

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050246.D
 Acq On : 09 Jun 2025 17:43
 Operator : RC/JU
 Sample : PB168311TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 01:25:35 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	348706	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1311818	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	755301	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1467647	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1523440	20.000	ng	0.00
86) Perylene-d12	24.344	264	1647706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2951685	141.203	ng	0.00
7) Phenol-d6	6.934	99	3637251	132.177	ng	0.00
23) Nitrobenzene-d5	8.916	82	2171348	86.085	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1216044	141.548	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4669156	83.693	ng	0.00
79) Terphenyl-d14	19.768	244	6569575	81.720	ng	0.00

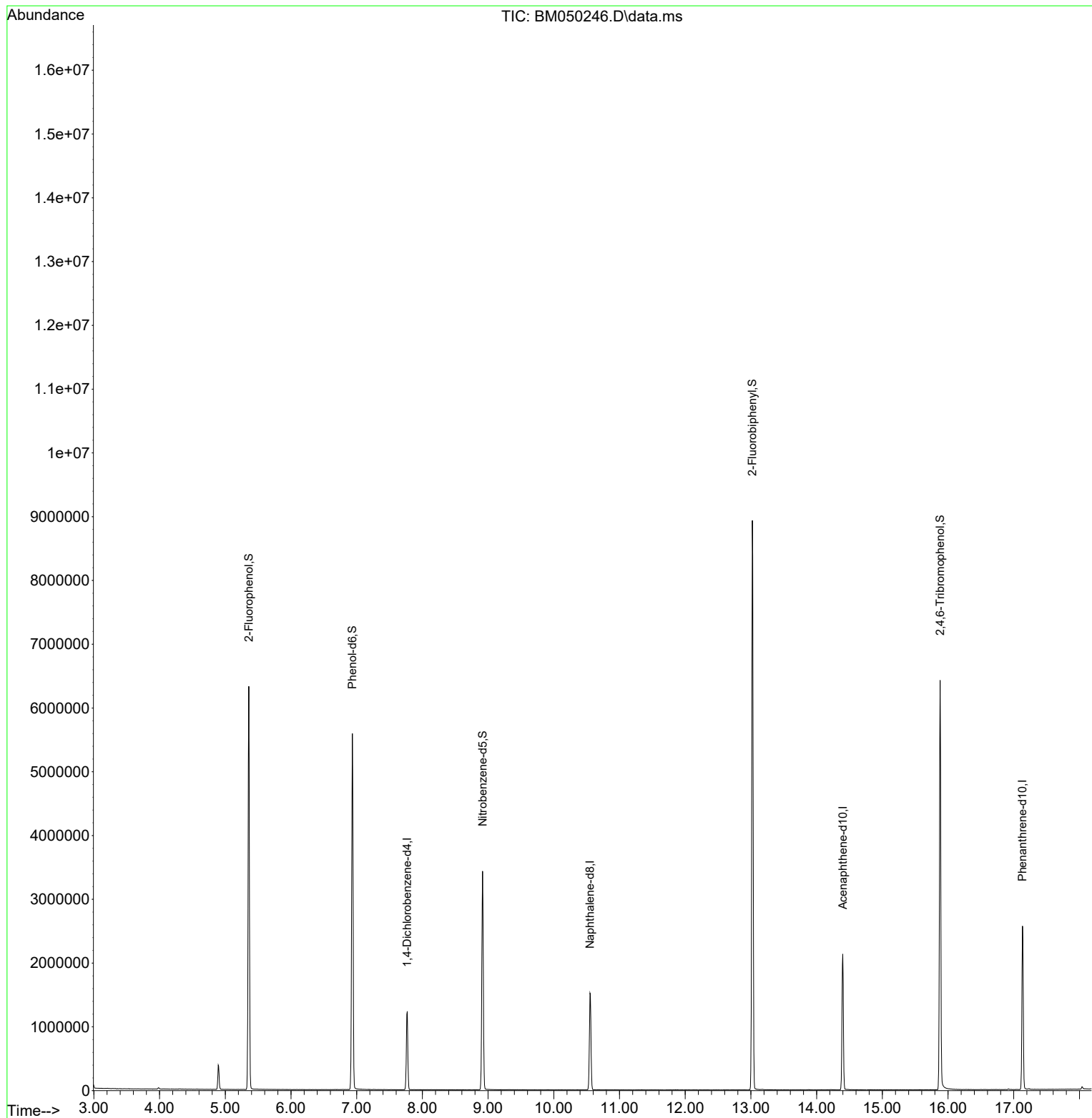
Target Compounds	Qvalue

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

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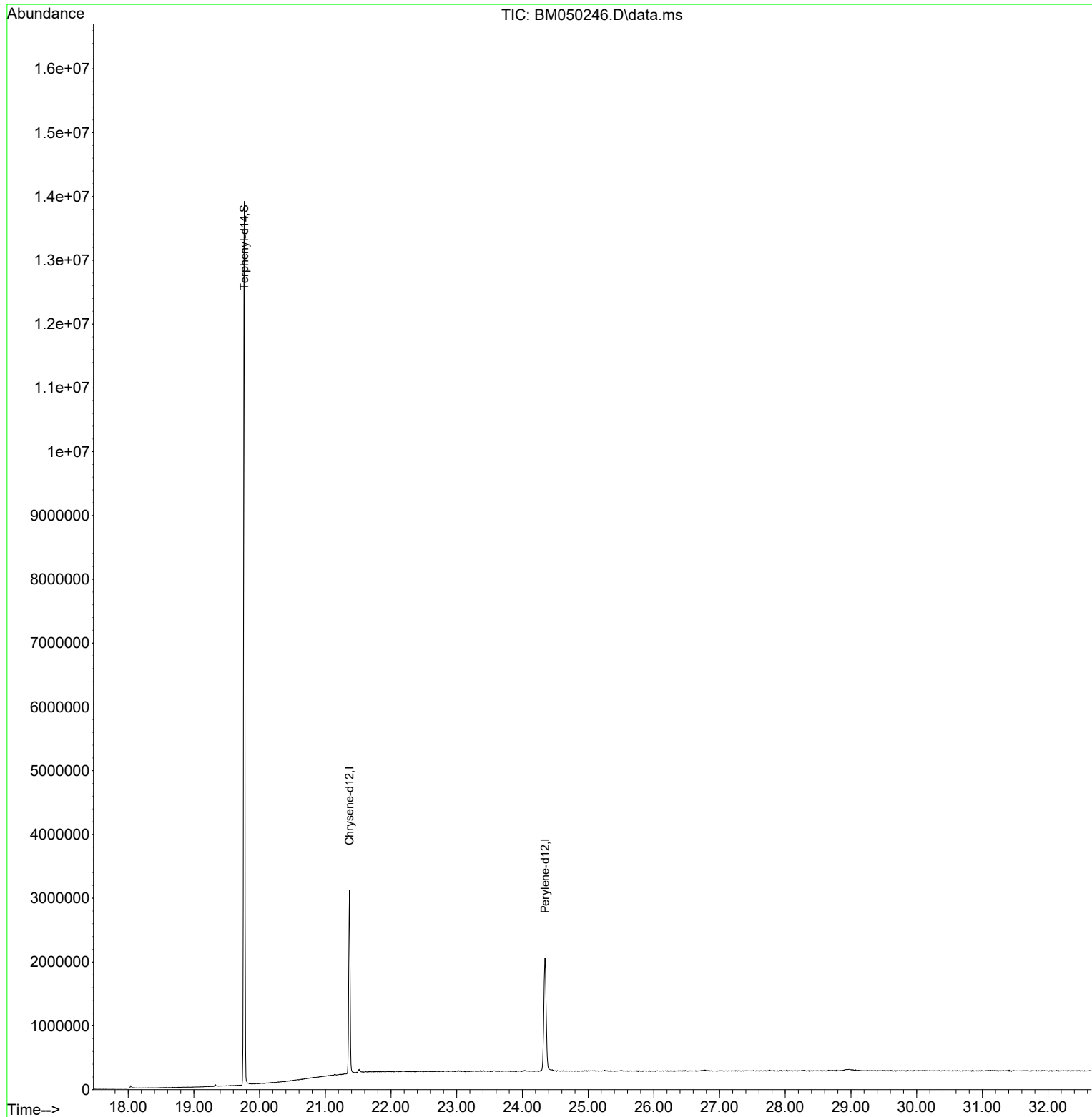
Quant Time: Jun 10 01:25:35 2025
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QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

