

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049843.D
 Acq On : 07 Apr 2025 17:20
 Operator : RC/JU
 Sample : Q1738-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-040425

Quant Time: Apr 07 18:17:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

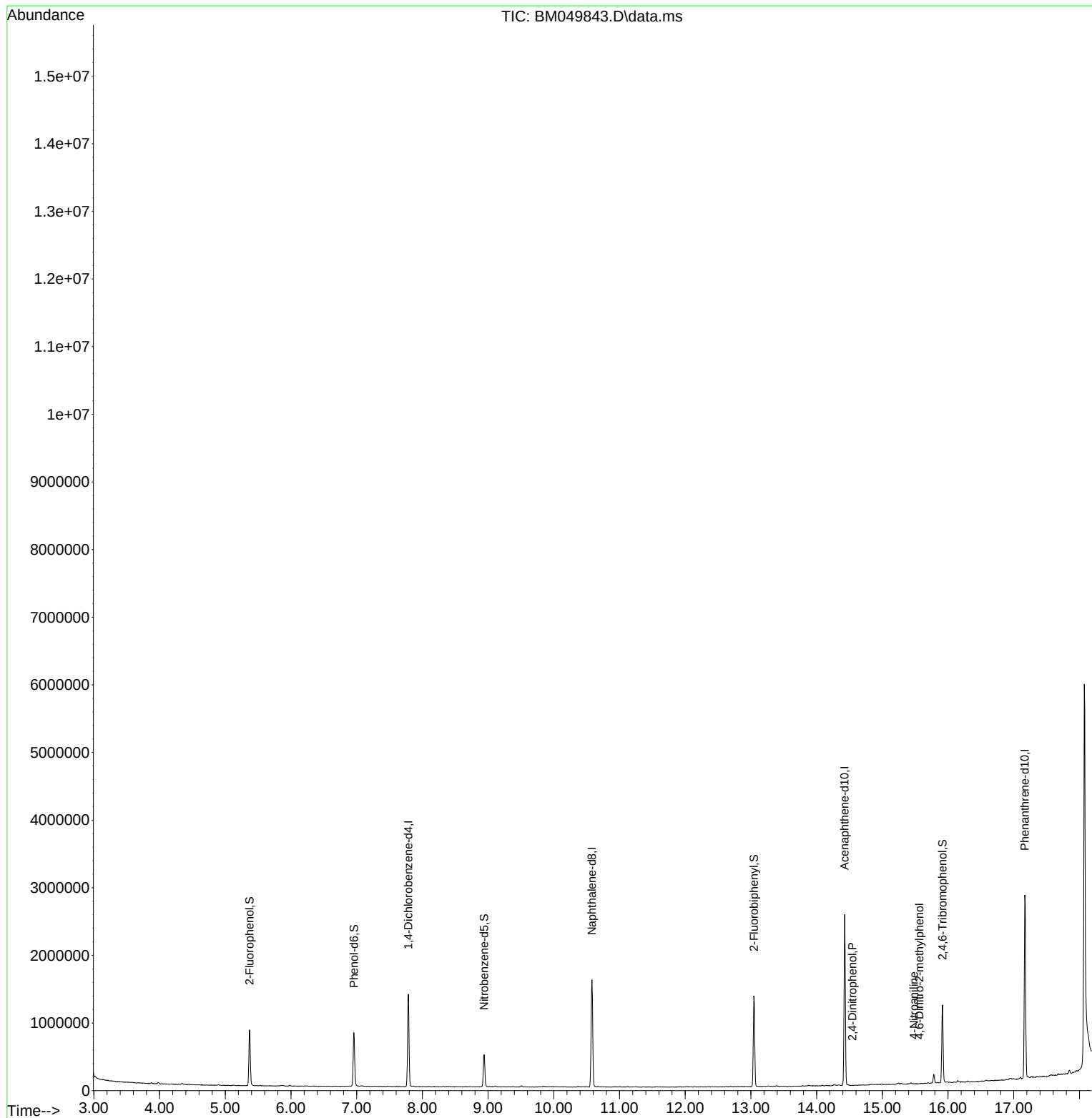
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	399258	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1368713	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	867607	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1679570	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1628695	20.000	ng	-0.02
86) Perylene-d12	24.415	264	1858657	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	394979	16.692	ng	-0.02
7) Phenol-d6	6.957	99	470727	15.852	ng	-0.02
23) Nitrobenzene-d5	8.940	82	275761	10.344	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	231509	22.851	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	727544	10.502	ng	-0.02
79) Terphenyl-d14	19.798	244	917089	9.489	ng	-0.01
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.545	184	178	3.222	ng	# 14
62) 4-Nitroaniline	15.480	138	377	3.783	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.563	198	87	3.025	ng	# 1

