

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050160.D
 Acq On : 09 May 2025 15:27
 Operator : RC/JU
 Sample : Q1986-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-11

Quant Time: May 09 16:20:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

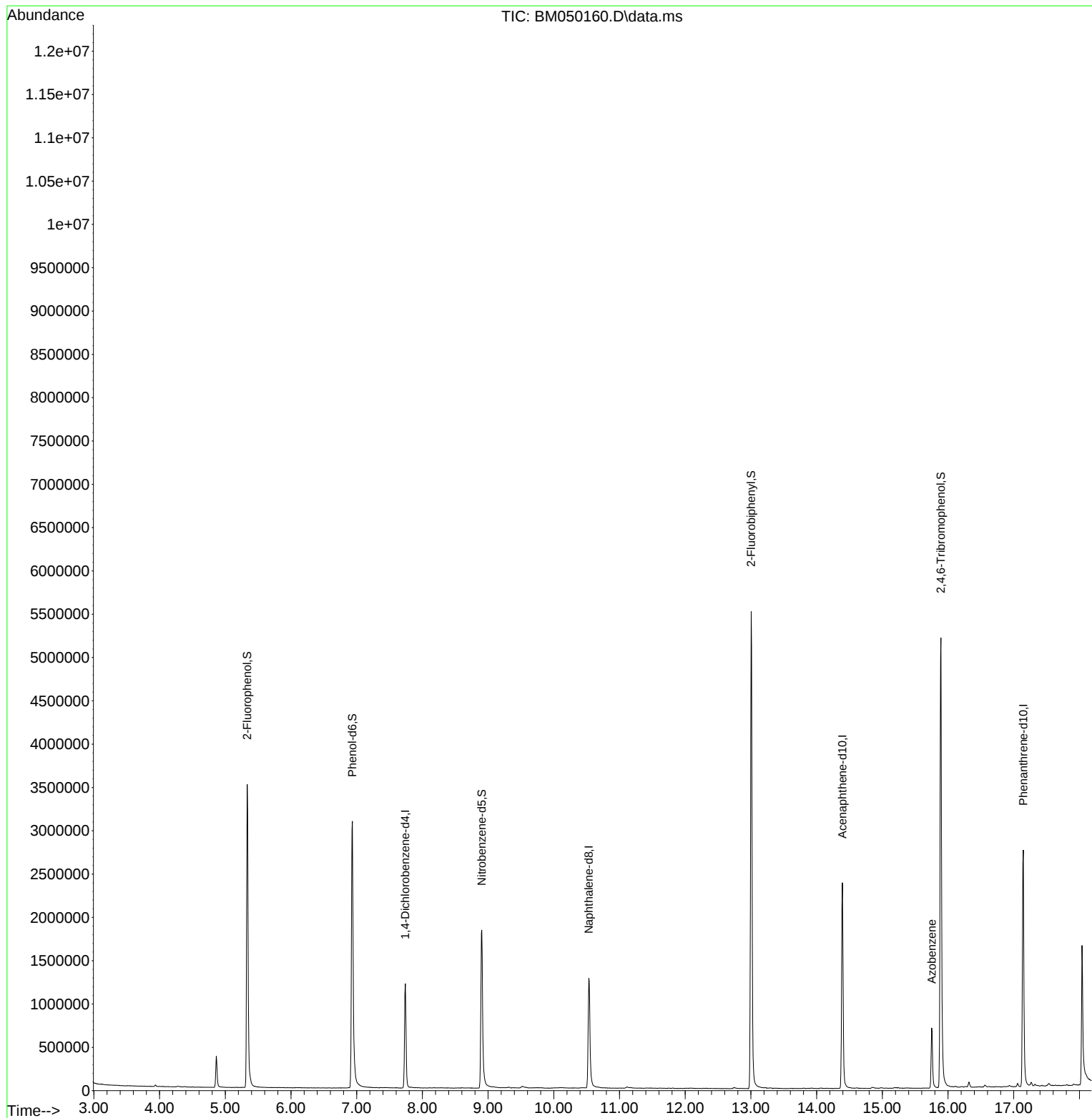
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	360622	20.000	ng	-0.03
21) Naphthalene-d8	10.533	136	1333179	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	943482	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1845155	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1230502	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1142366	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1736164	84.303	ng	-0.02
7) Phenol-d6	6.934	99	2262661	87.414	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1312968	48.529	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1267081	90.826	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	3330987	41.766	ng	-0.03
79) Terphenyl-d14	19.768	244	4903632	58.969	ng	-0.01
Target Compounds						
63) Azobenzene	15.751	77	217118	3.987	ng	Qvalue # 1

