

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
 Data File : BM049940.D
 Acq On : 15 Apr 2025 18:32
 Operator : RC/JU
 Sample : Q1785-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-03-041125

Quant Time: Apr 16 01:00:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

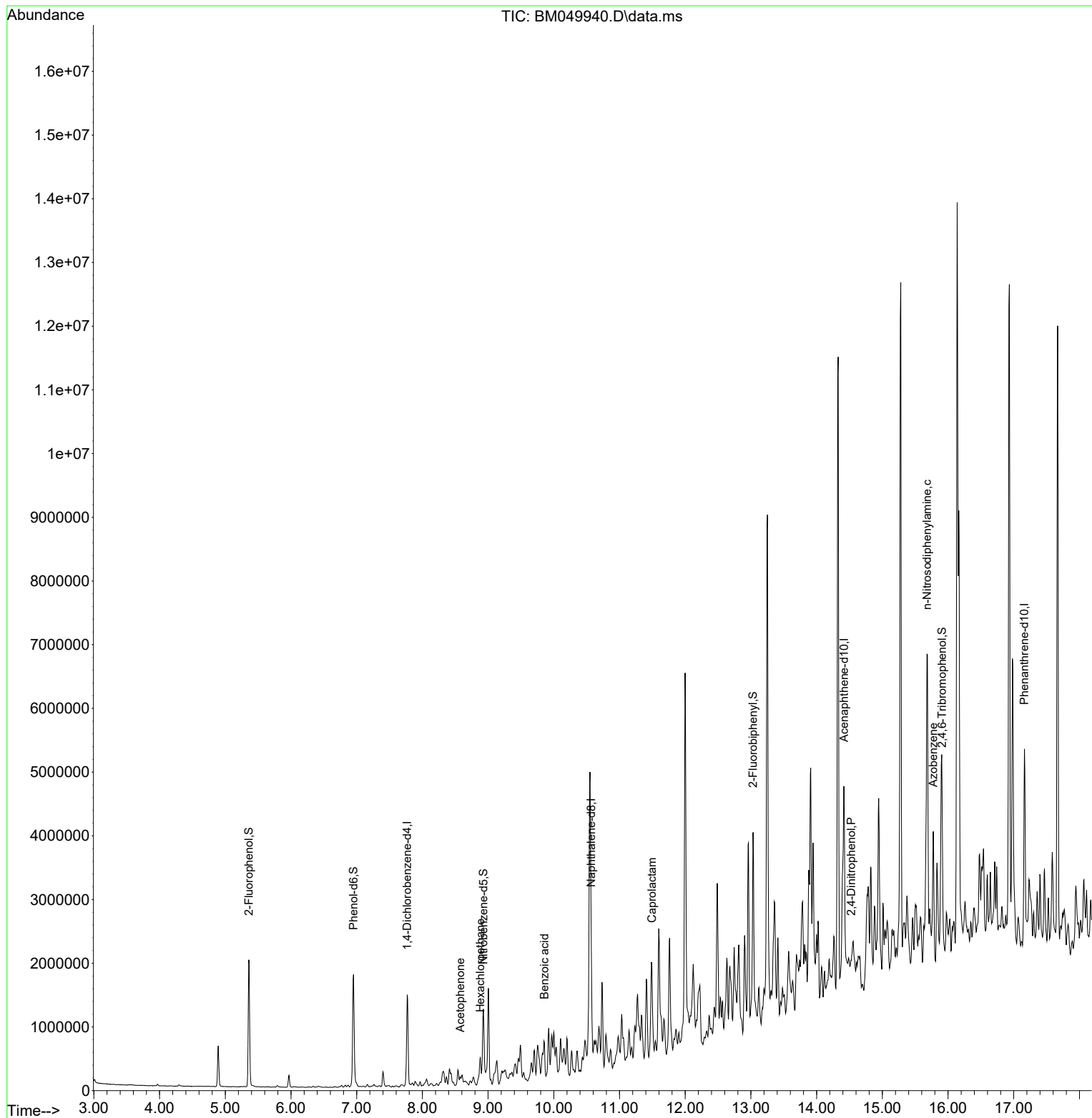
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	418550	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	1392766	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	847863	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1653639	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1620557	20.000	ng	0.00
86) Perylene-d12	24.409	264	1767504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	938336	38.069	ng	0.00
7) Phenol-d6	6.951	99	1115162	36.363	ng	0.00
23) Nitrobenzene-d5	8.928	82	657779	26.299	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	503929	40.862	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	1679735	26.864	ng	-0.01
79) Terphenyl-d14	19.786	244	2387470	27.609	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.881	117	30261	2.895	ng	# 1
22) Acetophenone	8.575	105	70253	2.076	ng	# 61
32) Benzoic acid	9.857	122	536	8.563	ng	# 1
35) Caprolactam	11.492	113	17114	2.481	ng	# 1
54) 2,4-Dinitrophenol	14.527	184	421	7.267	ng	# 1
63) Azobenzene	15.774	77	209328	4.262	ng	# 1
66) n-Nitrosodiphenylamine	15.680	169	144861	2.927	ng	# 54

