

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050266.D
 Acq On : 10 Jun 2025 07:25
 Operator : RC/JU
 Sample : Q2242-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 10 08:00:50 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	378144	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1426774	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	770403	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1411866	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1364339	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1393729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3133912	138.249	ng	0.00
7) Phenol-d6	6.934	99	3601411	120.686	ng	0.00
23) Nitrobenzene-d5	8.916	82	2618225	95.438	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1256160	143.352	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5145824	90.429	ng	0.00
79) Terphenyl-d14	19.762	244	6410059	89.034	ng	0.00

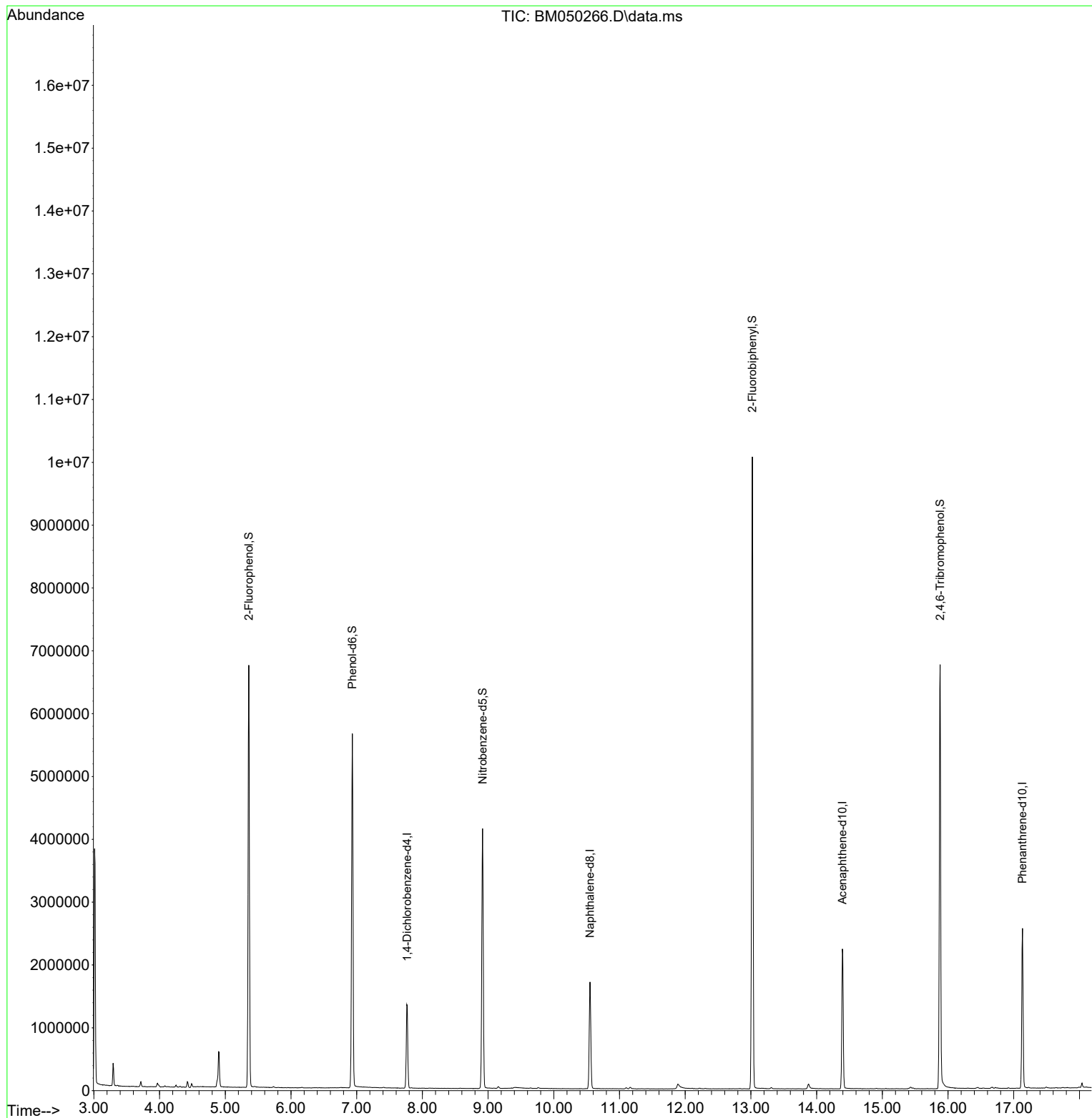
Target Compounds	Qvalue

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

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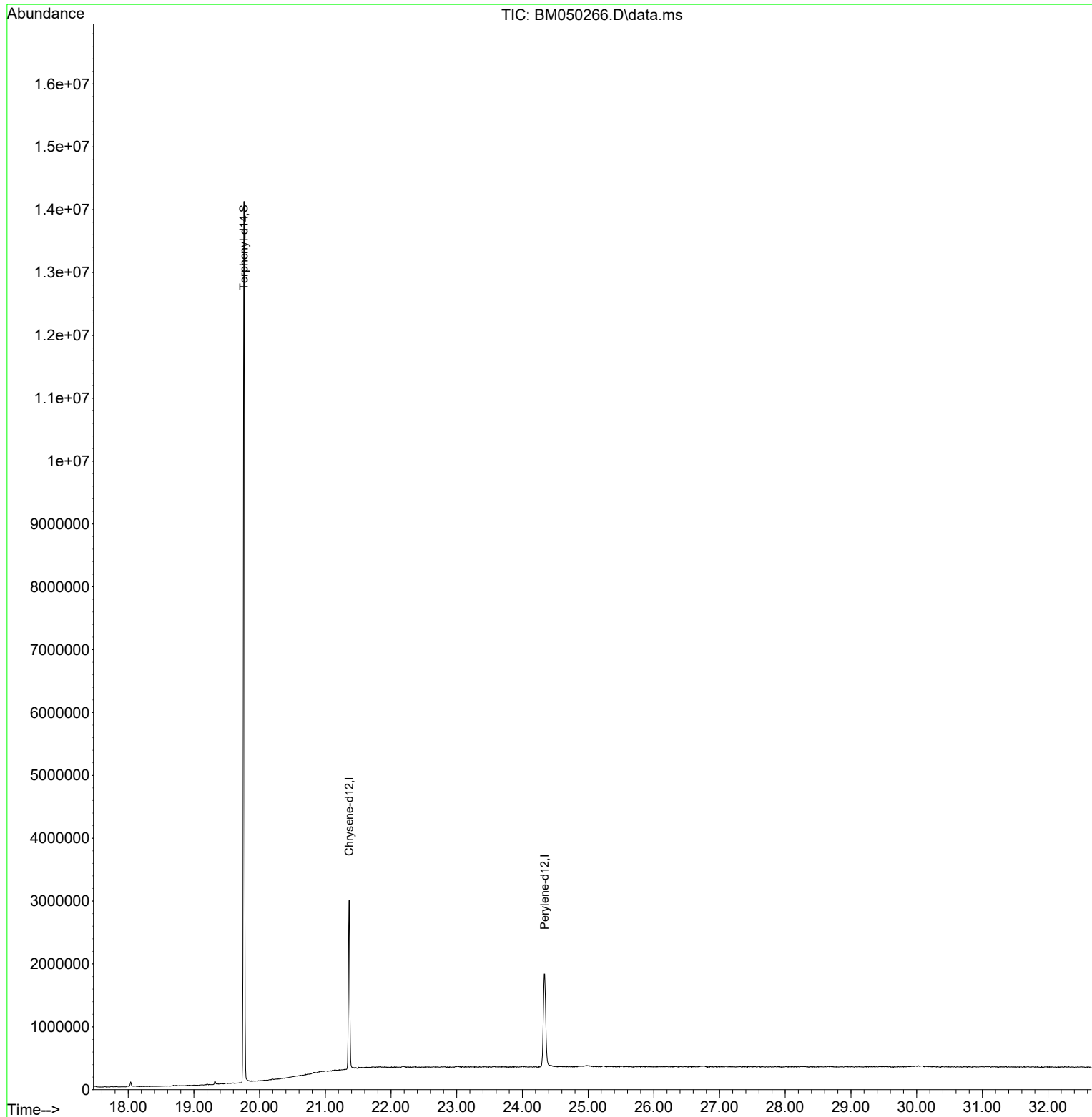
Quant Time: Jun 10 08:00:50 2025
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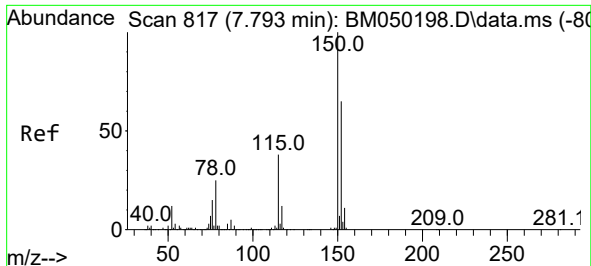


