

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050220.D
 Acq On : 06 Jun 2025 18:45
 Operator : RC/JU
 Sample : Q2207-45
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-05

Quant Time: Jun 07 01:19:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	278947	20.000	ng	0.00
21) Naphthalene-d8	10.574	136	1053754	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	580974	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1052418	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1021878	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1123026	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2077013	124.208	ng	0.00
7) Phenol-d6	6.951	99	2457262	111.628	ng	0.00
23) Nitrobenzene-d5	8.933	82	1624226	80.164	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	827338	125.199	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3222591	75.096	ng	-0.01
79) Terphenyl-d14	19.774	244	4418480	81.939	ng	-0.01

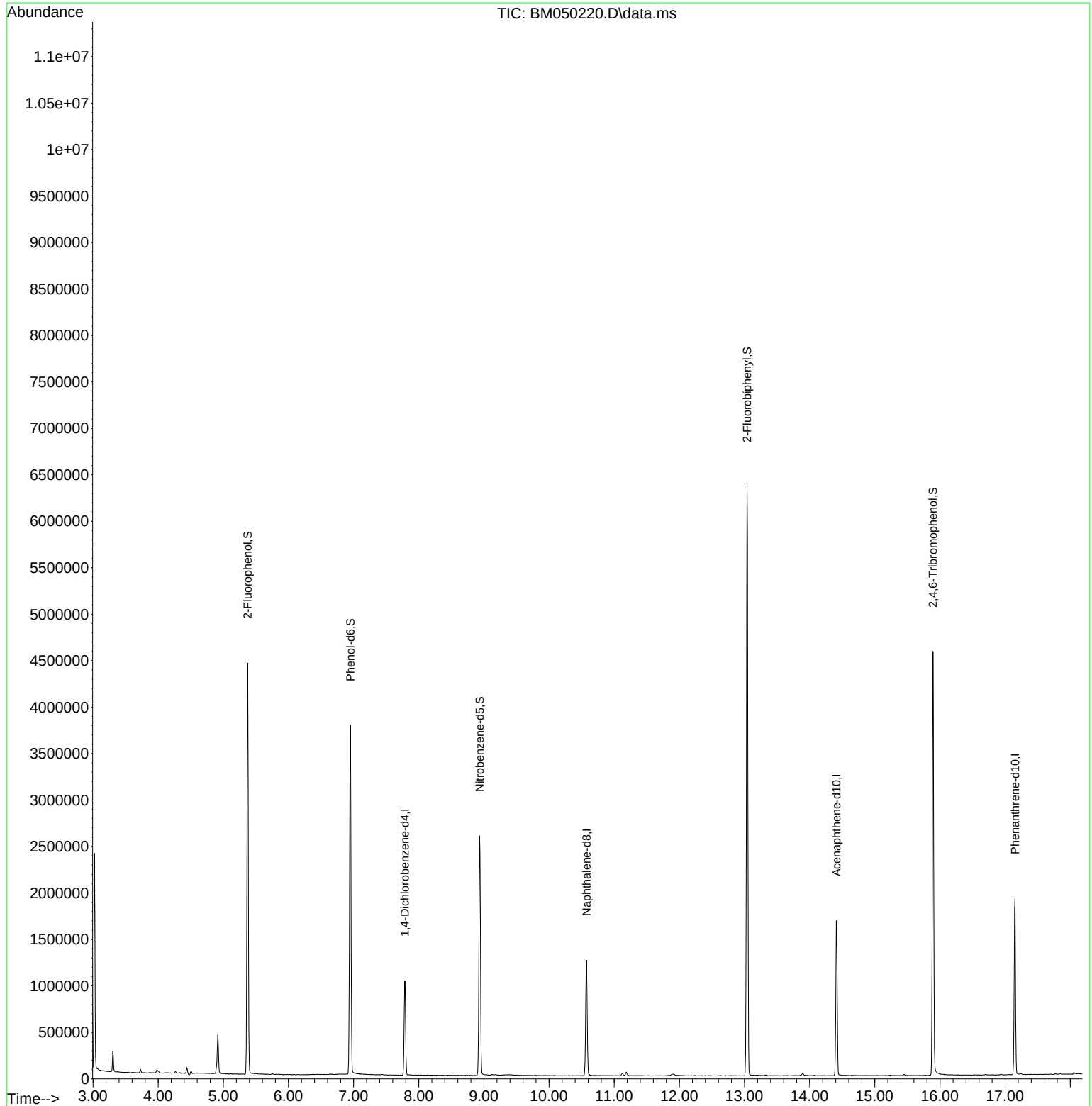
Target Compounds	Qvalue

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

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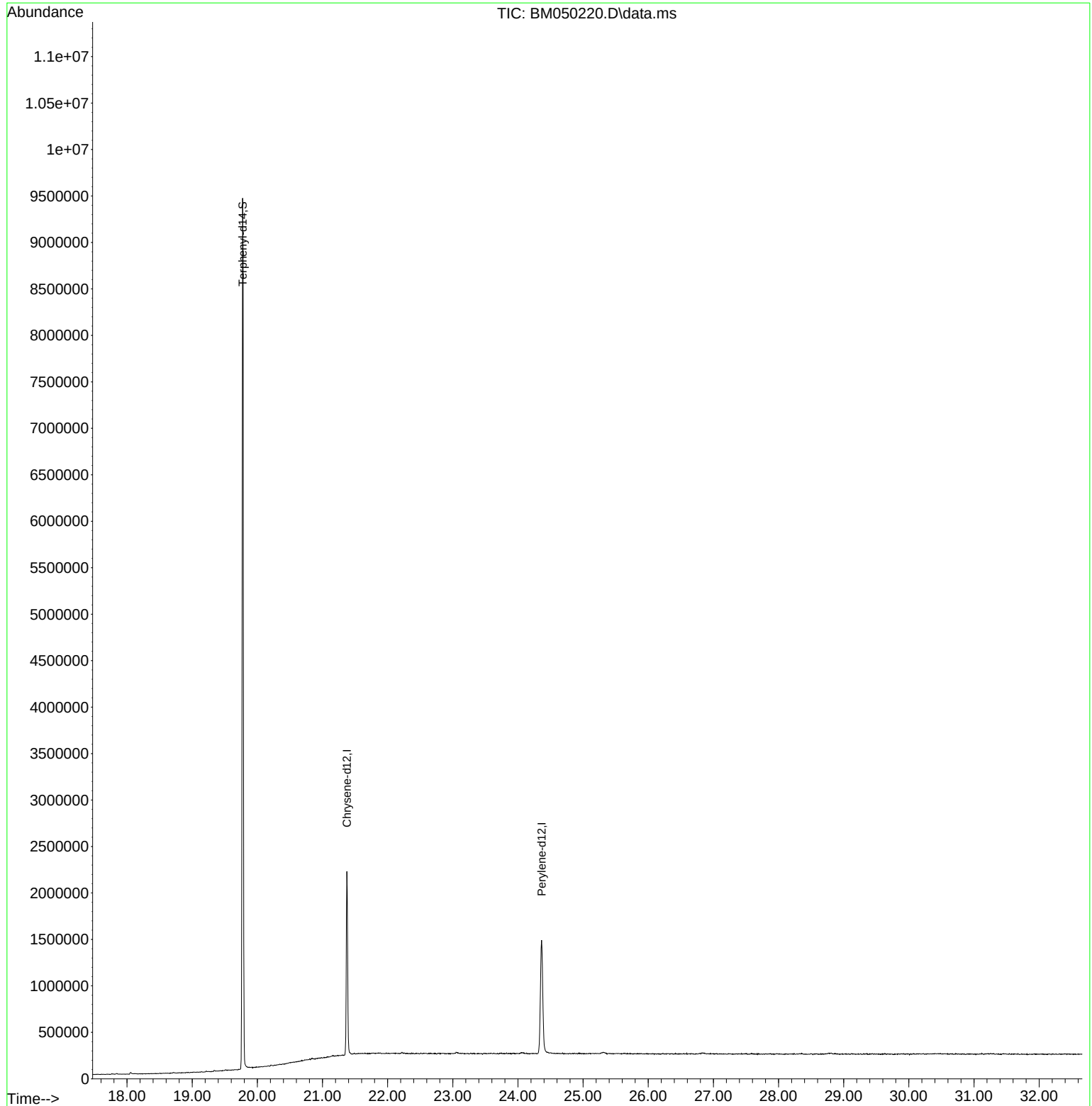
Quant Time: Jun 07 01:19:55 2025
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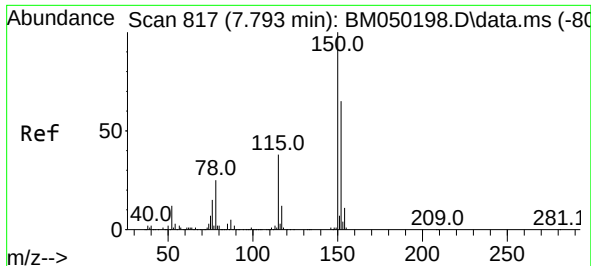


