

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050090.D
 Acq On : 02 May 2025 17:57
 Operator : RC/JU
 Sample : Q1922-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-R

Quant Time: May 02 23:57:59 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)

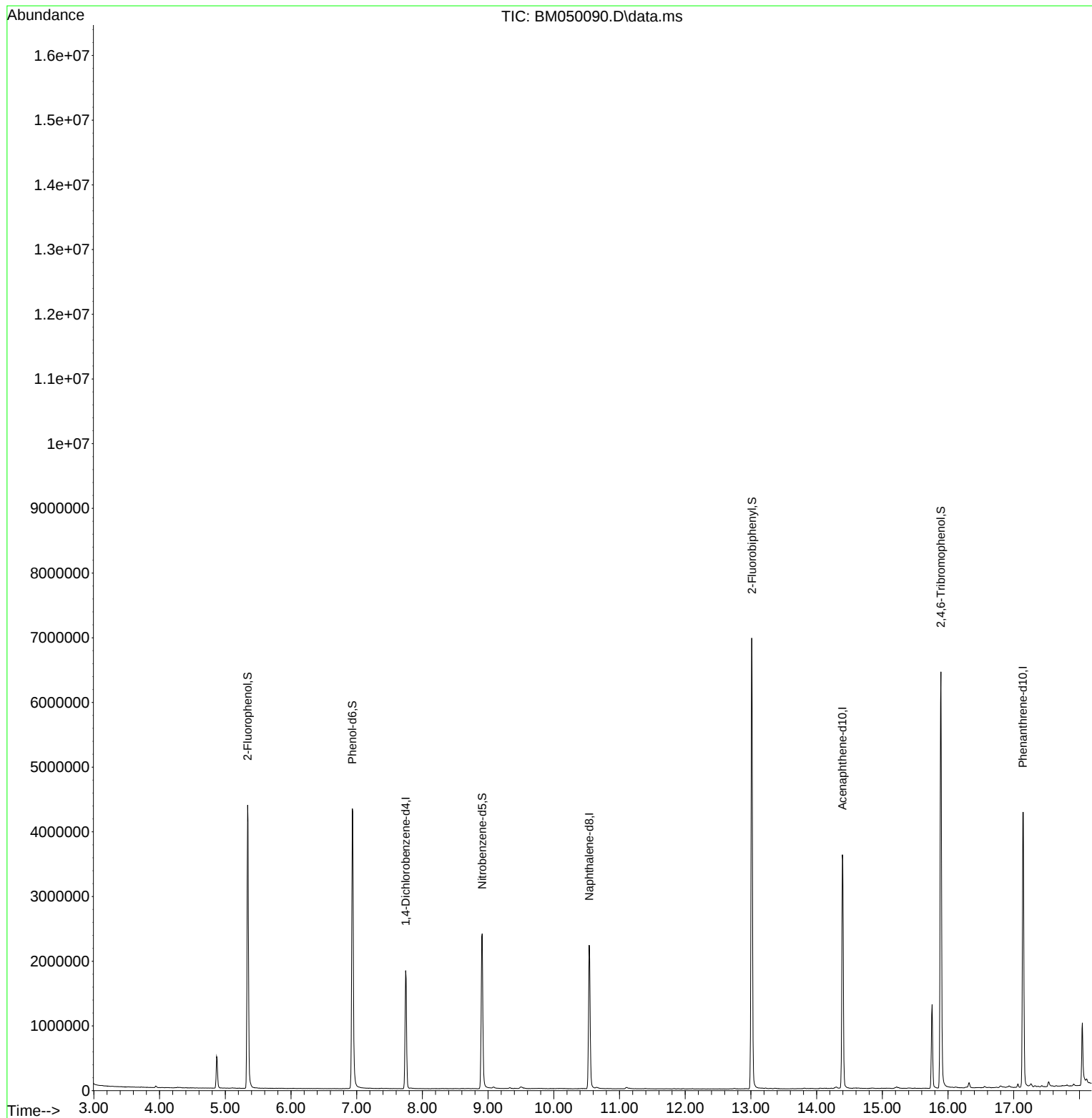
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	544821	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	2004391	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	1422032	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	2846968	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1805172	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1700690	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2109829	67.811	ng	-0.02
7) Phenol-d6	6.934	99	2899121	74.136	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1545776	38.002	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1555020	73.955	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	4108377	34.177	ng	-0.02
79) Terphenyl-d14	19.768	244	6733969	55.200	ng	-0.01
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.286	149	162836	2.296	ng	Qvalue 99

