

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050271.D
 Acq On : 10 Jun 2025 10:41
 Operator : RC/JU
 Sample : Q2240-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Jun 10 11:56:04 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	320782	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1199860	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	633154	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1156088	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1150490	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1208932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2897454	150.674	ng	0.00
7) Phenol-d6	6.934	99	3227101	127.481	ng	0.00
23) Nitrobenzene-d5	8.916	82	2319699	100.548	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1094850	152.027	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4458873	95.342	ng	0.00
79) Terphenyl-d14	19.762	244	5846456	96.300	ng	0.00

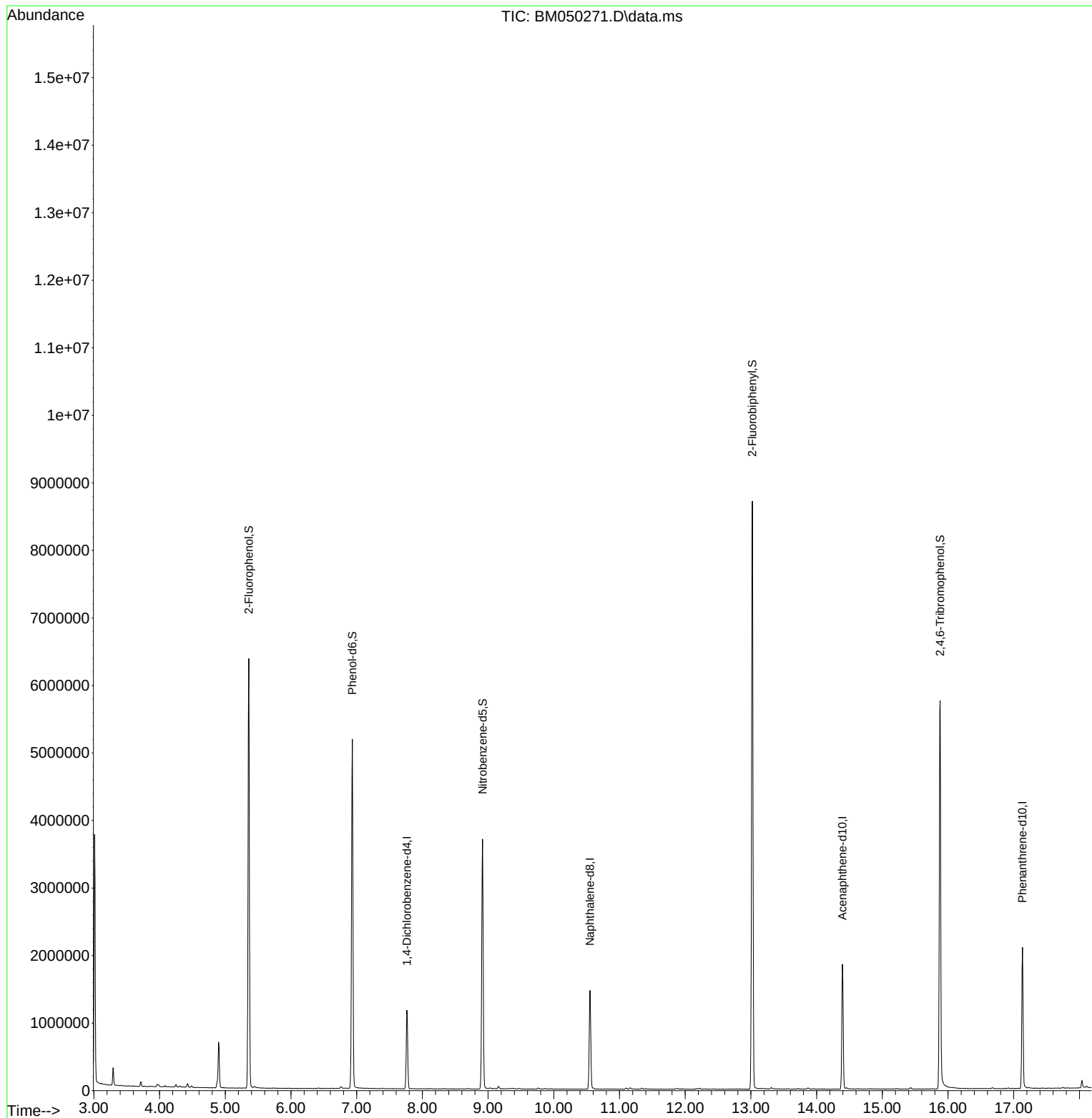
Target Compounds	Qvalue

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

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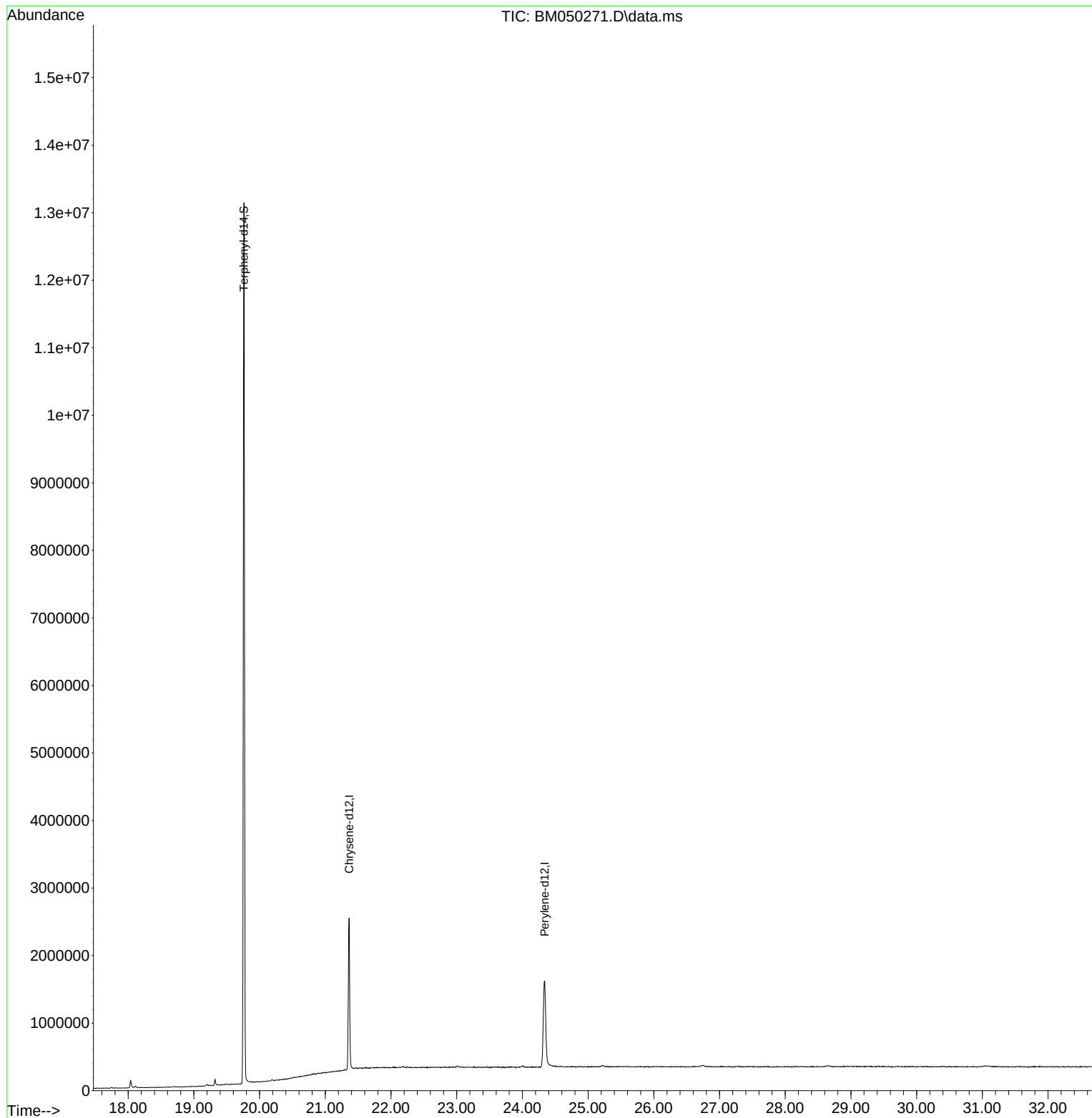
Quant Time: Jun 10 11:56:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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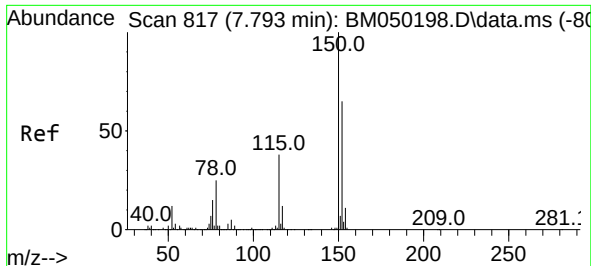


