

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050290.D
 Acq On : 12 Jun 2025 01:16
 Operator : RC/JU
 Sample : Q2280-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 02:58:09 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	346142	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1284379	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	685995	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1266208	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1320428	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1408430	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2958648	142.584	ng	0.00
7) Phenol-d6	6.934	99	3324295	121.699	ng	0.00
23) Nitrobenzene-d5	8.916	82	2426478	98.255	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1119733	143.506	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4694668	92.652	ng	-0.01
79) Terphenyl-d14	19.756	244	6520184	93.575	ng	-0.01

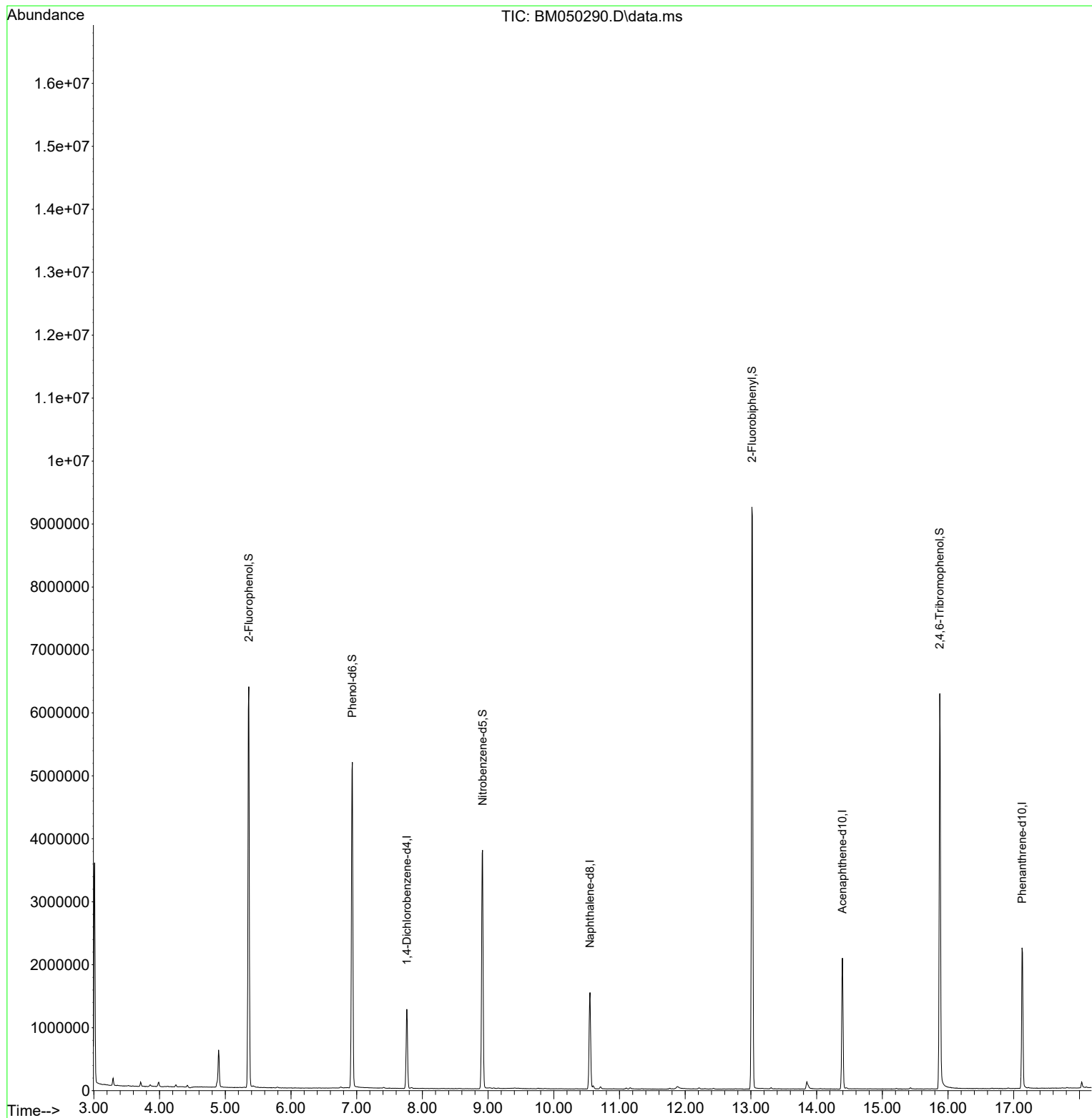
Target Compounds	Qvalue

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

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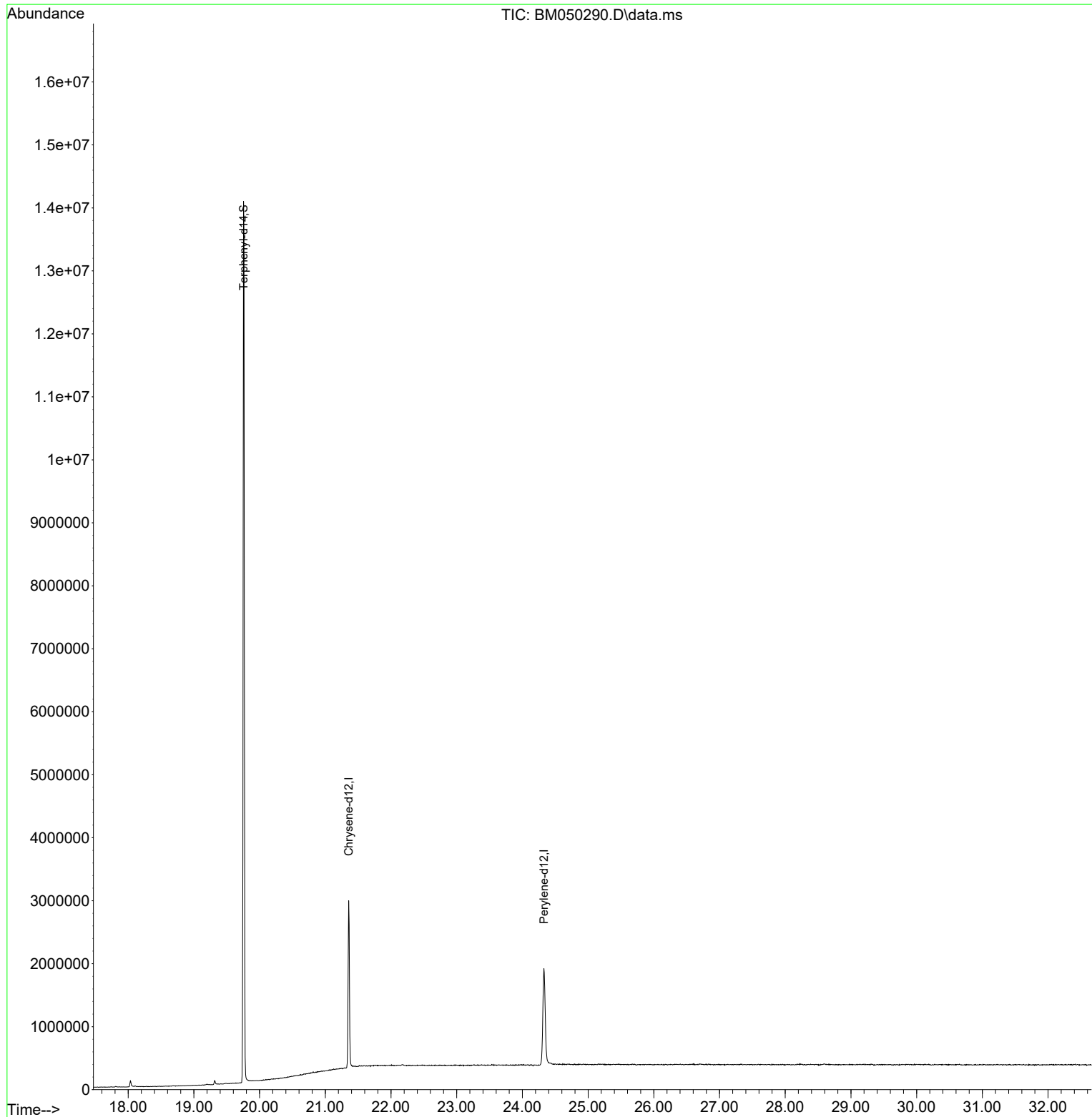
Quant Time: Jun 12 02:58:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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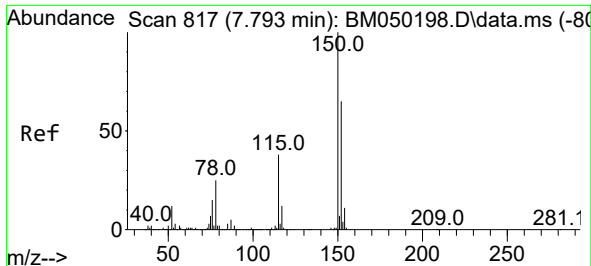


