

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050286.D
 Acq On : 11 Jun 2025 22:40
 Operator : RC/JU
 Sample : Q2272-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Quant Time: Jun 12 02:57:19 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	379971	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1429067	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	753041	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1356380	20.000	ng	0.00
76) Chrysene-d12	21.356	240	1403302	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1484069	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3274198	143.743	ng	0.00
7) Phenol-d6	6.934	99	3702054	123.463	ng	0.00
23) Nitrobenzene-d5	8.916	82	2660425	96.821	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1217755	142.173	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5101659	91.720	ng	0.00
79) Terphenyl-d14	19.762	244	6629982	89.531	ng	0.00

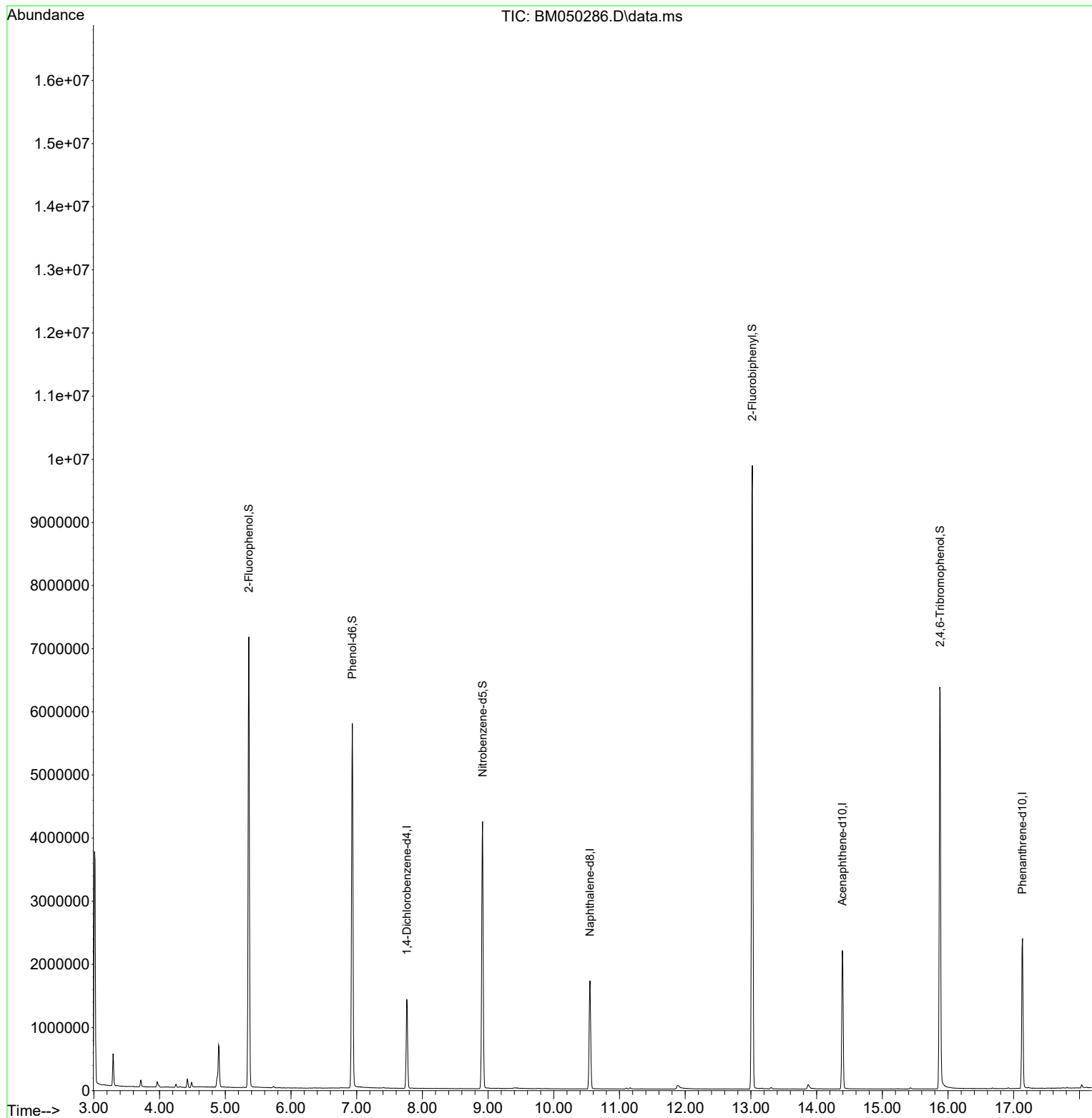
Target Compounds	Qvalue

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

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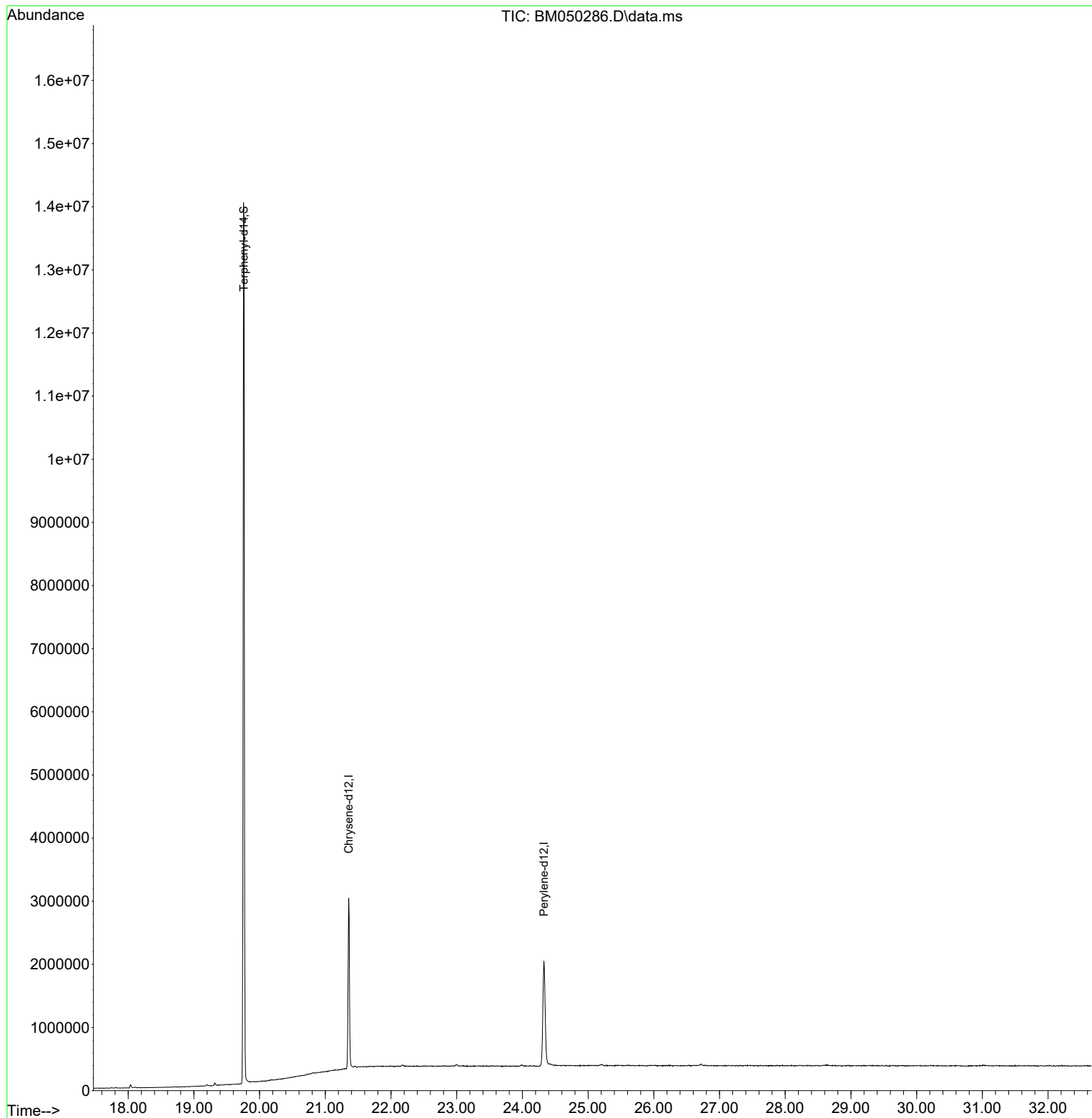
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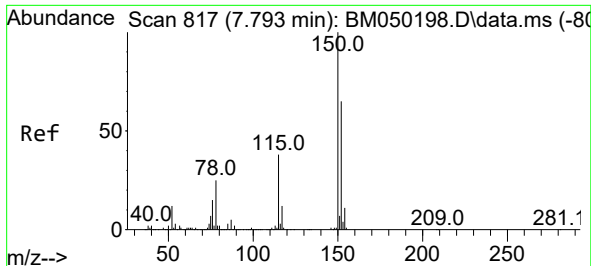


