

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050080.D
 Acq On : 02 May 2025 11:13
 Operator : RC/JU
 Sample : PB167803BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167803BL

Quant Time: May 02 12:13:29 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	7.751	152	227359	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	771197	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	505614	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1028817	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	949846	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1027399	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1888957	145.484	ng	-0.01
7) Phenol-d6	6.934	99	2274901	139.400	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1344435	85.904	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1060240	141.816	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	3535203	82.713	ng	-0.02
79) Terphenyl-d14	19.768	244	6190324	96.438	ng	-0.01

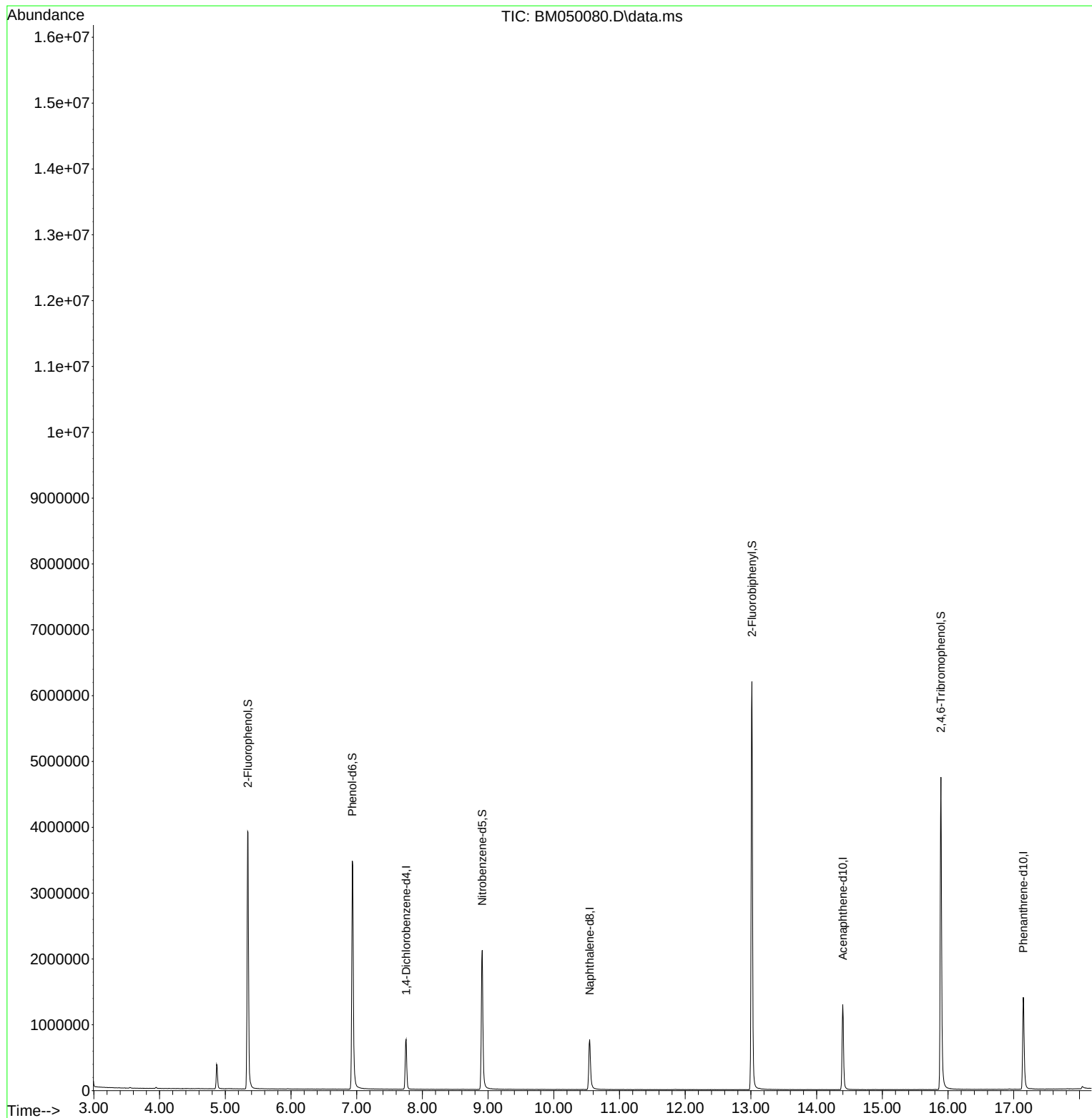
Target Compounds	Qvalue

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

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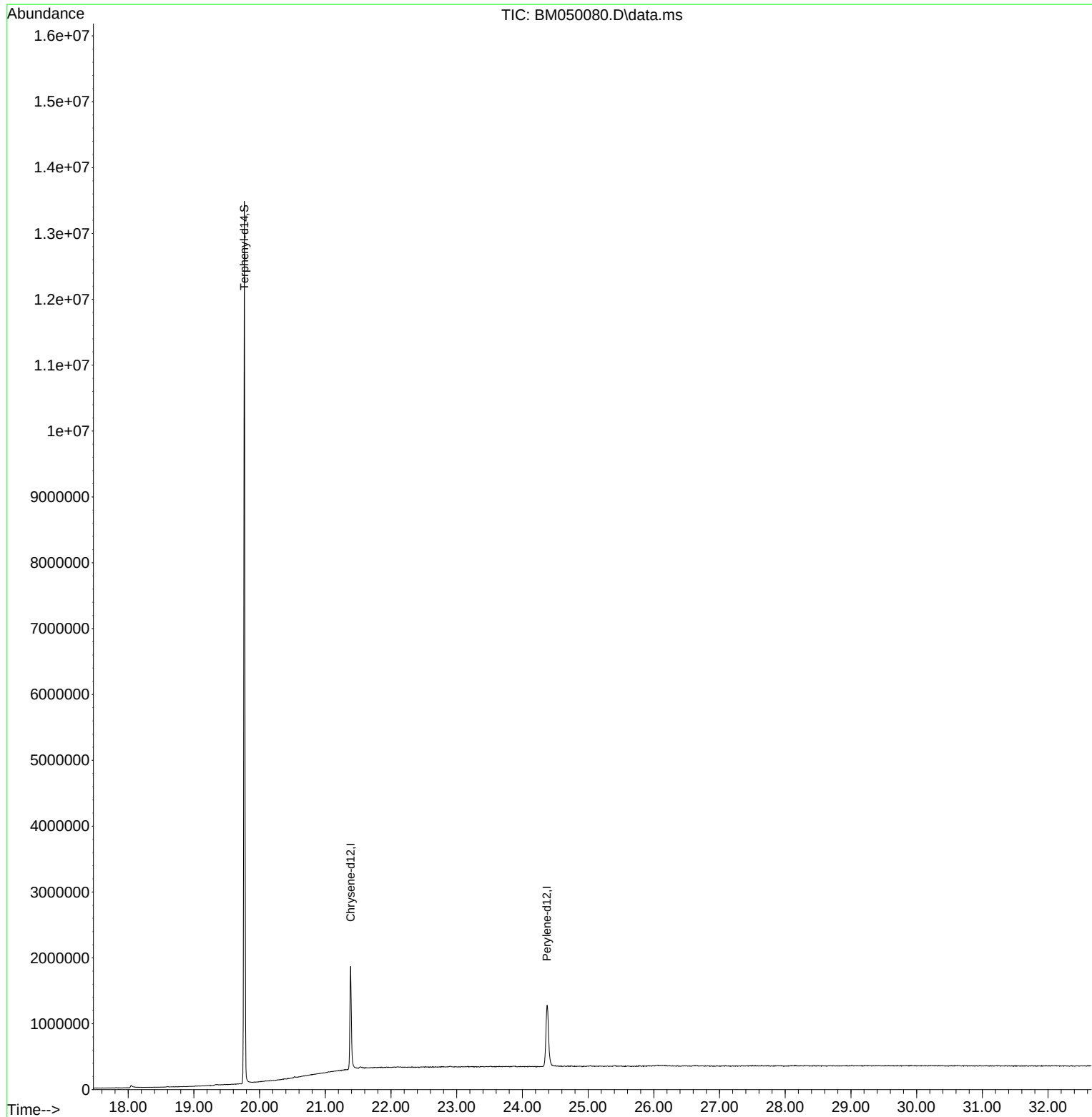
Quant Time: May 02 12:13:29 2025
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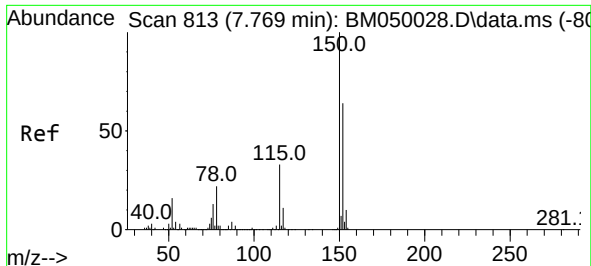


