

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
 Data File : BM047321.D
 Acq On : 22 Aug 2024 17:50
 Operator : RC/JU
 Sample : P3671-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-911-K1-SO-0.5-1-081924

Quant Time: Aug 22 18:30:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

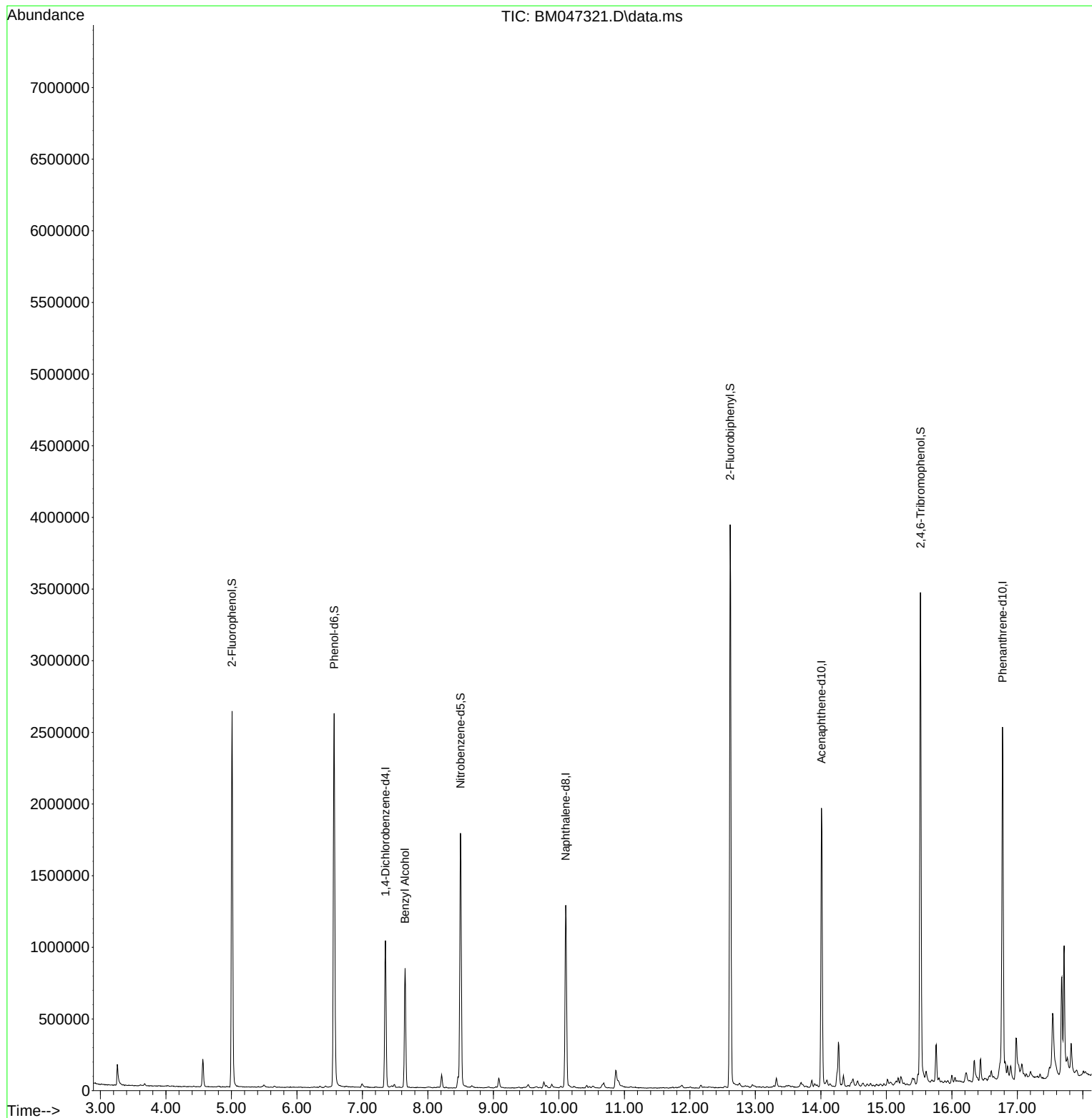
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	278538	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1071089	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	711312	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1465594	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1283781	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1217788	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1137184	72.951	ng	-0.01
7) Phenol-d6	6.569	99	1559947	72.626	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1041041	48.941	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	665250	80.658	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	2131203	46.217	ng	-0.03
79) Terphenyl-d14	19.445	244	2953944	49.304	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.651	79	15849	1.037	ng	# 1
75) Fluoranthene	18.856	202	137110	1.533	ng	98
78) Pyrene	19.221	202	123615	1.349	ng	98
88) Benzo(b)fluoranthene	22.868	252	92431	1.278	ng	# 95

