

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050289.D
 Acq On : 12 Jun 2025 00:37
 Operator : RC/JU
 Sample : Q2274-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 02:57:56 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	7.763	152	391680	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1465709	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	780813	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1439840	20.000	ng	-0.01
76) Chrysene-d12	21.357	240	1492585	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1583149	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	3345688	142.491	ng	0.00
7) Phenol-d6	6.934	99	3807108	123.171	ng	0.00
23) Nitrobenzene-d5	8.916	82	2708877	96.120	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1243716	140.039	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5173528	89.704	ng	0.00
79) Terphenyl-d14	19.757	244	6013357	76.347	ng	-0.01

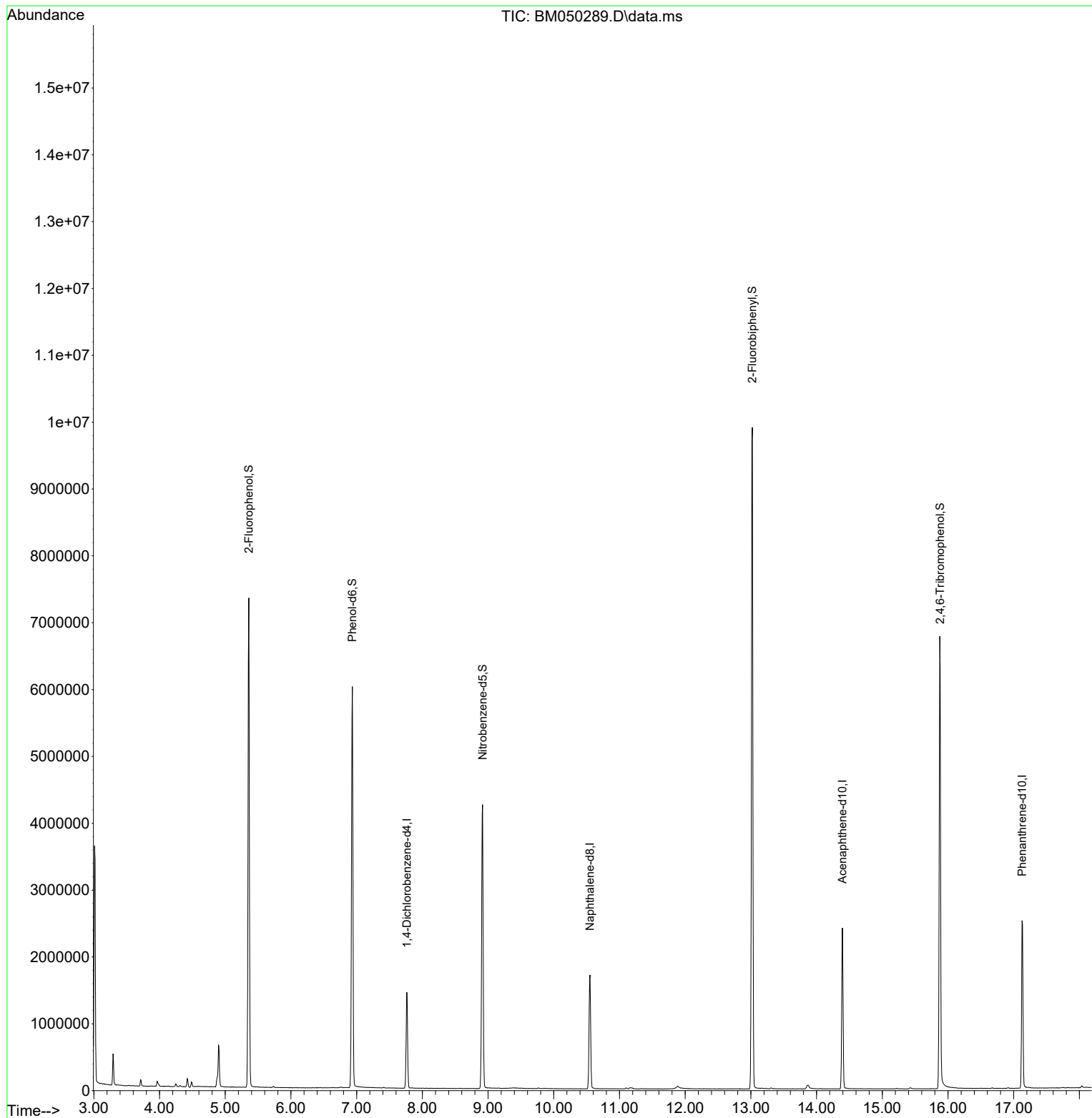
Target Compounds	Qvalue

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

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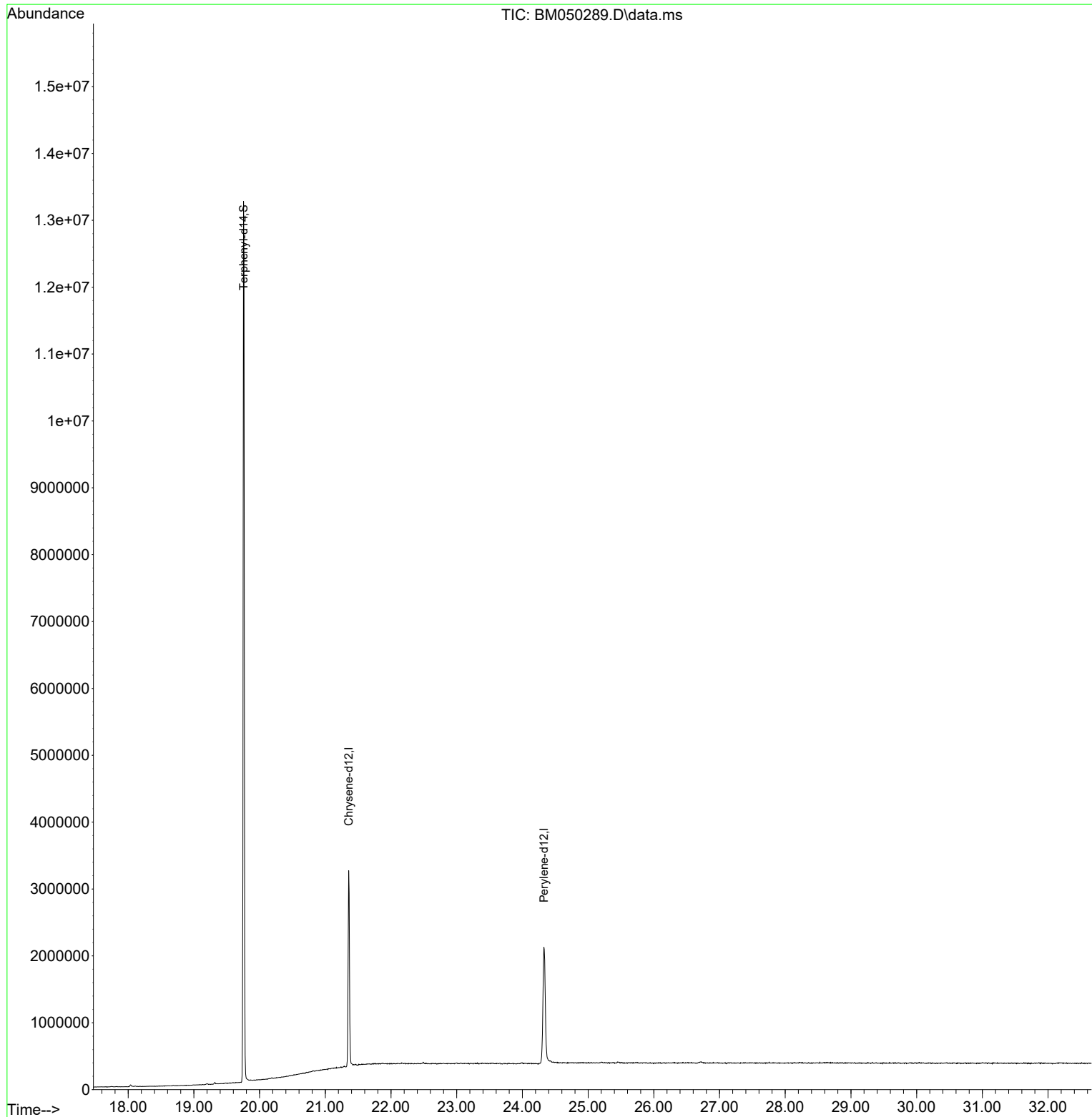
Quant Time: Jun 12 02:57:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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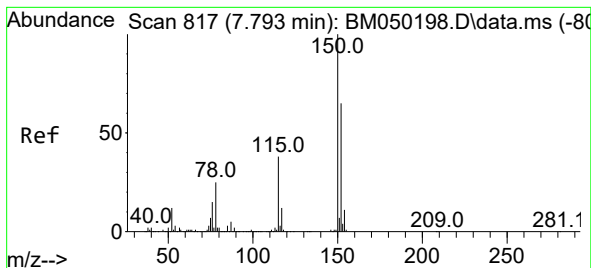


