

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050249.D
 Acq On : 09 Jun 2025 19:40
 Operator : RC/JU
 Sample : Q2228-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP08-MHI-WC

Quant Time: Jun 10 01:26:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	344656	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1293755	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	699023	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1337378	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1265522	20.000	ng	-0.01
86) Perylene-d12	24.344	264	635863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2869963	138.907	ng	0.00
7) Phenol-d6	6.934	99	3323871	122.209	ng	0.00
23) Nitrobenzene-d5	8.916	82	2272103	91.337	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1180262	148.444	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4569653	88.504	ng	0.00
79) Terphenyl-d14	19.762	244	5766516	86.349	ng	0.00

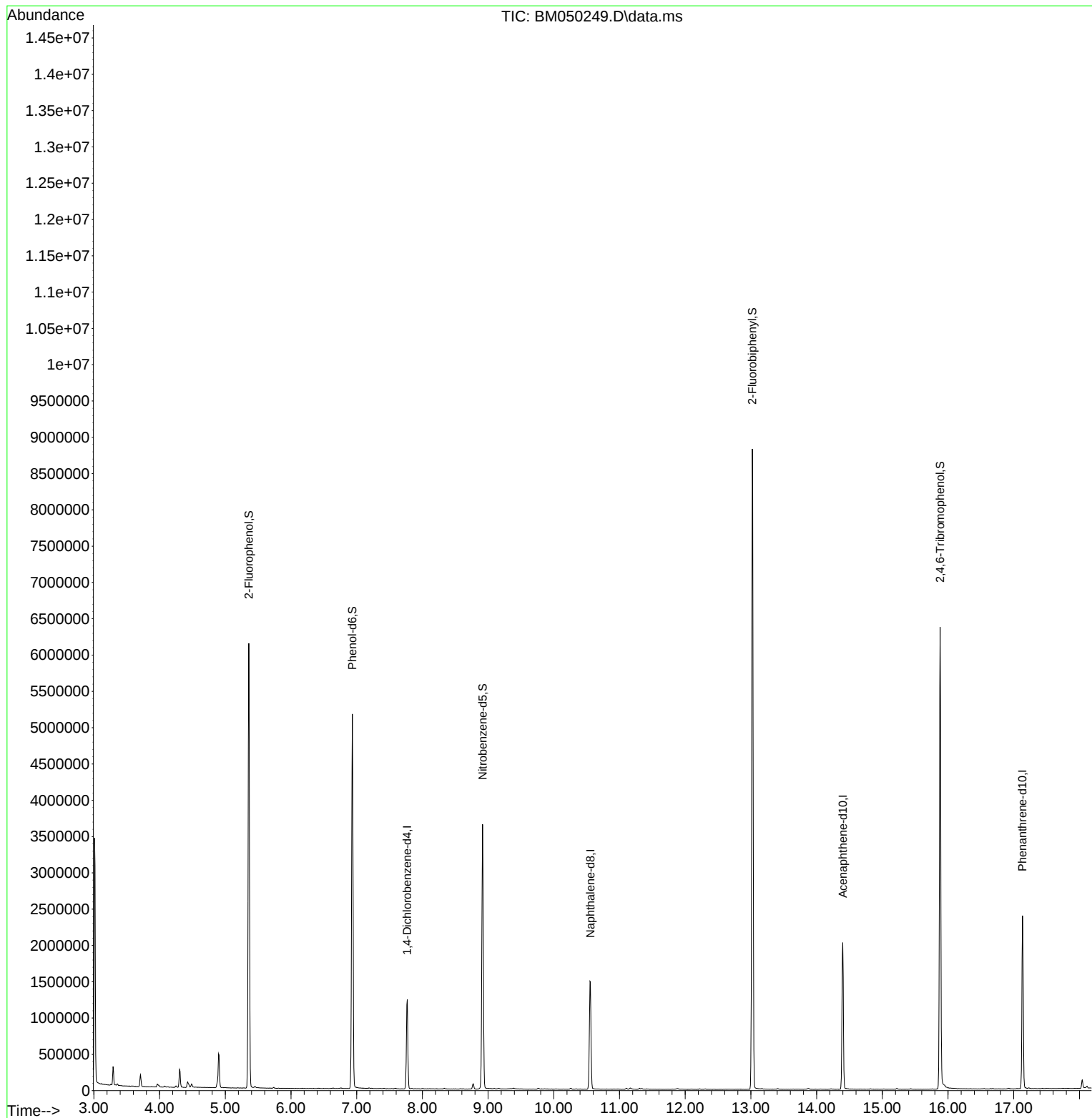
Target Compounds	Qvalue

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

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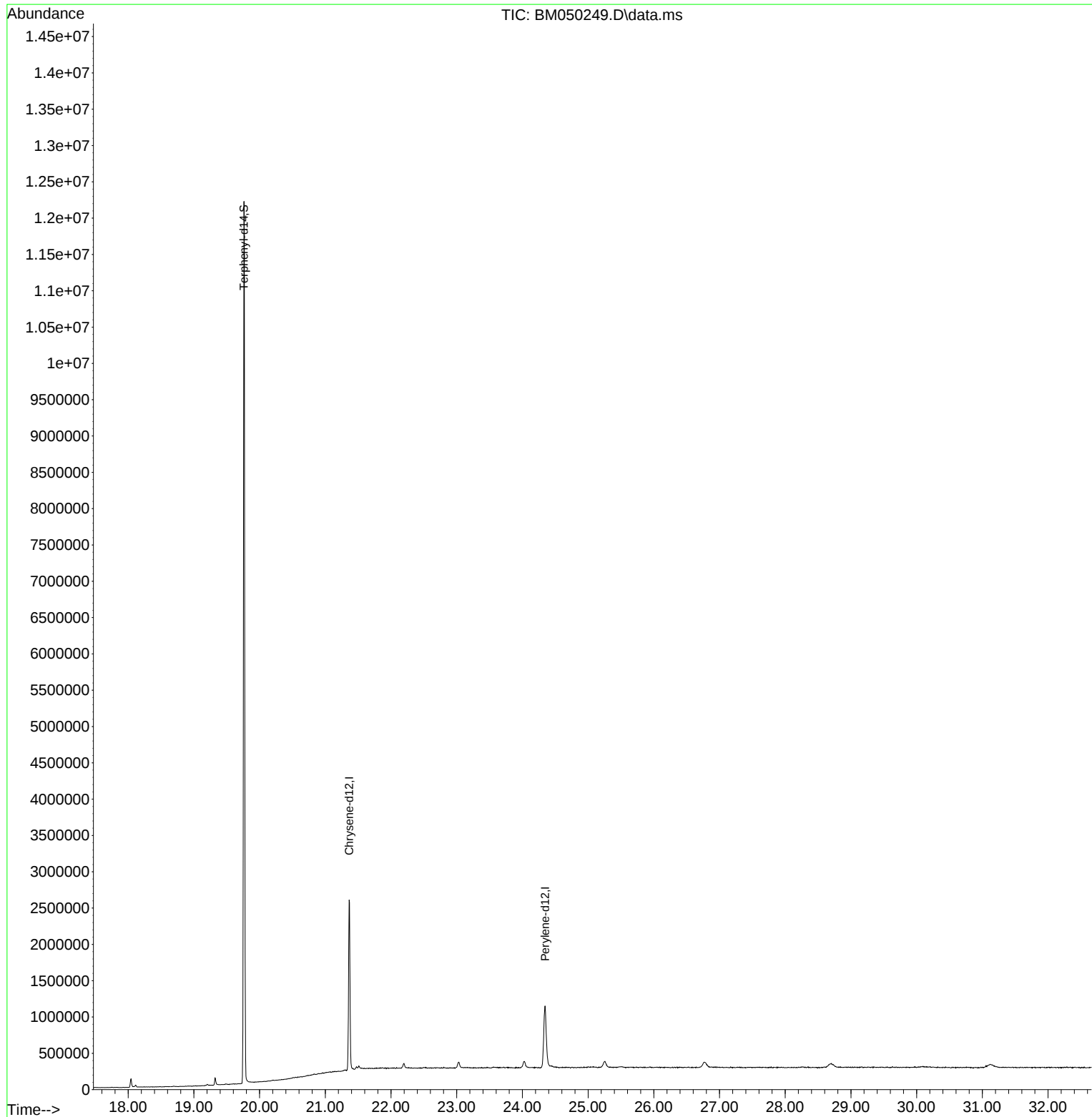
Quant Time: Jun 10 01:26:17 2025
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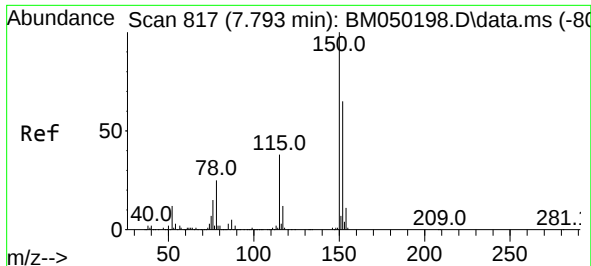