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

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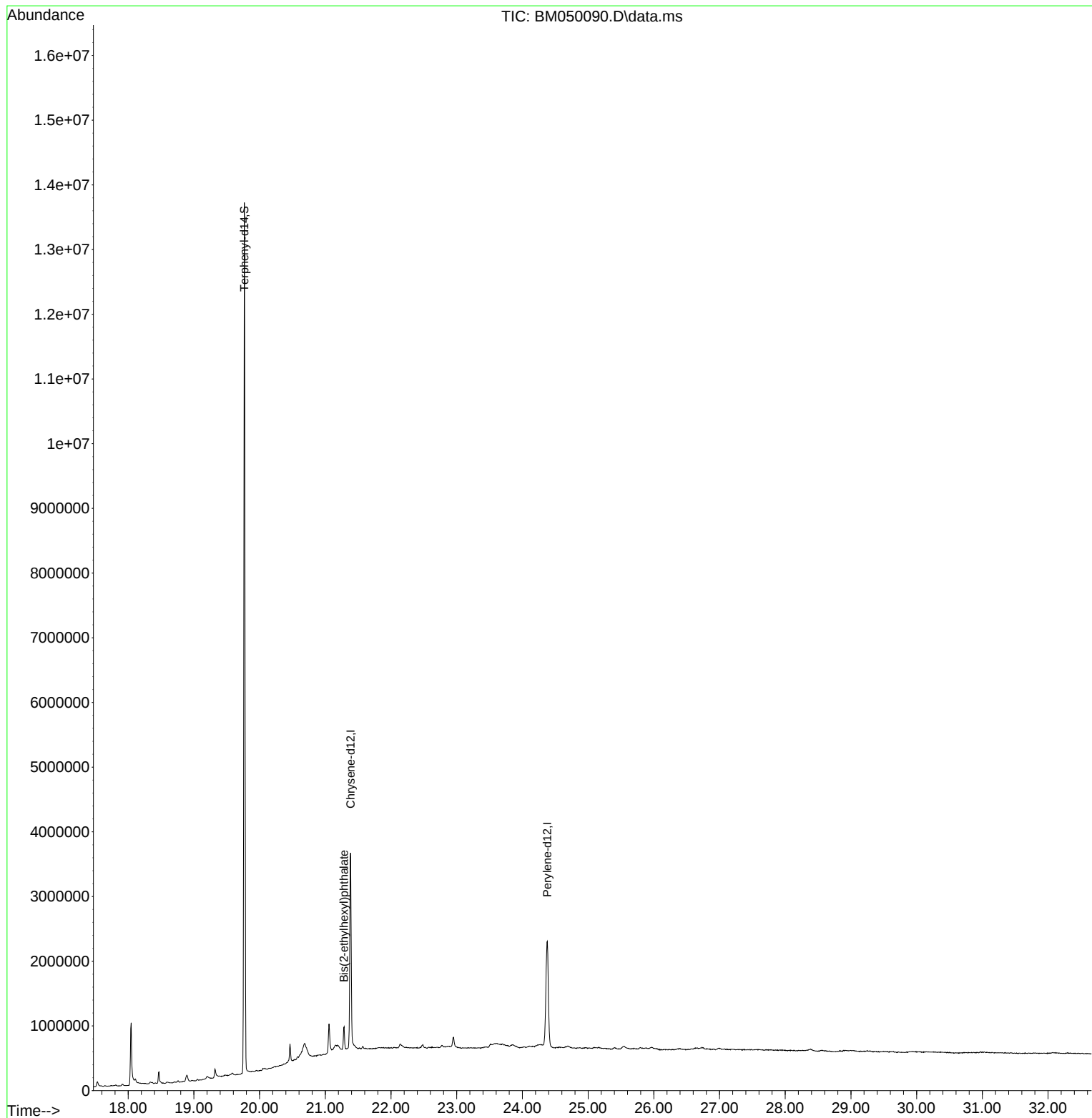
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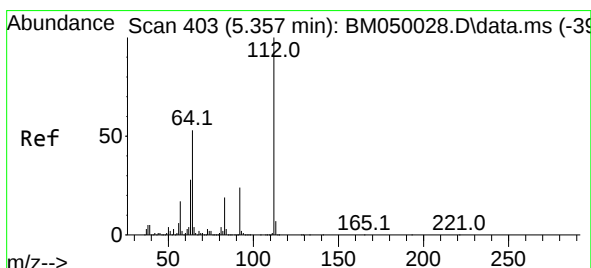
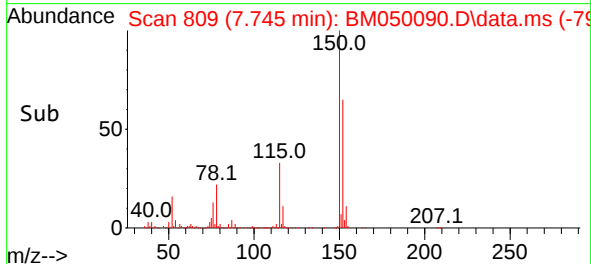
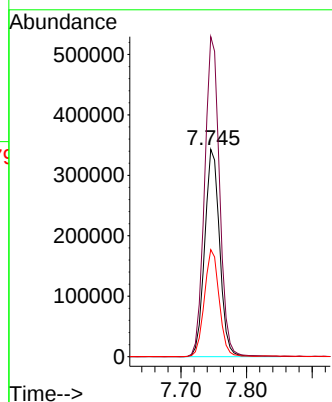
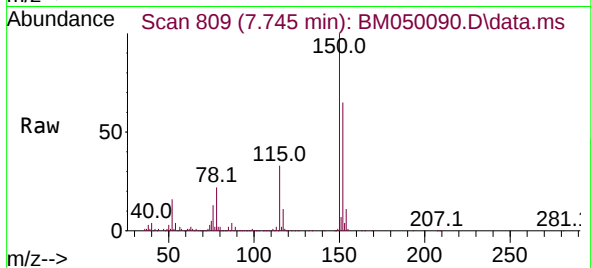