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

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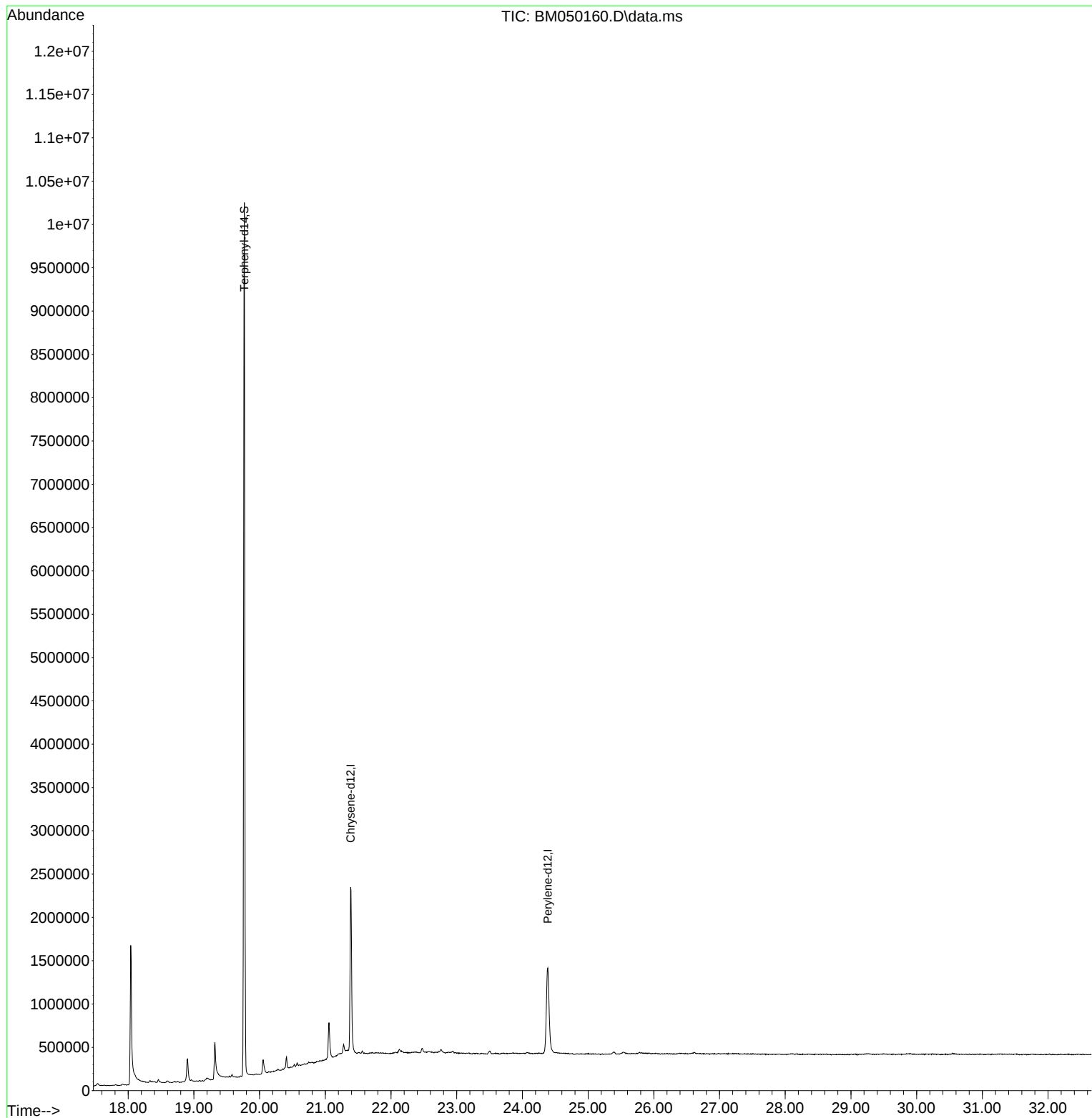
Quant Time: May 09 16:20:36 2025
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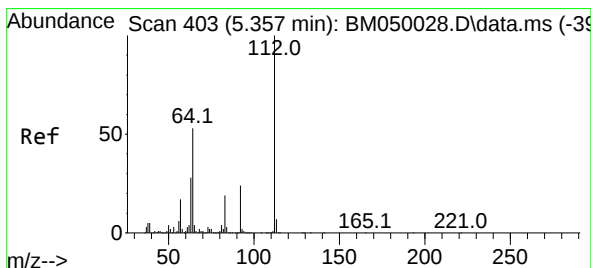
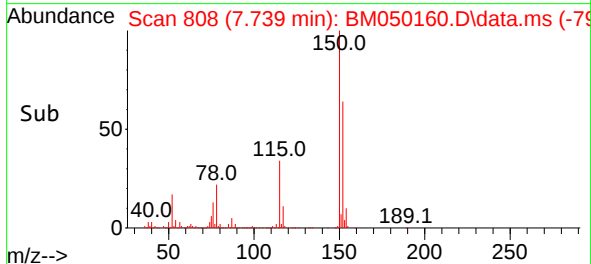
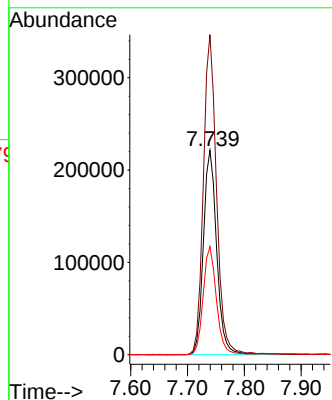
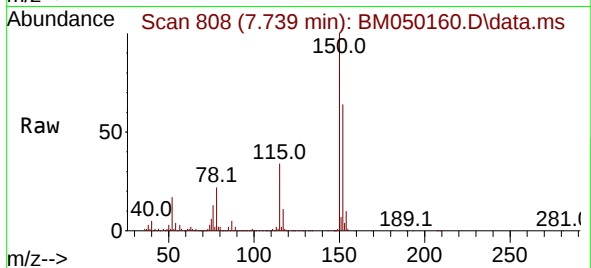




