

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050207.D
 Acq On : 06 Jun 2025 10:08
 Operator : RC/JU
 Sample : PB168269BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168269BL

Quant Time: Jun 06 10:53:13 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	7.787	152	307416	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1142669	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	634427	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1133741	20.000	ng	0.00
76) Chrysene-d12	21.380	240	982238	20.000	ng	0.00
86) Perylene-d12	24.368	264	1022855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2527466	137.149	ng	0.00
7) Phenol-d6	6.951	99	3136982	129.309	ng	0.00
23) Nitrobenzene-d5	8.934	82	1832446	83.403	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	906461	125.615	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3884866	82.902	ng	-0.01
79) Terphenyl-d14	19.780	244	4336326	83.660	ng	0.00

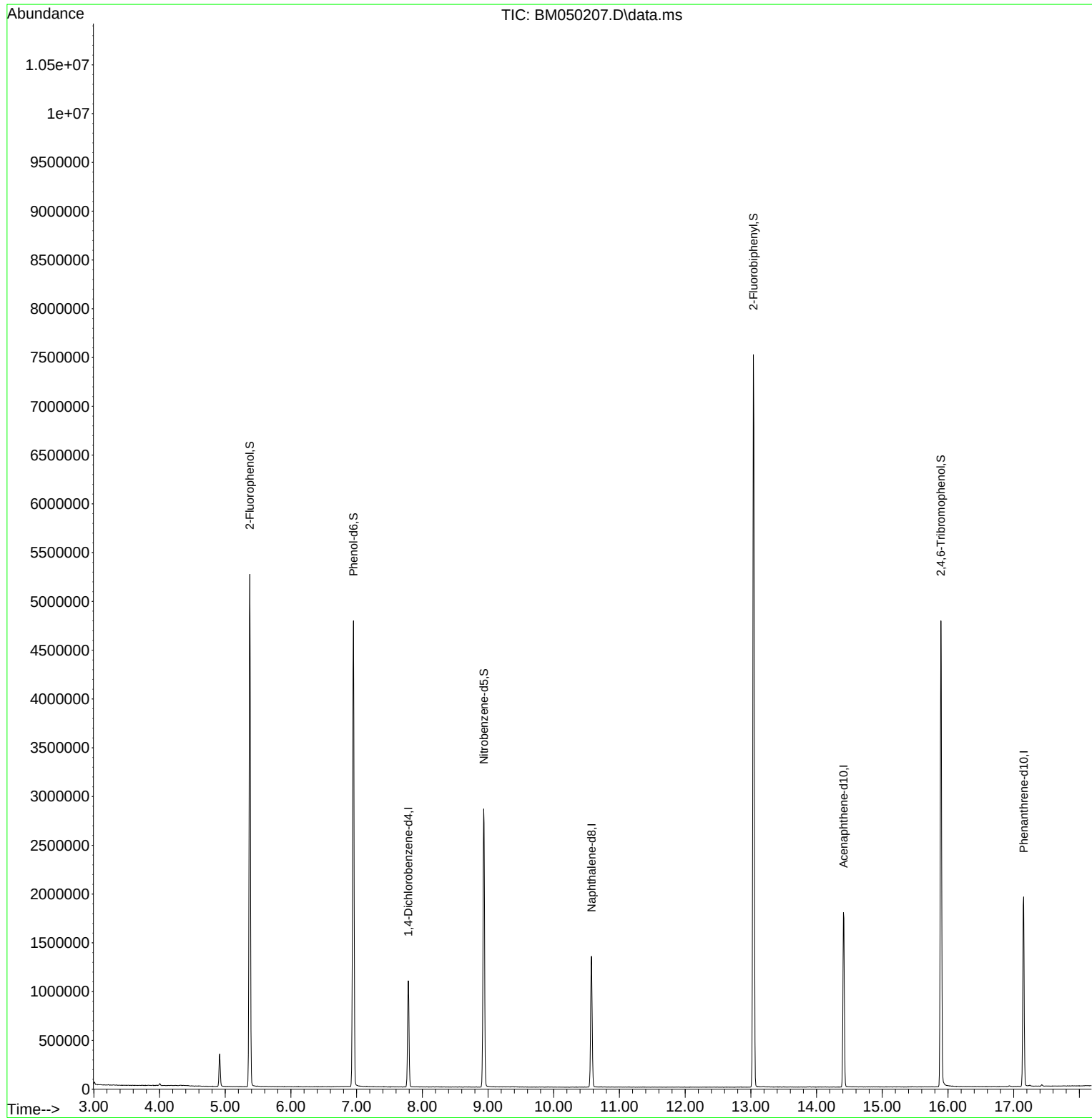
Target Compounds	Qvalue

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

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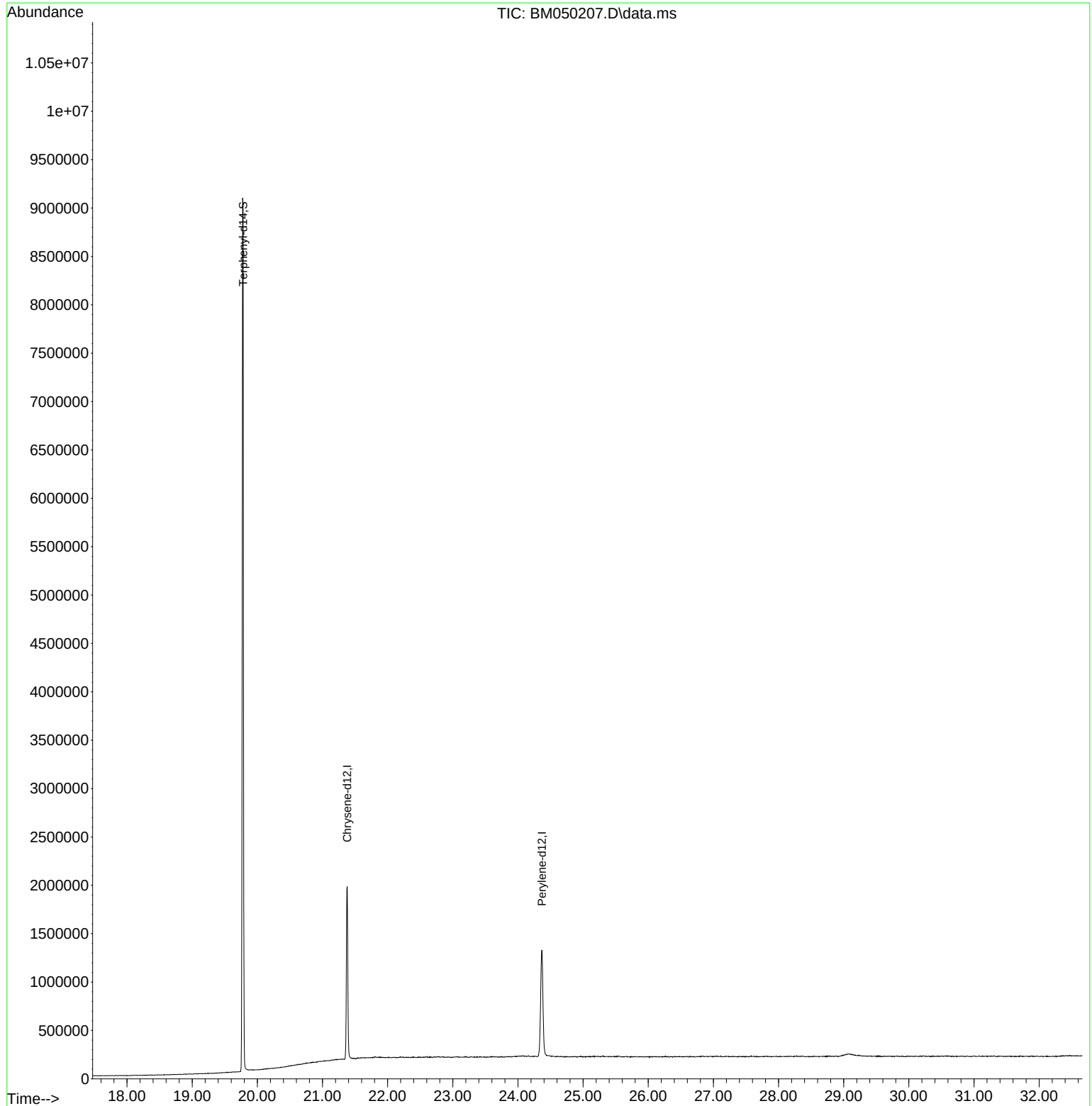
Quant Time: Jun 06 10:53:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
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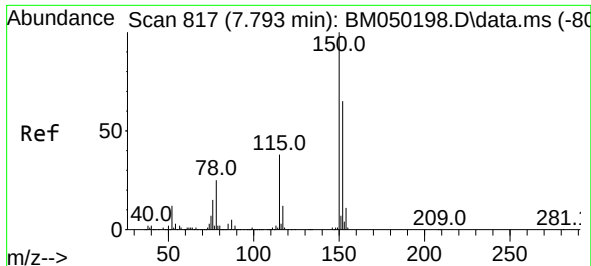


