

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049953.D
 Acq On : 16 Apr 2025 15:26
 Operator : RC/JU
 Sample : Q1810-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MOO-25-0118

Quant Time: Apr 16 16:25:16 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)

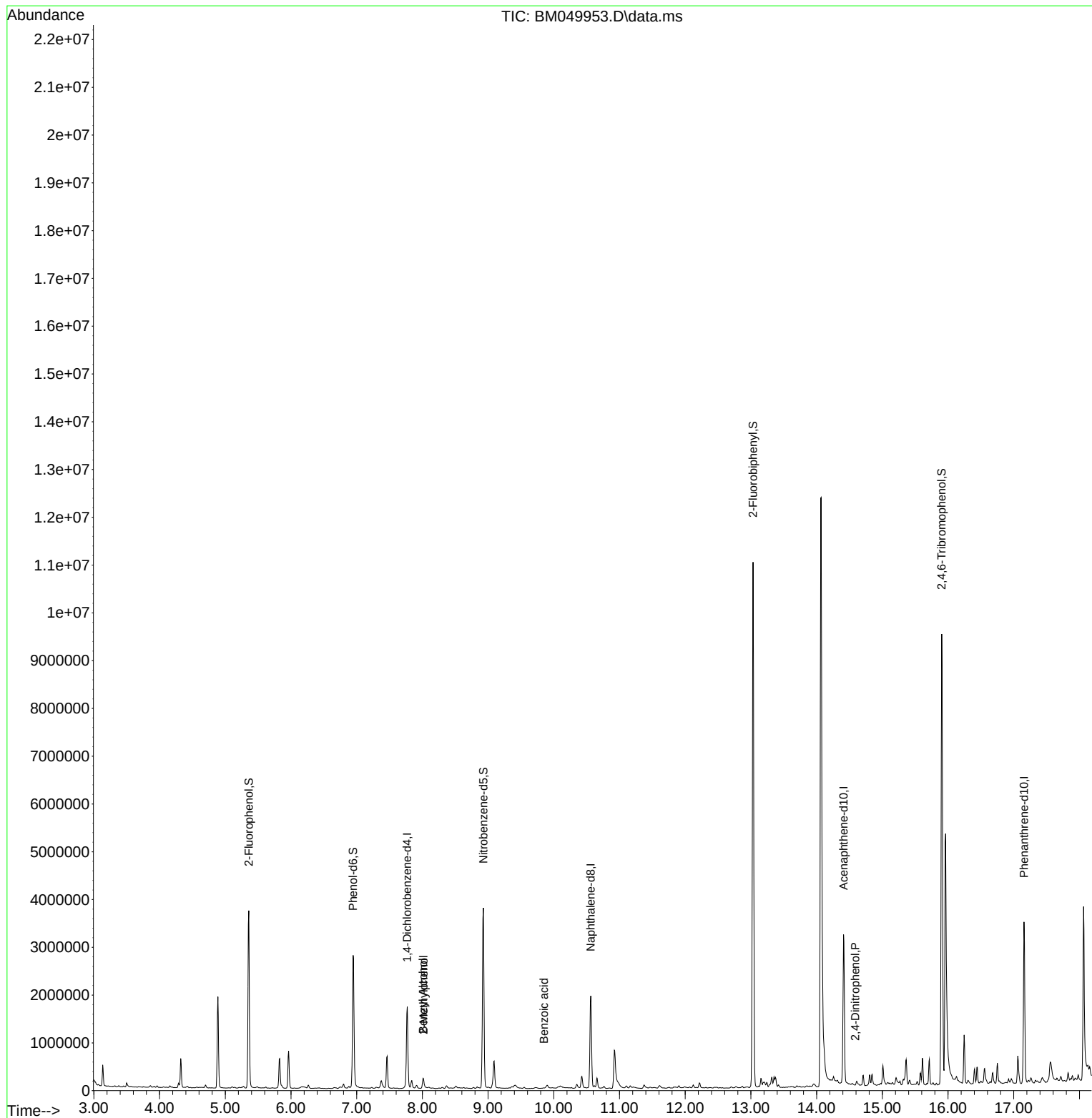
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	481610	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1680773	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	1065529	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	2013577	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1687155	20.000	ng	0.00
86) Perylene-d12	24.403	264	1779017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1675566	59.078	ng	0.00
7) Phenol-d6	6.946	99	1761482	49.918	ng	0.00
23) Nitrobenzene-d5	8.928	82	2194526	72.706	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	2048173	132.153	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5961875	75.872	ng	-0.01
79) Terphenyl-d14	19.786	244	8687043	96.494	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.010	79	93342	4.201	ng	98
17) 2-Methylphenol	8.016	107	54069	2.548	ng	# 22
32) Benzoic acid	9.851	122	3400	8.667	ng	# 56
54) 2,4-Dinitrophenol	14.586	184	54	7.229	ng	# 1

