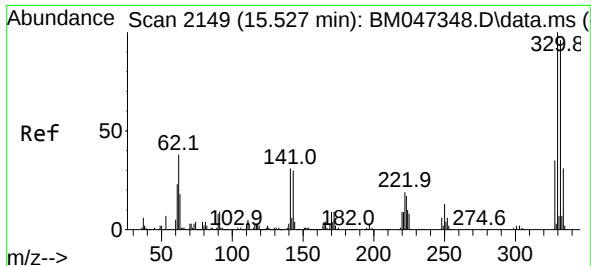
Tgt Ion: 82 Resp: 451148
Ion Ratio Lower Upper
82 100
128 44.7 34.6 51.8
54 45.5 35.5 53.3



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

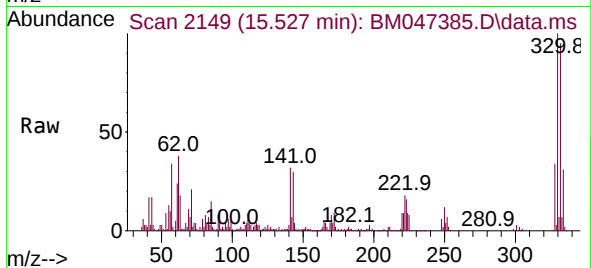
Tgt Ion: 164 Resp: 1498375
Ion Ratio Lower Upper
164 100
162 99.6 79.7 119.5
160 43.1 34.9 52.3



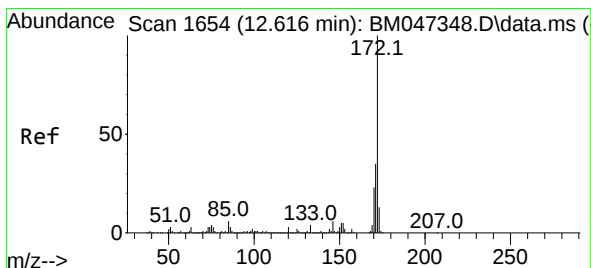
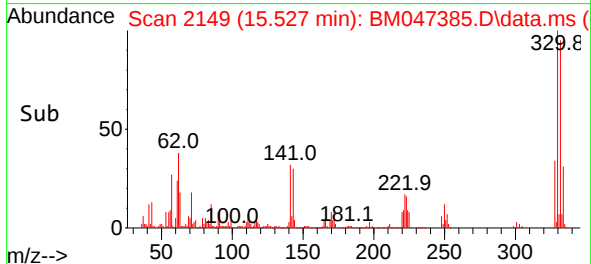
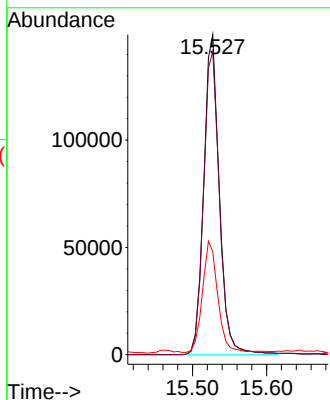


#42
2,4,6-Tribromophenol
Concen: 24.216 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

Instrument :
BNA_M
ClientSampleId :
WC-CMC-ESLAG-1

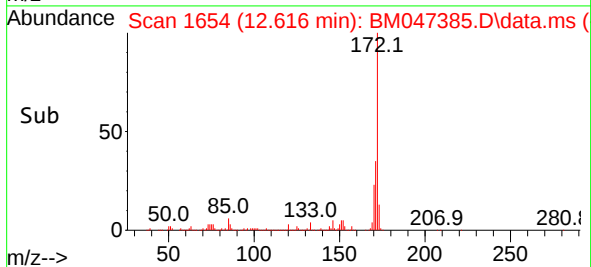
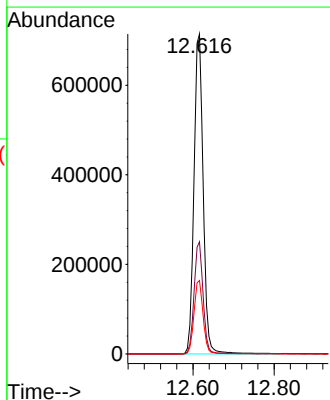
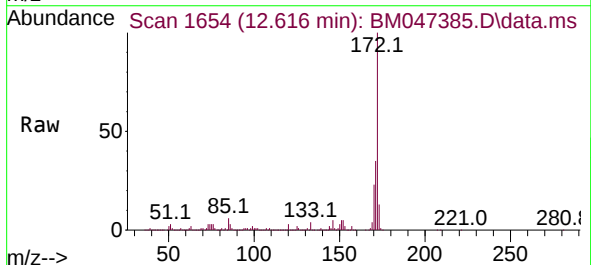