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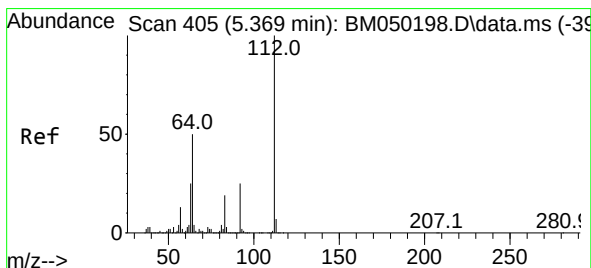
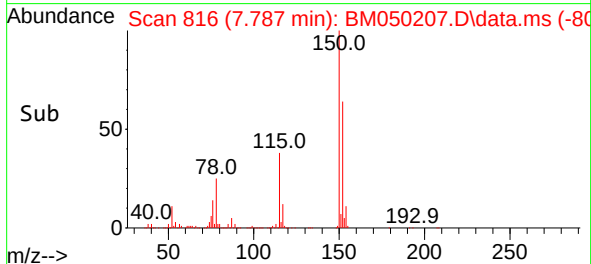
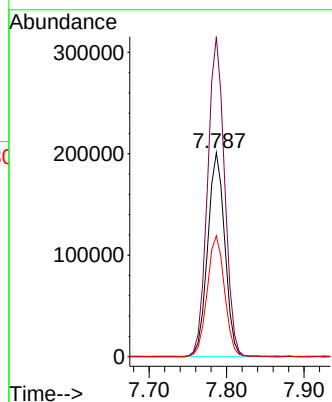
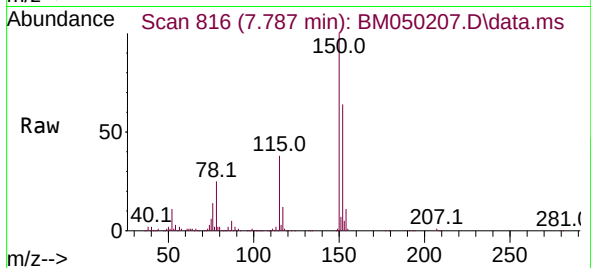




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

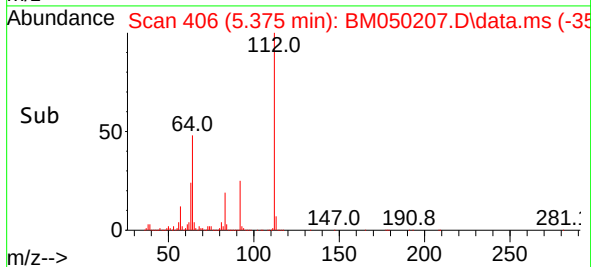
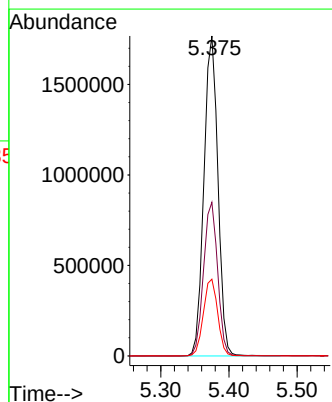
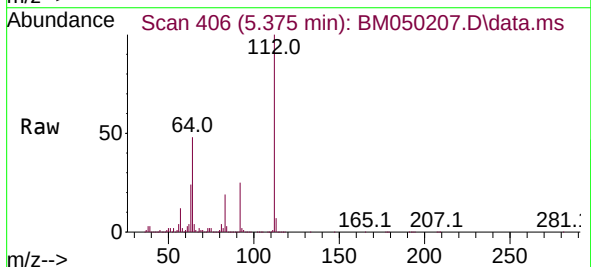
Instrument :
BNA_M
ClientSampleId :
PB168269BL