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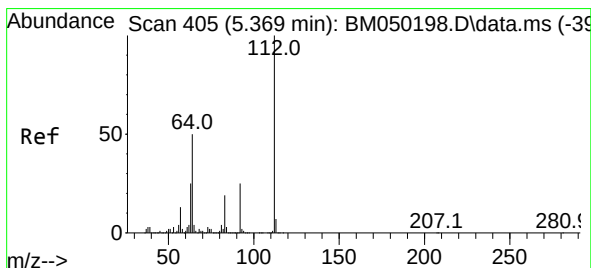
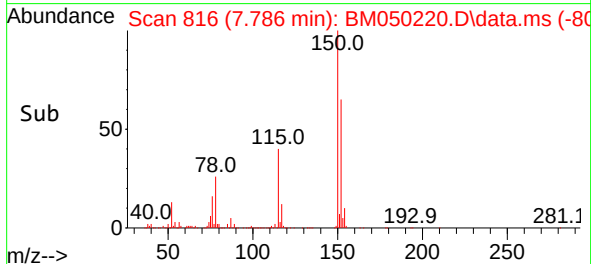
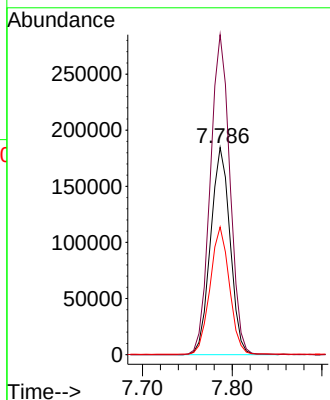
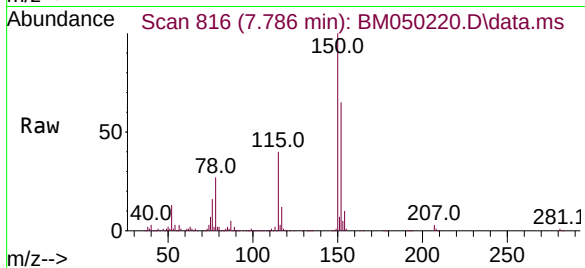




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050220.D
Acq: 06 Jun 2025 18:45

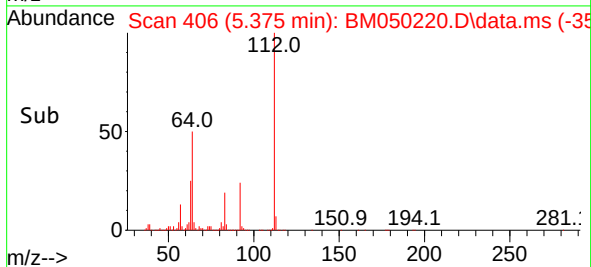
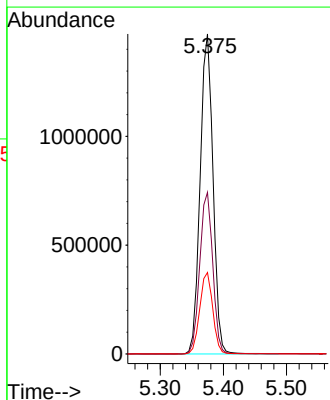
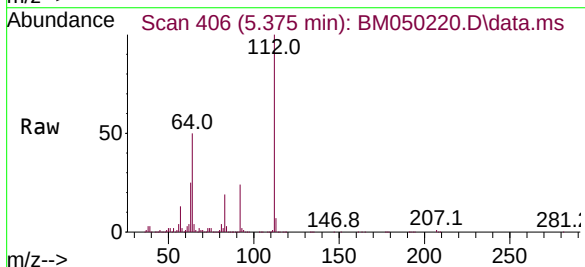
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-05