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

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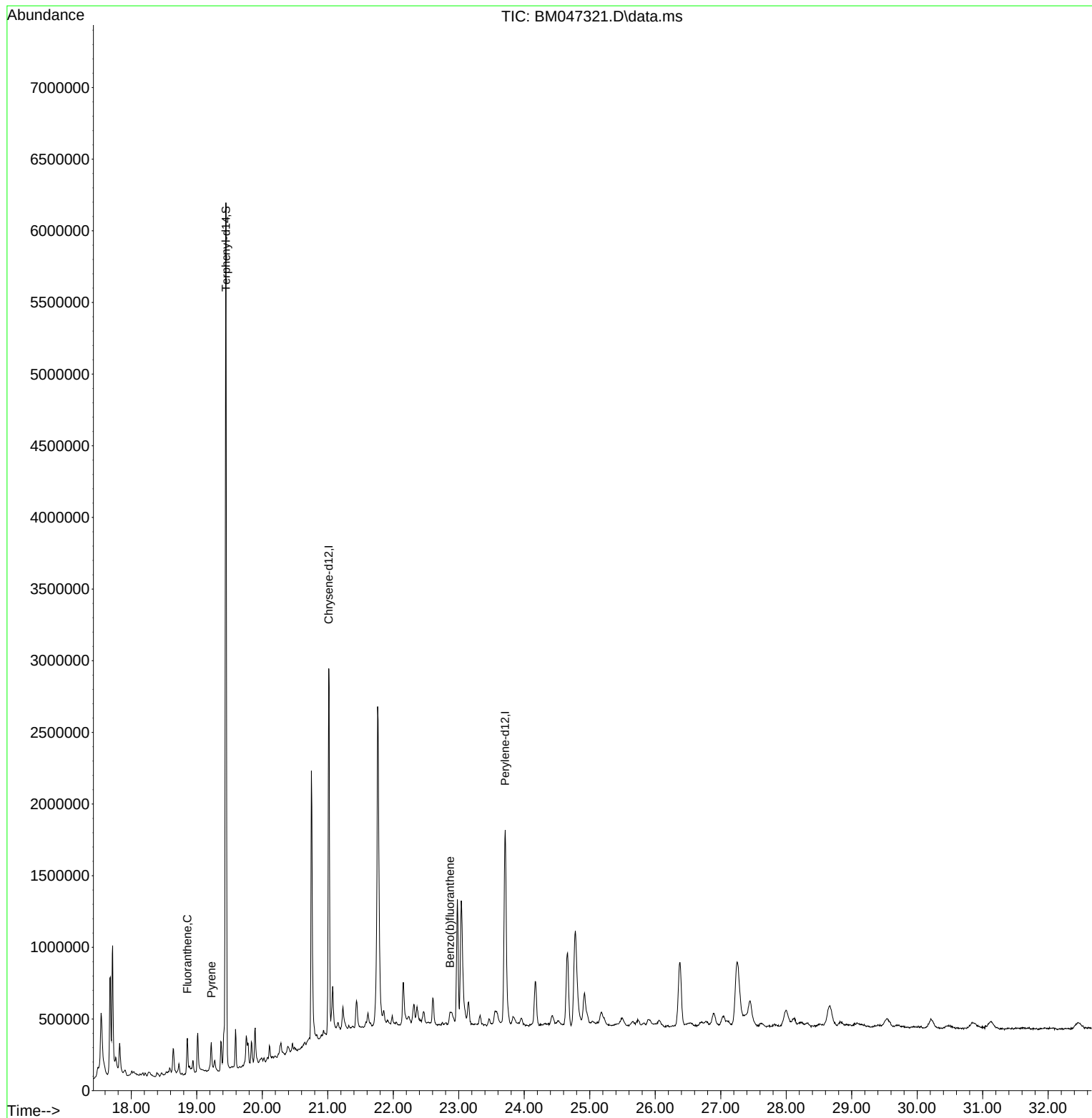
Quant Time: Aug 22 18:30:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

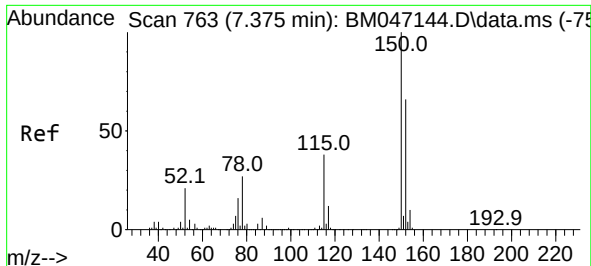


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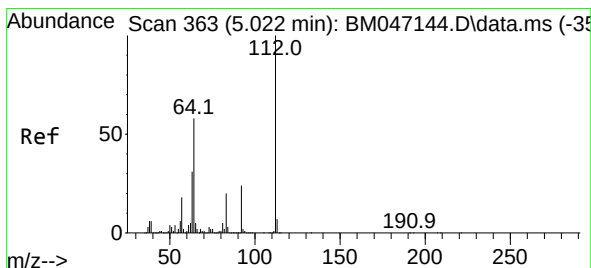
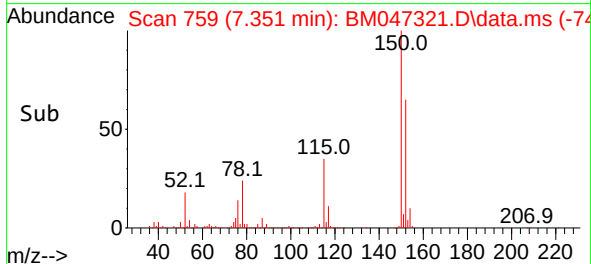
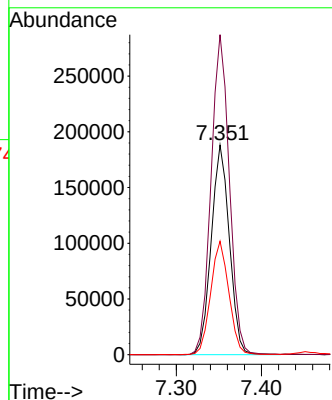
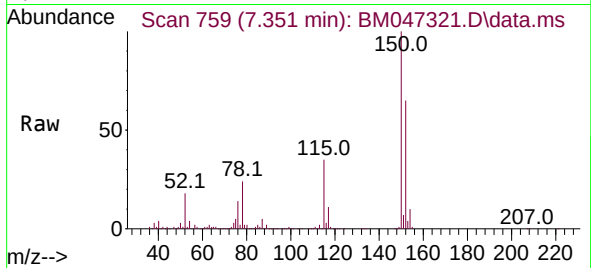




