

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050272.D
 Acq On : 10 Jun 2025 11:20
 Operator : RC/JU
 Sample : Q2240-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Jun 10 11:56:25 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	328626	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1237861	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	601449	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1172270	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1033423	20.000	ng	-0.01
86) Perylene-d12	24.333	264	237701	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2857853	145.068	ng	0.00
7) Phenol-d6	6.934	99	3123222	120.433	ng	0.00
23) Nitrobenzene-d5	8.916	82	2288323	96.143	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1046315	152.946	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4380014	98.593	ng	0.00
79) Terphenyl-d14	19.762	244	5661847	103.823	ng	0.00

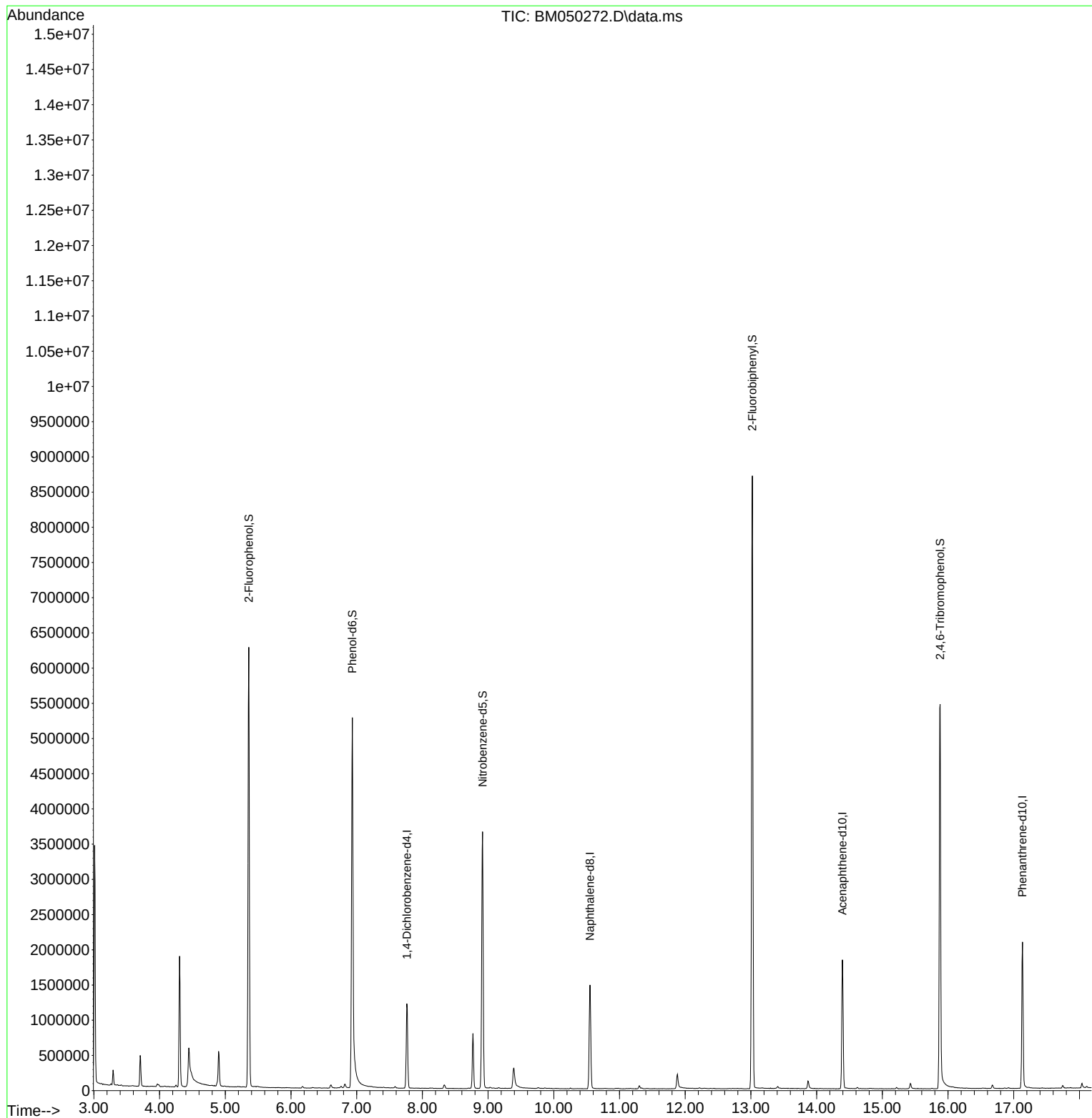
Target Compounds	Qvalue

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

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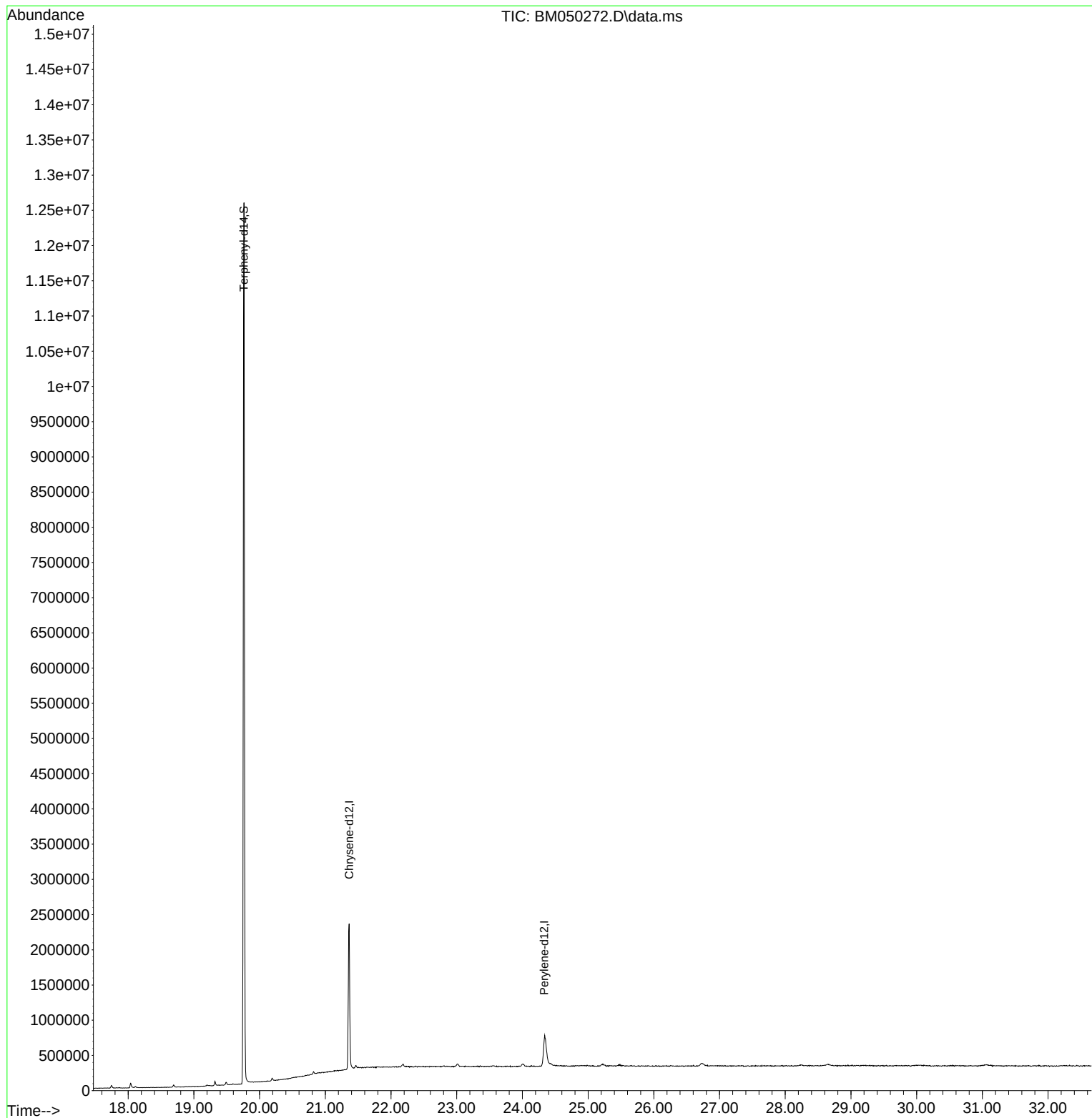
Quant Time: Jun 10 11:56:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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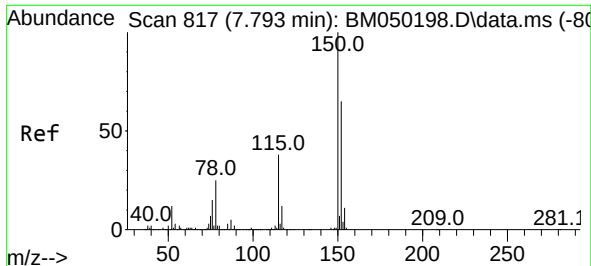