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

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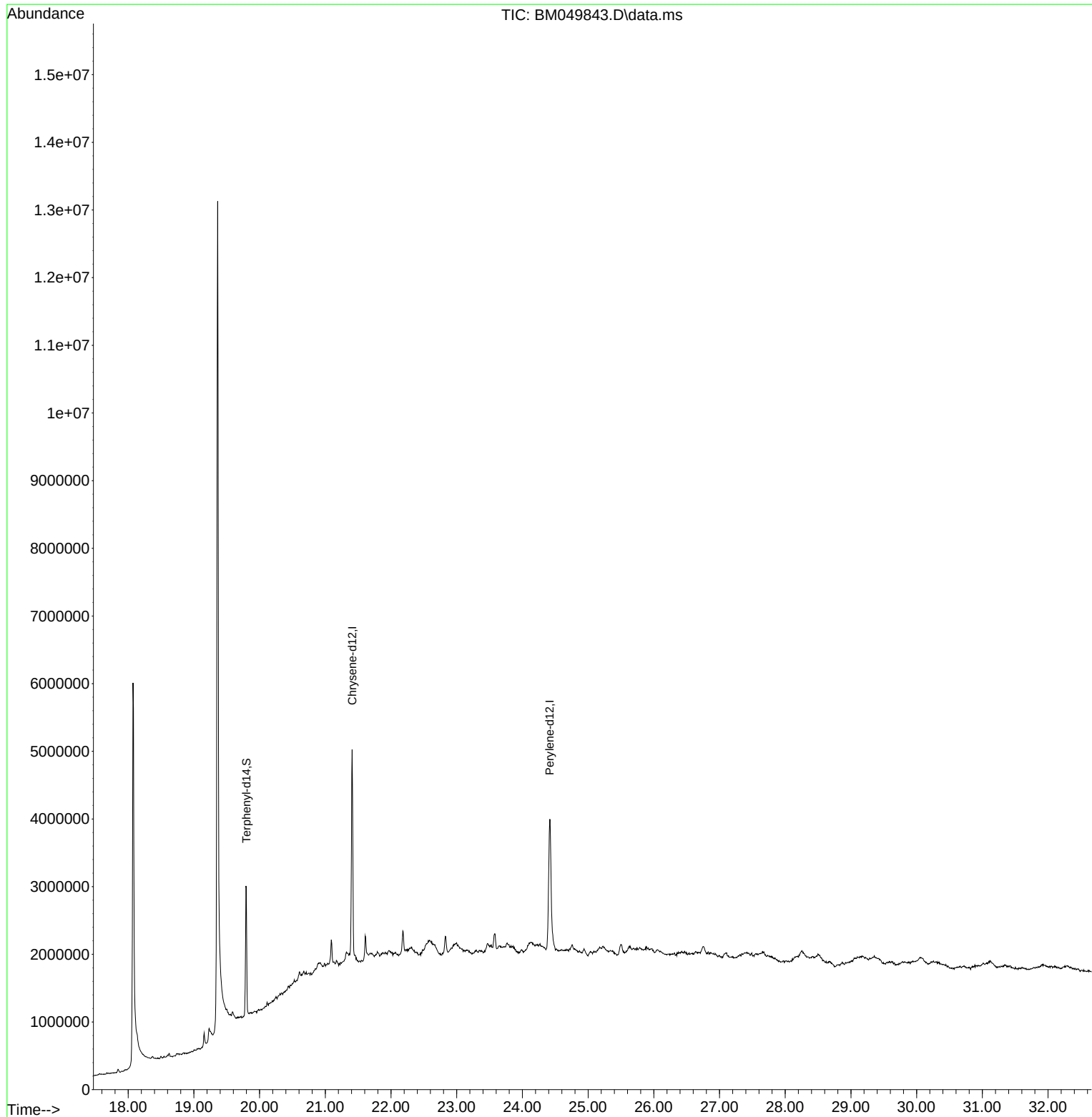
Quant Time: Apr 07 18:17:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

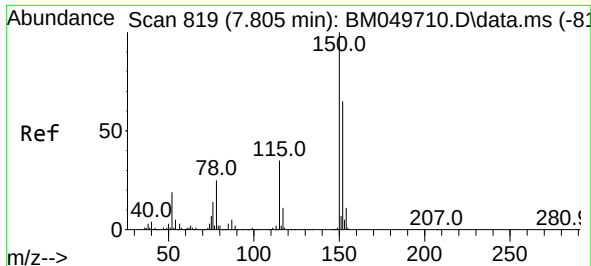


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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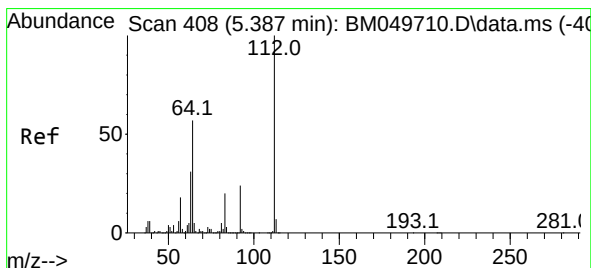
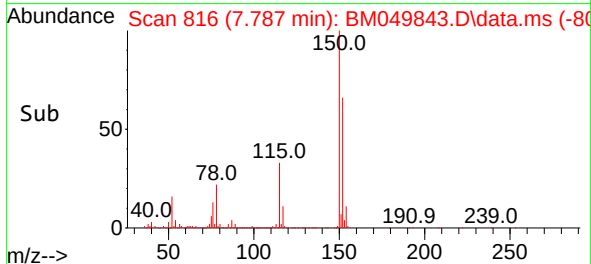
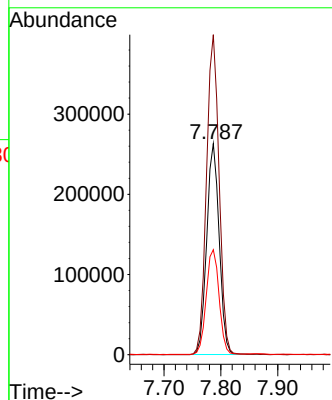
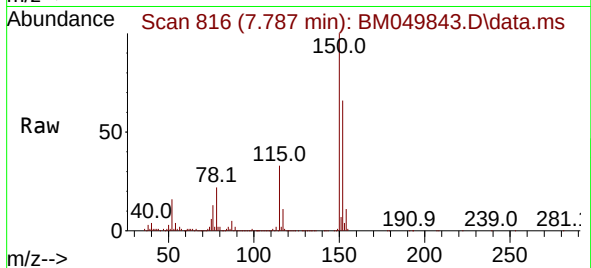