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

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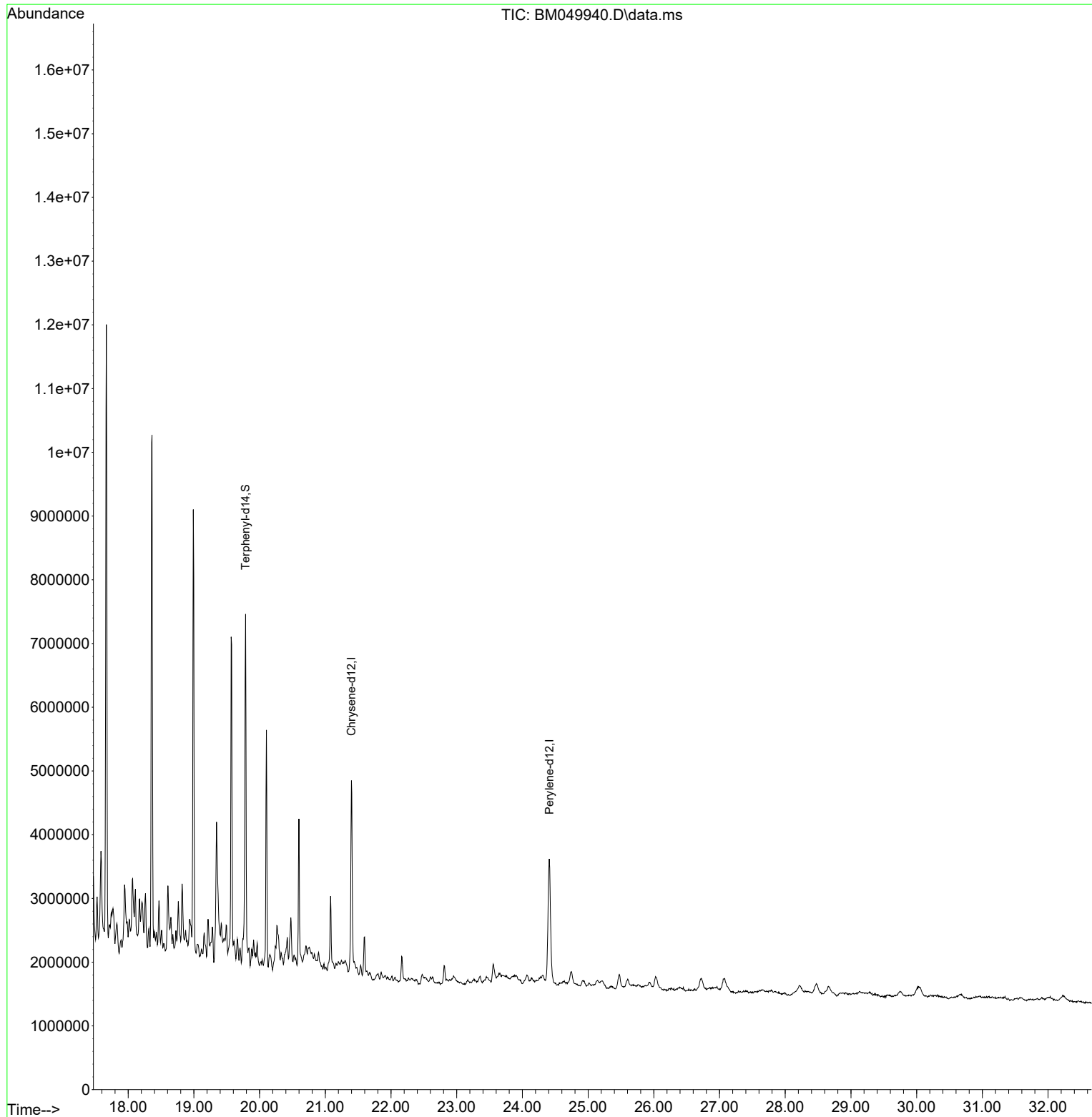
Quant Time: Apr 16 01:00:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

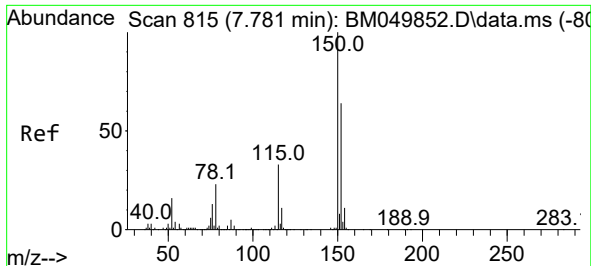


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
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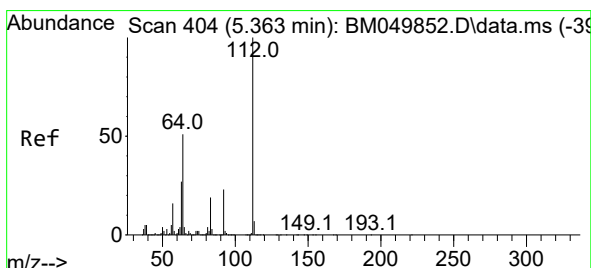
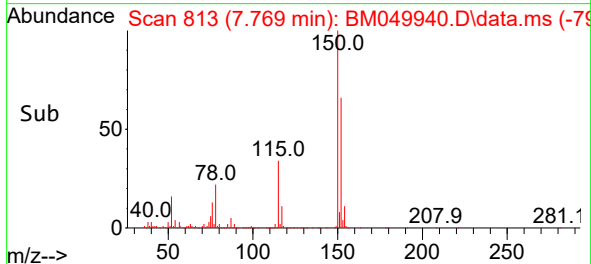
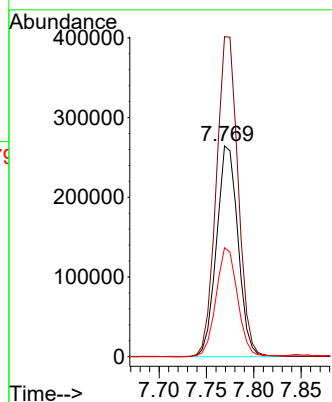
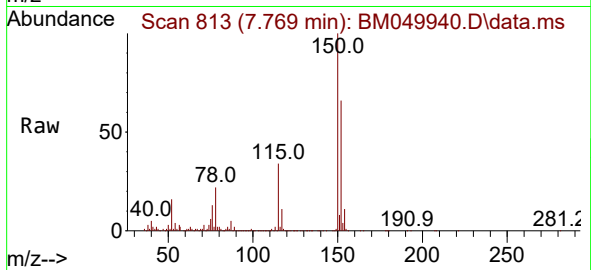




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

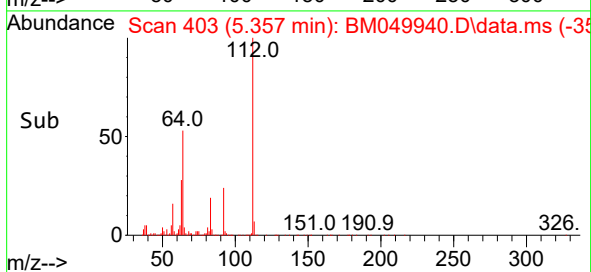
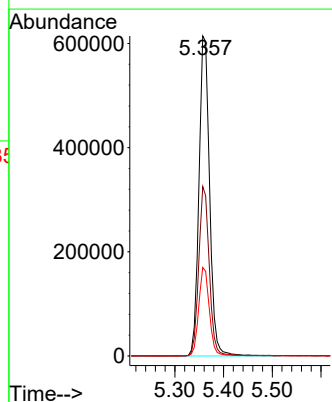
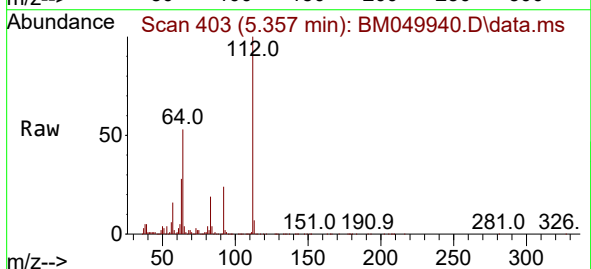
Instrument :
BNA_M
ClientSampleId :
HR-03-041125