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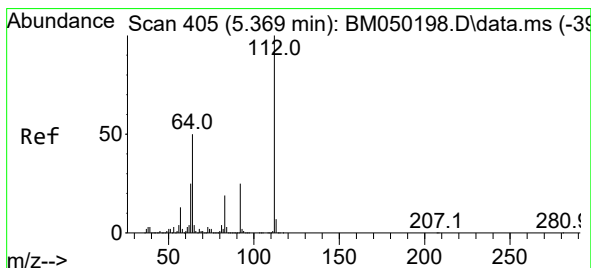
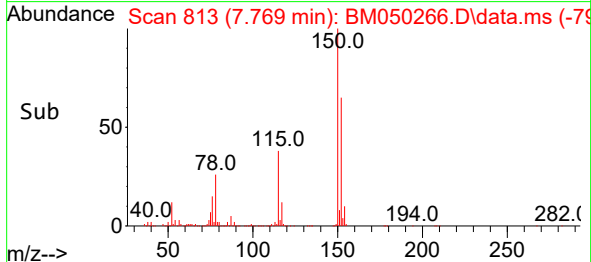
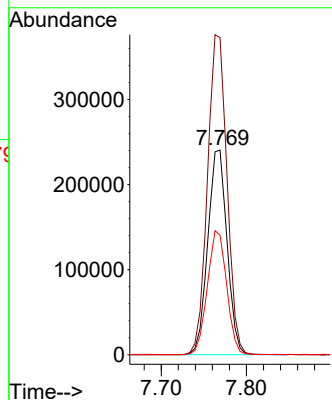
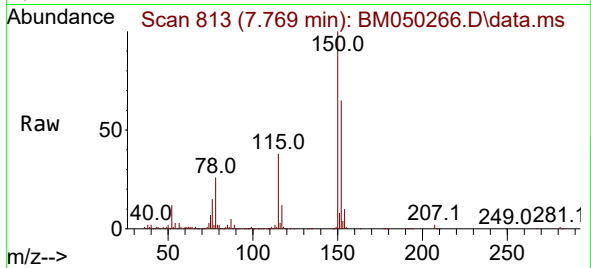




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

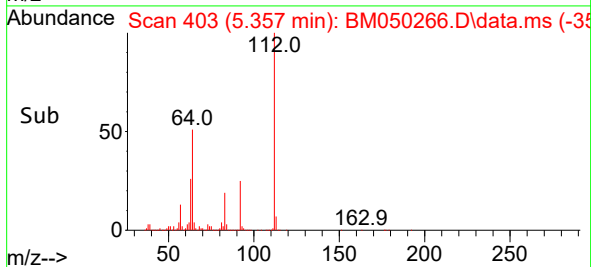
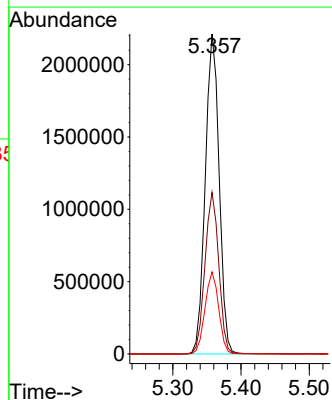
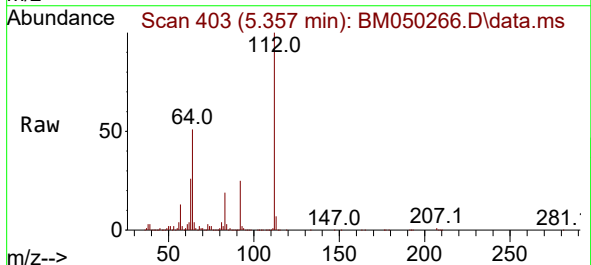
Instrument :
BNA_M
ClientSampleId :

