

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050227.D
 Acq On : 07 Jun 2025 00:02
 Operator : RC/JU
 Sample : Q2208-27
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-08

Quant Time: Jun 07 01:22:17 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	326852	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1244270	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	683812	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1267880	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1247554	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1282379	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2629953	134.224	ng	0.00
7) Phenol-d6	6.951	99	3239510	125.595	ng	0.00
23) Nitrobenzene-d5	8.933	82	1939072	81.050	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	998907	128.429	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3874738	76.714	ng	-0.01
79) Terphenyl-d14	19.774	244	5303789	80.564	ng	-0.01

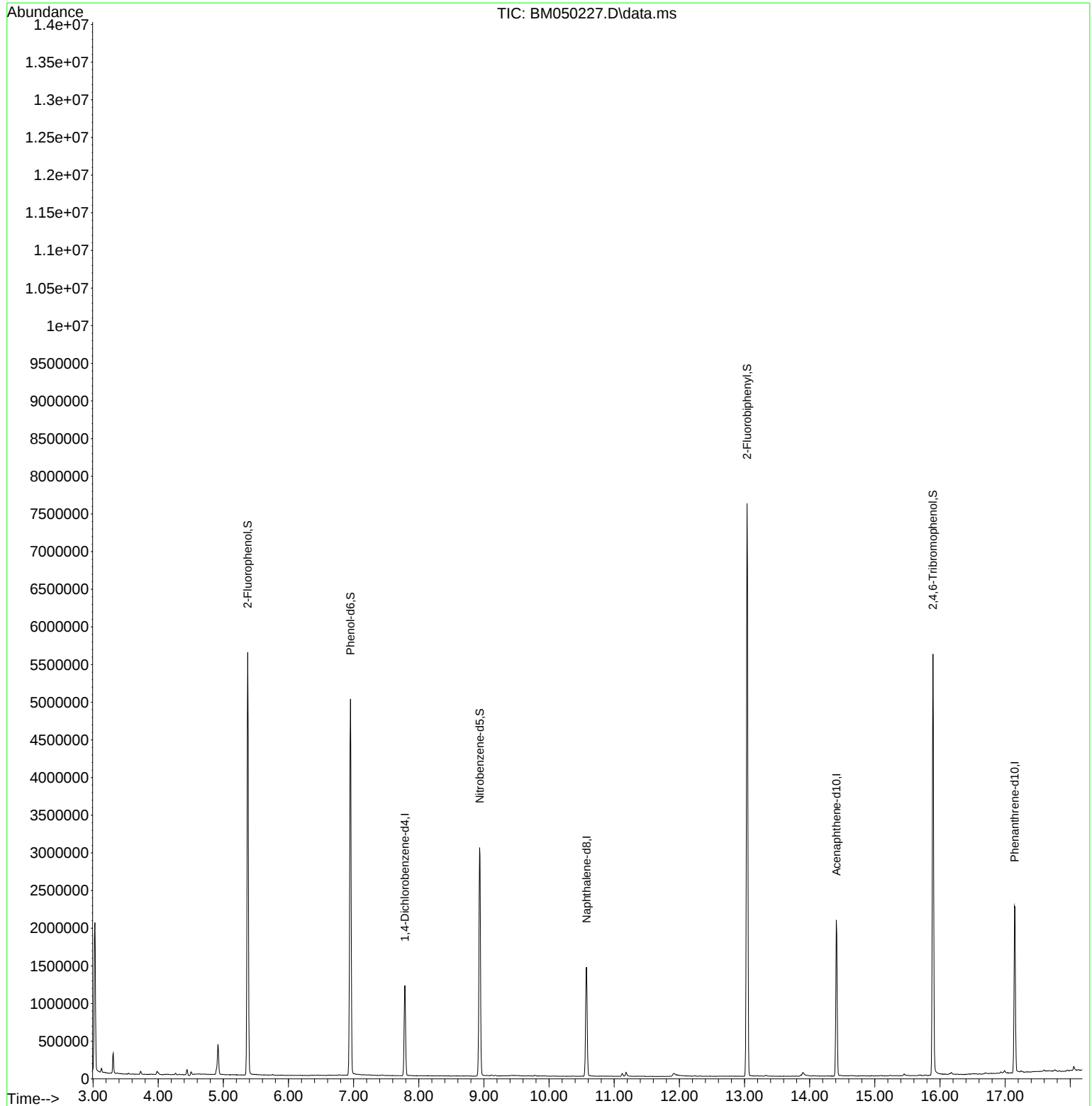
Target Compounds	Qvalue

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

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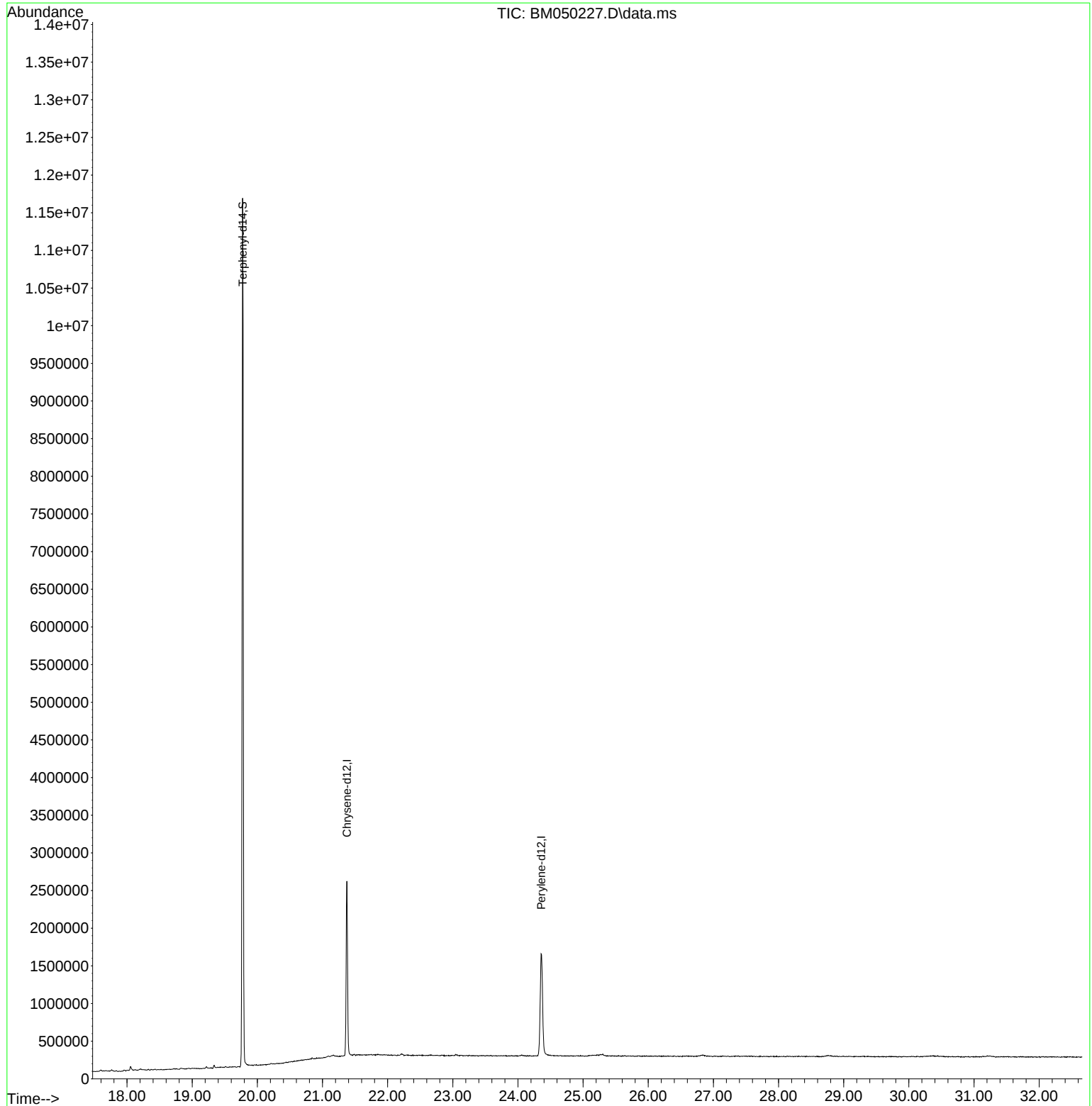
Quant Time: Jun 07 01:22:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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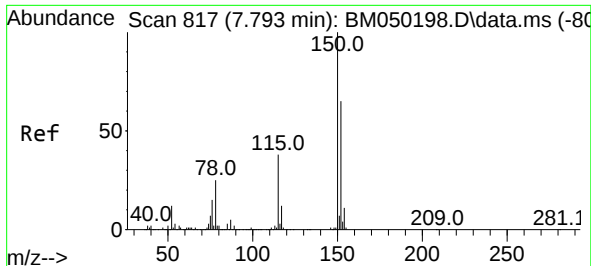