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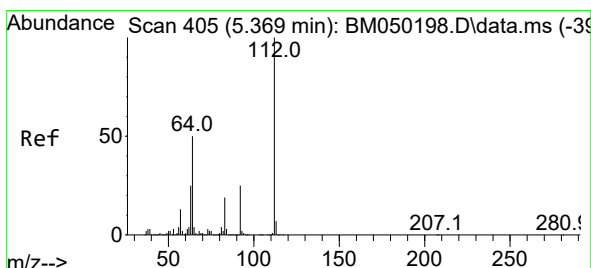
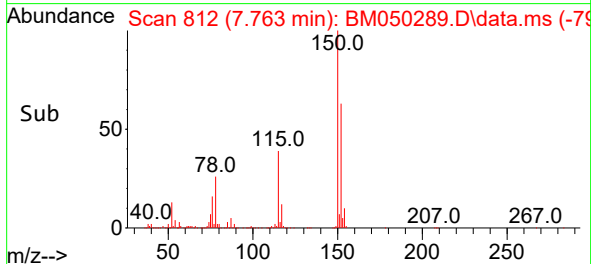
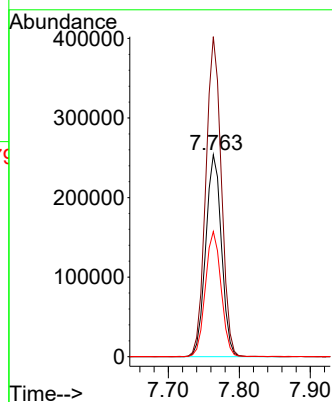
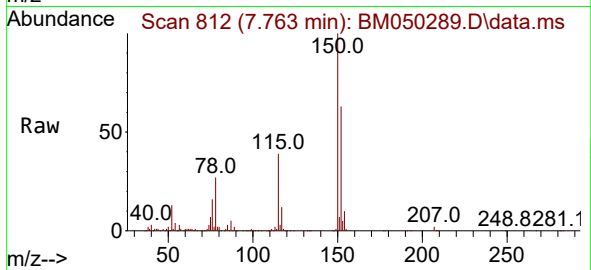




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

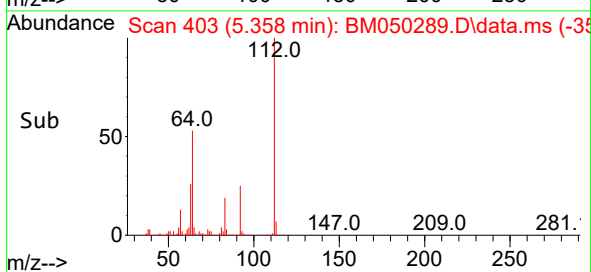
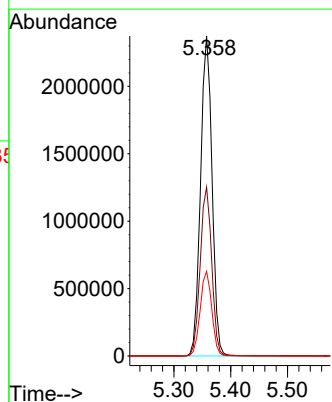
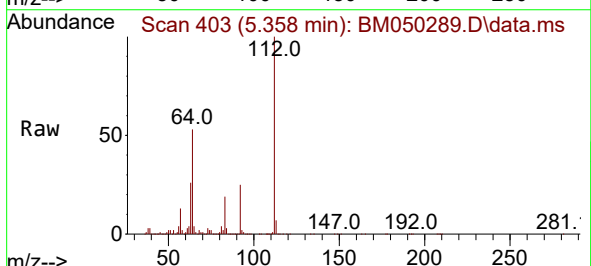
Instrument :
BNA_M
ClientSampleId :

