

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050247.D
 Acq On : 09 Jun 2025 18:22
 Operator : RC/JU
 Sample : Q2227-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP07-MHH-WC

Quant Time: Jun 10 01:25:48 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	312661	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1187391	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	605707	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1301779	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1257131	20.000	ng	0.00
86) Perylene-d12	24.344	264	90327	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2396190	127.844	ng	0.00
7) Phenol-d6	6.934	99	2727951	110.562	ng	0.00
23) Nitrobenzene-d5	8.916	82	1943816	85.140	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1047420	152.032	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	4018593	89.822	ng	0.00
79) Terphenyl-d14	19.768	244	6017204	90.704	ng	0.00

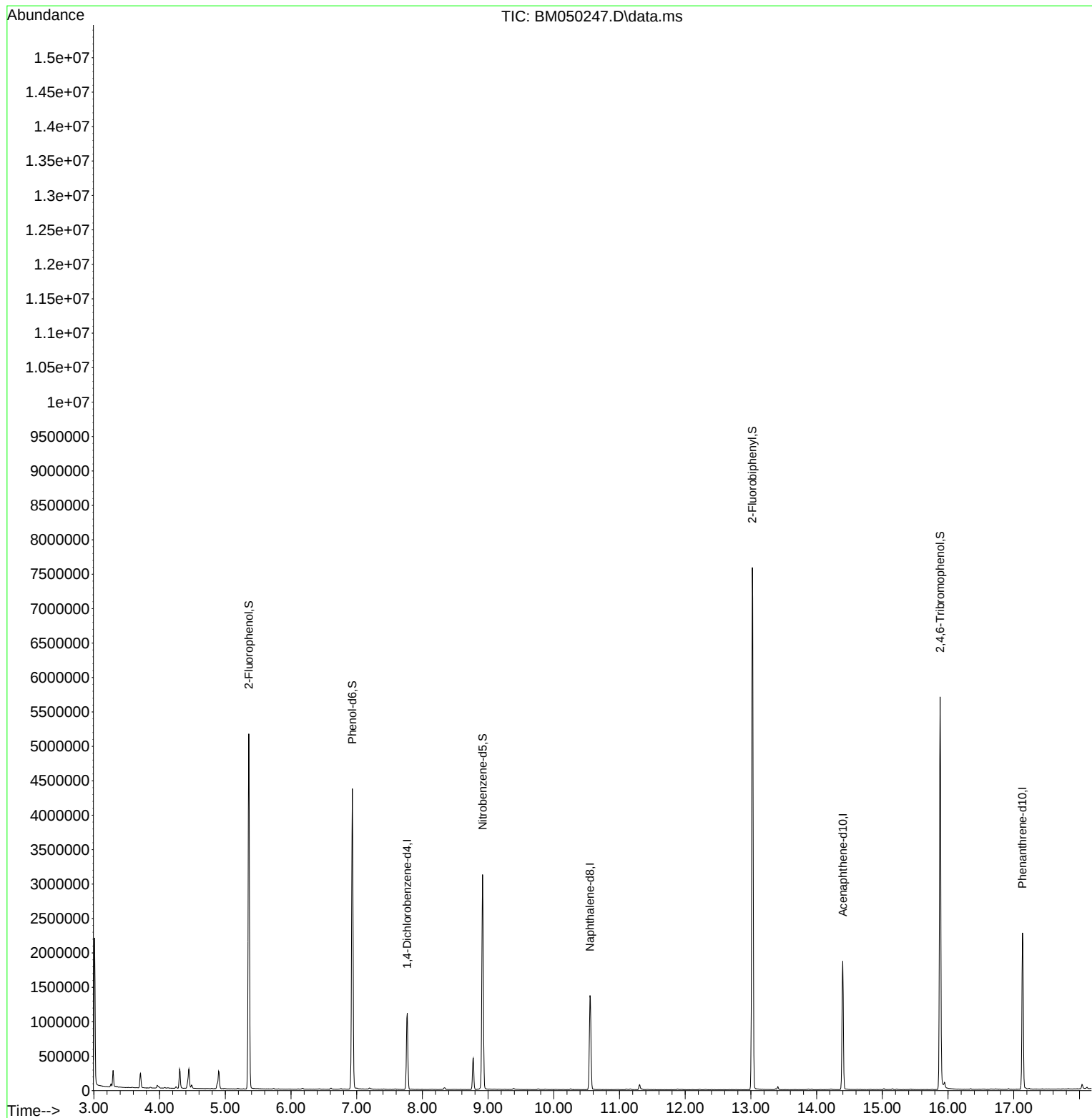
Target Compounds	Qvalue

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

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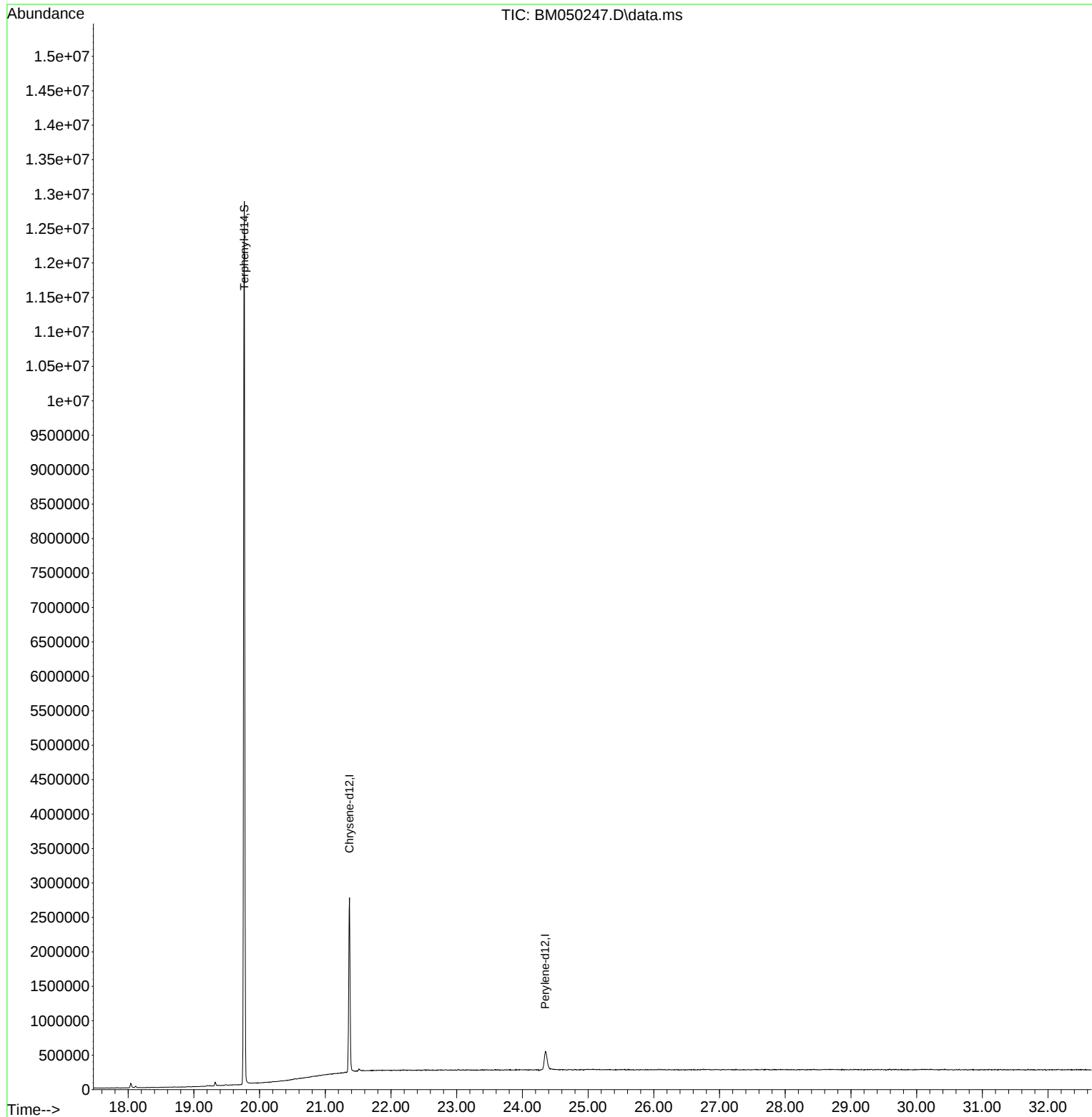
Quant Time: Jun 10 01:25:48 2025
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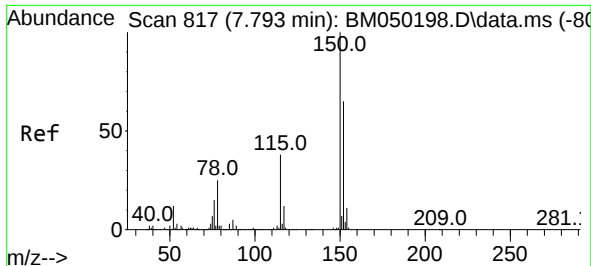