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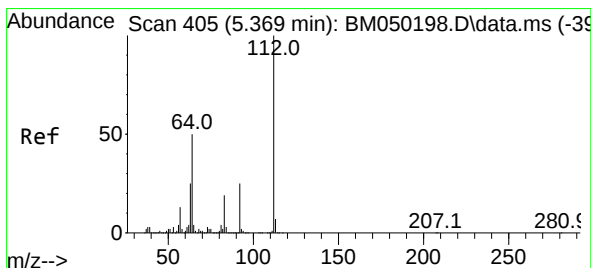
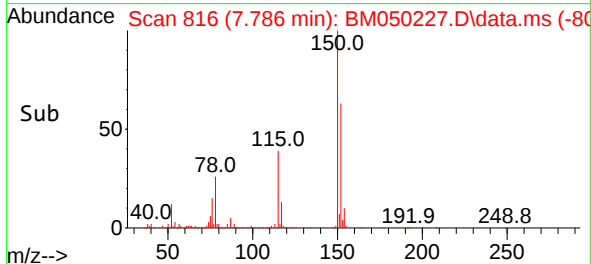
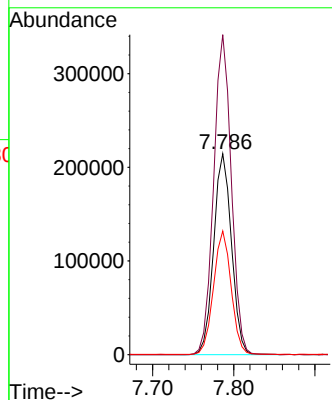
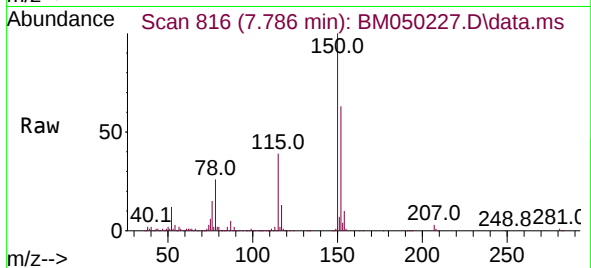




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 817
Delta R.T. -0.007 min
Lab File: BM050227.D
Acq: 07 Jun 2025 00:02

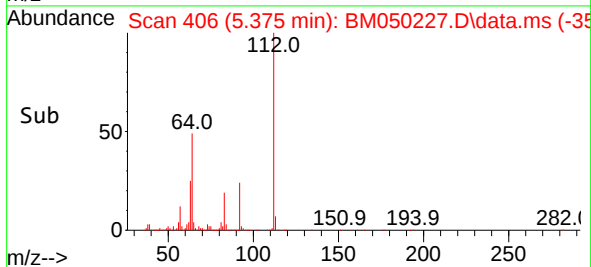
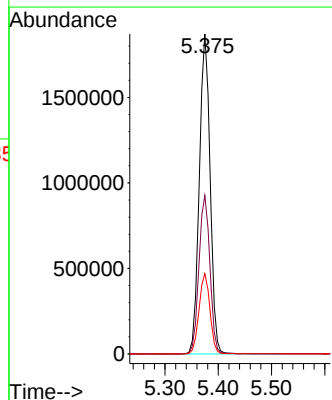
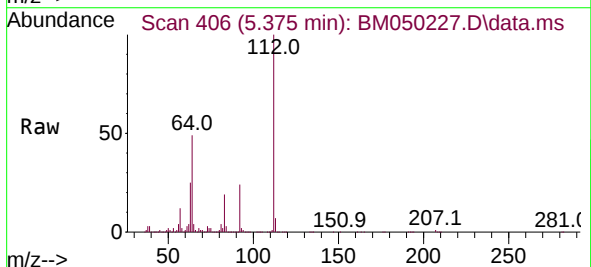
Instrument :
BNA_M
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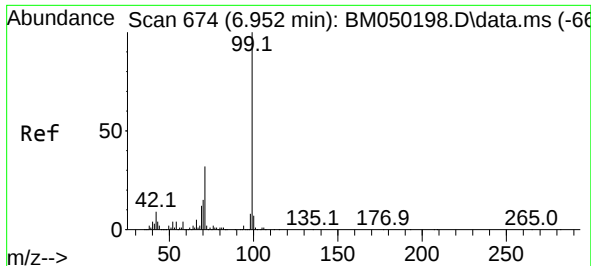
Tgt Ion:152 Resp: 326852
Ion Ratio Lower Upper
152 100
150 159.3 122.2 183.4
115 61.6 46.3 69.5