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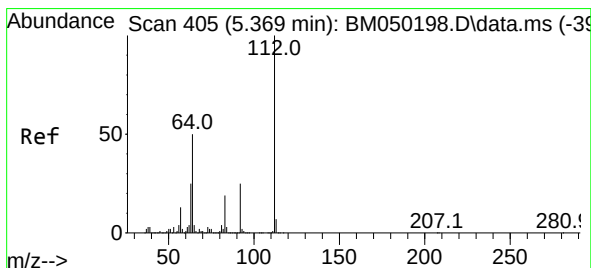
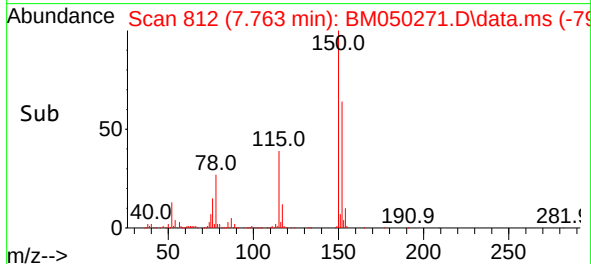
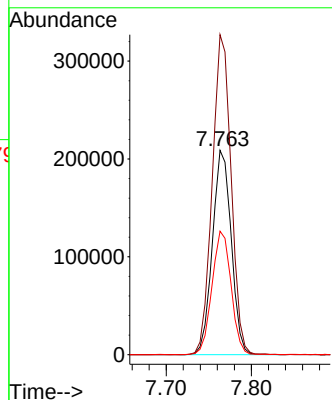
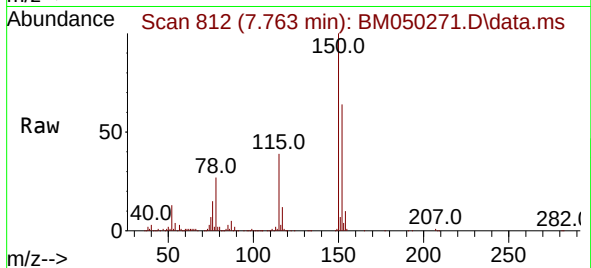




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

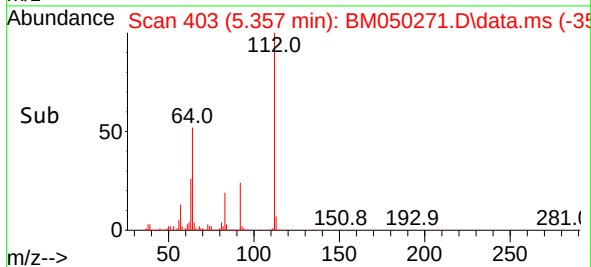
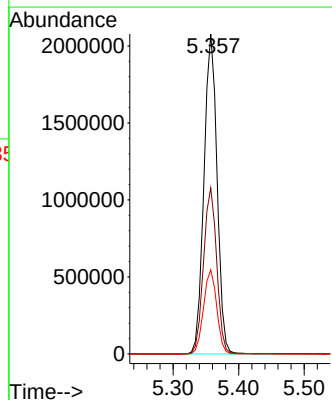
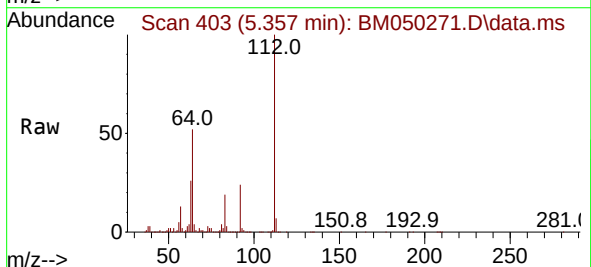
Instrument :
BNA_M
ClientSampleId :
TP-2