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.030 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

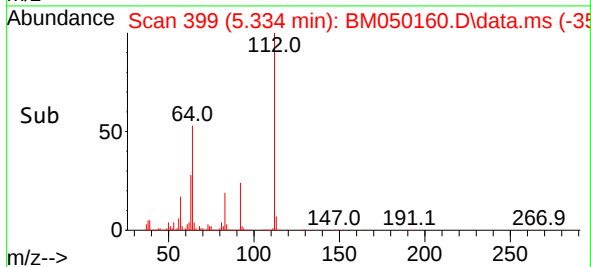
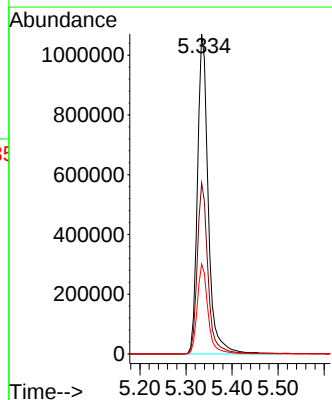
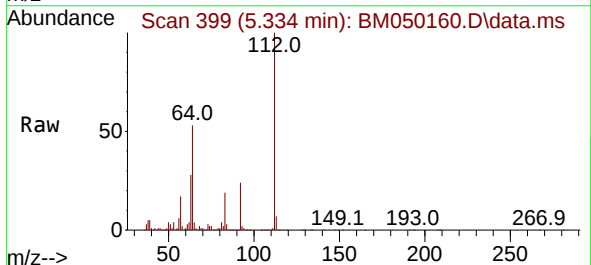
Instrument :
BNA_M
ClientSampleId :
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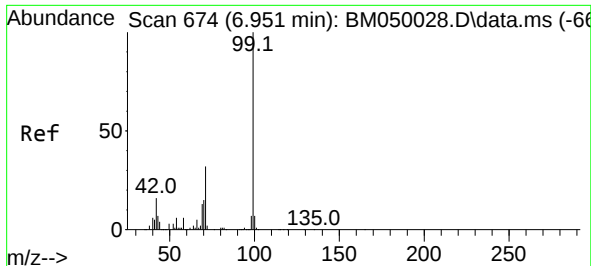
Tgt Ion:152 Resp: 360622
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 52.9 41.2 61.8



#5
2-Fluorophenol
Concen: 84.303 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.024 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

Tgt Ion:112 Resp: 1736164
Ion Ratio Lower Upper
112 100
64 53.4 42.6 64.0
63 28.1 22.2 33.4