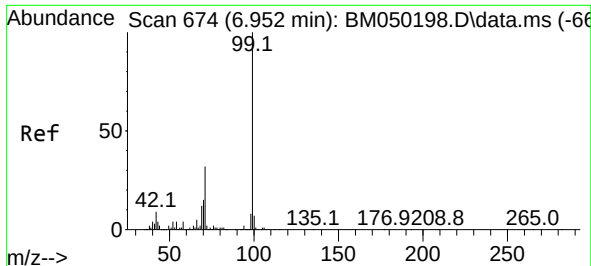
Tgt Ion:152 Resp: 307416
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.4
115 59.3 46.3 69.5



#5
2-Fluorophenol
Concen: 137.149 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:112 Resp: 2527466
Ion Ratio Lower Upper
112 100
64 48.0 39.8 59.6
63 24.0 19.8 29.8

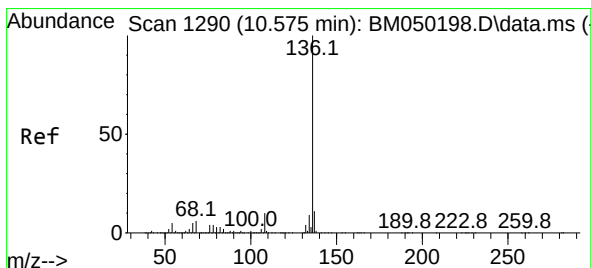
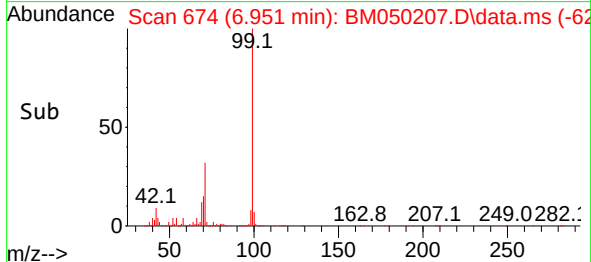
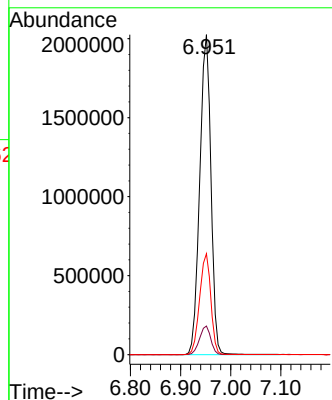
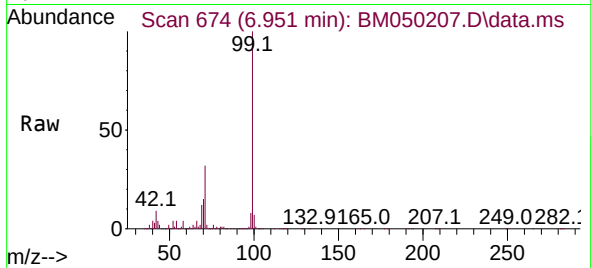




#7
Phenol-d6
Concen: 129.309 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

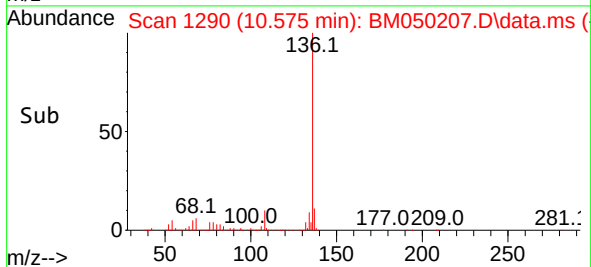
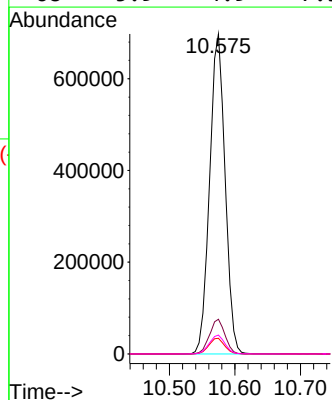
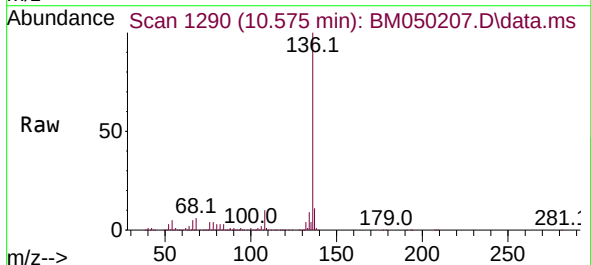
Instrument :
BNA_M
ClientSampleId :
PB168269BL