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

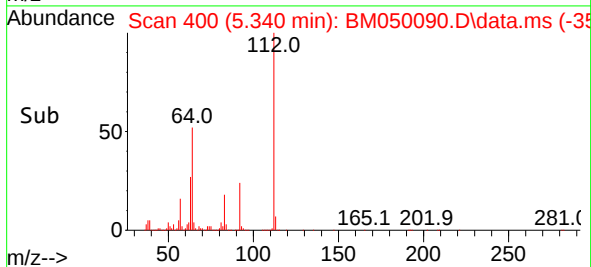
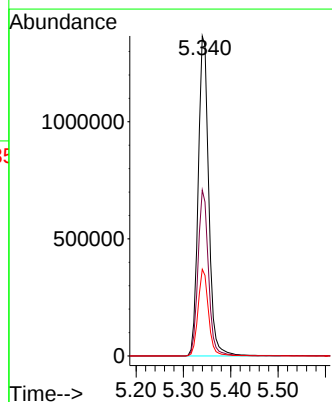
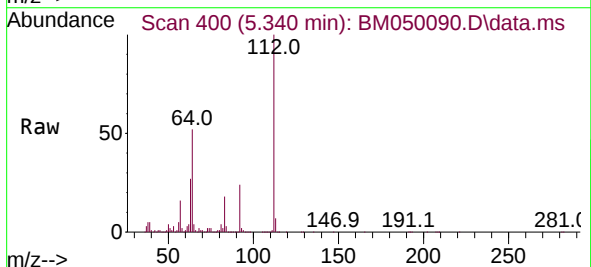
Instrument :
BNA_M
ClientSampleId :
MH-R

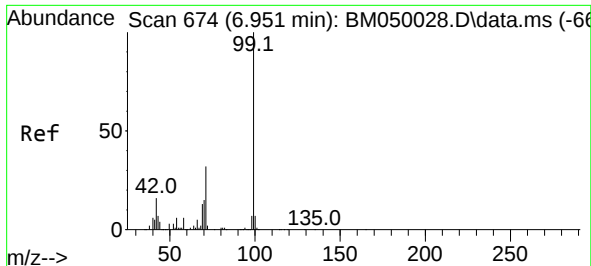
Tgt Ion:152 Resp: 544821
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 51.6 41.2 61.8



#5
2-Fluorophenol
Concen: 67.811 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

Tgt Ion:112 Resp: 2109829
Ion Ratio Lower Upper
112 100
64 51.8 42.6 64.0
63 27.1 22.2 33.4