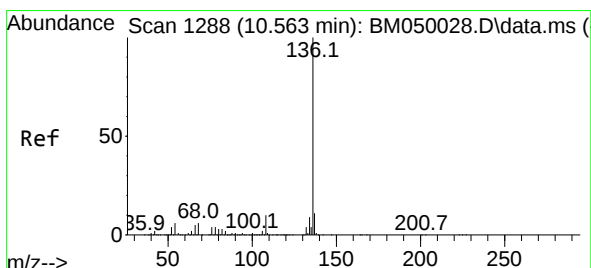
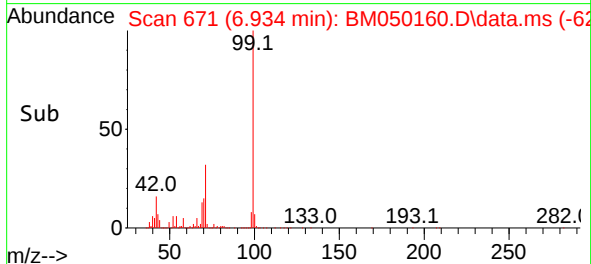
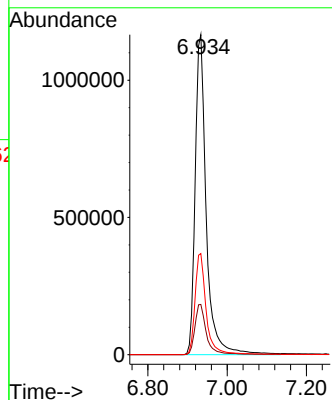
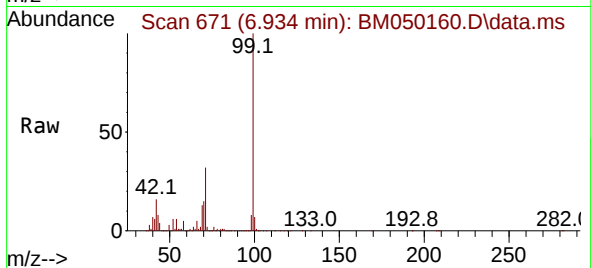




#7
Phenol-d6
Concen: 87.414 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

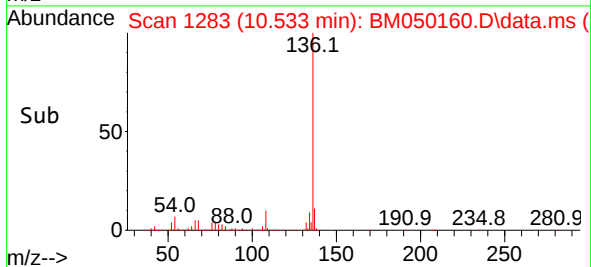
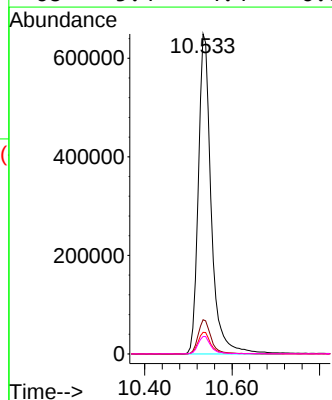
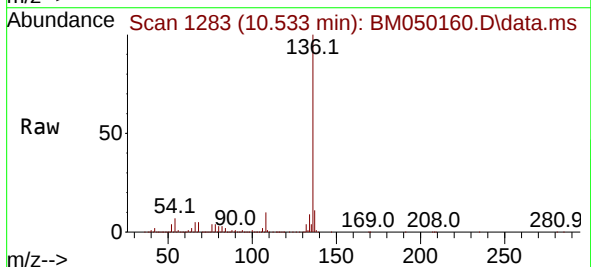
Instrument :
BNA_M
ClientSampleId :
COMP-11

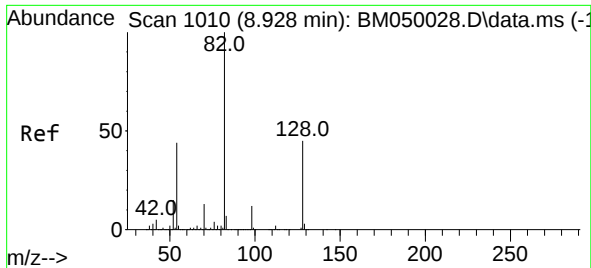
Tgt Ion: 99 Resp: 2262661
Ion Ratio Lower Upper
99 100
42 15.7 13.0 19.4
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

Tgt Ion: 136 Resp: 1333179
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.8 5.1 7.7
68 5.4 4.4 6.6