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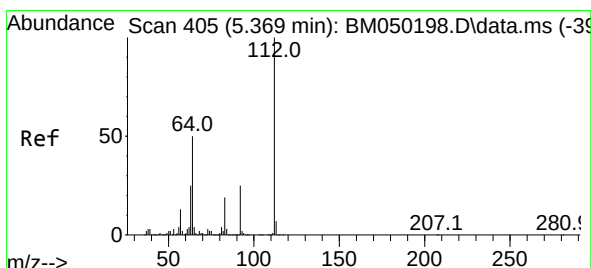
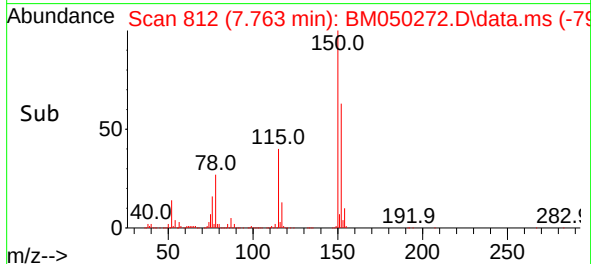
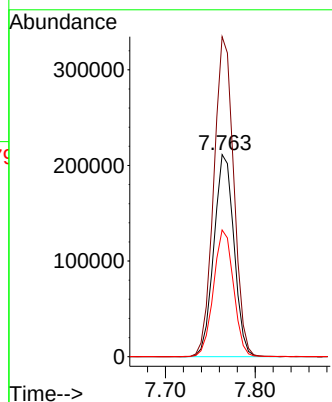
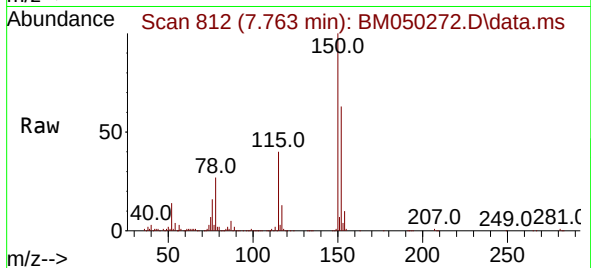




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

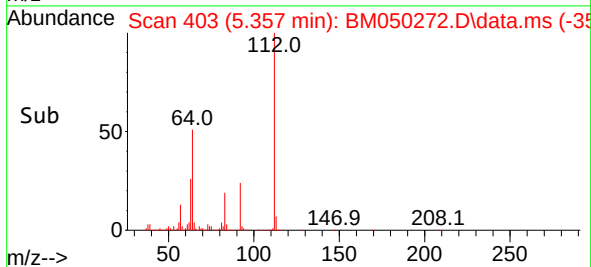
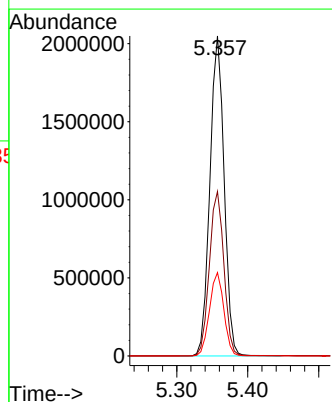
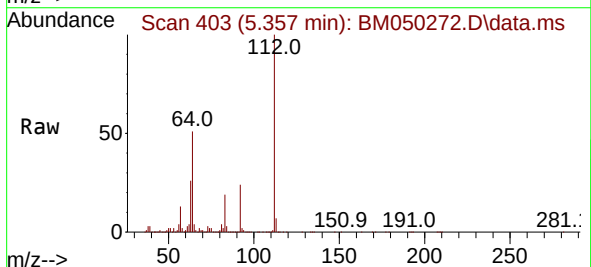
Instrument :
BNA_M
ClientSampleId :
TP-1

