

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050066.D
 Acq On : 01 May 2025 16:05
 Operator : RC/JU
 Sample : Q1914-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-1

Quant Time: May 01 16:44:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

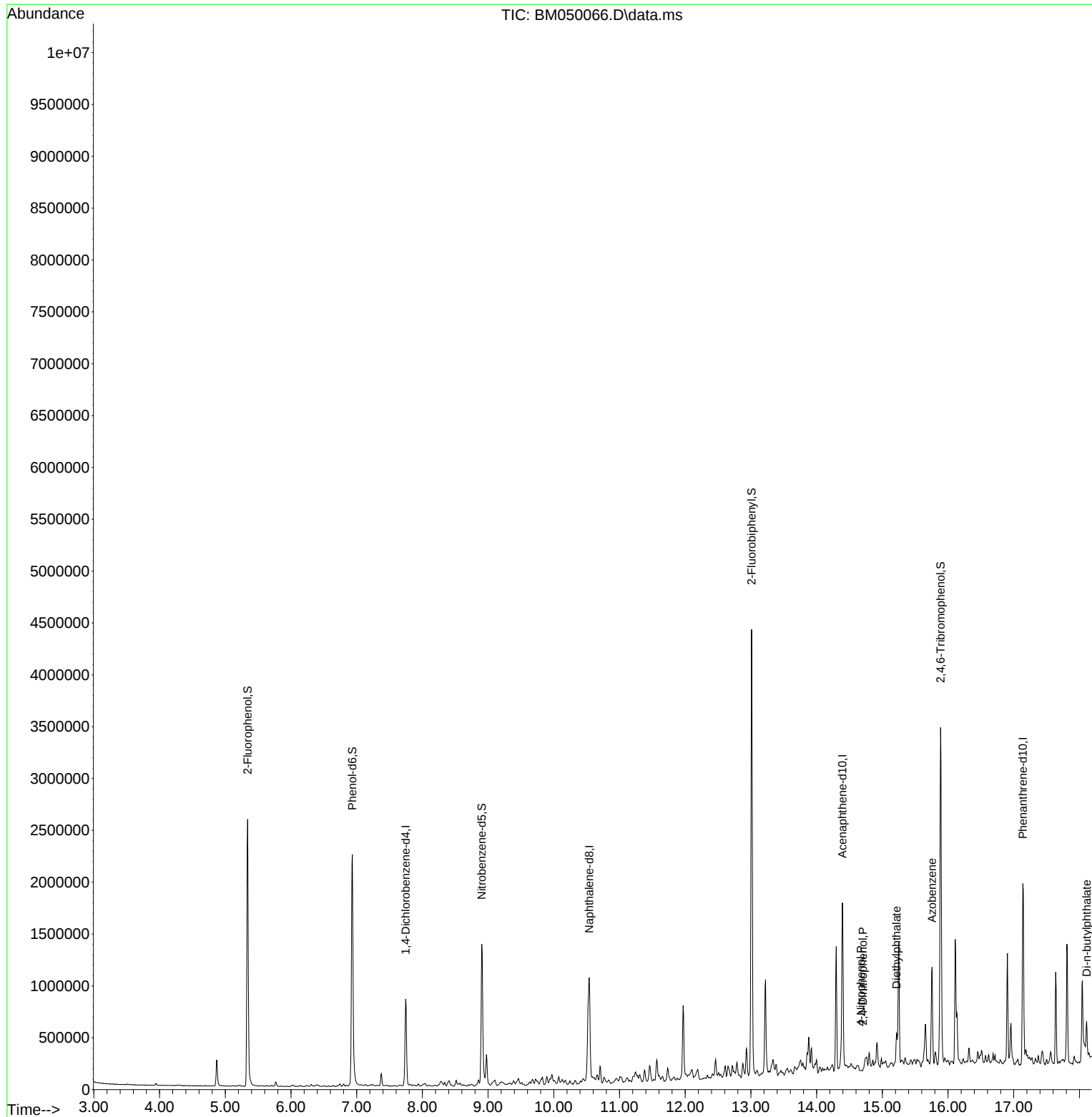
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	239935	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	828165	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	540888	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1067812	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1100864	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1221356	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1164460	84.984	ng	-0.02
7) Phenol-d6	6.934	99	1462699	84.933	ng	-0.02
23) Nitrobenzene-d5	8.904	82	864877	51.461	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	673555	84.218	ng	-0.02
45) 2-Fluorobiphenyl	13.010	172	2275635	49.771	ng	-0.02
79) Terphenyl-d14	19.768	244	3673095	49.372	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.704	184	54	5.752	ng	# 1
56) 4-Nitrophenol	14.674	139	414	4.595	ng	# 1
60) Diethylphthalate	15.215	149	236705	6.355	ng	99
63) Azobenzene	15.757	77	239116	7.660	ng	# 1
74) Di-n-butylphthalate	18.109	149	327560	5.201	ng	98