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

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Instrument :
BNA_M
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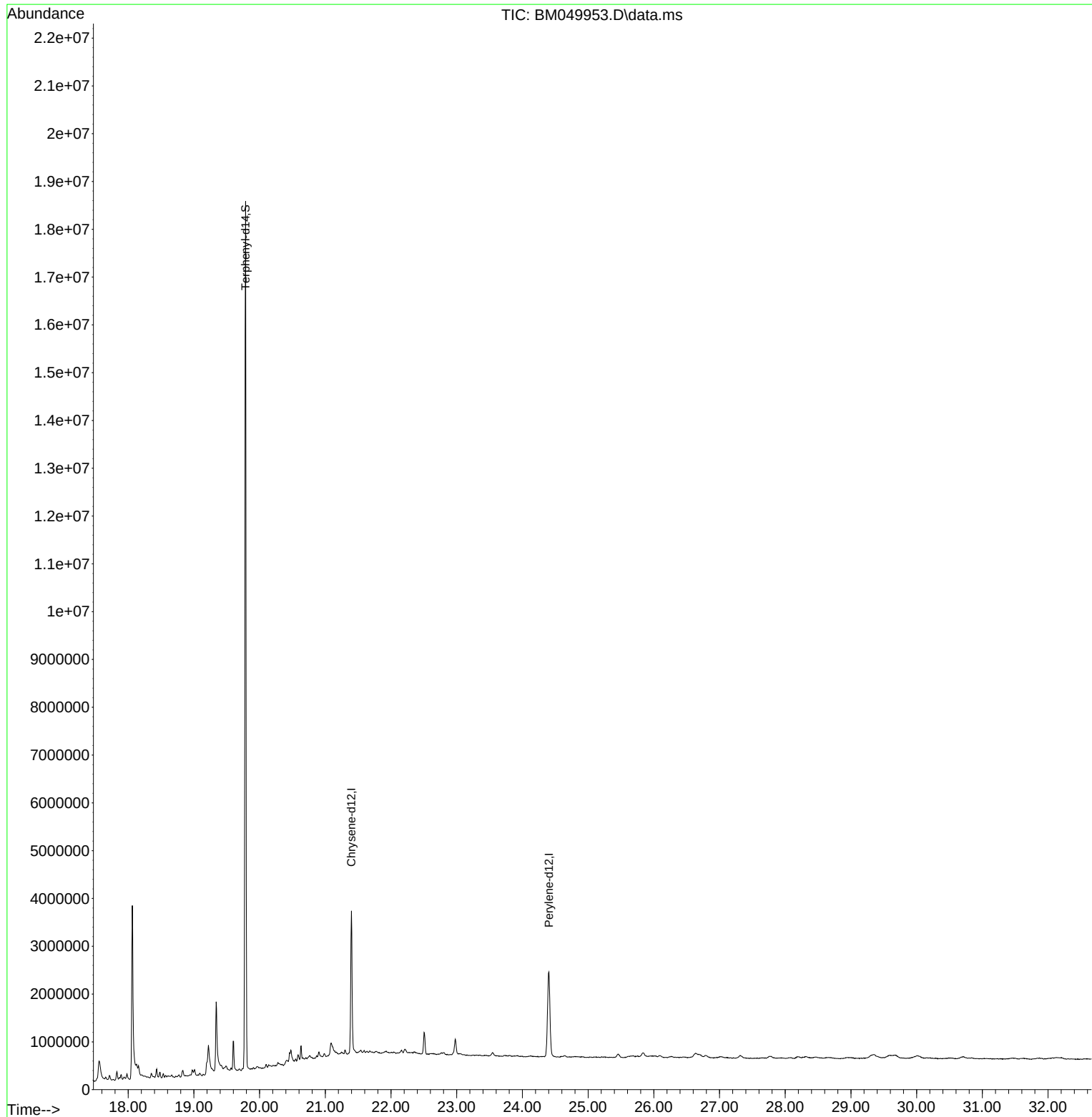
Quant Time: Apr 16 16:25:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

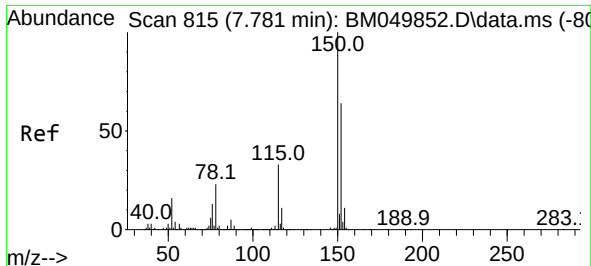


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
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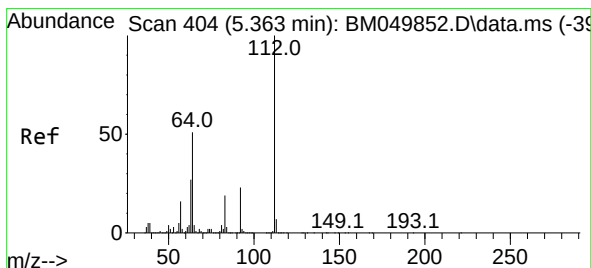
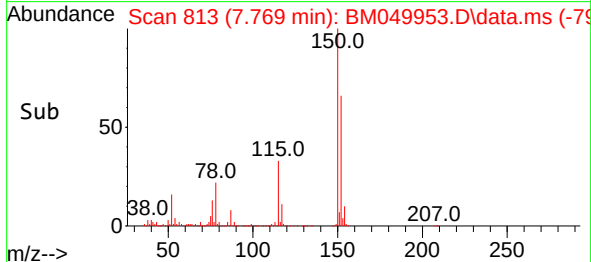
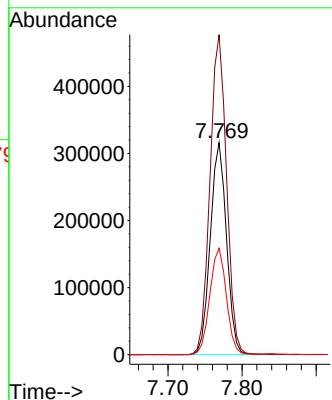
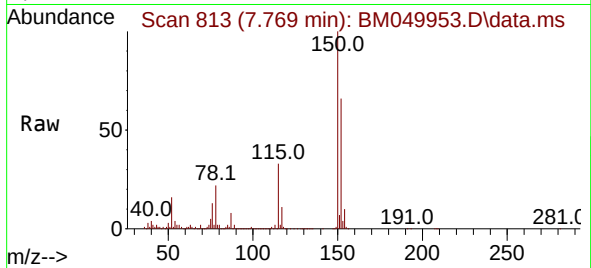