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

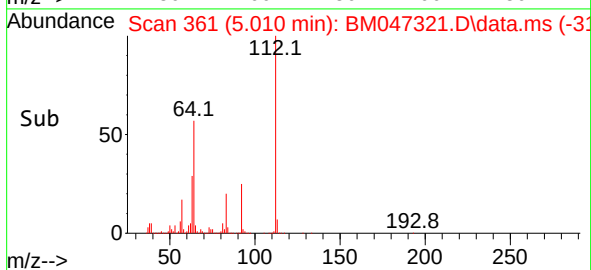
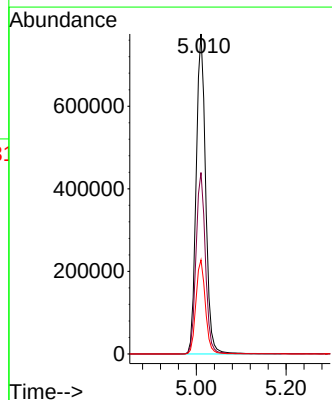
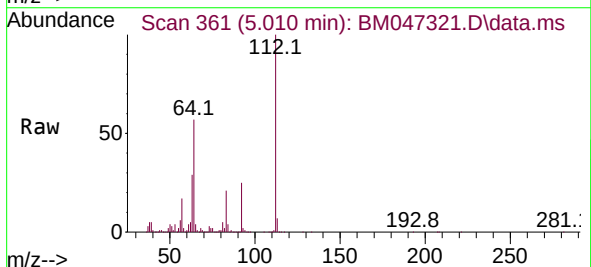
Instrument :
BNA_M
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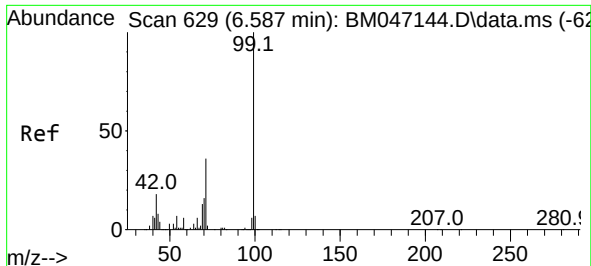
Tgt Ion:152 Resp: 278538
Ion Ratio Lower Upper
152 100
150 152.7 120.5 180.7
115 54.1 45.5 68.3



#5
2-Fluorophenol
Concen: 72.951 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion:112 Resp: 1137184
Ion Ratio Lower Upper
112 100
64 56.7 46.7 70.1
63 29.4 24.8 37.2

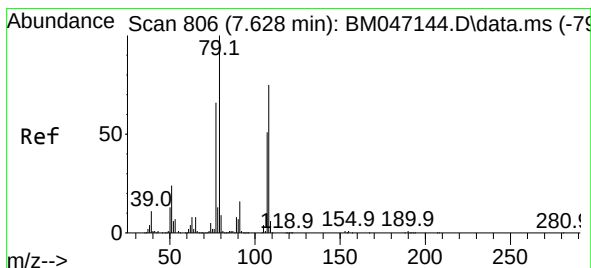
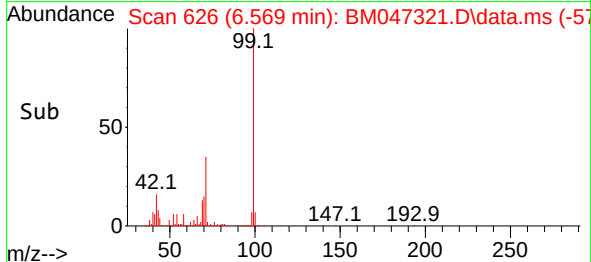
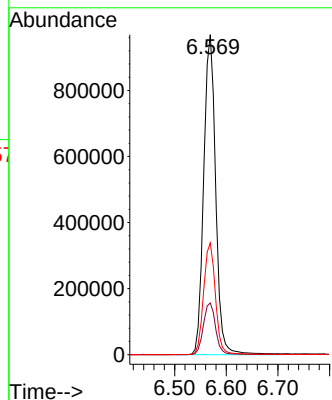
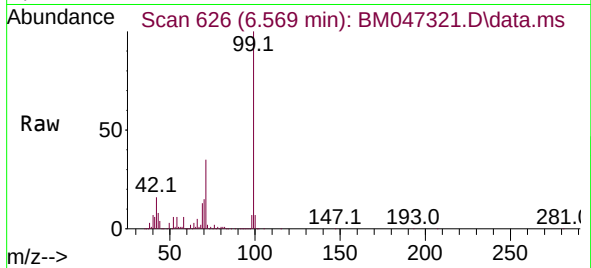




#7
Phenol-d6
Concen: 72.626 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