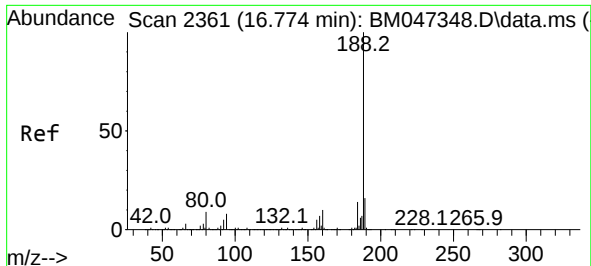
Tgt Ion:330 Resp: 218886
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 33.9 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 23.246 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

Tgt Ion:172 Resp: 1133472
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.0 18.5 27.7

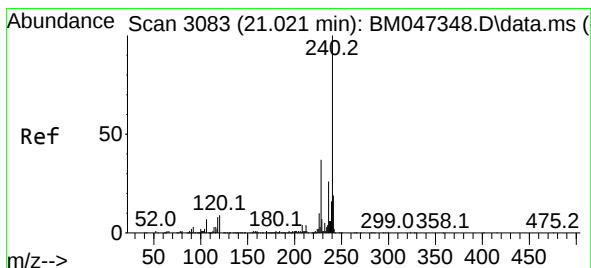
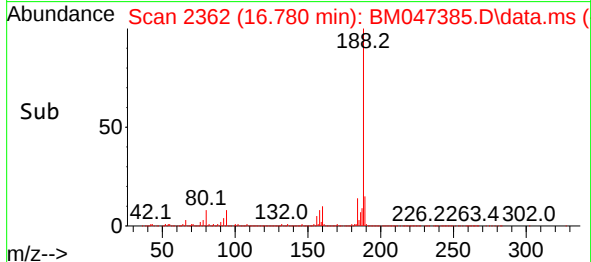
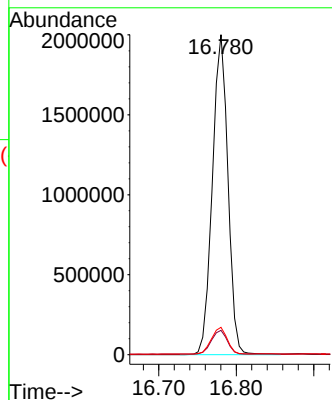
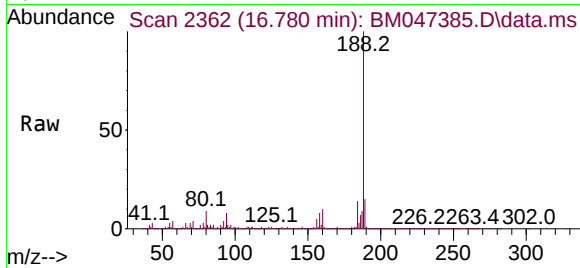




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 16.780 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