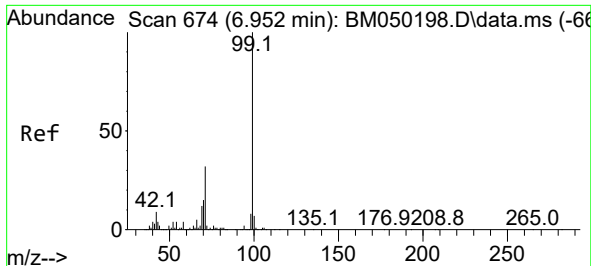
Tgt Ion:152 Resp: 391680
Ion Ratio Lower Upper
152 100
150 158.4 122.2 183.4
115 62.0 46.3 69.5



#5
2-Fluorophenol
Concen: 142.491 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

Tgt Ion:112 Resp: 3345688
Ion Ratio Lower Upper
112 100
64 52.7 39.8 59.6
63 26.4 19.8 29.8

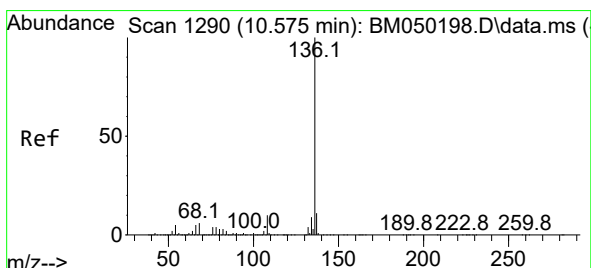
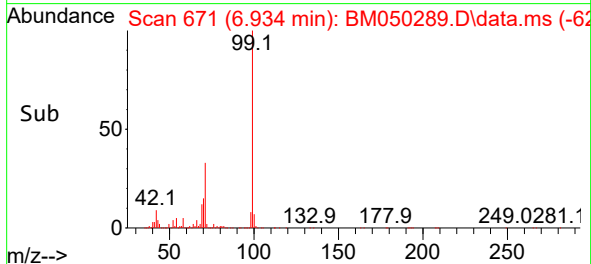
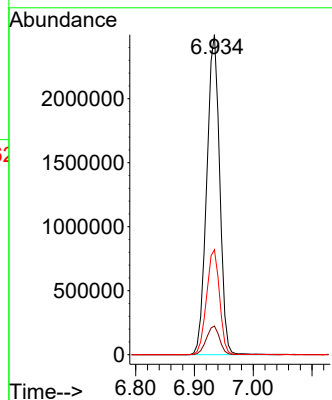
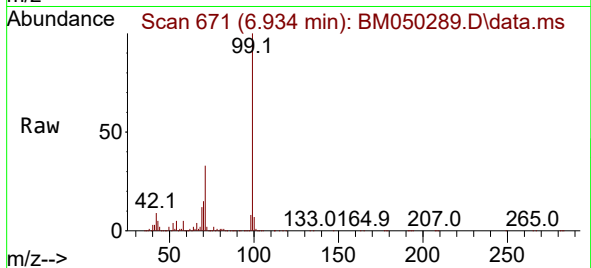




#7
Phenol-d6
Concen: 123.171 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

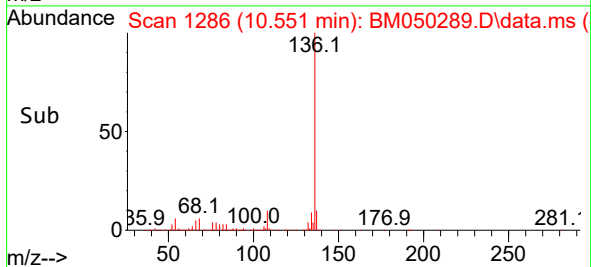
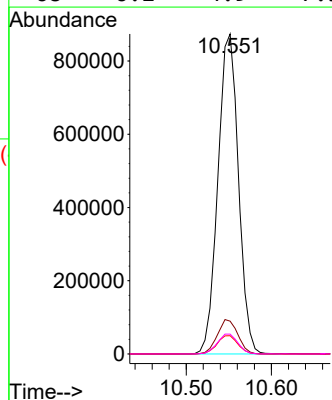
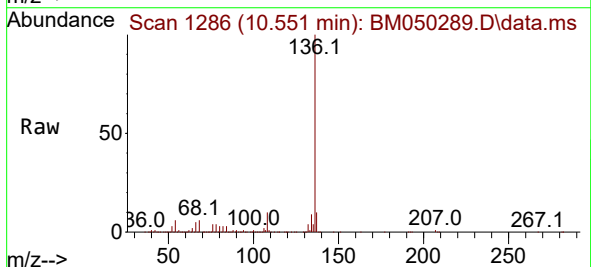
Instrument :
BNA_M
ClientSampleId :