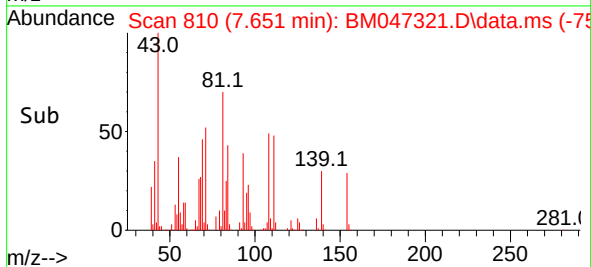
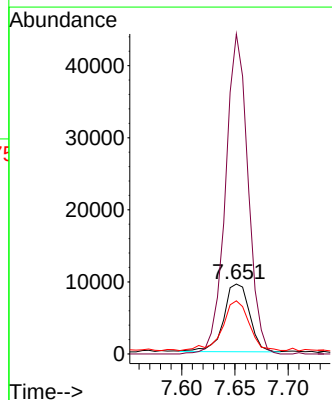
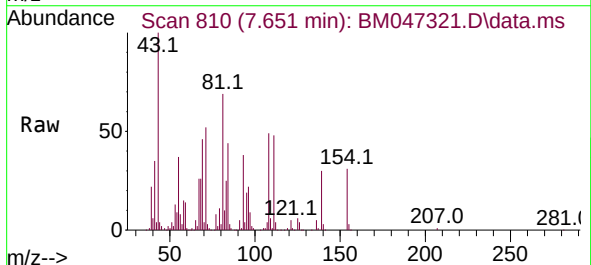
Instrument :
BNA_M
ClientSampleId :
S-911-K1-SO-0.5-1-081924

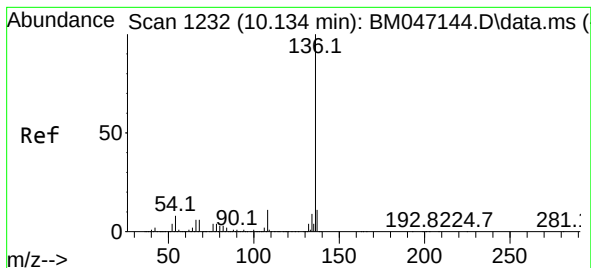
Tgt Ion: 99 Resp: 1559947
Ion Ratio Lower Upper
99 100
42 16.1 14.1 21.1
71 34.9 28.5 42.7



#15
Benzyl Alcohol
Concen: 1.037 ng
RT: 7.651 min Scan# 810
Delta R.T. 0.023 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion: 79 Resp: 15849
Ion Ratio Lower Upper
79 100
108 457.2 59.7 89.5#
77 76.0 52.9 79.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.104 min Scan# 11

Delta R.T. -0.030 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

S-911-K1-SO-0.5-1-081924

Tgt Ion:136 Resp: 1071089

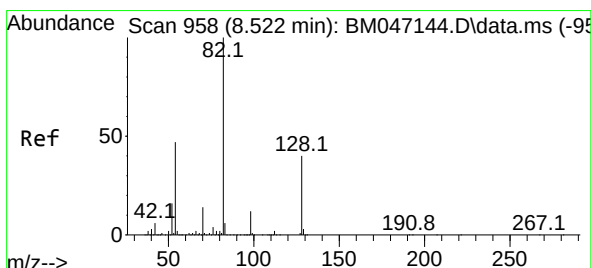
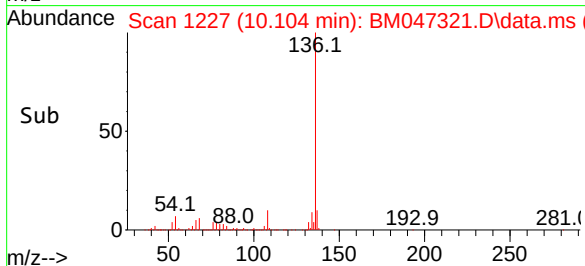
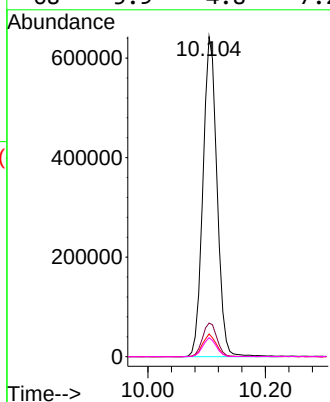
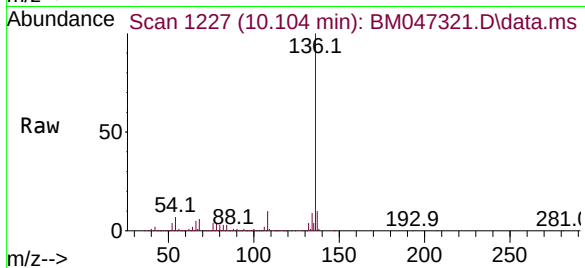
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.1 6.0 9.0

68 5.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 48.941 ng

RT: 8.498 min Scan# 954

Delta R.T. -0.024 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

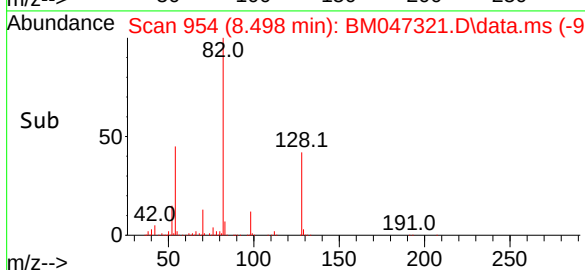
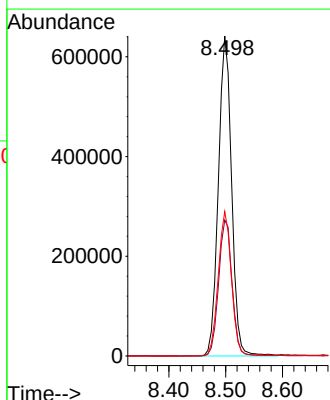
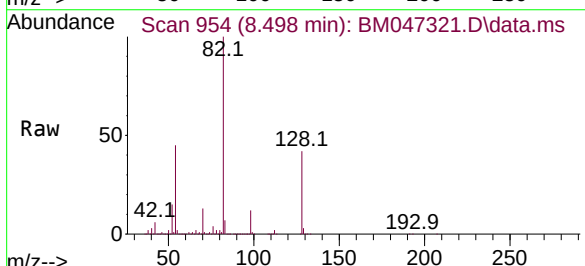
Tgt Ion: 82 Resp: 1041041