#5
2-Fluorophenol
Concen: 134.224 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050227.D
Acq: 07 Jun 2025 00:02

Tgt Ion:112 Resp: 2629953
Ion Ratio Lower Upper
112 100
64 49.5 39.8 59.6
63 25.1 19.8 29.8

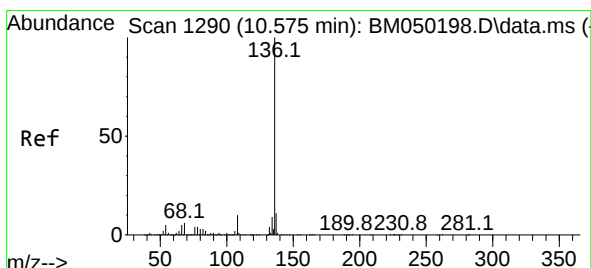
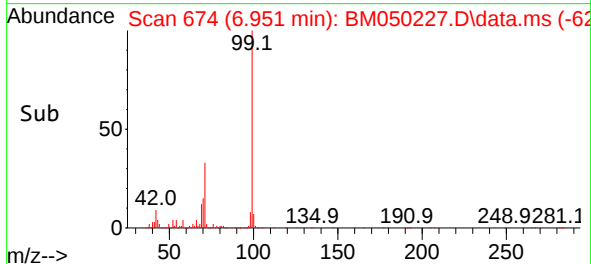
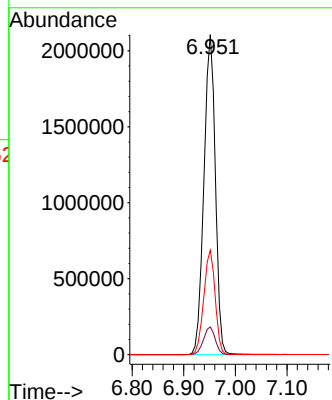
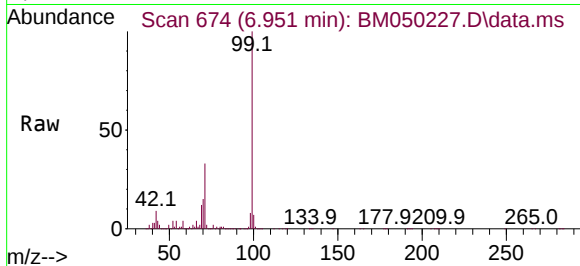




#7
Phenol-d6
Concen: 125.595 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050227.D
Acq: 07 Jun 2025 00:02

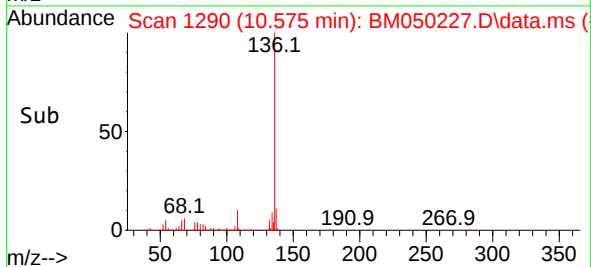
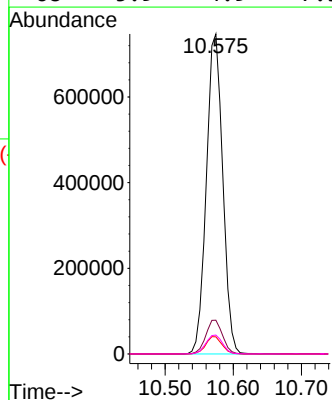
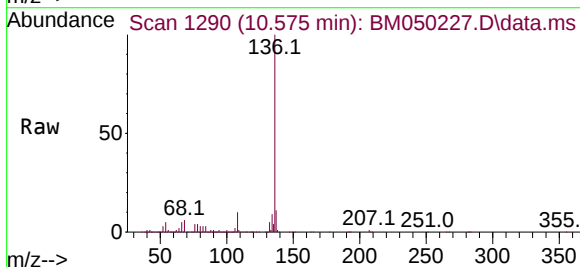
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-08