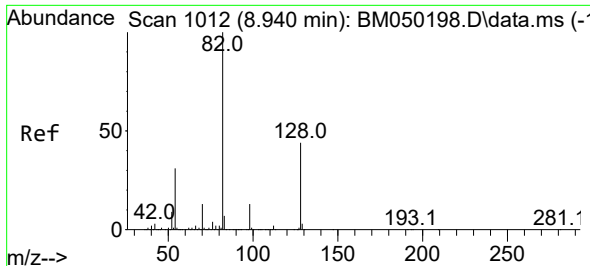
Tgt Ion: 99 Resp: 3807108
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

Tgt Ion: 136 Resp: 1465709
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 5.7 3.8 5.8
68 6.2 4.9 7.3

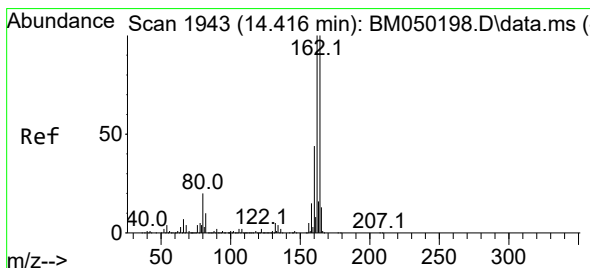
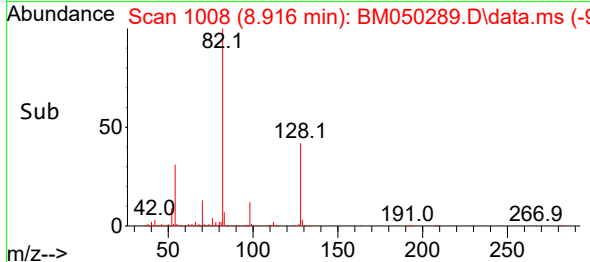
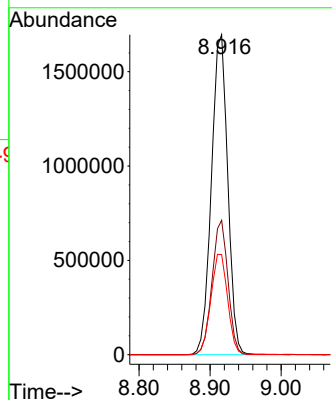
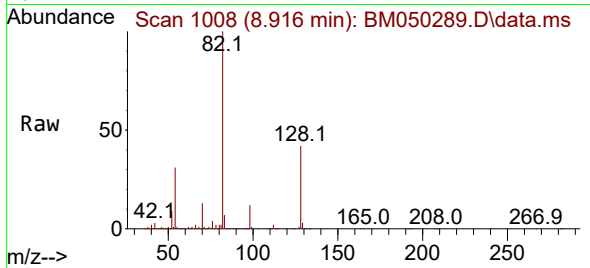




#23
Nitrobenzene-d5
Concen: 96.120 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

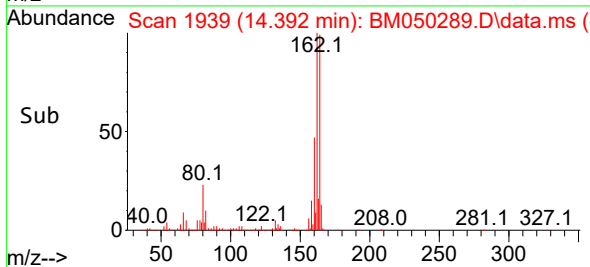
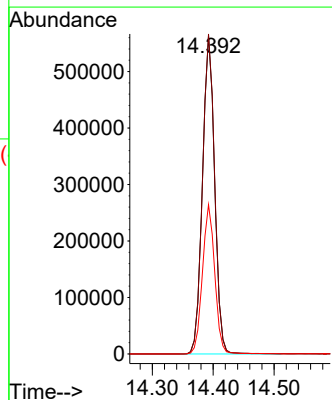
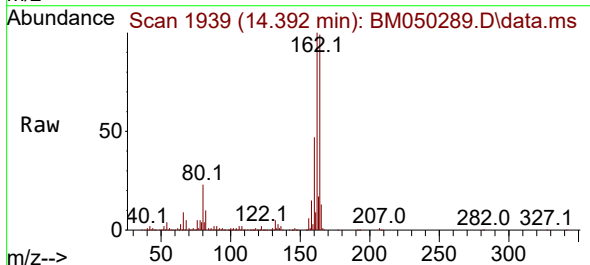
Instrument :
BNA_M
ClientSampleId :