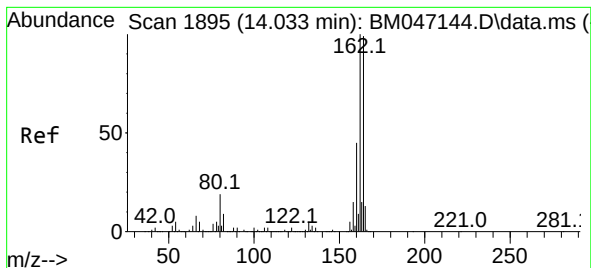
Ion Ratio Lower Upper

82 100

128 42.4 32.3 48.5

54 45.2 37.4 56.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.010 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM047321.D

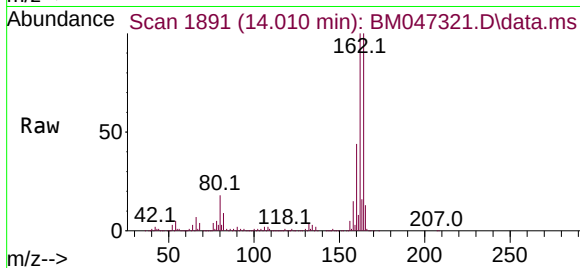
Acq: 22 Aug 2024 17:50

Instrument :

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ClientSampleId :

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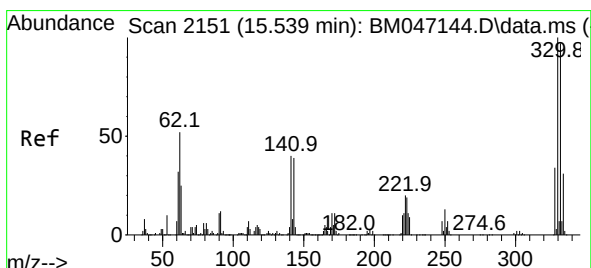
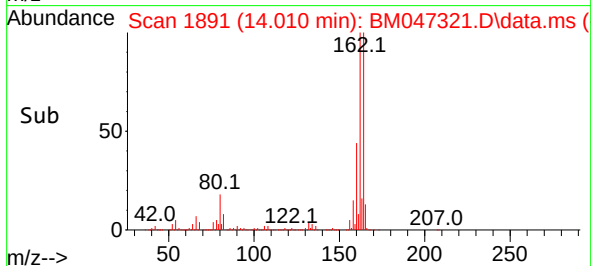
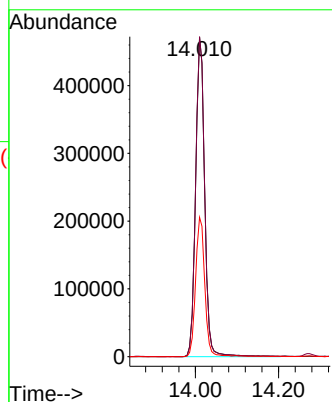
Tgt Ion:164 Resp: 711312

Ion Ratio Lower Upper

164 100

162 100.2 80.7 121.1

160 43.7 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 80.658 ng

RT: 15.521 min Scan# 2148

Delta R.T. -0.018 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

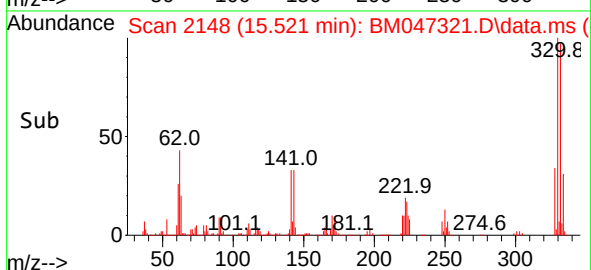
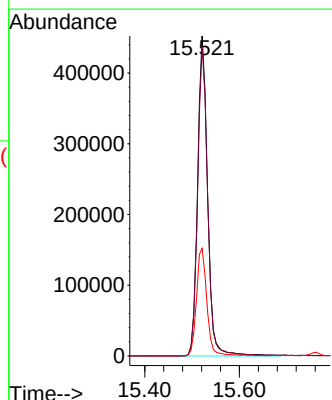
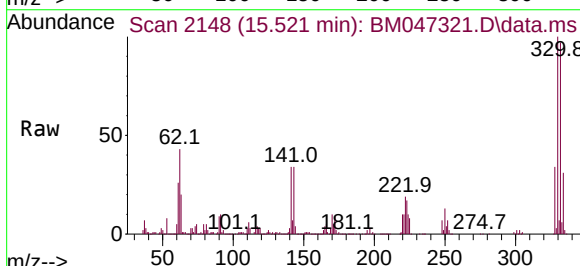
Tgt Ion:330 Resp: 665250