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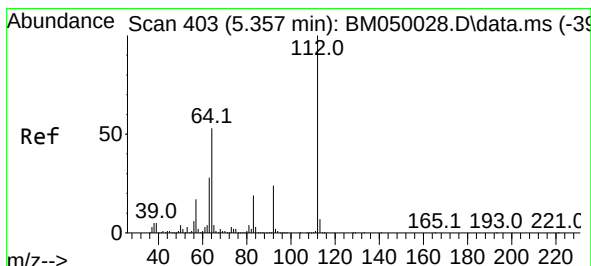
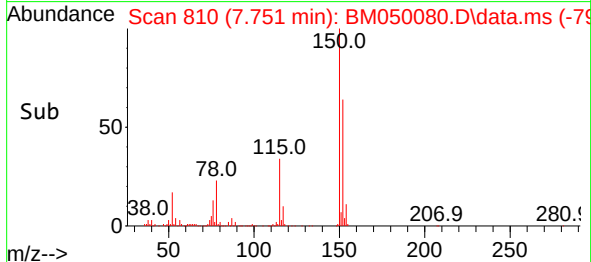
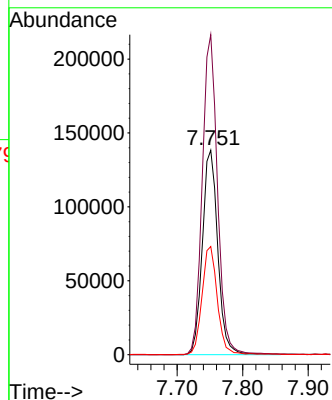
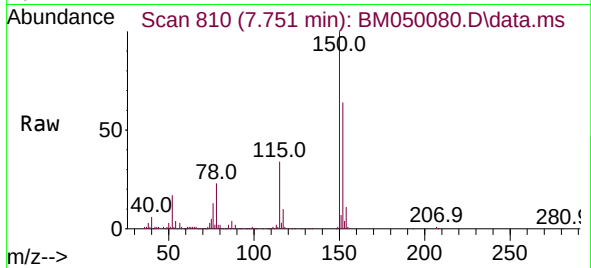




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 813
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

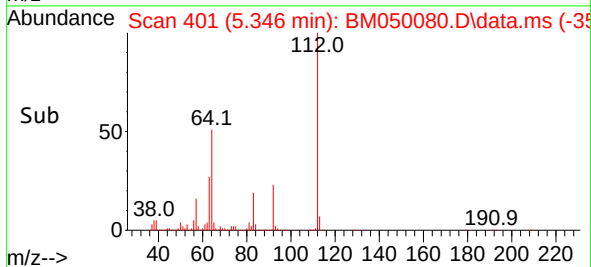
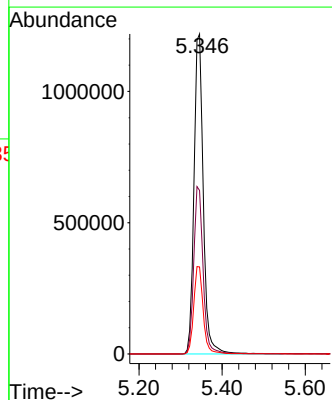
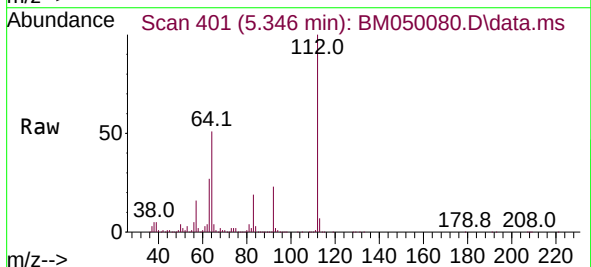
Instrument :
BNA_M
ClientSampleId :
PB167803BL