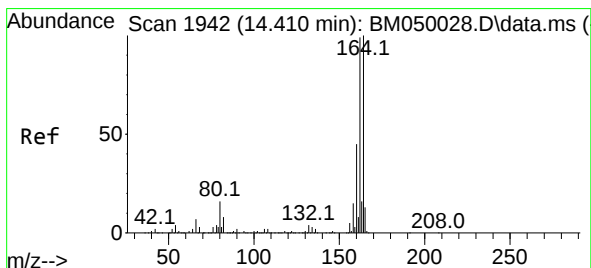
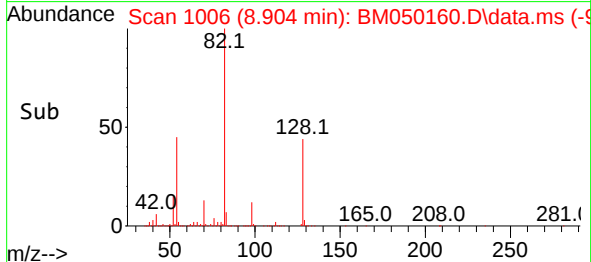
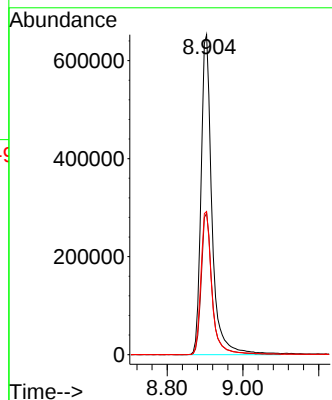
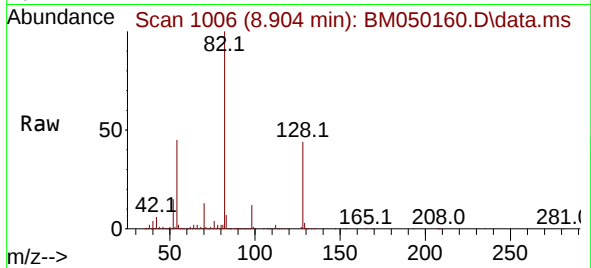




#23
Nitrobenzene-d5
Concen: 48.529 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

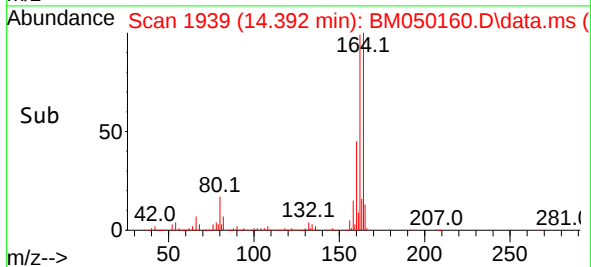
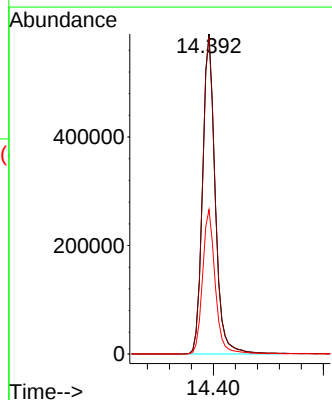
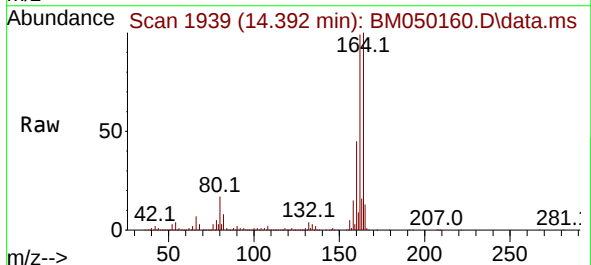
Instrument :
BNA_M
ClientSampleId :
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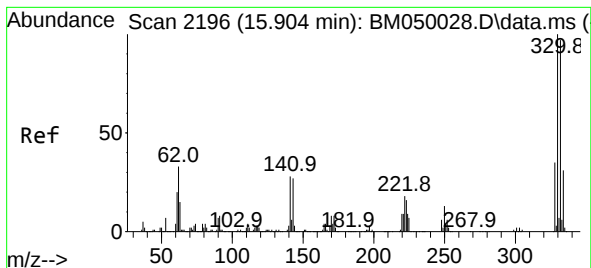
Tgt Ion: 82 Resp: 1312968
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 44.7 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

Tgt Ion:164 Resp: 943482
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 45.1 36.2 54.4

