

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
 Data File : BM050036.D
 Acq On : 29 Apr 2025 09:52
 Operator : RC/JU
 Sample : PB167729BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167729BL

Quant Time: Apr 29 10:40:42 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	7.769	152	267473	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	926574	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611197	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1171848	20.000	ng	0.00
76) Chrysene-d12	21.403	240	971539	20.000	ng	0.00
86) Perylene-d12	24.403	264	1012325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2048277	134.095	ng	0.00
7) Phenol-d6	6.951	99	2468999	128.604	ng	0.00
23) Nitrobenzene-d5	8.928	82	1461498	77.724	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1138683	125.997	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4002903	77.477	ng	0.00
79) Terphenyl-d14	19.780	244	6115548	93.145	ng	0.00

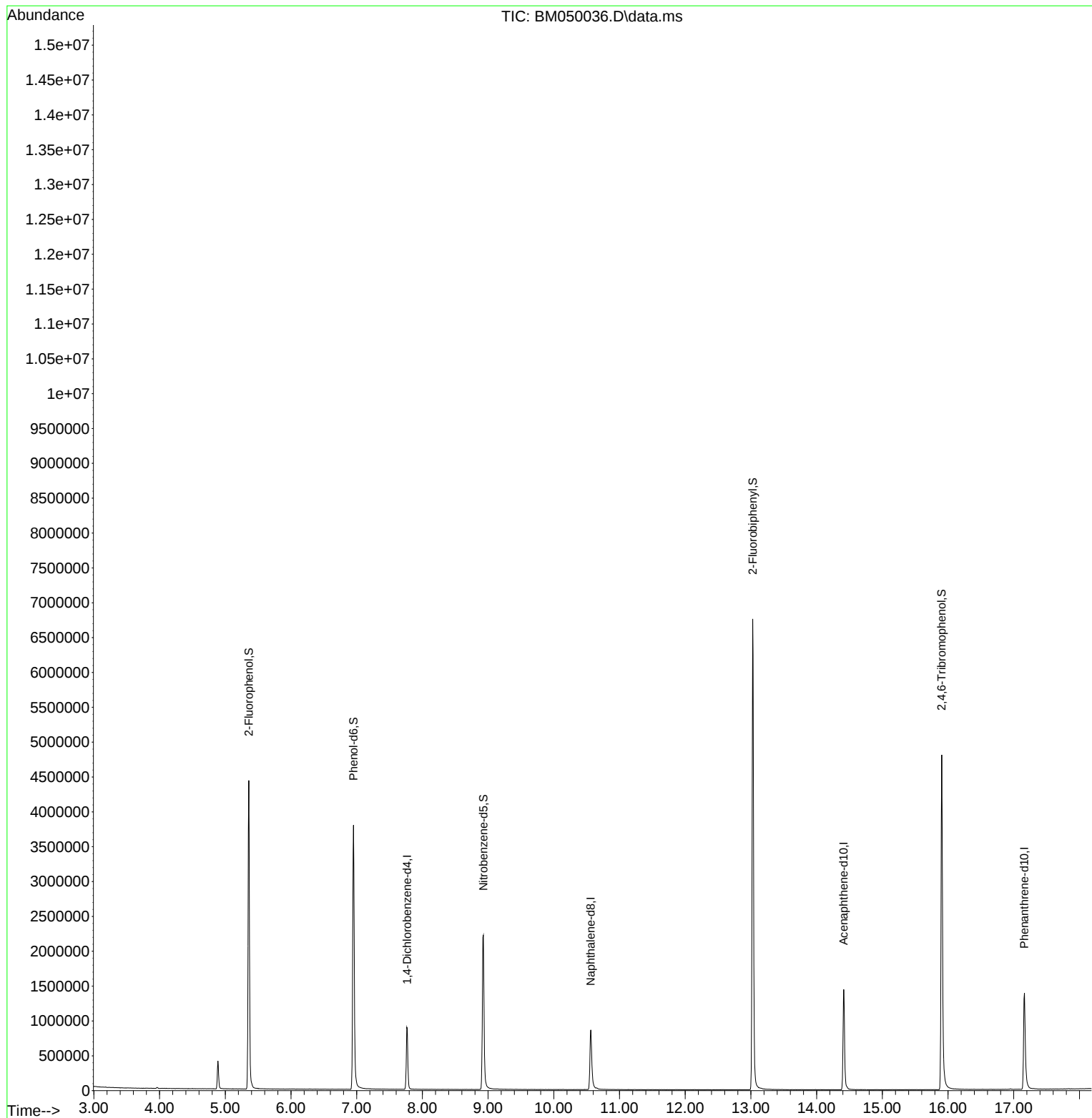
Target Compounds	Qvalue

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

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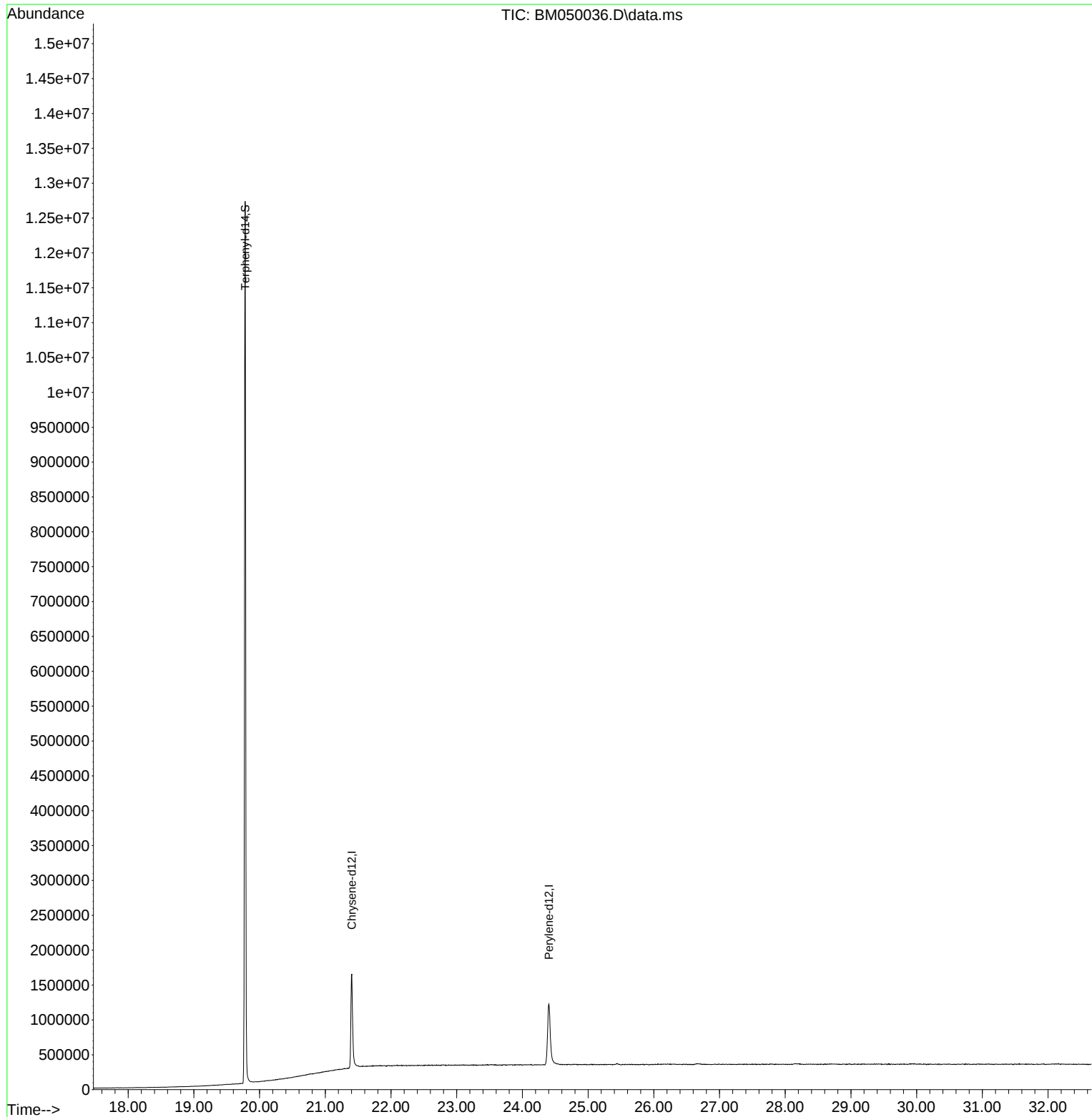
Quant Time: Apr 29 10:40:42 2025
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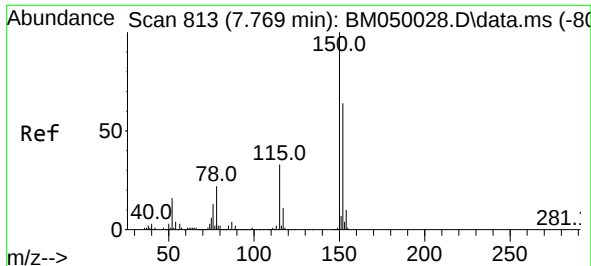