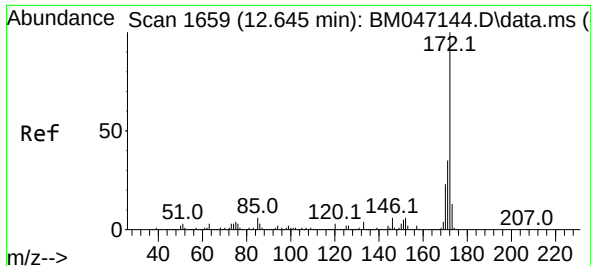
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

141 34.6 31.6 47.4

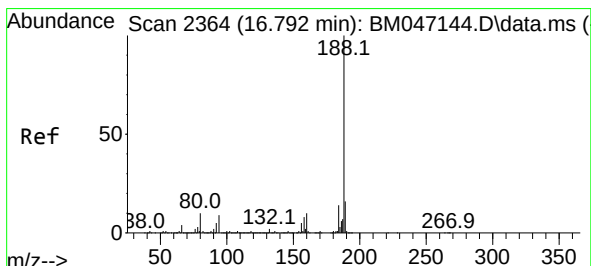
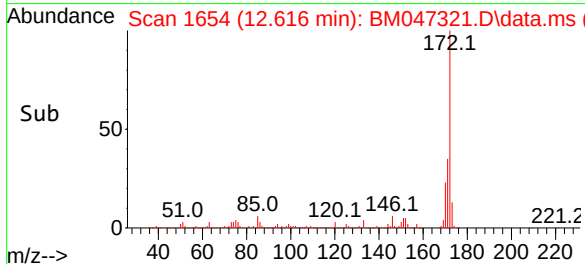
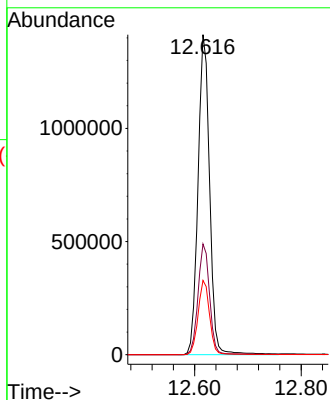
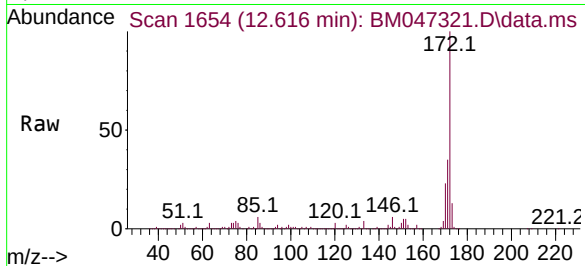




#45
2-Fluorobiphenyl
Concen: 46.217 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

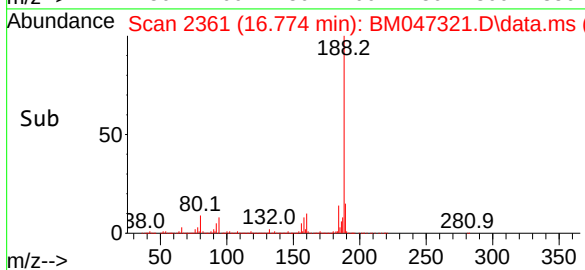
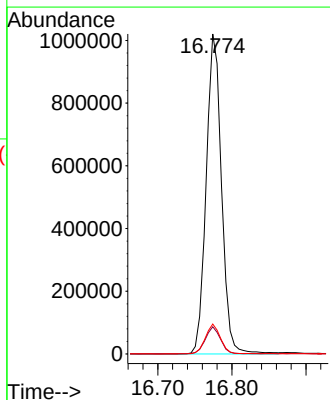
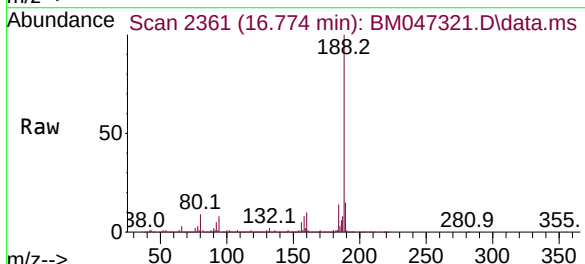
Instrument :
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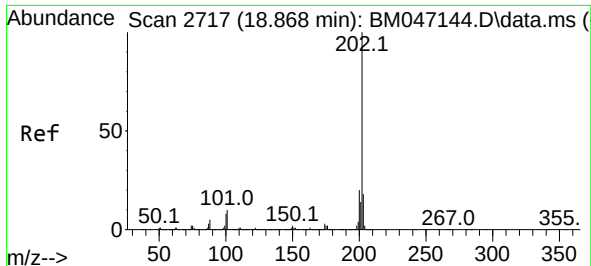
Tgt Ion:172 Resp: 2131203
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. -0.018 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion:188 Resp: 1465594
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.3 8.0 12.0