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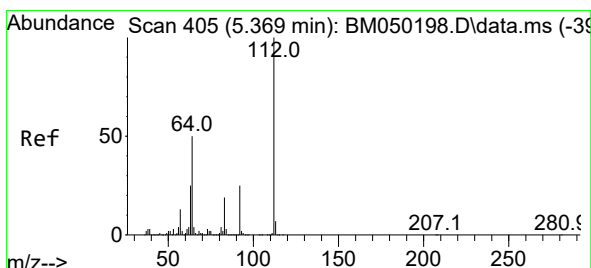
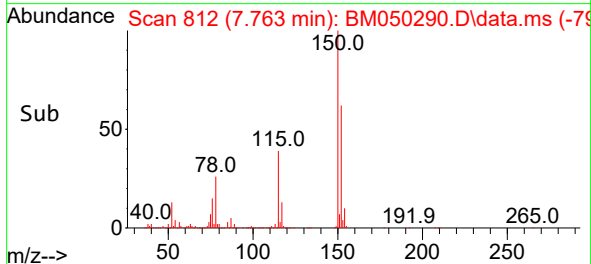
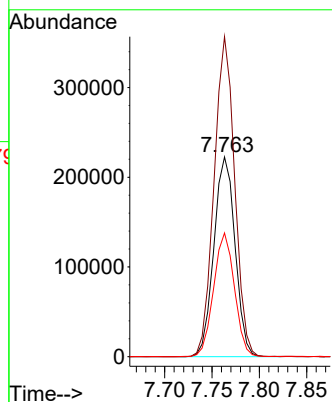
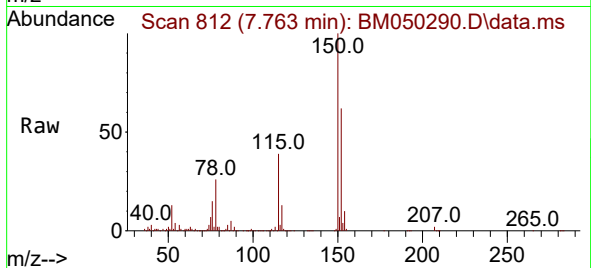




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050290.D
Acq: 12 Jun 2025 01:16

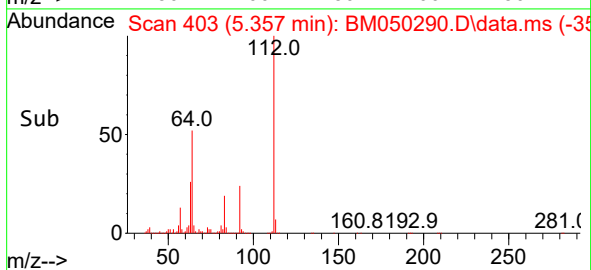
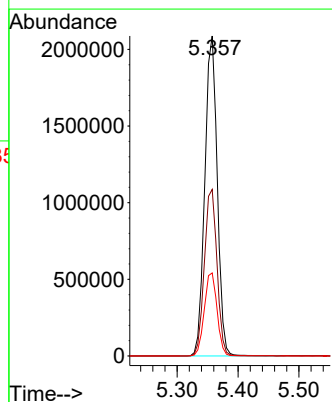
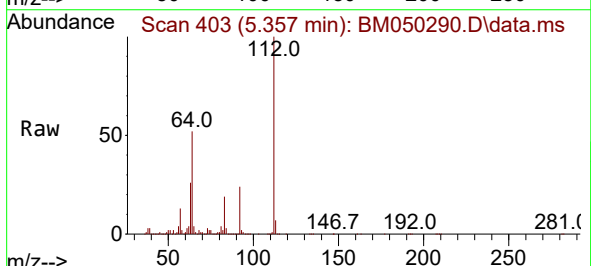
Instrument :
BNA_M
ClientSampleId :