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

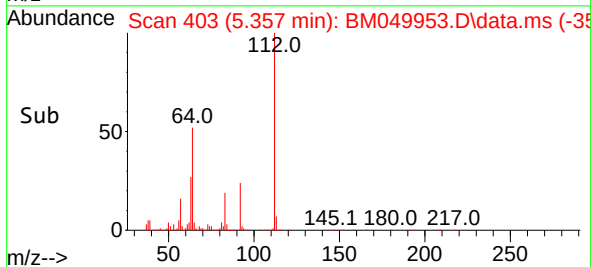
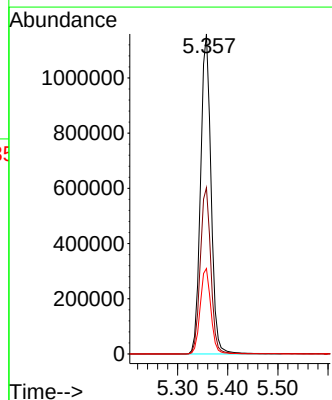
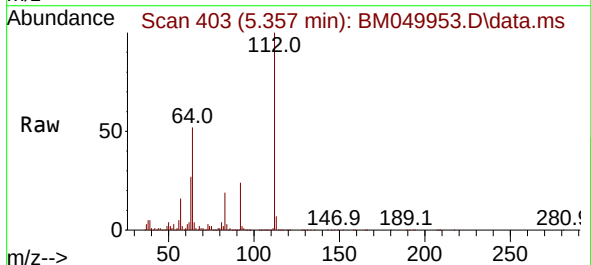
Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

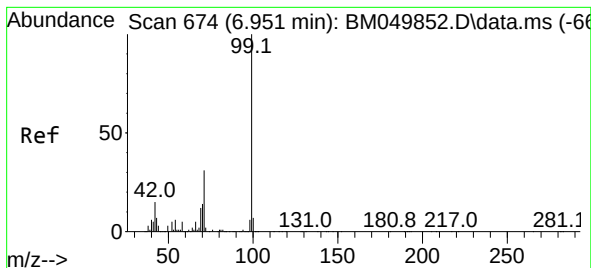
Tgt Ion:152 Resp: 481610
Ion Ratio Lower Upper
152 100
150 150.9 124.3 186.5
115 50.2 41.1 61.7



#5
2-Fluorophenol
Concen: 59.078 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:112 Resp: 1675566
Ion Ratio Lower Upper
112 100
64 51.9 41.0 61.6
63 26.7 21.5 32.3





#7

Phenol-d6

Concen: 49.918 ng

RT: 6.946 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

Instrument :

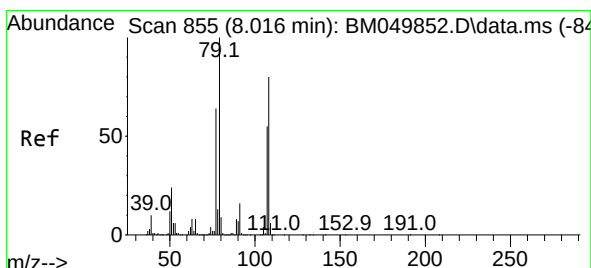
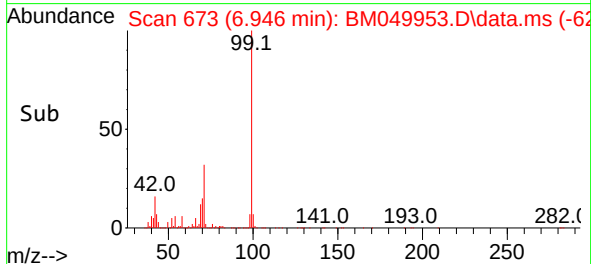
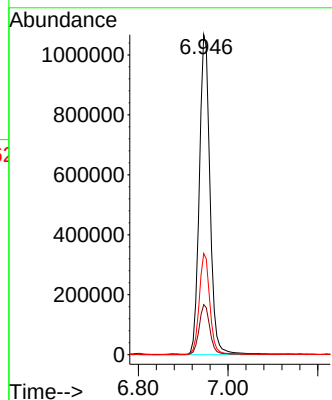
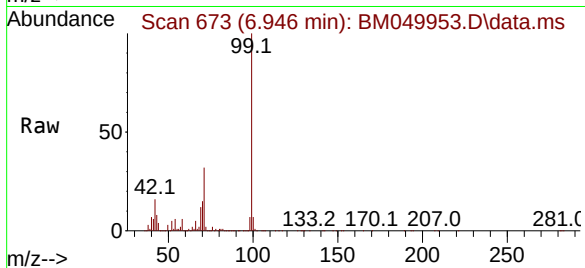
BNA_M

ClientSampleId :