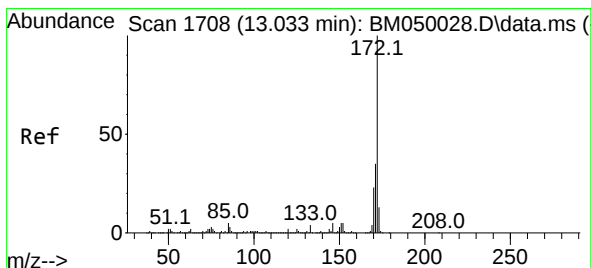
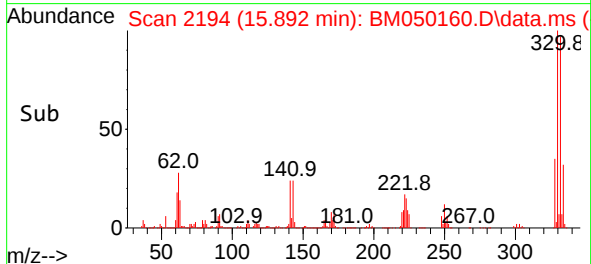
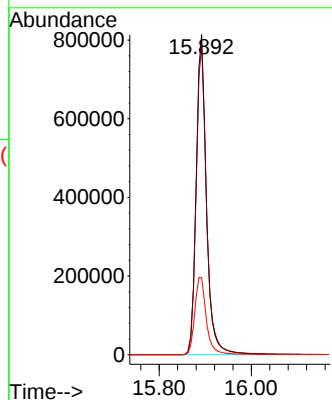
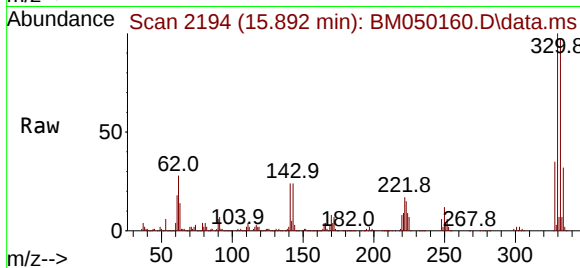




#42
2,4,6-Tribromophenol
Concen: 90.826 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

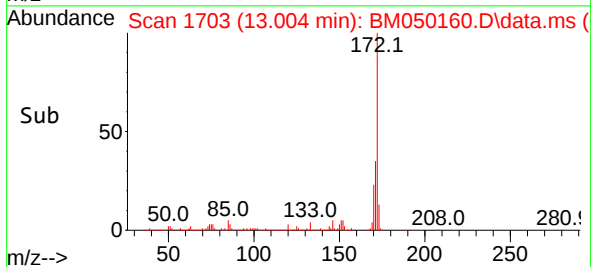
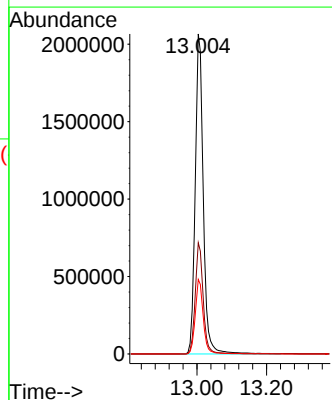
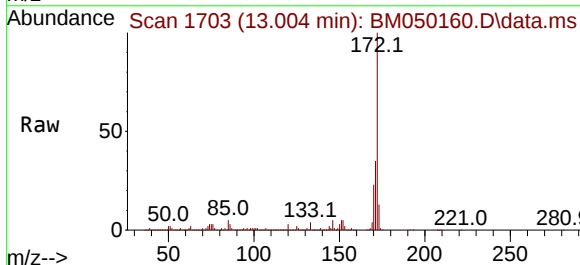
Instrument :
BNA_M
ClientSampleId :
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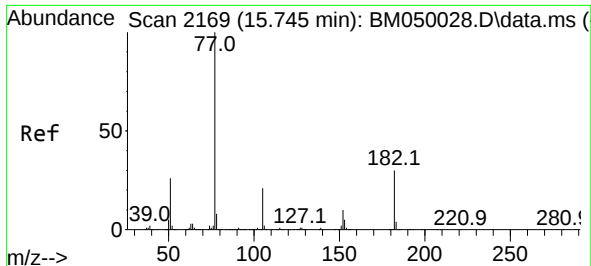
Tgt Ion:330 Resp: 1267081
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 27.1 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 41.766 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

Tgt Ion:172 Resp: 3330987
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.6 28.0

