

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050164.D
 Acq On : 09 May 2025 18:04
 Operator : RC/JU
 Sample : Q1983-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-636-COMP-02

Quant Time: May 09 23:37:06 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	367403	20.000	ng	-0.03
21) Naphthalene-d8	10.533	136	1342735	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	952799	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1976094	20.000	ng	-0.01
76) Chrysene-d12	21.391	240	1513055	20.000	ng	0.00
86) Perylene-d12	24.391	264	1191095	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2605508	124.181	ng	-0.02
7) Phenol-d6	6.934	99	2981079	113.043	ng	-0.02
23) Nitrobenzene-d5	8.904	82	2157144	79.164	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	2173466	154.273	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	5905492	73.322	ng	-0.03
79) Terphenyl-d14	19.768	244	10478260	102.476	ng	-0.01

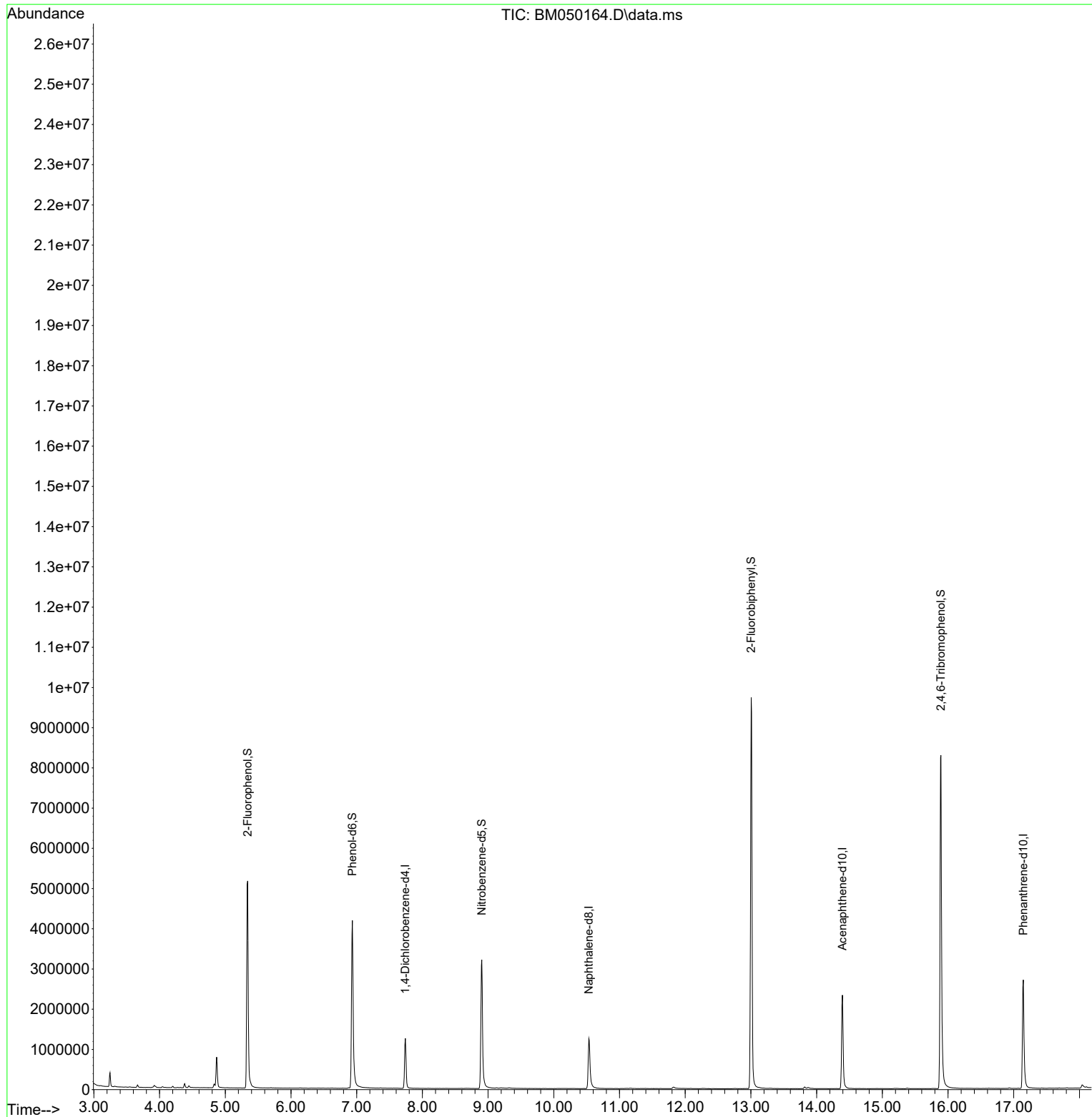
Target Compounds	Qvalue

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

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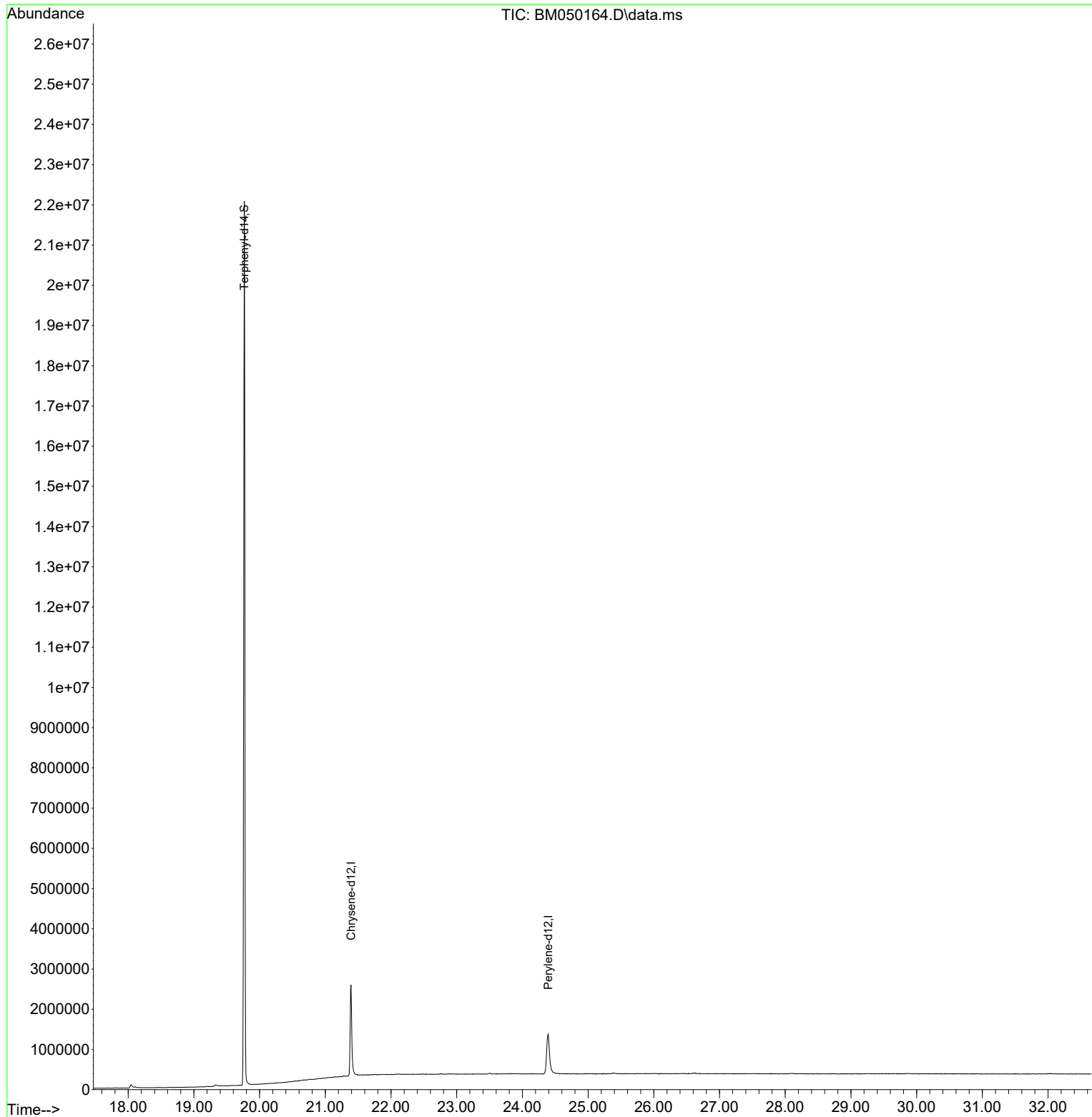
Quant Time: May 09 23:37:06 2025
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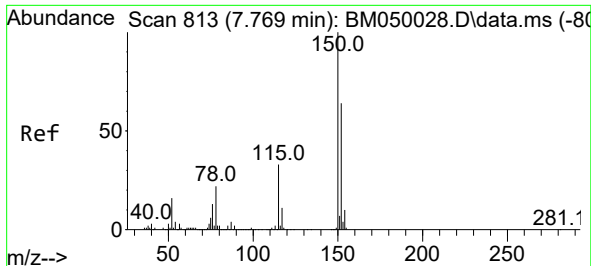