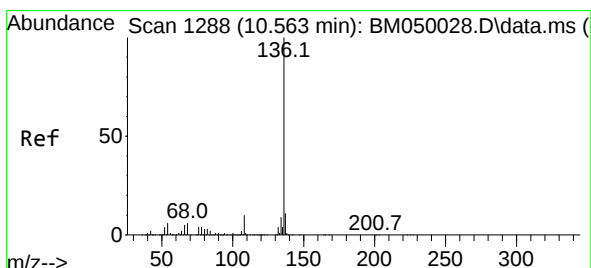
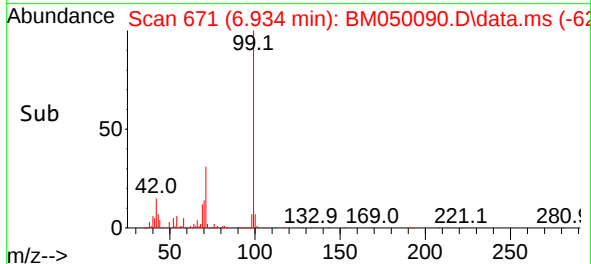
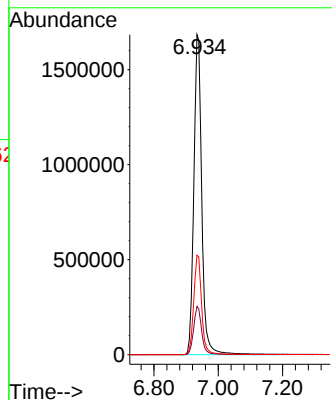
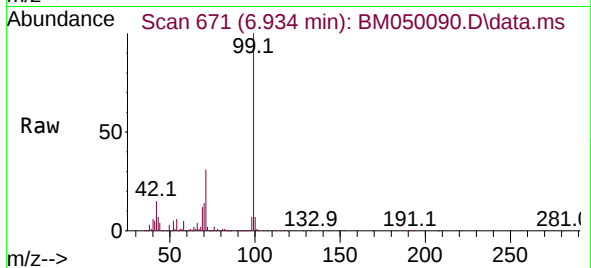




#7
Phenol-d6
Concen: 74.136 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

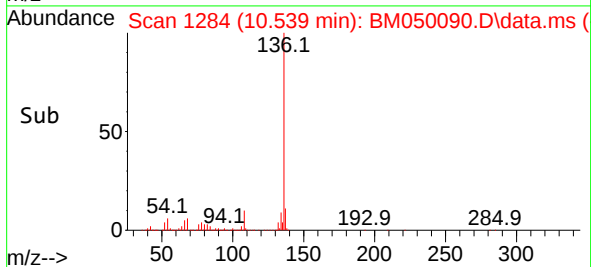
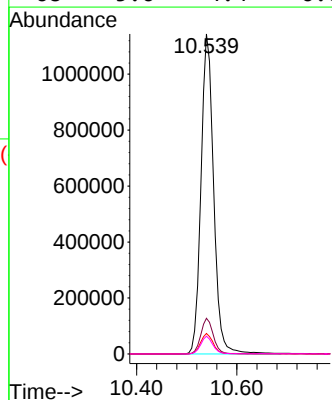
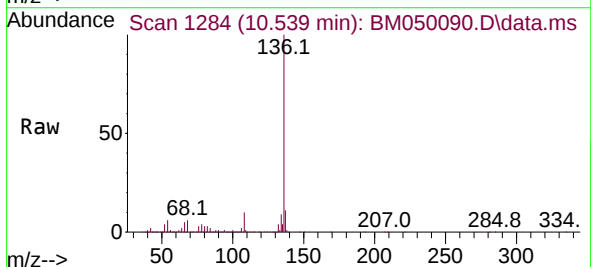
Instrument :
BNA_M
ClientSampleId :
MH-R

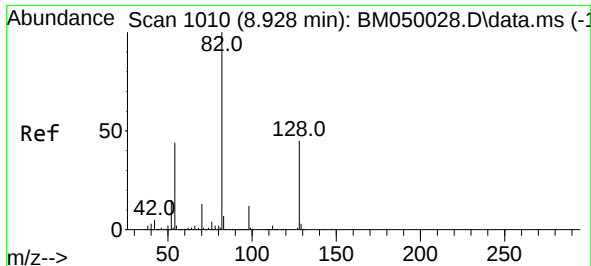
Tgt Ion: 99 Resp: 2899121
Ion Ratio Lower Upper
99 100
42 15.1 13.0 19.4
71 31.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

Tgt Ion: 136 Resp: 2004391
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.4 5.1 7.7
68 5.6 4.4 6.6