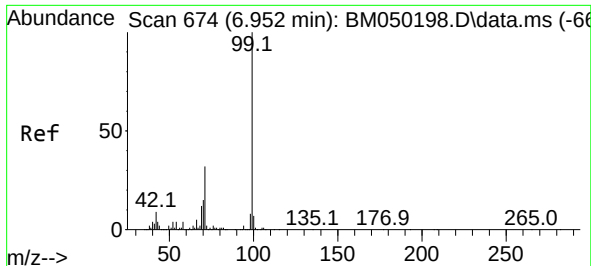
Tgt Ion:152 Resp: 320782
Ion Ratio Lower Upper
152 100
150 156.7 122.2 183.4
115 60.5 46.3 69.5



#5
2-Fluorophenol
Concen: 150.674 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

Tgt Ion:112 Resp: 2897454
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.6
63 26.3 19.8 29.8

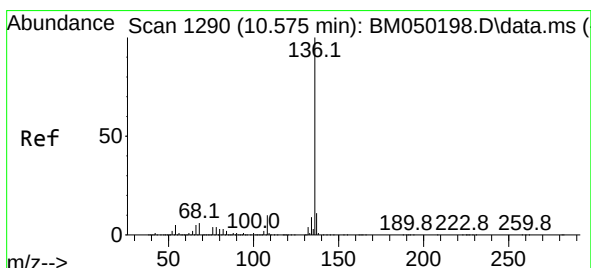
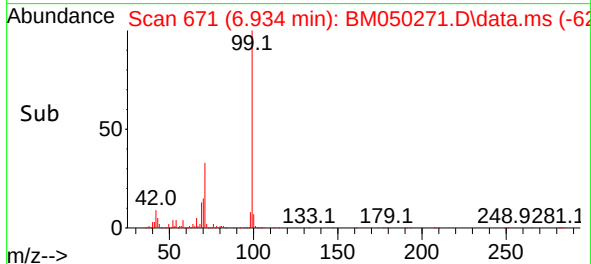
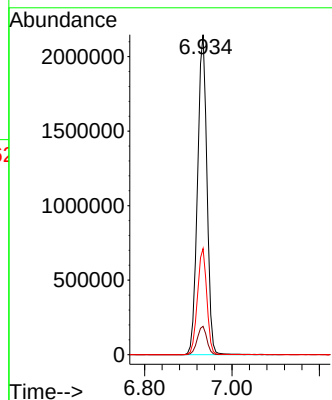
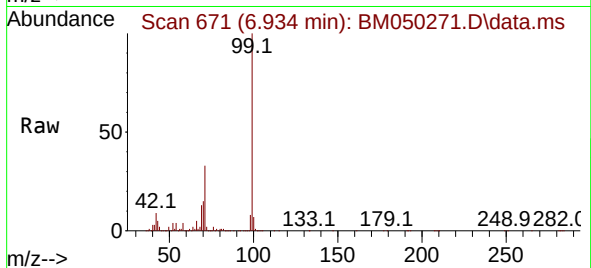




#7
Phenol-d6
Concen: 127.481 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

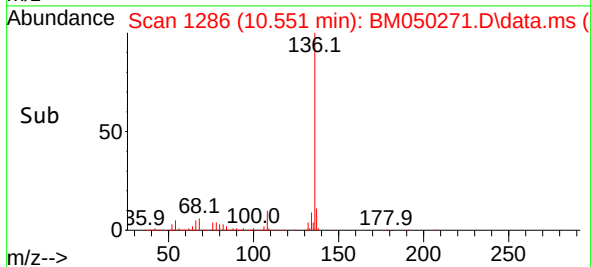
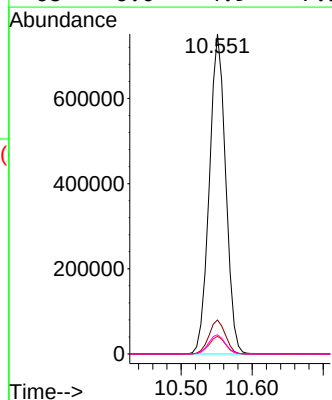
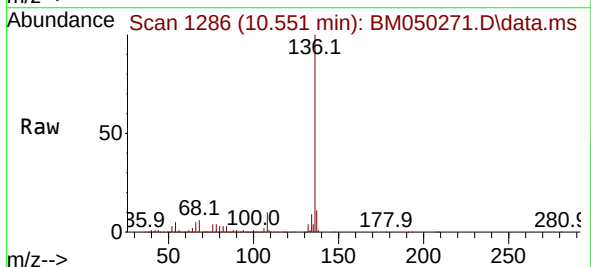
Instrument :
BNA_M
ClientSampleId :
TP-2