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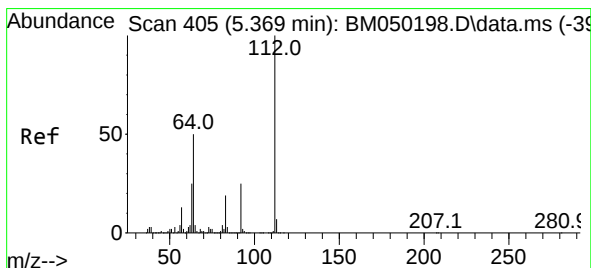
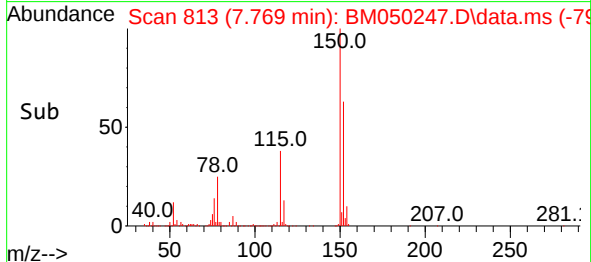
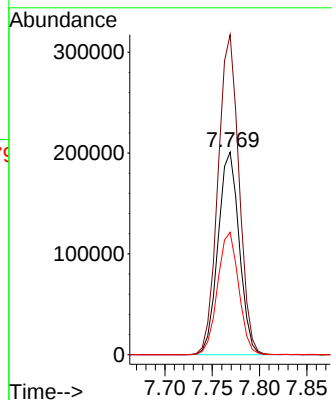
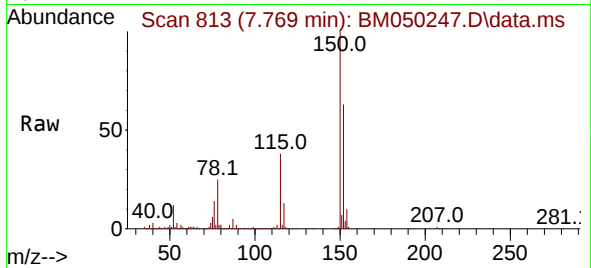




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

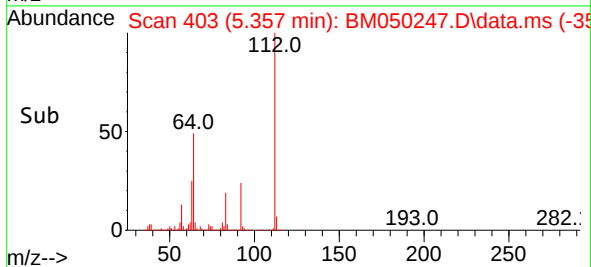
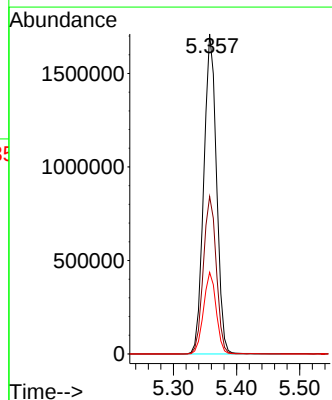
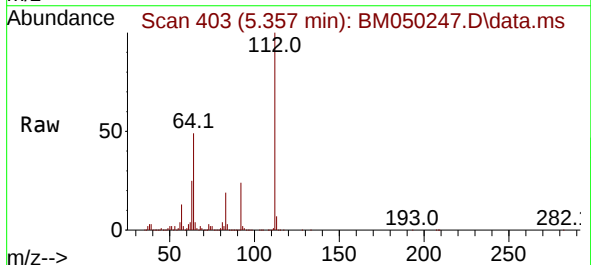
Instrument :
BNA_M
ClientSampleId :
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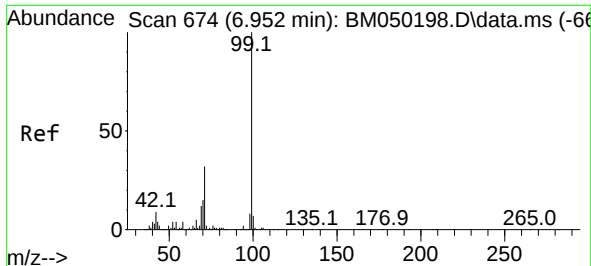
Tgt Ion:152 Resp: 312661
Ion Ratio Lower Upper
152 100
150 157.9 122.2 183.4
115 60.4 46.3 69.5