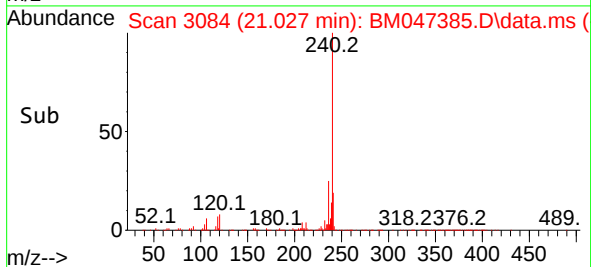
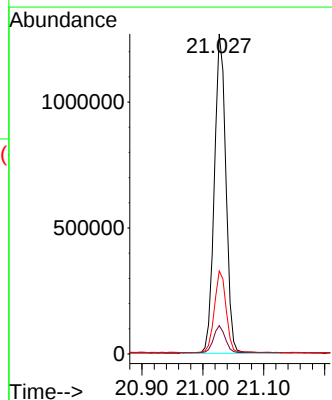
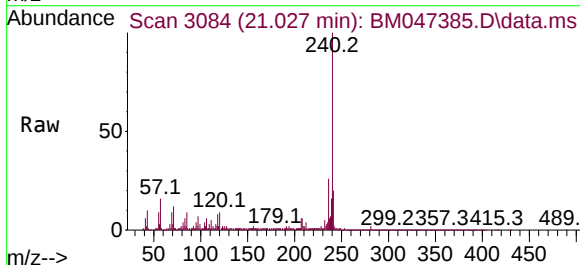
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ClientSampleId :
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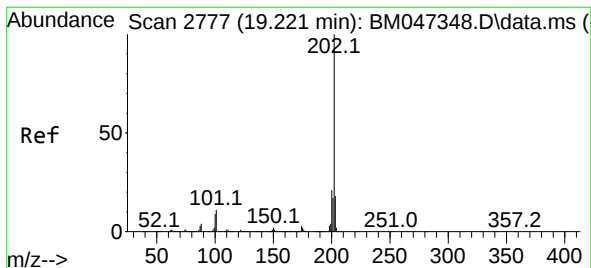
Tgt Ion:188 Resp: 2785132
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.5 7.4 11.2



#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.006 min
Lab File: BM047385.D
Acq: 28 Aug 2024 17:46

Tgt Ion:240 Resp: 1669949
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 25.9 20.8 31.2





#78

Pyrene

Concen: 2.063 ng

RT: 19.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047385.D

Acq: 28 Aug 2024 17:46

Instrument :

BNA_M

ClientSampleId :

WC-CMC-ESLAG-1

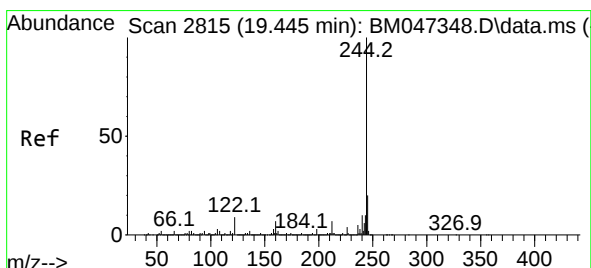
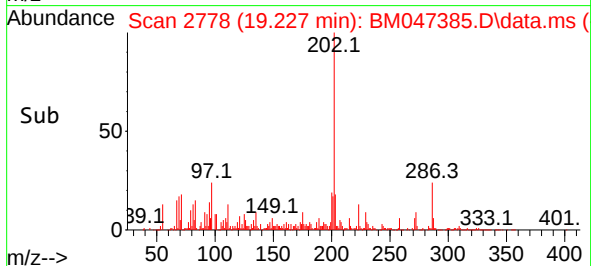
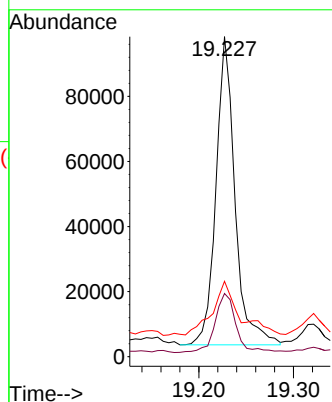
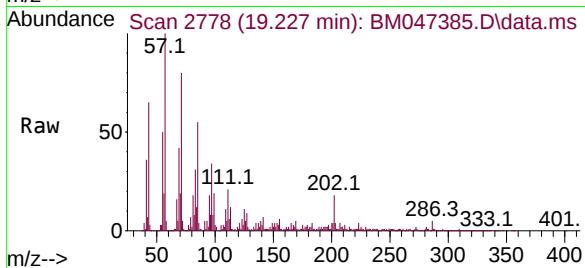
Tgt Ion:202 Resp: 132138