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

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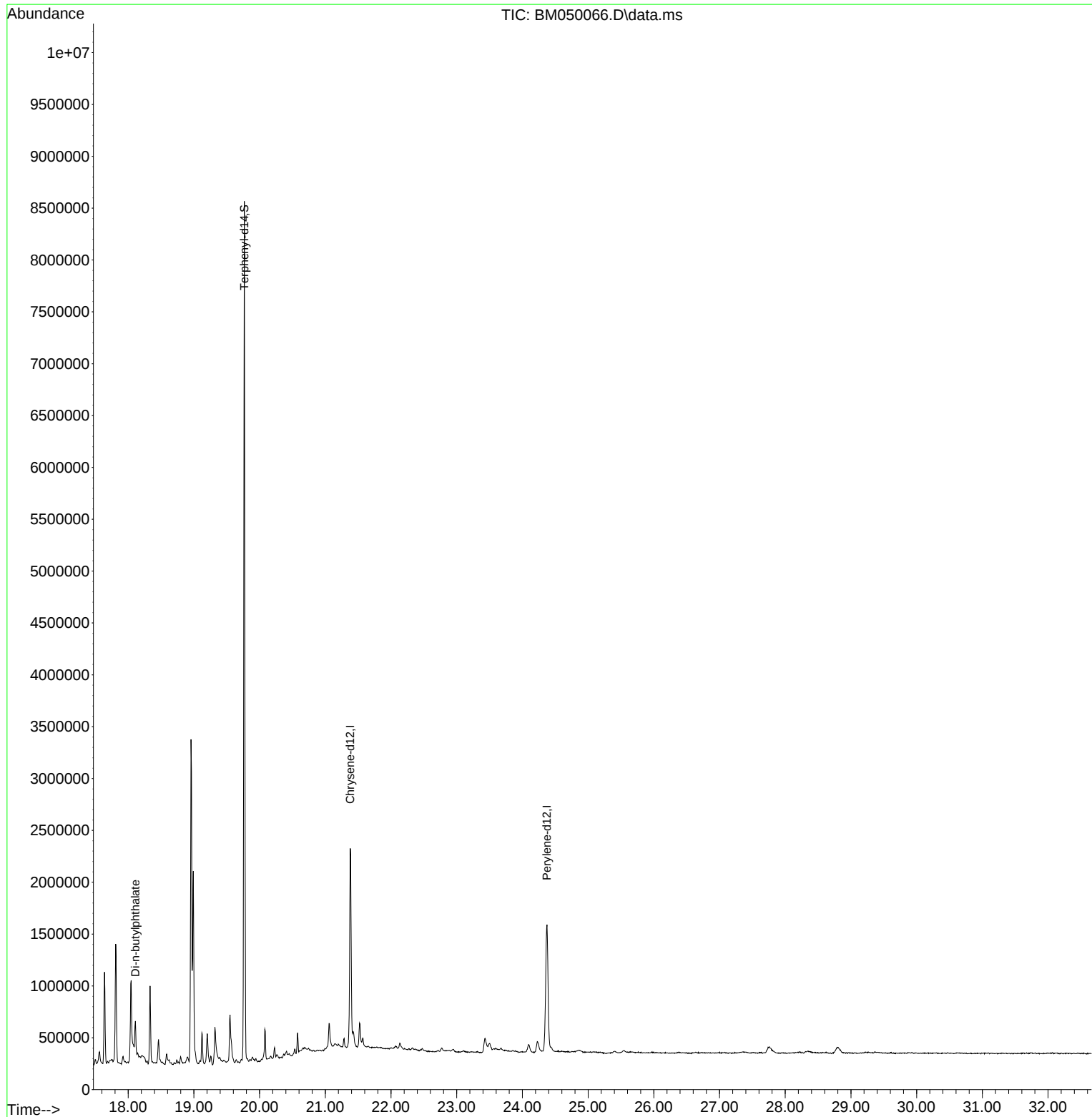
Quant Time: May 01 16:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

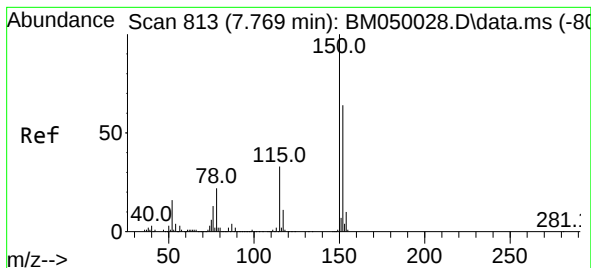


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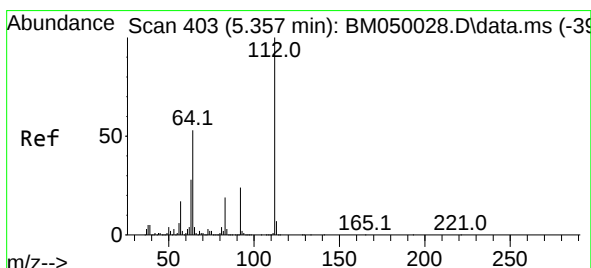
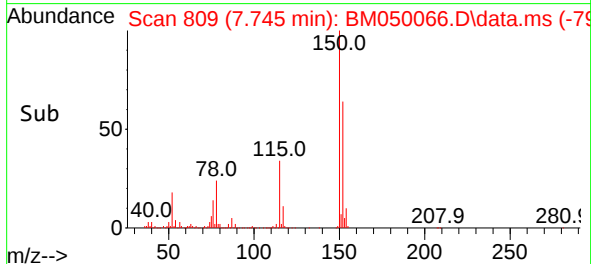
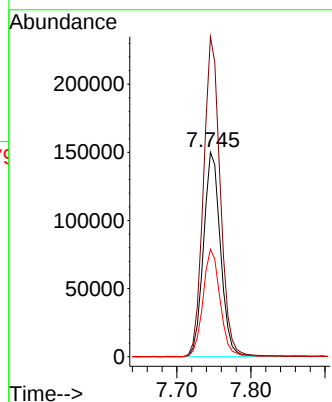
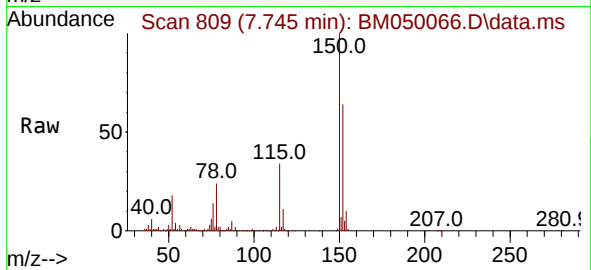