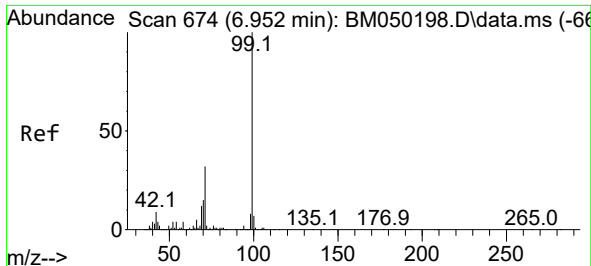
Tgt Ion:152 Resp: 346142
Ion Ratio Lower Upper
152 100
150 160.2 122.2 183.4
115 61.9 46.3 69.5



#5
2-Fluorophenol
Concen: 142.584 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050290.D
Acq: 12 Jun 2025 01:16

Tgt Ion:112 Resp: 2958648
Ion Ratio Lower Upper
112 100
64 52.0 39.8 59.6
63 26.0 19.8 29.8

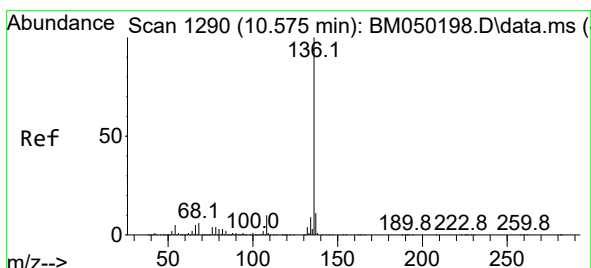
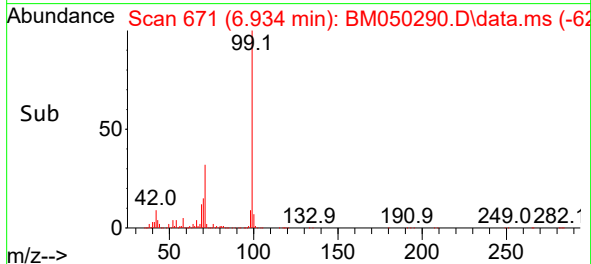
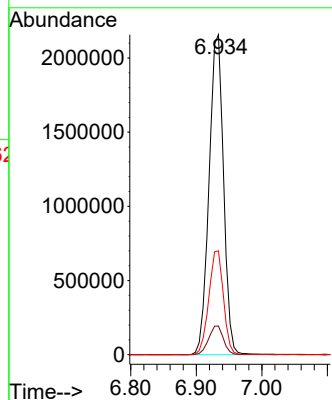
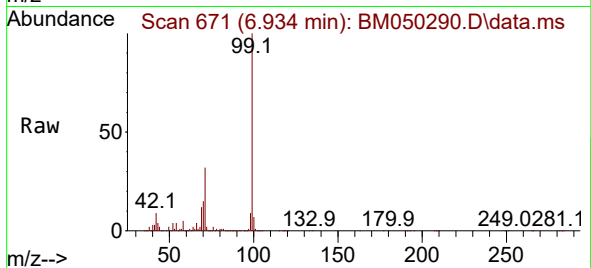




#7
Phenol-d6
Concen: 121.699 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050290.D
Acq: 12 Jun 2025 01:16

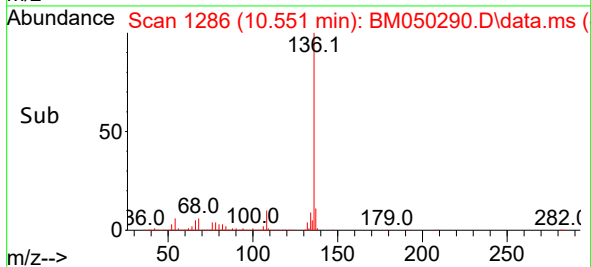
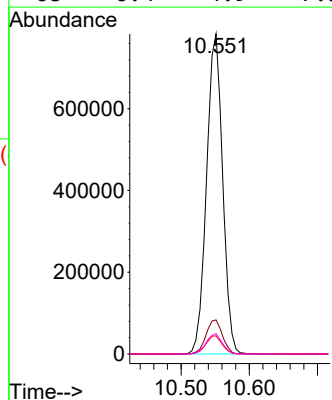
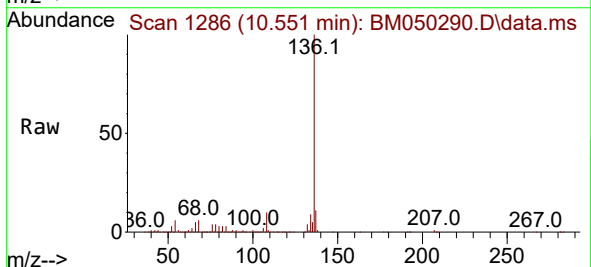
Instrument :
BNA_M
ClientSampleId :