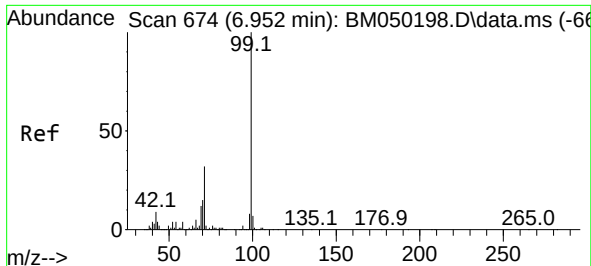
Tgt Ion:152 Resp: 328626
Ion Ratio Lower Upper
152 100
150 158.3 122.2 183.4
115 62.7 46.3 69.5



#5
2-Fluorophenol
Concen: 145.068 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

Tgt Ion:112 Resp: 2857853
Ion Ratio Lower Upper
112 100
64 51.4 39.8 59.6
63 26.0 19.8 29.8



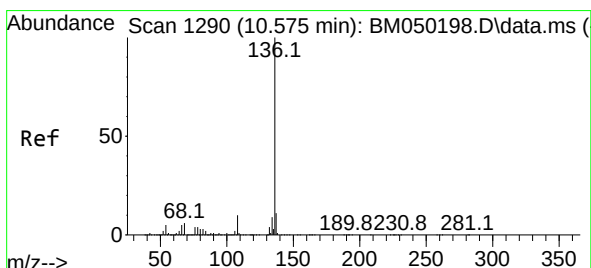
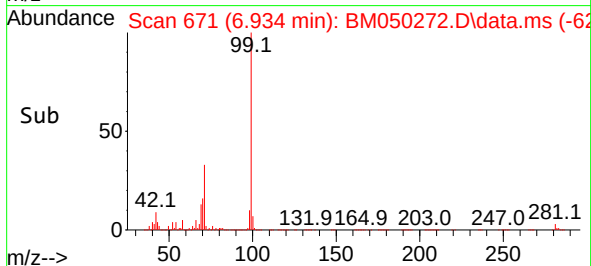
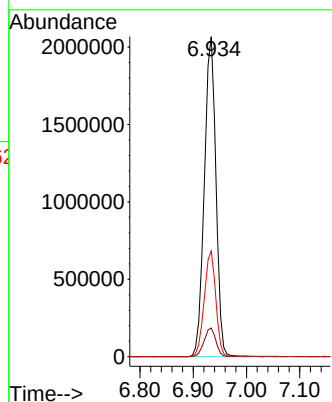
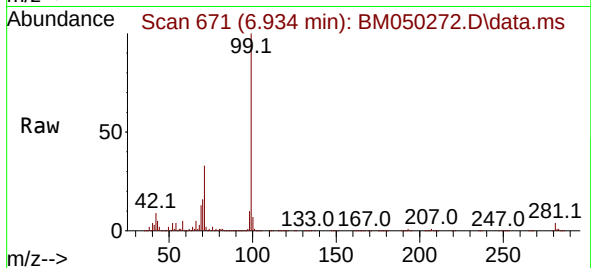


#7
Phenol-d6
Concen: 120.433 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

Instrument :
BNA_M
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 3123222

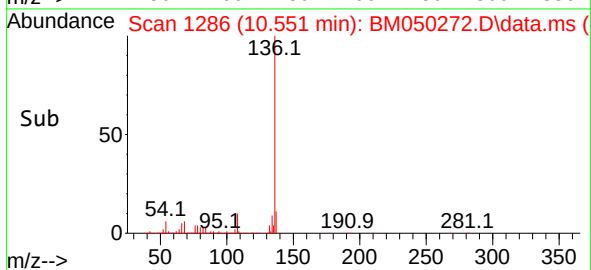
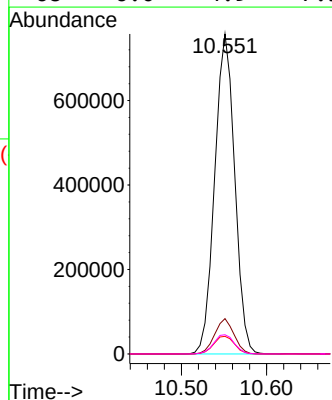
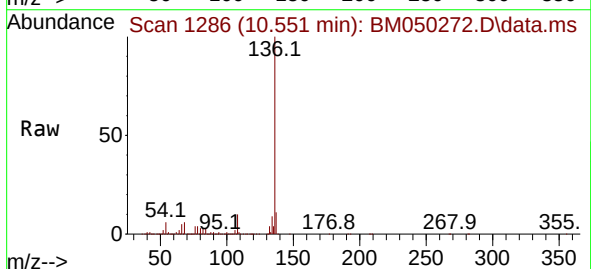
Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	33.1	25.3	37.9