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

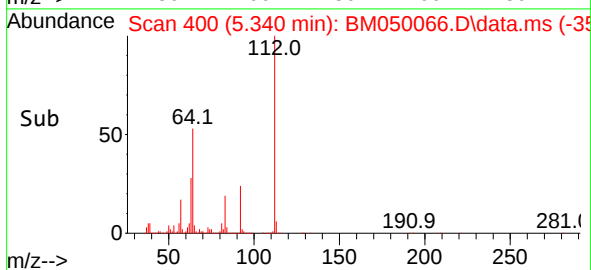
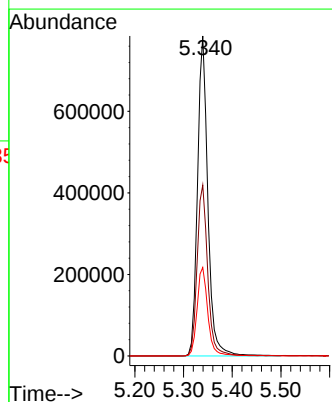
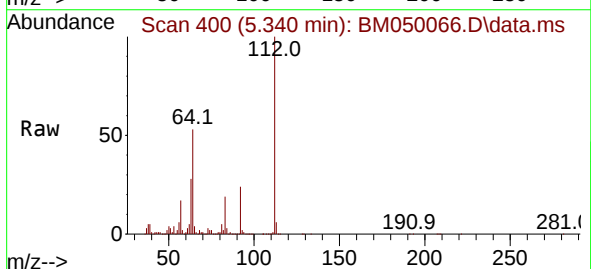
Instrument :
BNA_M
ClientSampleId :
SS-1

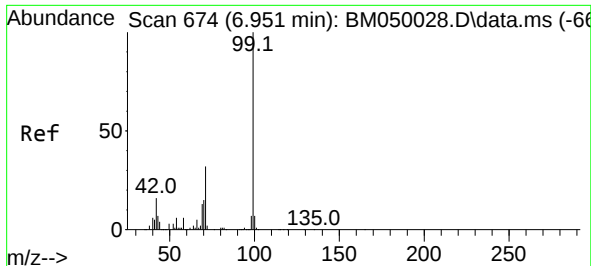
Tgt Ion:152 Resp: 239935
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 52.5 41.2 61.8



#5
2-Fluorophenol
Concen: 84.984 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:112 Resp: 1164460
Ion Ratio Lower Upper
112 100
64 53.4 42.6 64.0
63 27.6 22.2 33.4

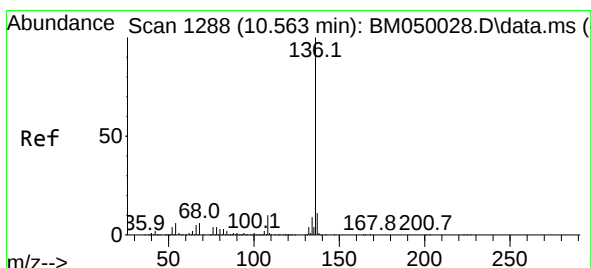
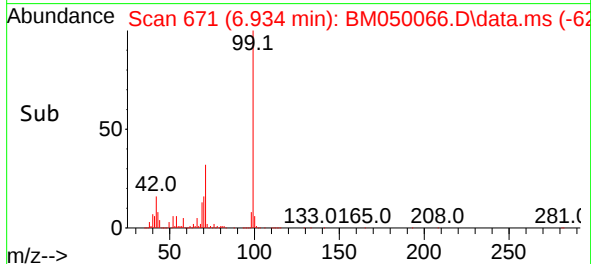
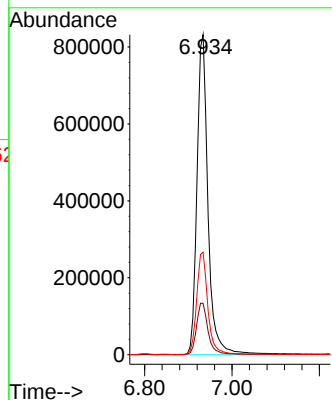
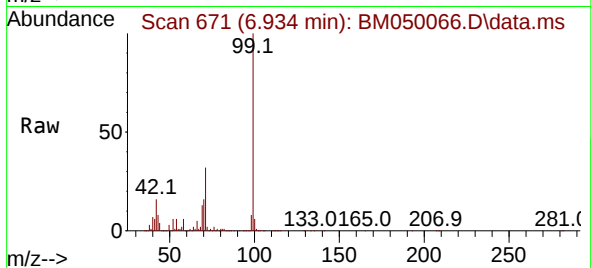




#7
Phenol-d6
Concen: 84.933 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

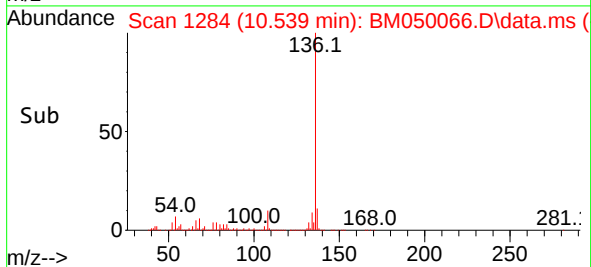
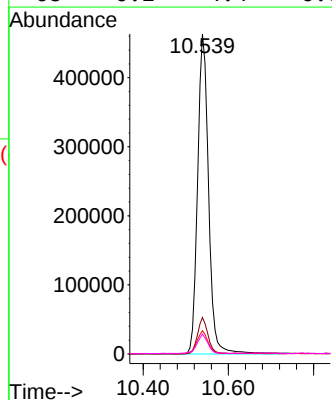
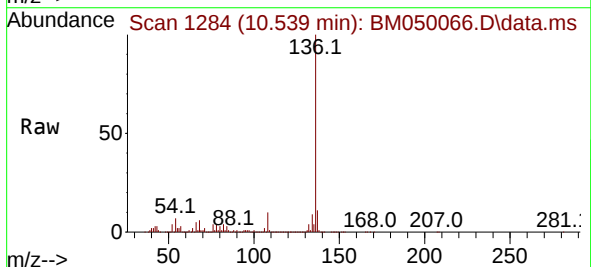
Instrument :
BNA_M
ClientSampleId :
SS-1