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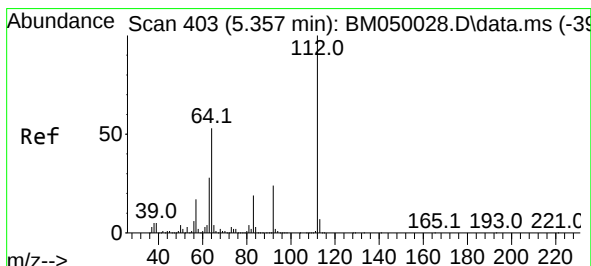
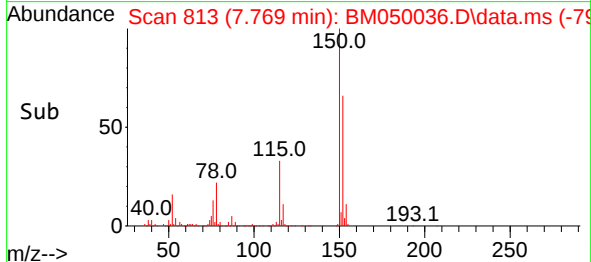
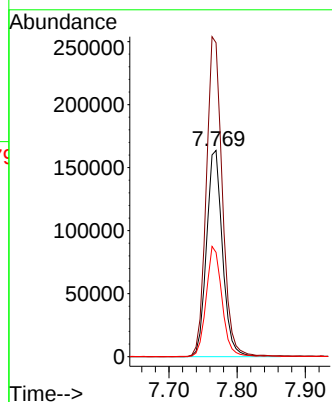
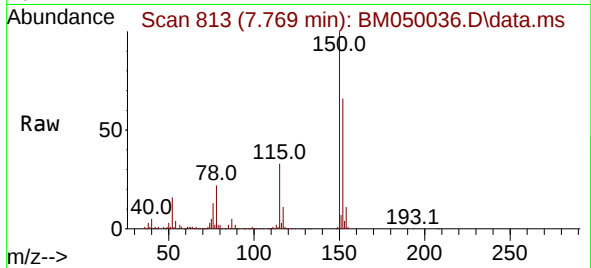




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

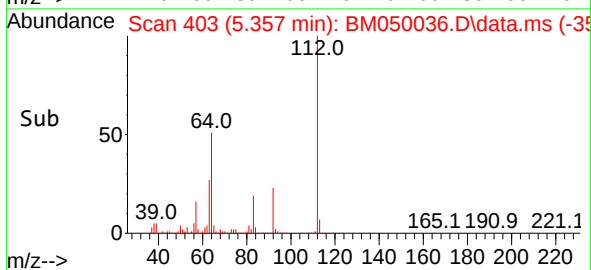
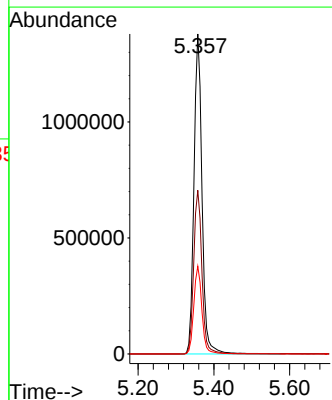
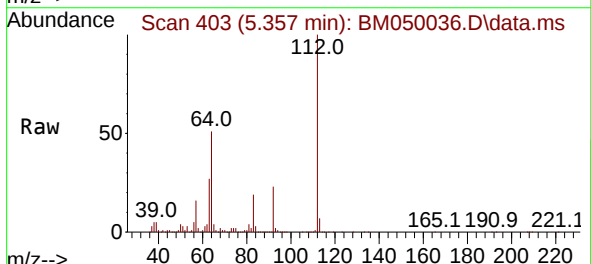
Instrument :
BNA_M
ClientSampleId :
PB167729BL