#5
2-Fluorophenol
Concen: 127.844 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

Tgt Ion:112 Resp: 2396190
Ion Ratio Lower Upper
112 100
64 49.2 39.8 59.6
63 25.5 19.8 29.8

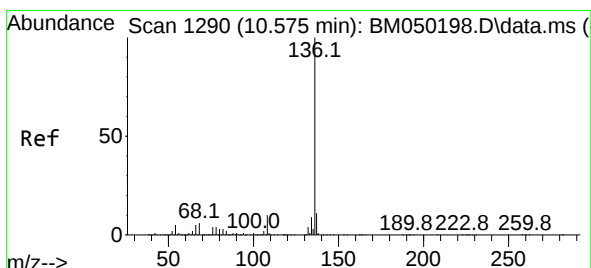
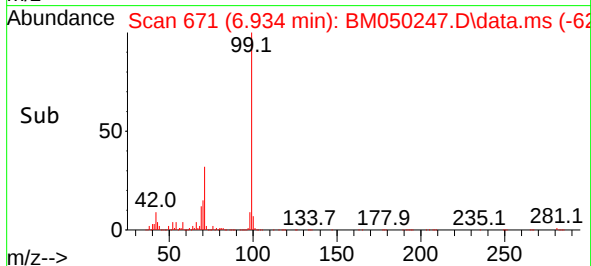
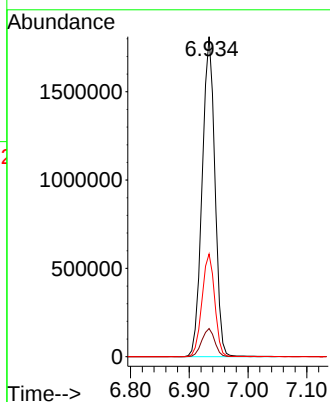
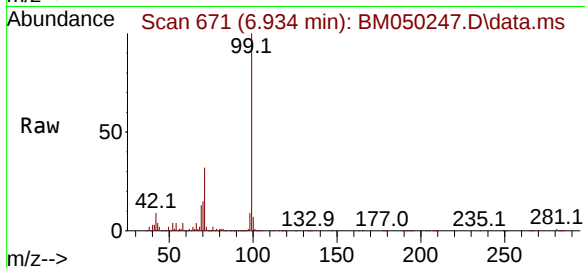




#7
Phenol-d6
Concen: 110.562 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

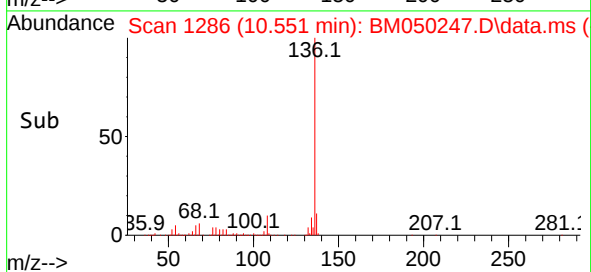
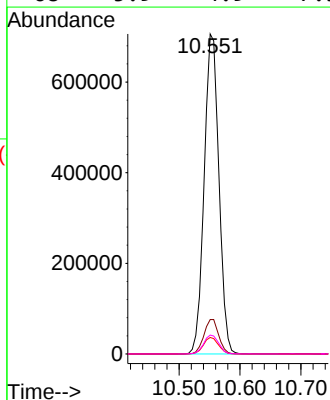
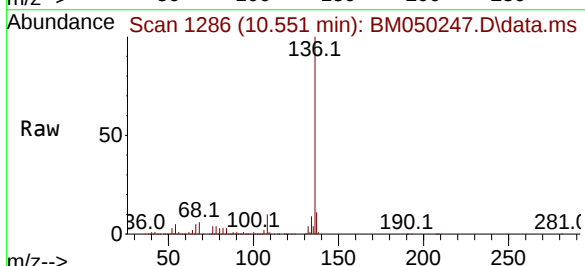
Instrument :
BNA_M
ClientSampleId :
TP07-MHH-WC