Ion Ratio Lower Upper

202 100

200 19.8 16.7 25.1

203 23.6 14.2 21.4#



#79

Terphenyl-d14

Concen: 23.036 ng

RT: 19.445 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BM047385.D

Acq: 28 Aug 2024 17:46

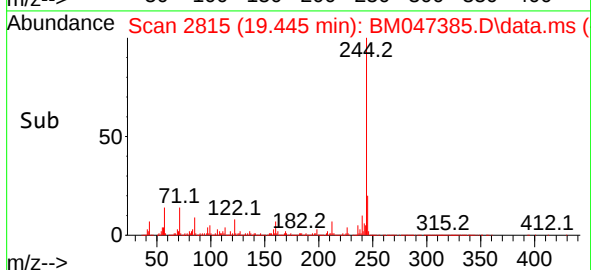
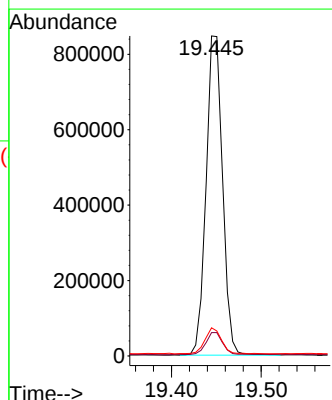
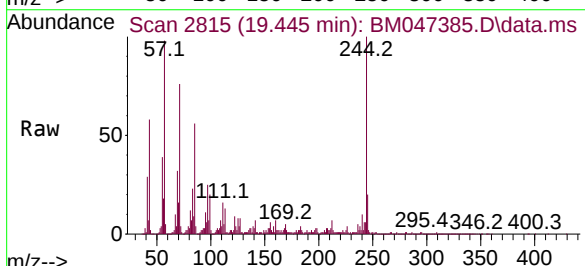
Tgt Ion:244 Resp: 1080603

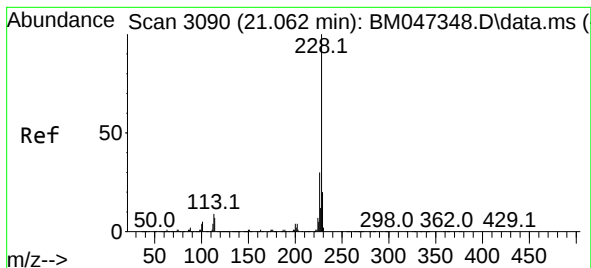
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.8 7.0 10.4





#83

Chrysene

Concen: 2.369 ng

RT: 21.068 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BM047385.D

Acq: 28 Aug 2024 17:46

Instrument :

BNA_M

ClientSampleId :

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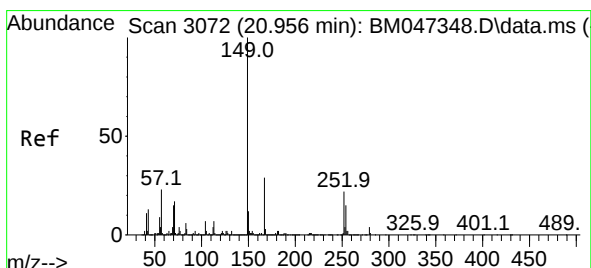
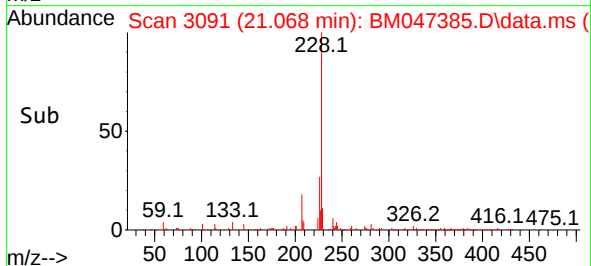
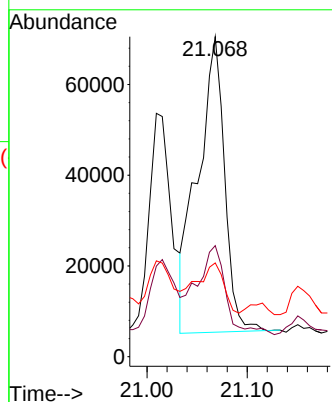
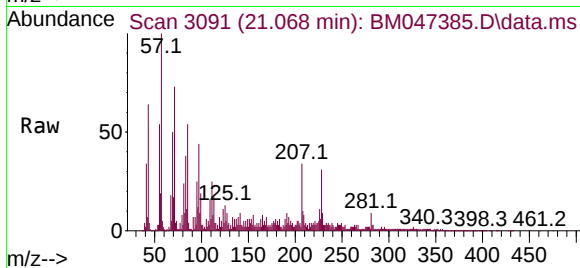
Tgt Ion:228 Resp: 121332