MOO-25-0118

Tgt Ion: 99 Resp: 1761482

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.1	18.1
71	31.6	24.9	37.3



#15

Benzyl Alcohol

Concen: 4.201 ng

RT: 8.010 min Scan# 854

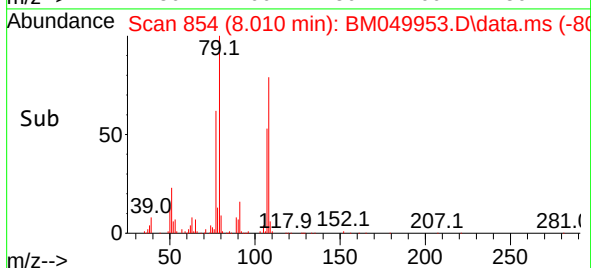
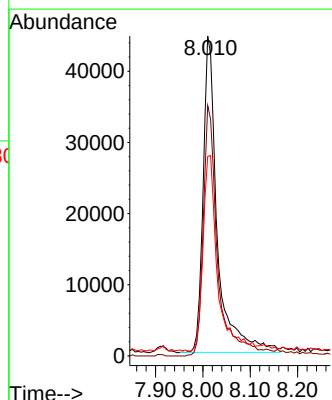
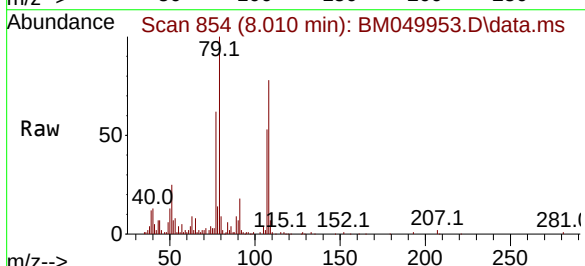
Delta R.T. -0.006 min

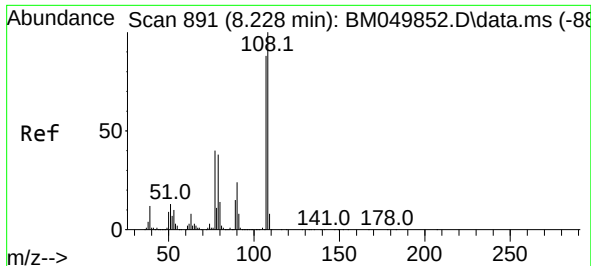
Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

Tgt Ion: 79 Resp: 93342

Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.6	95.4
77	62.3	51.3	76.9

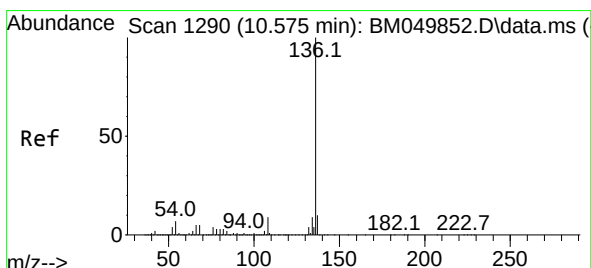
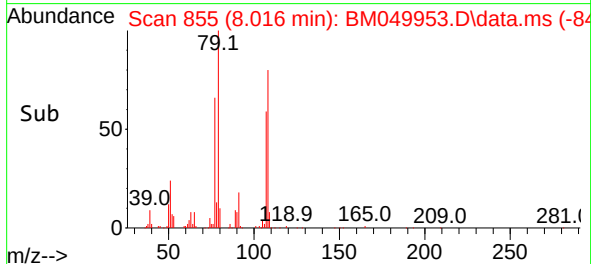
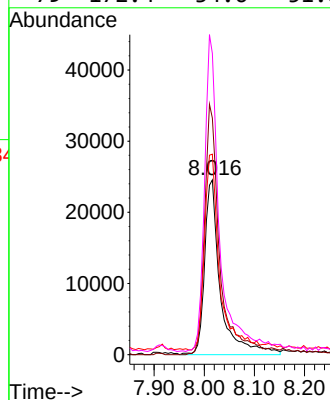
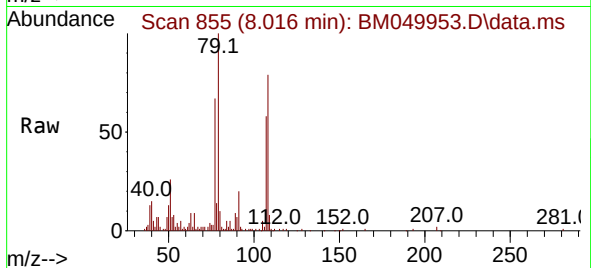




#17
2-Methylphenol
Concen: 2.548 ng
RT: 8.016 min Scan# 81
Delta R.T. -0.212 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

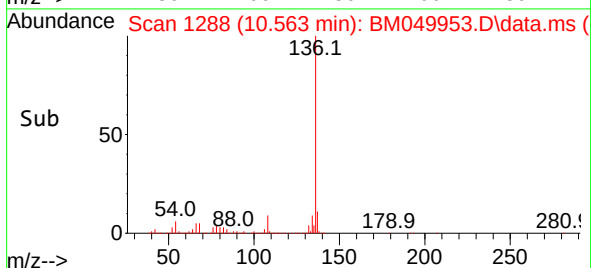
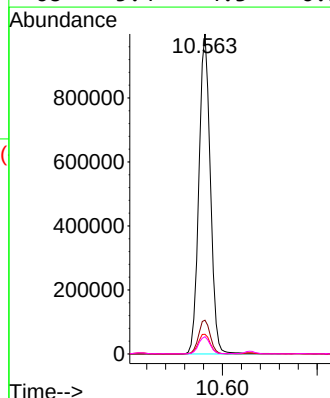
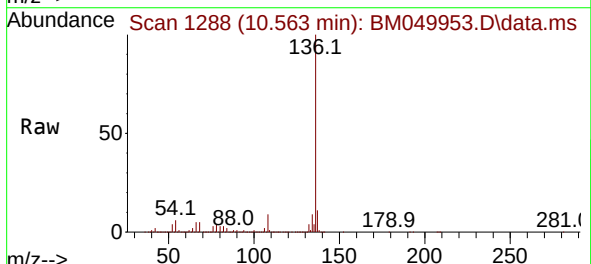
Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