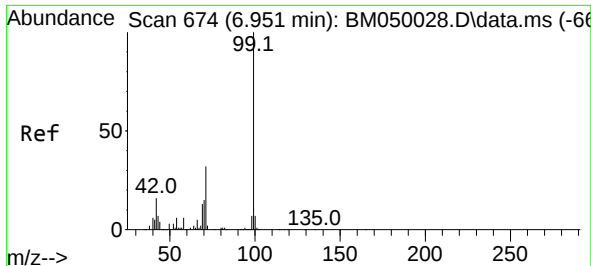
Tgt Ion:152 Resp: 267473
Ion Ratio Lower Upper
152 100
150 152.2 124.1 186.1
115 50.6 41.2 61.8



#5
2-Fluorophenol
Concen: 134.095 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:112 Resp: 2048277
Ion Ratio Lower Upper
112 100
64 51.1 42.6 64.0
63 27.4 22.2 33.4

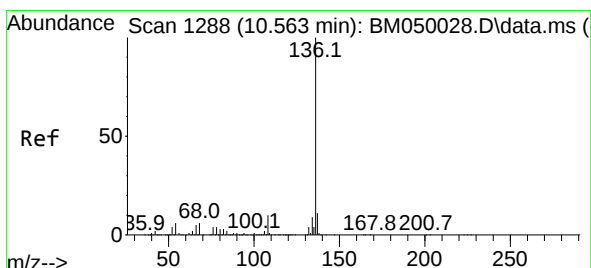
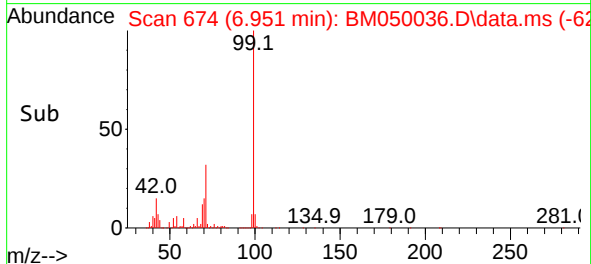
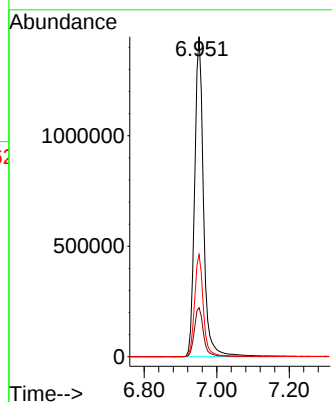
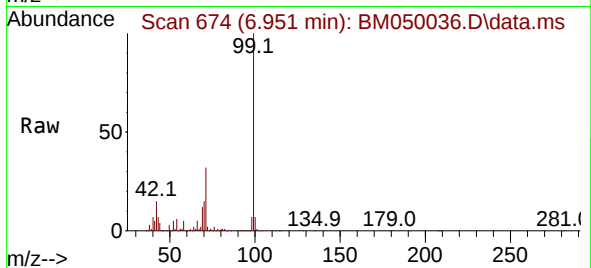




#7
Phenol-d6
Concen: 128.604 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

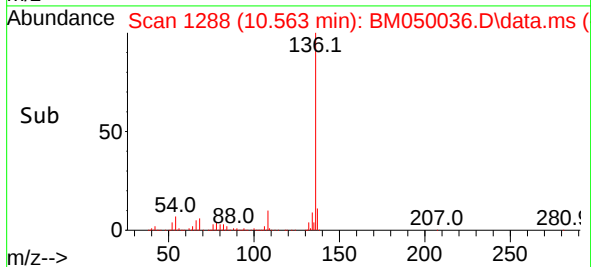
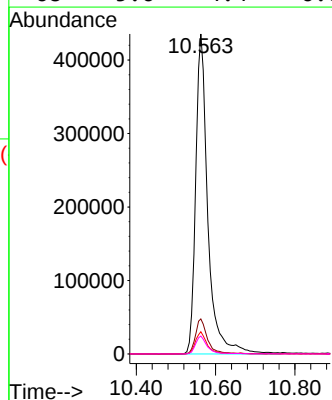
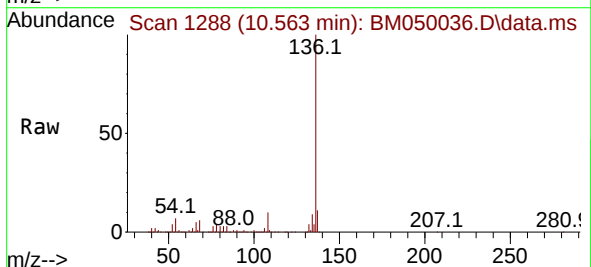
Instrument :
BNA_M
ClientSampleId :
PB167729BL