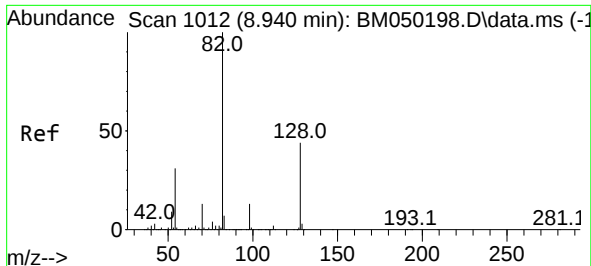
Tgt Ion: 99 Resp: 3239510
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050227.D
Acq: 07 Jun 2025 00:02

Tgt Ion:136 Resp: 1244270
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.3 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.050 ng

RT: 8.933 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050227.D

Acq: 07 Jun 2025 00:02

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-08

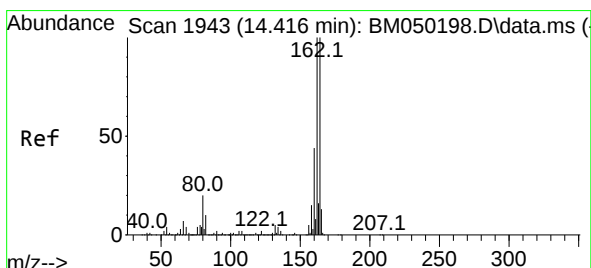
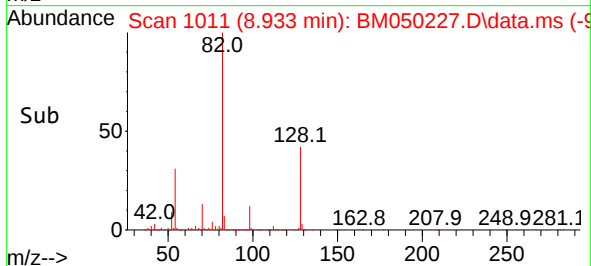
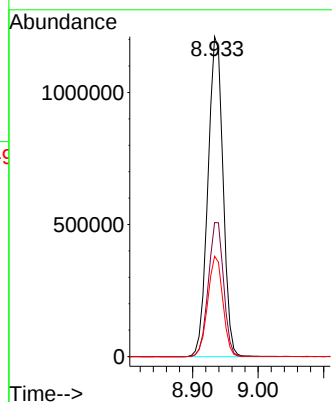
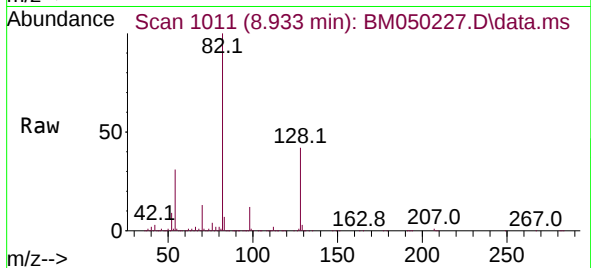
Tgt Ion: 82 Resp: 1939072

Ion Ratio Lower Upper

82 100

128 41.9 35.2 52.8

54 31.4 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: BM050227.D

Acq: 07 Jun 2025 00:02

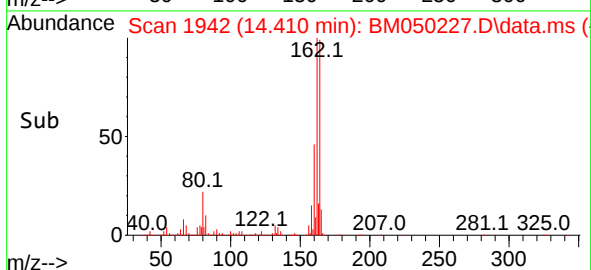
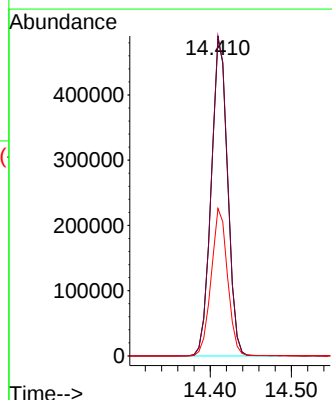
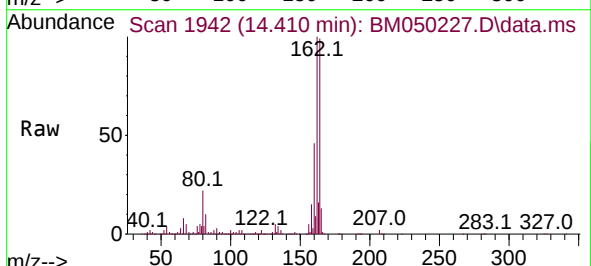
Tgt Ion:164 Resp: 683812