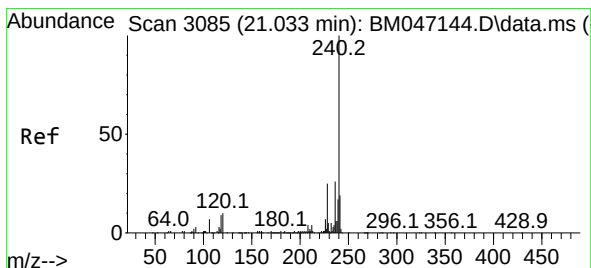
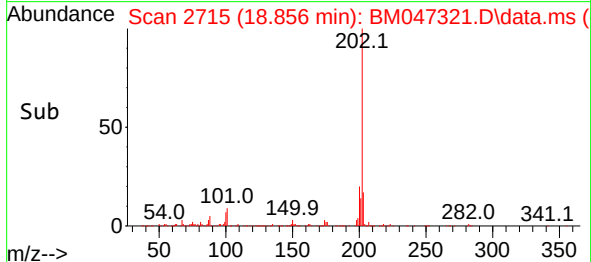
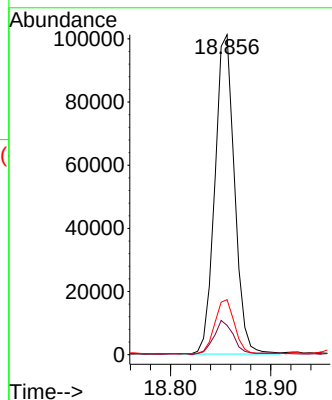
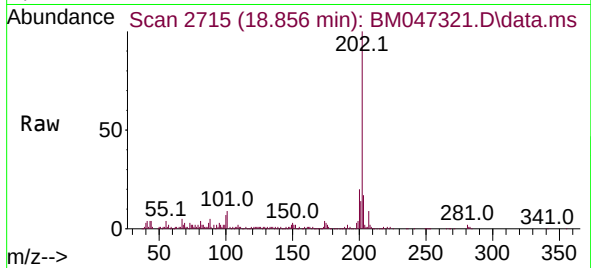




#75
Fluoranthene
Concen: 1.533 ng
RT: 18.856 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

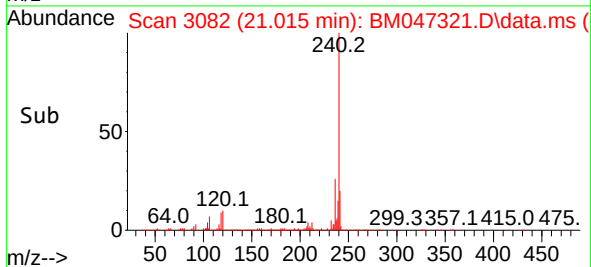
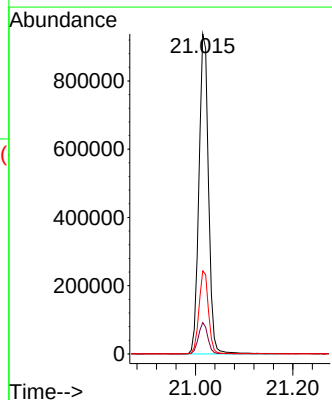
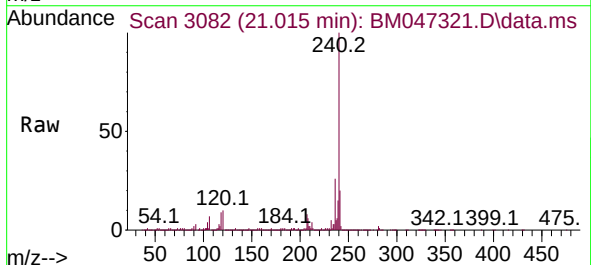
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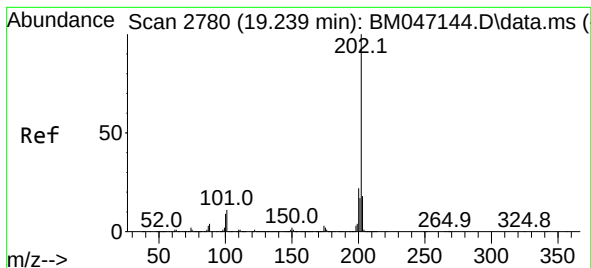
Tgt Ion:202 Resp: 137110
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.2
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047321.D
Acq: 22 Aug 2024 17:50

Tgt Ion:240 Resp: 1283781
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.9 20.6 30.8





#78

Pyrene

Concen: 1.349 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

S-911-K1-SO-0.5-1-081924

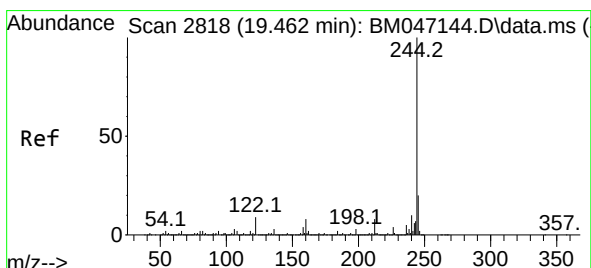
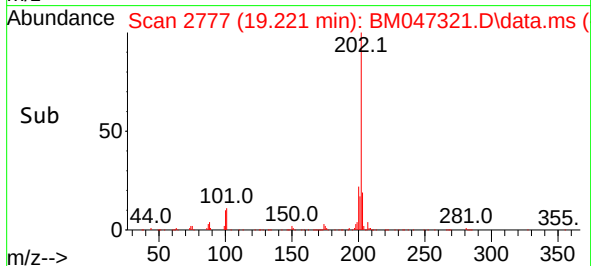
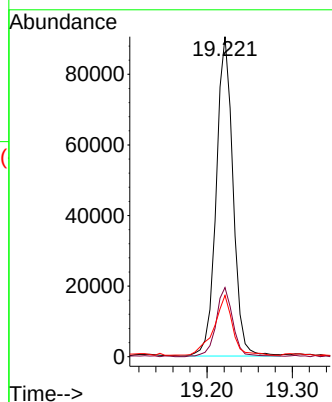
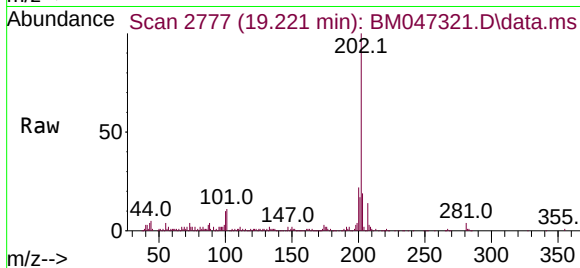
Tgt Ion:202 Resp: 123615