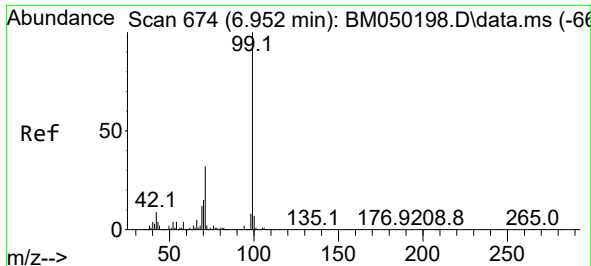
Tgt Ion:152 Resp: 378144
Ion Ratio Lower Upper
152 100
150 154.9 122.2 183.4
115 58.3 46.3 69.5



#5
2-Fluorophenol
Concen: 138.249 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:112 Resp: 3133912
Ion Ratio Lower Upper
112 100
64 50.5 39.8 59.6
63 25.7 19.8 29.8

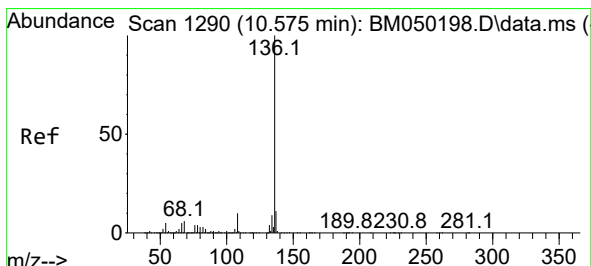
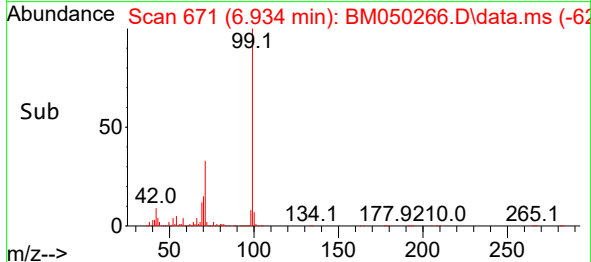
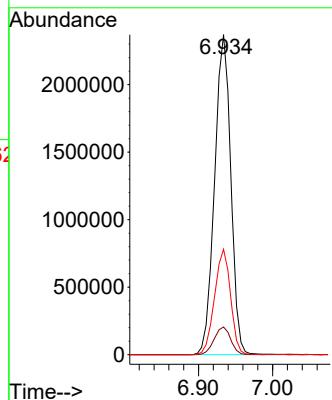
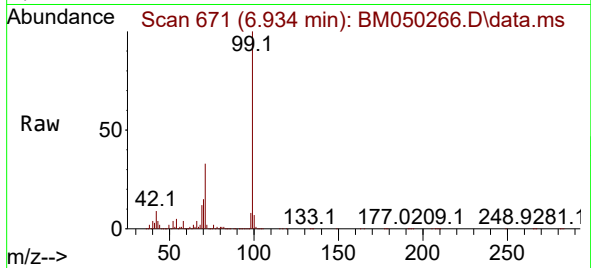




#7
Phenol-d6
Concen: 120.686 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

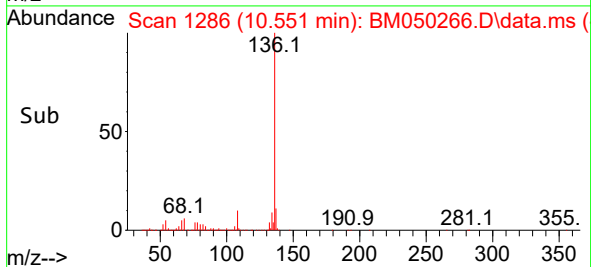
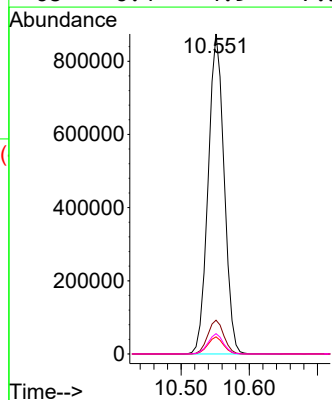
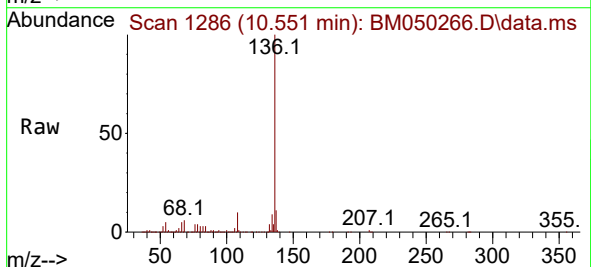
Instrument :
BNA_M
ClientSampleId :