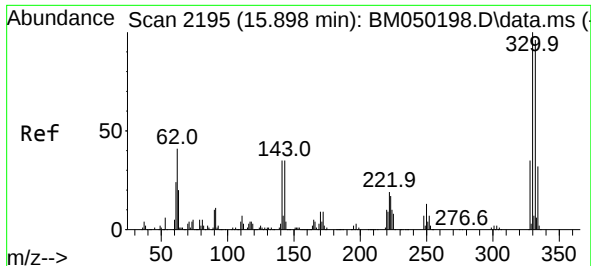
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

160 46.5 35.7 53.5

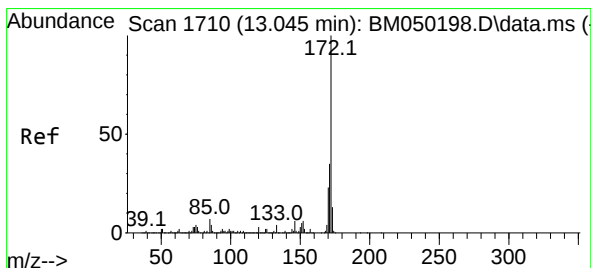
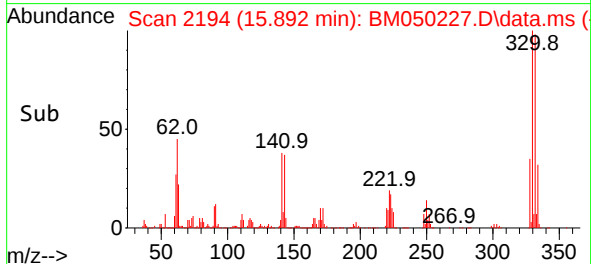
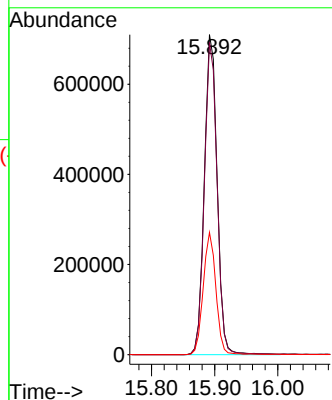
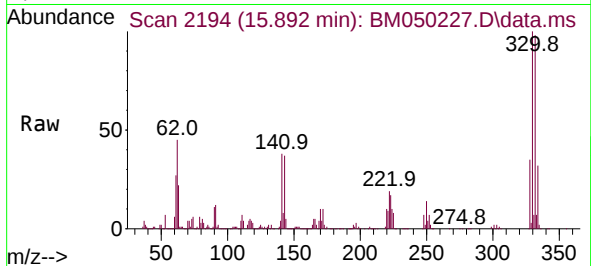




#42
2,4,6-Tribromophenol
Concen: 128.429 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050227.D
Acq: 07 Jun 2025 00:02