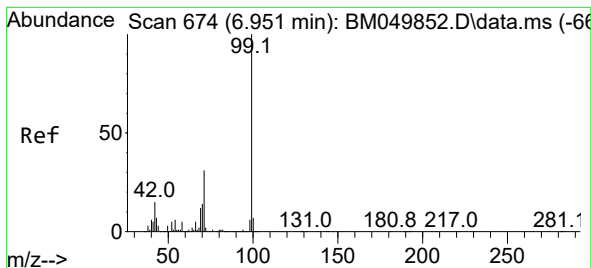
Tgt Ion:152 Resp: 418550
Ion Ratio Lower Upper
152 100
150 151.9 124.3 186.5
115 51.7 41.1 61.7



#5
2-Fluorophenol
Concen: 38.069 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

Tgt Ion:112 Resp: 938336
Ion Ratio Lower Upper
112 100
64 52.9 41.0 61.6
63 27.7 21.5 32.3





#7

Phenol-d6

Concen: 36.363 ng

RT: 6.951 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

Instrument :

BNA_M

ClientSampleId :

HR-03-041125

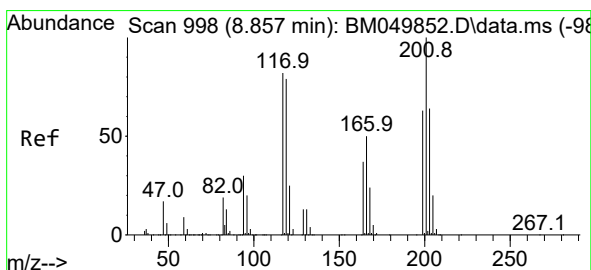
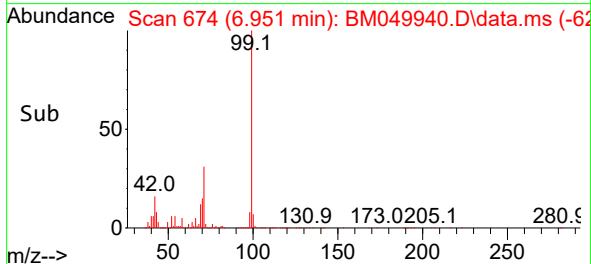
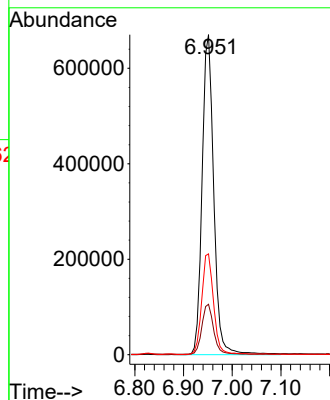
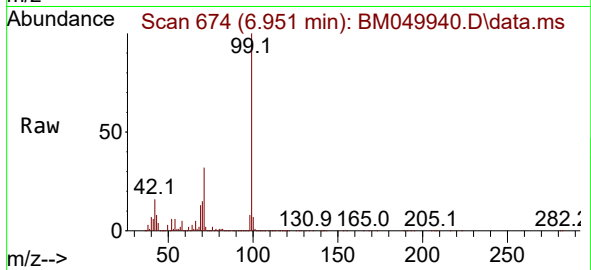
Tgt Ion: 99 Resp: 1115162

Ion Ratio Lower Upper

99 100

42 15.7 12.1 18.1

71 31.5 24.9 37.3



#18

Hexachloroethane

Concen: 2.895 ng

RT: 8.881 min Scan# 1002

Delta R.T. 0.024 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

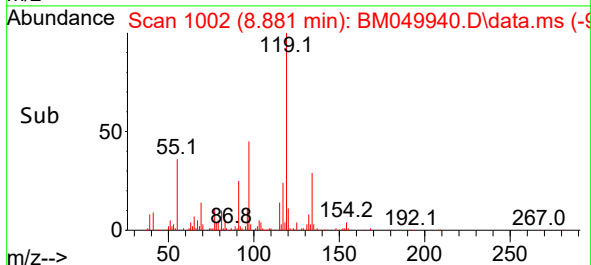
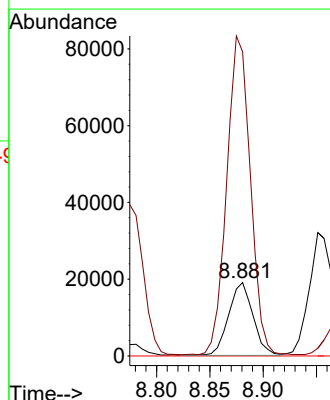
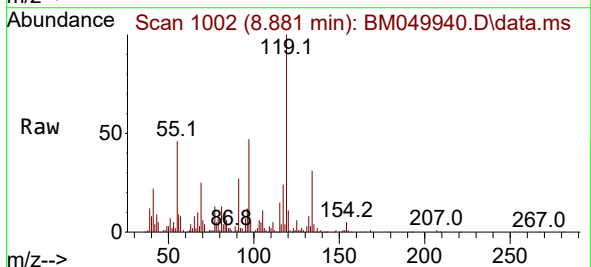
Tgt Ion: 117 Resp: 30261