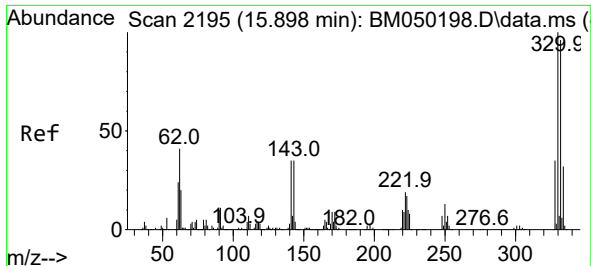
Tgt Ion: 82 Resp: 2708877
Ion Ratio Lower Upper
82 100
128 42.0 35.2 52.8
54 31.3 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

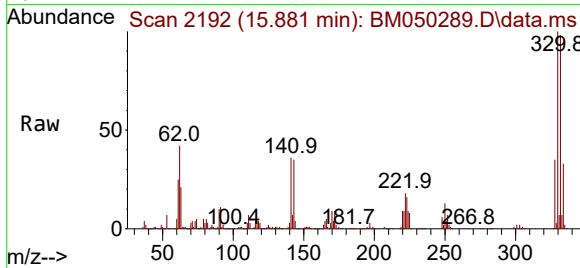
Tgt Ion:164 Resp: 780813
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.4
160 46.9 35.7 53.5



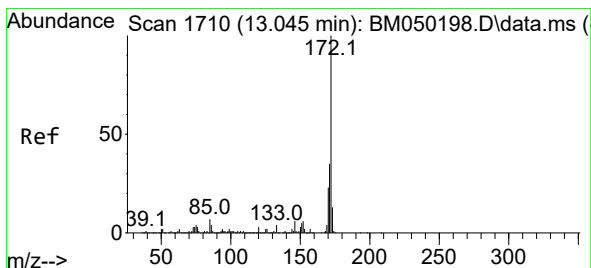
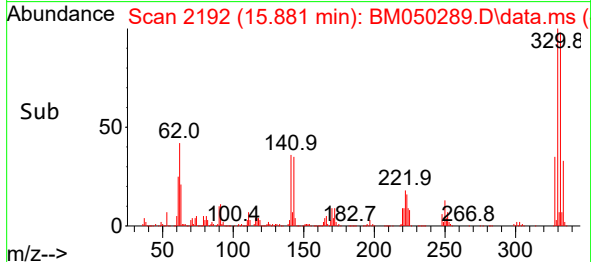
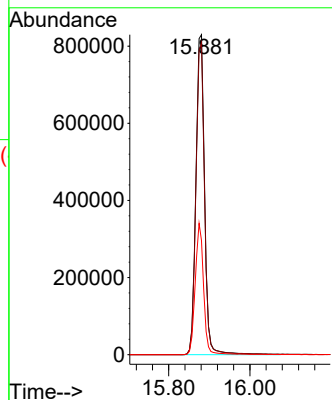


#42
2,4,6-Tribromophenol
Concen: 140.039 ng
RT: 15.881 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

Instrument :
BNA_M
ClientSampleId :

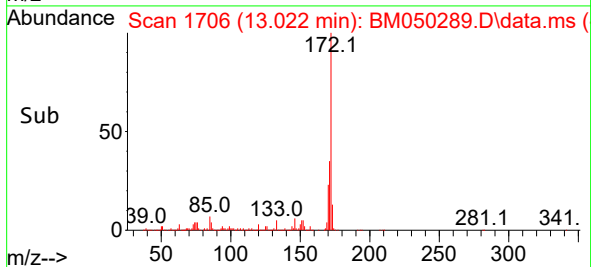
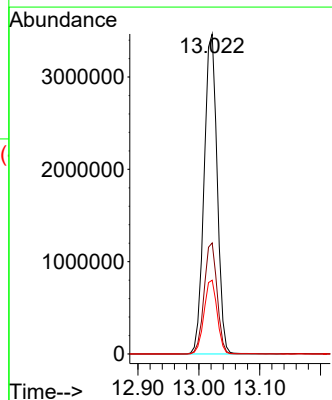
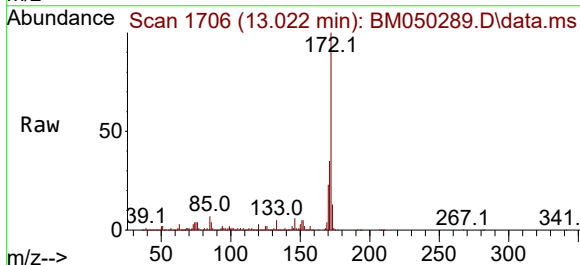