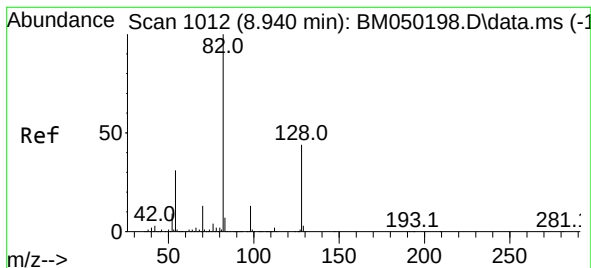
Tgt Ion: 99 Resp: 3136982
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 31.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion: 136 Resp: 1142669
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 83.403 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050207.D

Acq: 06 Jun 2025 10:08

Instrument :

BNA_M

ClientSampleId :

PB168269BL

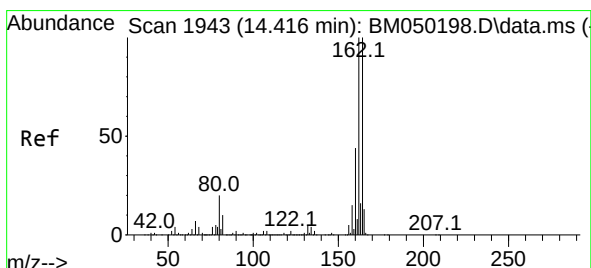
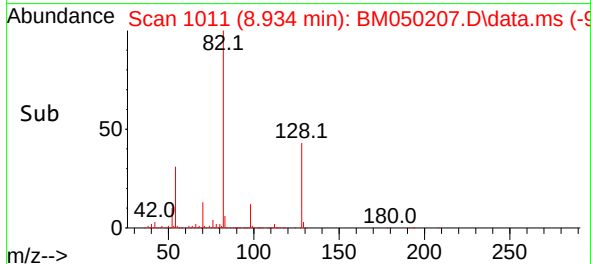
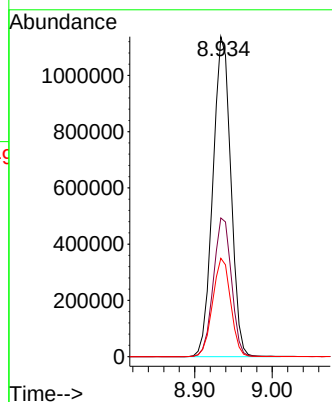
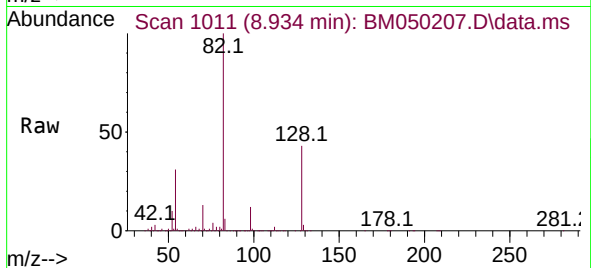
Tgt Ion: 82 Resp: 1832446