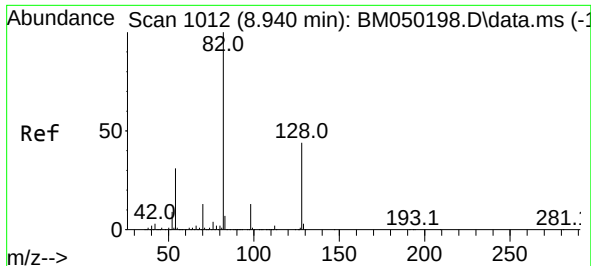
Tgt Ion: 99 Resp: 3227101
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 33.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

Tgt Ion: 136 Resp: 1199860
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.5 3.8 5.8
68 6.0 4.9 7.3



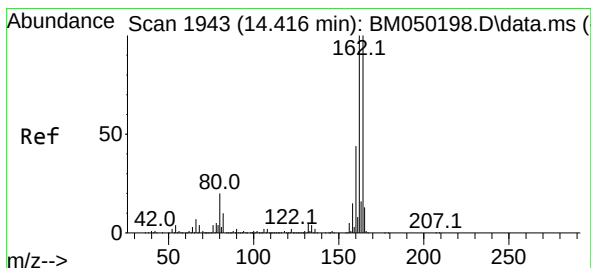
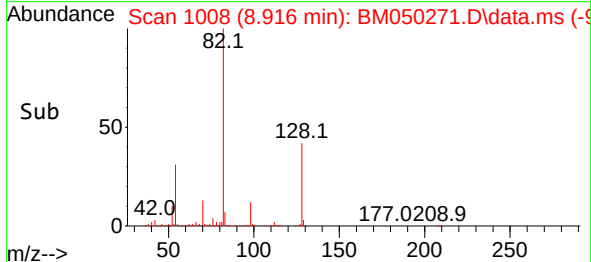
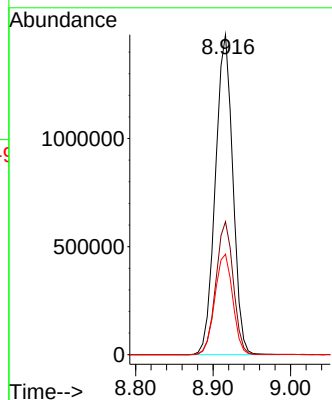
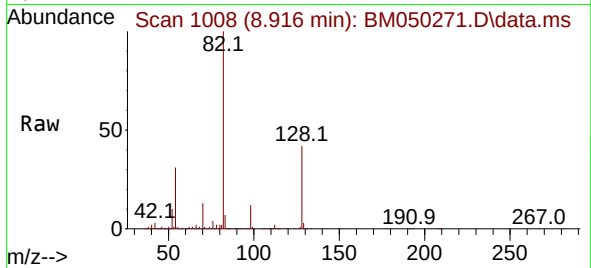


#23
Nitrobenzene-d5
Concen: 100.548 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

Instrument :
BNA_M
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 2319699

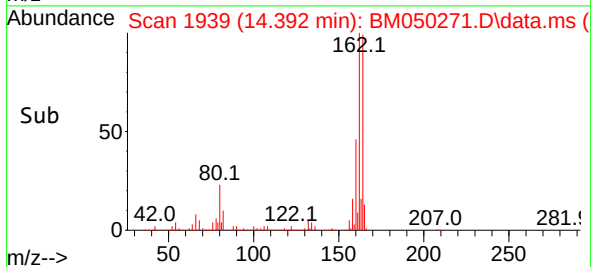
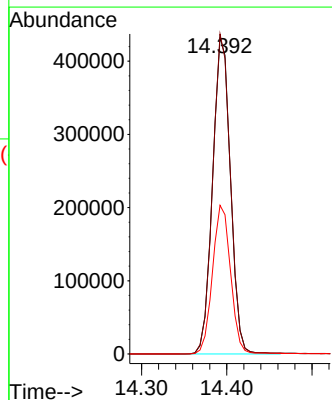
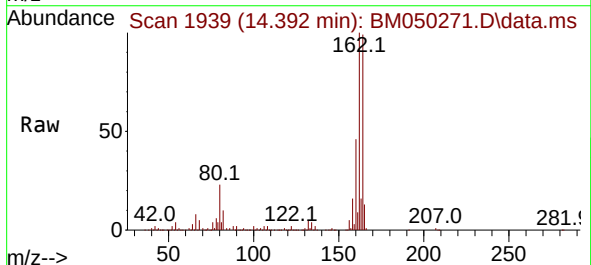
Ion	Ratio	Lower	Upper
82	100		
128	41.6	35.2	52.8
54	31.4	24.5	36.7