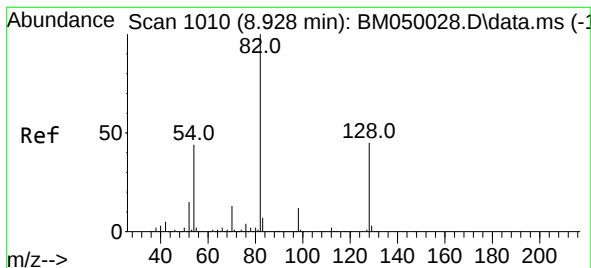
Tgt Ion: 99 Resp: 2468999
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion: 136 Resp: 926574
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.1 7.7
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 77.724 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BM050036.D

Acq: 29 Apr 2025 09:52

Instrument :

BNA_M

ClientSampleId :

PB167729BL

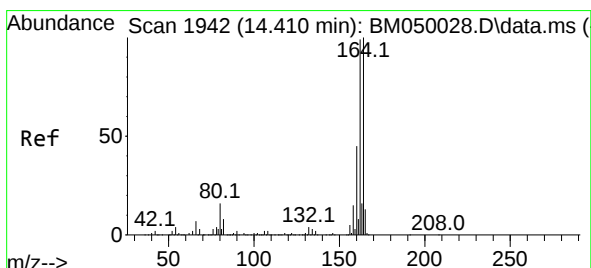
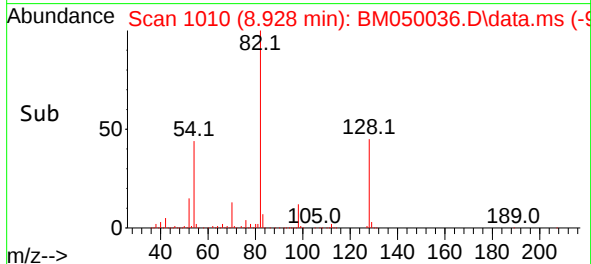
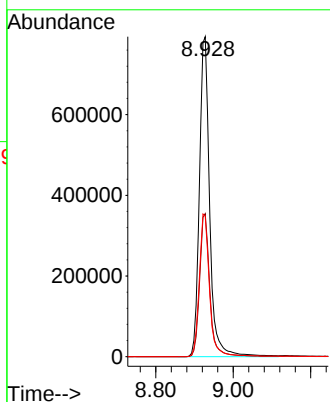
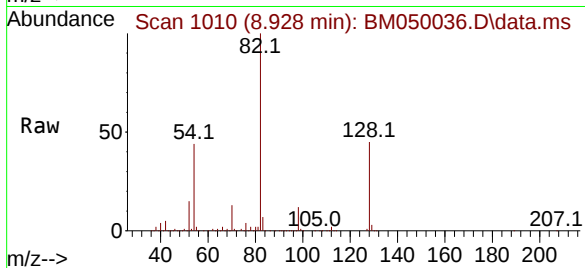
Tgt Ion: 82 Resp: 1461498

Ion Ratio Lower Upper

82 100

128 44.7 35.7 53.5

54 43.9 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050036.D

Acq: 29 Apr 2025 09:52

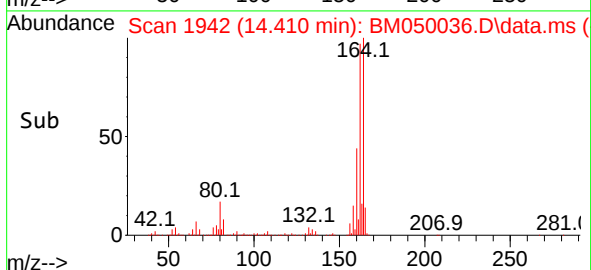
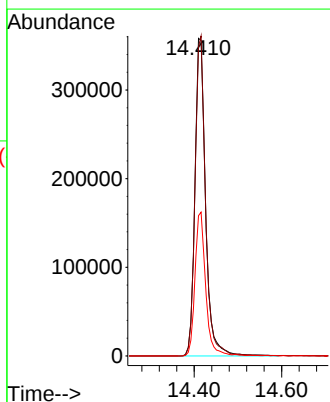
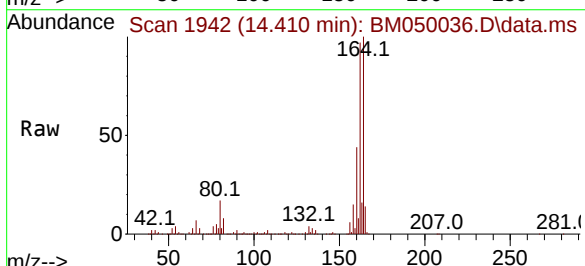
Tgt Ion:164 Resp: 611197