Ion Ratio Lower Upper

228 100

226 34.7 24.0 36.0

229 29.3 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 15.607 ng

RT: 20.962 min Scan# 3073

Delta R.T. 0.006 min

Lab File: BM047385.D

Acq: 28 Aug 2024 17:46

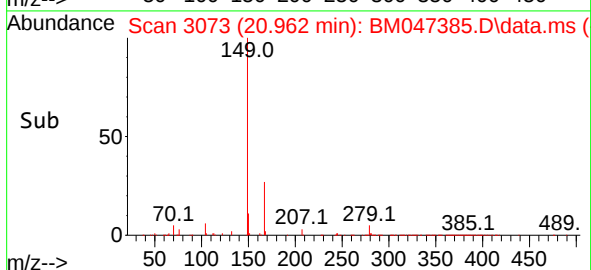
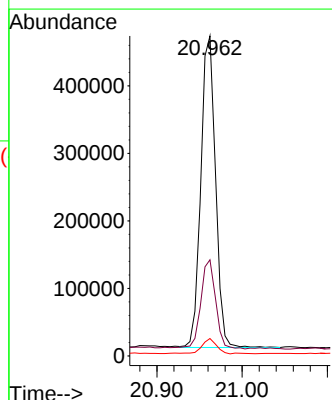
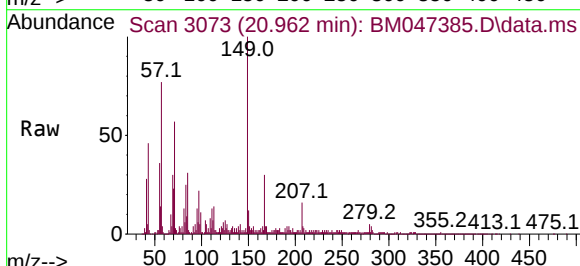
Tgt Ion:149 Resp: 552782

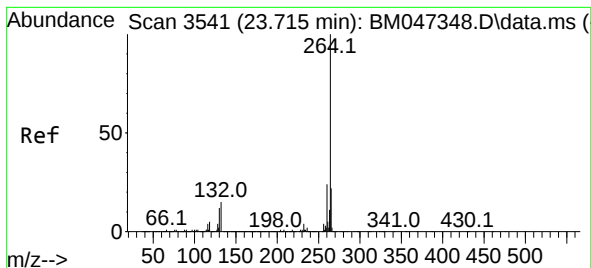
Ion Ratio Lower Upper

149 100

167 30.1 23.1 34.7

279 5.4 3.3 4.9#





#86

Perylene-d12

Concen: 40.000 ng

RT: 23.733 min Scan# 3

Delta R.T. 0.018 min

Lab File: BM047385.D

Acq: 28 Aug 2024 17:46

Instrument :

BNA_M

ClientSampleId :

WC-CMC-ESLAG-1

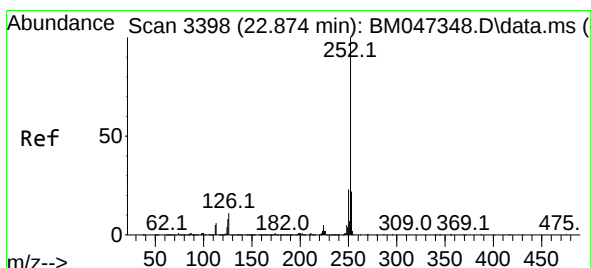
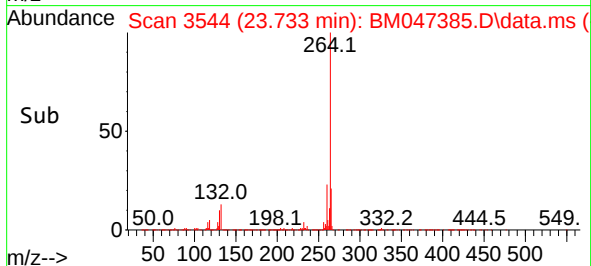
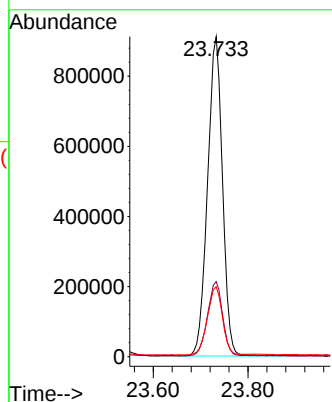
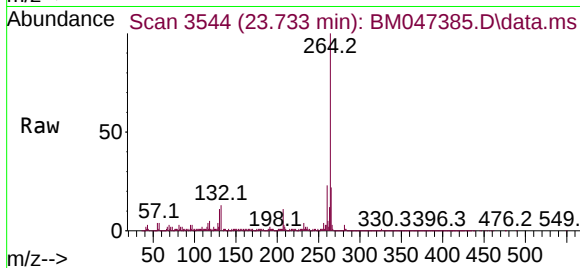
Tgt Ion:264 Resp: 1992373