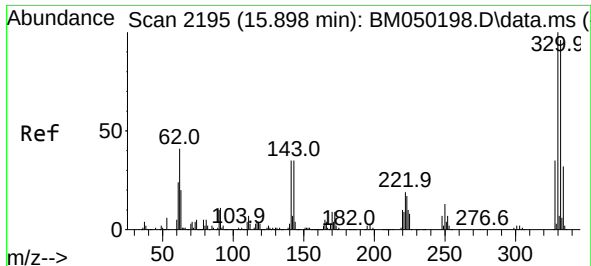


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

Tgt Ion:164 Resp: 633154

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	47.0	35.7	53.5

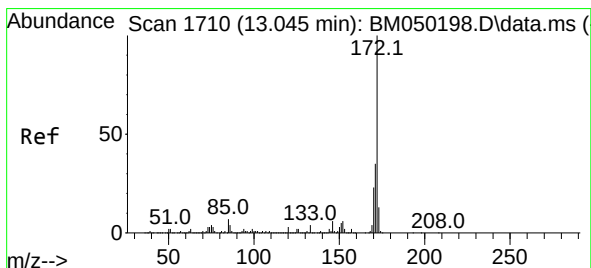
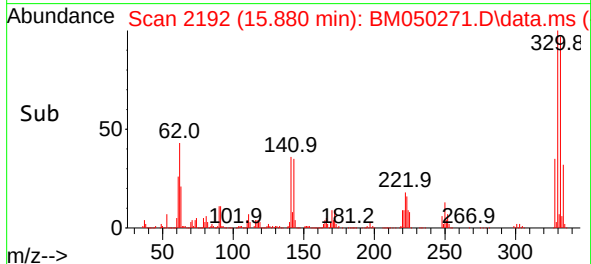
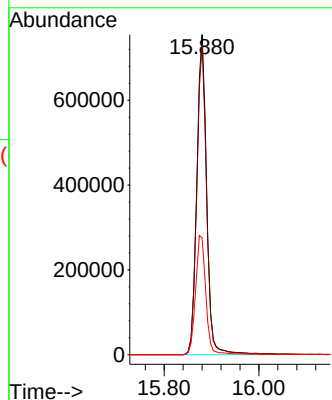
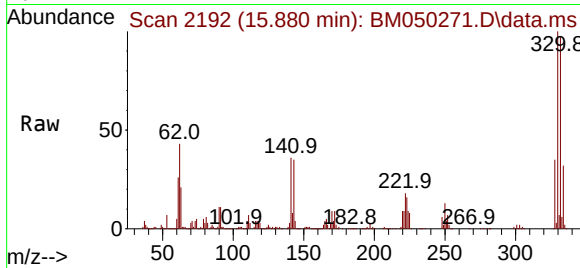




#42
2,4,6-Tribromophenol
Concen: 152.027 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