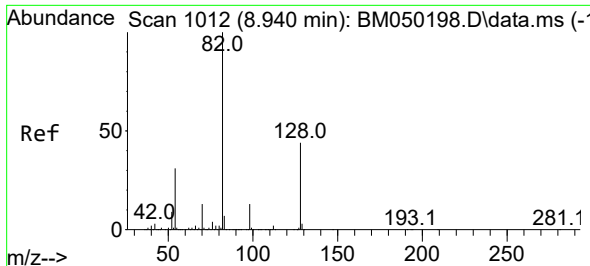
Tgt Ion: 99 Resp: 3601411
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 33.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

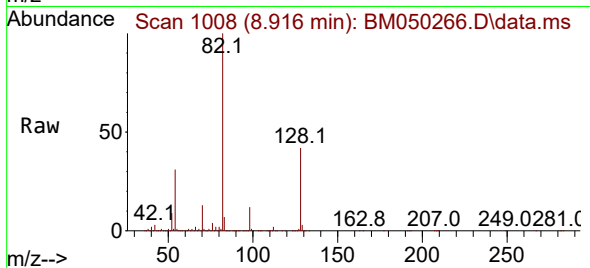
Tgt Ion: 136 Resp: 1426774
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.4 3.8 5.8
68 6.4 4.9 7.3



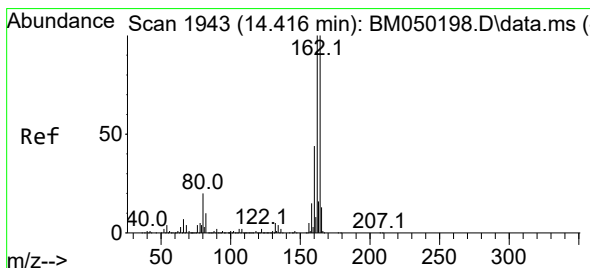
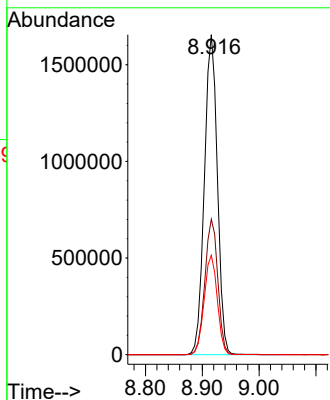
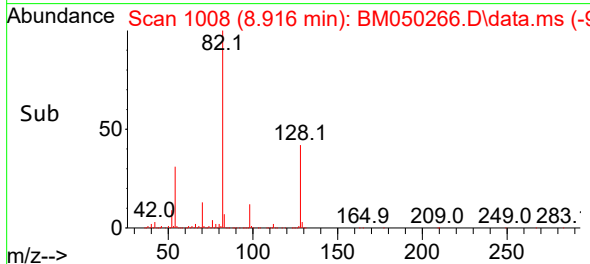


#23
Nitrobenzene-d5
Concen: 95.438 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :

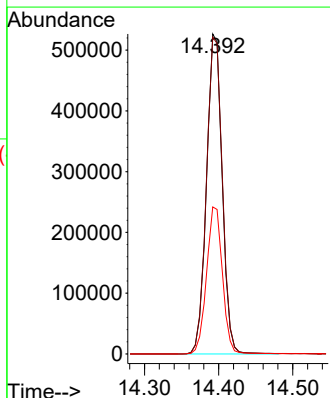
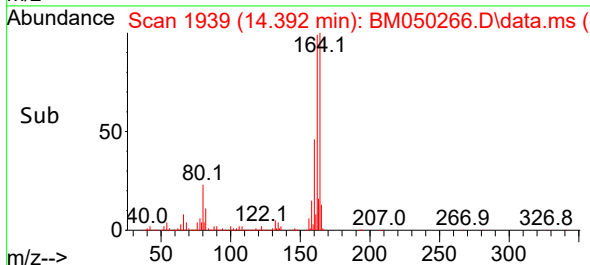
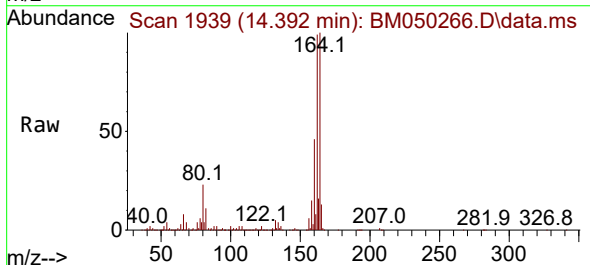