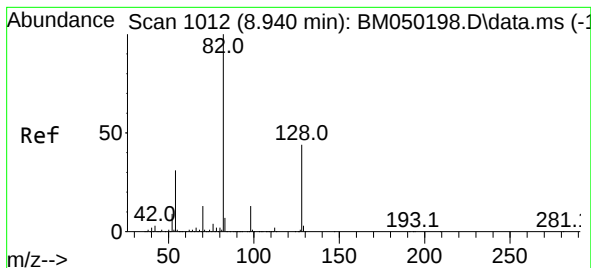
Tgt Ion: 99 Resp: 2727951
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

Tgt Ion: 136 Resp: 1187391
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 85.140 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BM050247.D

Acq: 09 Jun 2025 18:22

Instrument :

BNA_M

ClientSampleId :

TP07-MHH-WC

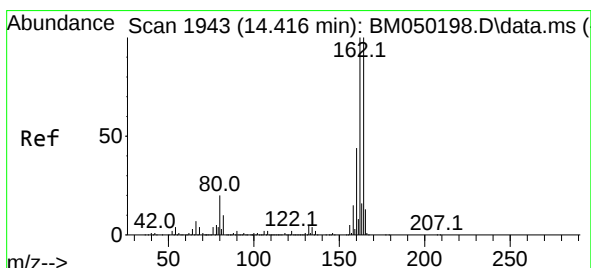
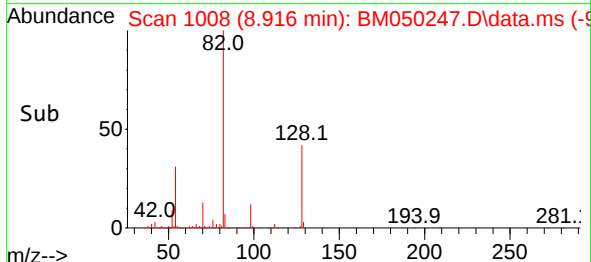
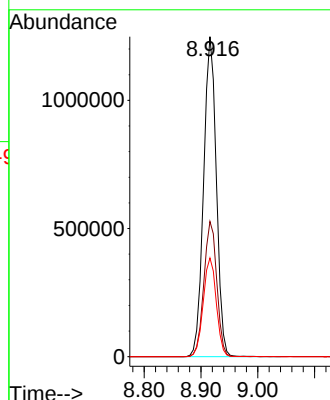
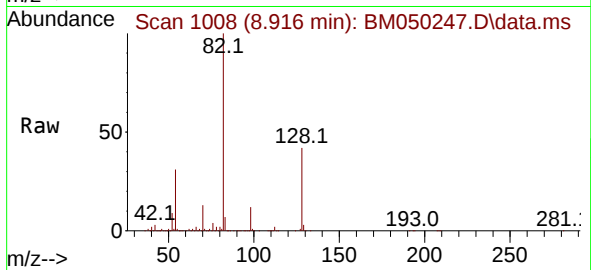
Tgt Ion: 82 Resp: 1943816