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.8 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 3.107 ng

RT: 22.886 min Scan# 3400

Delta R.T. 0.012 min

Lab File: BM047385.D

Acq: 28 Aug 2024 17:46

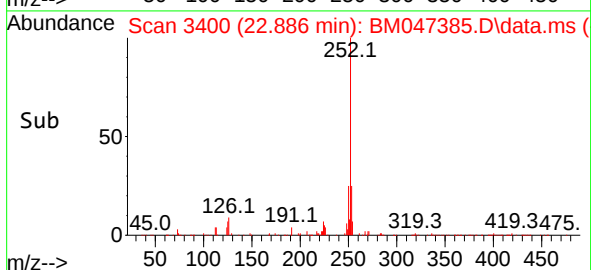
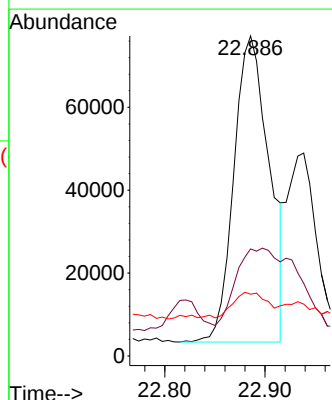
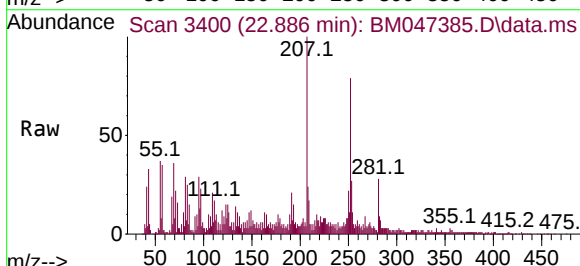
Tgt Ion:252 Resp: 180558

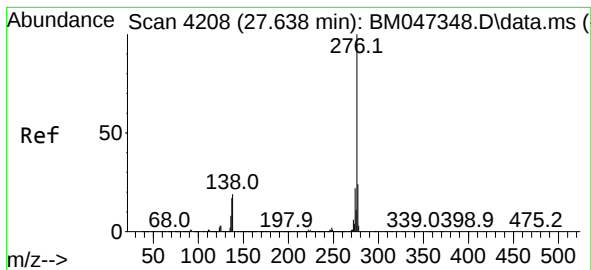
Ion Ratio Lower Upper

252 100

253 33.4 17.8 26.6#

125 19.3 6.6 10.0#





#92

Benzo(g,h,i)perylene

Concen: 3.116 ng

RT: 27.668 min Scan# 41

Delta R.T. 0.030 min

Lab File: BM047385.D

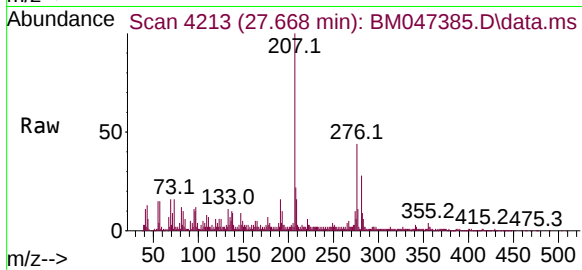
Acq: 28 Aug 2024 17:46

Instrument :

BNA_M

ClientSampleId :

WC-CMC-ESLAG-1



Tgt Ion:276 Resp: 163667

Ion Ratio Lower Upper

276 100

277 25.4 19.4 29.0

138 21.5 15.0 22.6