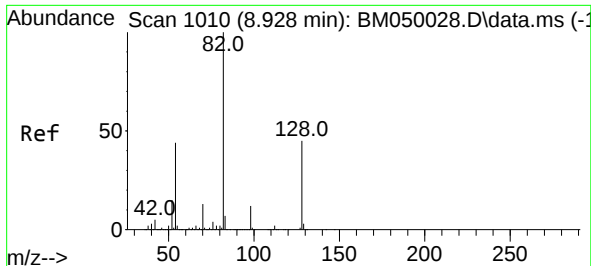
Tgt Ion: 99 Resp: 1462699
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion: 136 Resp: 828165
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.3 5.1 7.7
68 6.2 4.4 6.6

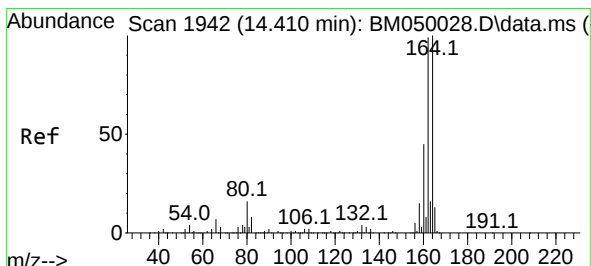
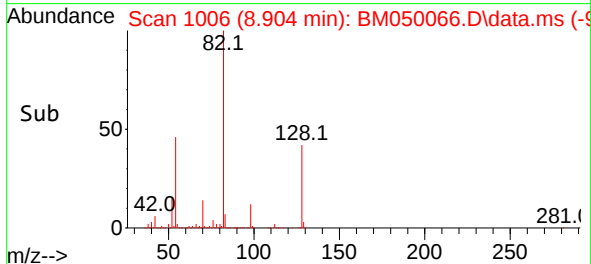
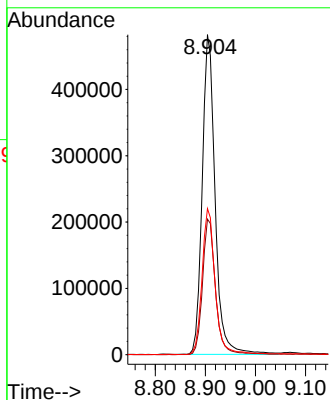
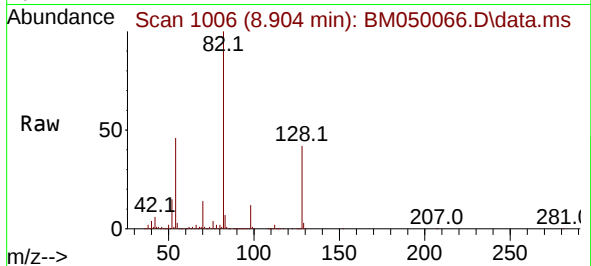




#23
Nitrobenzene-d5
Concen: 51.461 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

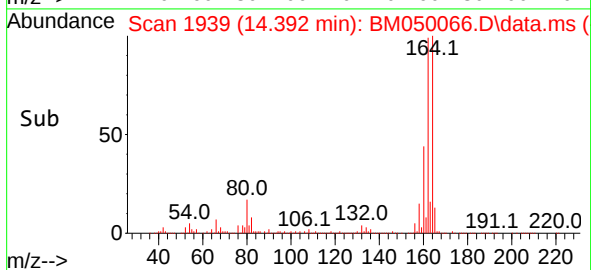
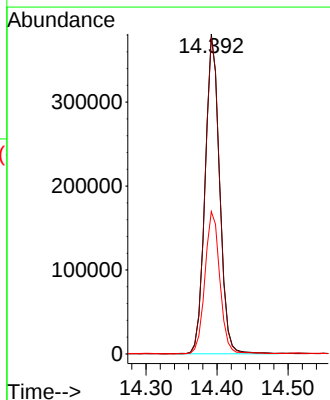
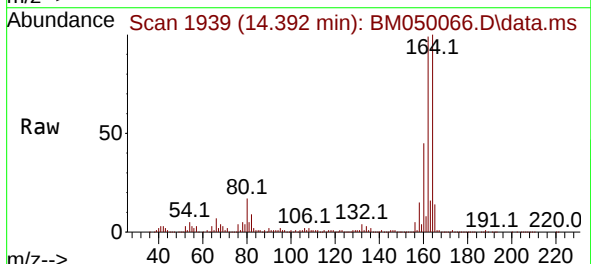
Instrument :
BNA_M
ClientSampleId :
SS-1

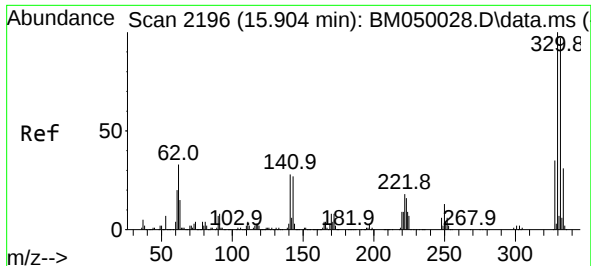
Tgt Ion: 82 Resp: 864877
Ion Ratio Lower Upper
82 100
128 42.3 35.7 53.5
54 45.6 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