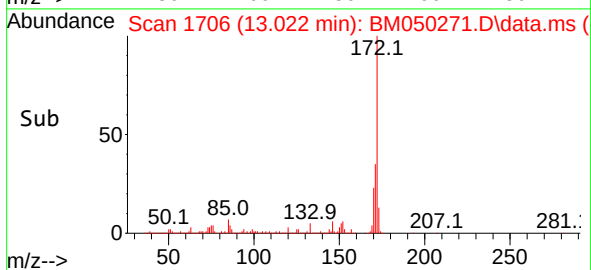
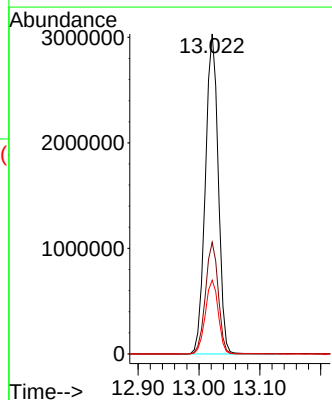
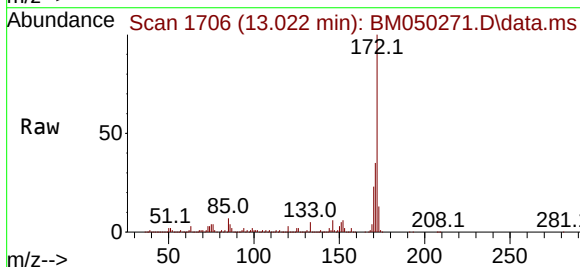
Instrument :
BNA_M
ClientSampleId :
TP-2

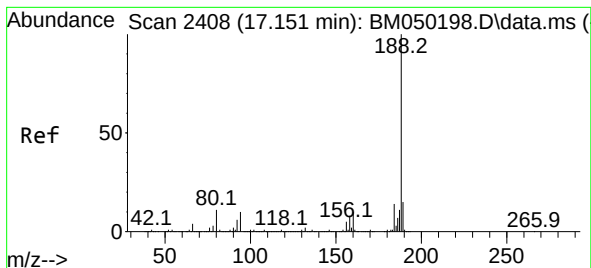
Tgt Ion:330 Resp: 1094850
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 38.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 95.342 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050271.D
Acq: 10 Jun 2025 10:41

Tgt Ion:172 Resp: 4458873
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.1 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: BM050271.D

Acq: 10 Jun 2025 10:41

Instrument :

BNA_M

ClientSampleId :

TP-2

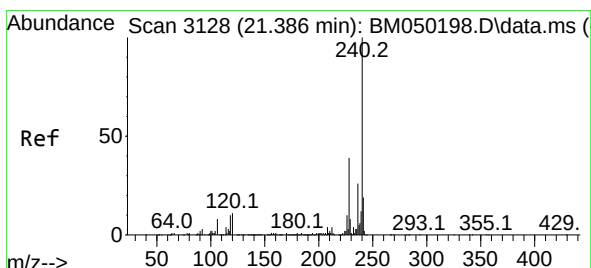
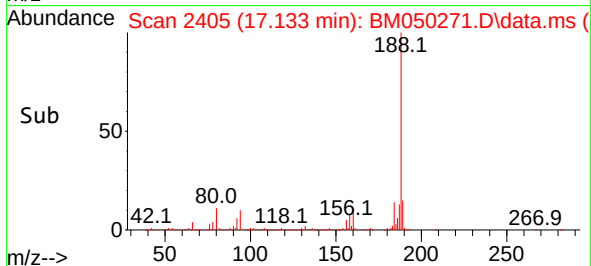
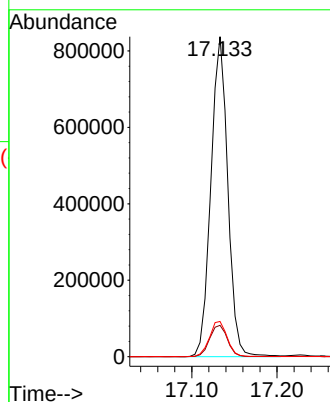
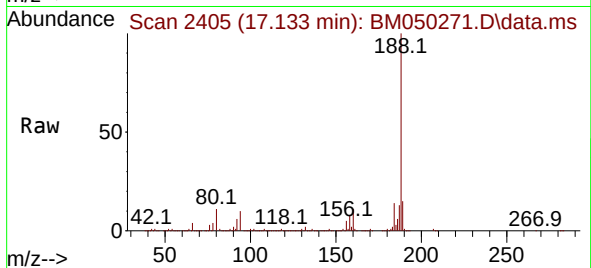
Tgt Ion:188 Resp: 1156088