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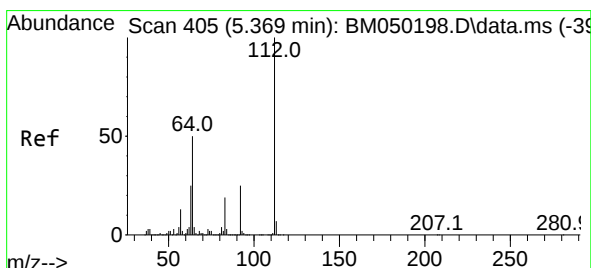
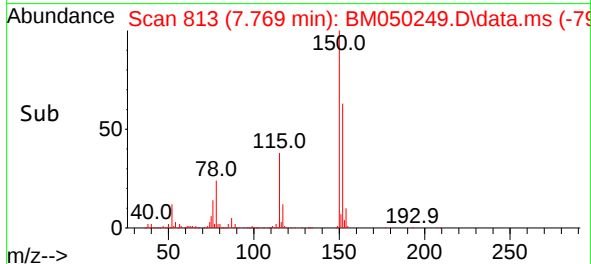
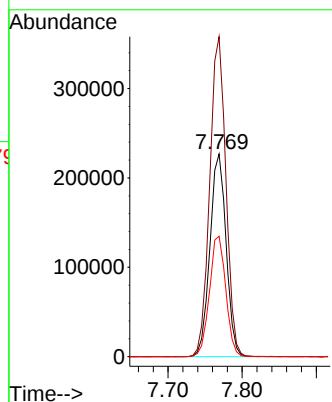
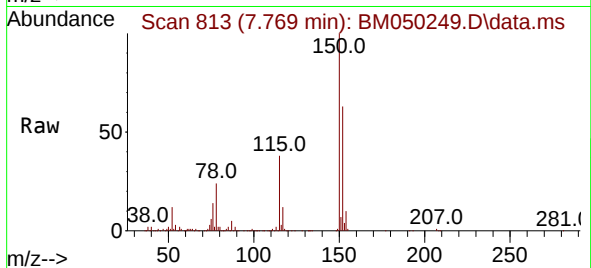




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050249.D
Acq: 09 Jun 2025 19:40

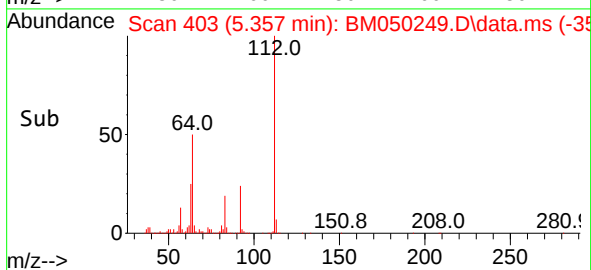
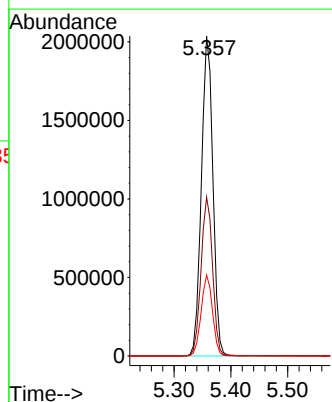
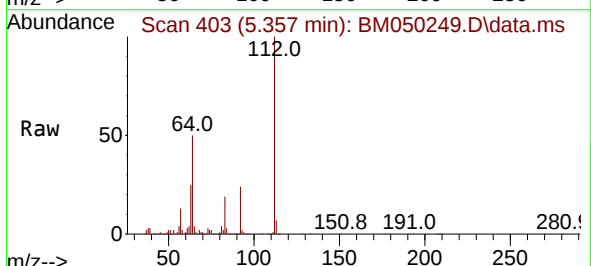
Instrument :
BNA_M
ClientSampleId :
TP08-MHI-WC