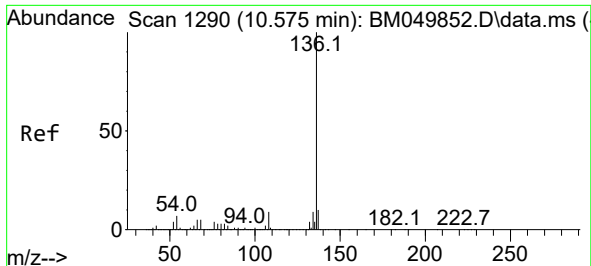
Ion Ratio Lower Upper

117 100

119 413.8 77.5 116.3#

201 0.0 97.7 146.5#

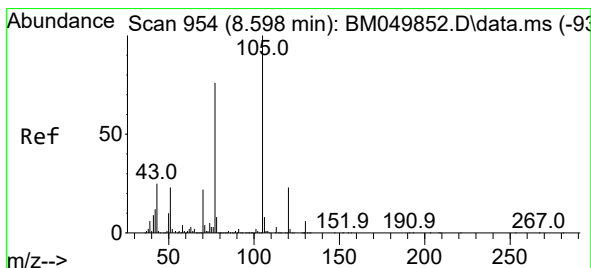
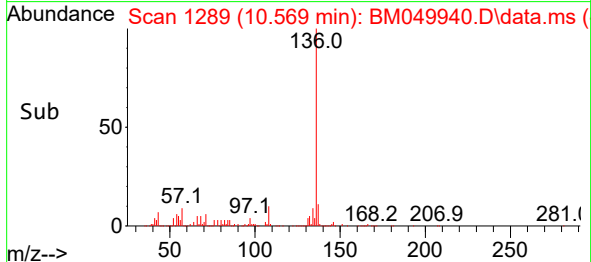
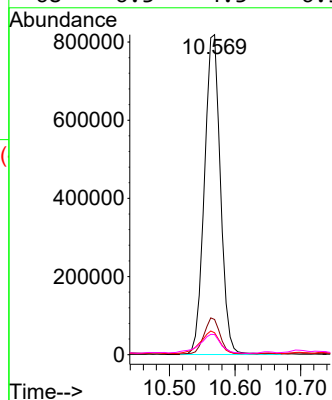
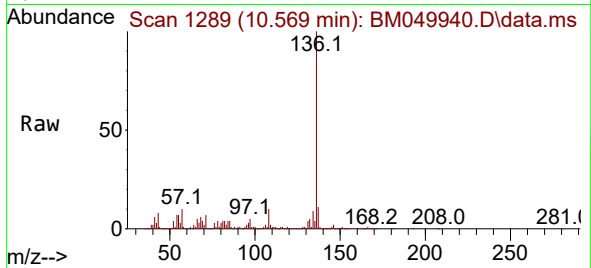




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

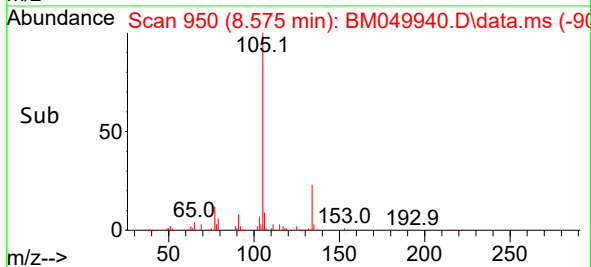
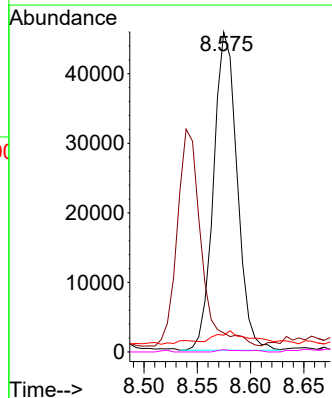
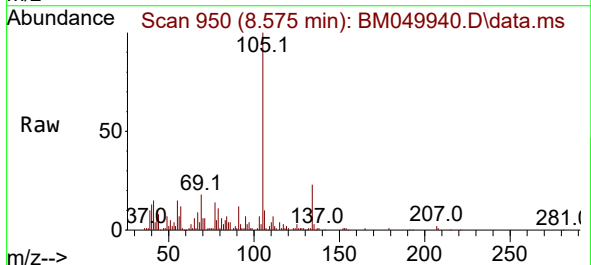
Instrument :
BNA_M
ClientSampleId :
HR-03-041125

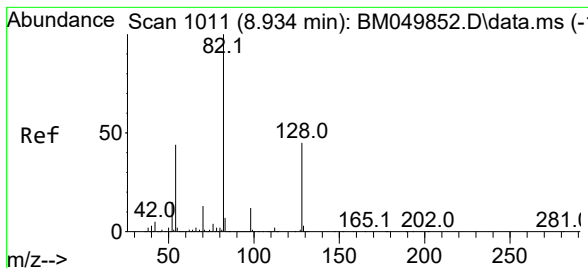
Tgt Ion:136 Resp: 1392766
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 5.3 7.9
68 6.3 4.3 6.5



#22
Acetophenone
Concen: 2.076 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.023 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

Tgt Ion:105 Resp: 70253
Ion Ratio Lower Upper
105 100
71 6.0 3.0 4.4#
51 5.2 18.6 27.8#
120 0.7 18.5 27.7#

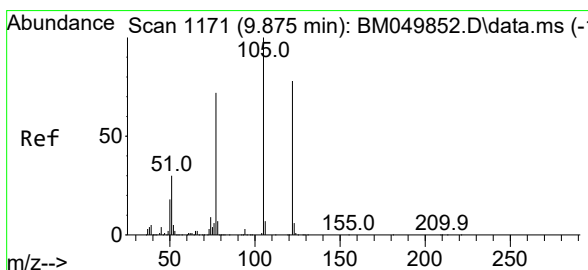
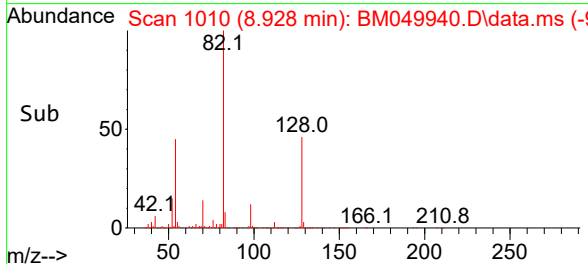
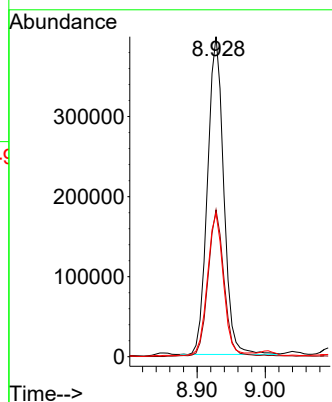
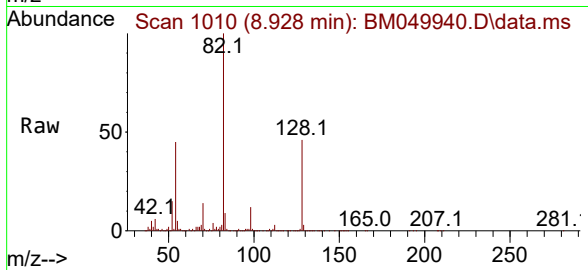




#23
Nitrobenzene-d5
Concen: 26.299 ng
RT: 8.928 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