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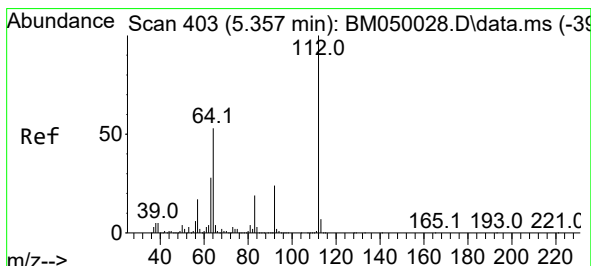
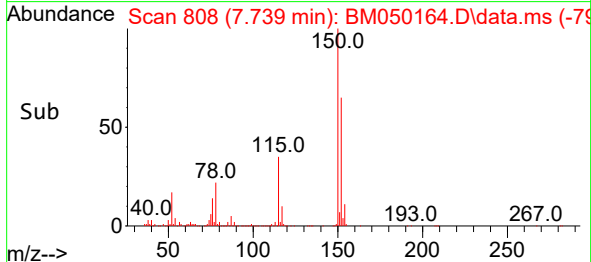
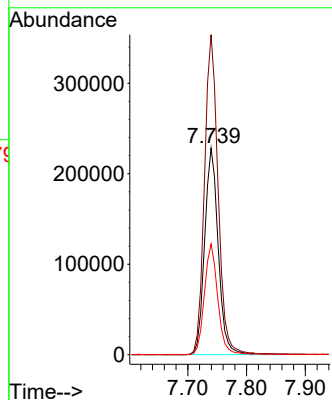
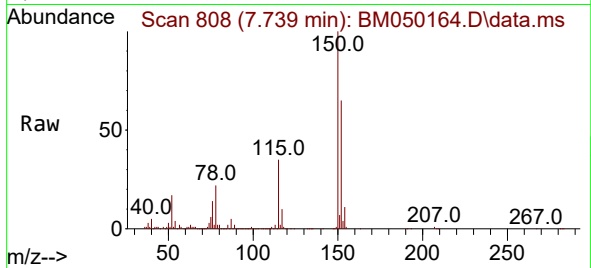




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.030 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

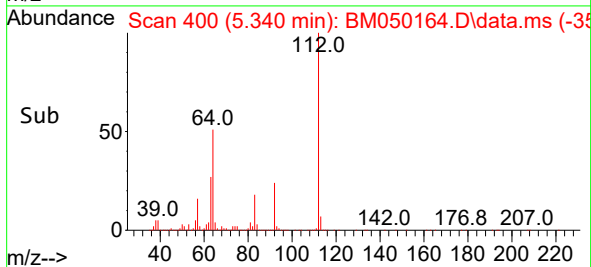
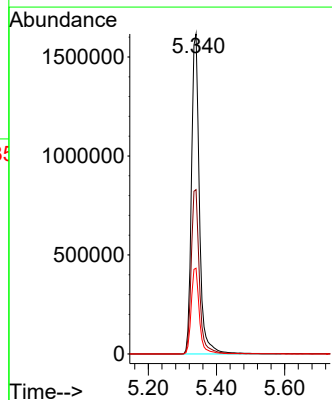
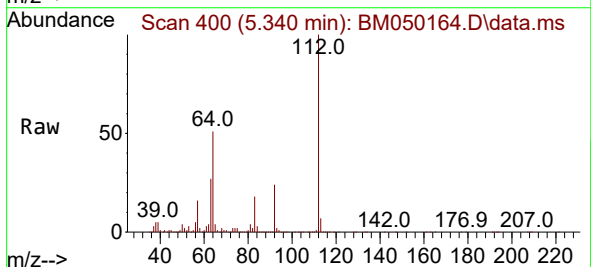
Instrument :
BNA_M
ClientSampleId :
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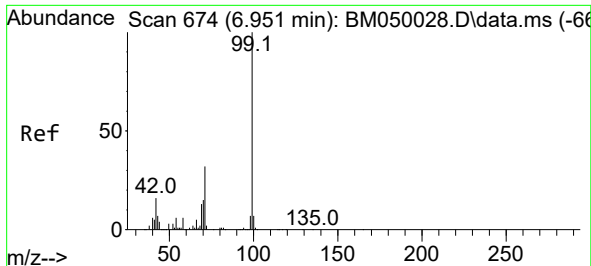
Tgt Ion:152 Resp: 367403
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 53.6 41.2 61.8