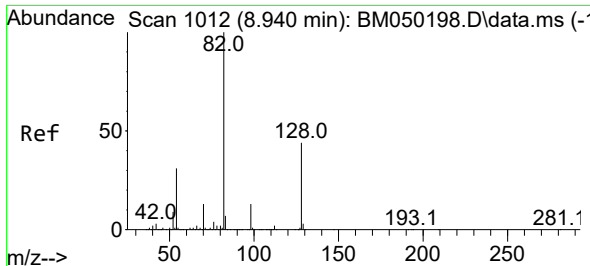
Tgt Ion: 99 Resp: 3324295
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050290.D
Acq: 12 Jun 2025 01:16

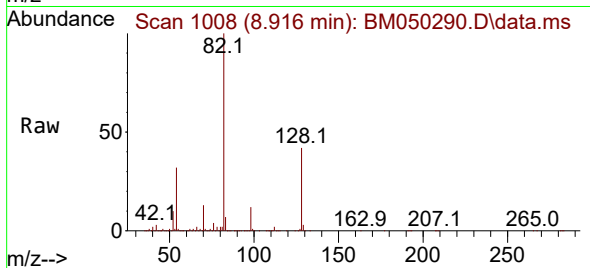
Tgt Ion: 136 Resp: 1284379
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.7 3.8 5.8
68 6.4 4.9 7.3





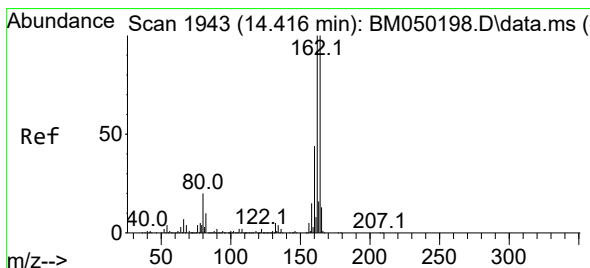
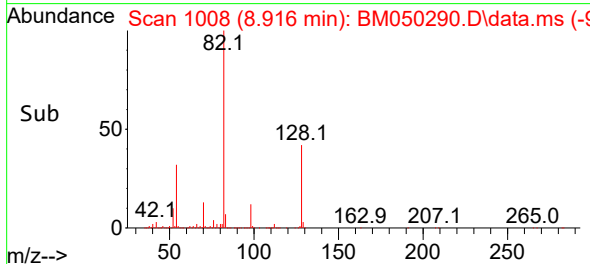
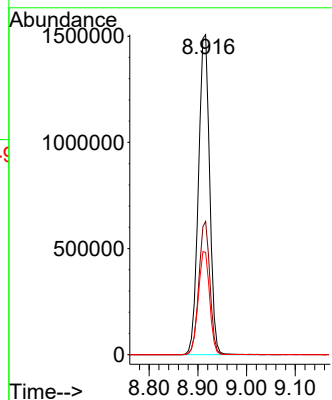
#23
 Nitrobenzene-d5
 Concen: 98.255 ng
 RT: 8.916 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BM050290.D
 Acq: 12 Jun 2025 01:16

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 82 Resp: 2426478

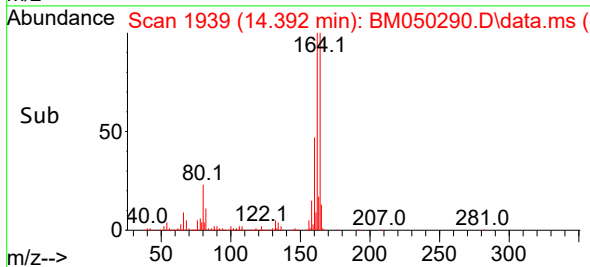
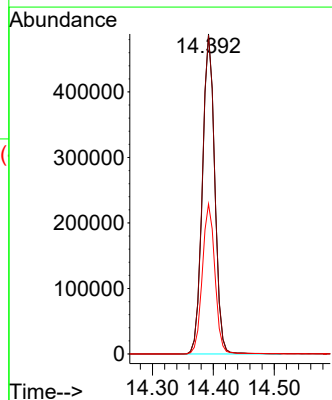
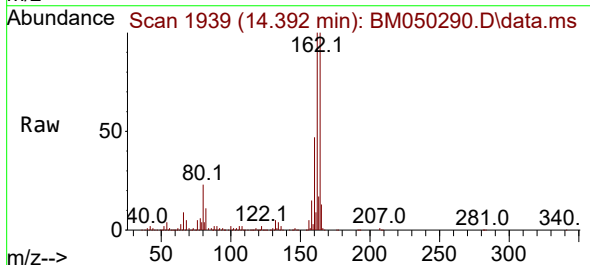
Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.2	52.8
54	32.0	24.5	36.7