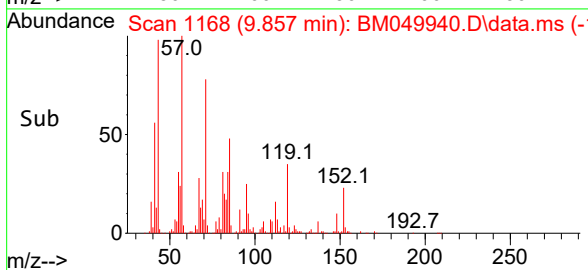
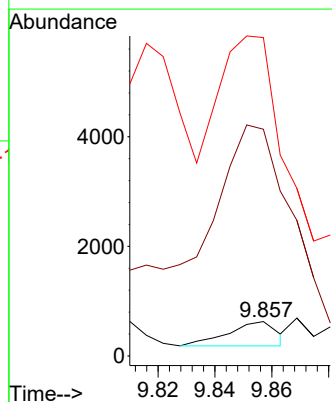
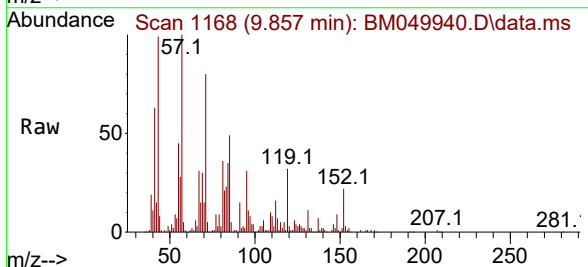
Instrument :
BNA_M
ClientSampleId :
HR-03-041125

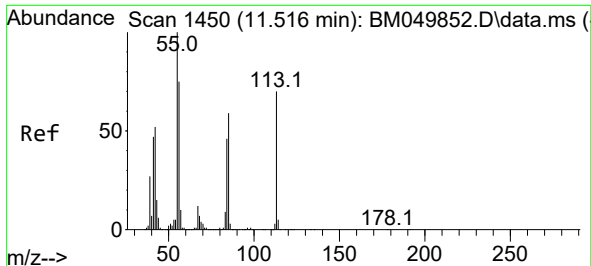
Tgt Ion: 82 Resp: 657779
Ion Ratio Lower Upper
82 100
128 45.9 36.2 54.2
54 44.8 35.0 52.6



#32
Benzoic acid
Concen: 8.563 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.018 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

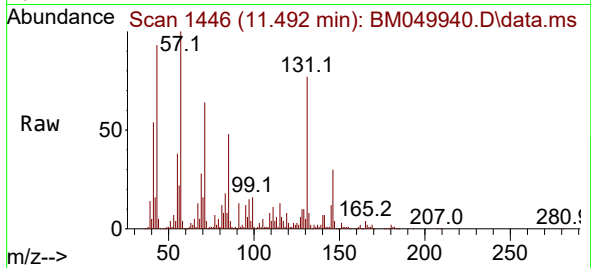
Tgt Ion:122 Resp: 536
Ion Ratio Lower Upper
122 100
105 657.7 103.8 143.8#
77 923.8 70.7 110.7#



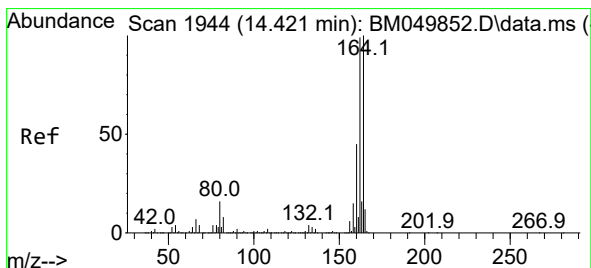
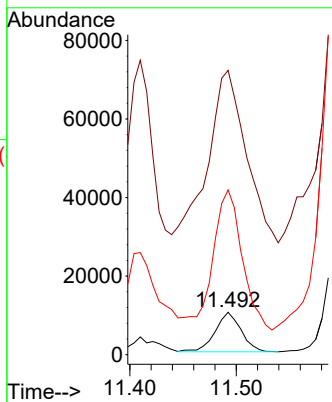
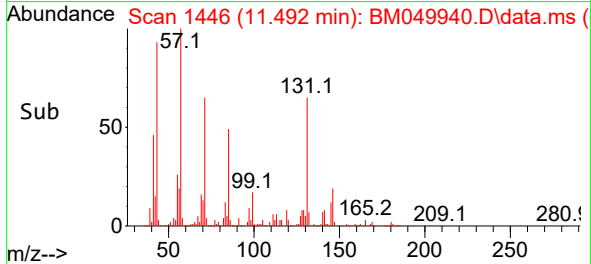


#35
Caprolactam
Concen: 2.481 ng
RT: 11.492 min Scan# 1446
Delta R.T. -0.023 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

Instrument :
BNA_M
ClientSampleId :
HR-03-041125

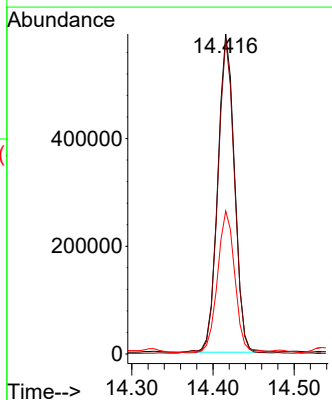
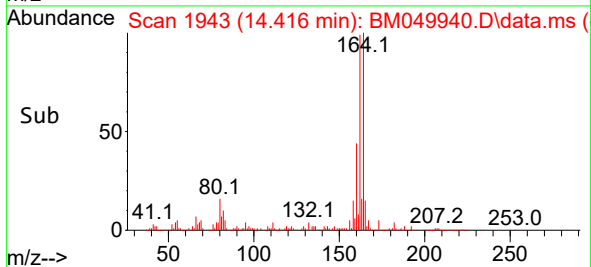
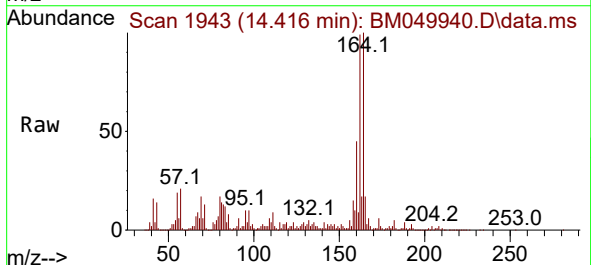