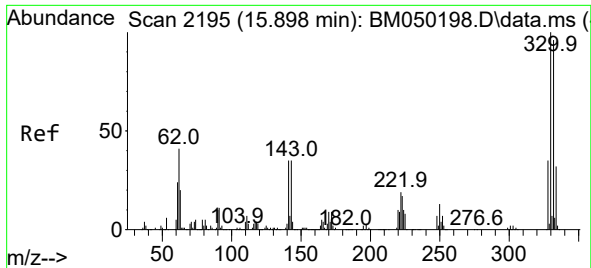
Tgt Ion: 82 Resp: 2618225
Ion Ratio Lower Upper
82 100
128 42.4 35.2 52.8
54 31.1 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion: 164 Resp: 770403
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.4
160 45.9 35.7 53.5

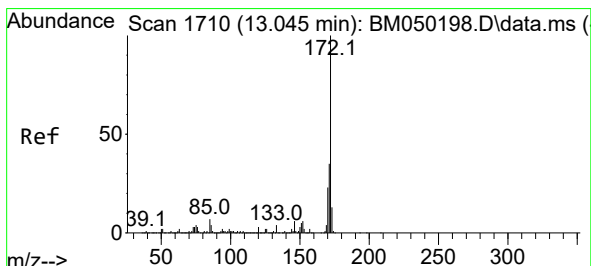
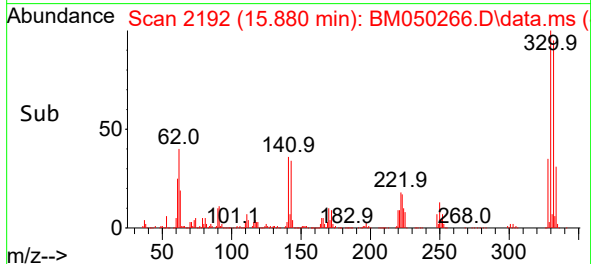
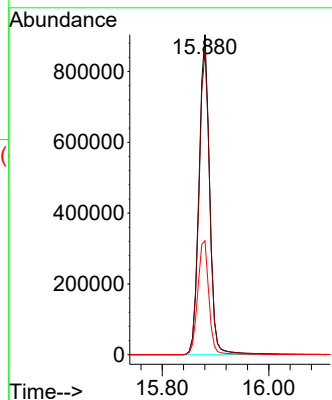
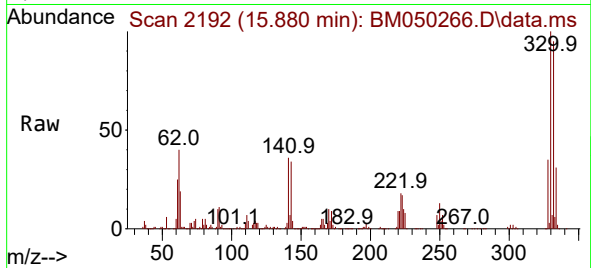




#42
2,4,6-Tribromophenol
Concen: 143.352 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

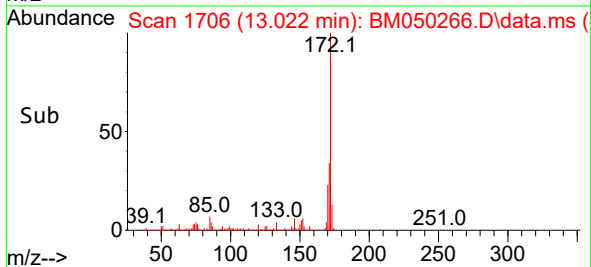
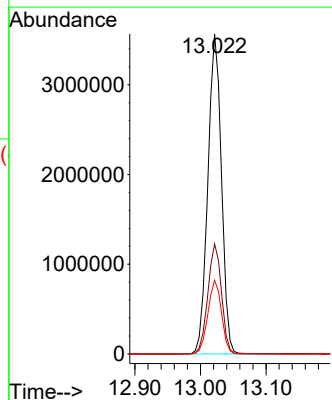
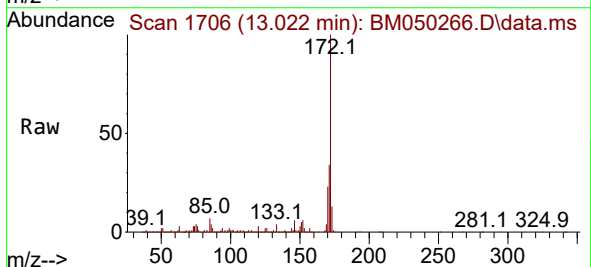
Instrument :
BNA_M
ClientSampleId :