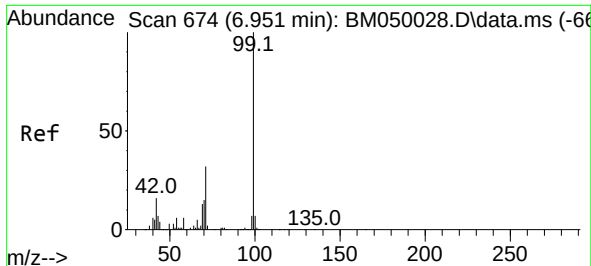
Tgt Ion:152 Resp: 227359
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 52.9 41.2 61.8



#5
2-Fluorophenol
Concen: 145.484 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:112 Resp: 1888957
Ion Ratio Lower Upper
112 100
64 51.1 42.6 64.0
63 27.2 22.2 33.4

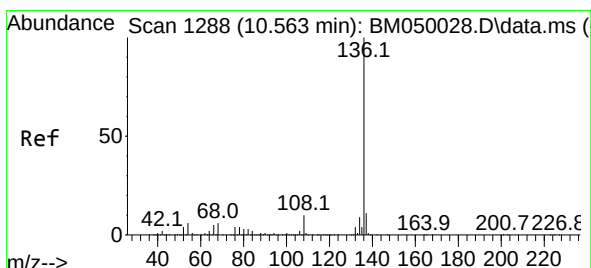
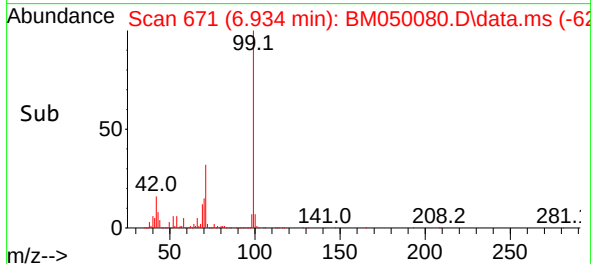
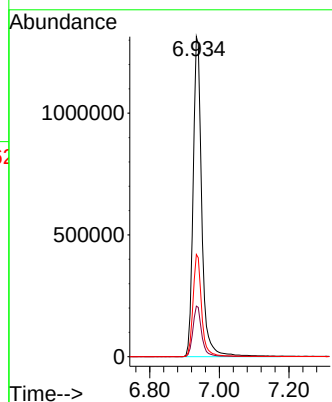
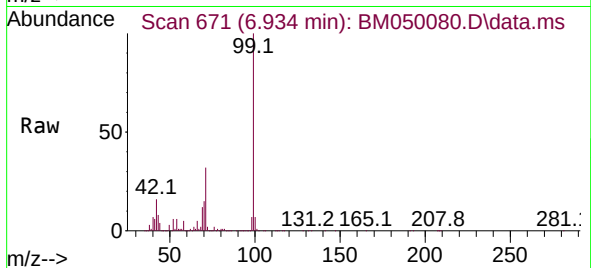




#7
Phenol-d6
Concen: 139.400 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

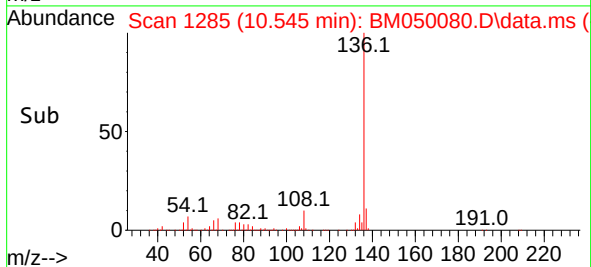
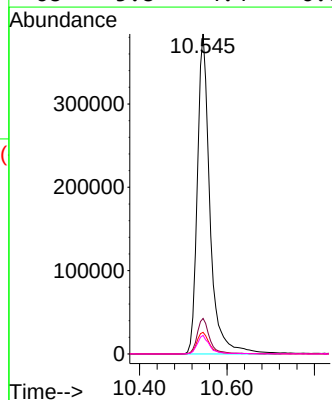
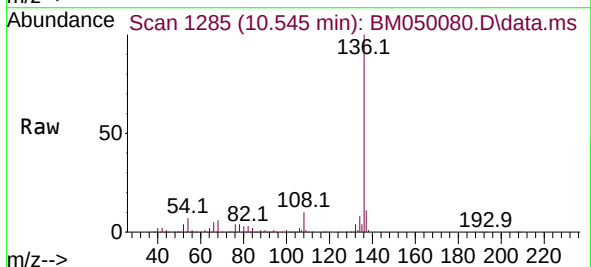
Instrument :
BNA_M
ClientSampleId :
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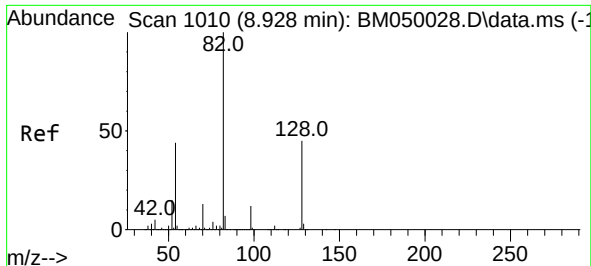
Tgt Ion: 99 Resp: 2274901
Ion Ratio Lower Upper
99 100
42 15.8 13.0 19.4
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion: 136 Resp: 771197
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 5.1 7.7
68 5.8 4.4 6.6