#5
2-Fluorophenol
Concen: 124.181 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

Tgt Ion:112 Resp: 2605508
Ion Ratio Lower Upper
112 100
64 51.3 42.6 64.0
63 26.8 22.2 33.4

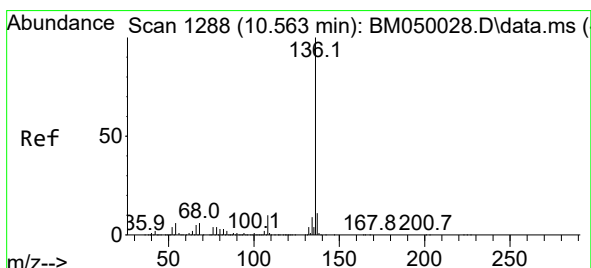
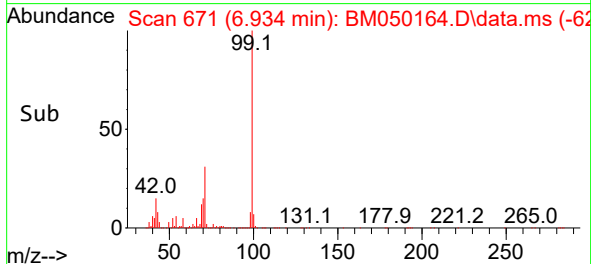
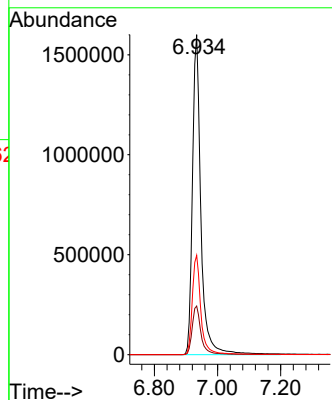
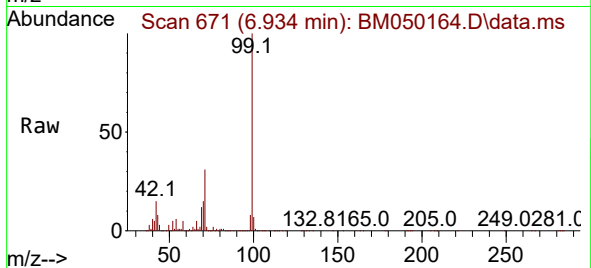




#7
Phenol-d6
Concen: 113.043 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

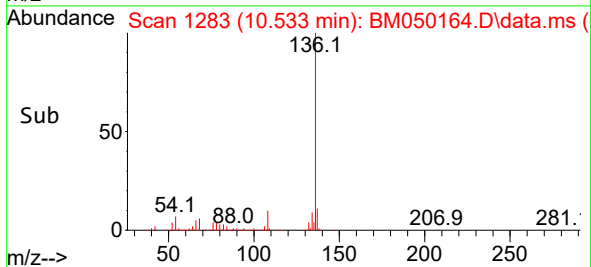
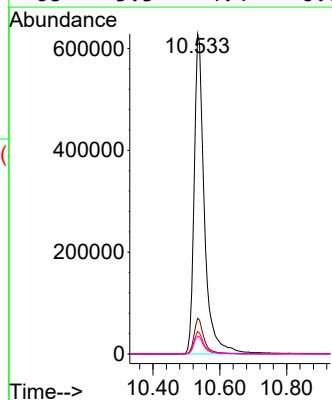
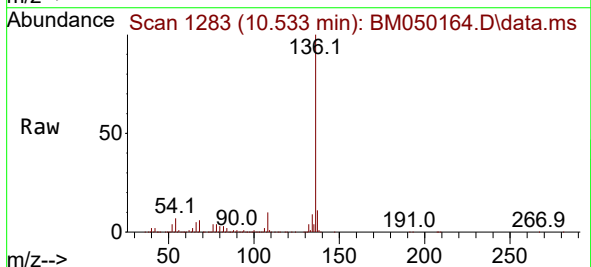
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-02