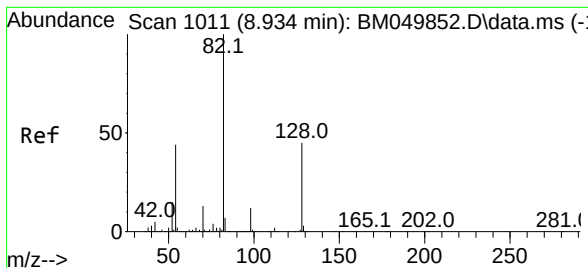
Tgt Ion:	107	Resp:	54069
Ion	Ratio	Lower	Upper
107	100		
108	135.4	91.0	136.6
77	114.7	36.5	54.7#
79	172.4	34.6	51.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:	136	Resp:	1680773
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.2	5.3	7.9
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 72.706 ng

RT: 8.928 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

Instrument :

BNA_M

ClientSampleId :

MOO-25-0118

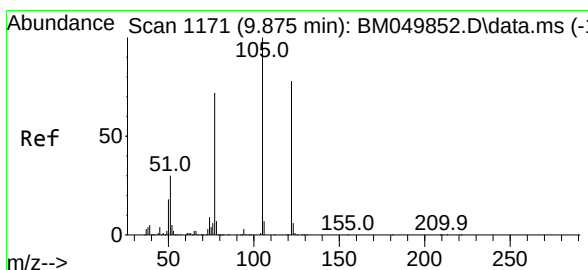
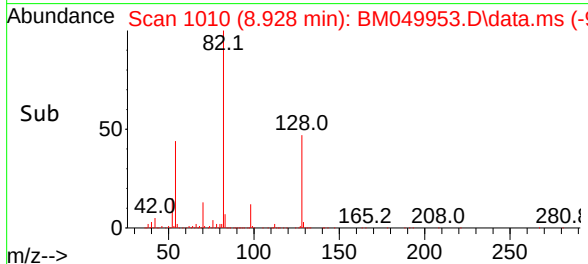
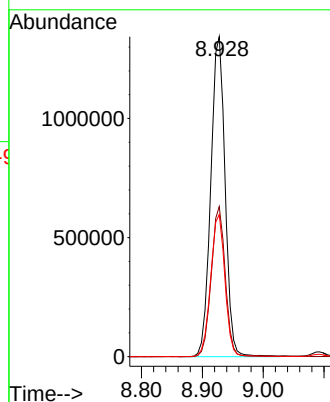
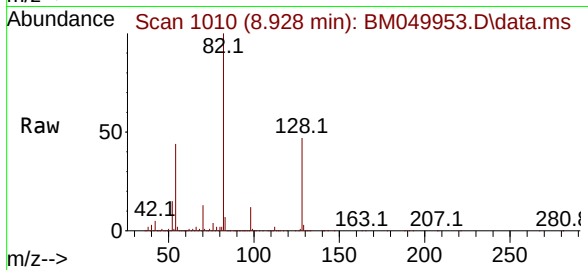
Tgt Ion: 82 Resp: 2194526

Ion Ratio Lower Upper

82 100

128 46.9 36.2 54.2

54 44.4 35.0 52.6



#32

Benzoic acid

Concen: 8.667 ng

RT: 9.851 min Scan# 1167

Delta R.T. -0.024 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

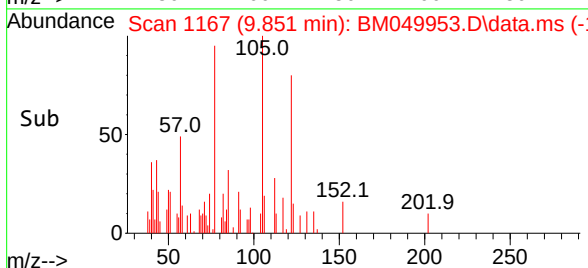
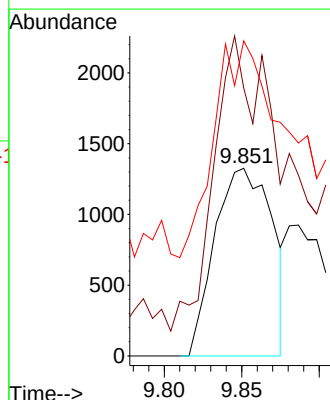
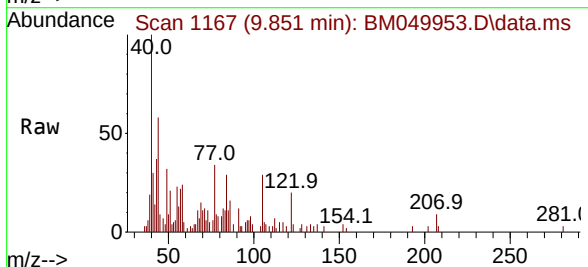
Tgt Ion:122 Resp: 3400