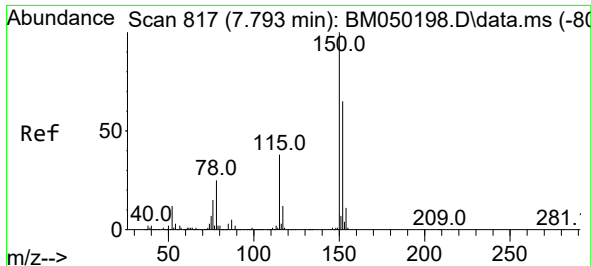


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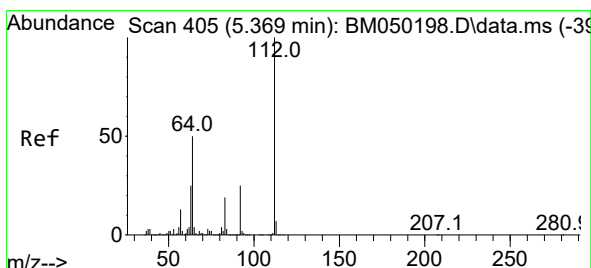
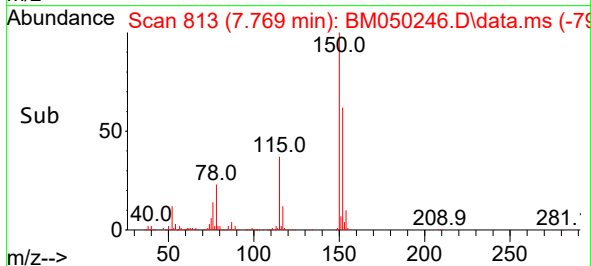
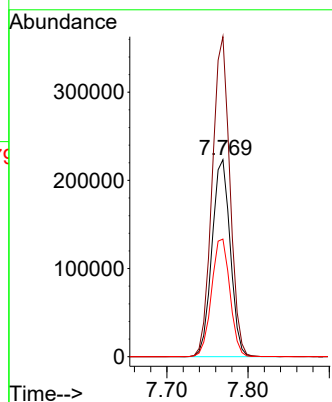
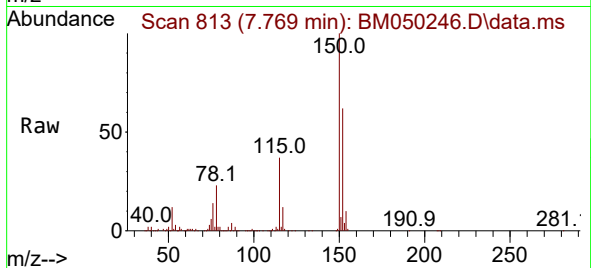




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

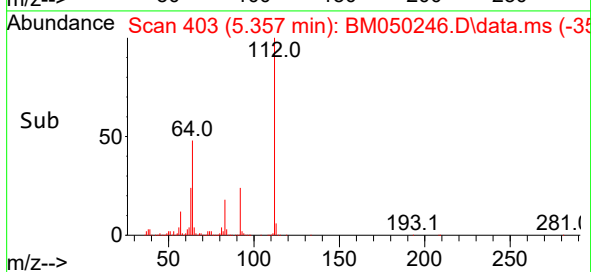
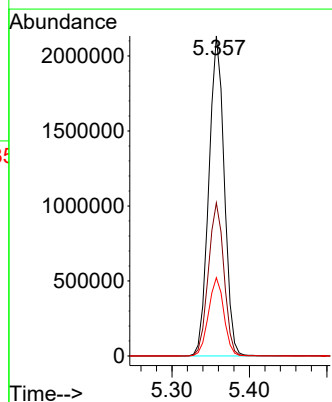
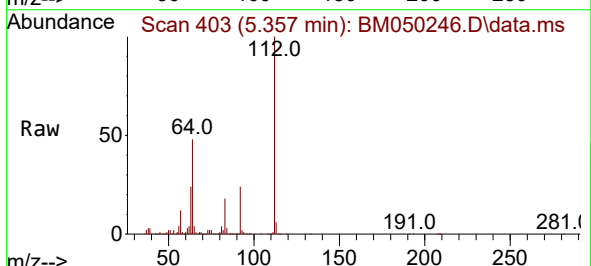
Instrument :
BNA_M
ClientSampleId :