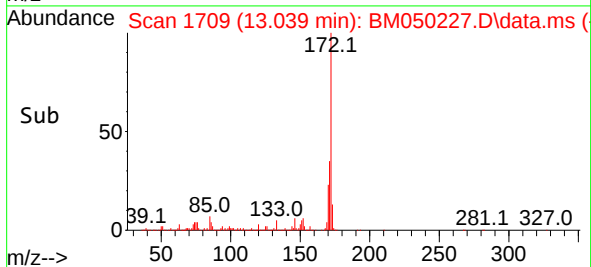
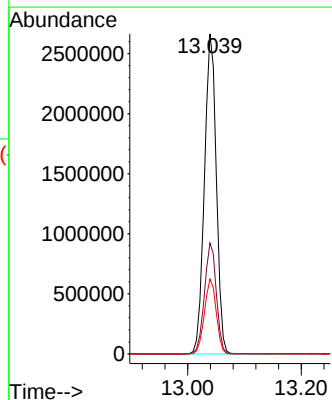
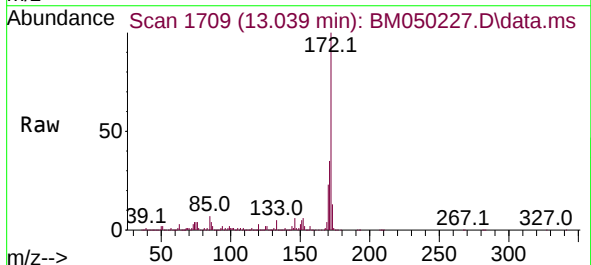
Instrument :
BNA_M
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BU-703-COMP-08

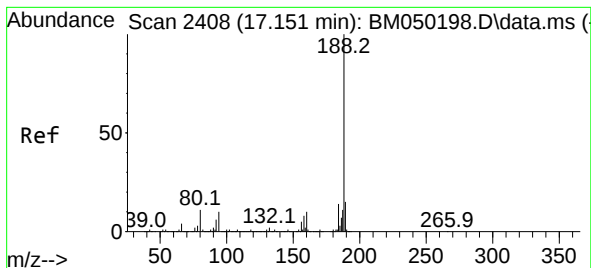
Tgt Ion:330 Resp: 998907
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 37.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 76.714 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050227.D
Acq: 07 Jun 2025 00:02

Tgt Ion:172 Resp: 3874738
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050227.D

Acq: 07 Jun 2025 00:02

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-08

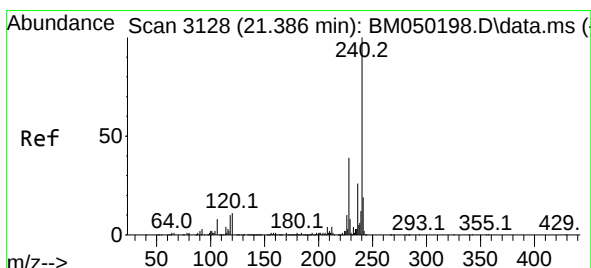
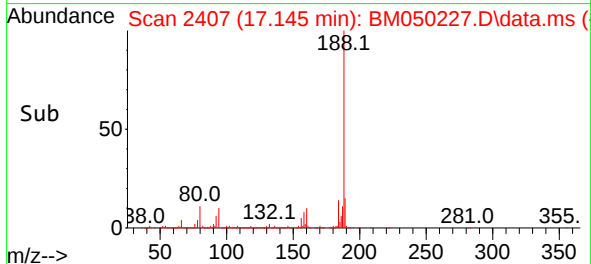
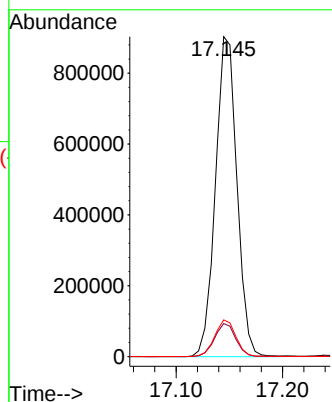
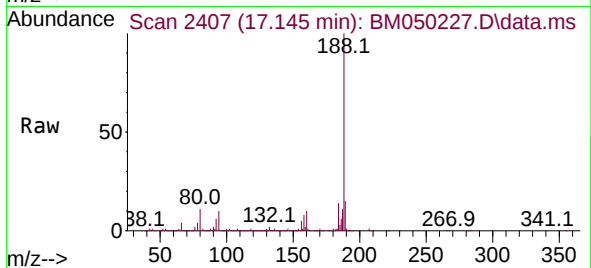
Tgt Ion:188 Resp: 1267880

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.5 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: BM050227.D