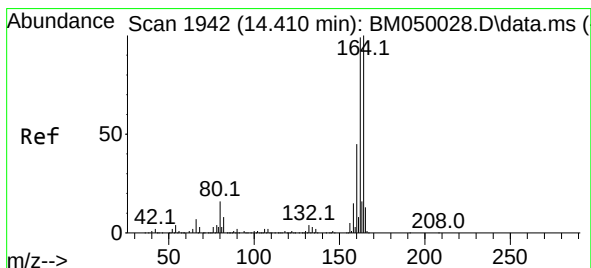
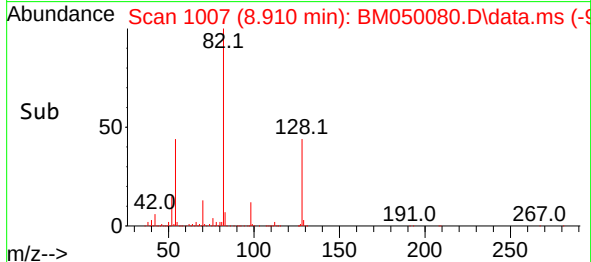
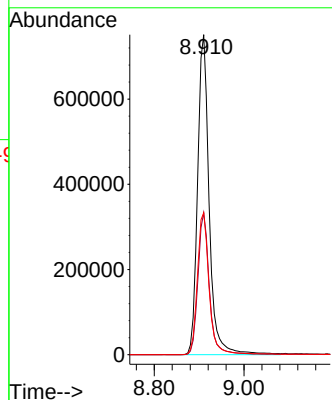
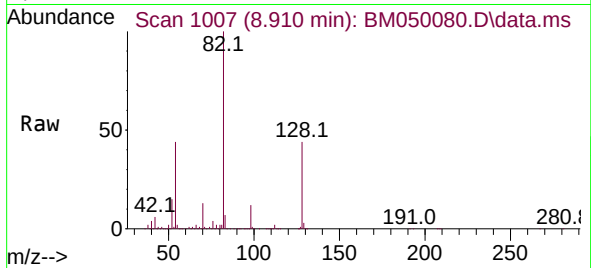




#23
Nitrobenzene-d5
Concen: 85.904 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