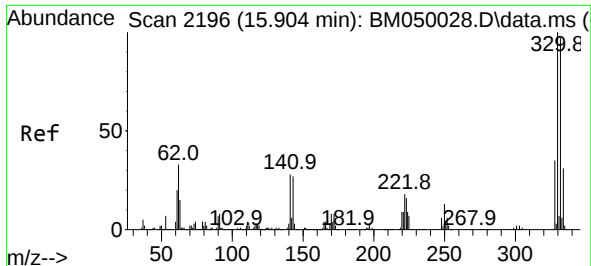
Ion Ratio Lower Upper

164 100

162 97.2 79.4 119.0

160 44.2 36.2 54.4

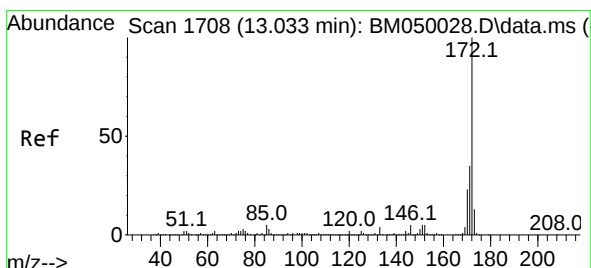
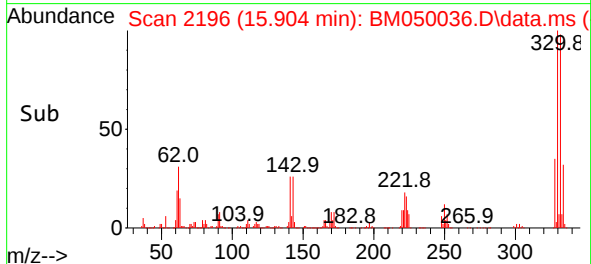
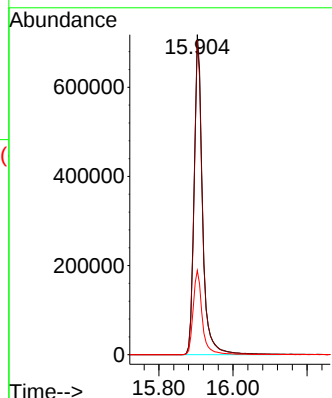
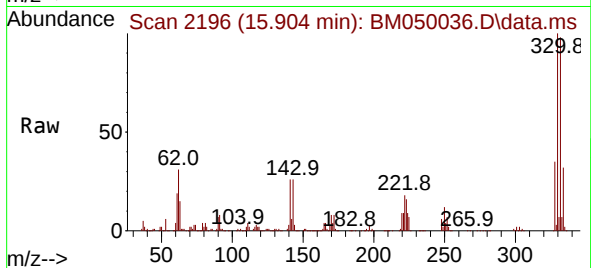




#42
2,4,6-Tribromophenol
Concen: 125.997 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