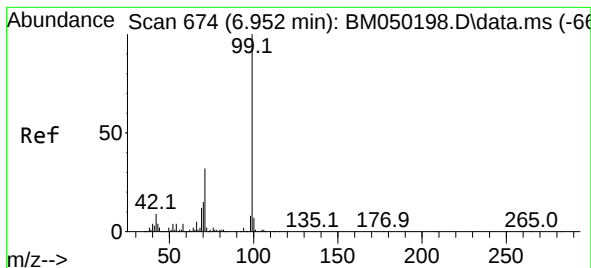
Tgt Ion:152 Resp: 344656
Ion Ratio Lower Upper
152 100
150 157.9 122.2 183.4
115 59.4 46.3 69.5



#5
2-Fluorophenol
Concen: 138.907 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050249.D
Acq: 09 Jun 2025 19:40

Tgt Ion:112 Resp: 2869963
Ion Ratio Lower Upper
112 100
64 49.6 39.8 59.6
63 25.3 19.8 29.8





#7

Phenol-d6

Concen: 122.209 ng

RT: 6.934 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM050249.D

Acq: 09 Jun 2025 19:40

Instrument :

BNA_M

ClientSampleId :

TP08-MHI-WC

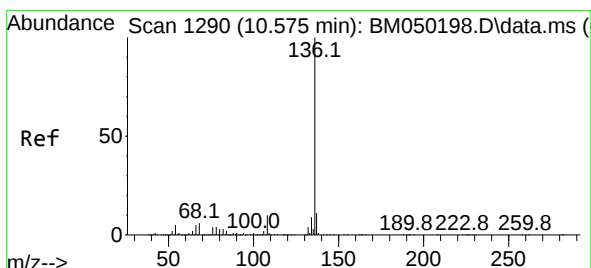
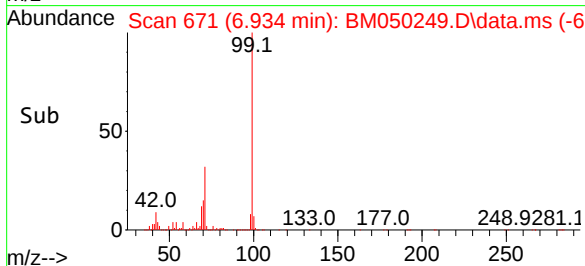
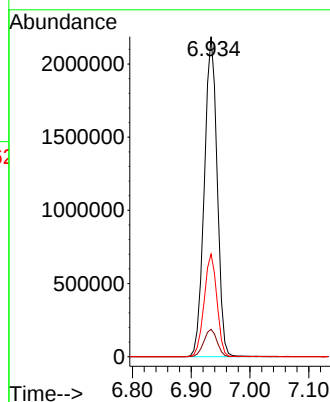
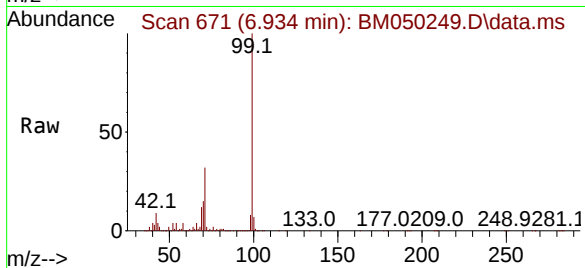
Tgt Ion: 99 Resp: 3323871

Ion Ratio Lower Upper

99 100

42 8.5 6.9 10.3

71 32.0 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BM050249.D

Acq: 09 Jun 2025 19:40

Tgt Ion: 136 Resp: 1293755

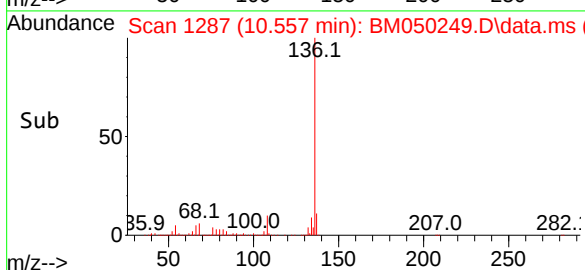
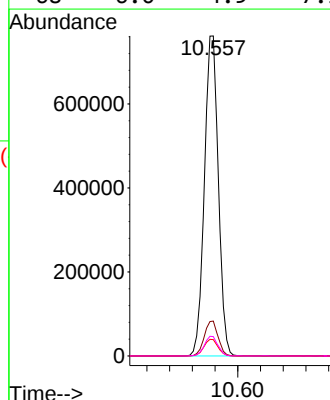
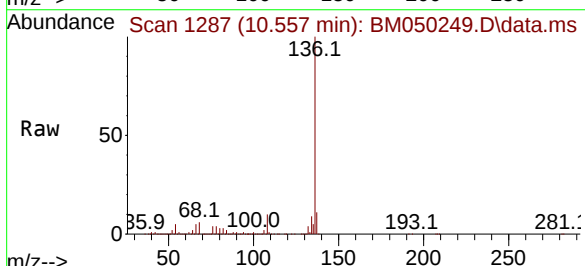
Ion Ratio Lower Upper