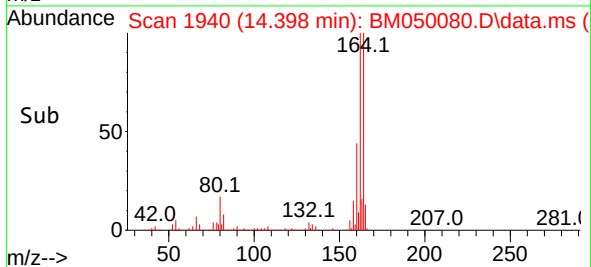
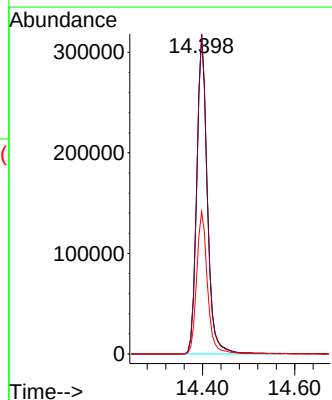
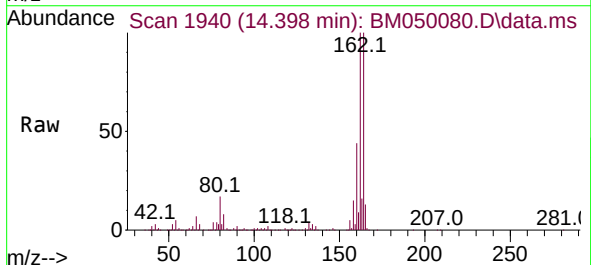
Instrument :
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ClientSampleId :
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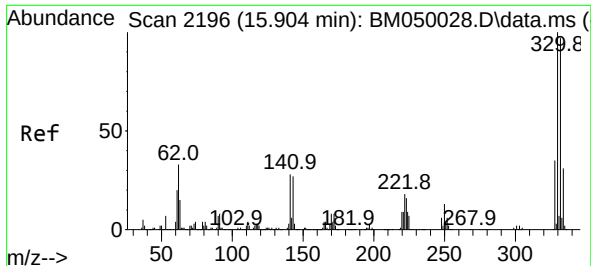
Tgt Ion: 82 Resp: 1344435
Ion Ratio Lower Upper
82 100
128 44.3 35.7 53.5
54 44.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:164 Resp: 505614
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 44.5 36.2 54.4

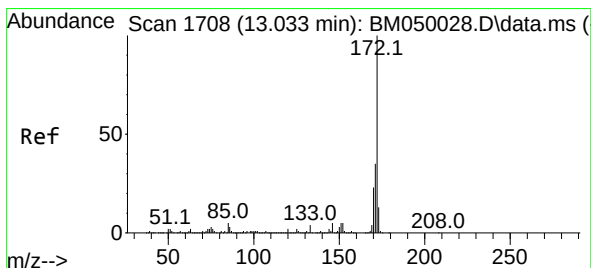
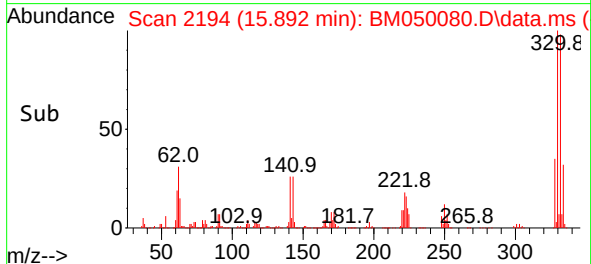
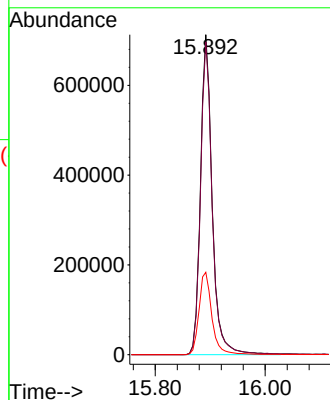
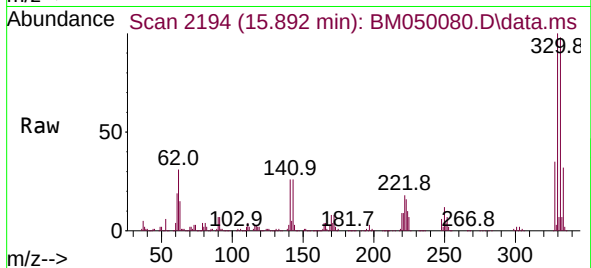




#42
2,4,6-Tribromophenol
Concen: 141.816 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