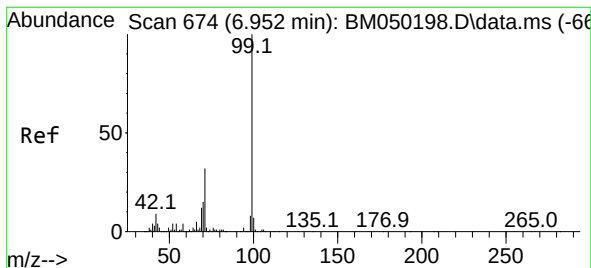
Tgt Ion:152 Resp: 278947
Ion Ratio Lower Upper
152 100
150 154.5 122.2 183.4
115 61.6 46.3 69.5



#5
2-Fluorophenol
Concen: 124.208 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050220.D
Acq: 06 Jun 2025 18:45

Tgt Ion:112 Resp: 2077013
Ion Ratio Lower Upper
112 100
64 50.5 39.8 59.6
63 25.4 19.8 29.8





#7

Phenol-d6

Concen: 111.628 ng

RT: 6.951 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM050220.D

Acq: 06 Jun 2025 18:45

Instrument :

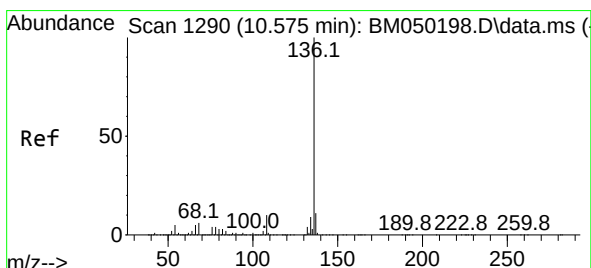
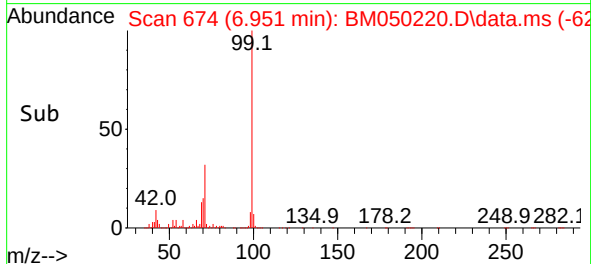
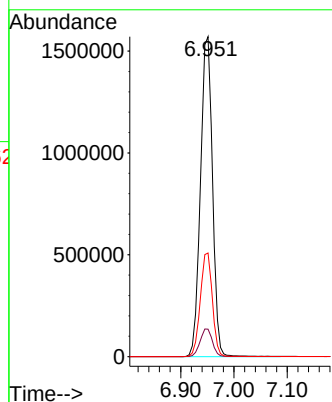
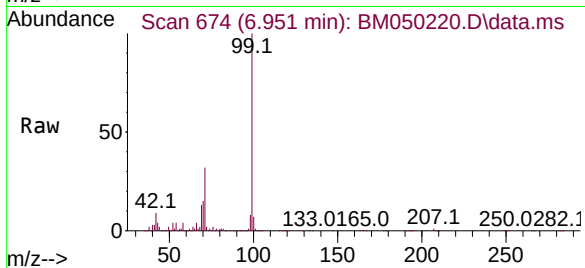
BNA_M

ClientSampleId :

BU-703-COMP-05

Tgt Ion: 99 Resp: 2457262

Ion	Ratio	Lower	Upper
99	100		
42	8.6	6.9	10.3
71	32.4	25.3	37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.574 min Scan# 1290

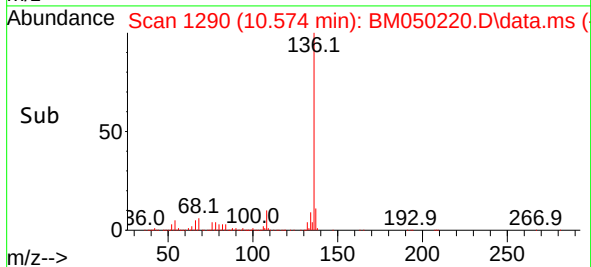
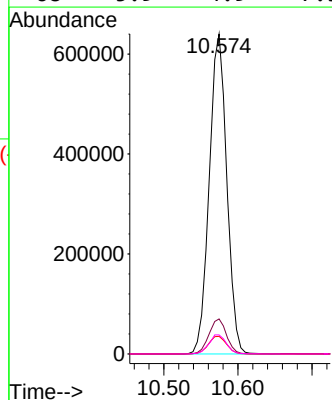
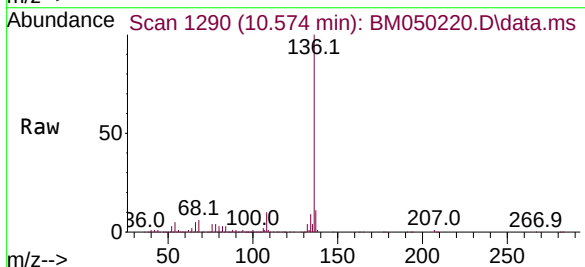
Delta R.T. -0.006 min