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

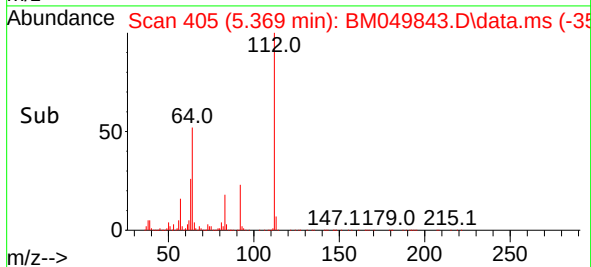
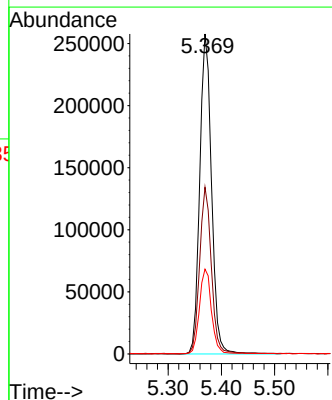
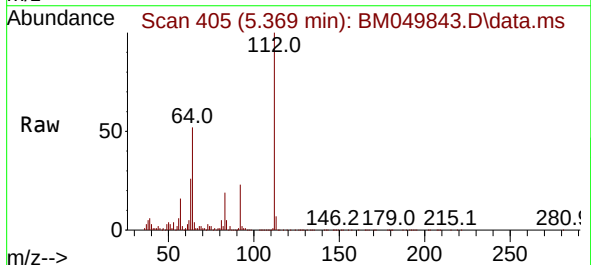
Instrument :
BNA_M
ClientSampleId :
OK-02-040425

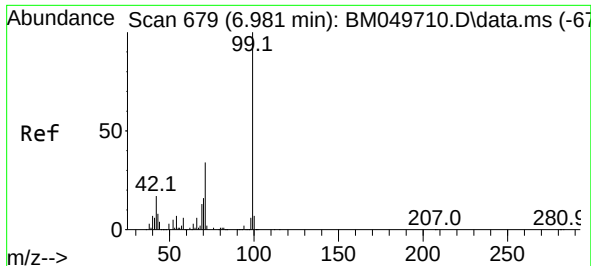
Tgt Ion:152 Resp: 399258
Ion Ratio Lower Upper
152 100
150 151.6 123.8 185.8
115 49.7 43.0 64.6



#5
2-Fluorophenol
Concen: 16.692 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:112 Resp: 394979
Ion Ratio Lower Upper
112 100
64 52.1 45.3 67.9
63 26.5 24.4 36.6





#7

Phenol-d6

Concen: 15.852 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.024 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

Instrument :

BNA_M

ClientSampleId :

OK-02-040425

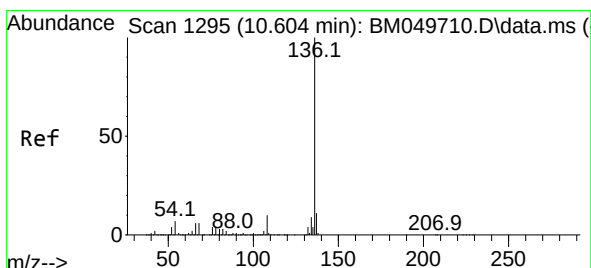
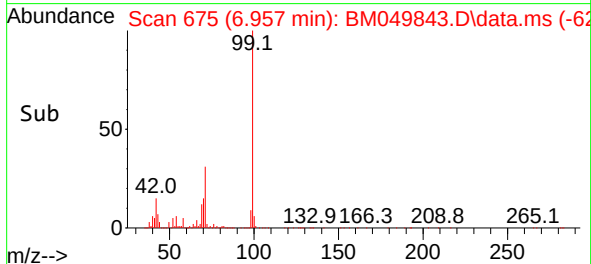
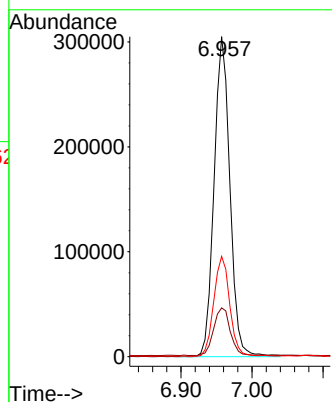
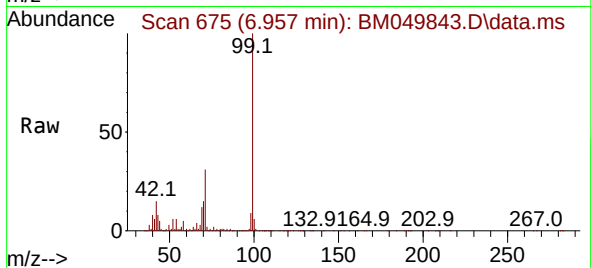
Tgt Ion: 99 Resp: 470727