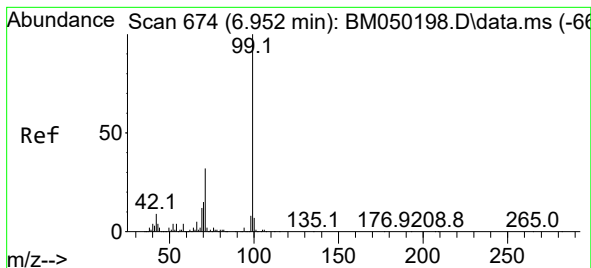
Tgt Ion:152 Resp: 348706
Ion Ratio Lower Upper
152 100
150 162.5 122.2 183.4
115 59.7 46.3 69.5



#5
2-Fluorophenol
Concen: 141.203 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:112 Resp: 2951685
Ion Ratio Lower Upper
112 100
64 47.9 39.8 59.6
63 24.5 19.8 29.8





#7

Phenol-d6

Concen: 132.177 ng

RT: 6.934 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM050246.D

Acq: 09 Jun 2025 17:43

Instrument :

BNA_M

ClientSampleId :

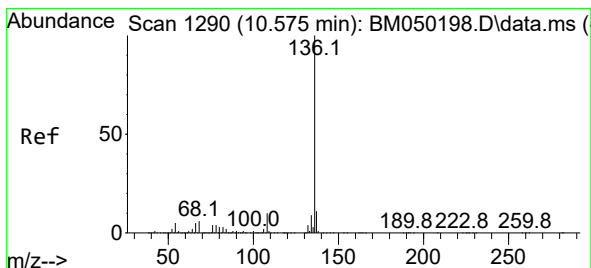
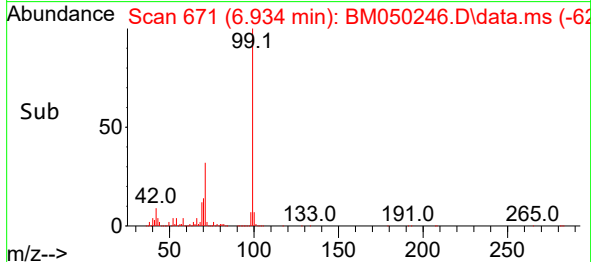
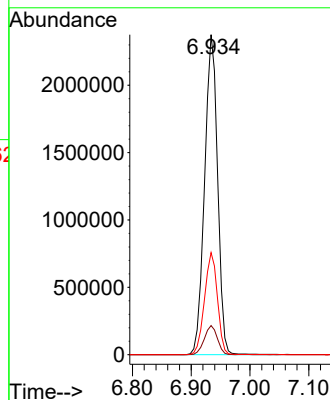
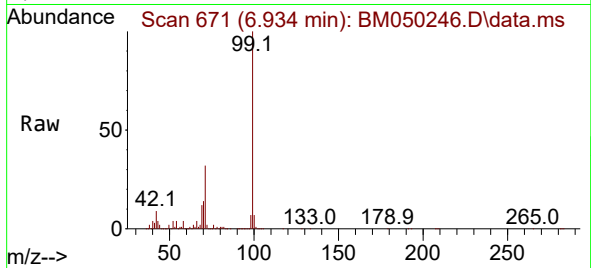
Tgt Ion: 99 Resp: 3637251

Ion Ratio Lower Upper

99 100

42 9.1 6.9 10.3

71 31.9 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.551 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BM050246.D

Acq: 09 Jun 2025 17:43

Tgt Ion:136 Resp: 1311818

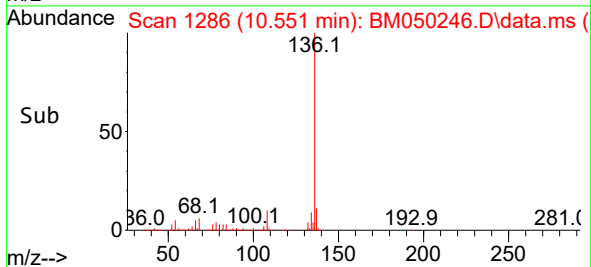
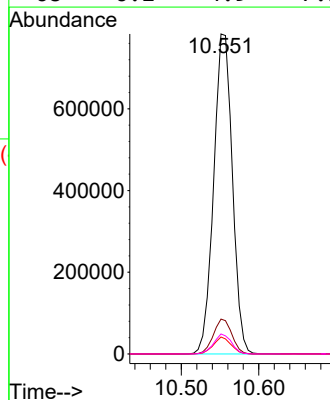
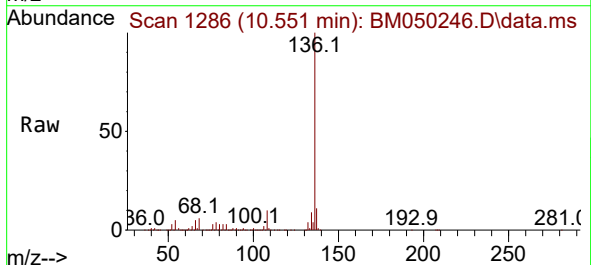
Ion Ratio Lower Upper