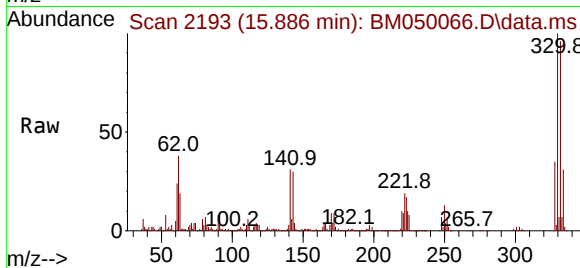
Tgt Ion: 164 Resp: 540888
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 44.5 36.2 54.4



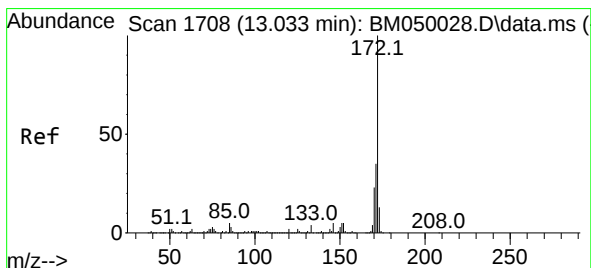
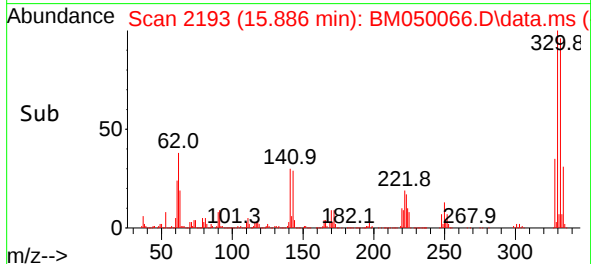
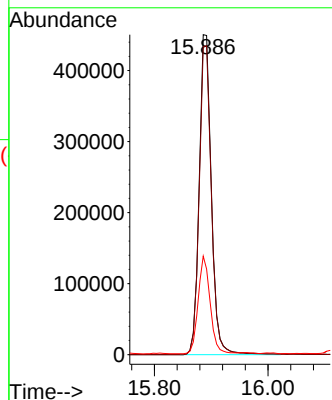


#42
2,4,6-Tribromophenol
Concen: 84.218 ng
RT: 15.886 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Instrument :
BNA_M
ClientSampleId :
SS-1

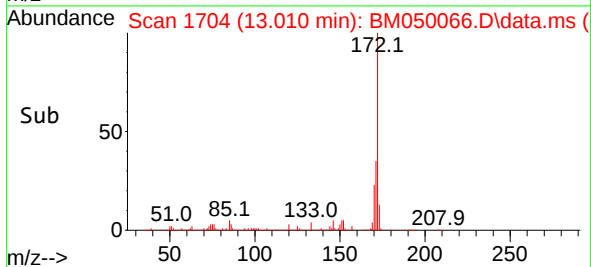
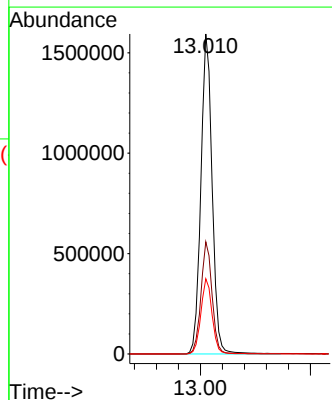
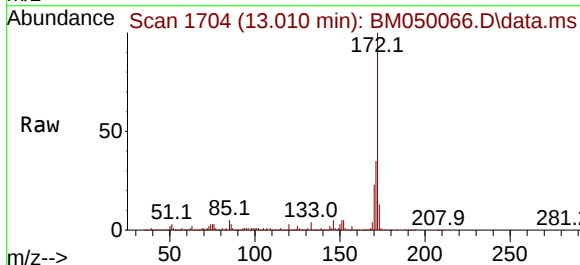


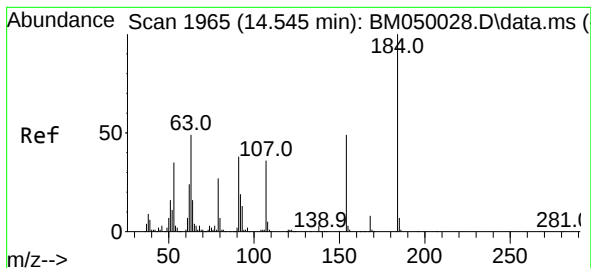
Tgt Ion:330 Resp: 673555
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 49.771 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:172 Resp: 2275635
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.5 18.6 28.0

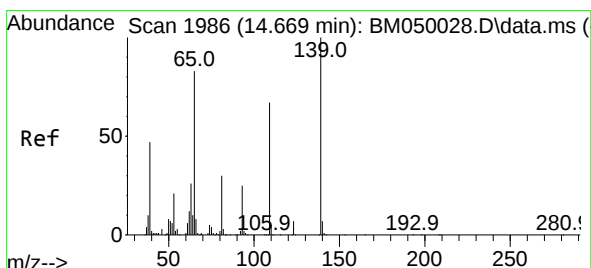
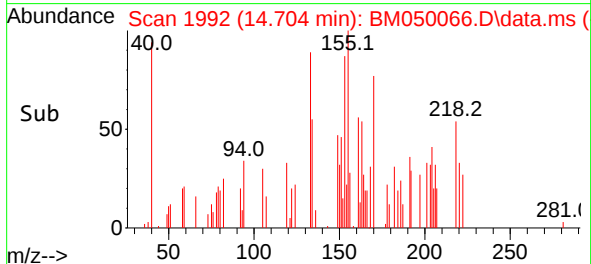
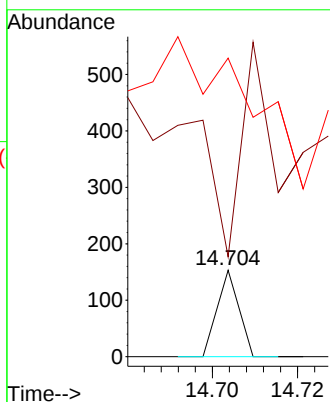
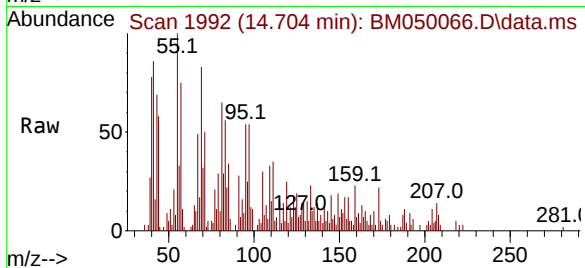