Acq: 07 Jun 2025 00:02

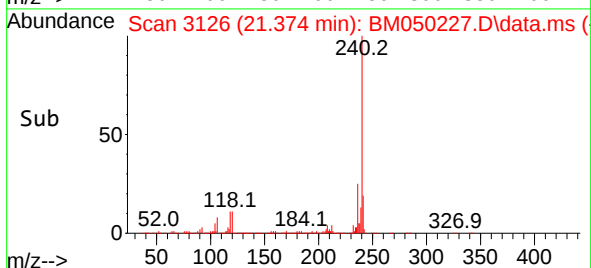
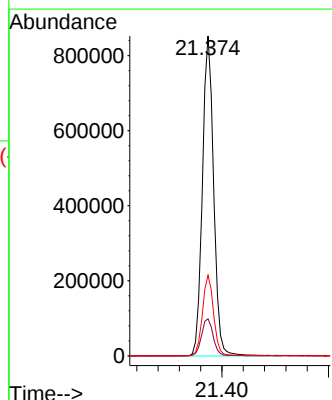
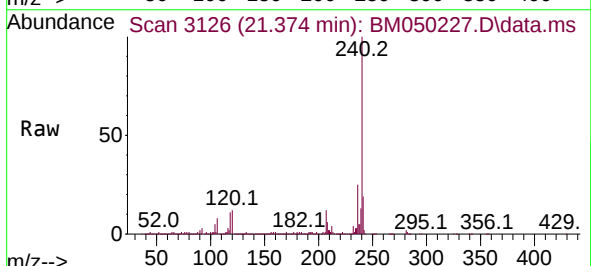
Tgt Ion:240 Resp: 1247554

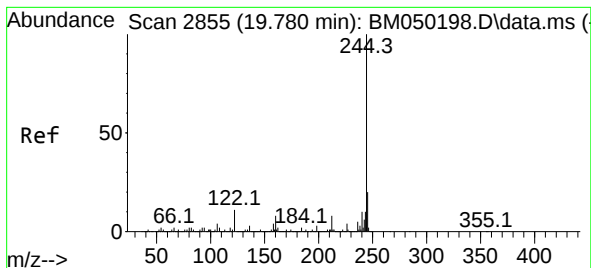
Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 80.564 ng

RT: 19.774 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BM050227.D

Acq: 07 Jun 2025 00:02

Instrument :

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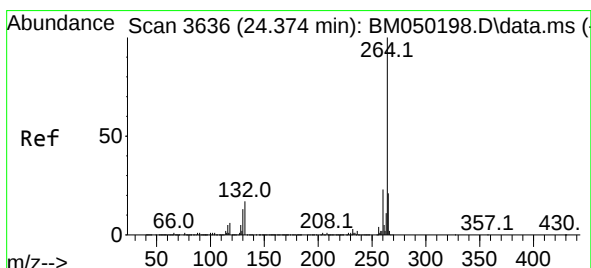
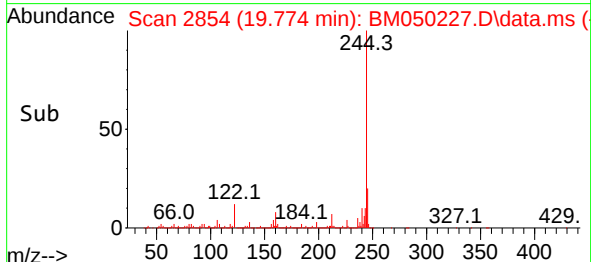
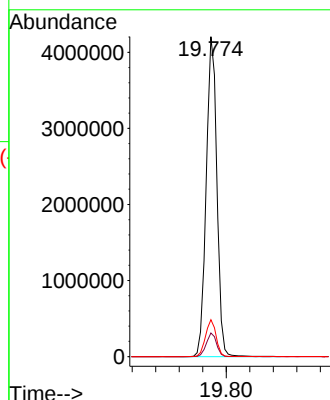
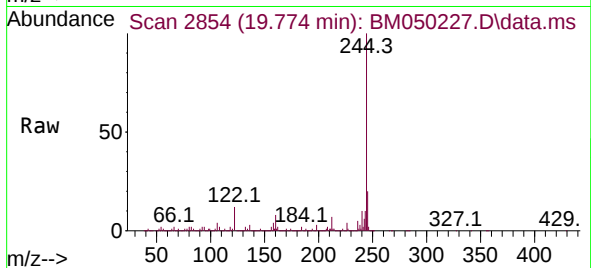
Tgt Ion:244 Resp: 5303789

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.356 min Scan# 3633

Delta R.T. -0.018 min

Lab File: BM050227.D

Acq: 07 Jun 2025 00:02

Tgt Ion:264 Resp: 1282379

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.8 16.8 25.2