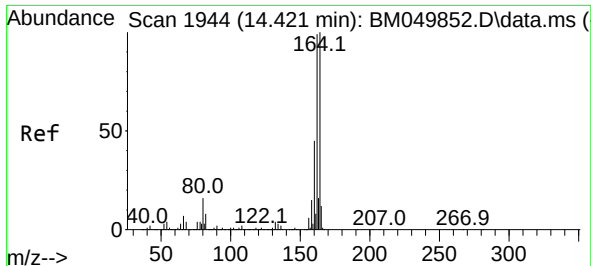
Ion Ratio Lower Upper

122 100

105 142.8 103.8 143.8

77 167.9 70.7 110.7#

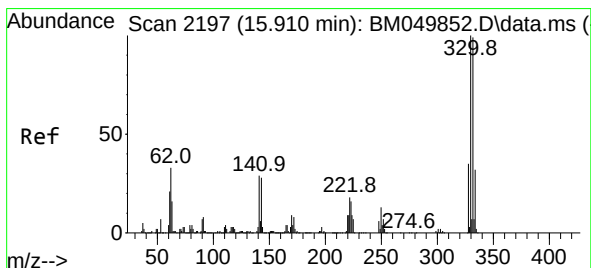
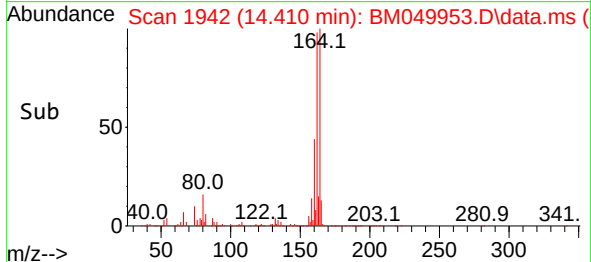
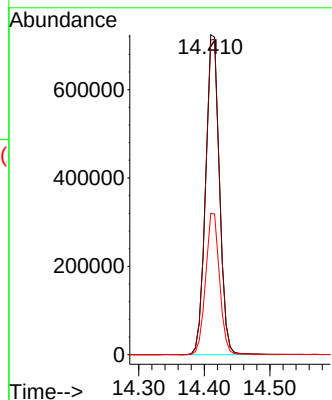
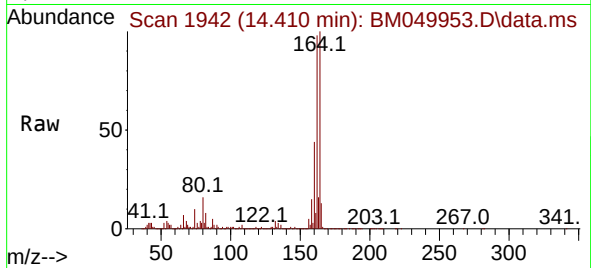




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

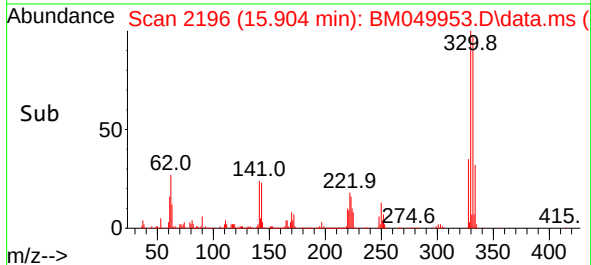
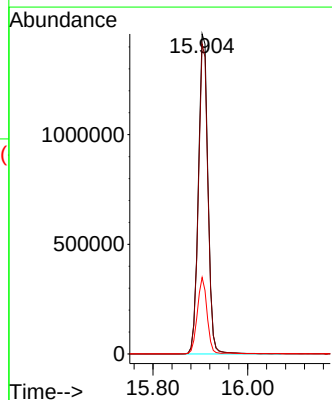
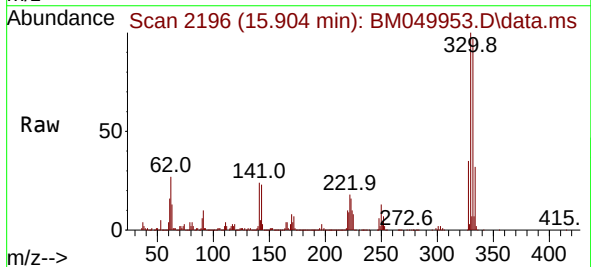
Instrument :
BNA_M
ClientSampleId :
MOO-25-0118

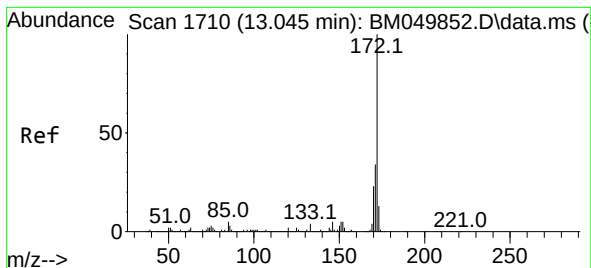
Tgt Ion:164 Resp: 1065529
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 132.153 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049953.D
Acq: 16 Apr 2025 15:26

Tgt Ion:330 Resp: 2048173
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 24.1 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 75.872 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

Instrument :

BNA_M

ClientSampleId :