#54
2,4-Dinitrophenol
Concen: 5.752 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.159 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

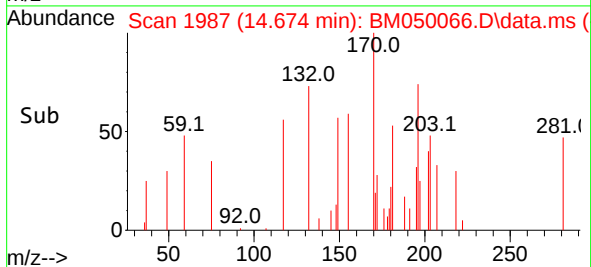
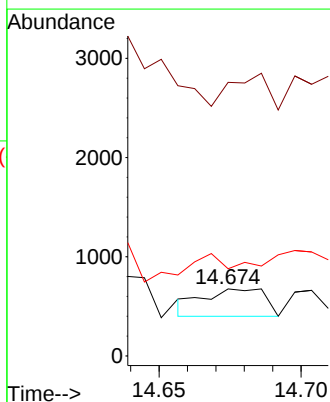
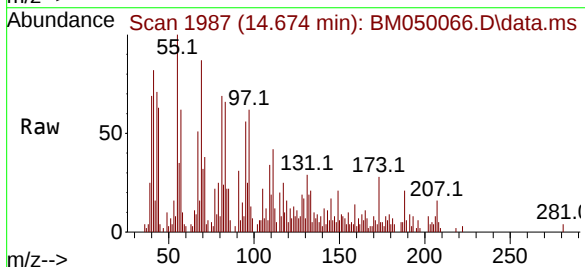
Instrument :
BNA_M
ClientSampleId :
SS-1

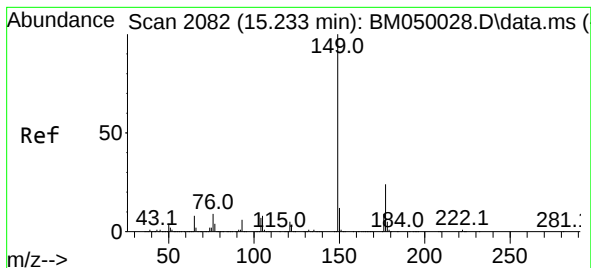
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 115.7 39.8 59.6#
154 345.8 46.1 69.1#



#56
4-Nitrophenol
Concen: 4.595 ng
RT: 14.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:139 Resp: 414
Ion Ratio Lower Upper
139 100
109 408.0 47.0 87.0#
65 130.0 64.3 104.3#





#60

Diethylphthalate

Concen: 6.355 ng

RT: 15.215 min Scan# 2082

Delta R.T. -0.018 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Instrument :

BNA_M

ClientSampleId :

SS-1

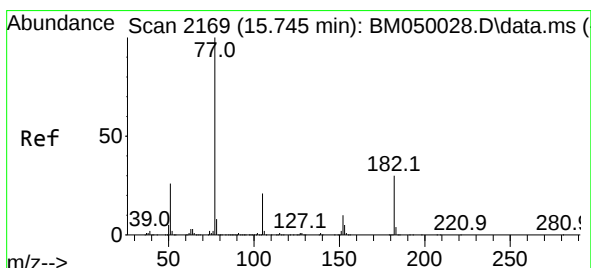
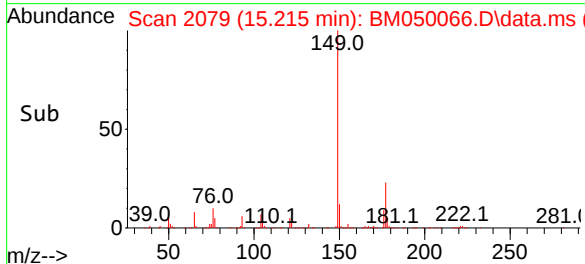
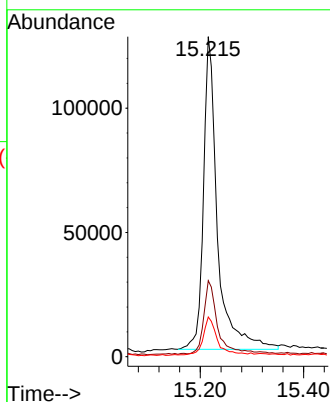
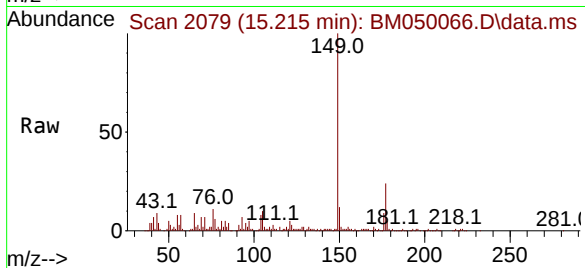
Tgt Ion:149 Resp: 236705

Ion Ratio Lower Upper

149 100

177 23.7 19.1 28.7

150 12.4 9.6 14.4



#63

Azobenzene

Concen: 7.660 ng

RT: 15.757 min Scan# 2171

Delta R.T. 0.012 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Tgt Ion: 77 Resp: 239116