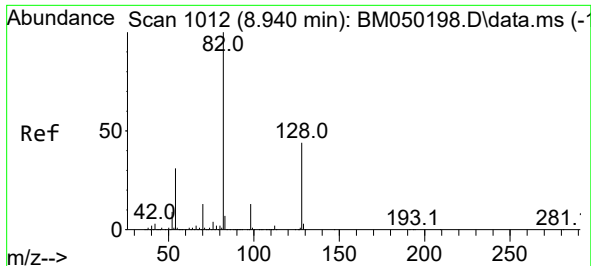
136 100

137 10.9 8.6 13.0

54 5.3 3.8 5.8

68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 86.085 ng

RT: 8.916 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BM050246.D

Acq: 09 Jun 2025 17:43

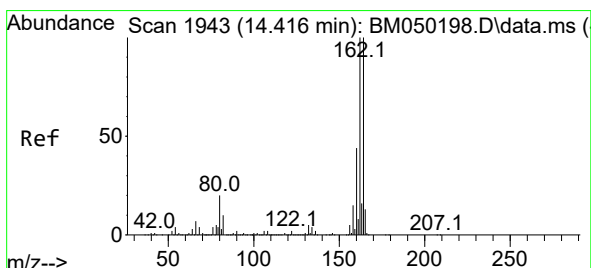
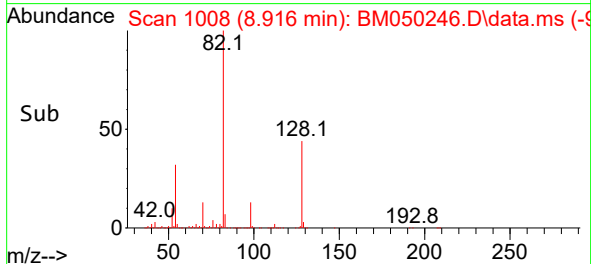
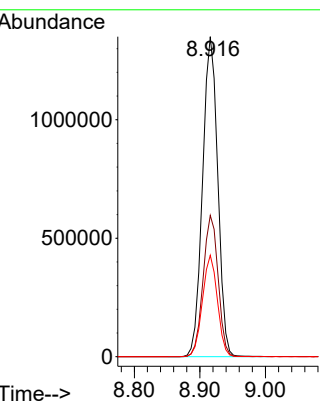
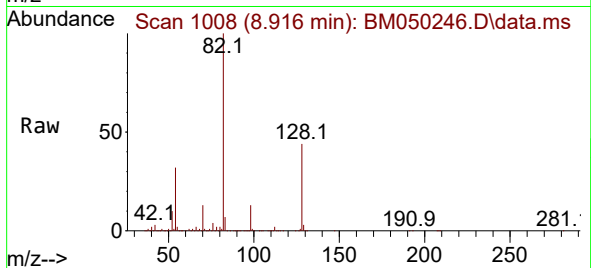
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 82 Resp: 2171348

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.2	52.8
54	31.7	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