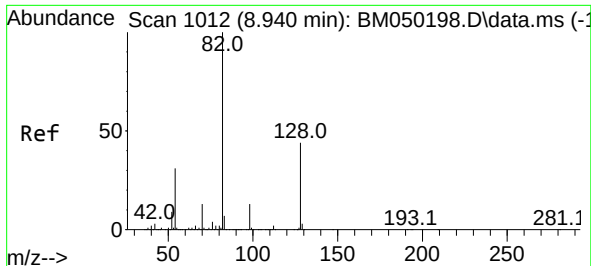


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

Tgt Ion: 136 Resp: 1237861

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.5	3.8	5.8
68	6.0	4.9	7.3



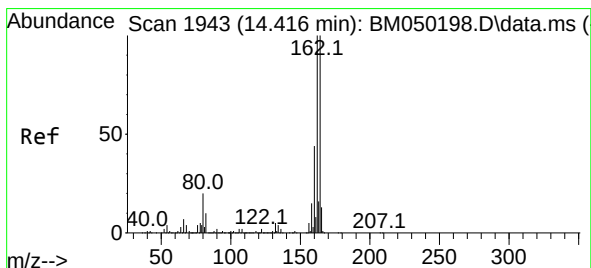
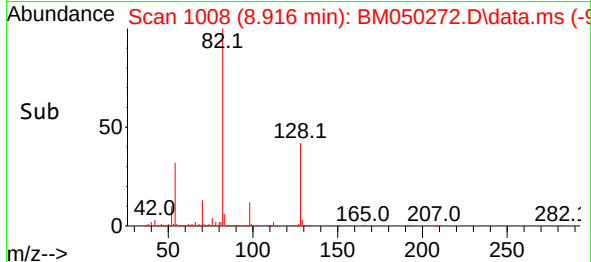
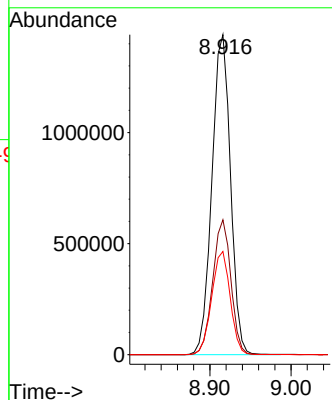
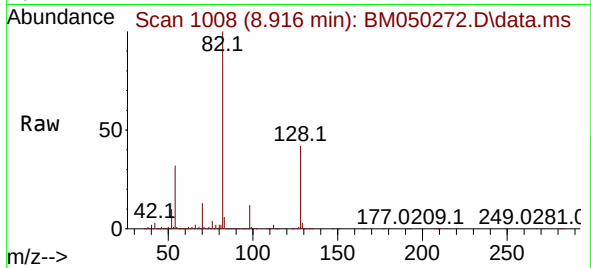


#23
 Nitrobenzene-d5
 Concen: 96.143 ng
 RT: 8.916 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BM050272.D
 Acq: 10 Jun 2025 11:20

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Tgt Ion: 82 Resp: 2288323

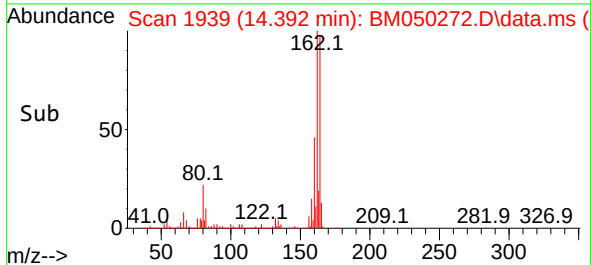
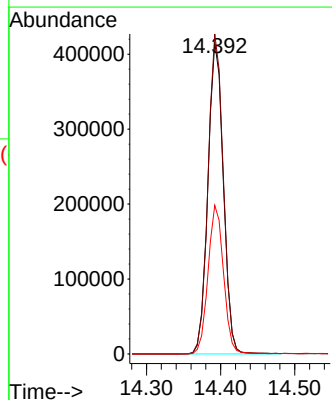
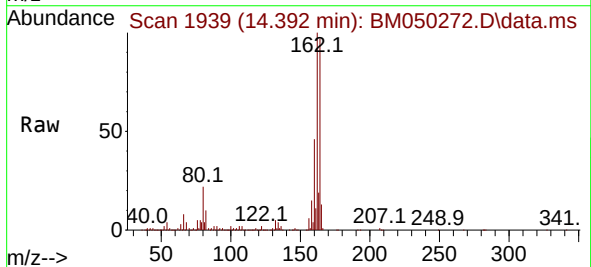
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.2	52.8
54	32.3	24.5	36.7