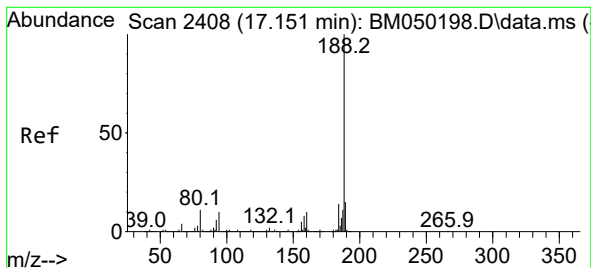
Tgt Ion:330 Resp: 1256160
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 37.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 90.429 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:172 Resp: 5145824
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.133 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050266.D

Acq: 10 Jun 2025 07:25

Instrument :

BNA_M

ClientSampleId :

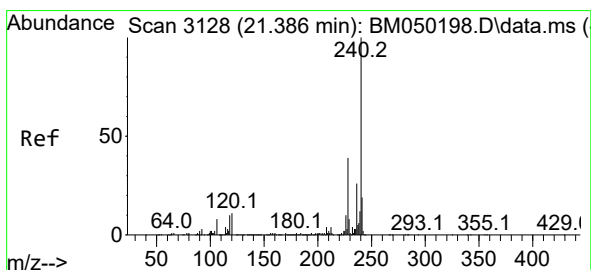
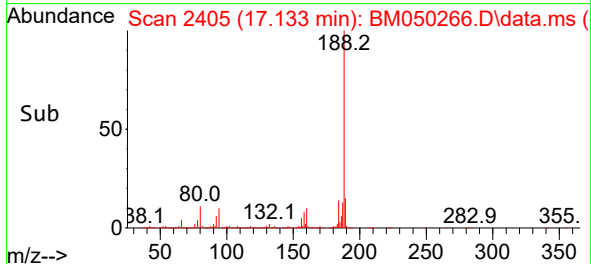
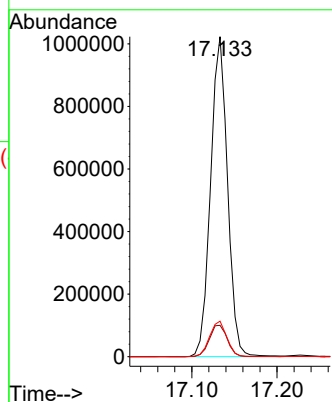
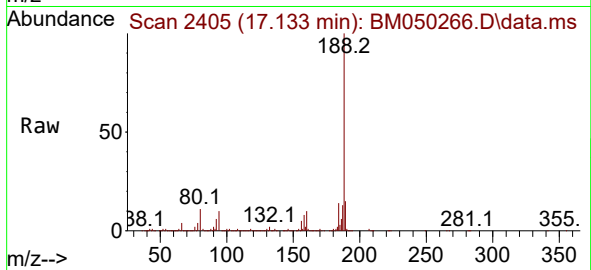
Tgt Ion:188 Resp: 1411866

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: 21.362 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BM050266.D