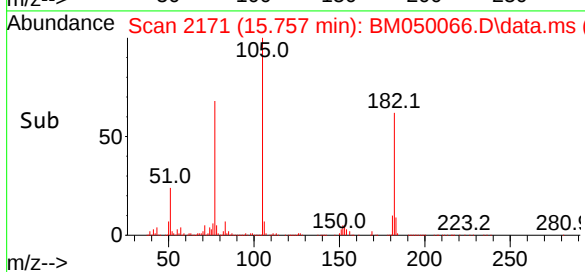
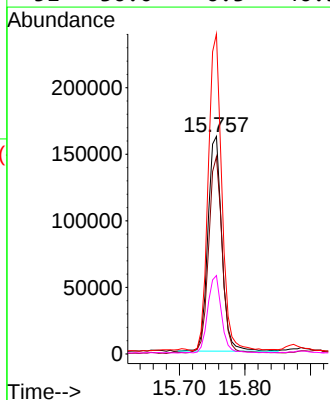
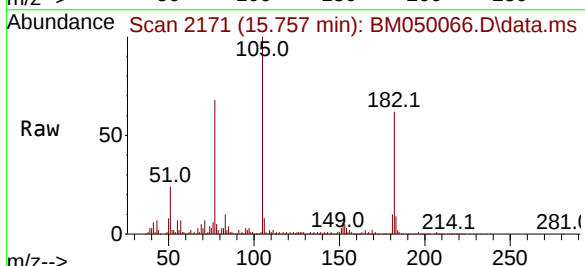
Ion Ratio Lower Upper

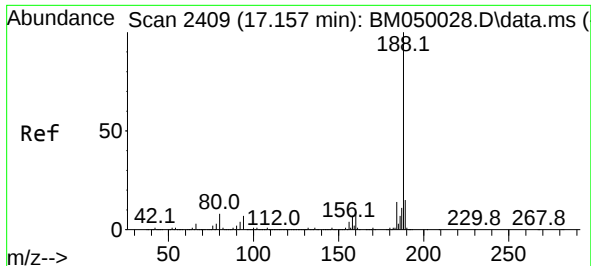
77 100

182 90.7 10.5 50.5#

105 147.1 1.1 41.1#

51 36.0 6.3 46.3

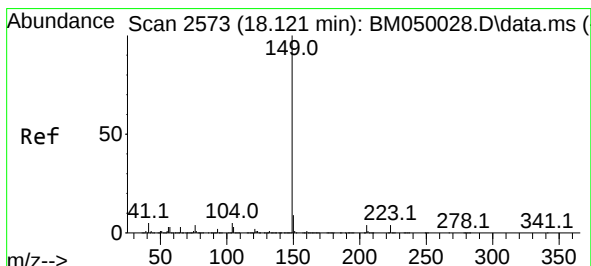
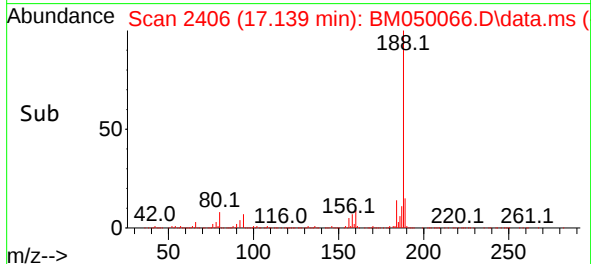
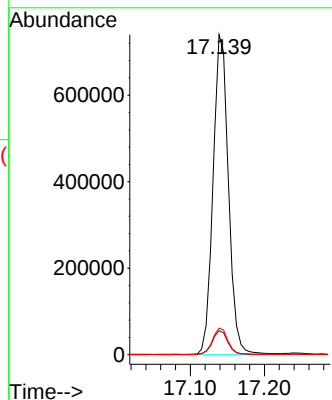
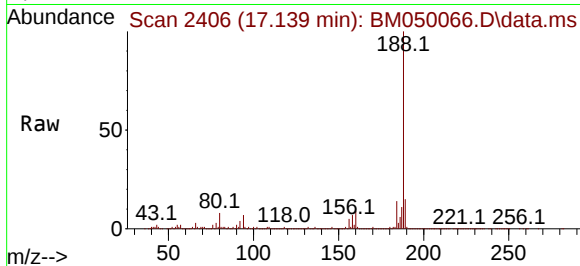




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

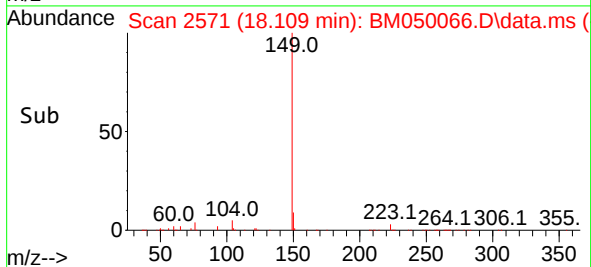
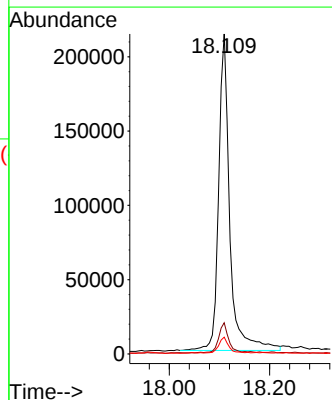
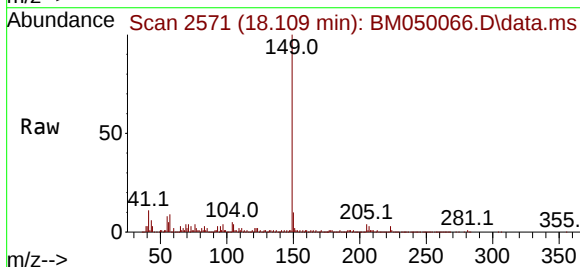
Instrument :
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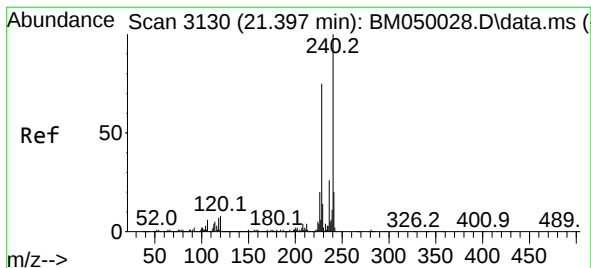
Tgt Ion:188 Resp: 1067812
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.3 6.2 9.4