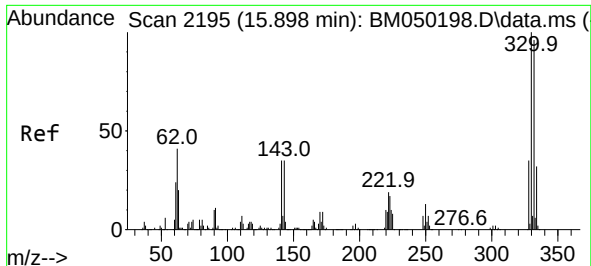


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM050272.D
 Acq: 10 Jun 2025 11:20

Tgt Ion:164 Resp: 601449

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.4
160	47.7	35.7	53.5

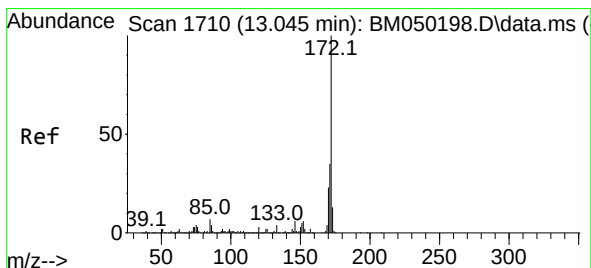
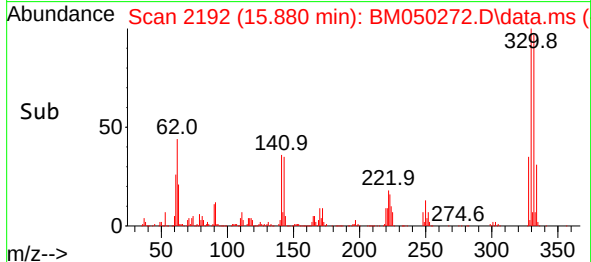
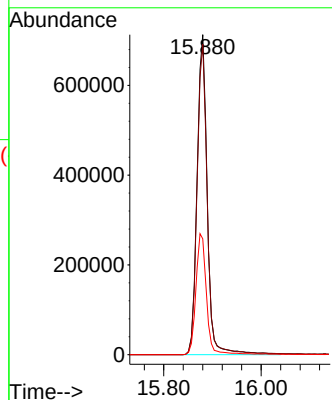
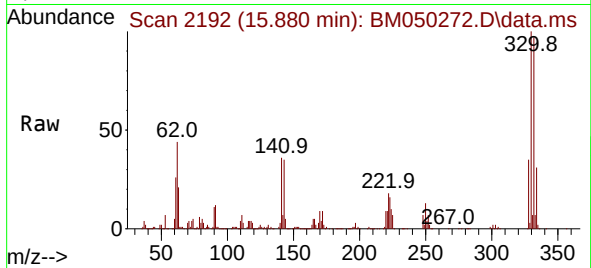




#42
2,4,6-Tribromophenol
Concen: 152.946 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