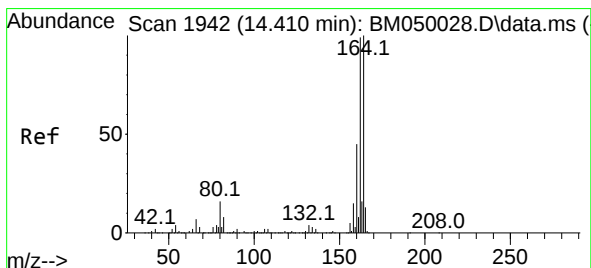
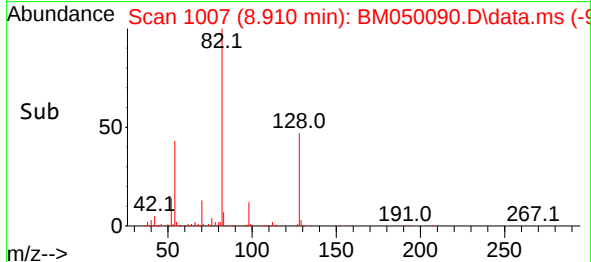
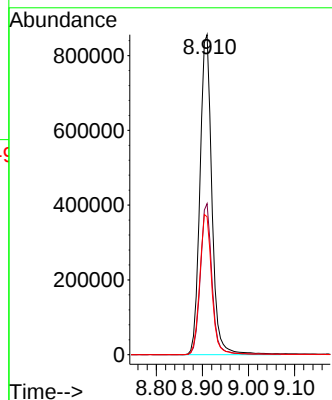
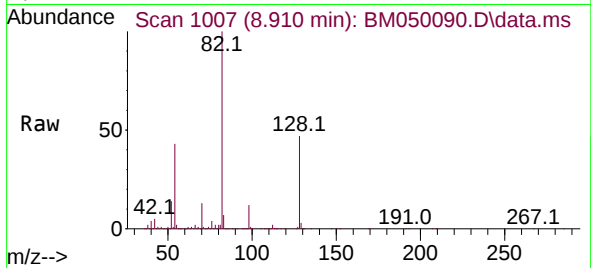




#23
Nitrobenzene-d5
Concen: 38.002 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

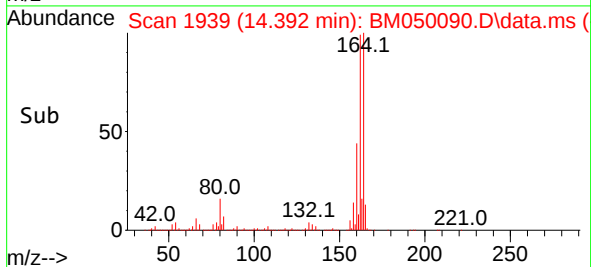
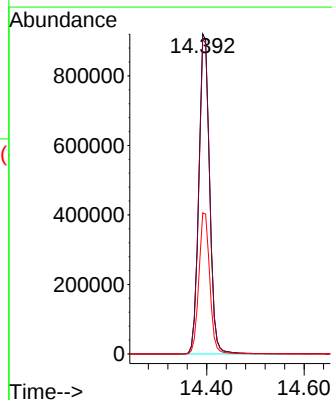
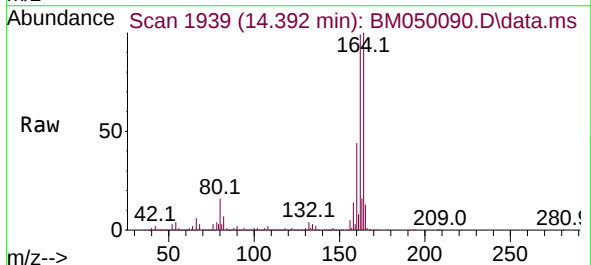
Instrument :
BNA_M
ClientSampleId :
MH-R

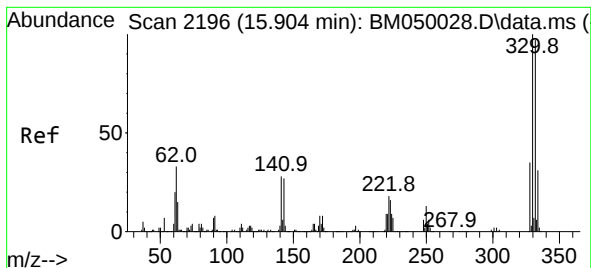
Tgt Ion: 82 Resp: 1545776
Ion Ratio Lower Upper
82 100
128 47.2 35.7 53.5
54 43.1 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

Tgt Ion:164 Resp: 1422032
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 73.955 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050090.D

Acq: 02 May 2025 17:57

Instrument :

BNA_M

ClientSampleId :