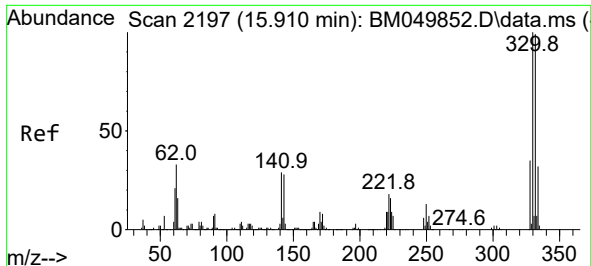
Tgt Ion:113 Resp: 17114
Ion Ratio Lower Upper
113 100
55 670.2 124.3 164.3#
56 388.4 87.5 127.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

Tgt Ion:164 Resp: 847863
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 44.7 36.2 54.2

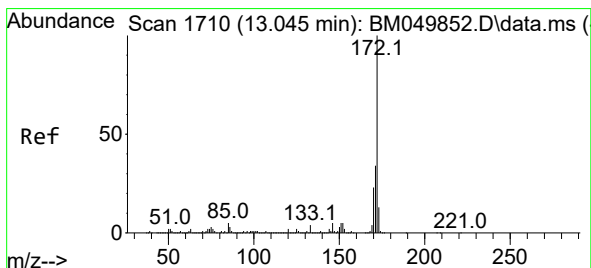
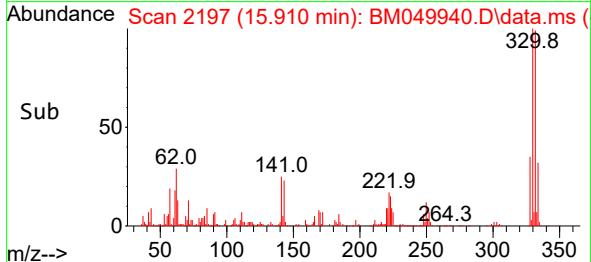
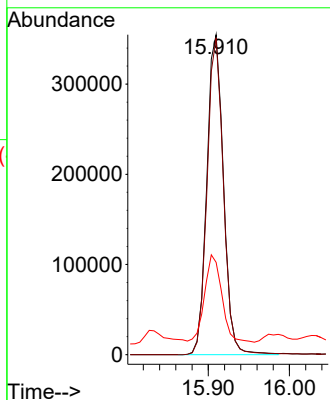
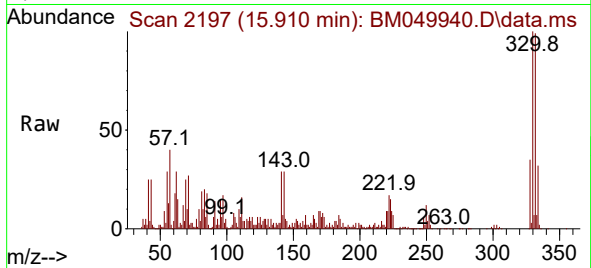




#42
2,4,6-Tribromophenol
Concen: 40.862 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

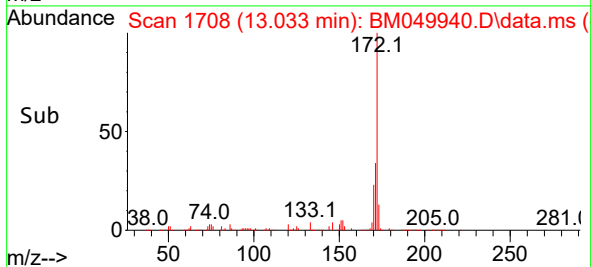
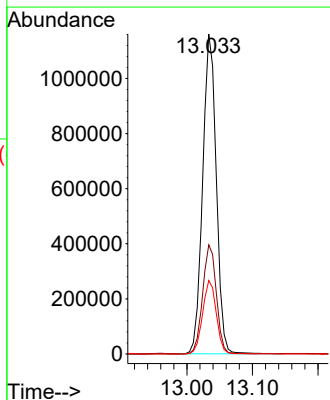
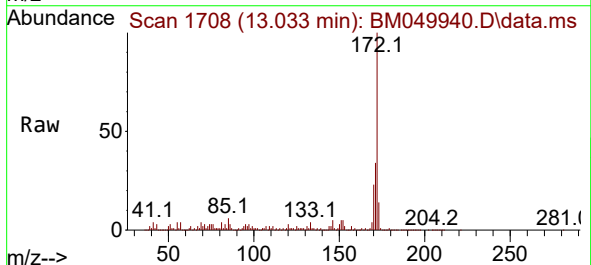
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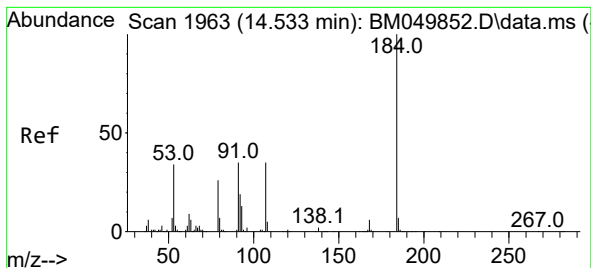
Tgt Ion:330 Resp: 503929
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 28.1 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 26.864 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049940.D
Acq: 15 Apr 2025 18:32

Tgt Ion:172 Resp: 1679735
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.2
170 22.9 18.6 28.0





#54

2,4-Dinitrophenol

Concen: 7.267 ng

RT: 14.527 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

Instrument :

BNA_M

ClientSampleId :

HR-03-041125

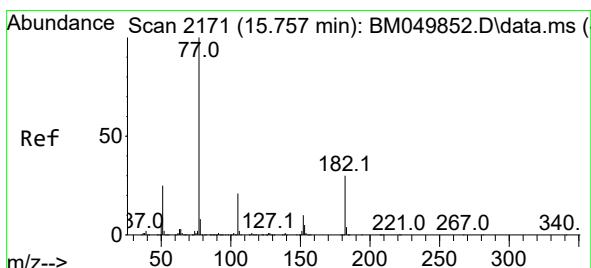
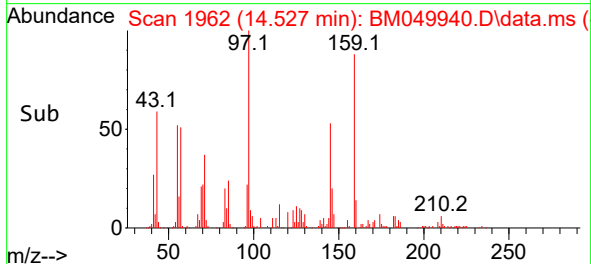
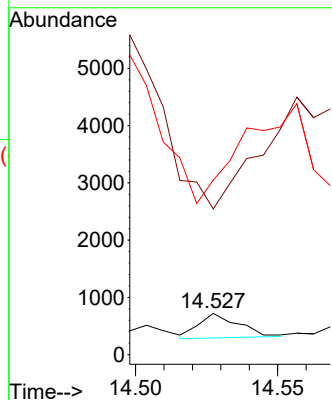
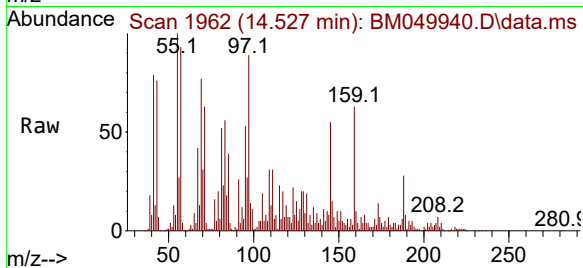
Tgt Ion:184 Resp: 421