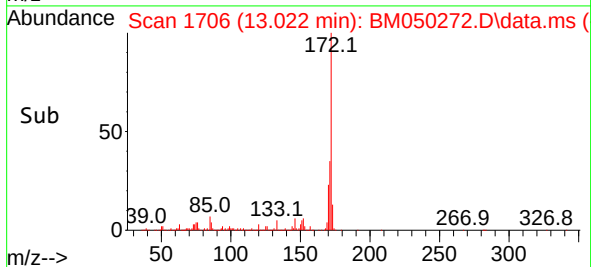
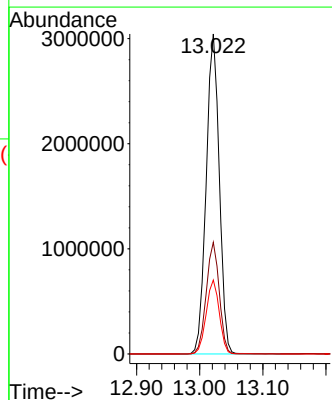
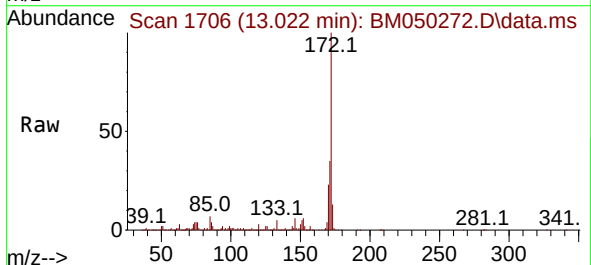
Instrument :
BNA_M
ClientSampleId :
TP-1

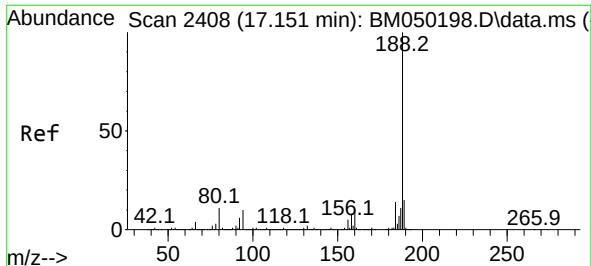
Tgt Ion:330 Resp: 1046315
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 39.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 98.593 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

Tgt Ion:172 Resp: 4380014
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.1 18.6 27.8

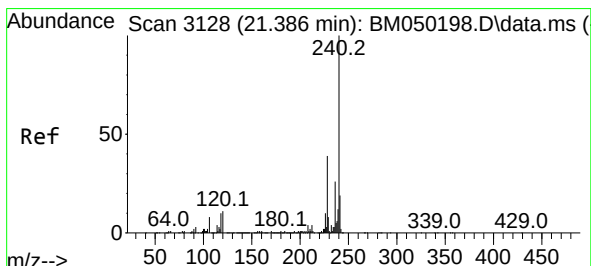
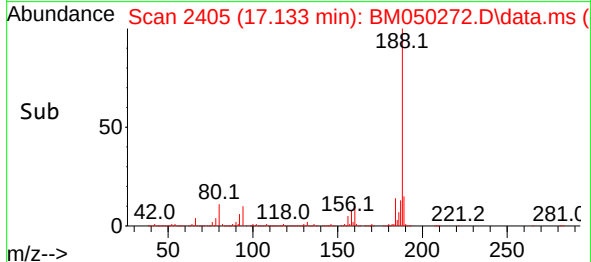
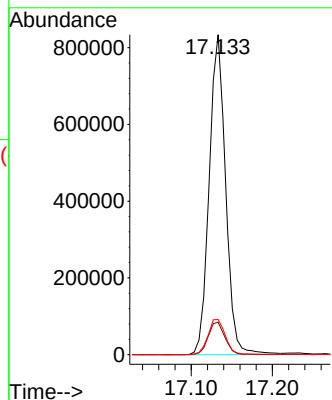
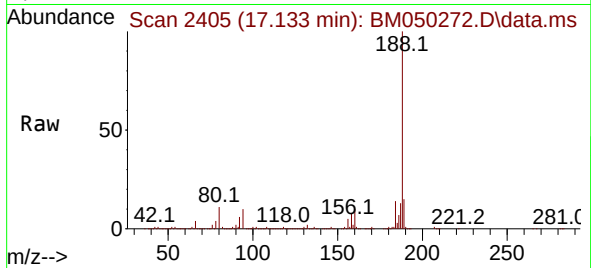