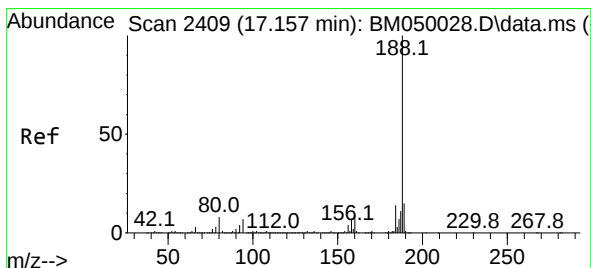
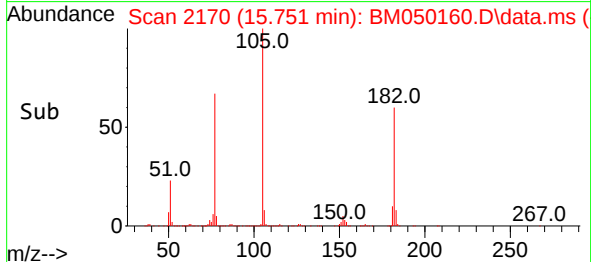
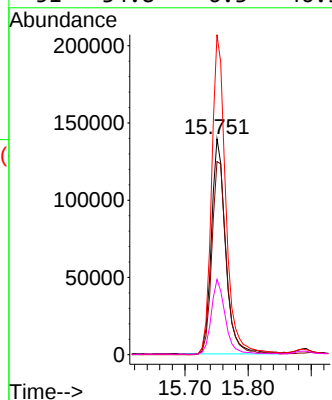
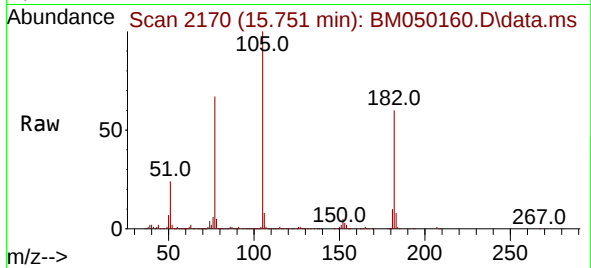




#63
Azobenzene
Concen: 3.987 ng
RT: 15.751 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

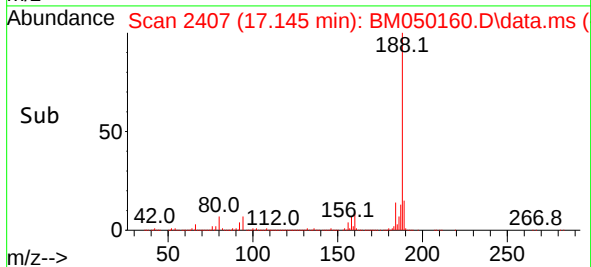
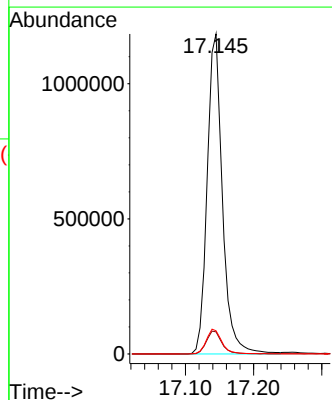
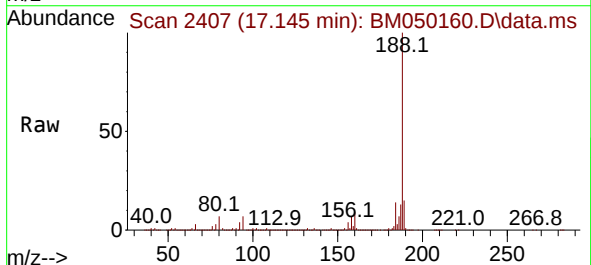
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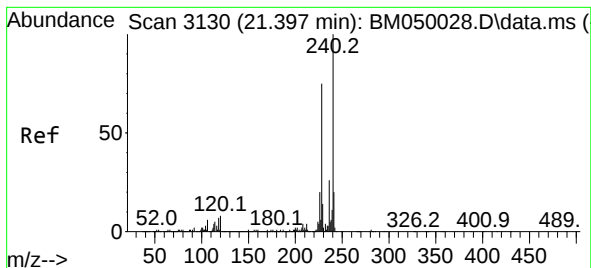
Tgt Ion: 77 Resp: 217118
Ion Ratio Lower Upper
77 100
182 89.5 10.5 50.5#
105 148.2 1.1 41.1#
51 34.8 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050160.D
Acq: 09 May 2025 15:27

Tgt Ion: 188 Resp: 1845155
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.2 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM050160.D

Acq: 09 May 2025 15:27

Instrument :

BNA_M

ClientSampleId :