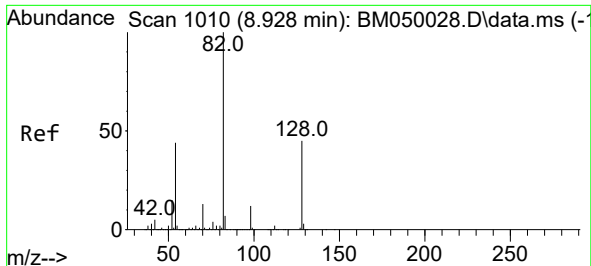
Tgt Ion: 99 Resp: 2981079
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 31.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.030 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

Tgt Ion: 136 Resp: 1342735
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.0 5.1 7.7
68 5.5 4.4 6.6



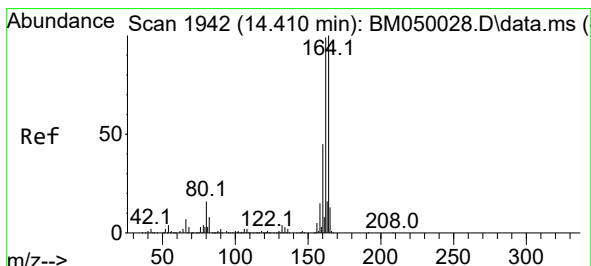
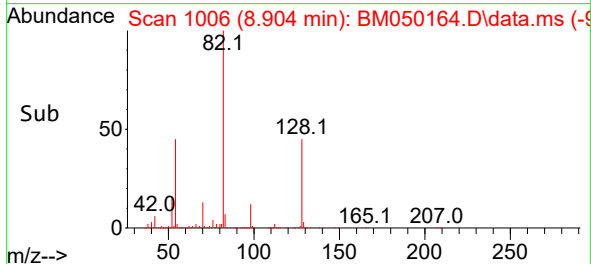
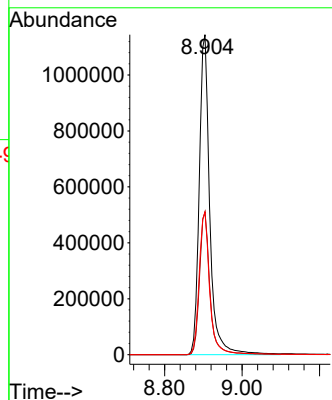
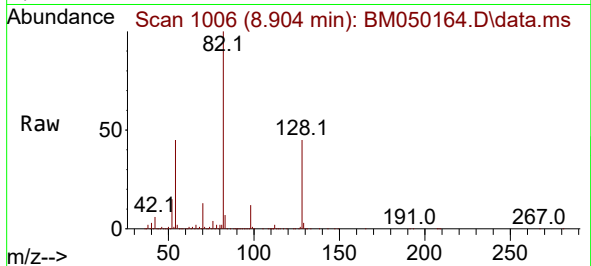


#23
Nitrobenzene-d5
Concen: 79.164 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-02