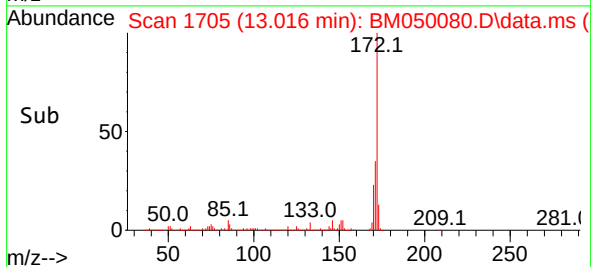
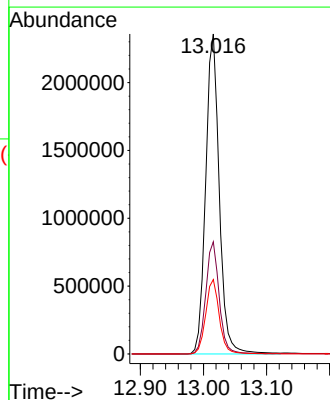
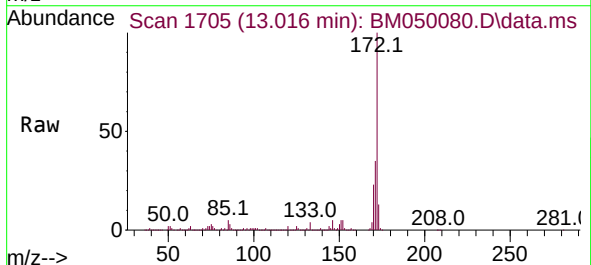
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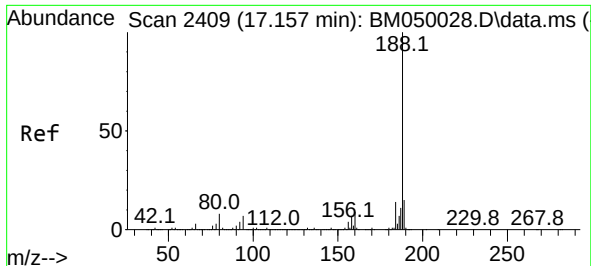
Tgt Ion:330 Resp: 1060240
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 28.3 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 82.713 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:172 Resp: 3535203
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.3 18.6 28.0

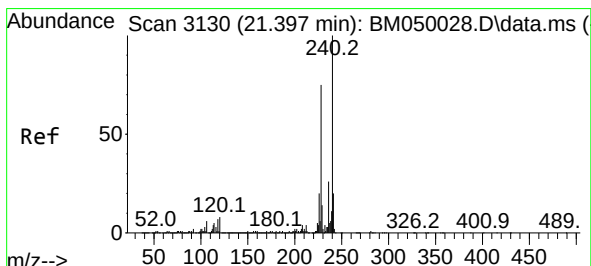
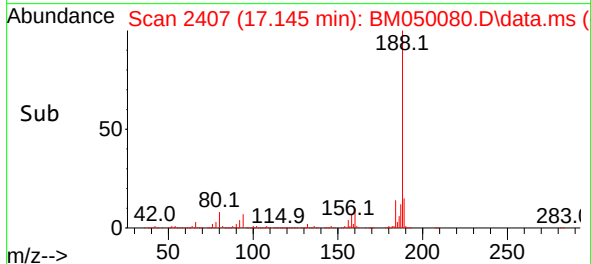
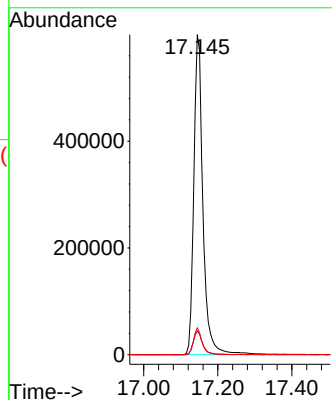
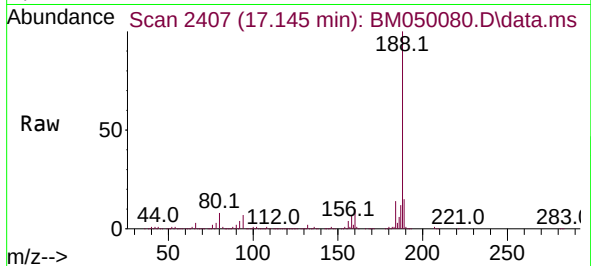