Ion Ratio Lower Upper

184 100

63 352.5 38.4 57.6#

154 422.2 48.1 72.1#



#63

Azobenzene

Concen: 4.262 ng

RT: 15.774 min Scan# 2174

Delta R.T. 0.018 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

Tgt Ion: 77 Resp: 209328

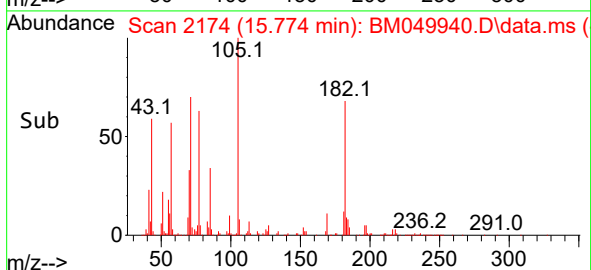
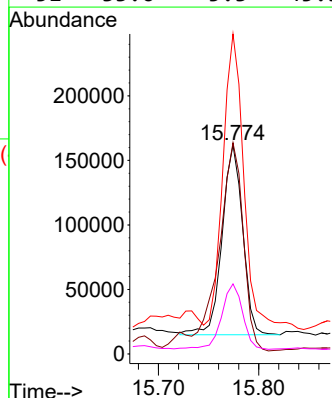
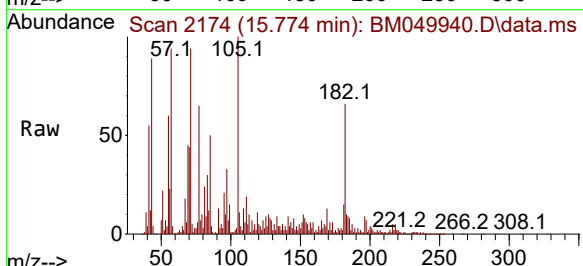
Ion Ratio Lower Upper

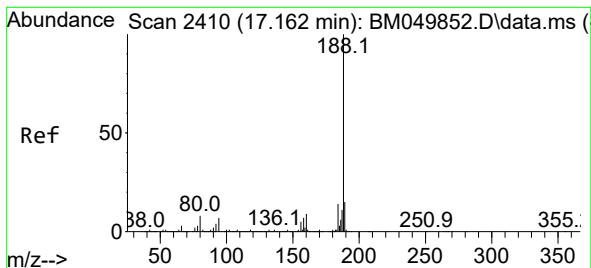
77 100

182 101.0 10.4 50.4#

105 153.1 1.5 41.5#

51 33.6 5.3 45.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

Instrument :

BNA_M

ClientSampleId :

HR-03-041125

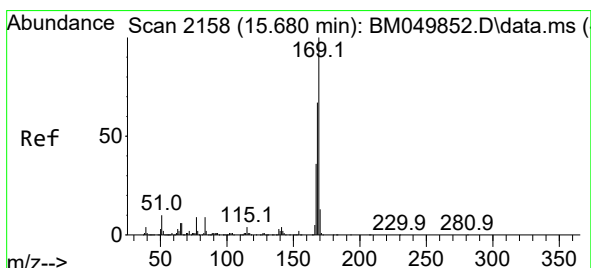
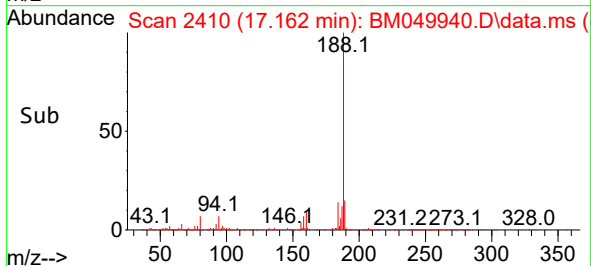
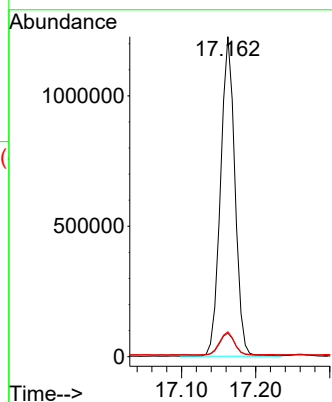
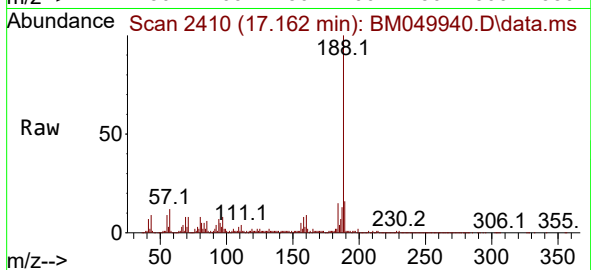
Tgt Ion:188 Resp: 1653639