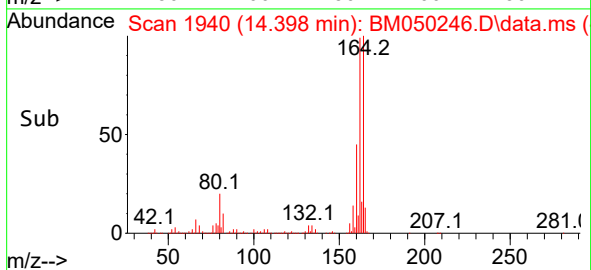
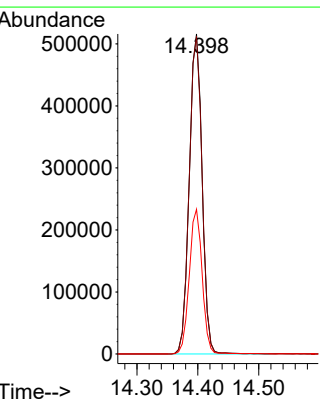
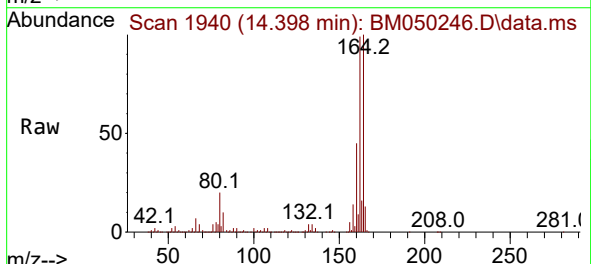
Delta R.T. 0.000 min

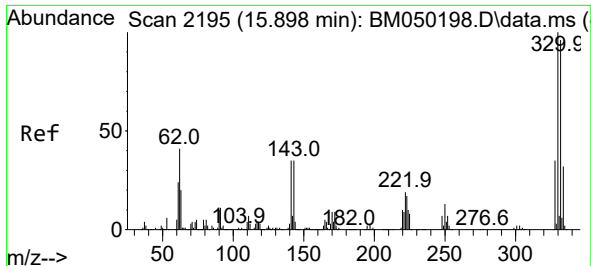
Lab File: BM050246.D

Acq: 09 Jun 2025 17:43

Tgt Ion: 164 Resp: 755301

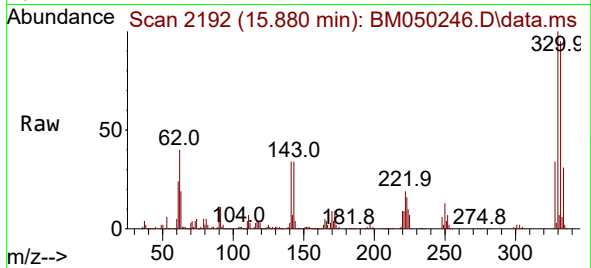
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.4
160	45.2	35.7	53.5



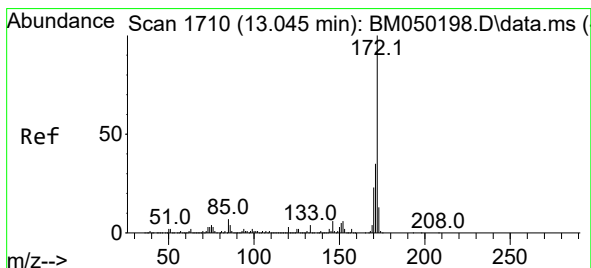
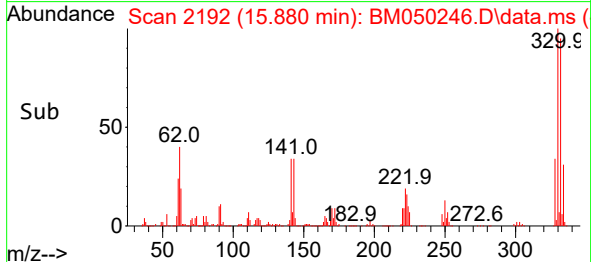
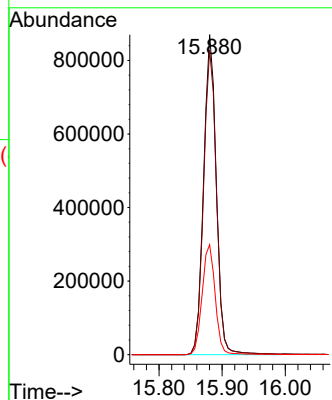


#42
2,4,6-Tribromophenol
Concen: 141.548 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Instrument :
BNA_M
ClientSampleId :