Ion Ratio Lower Upper

99 100

42 15.3 13.6 20.4

71 31.3 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.581 min Scan# 1291

Delta R.T. -0.024 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

Tgt Ion: 136 Resp: 1368713

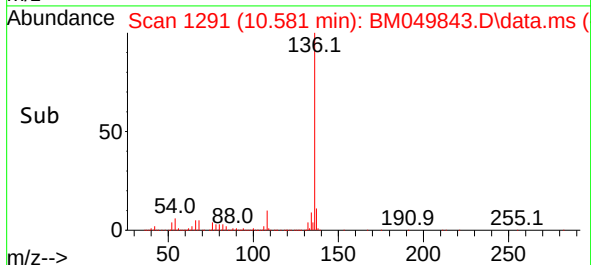
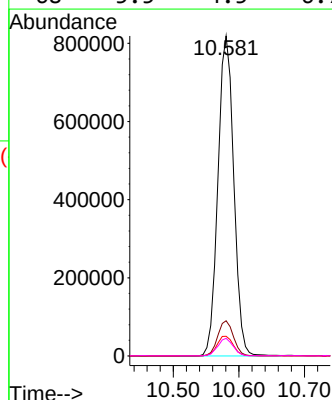
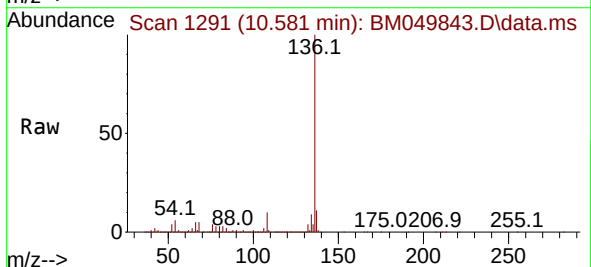
Ion Ratio Lower Upper

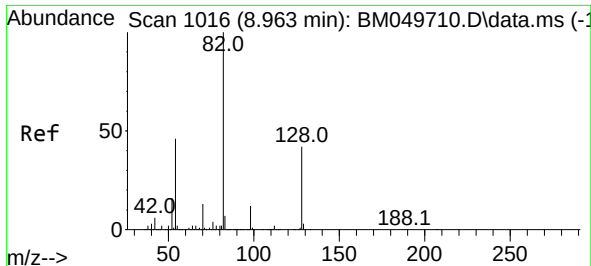
136 100

137 11.0 8.6 12.8

54 6.2 5.8 8.8

68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 10.344 ng

RT: 8.940 min Scan# 1016

Delta R.T. -0.024 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

Instrument :

BNA_M

ClientSampleId :

OK-02-040425

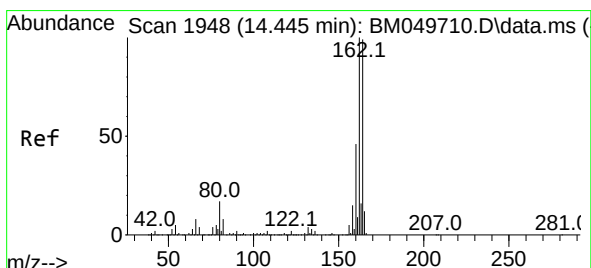
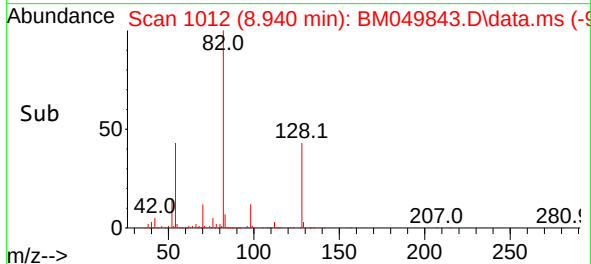
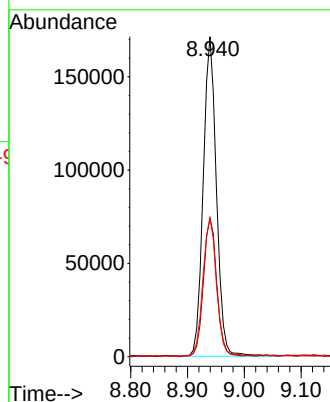
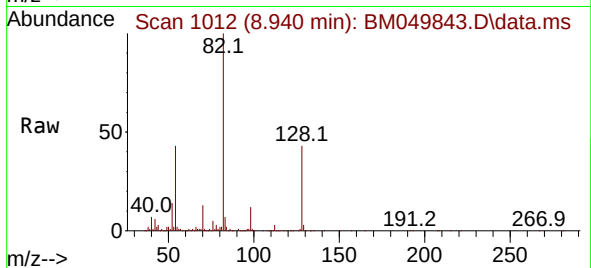
Tgt Ion: 82 Resp: 275761

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 43.3 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