MH-R

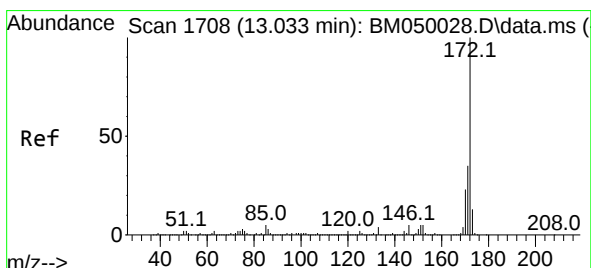
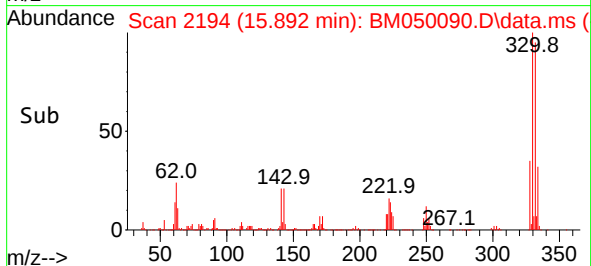
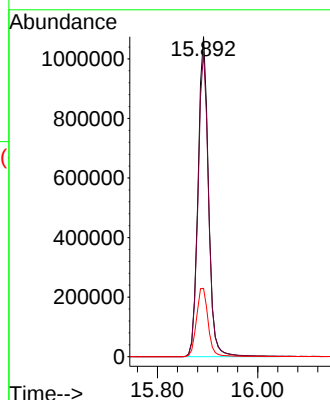
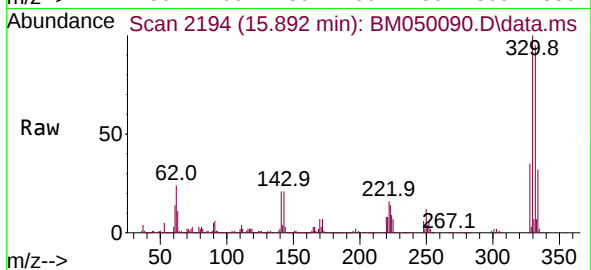
Tgt Ion:330 Resp: 1555020

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 23.7 22.5 33.7



#45

2-Fluorobiphenyl

Concen: 34.177 ng

RT: 13.016 min Scan# 1705

Delta R.T. -0.018 min

Lab File: BM050090.D

Acq: 02 May 2025 17:57

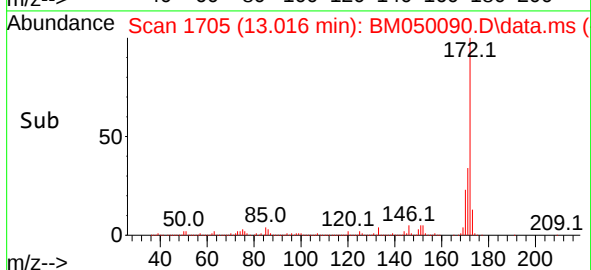
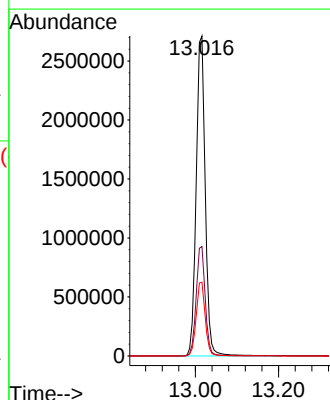
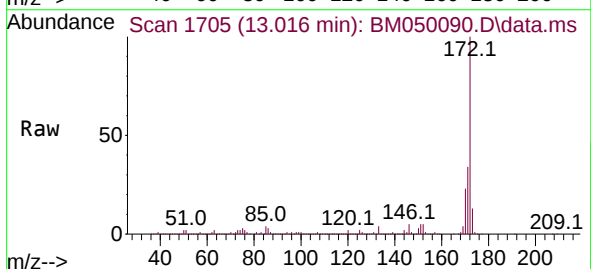
Tgt Ion:172 Resp: 4108377

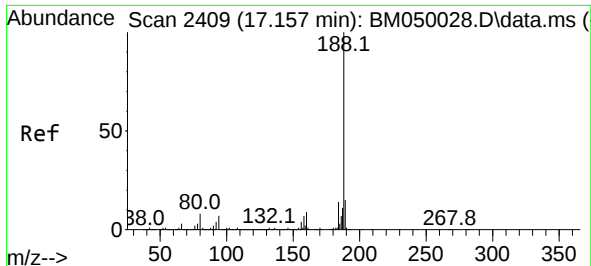
Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.6