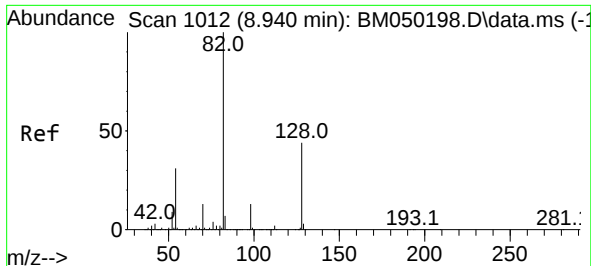
136 100

137 10.9 8.6 13.0

54 5.1 3.8 5.8

68 6.0 4.9 7.3



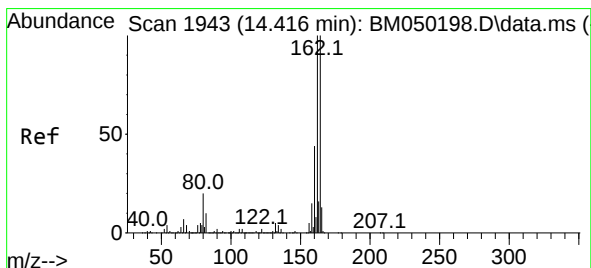
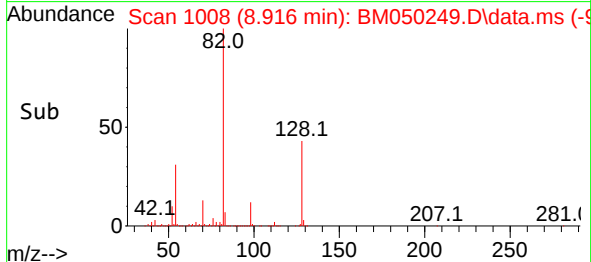
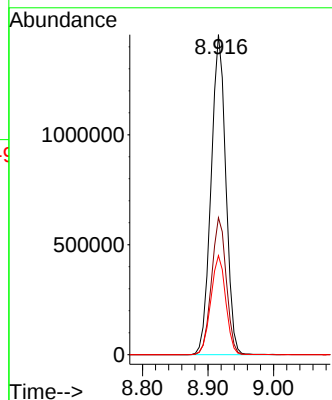
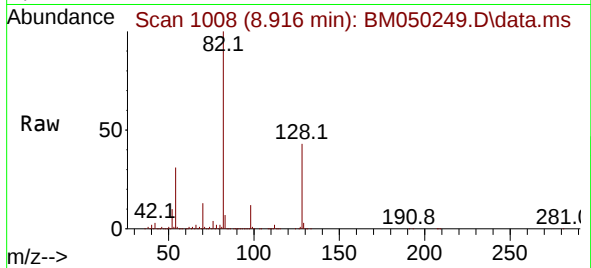


#23
 Nitrobenzene-d5
 Concen: 91.337 ng
 RT: 8.916 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: BM050249.D
 Acq: 09 Jun 2025 19:40

Instrument :
 BNA_M
 ClientSampleId :
 TP08-MHI-WC

Tgt Ion: 82 Resp: 2272103

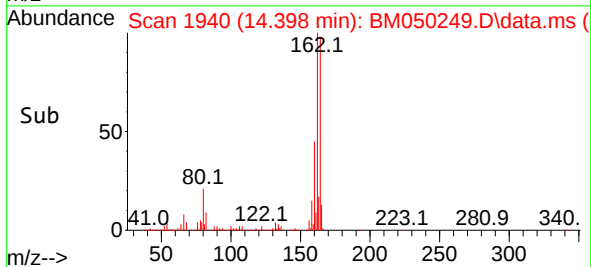
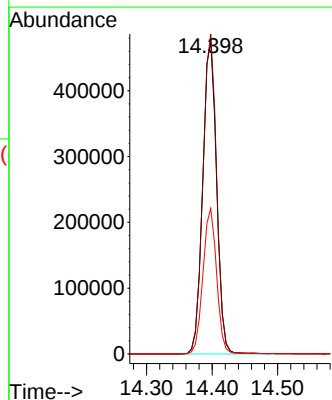
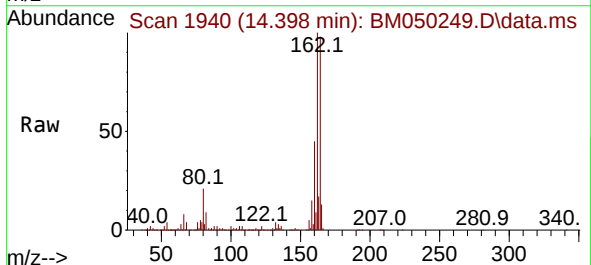
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.2	52.8
54	31.0	24.5	36.7