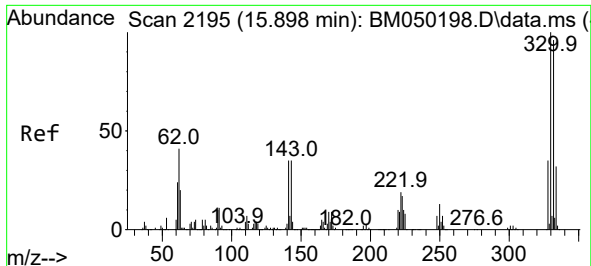


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM050290.D
 Acq: 12 Jun 2025 01:16

Tgt Ion: 164 Resp: 685995

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.2	120.4
160	46.9	35.7	53.5

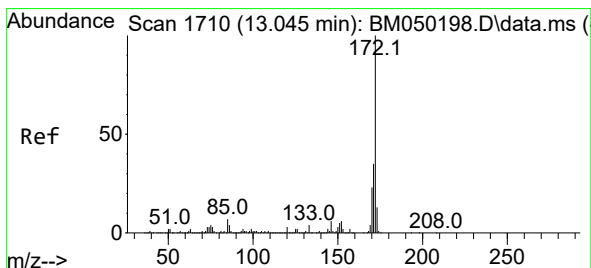
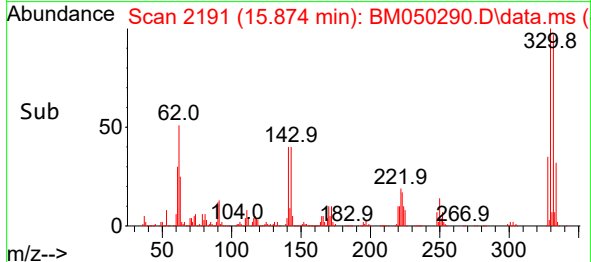
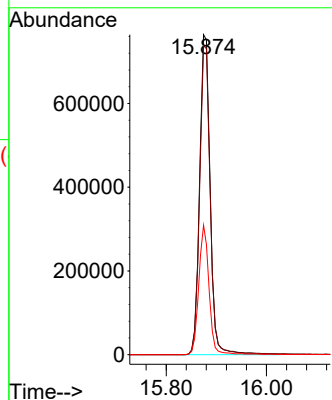
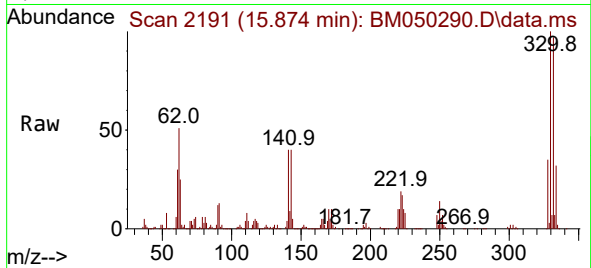




#42
2,4,6-Tribromophenol
Concen: 143.506 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050290.D
Acq: 12 Jun 2025 01:16

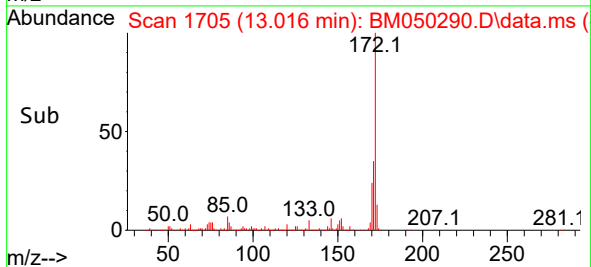
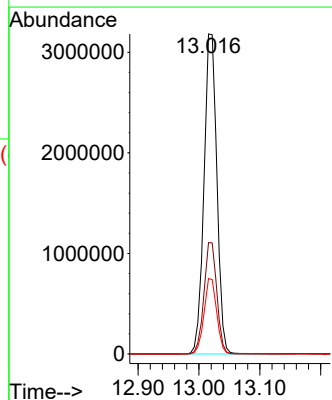
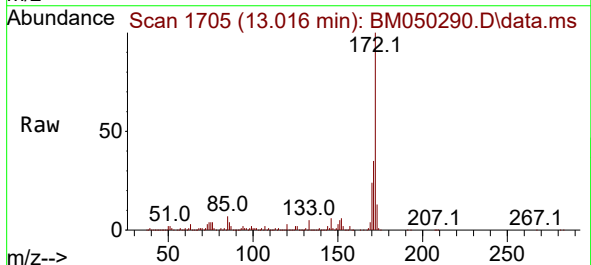
Instrument :
BNA_M
ClientSampleId :