Ion Ratio Lower Upper

82 100

128 42.3 35.2 52.8

54 30.9 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: BM050247.D

Acq: 09 Jun 2025 18:22

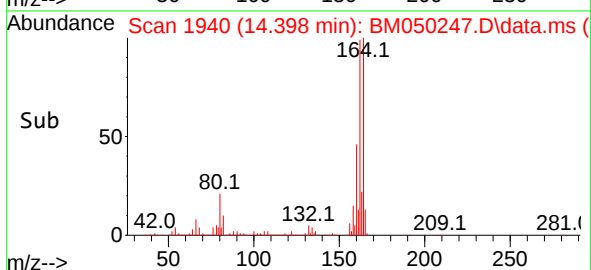
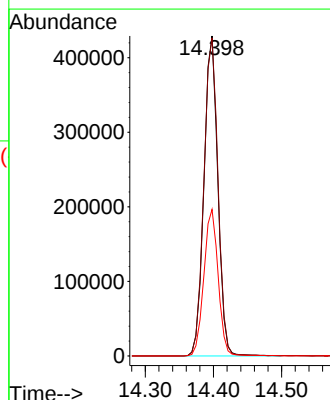
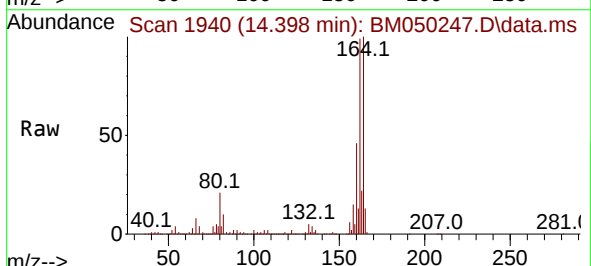
Tgt Ion:164 Resp: 605707

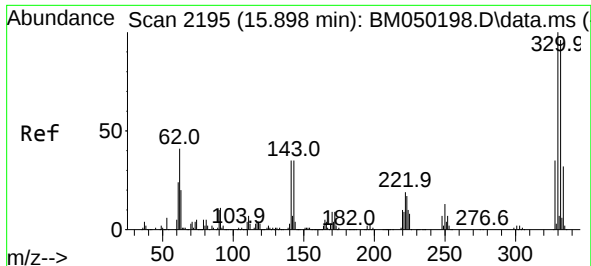
Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

160 45.8 35.7 53.5

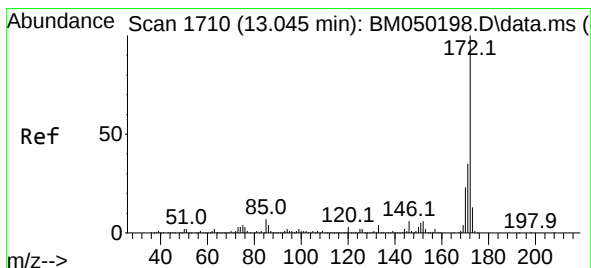
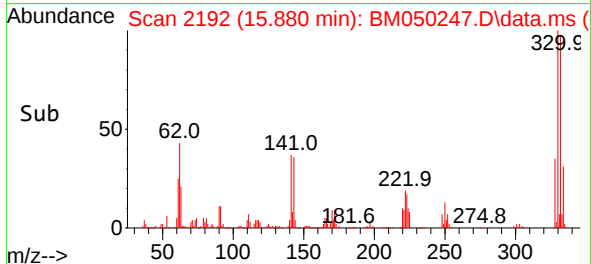
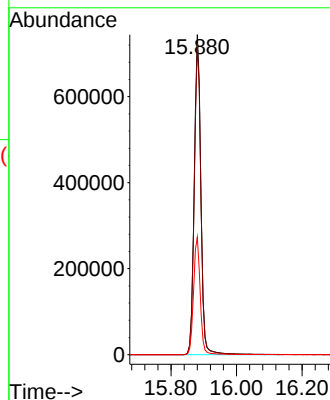
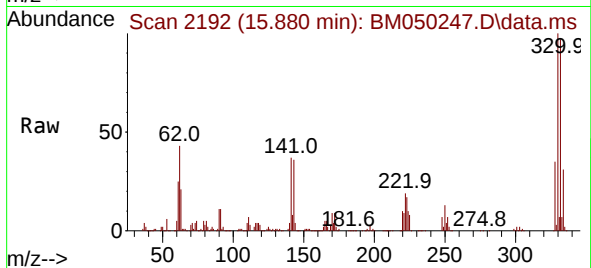




#42
2,4,6-Tribromophenol
Concen: 152.032 ng
RT: 15.880 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