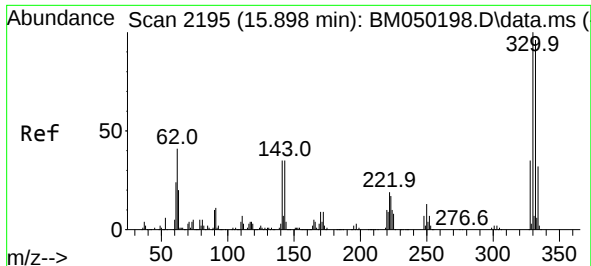


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.398 min Scan# 1940
 Delta R.T. 0.000 min
 Lab File: BM050249.D
 Acq: 09 Jun 2025 19:40

Tgt Ion: 164 Resp: 699023

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.4
160	46.7	35.7	53.5

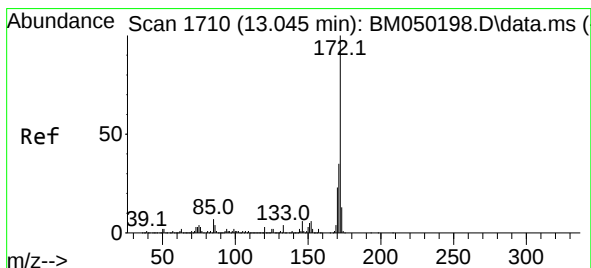
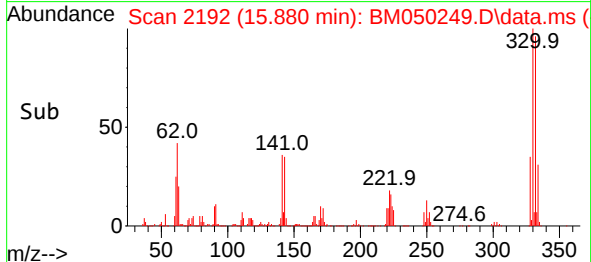
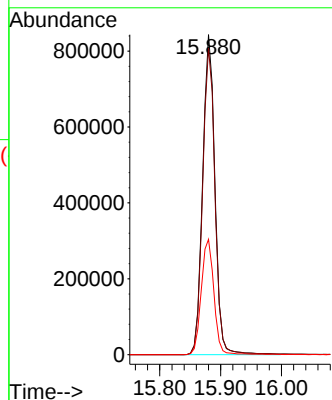
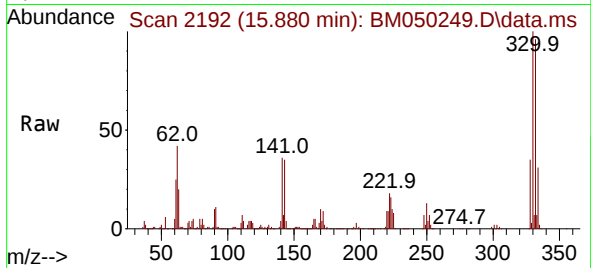




#42
2,4,6-Tribromophenol
Concen: 148.444 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050249.D
Acq: 09 Jun 2025 19:40