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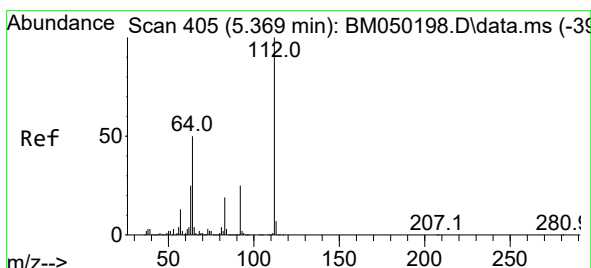
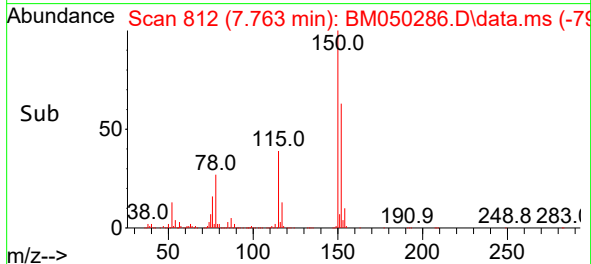
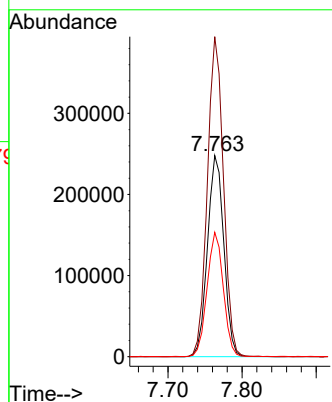
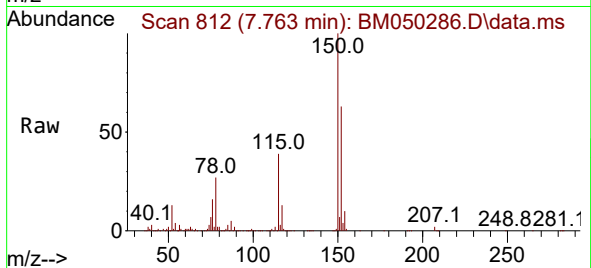




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

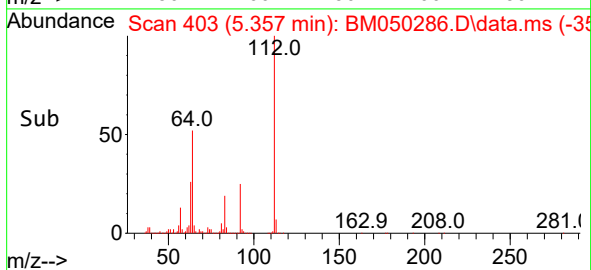
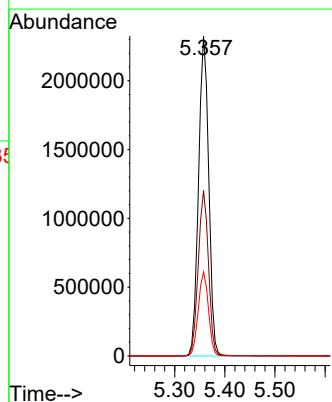
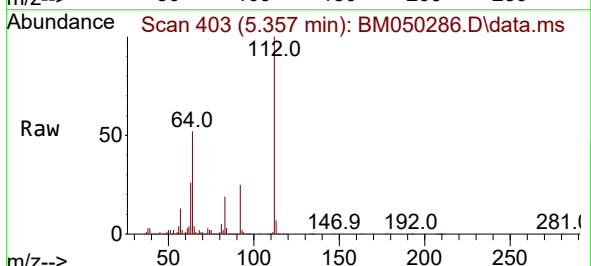
Instrument :
BNA_M
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TP-6