Ion Ratio Lower Upper

82 100

128 43.3 35.2 52.8

54 30.7 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: BM050207.D

Acq: 06 Jun 2025 10:08

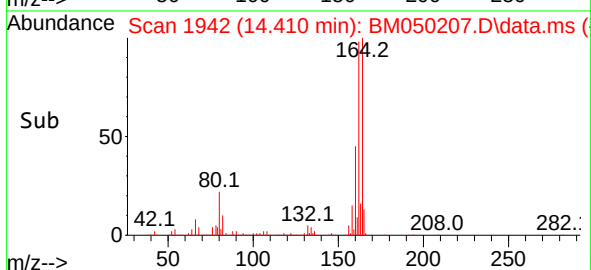
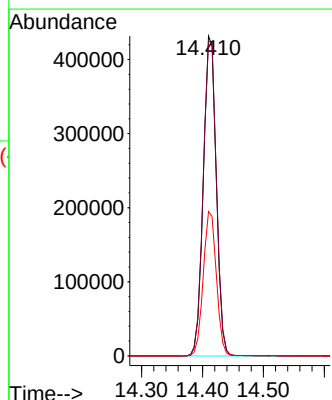
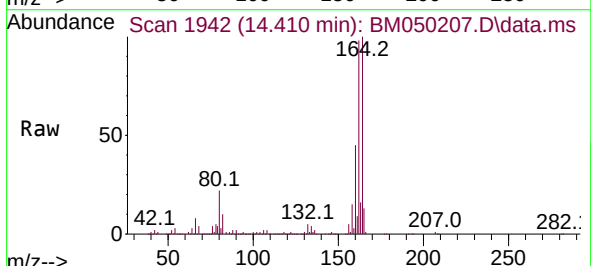
Tgt Ion:164 Resp: 634427

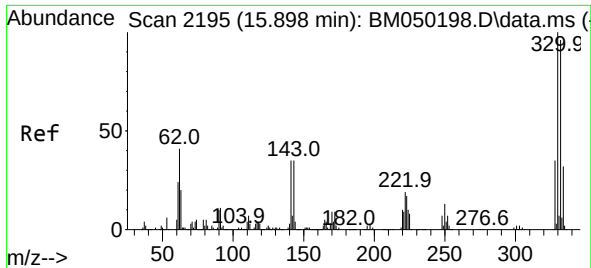
Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.4

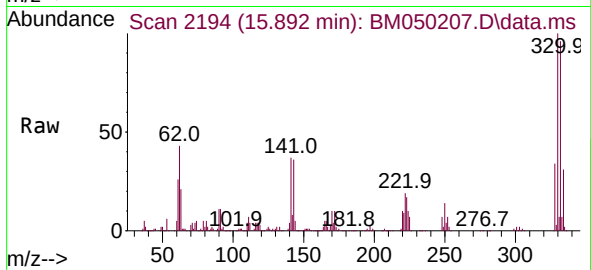
160 45.1 35.7 53.5



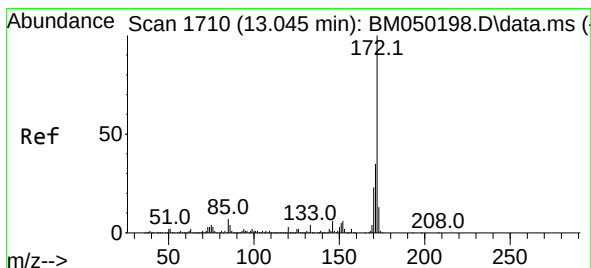
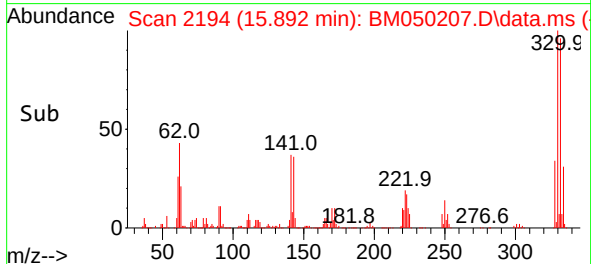
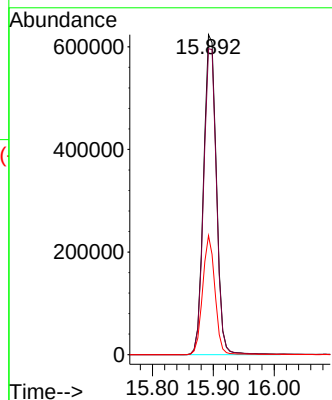


#42
2,4,6-Tribromophenol
Concen: 125.615 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Instrument :
BNA_M
ClientSampleId :
PB168269BL