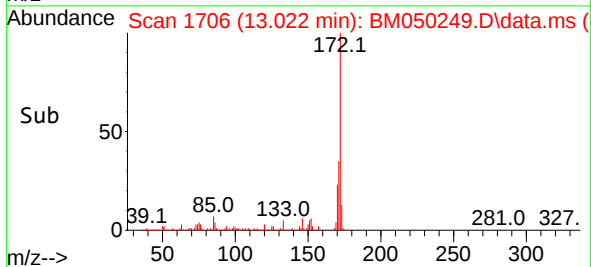
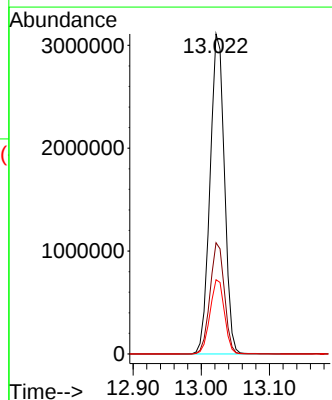
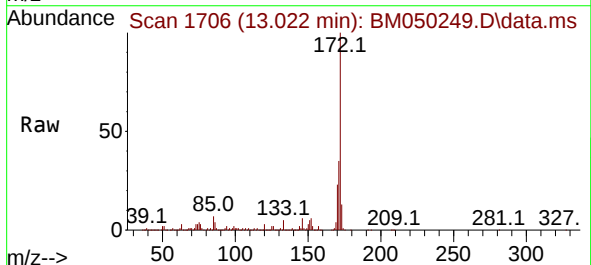
Instrument :
BNA_M
ClientSampleId :
TP08-MHI-WC

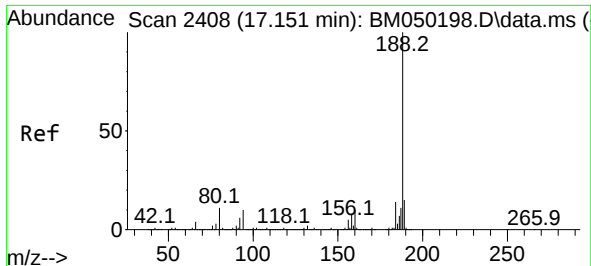
Tgt Ion:330 Resp: 1180262
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 37.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.504 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050249.D
Acq: 09 Jun 2025 19:40

Tgt Ion:172 Resp: 4569653
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 27.8

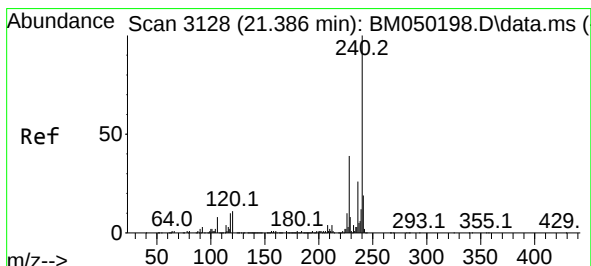
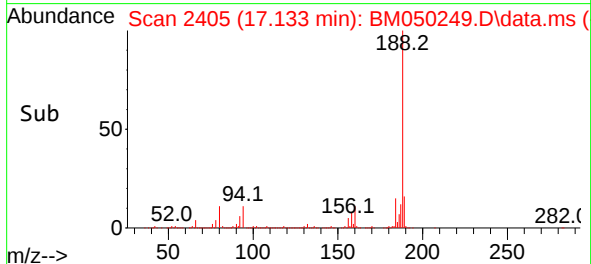
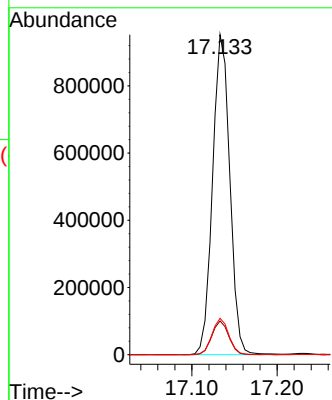
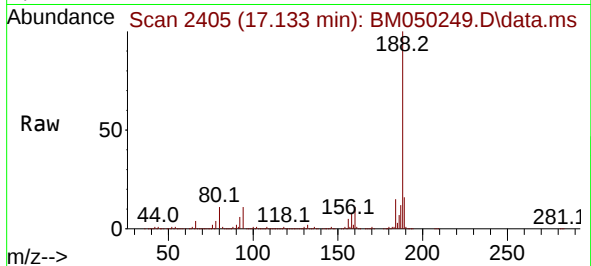




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050249.D
Acq: 09 Jun 2025 19:40