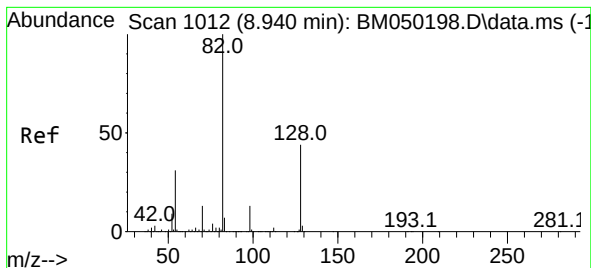
Lab File: BM050220.D

Acq: 06 Jun 2025 18:45

Tgt Ion: 136 Resp: 1053754

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.5	3.8	5.8
68	5.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 80.164 ng

RT: 8.933 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050220.D

Acq: 06 Jun 2025 18:45

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-05

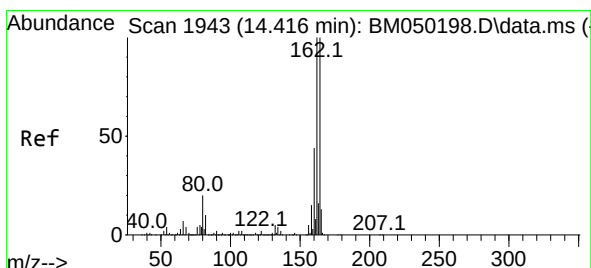
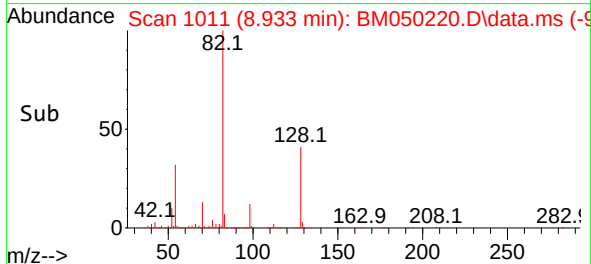
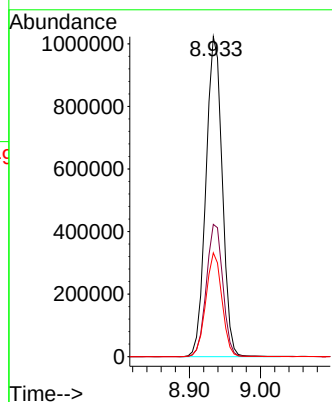
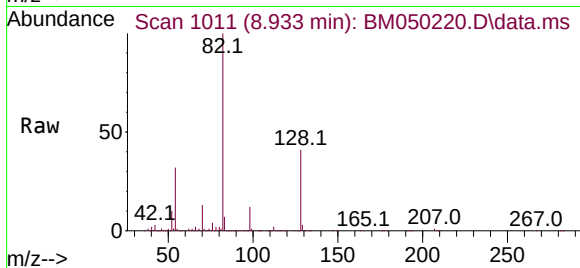
Tgt Ion: 82 Resp: 1624226

Ion Ratio Lower Upper

82 100

128 41.3 35.2 52.8

54 32.4 24.5 36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM050220.D

Acq: 06 Jun 2025 18:45

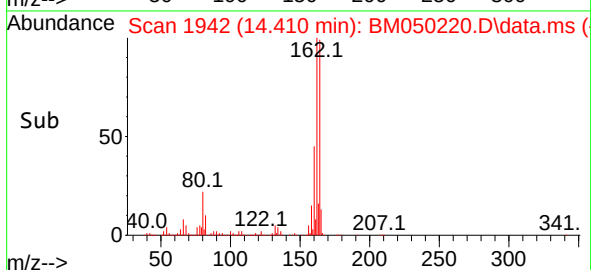
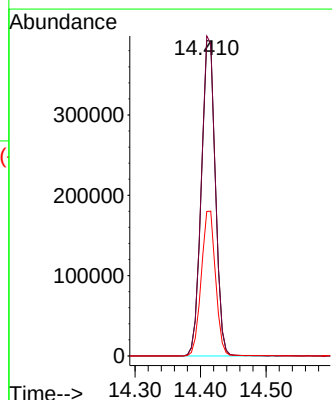
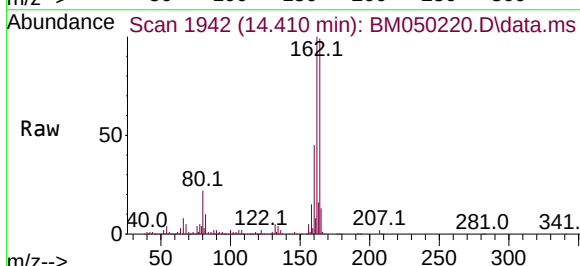
Tgt Ion:164 Resp: 580974