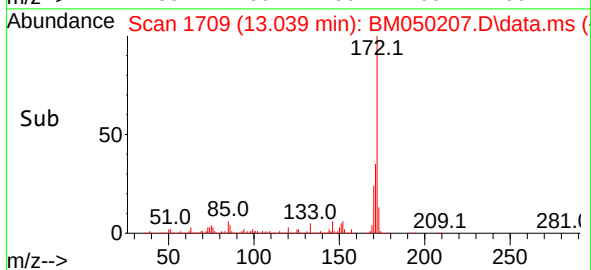
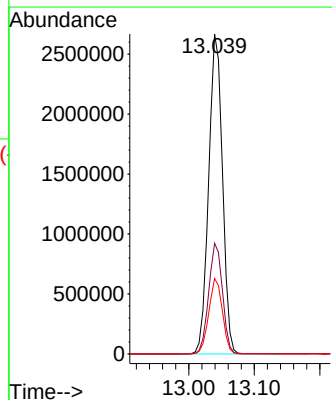
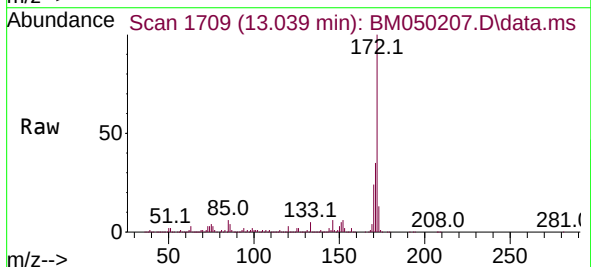


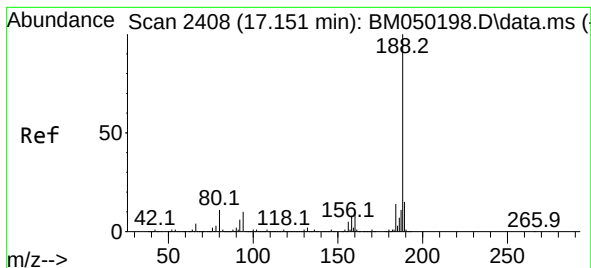
Tgt Ion:330 Resp: 906461
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 35.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 82.902 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:172 Resp: 3884866
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.6 18.6 27.8

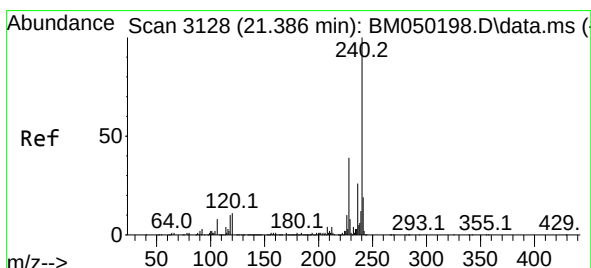
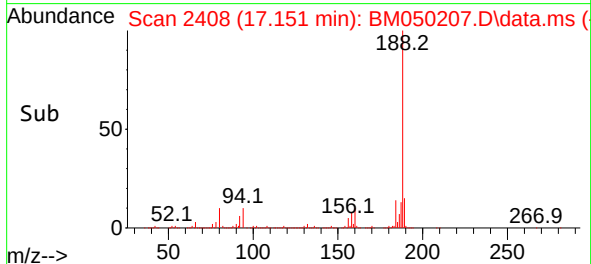
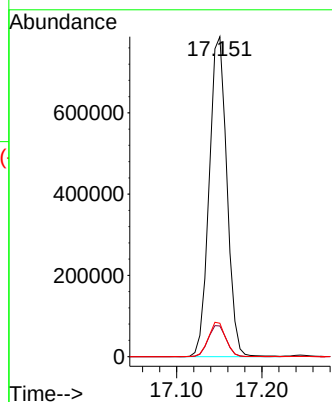
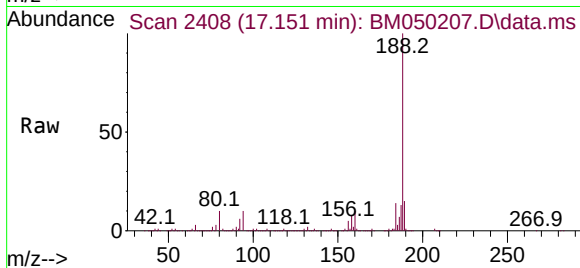