Tgt Ion: 82 Resp: 2157144

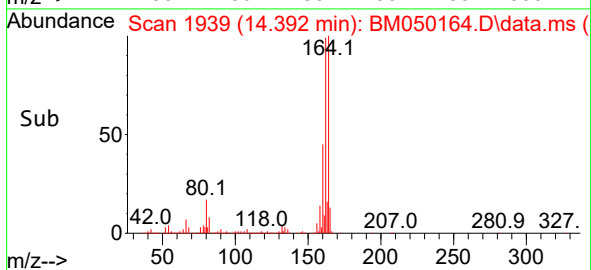
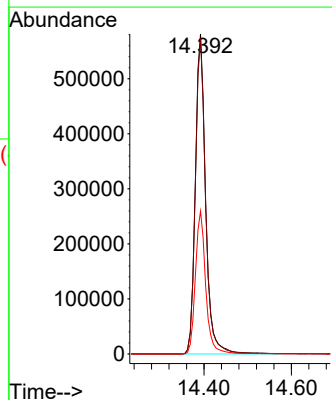
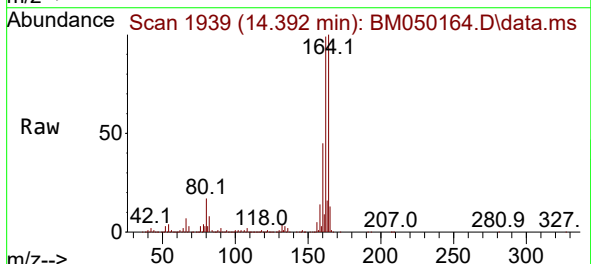
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	44.5	35.4	53.2

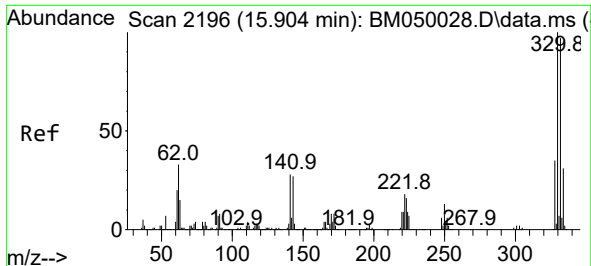


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

Tgt Ion: 164 Resp: 952799

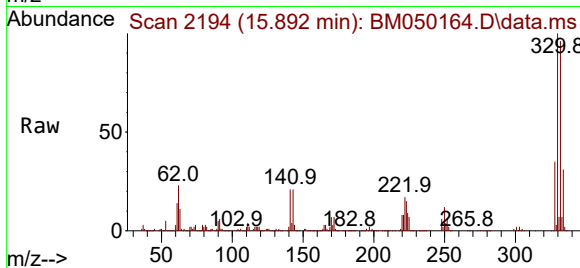
Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.4	119.0
160	44.6	36.2	54.4



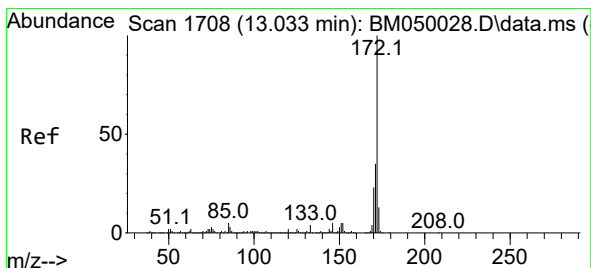
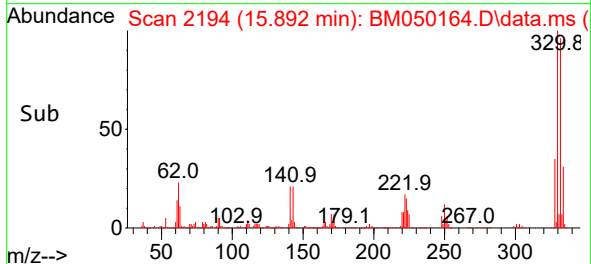
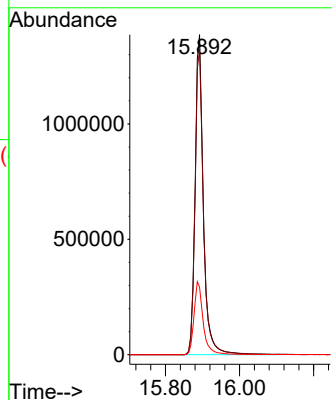