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 7.8 6.4 9.6



#66

n-Nitrosodiphenylamine

Concen: 2.927 ng

RT: 15.680 min Scan# 2158

Delta R.T. 0.000 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

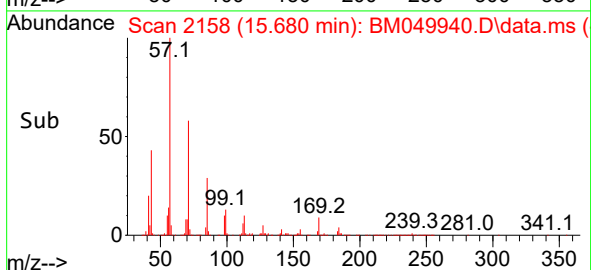
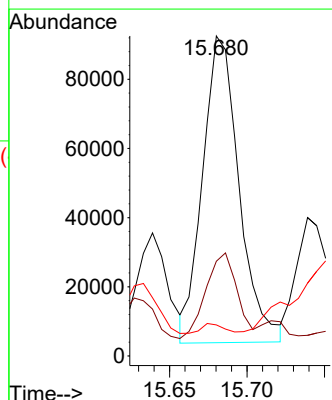
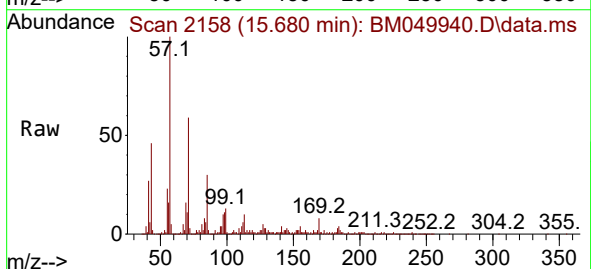
Tgt Ion:169 Resp: 144861

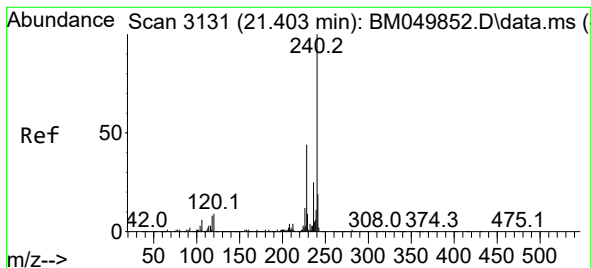
Ion Ratio Lower Upper

169 100

168 29.6 53.4 80.2#

167 9.7 29.0 43.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

Instrument :

BNA_M

ClientSampleId :

HR-03-041125

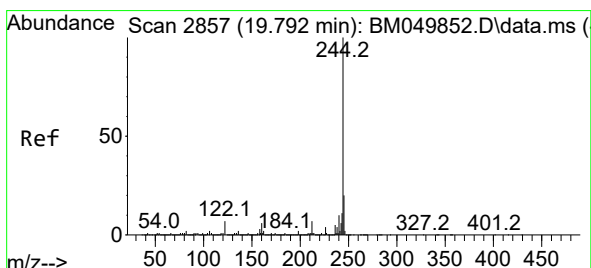
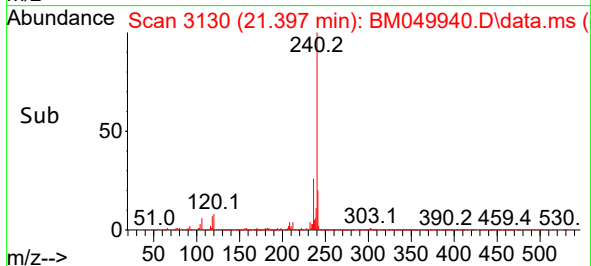
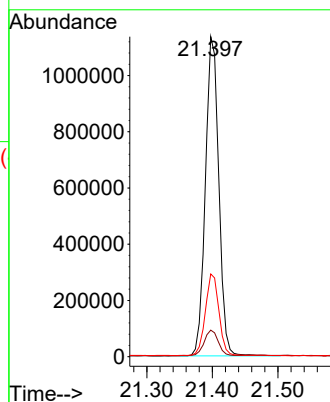
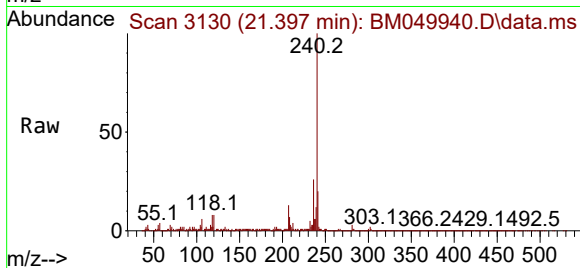
Tgt Ion:240 Resp: 1620557

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 25.9 20.4 30.6



#79

Terphenyl-d14

Concen: 27.609 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049940.D

Acq: 15 Apr 2025 18:32

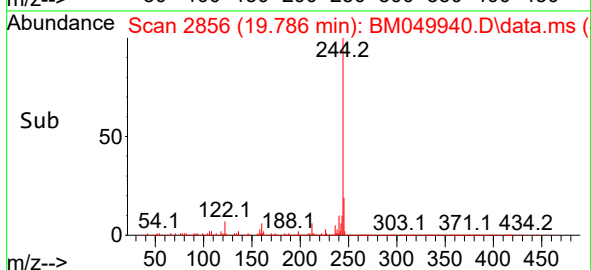
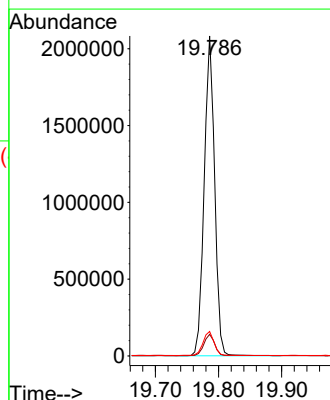
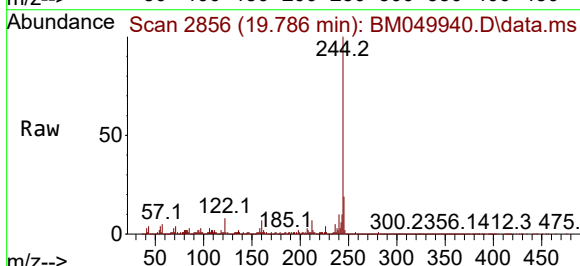
Tgt Ion:244 Resp: 2387470

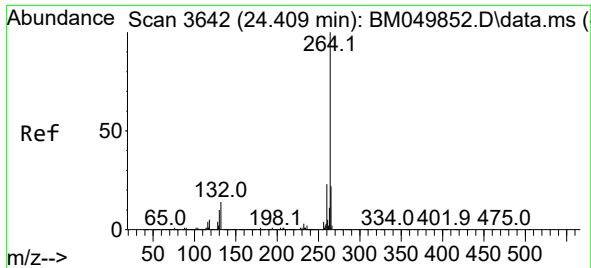
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 7.7 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BM049940.D
 Acq: 15 Apr 2025 18:32

Instrument :
 BNA_M
 ClientSampleId :
 HR-03-041125

Tgt Ion:264 Resp: 1767504
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 22.2 17.8 26.8