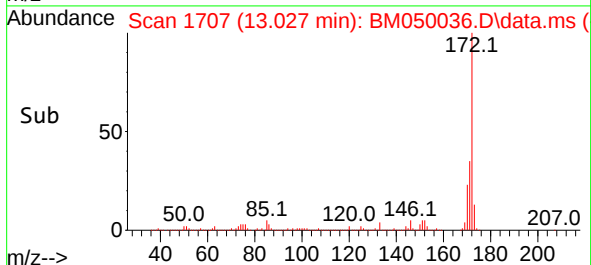
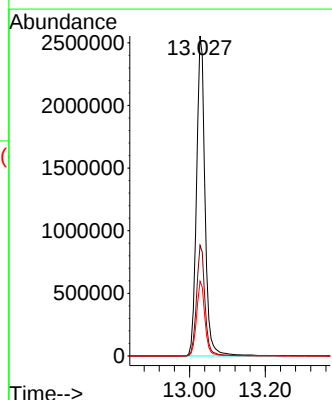
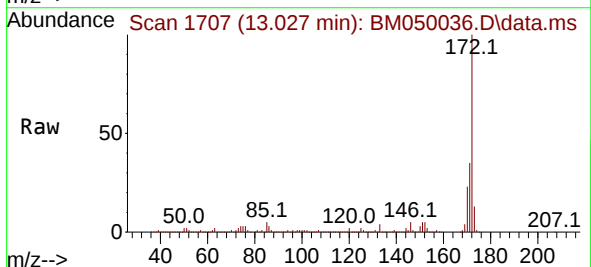
Instrument :
BNA_M
ClientSampleId :
PB167729BL

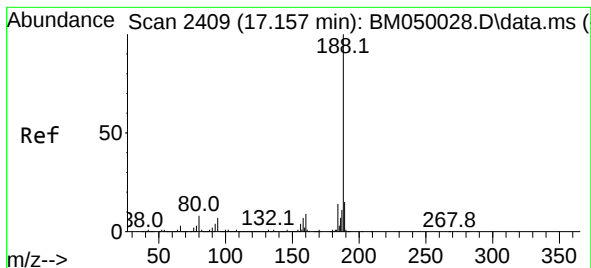
Tgt Ion:330 Resp: 1138683
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 28.3 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 77.477 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050036.D
Acq: 29 Apr 2025 09:52

Tgt Ion:172 Resp: 4002903
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2409

Delta R.T. 0.005 min

Lab File: BM050036.D

Acq: 29 Apr 2025 09:52

Instrument :

BNA_M

ClientSampleId :

PB167729BL

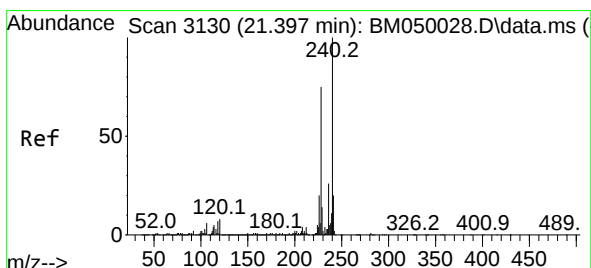
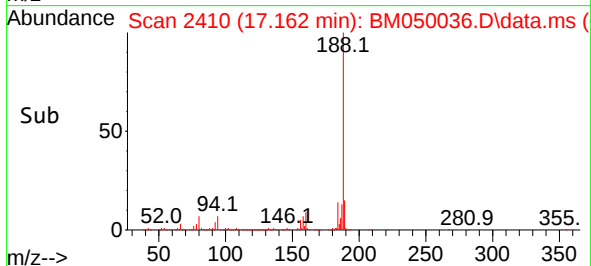
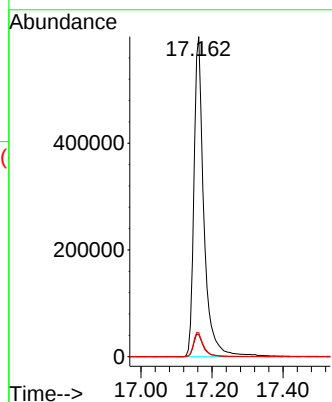
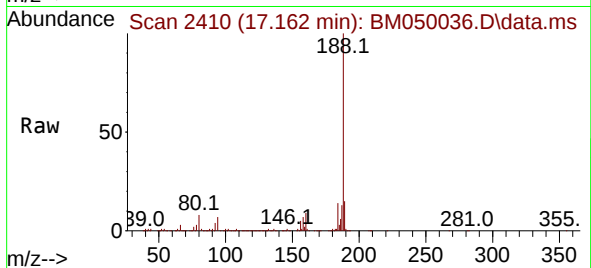
Tgt Ion:188 Resp: 1171848

Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 7.5 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BM050036.D