#74
Di-n-butylphthalate
Concen: 5.201 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050066.D
Acq: 01 May 2025 16:05

Tgt Ion:149 Resp: 327560
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 5.3 3.8 5.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

Instrument :

BNA_M

ClientSampleId :

SS-1

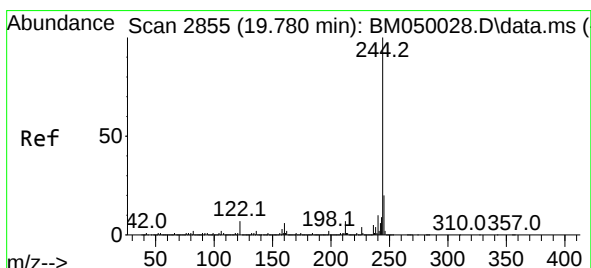
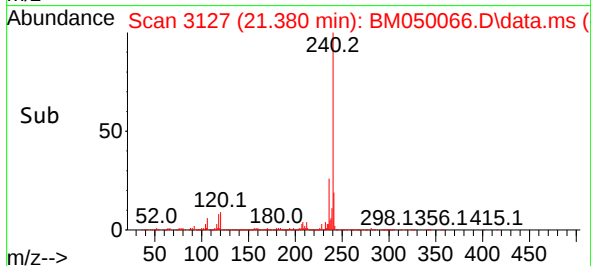
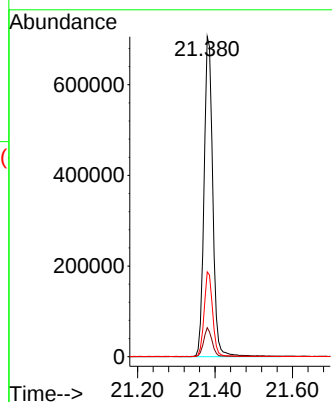
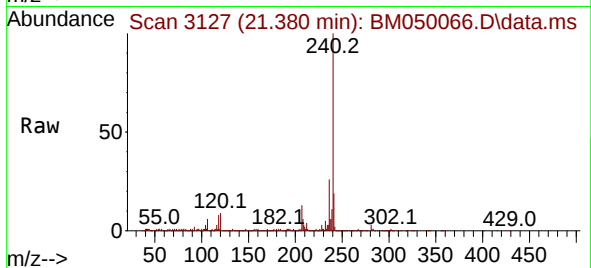
Tgt Ion:240 Resp: 1100864

Ion Ratio Lower Upper

240 100

120 9.1 6.5 9.7

236 26.5 20.9 31.3



#79

Terphenyl-d14

Concen: 49.372 ng

RT: 19.768 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BM050066.D

Acq: 01 May 2025 16:05

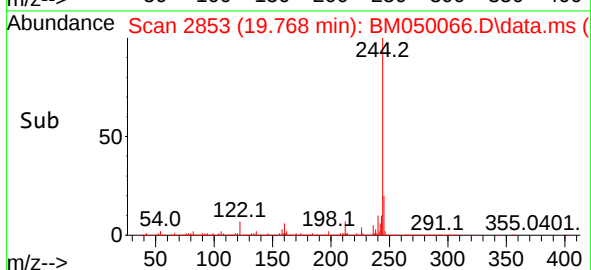
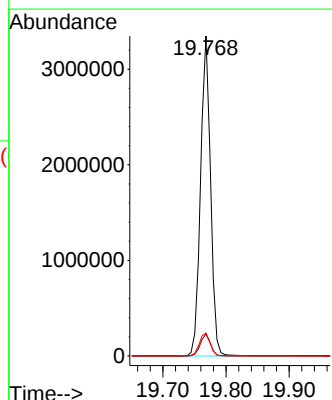
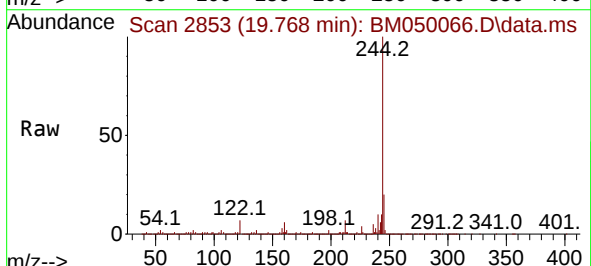
Tgt Ion:244 Resp: 3673095

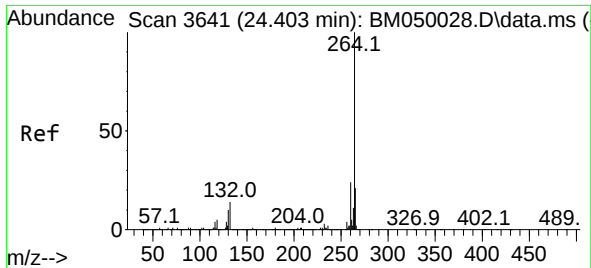
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 7.1 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.374 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BM050066.D
 Acq: 01 May 2025 16:05

Instrument :
 BNA_M
 ClientSampleId :
 SS-1

Tgt Ion:264 Resp: 1221356
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.0 17.0 25.4