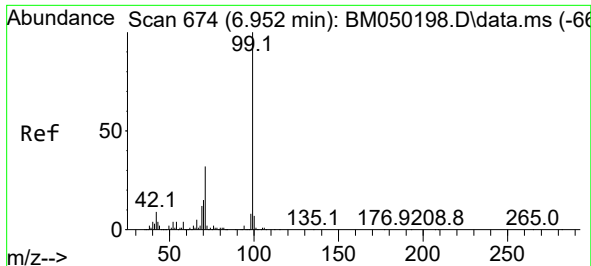
Tgt Ion:152 Resp: 379971
Ion Ratio Lower Upper
152 100
150 159.2 122.2 183.4
115 61.8 46.3 69.5



#5
2-Fluorophenol
Concen: 143.743 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

Tgt Ion:112 Resp: 3274198
Ion Ratio Lower Upper
112 100
64 51.7 39.8 59.6
63 26.3 19.8 29.8

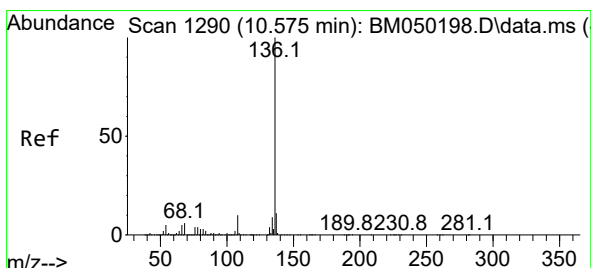
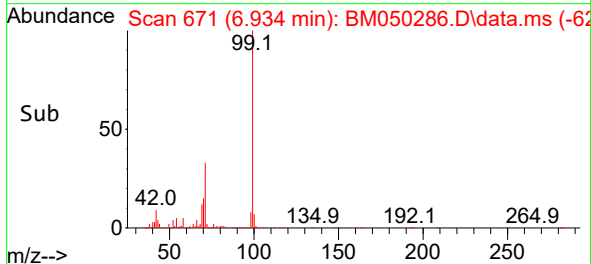
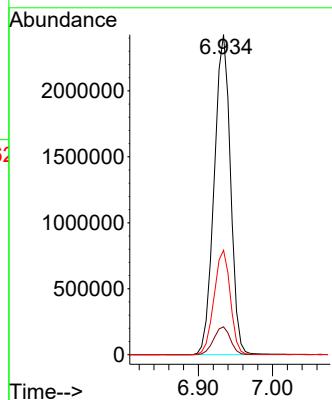
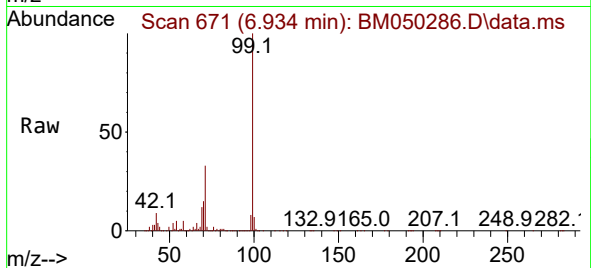




#7
Phenol-d6
Concen: 123.463 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