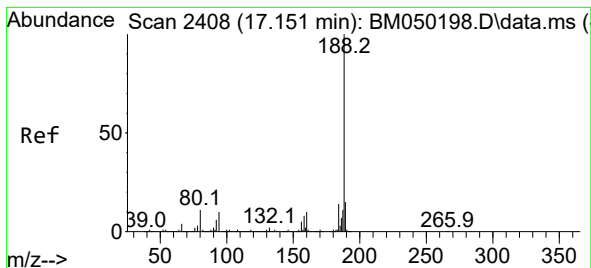
Tgt Ion:330 Resp: 1243716
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 39.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 89.704 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050289.D
Acq: 12 Jun 2025 00:37

Tgt Ion:172 Resp: 5173528
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 24

Delta R.T. -0.011 min

Lab File: BM050289.D

Acq: 12 Jun 2025 00:37

Instrument :

BNA_M

ClientSampleId :

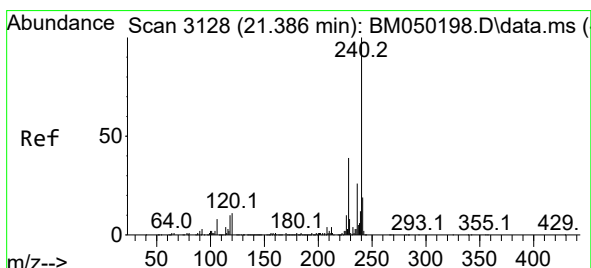
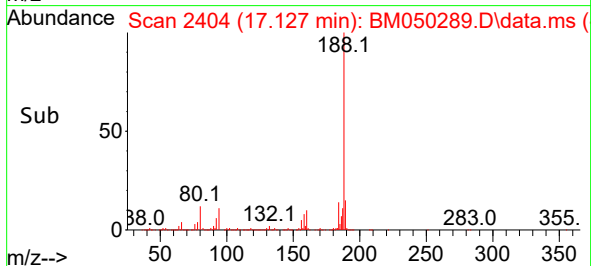
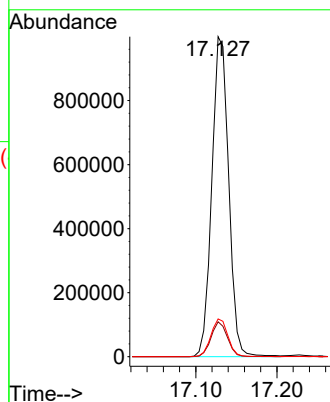
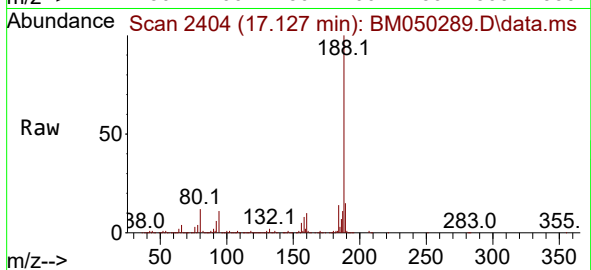
Tgt Ion:188 Resp: 1439840

Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 11.8 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.017 min