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 19.2 14.2 21.2



#79

Terphenyl-d14

Concen: 49.304 ng

RT: 19.445 min Scan# 2815

Delta R.T. -0.018 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

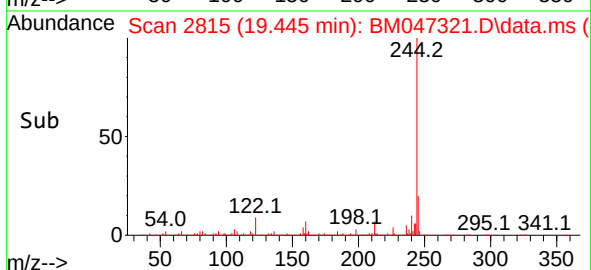
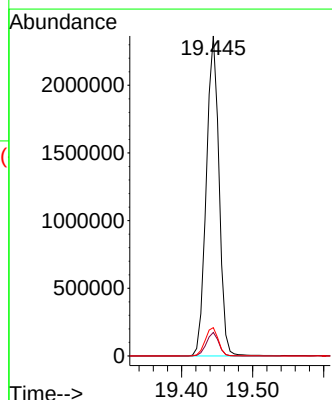
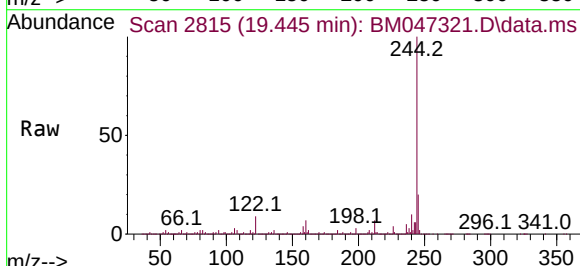
Tgt Ion:244 Resp: 2953944

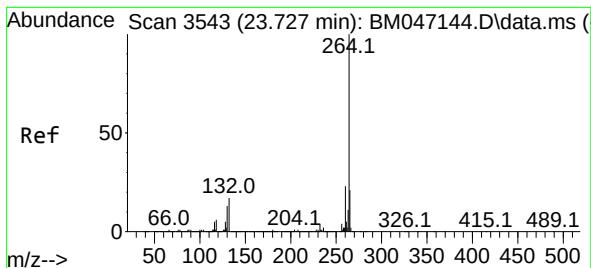
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 8.8 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

S-911-K1-SO-0.5-1-081924

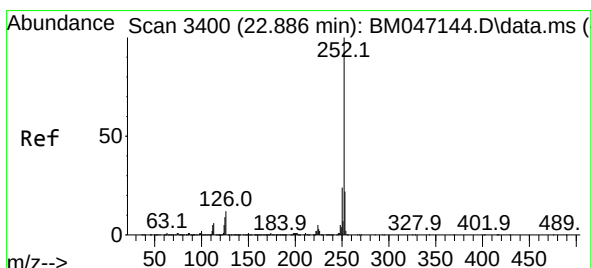
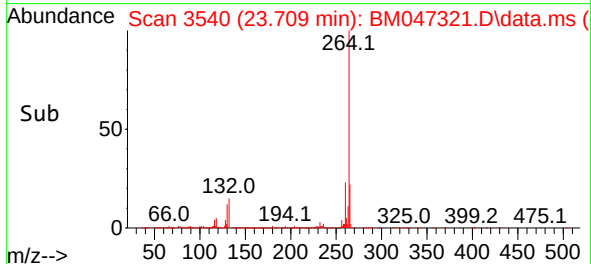
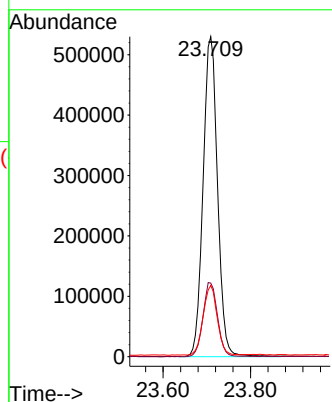
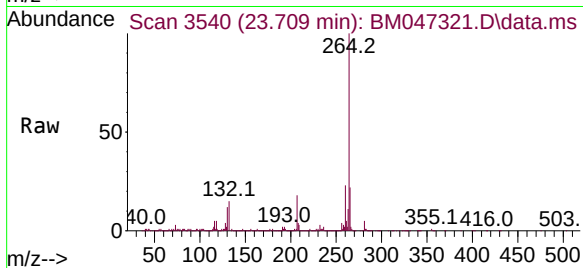
Tgt Ion:264 Resp: 1217788

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.3 17.3 25.9



#88

Benzo(b)fluoranthene

Concen: 1.278 ng

RT: 22.868 min Scan# 3397

Delta R.T. -0.018 min

Lab File: BM047321.D

Acq: 22 Aug 2024 17:50

Tgt Ion:252 Resp: 92431

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

125 11.3 7.4 11.0#