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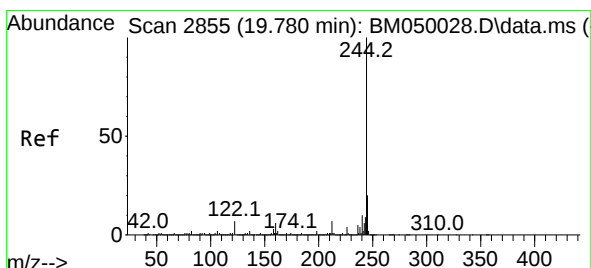
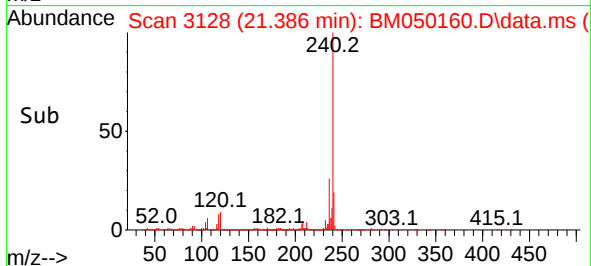
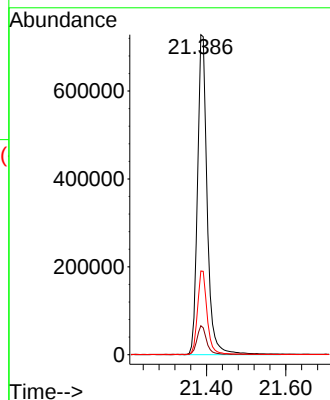
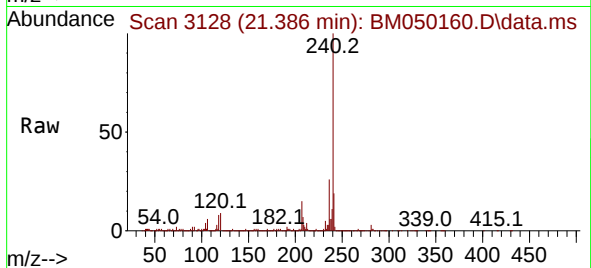
Tgt Ion:240 Resp: 1230502

Ion Ratio Lower Upper

240 100

120 9.0 6.5 9.7

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 58.969 ng

RT: 19.768 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BM050160.D

Acq: 09 May 2025 15:27

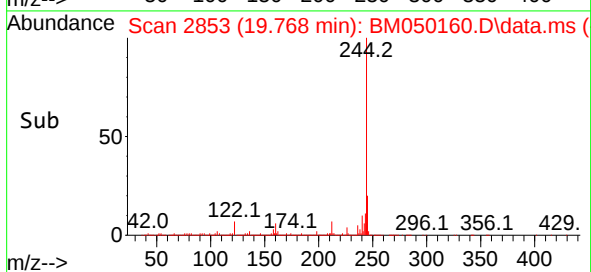
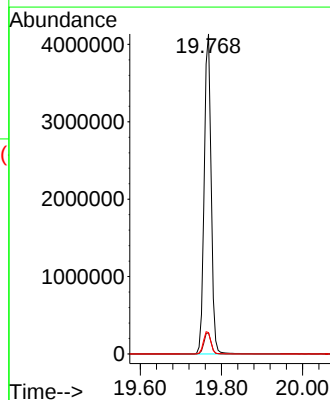
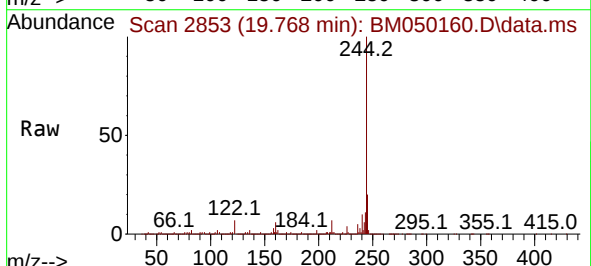
Tgt Ion:244 Resp: 4903632

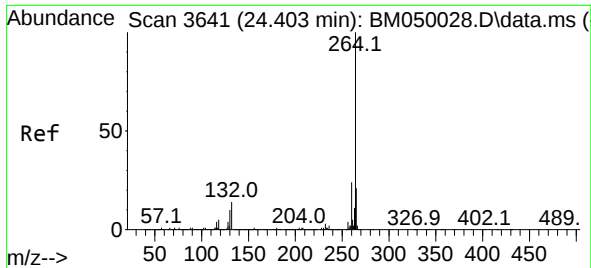
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 6.7 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.385 min Scan# 30
 Delta R.T. -0.018 min
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Tgt Ion:264 Resp: 1142366
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.0 17.0 25.4