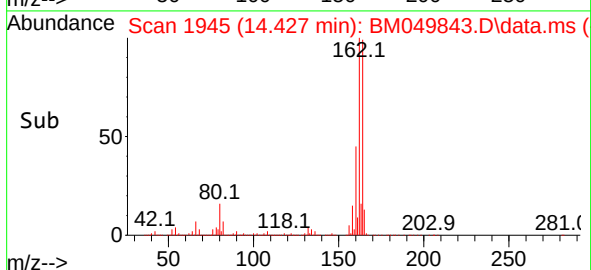
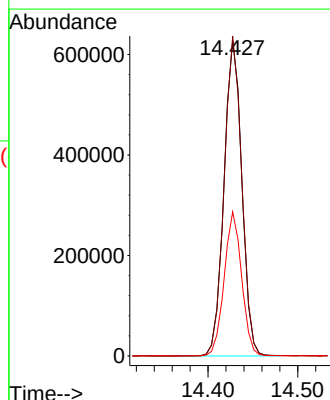
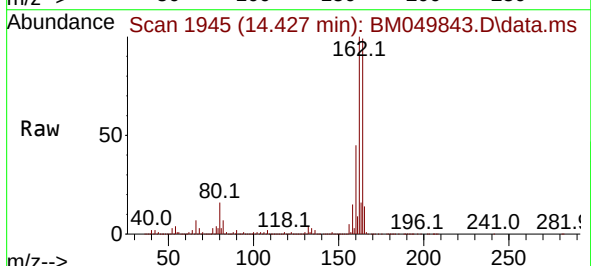
Tgt Ion:164 Resp: 867607

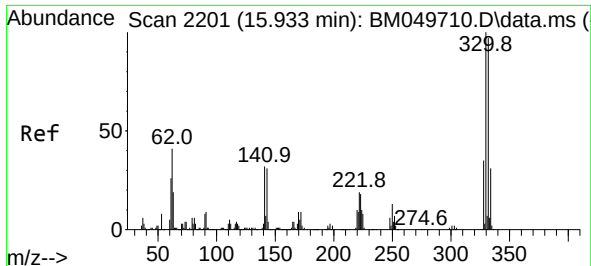
Ion Ratio Lower Upper

164 100

162 101.5 80.5 120.7

160 45.8 36.9 55.3

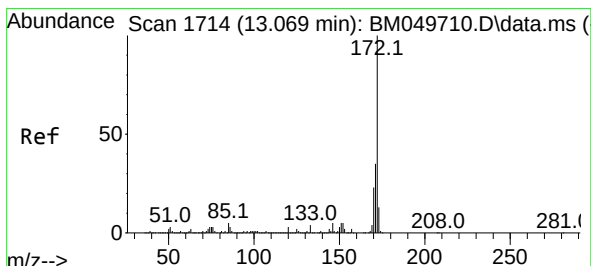
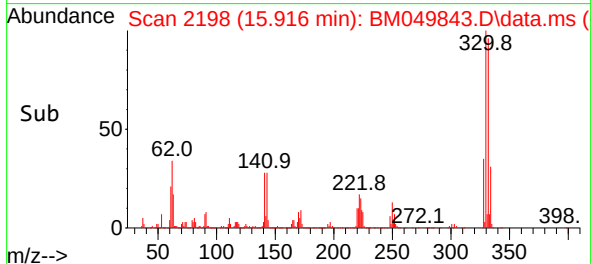
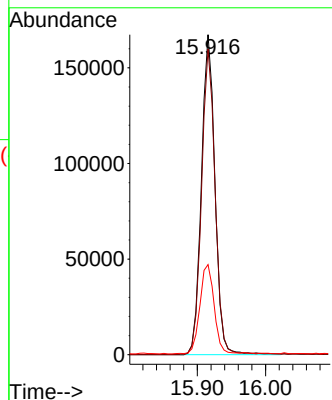
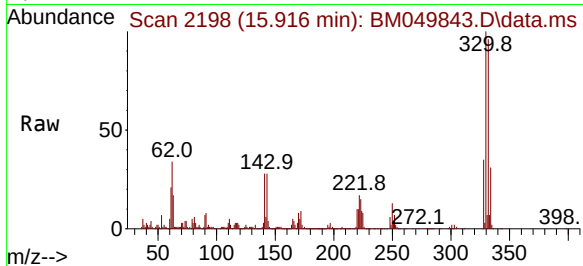




#42
2,4,6-Tribromophenol
Concen: 22.851 ng
RT: 15.916 min Scan# 211
Delta R.T. -0.017 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