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

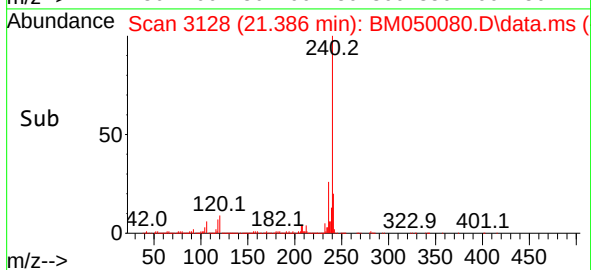
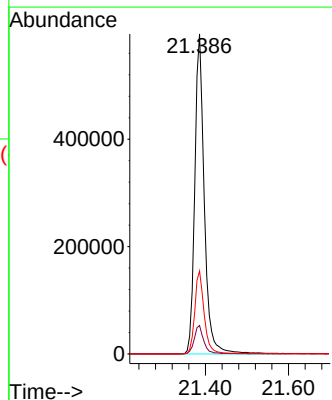
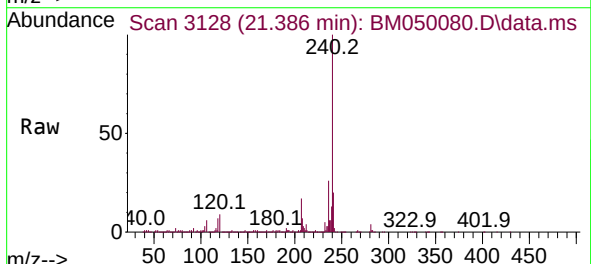
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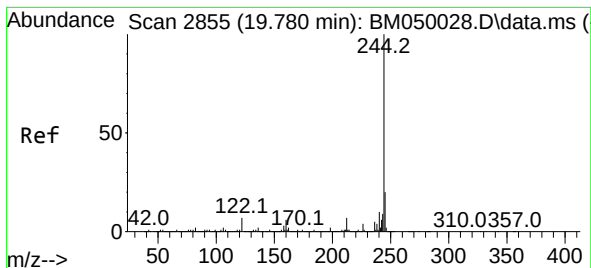
Tgt Ion:188 Resp: 1028817
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.4 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050080.D
Acq: 02 May 2025 11:13

Tgt Ion:240 Resp: 949846
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 96.438 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050080.D

Acq: 02 May 2025 11:13

Instrument :

BNA_M

ClientSampleId :

PB167803BL

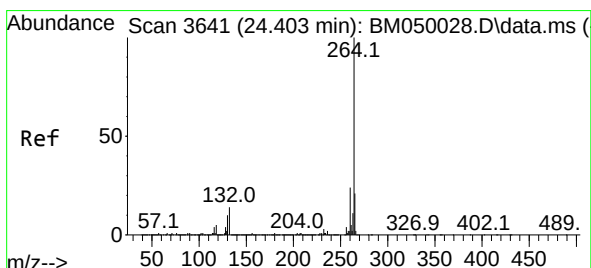
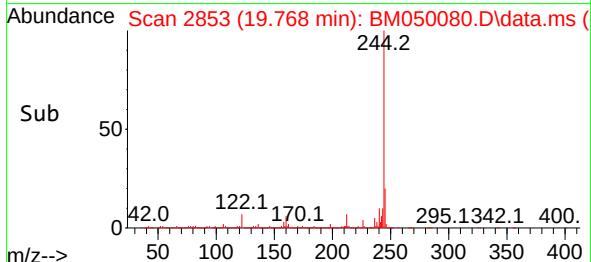
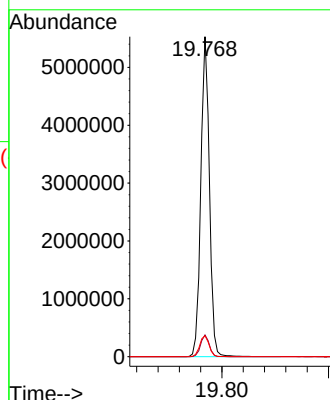
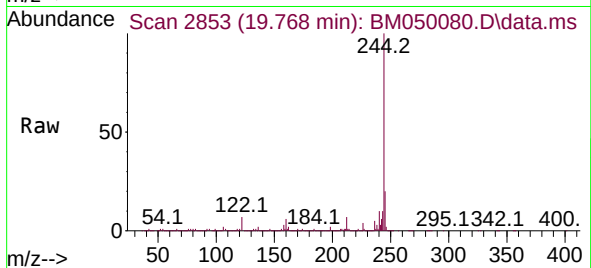
Tgt Ion:244 Resp: 6190324

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.6 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.029 min

Lab File: BM050080.D

Acq: 02 May 2025 11:13

Tgt Ion:264 Resp: 1027399

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.2 17.0 25.4