Lab File: BM050289.D

Acq: 12 Jun 2025 00:37

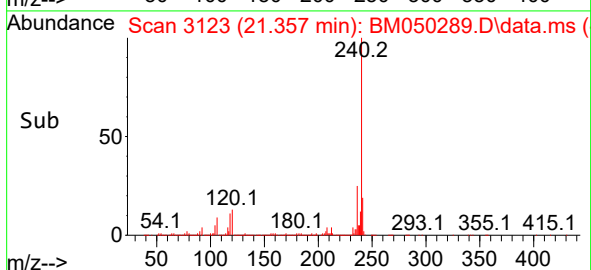
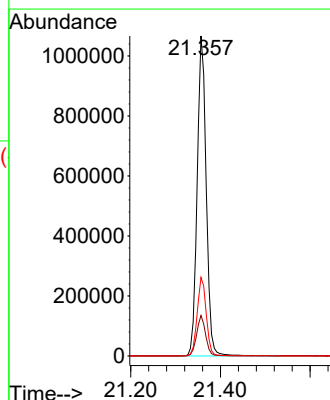
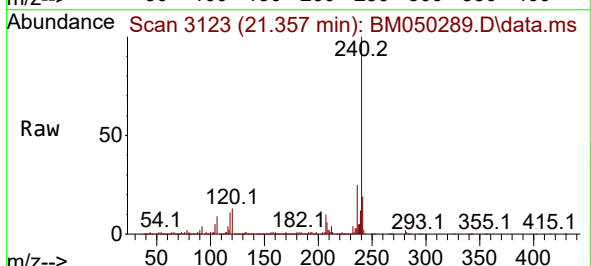
Tgt Ion:240 Resp: 1492585

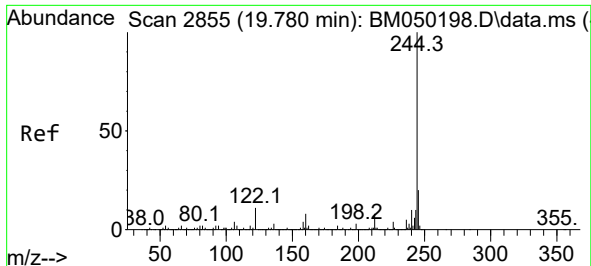
Ion Ratio Lower Upper

240 100

120 12.7 9.0 13.4

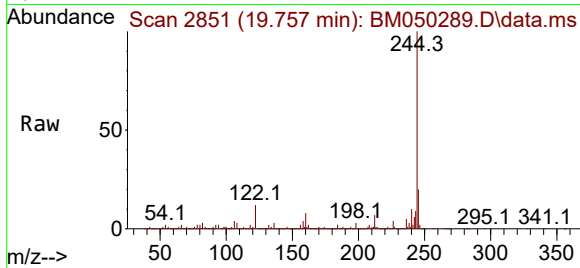
236 24.5 20.7 31.1



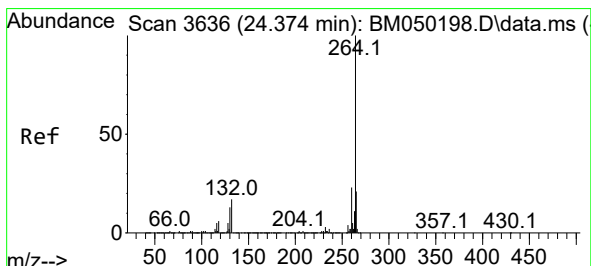
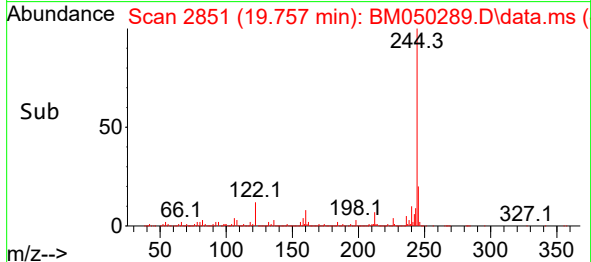
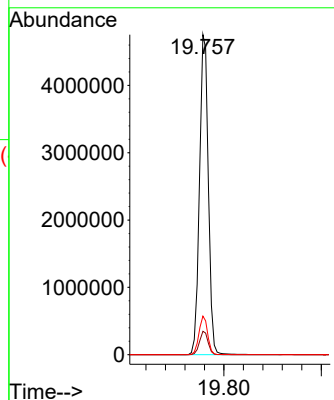


#79
 Terphenyl-d14
 Concen: 76.347 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM050289.D
 Acq: 12 Jun 2025 00:37

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:244 Resp: 6013357
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.327 min Scan# 3628
 Delta R.T. -0.017 min
 Lab File: BM050289.D
 Acq: 12 Jun 2025 00:37

Tgt Ion:264 Resp: 1583149
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 21.5 16.8 25.2