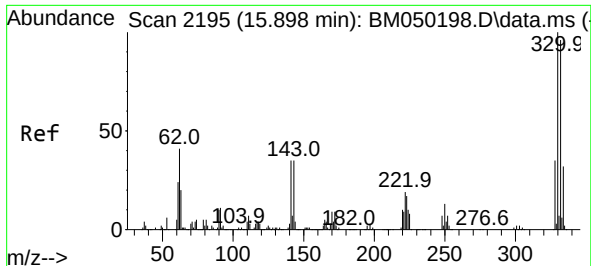
Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.4

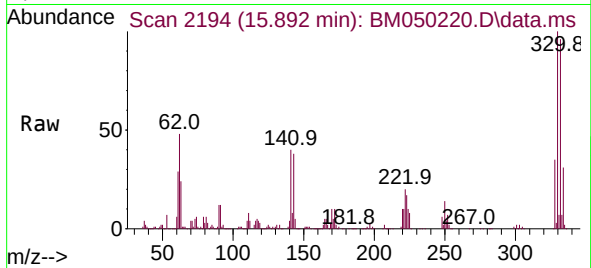
160 45.8 35.7 53.5



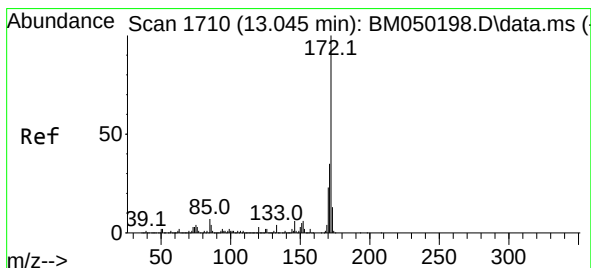
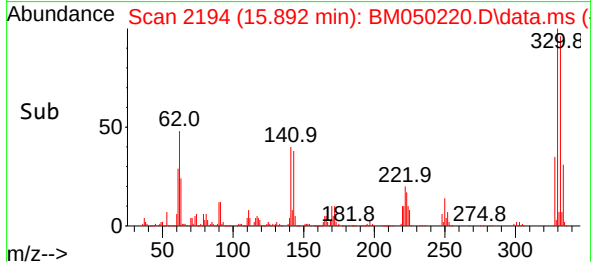
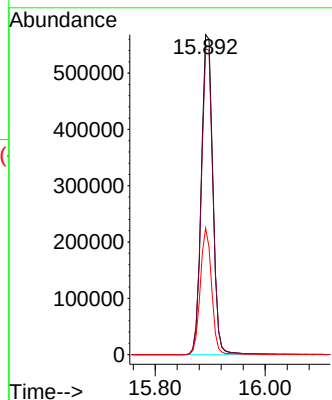


#42
2,4,6-Tribromophenol
Concen: 125.199 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050220.D
Acq: 06 Jun 2025 18:45