#42
2,4,6-Tribromophenol
Concen: 154.273 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050164.D
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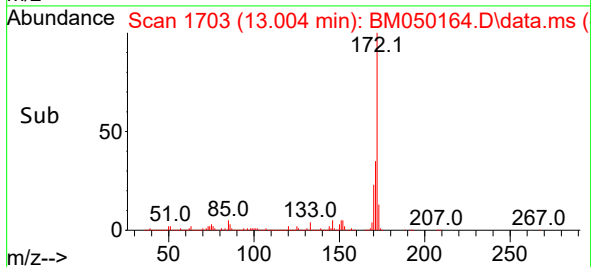
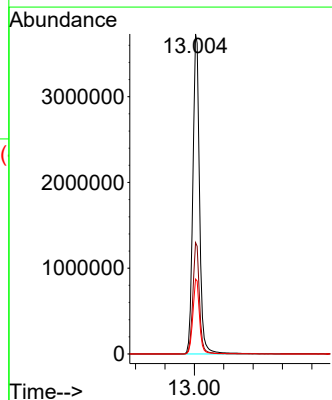
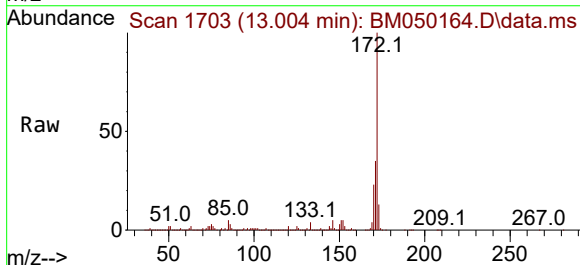


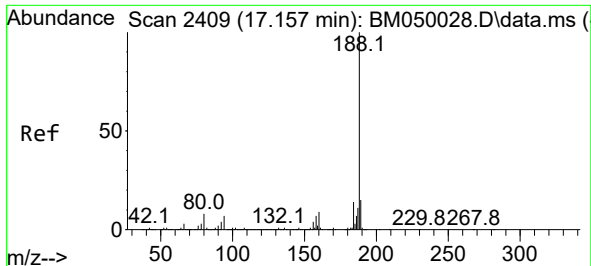
Tgt Ion:330 Resp: 2173466
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 25.2 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 73.322 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.030 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

Tgt Ion:172 Resp: 5905492
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 28.0

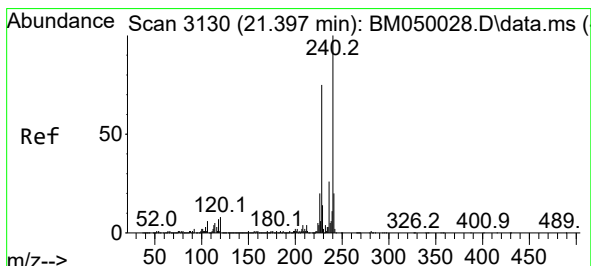
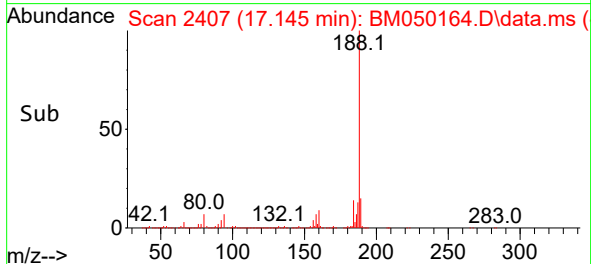
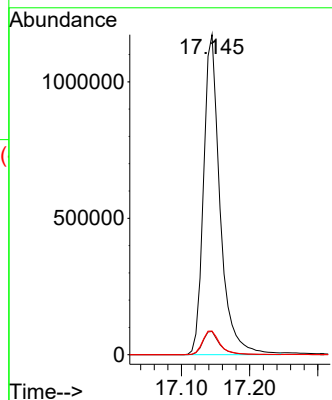
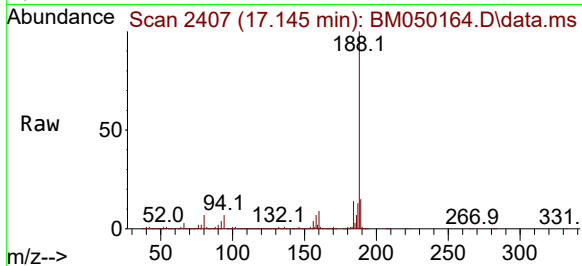