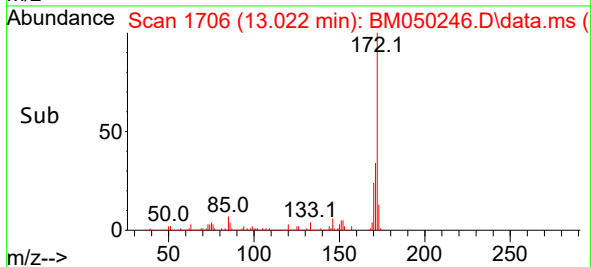
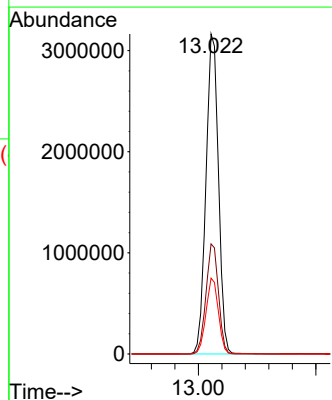
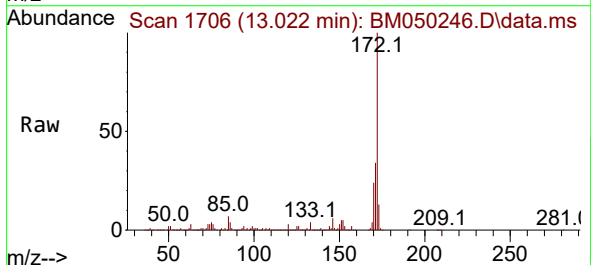


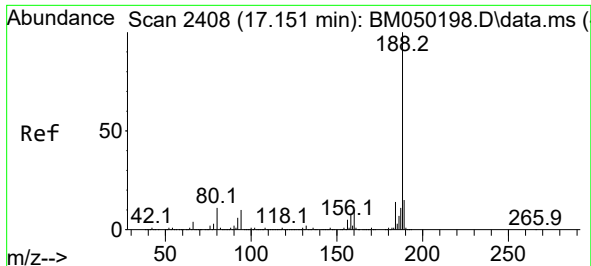
Tgt Ion:330 Resp: 1216044
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 35.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 83.693 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

Tgt Ion:172 Resp: 4669156
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.7 18.6 27.8

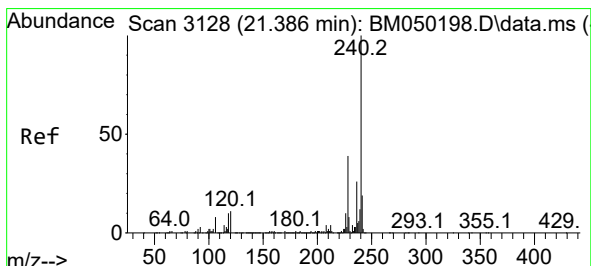
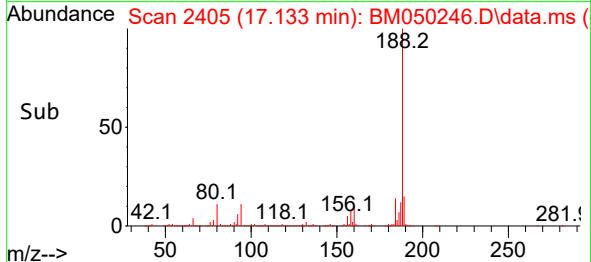
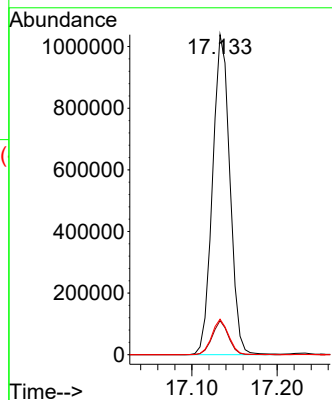
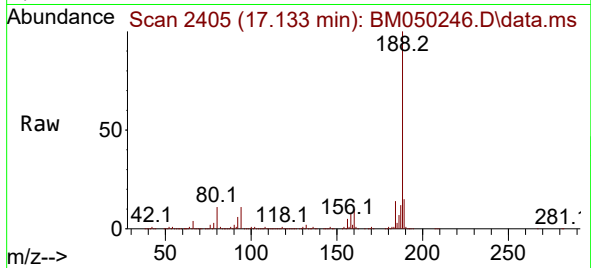