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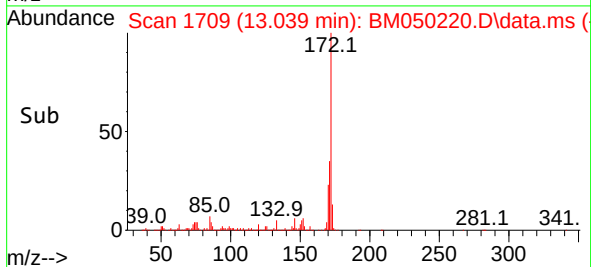
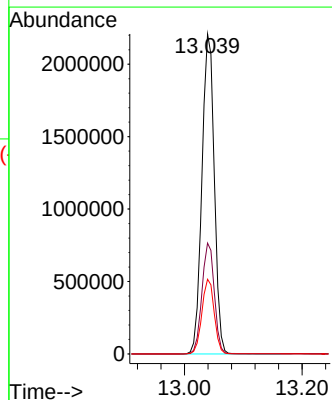
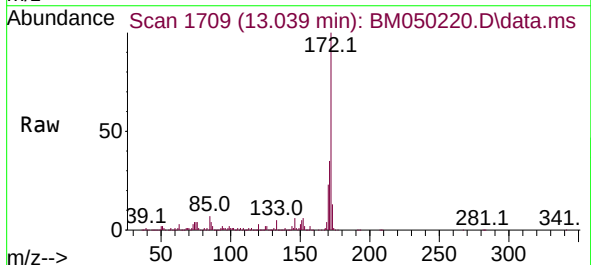


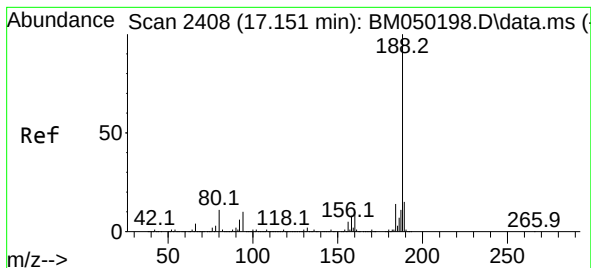
Tgt Ion:330 Resp: 827338
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 38.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 75.096 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050220.D
Acq: 06 Jun 2025 18:45

Tgt Ion:172 Resp: 3222591
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050220.D

Acq: 06 Jun 2025 18:45

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-05

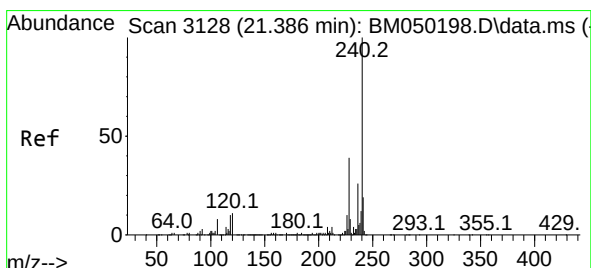
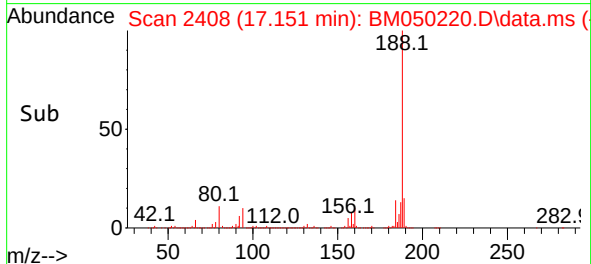
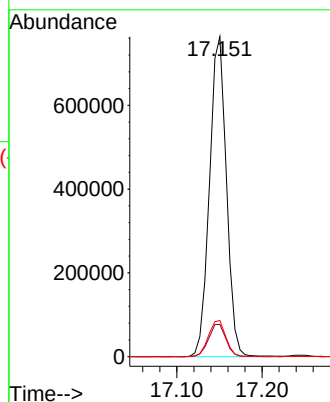
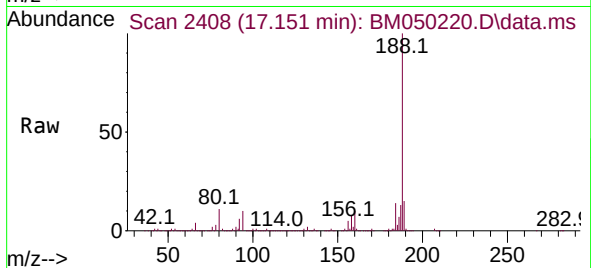
Tgt Ion:188 Resp: 1052418

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 11.3 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BM050220.D