Acq: 10 Jun 2025 07:25

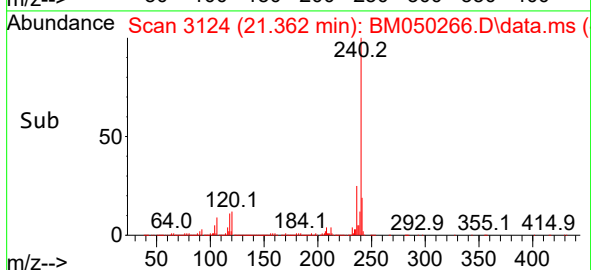
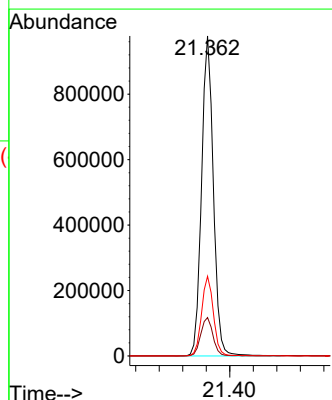
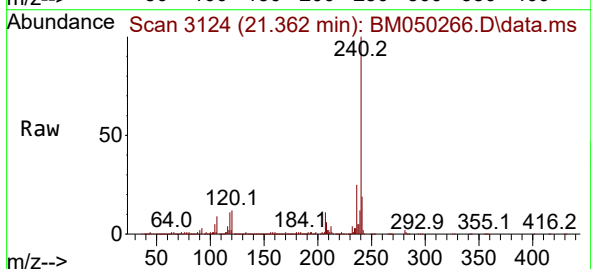
Tgt Ion:240 Resp: 1364339

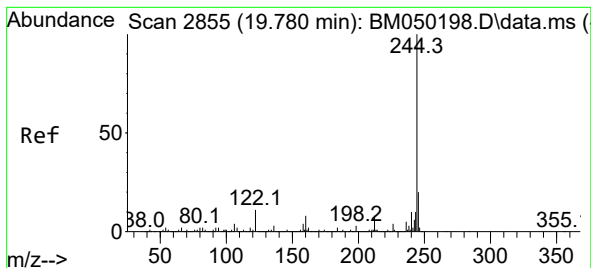
Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.4

236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 89.034 ng

RT: 19.762 min Scan# 21

Delta R.T. -0.006 min

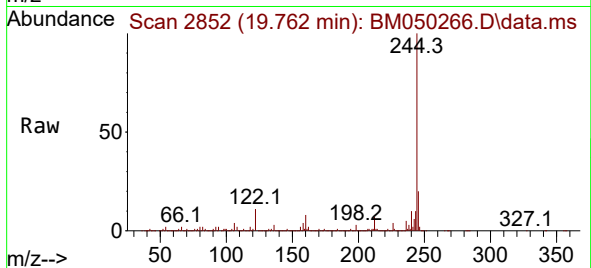
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Acq: 10 Jun 2025 07:25

Instrument :

BNA_M

ClientSampleId :



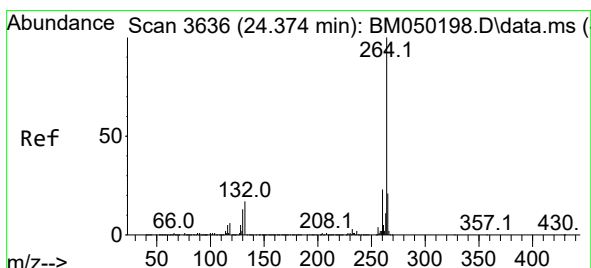
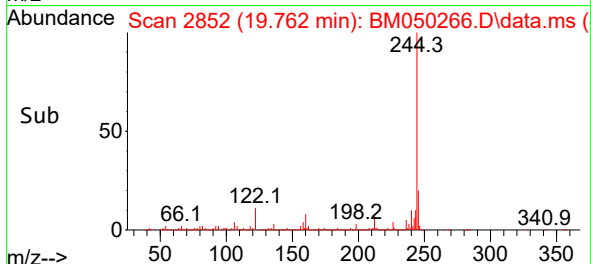
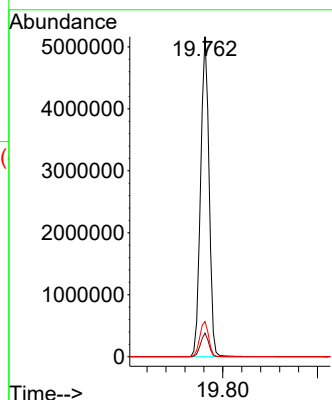
Tgt Ion:244 Resp: 6410059

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.338 min Scan# 3630

Delta R.T. -0.006 min

Lab File: BM050266.D

Acq: 10 Jun 2025 07:25

Tgt Ion:264 Resp: 1393729

Ion Ratio Lower Upper

264 100

260 22.6 18.6 28.0

265 21.1 16.8 25.2