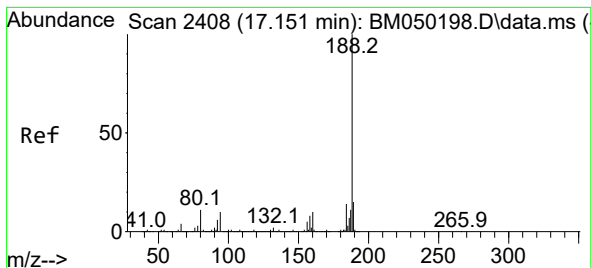
Tgt Ion:330 Resp: 1119733
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 39.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 92.652 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050290.D
Acq: 12 Jun 2025 01:16

Tgt Ion:172 Resp: 4694668
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM050290.D

Acq: 12 Jun 2025 01:16

Instrument :

BNA_M

ClientSampleId :

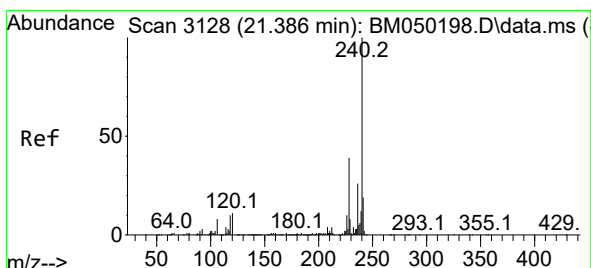
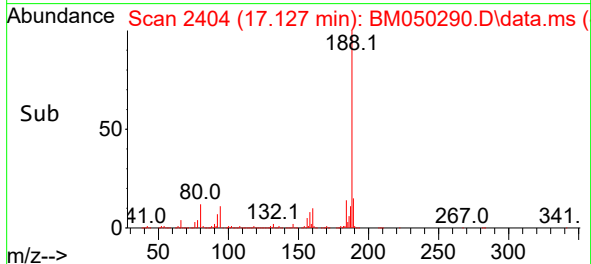
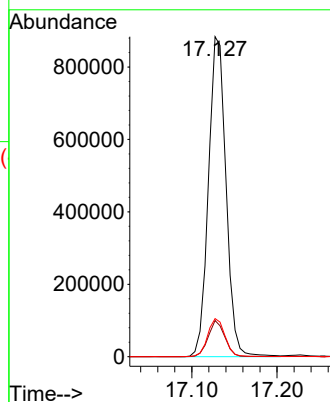
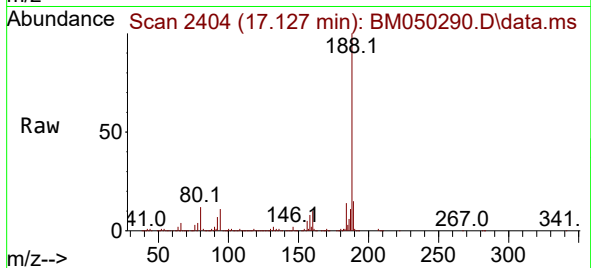
Tgt Ion:188 Resp: 1266208