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

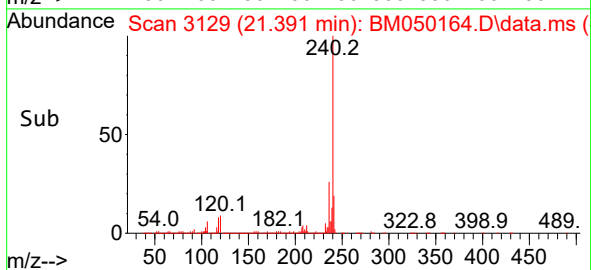
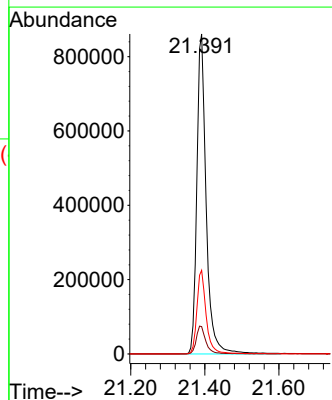
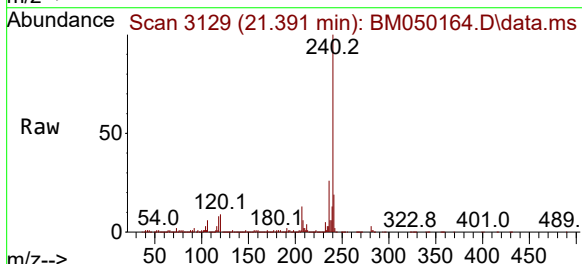
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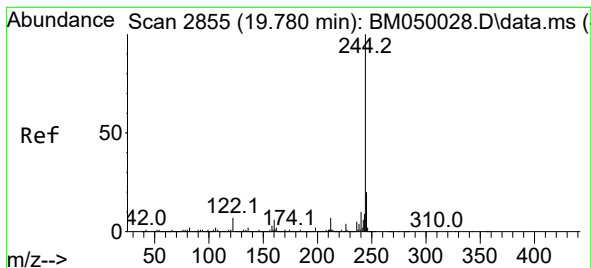
Tgt Ion:188 Resp: 1976094
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.4 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.391 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BM050164.D
Acq: 09 May 2025 18:04

Tgt Ion:240 Resp: 1513055
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 102.476 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050164.D

Acq: 09 May 2025 18:04

Instrument :

BNA_M

ClientSampleId :

OR-636-COMP-02

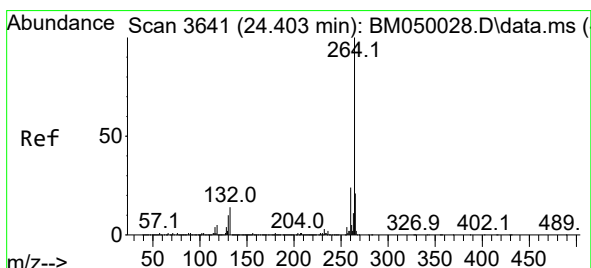
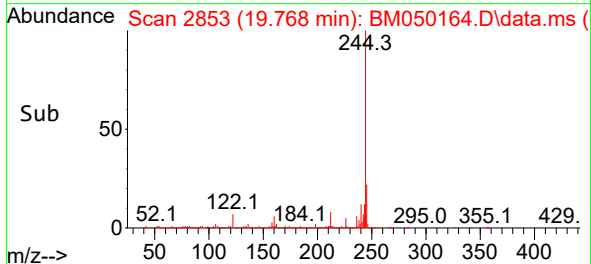
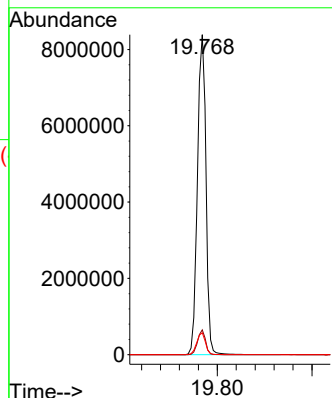
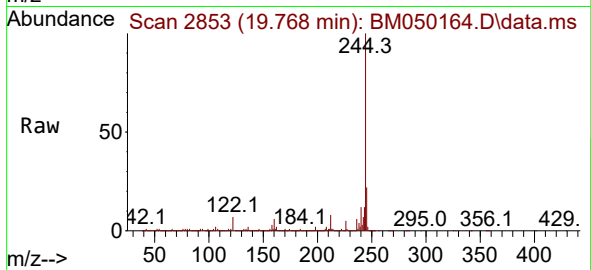
Tgt Ion:244 Resp:10478260

Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

122 6.9 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.012 min

Lab File: BM050164.D

Acq: 09 May 2025 18:04

Tgt Ion:264 Resp: 1191095

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.5 17.0 25.4