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

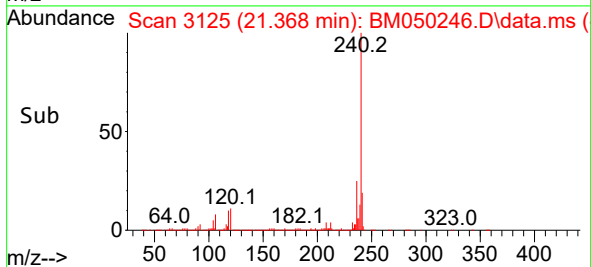
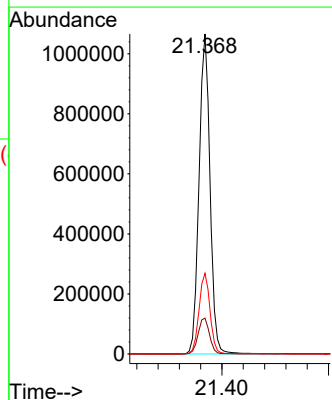
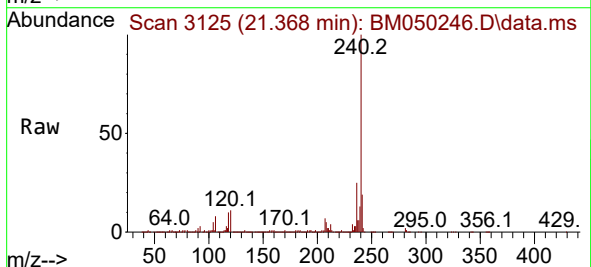
Instrument :
BNA_M
ClientSampleId :

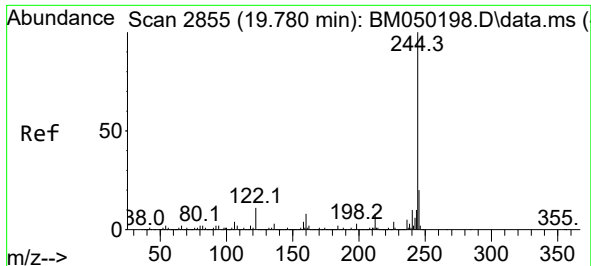
Tgt Ion:188 Resp: 1467647
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050246.D
Acq: 09 Jun 2025 17:43

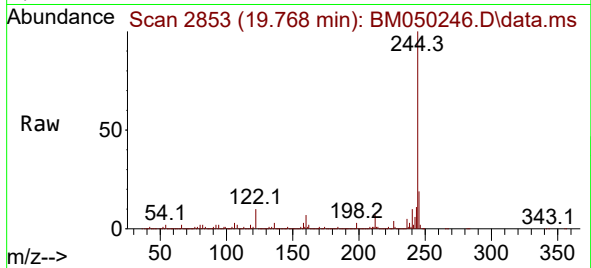
Tgt Ion:240 Resp: 1523440
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.2 20.7 31.1



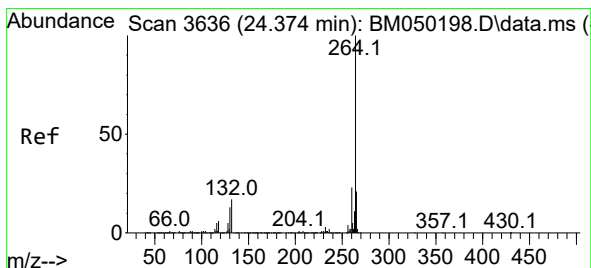
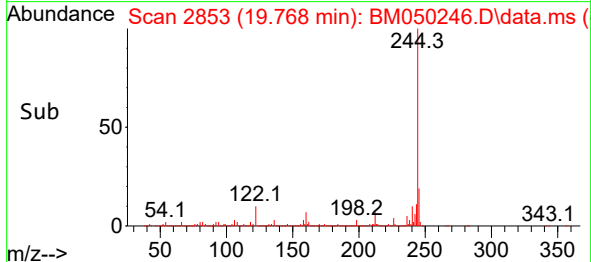
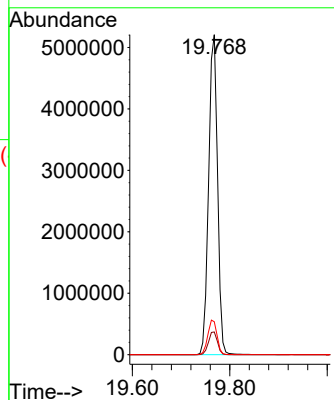


#79
 Terphenyl-d14
 Concen: 81.720 ng
 RT: 19.768 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050246.D
 Acq: 09 Jun 2025 17:43

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 6569575
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.3 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: BM050246.D
 Acq: 09 Jun 2025 17:43

Tgt Ion:264 Resp: 1647706
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.6 16.8 25.2