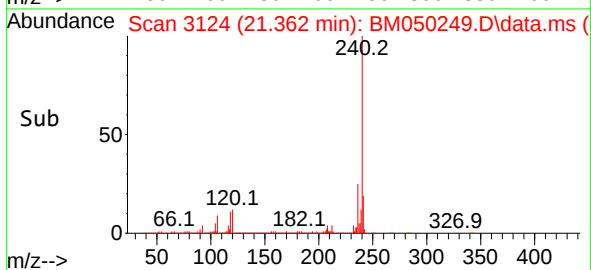
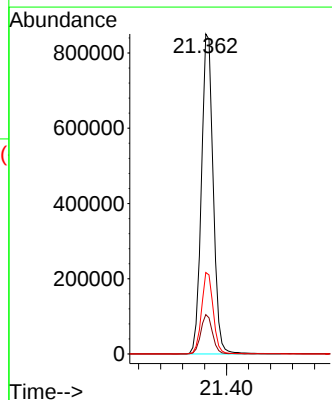
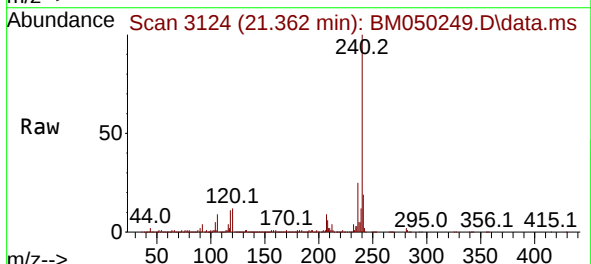
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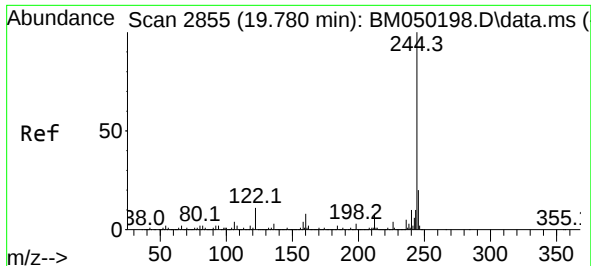
Tgt Ion:188 Resp: 1337378
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050249.D
Acq: 09 Jun 2025 19:40

Tgt Ion:240 Resp: 1265522
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.4
236 25.4 20.7 31.1

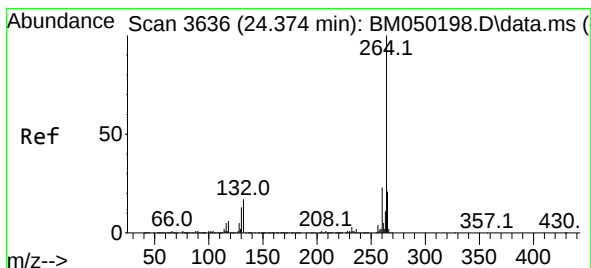
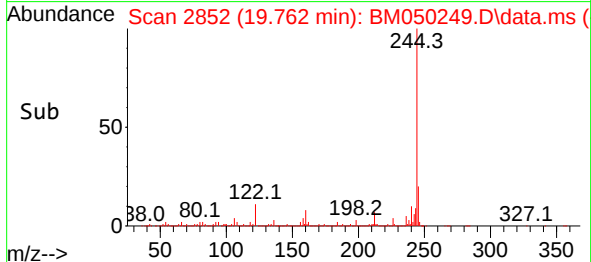
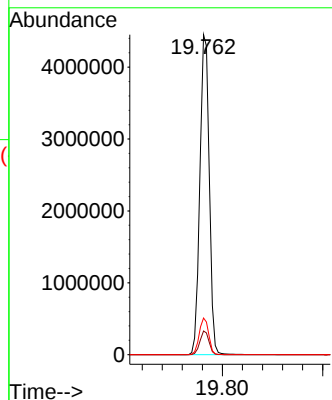
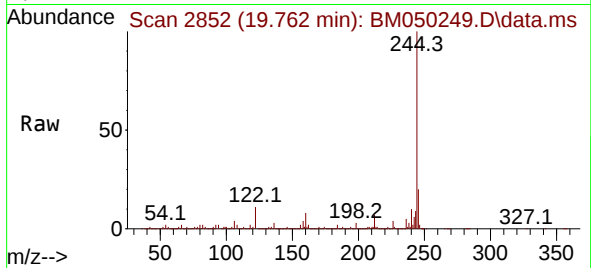




#79
 Terphenyl-d14
 Concen: 86.349 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050249.D
 Acq: 09 Jun 2025 19:40

Instrument :
 BNA_M
 ClientSampleId :
 TP08-MHI-WC

Tgt Ion:244 Resp: 5766516
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.344 min Scan# 3631
 Delta R.T. 0.000 min
 Lab File: BM050249.D
 Acq: 09 Jun 2025 19:40

Tgt Ion:264 Resp: 635863
 Ion Ratio Lower Upper
 264 100
 260 27.4 18.6 28.0
 265 21.5 16.8 25.2