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

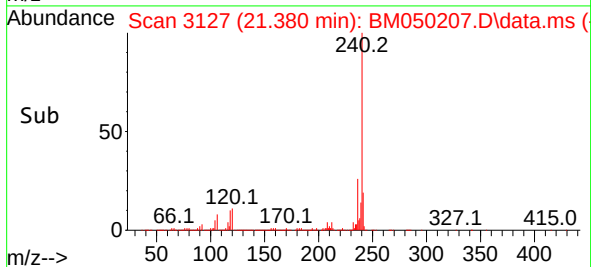
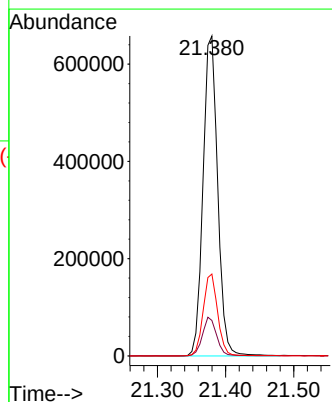
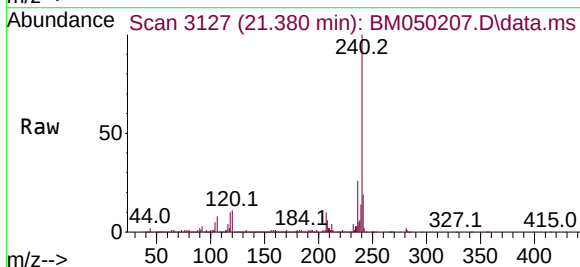
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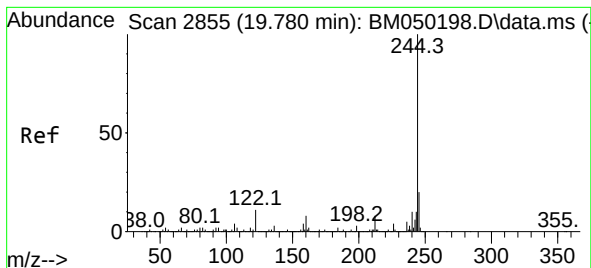
Tgt Ion:188 Resp: 1133741
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050207.D
Acq: 06 Jun 2025 10:08

Tgt Ion:240 Resp: 982238
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 83.660 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050207.D

Acq: 06 Jun 2025 10:08

Instrument :

BNA_M

ClientSampleId :

PB168269BL

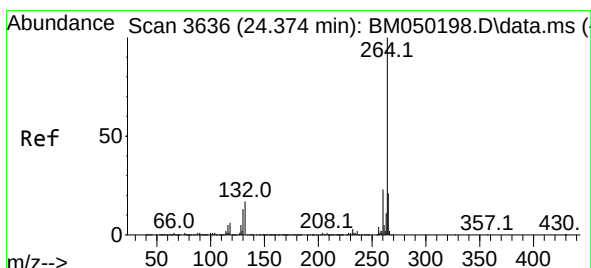
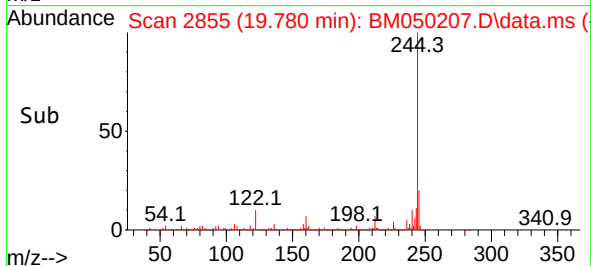
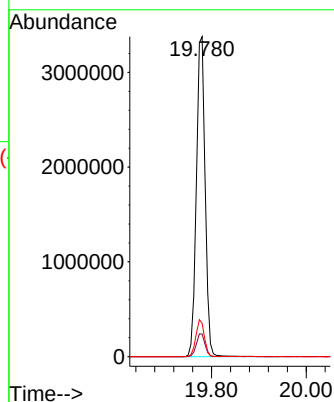
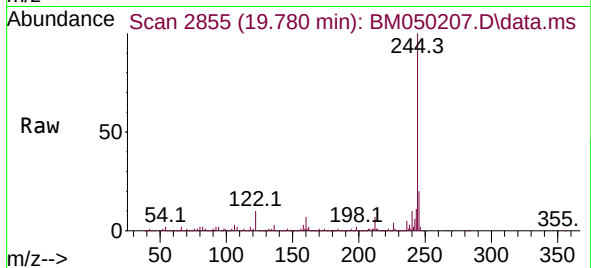
Tgt Ion:244 Resp: 4336326

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.368 min Scan# 3635

Delta R.T. -0.006 min

Lab File: BM050207.D

Acq: 06 Jun 2025 10:08

Tgt Ion:264 Resp: 1022855

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.0 16.8 25.2