MOO-25-0118

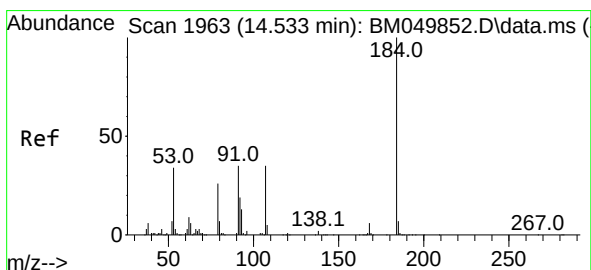
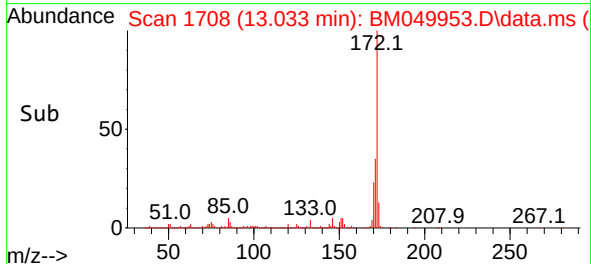
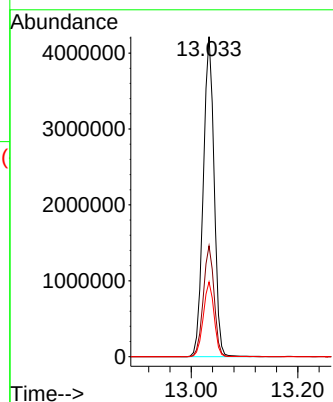
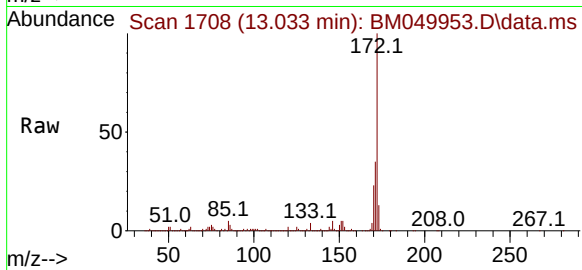
Tgt Ion:172 Resp: 5961875

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.2

170 23.4 18.6 28.0



#54

2,4-Dinitrophenol

Concen: 7.229 ng

RT: 14.586 min Scan# 1972

Delta R.T. 0.053 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

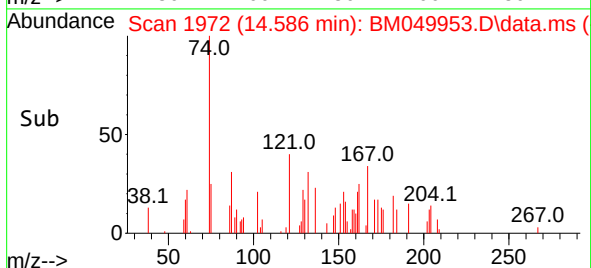
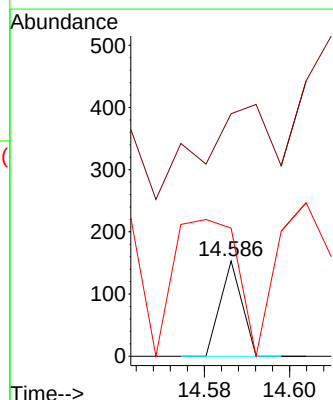
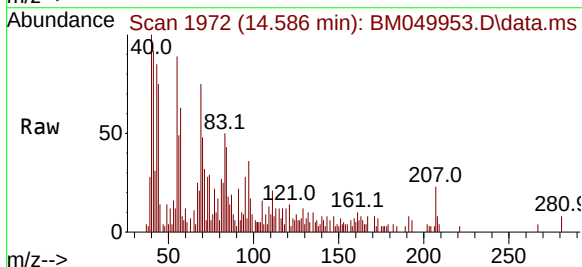
Tgt Ion:184 Resp: 54

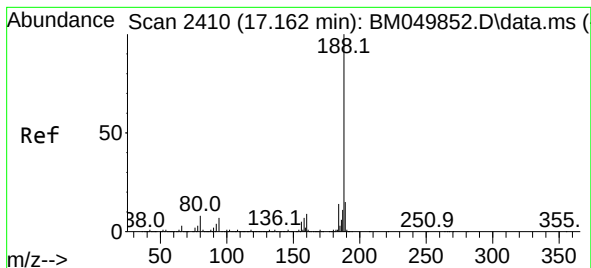
Ion Ratio Lower Upper

184 100

63 254.9 38.4 57.6#

154 134.6 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

Instrument :

BNA_M

ClientSampleId :

MOO-25-0118

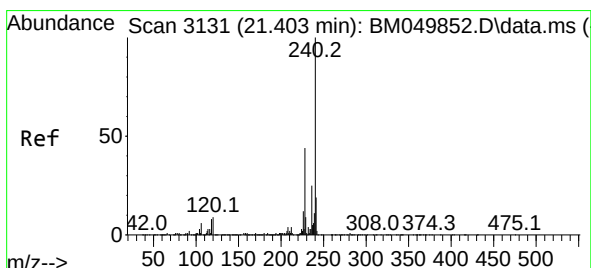
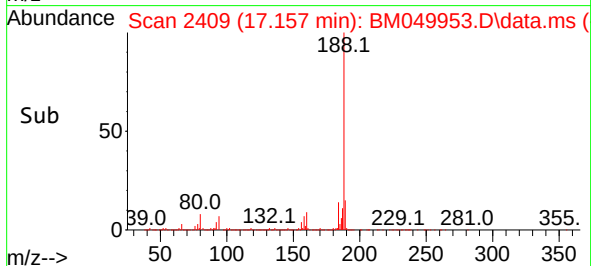
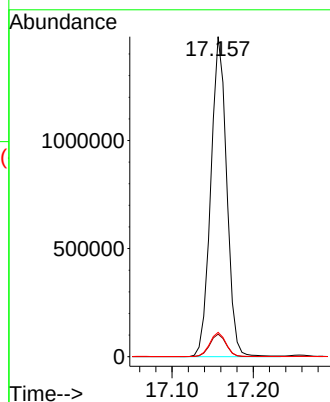
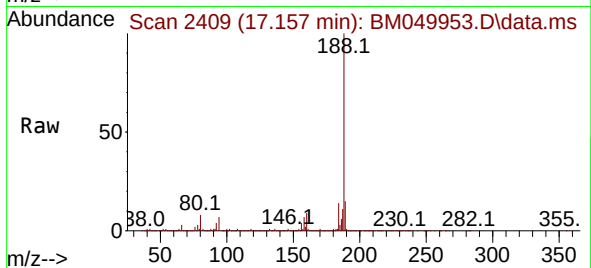
Tgt Ion:188 Resp: 2013577