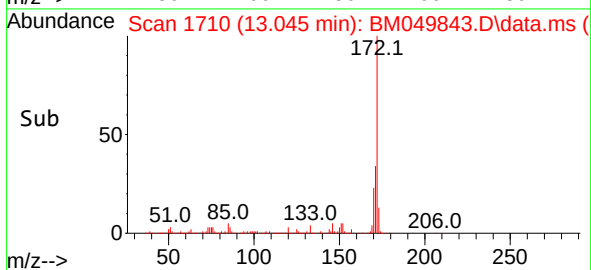
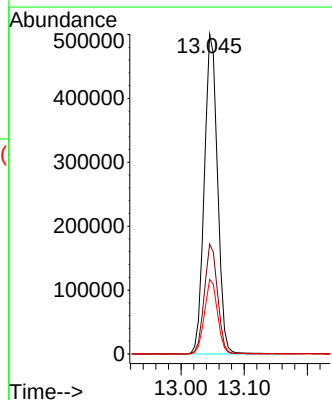
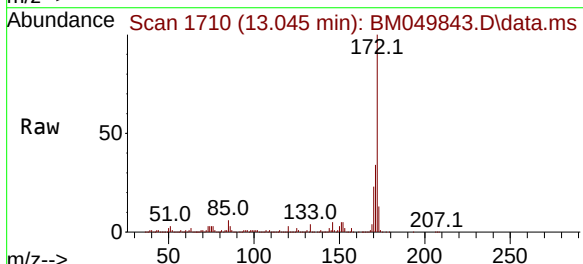
Instrument :
BNA_M
ClientSampleId :
OK-02-040425

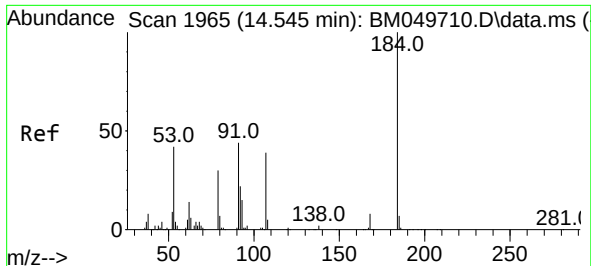
Tgt Ion:330 Resp: 231509
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 29.6 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 10.502 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:172 Resp: 727544
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.3 18.6 28.0

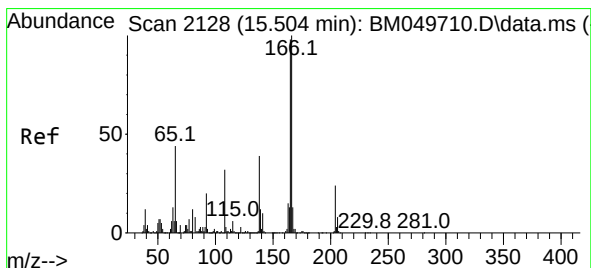
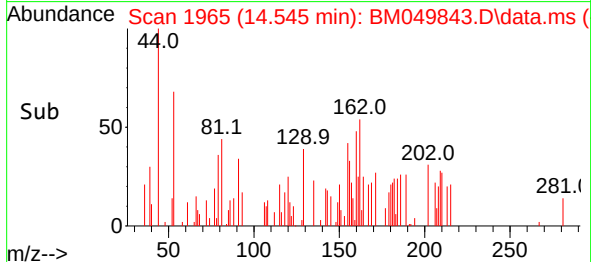
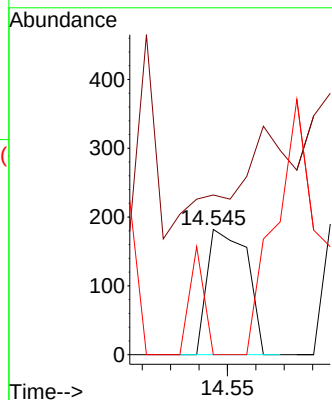
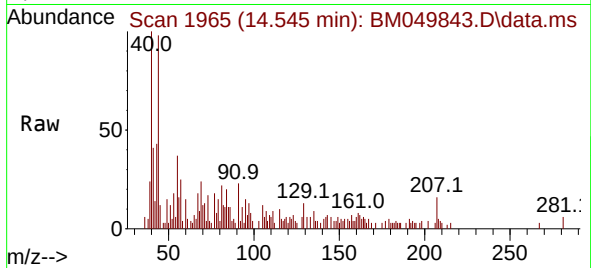




#54
2,4-Dinitrophenol
Concen: 3.222 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

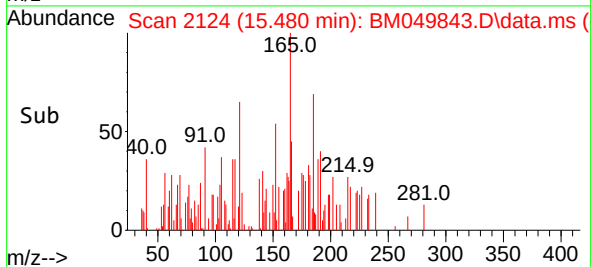
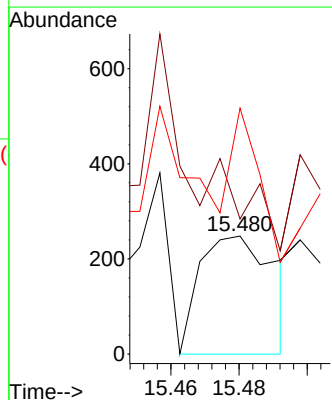
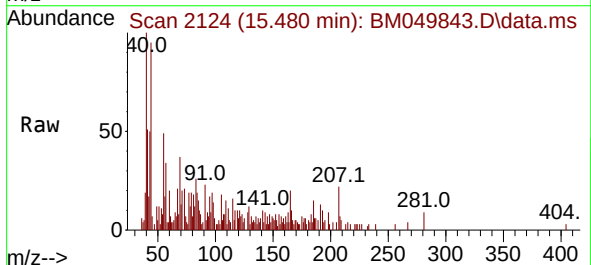
Instrument :
BNA_M
ClientSampleId :
OK-02-040425