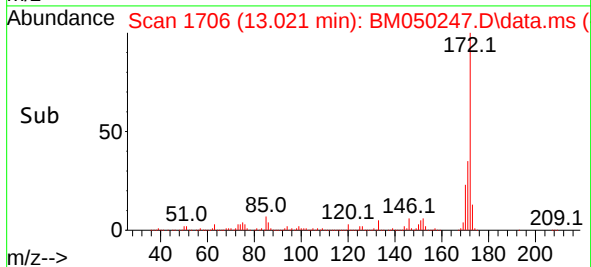
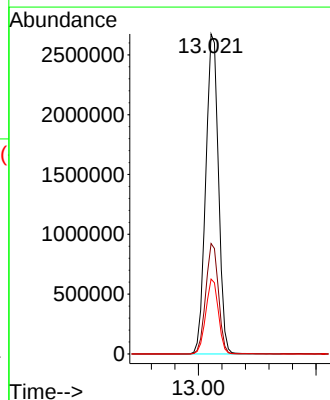
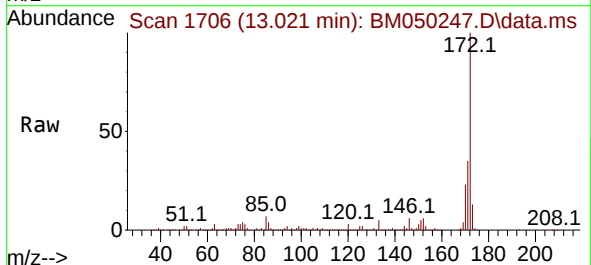
Instrument :
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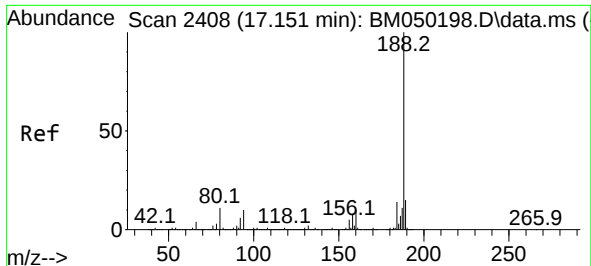
Tgt Ion:330 Resp: 1047420
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 37.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 89.822 ng
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

Tgt Ion:172 Resp: 4018593
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.4 18.6 27.8

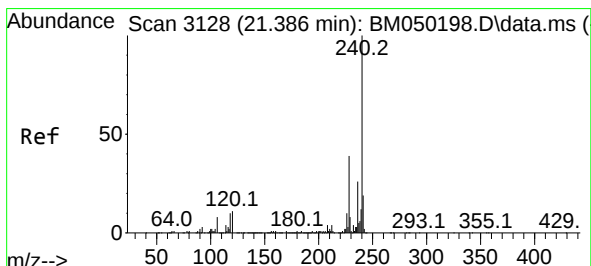
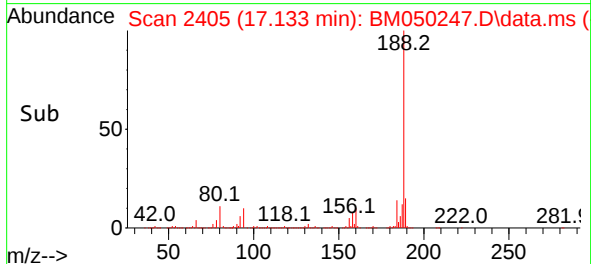
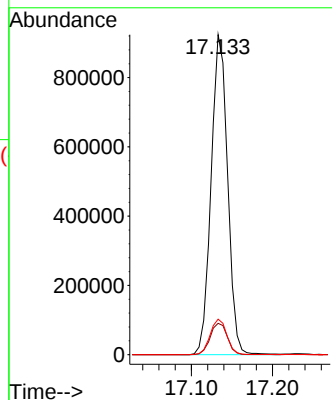
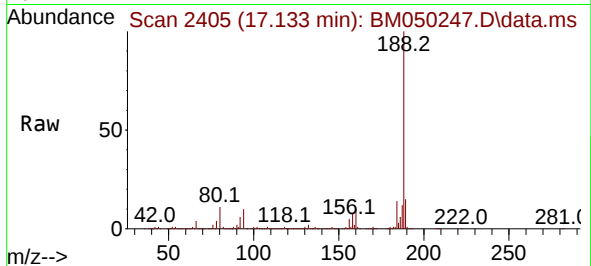