Acq: 06 Jun 2025 18:45

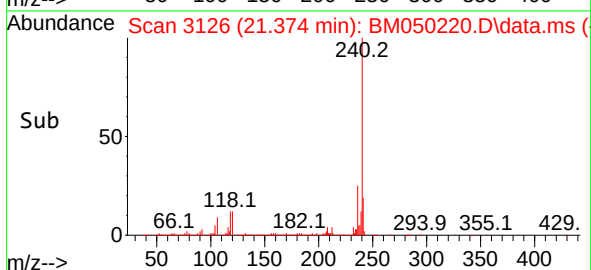
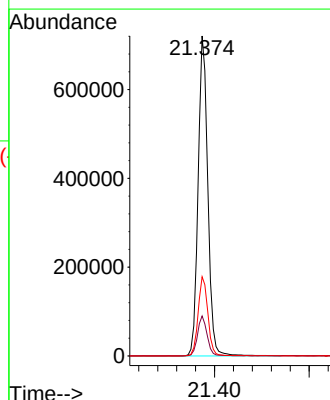
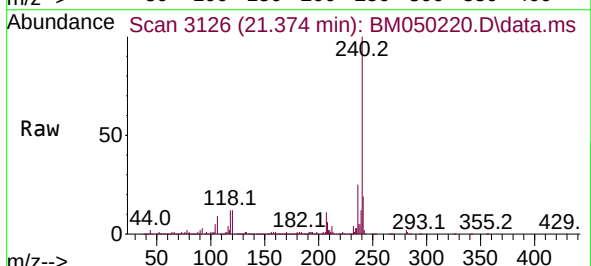
Tgt Ion:240 Resp: 1021878

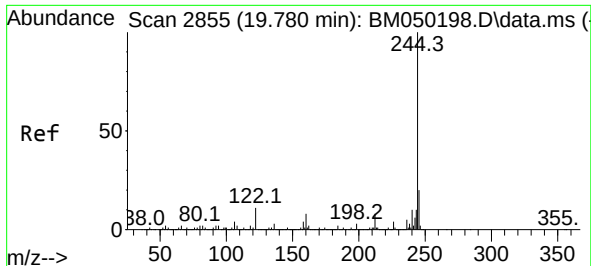
Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.4

236 24.7 20.7 31.1

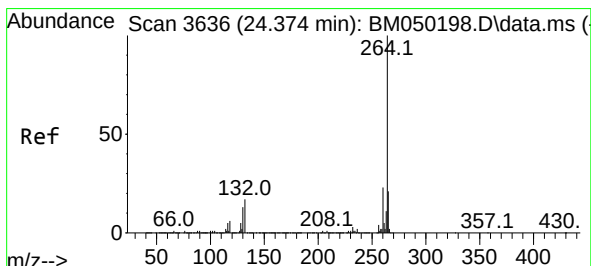
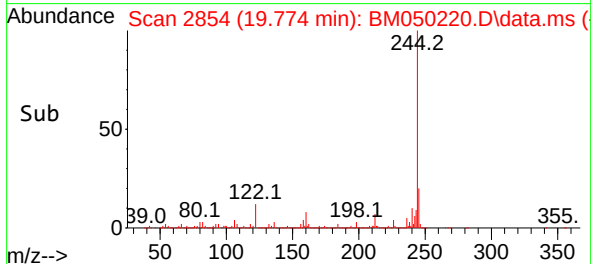
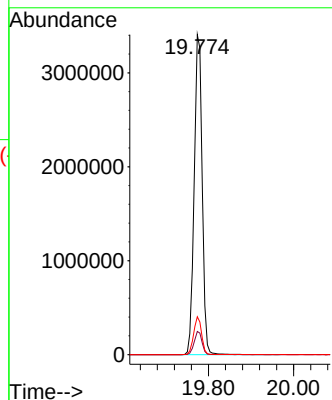
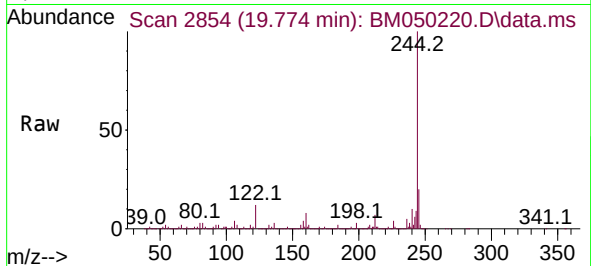




#79
 Terphenyl-d14
 Concen: 81.939 ng
 RT: 19.774 min Scan# 2855
 Delta R.T. -0.012 min
 Lab File: BM050220.D
 Acq: 06 Jun 2025 18:45

Instrument :
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 BU-703-COMP-05

Tgt Ion:244 Resp: 4418480
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.362 min Scan# 3634
 Delta R.T. -0.012 min
 Lab File: BM050220.D
 Acq: 06 Jun 2025 18:45

Tgt Ion:264 Resp: 1123026
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.5 16.8 25.2