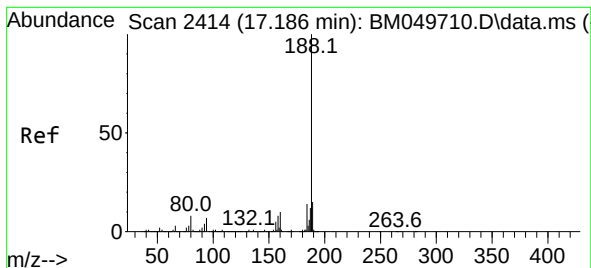
Tgt Ion:184 Resp: 178
Ion Ratio Lower Upper
184 100
63 127.5 47.2 70.8#
154 0.0 49.9 74.9#



#62
4-Nitroaniline
Concen: 3.783 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:138 Resp: 377
Ion Ratio Lower Upper
138 100
92 114.5 29.8 69.8#
108 208.5 61.3 101.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2414

Delta R.T. -0.018 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

Instrument :

BNA_M

ClientSampleId :

OK-02-040425

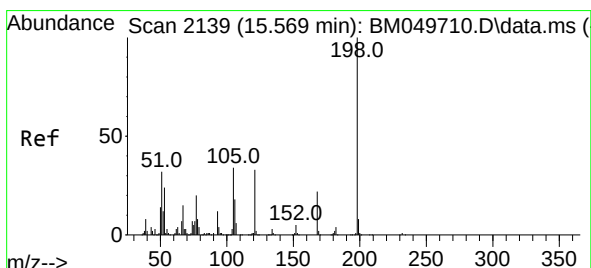
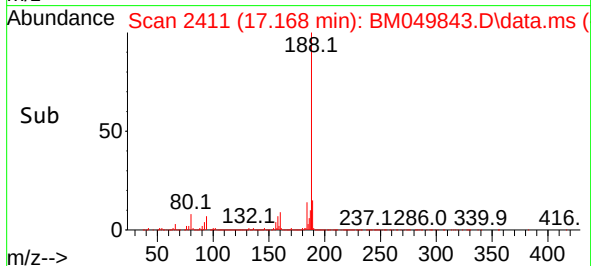
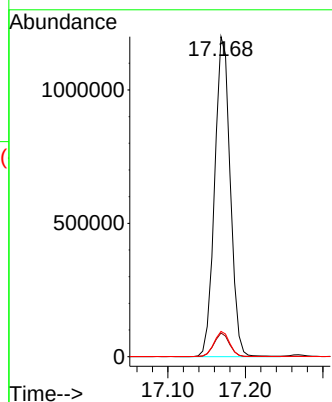
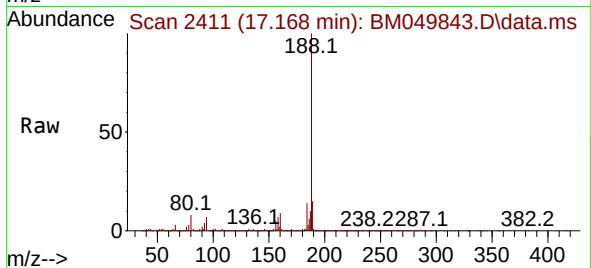
Tgt Ion:188 Resp: 1679570

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 7.9 6.3 9.5



#65

4,6-Dinitro-2-methylphenol

Concen: 3.025 ng

RT: 15.563 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

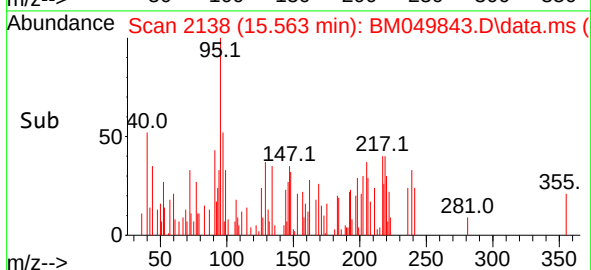
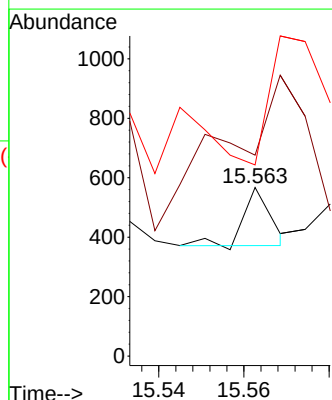
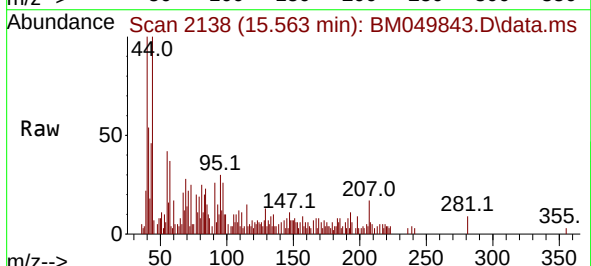
Tgt Ion:198 Resp: 87