170 23.0 18.6 28.0

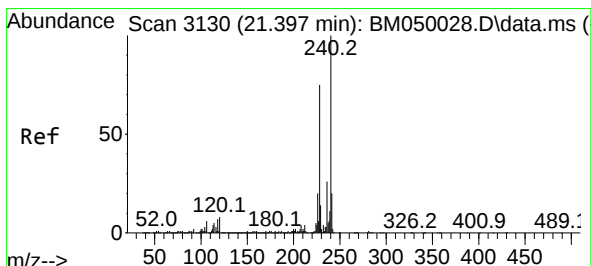
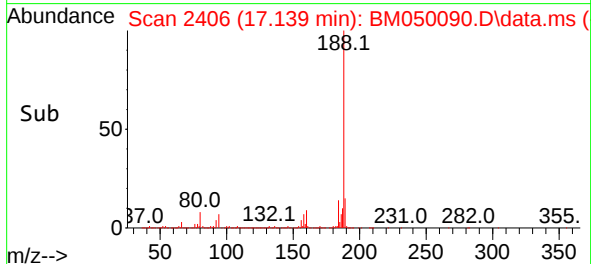
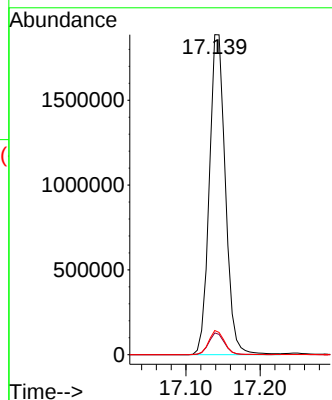
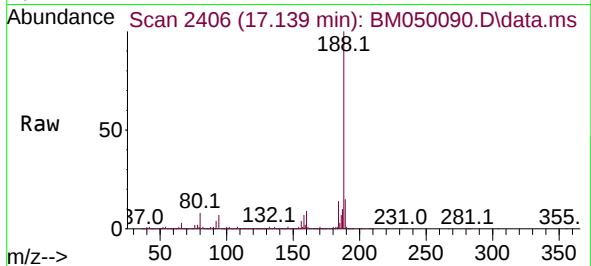




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

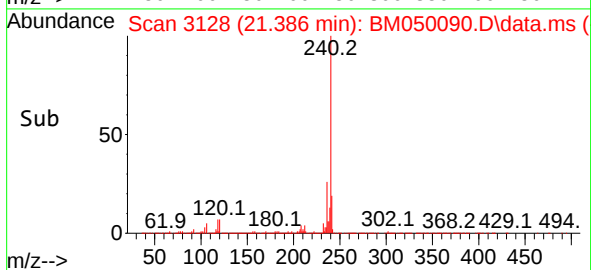
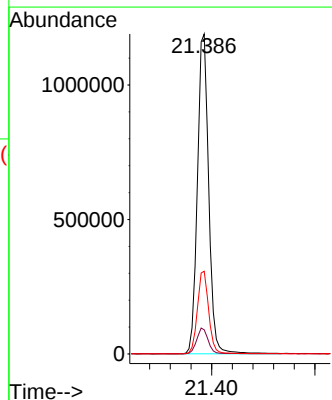
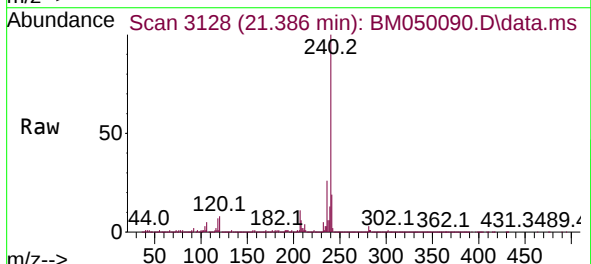
Instrument :
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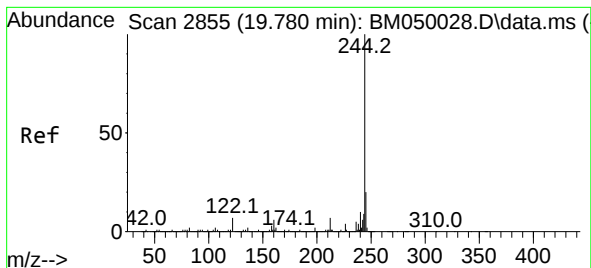
Tgt Ion:188 Resp: 2846968
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.5 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050090.D
Acq: 02 May 2025 17:57

Tgt Ion:240 Resp: 1805172
Ion Ratio Lower Upper
240 100
120 7.5 6.5 9.7
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 55.200 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050090.D

Acq: 02 May 2025 17:57

Instrument :

BNA_M

ClientSampleId :