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 7.6 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049953.D

Acq: 16 Apr 2025 15:26

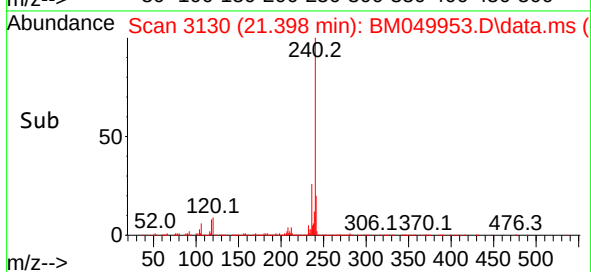
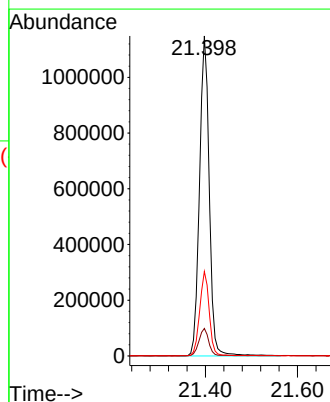
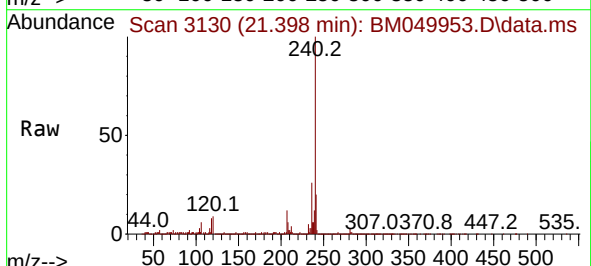
Tgt Ion:240 Resp: 1687155

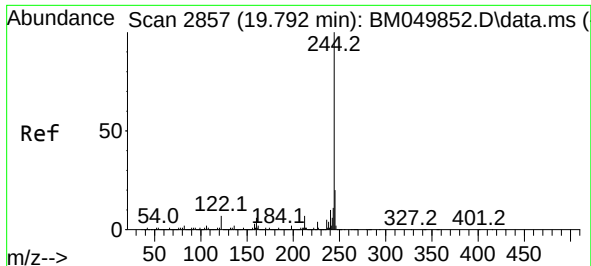
Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

236 26.4 20.4 30.6

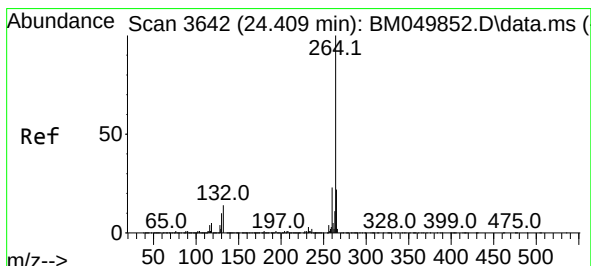
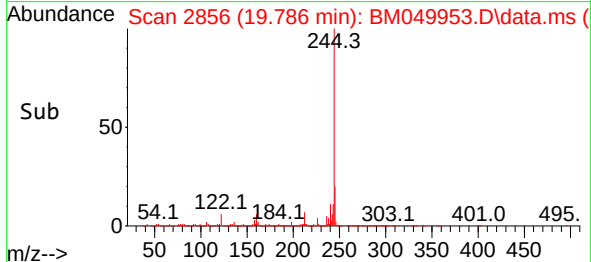
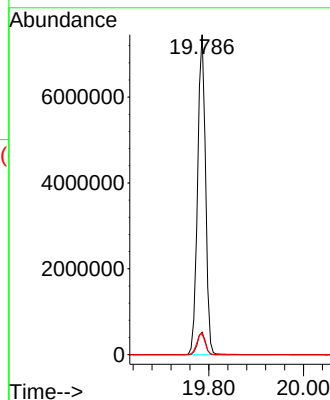
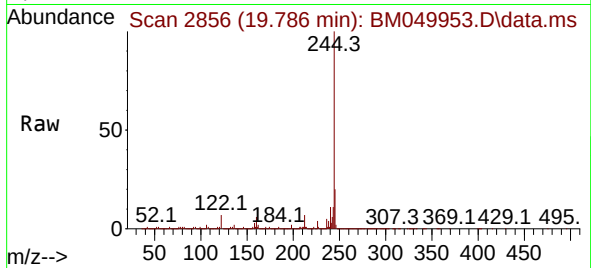




#79
 Terphenyl-d14
 Concen: 96.494 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049953.D
 Acq: 16 Apr 2025 15:26

Instrument :
 BNA_M
 ClientSampleId :
 MOO-25-0118

Tgt Ion:244 Resp: 8687043
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 6.5 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.006 min
 Lab File: BM049953.D
 Acq: 16 Apr 2025 15:26

Tgt Ion:264 Resp: 1779017
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.4 17.8 26.8