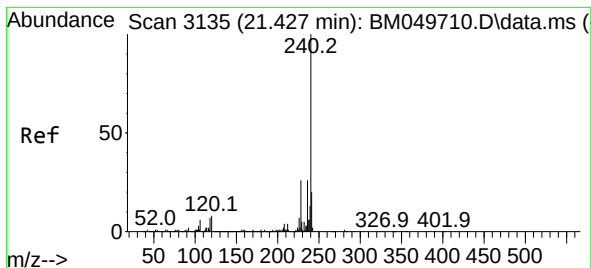
Ion Ratio Lower Upper

198 100

51 119.2 13.8 53.8#

105 113.4 14.0 54.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

Instrument :

BNA_M

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OK-02-040425

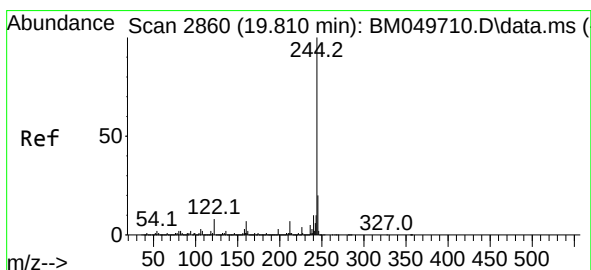
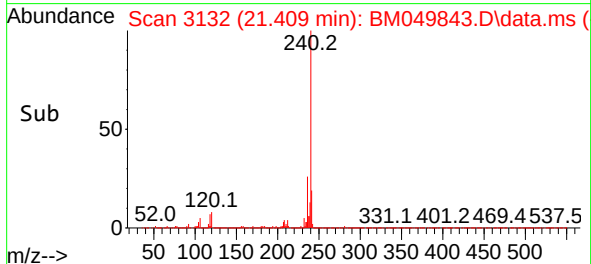
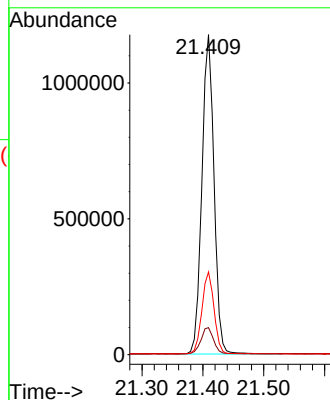
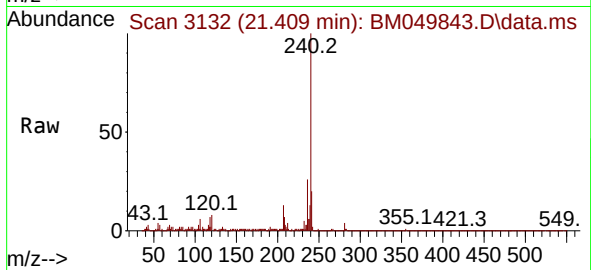
Tgt Ion:240 Resp: 1628695

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 9.489 ng

RT: 19.798 min Scan# 2858

Delta R.T. -0.012 min

Lab File: BM049843.D

Acq: 07 Apr 2025 17:20

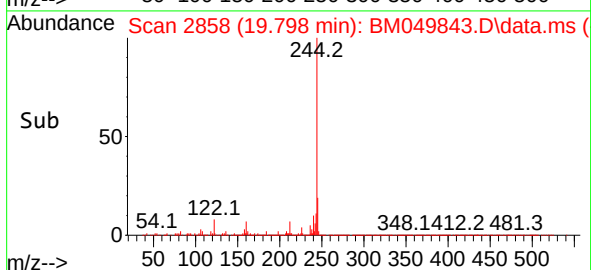
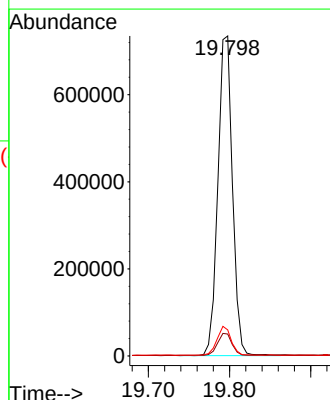
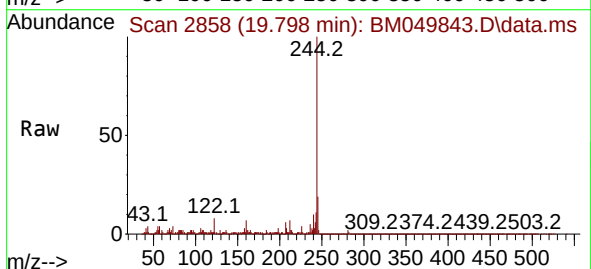
Tgt Ion:244 Resp: 917089

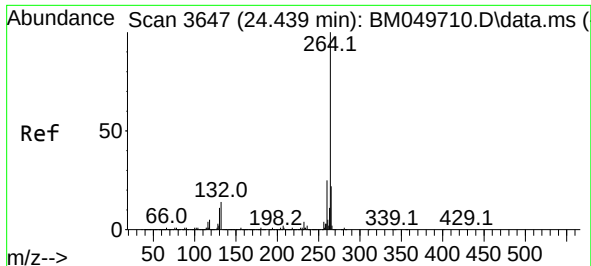
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 8.1 6.0 9.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.415 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BM049843.D
 Acq: 07 Apr 2025 17:20

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-040425

Tgt Ion:264 Resp: 1858657
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 23.1 18.2 27.2