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

80 11.0 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: BM050271.D

Acq: 10 Jun 2025 10:41

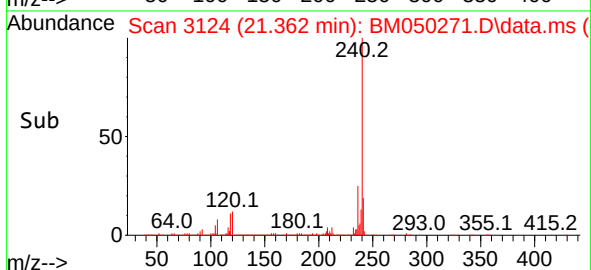
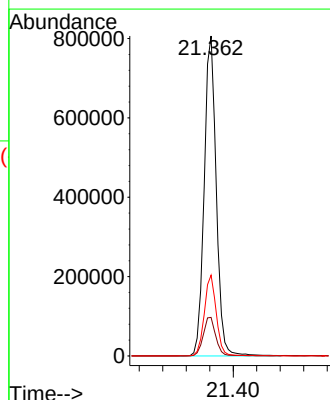
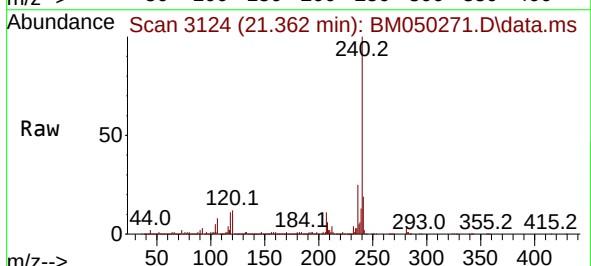
Tgt Ion:240 Resp: 1150490

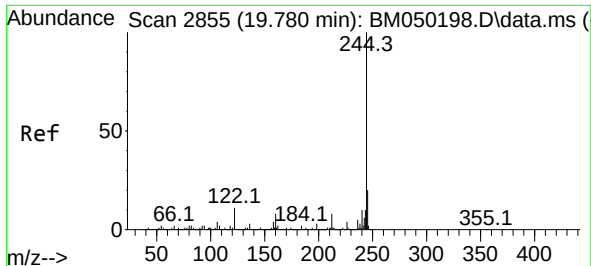
Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.4

236 25.3 20.7 31.1

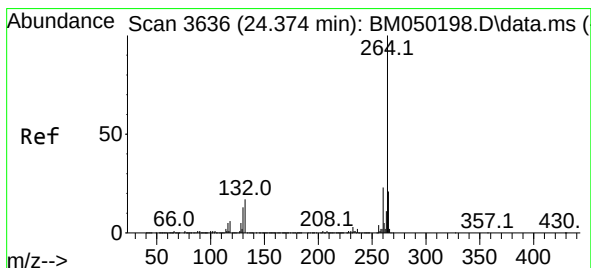
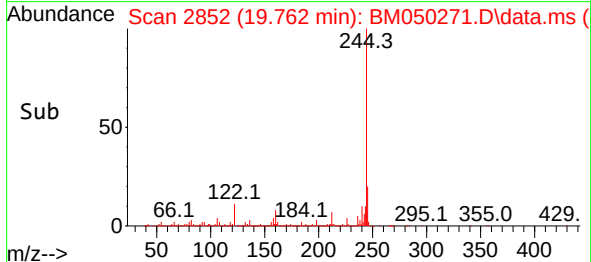
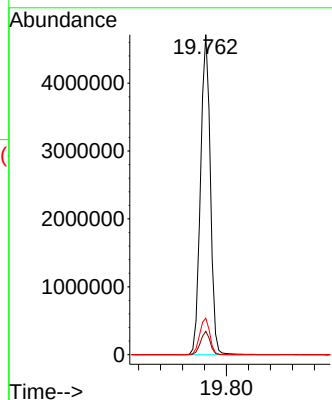
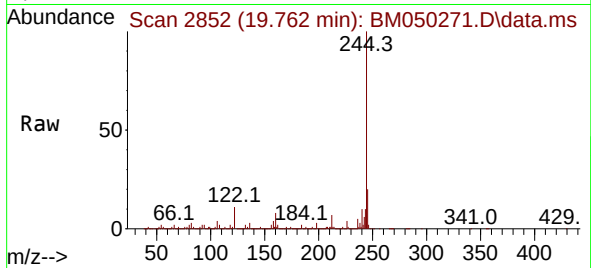




#79
 Terphenyl-d14
 Concen: 96.300 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050271.D
 Acq: 10 Jun 2025 10:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 5846456
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.4 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: BM050271.D
 Acq: 10 Jun 2025 10:41

Tgt Ion:264 Resp: 1208932
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.7 16.8 25.2