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

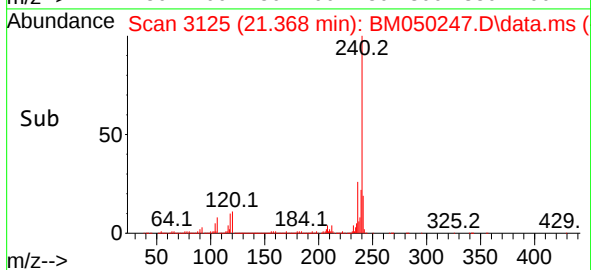
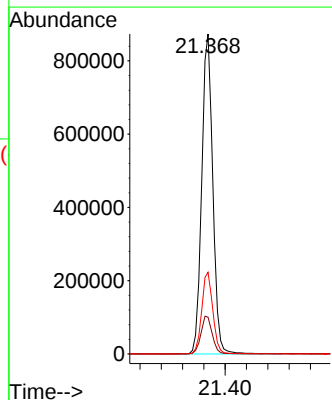
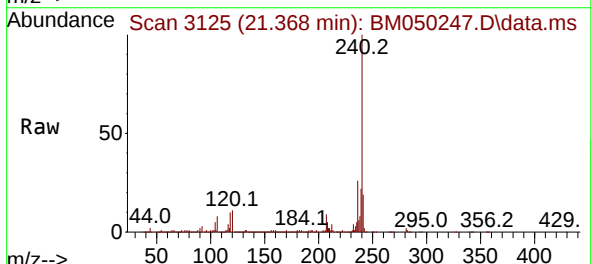
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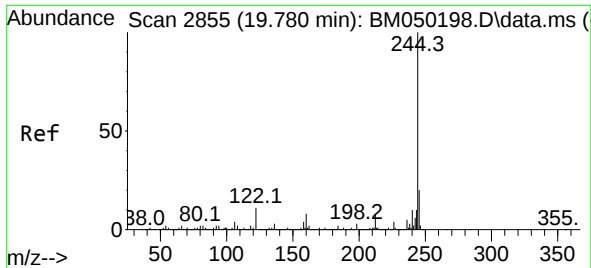
Tgt Ion:188 Resp: 1301779
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050247.D
Acq: 09 Jun 2025 18:22

Tgt Ion:240 Resp: 1257131
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 25.6 20.7 31.1

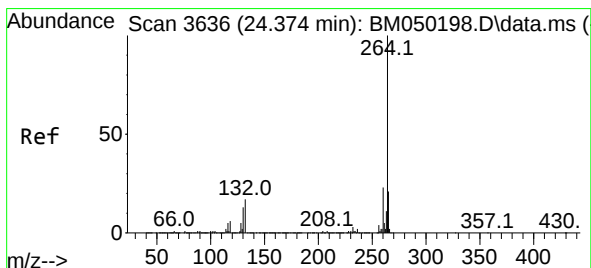
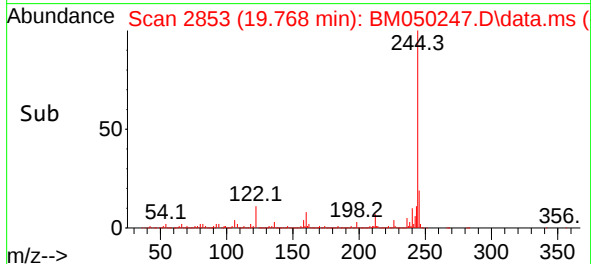
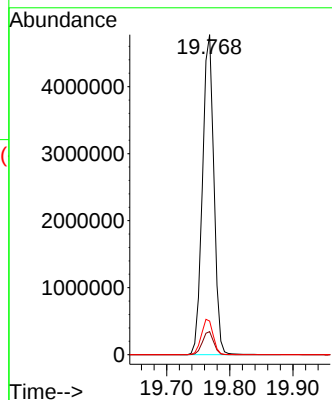
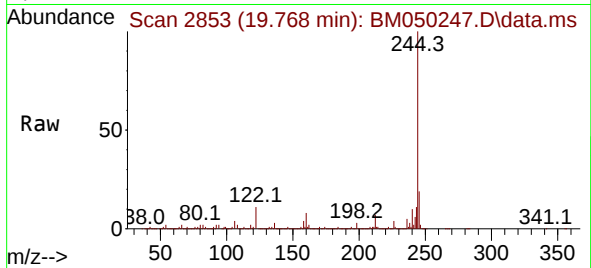




#79
 Terphenyl-d14
 Concen: 90.704 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM050247.D
 Acq: 09 Jun 2025 18:22

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 6017204
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.5 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: BM050247.D
 Acq: 09 Jun 2025 18:22

Tgt Ion:264 Resp: 90327
 Ion Ratio Lower Upper
 264 100
 260 52.8 18.6 28.0#
 265 24.2 16.8 25.2