Acq: 29 Apr 2025 09:52

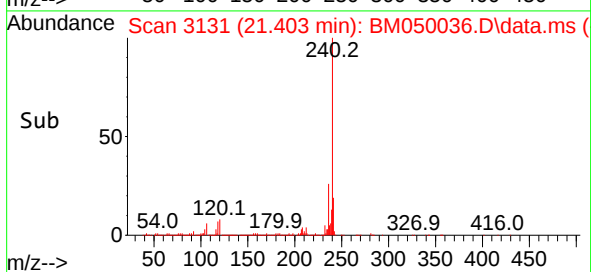
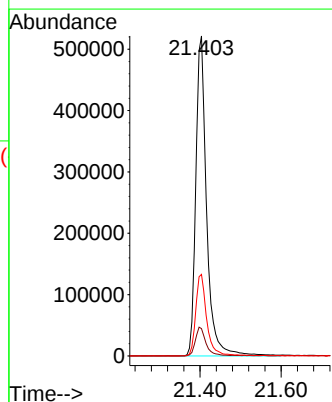
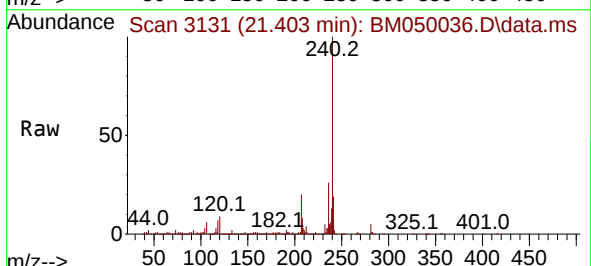
Tgt Ion:240 Resp: 971539

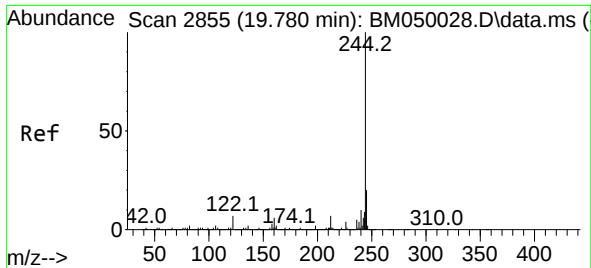
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 25.5 20.9 31.3

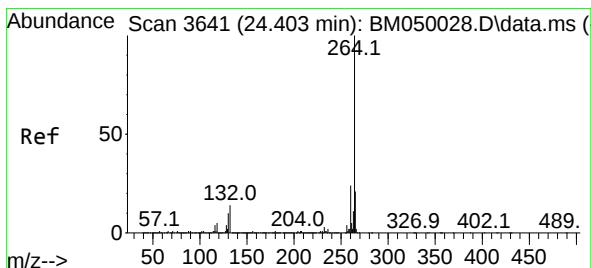
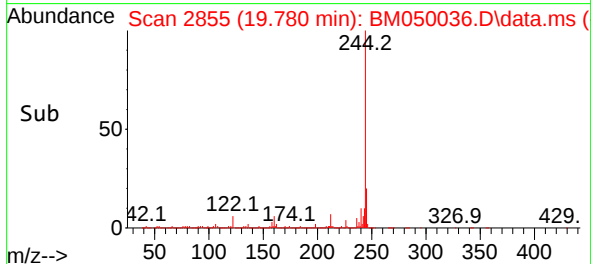
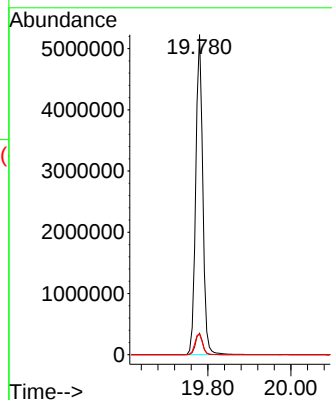
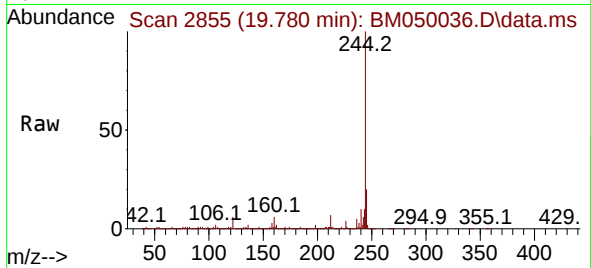




#79
 Terphenyl-d14
 Concen: 93.145 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM050036.D
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Instrument :
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 ClientSampleId :
 PB167729BL

Tgt Ion:244 Resp: 6115548
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.000 min
 Lab File: BM050036.D
 Acq: 29 Apr 2025 09:52

Tgt Ion:264 Resp: 1012325
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.7 17.0 25.4