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

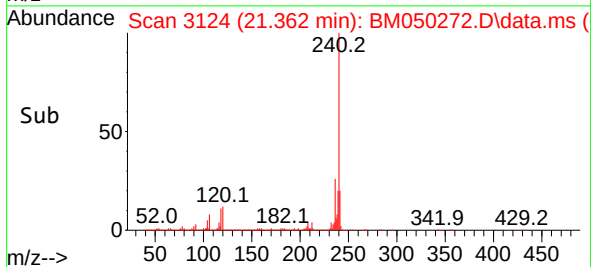
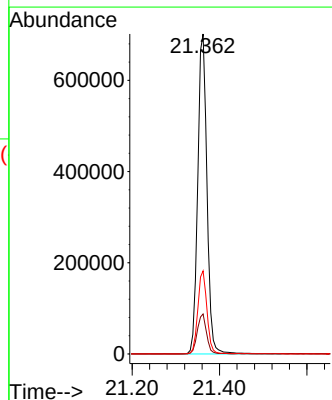
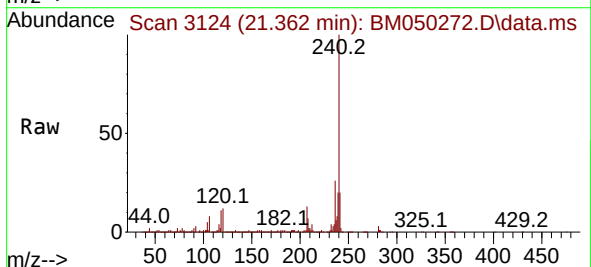
Instrument :
BNA_M
ClientSampleId :
TP-1

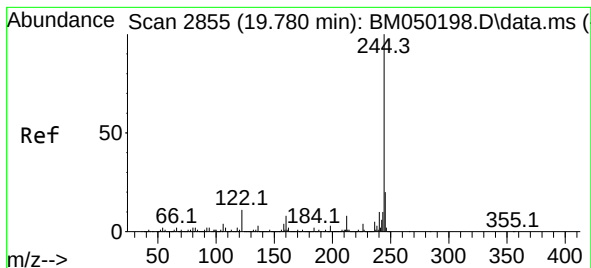
Tgt Ion:188 Resp: 1172270
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050272.D
Acq: 10 Jun 2025 11:20

Tgt Ion:240 Resp: 1033423
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.4
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 103.823 ng

RT: 19.762 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050272.D

Acq: 10 Jun 2025 11:20

Instrument :

BNA_M

ClientSampleId :

TP-1

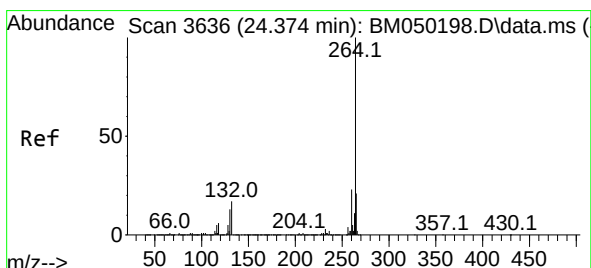
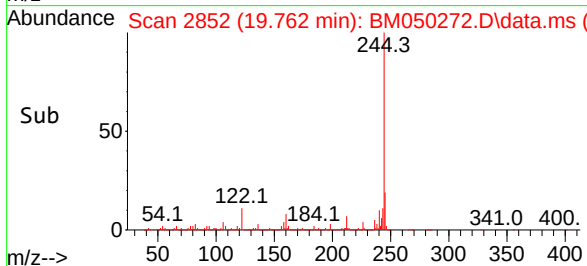
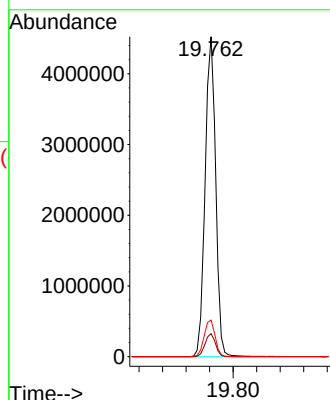
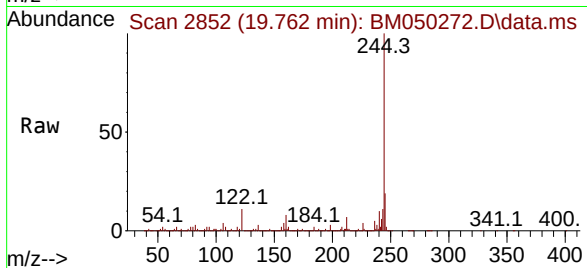
Tgt Ion:244 Resp: 5661847

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.333 min Scan# 3629

Delta R.T. -0.012 min

Lab File: BM050272.D

Acq: 10 Jun 2025 11:20

Tgt Ion:264 Resp: 237701

Ion Ratio Lower Upper

264 100

260 30.8 18.6 28.0#

265 22.9 16.8 25.2