MH-R

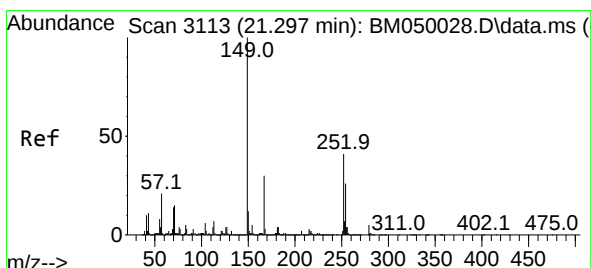
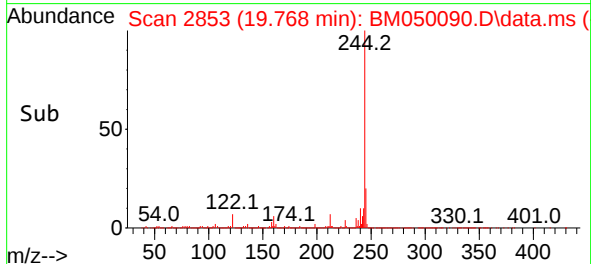
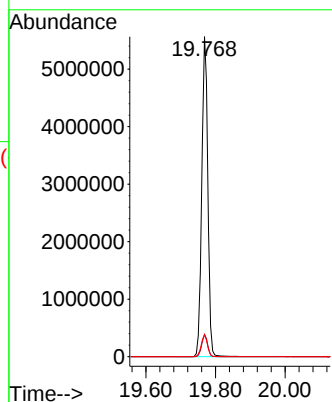
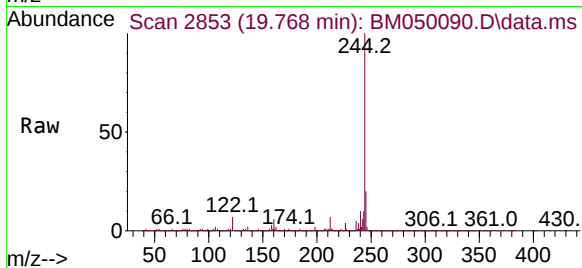
Tgt Ion:244 Resp: 6733969

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 6.9 5.6 8.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.296 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM050090.D

Acq: 02 May 2025 17:57

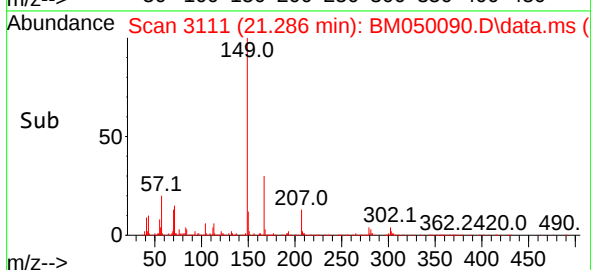
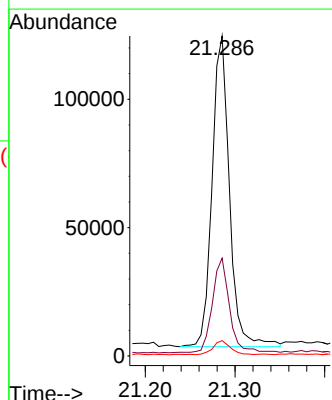
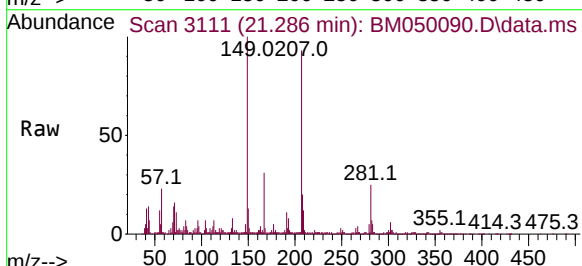
Tgt Ion:149 Resp: 162836

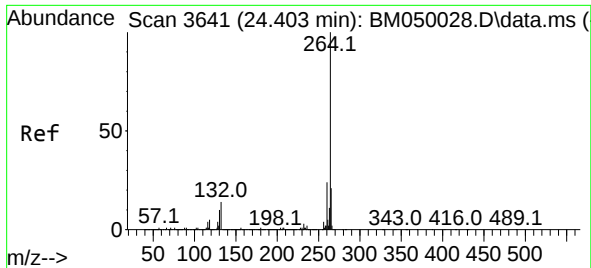
Ion Ratio Lower Upper

149 100

167 30.5 24.1 36.1

279 4.8 3.9 5.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.380 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BM050090.D
 Acq: 02 May 2025 17:57

Instrument :
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Tgt Ion:264 Resp: 1700690
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.1 17.0 25.4