Ion Ratio Lower Upper

188 100

94 11.3 8.1 12.1

80 11.9 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.018 min

Lab File: BM050290.D

Acq: 12 Jun 2025 01:16

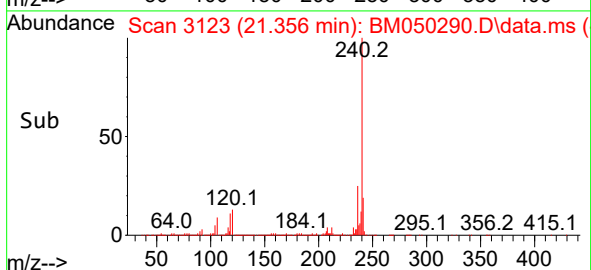
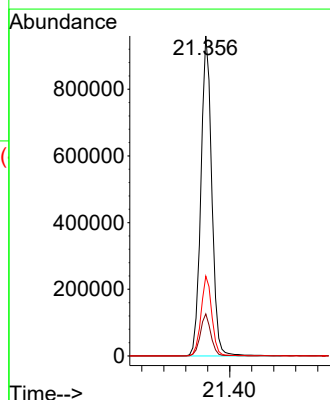
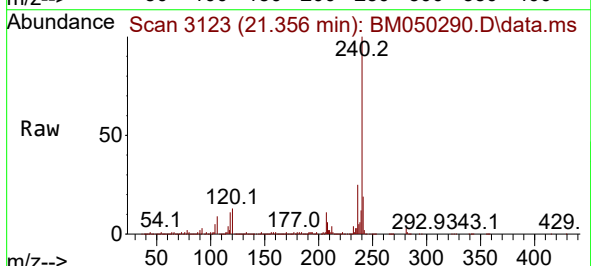
Tgt Ion:240 Resp: 1320428

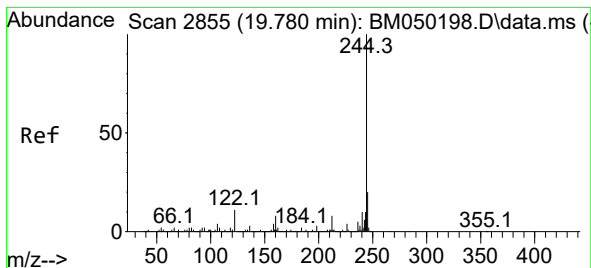
Ion Ratio Lower Upper

240 100

120 13.2 9.0 13.4

236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 93.575 ng

RT: 19.756 min Scan# 21

Delta R.T. -0.012 min

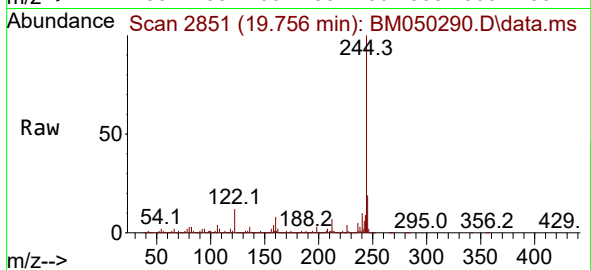
Lab File: BM050290.D

Acq: 12 Jun 2025 01:16

Instrument :

BNA_M

ClientSampleId :



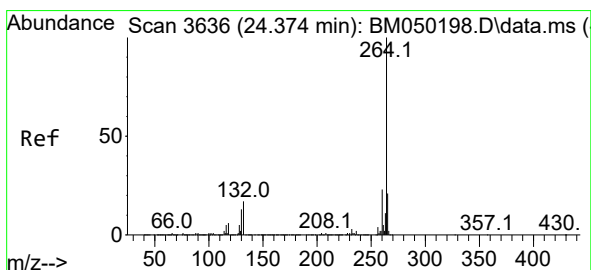
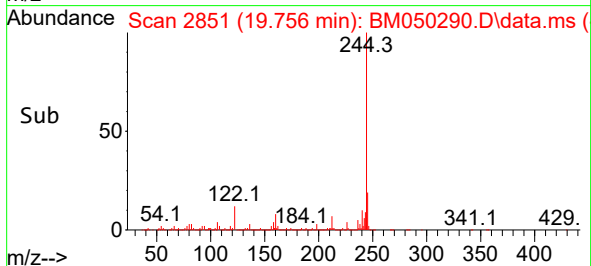
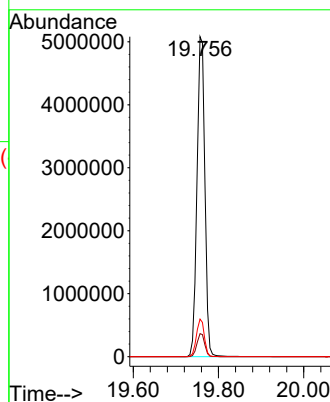
Tgt Ion:244 Resp: 6520184

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.8 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.018 min

Lab File: BM050290.D

Acq: 12 Jun 2025 01:16

Tgt Ion:264 Resp: 1408430

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

265 21.6 16.8 25.2