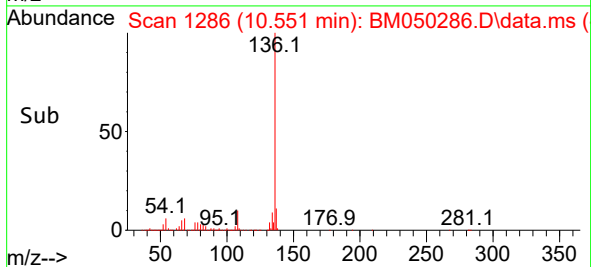
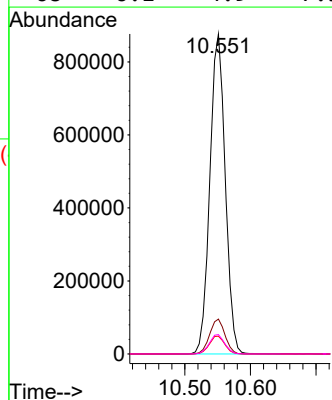
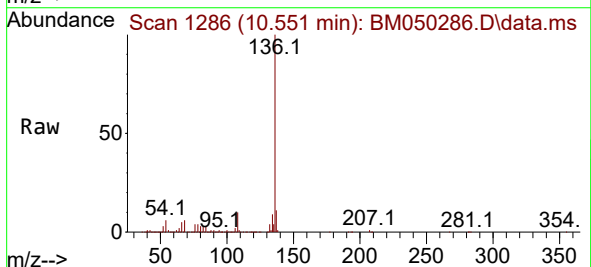
Instrument :
BNA_M
ClientSampleId :
TP-6

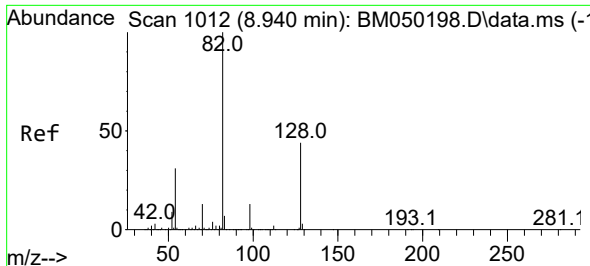
Tgt Ion: 99 Resp: 3702054
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

Tgt Ion: 136 Resp: 1429067
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.6 3.8 5.8
68 6.1 4.9 7.3

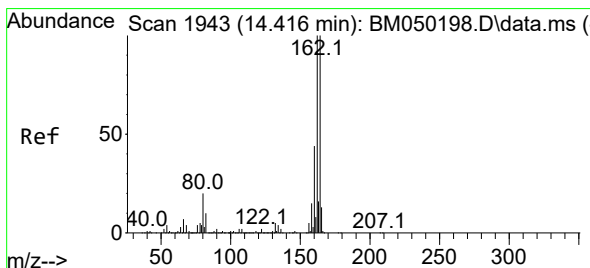
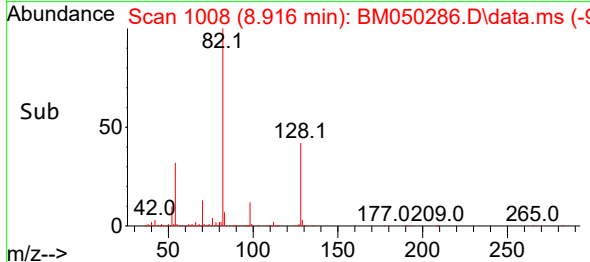
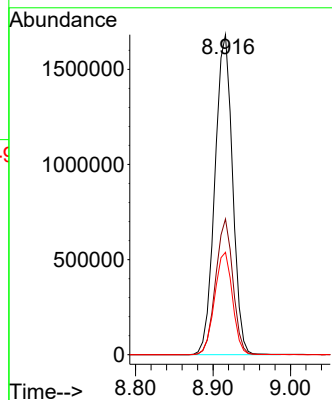
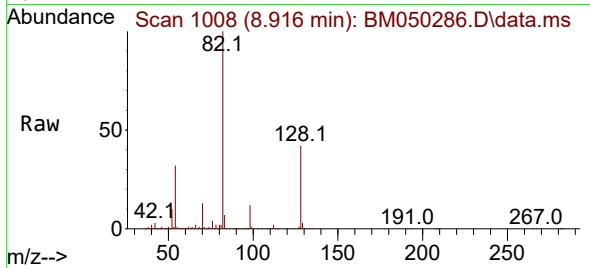




#23
Nitrobenzene-d5
Concen: 96.821 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

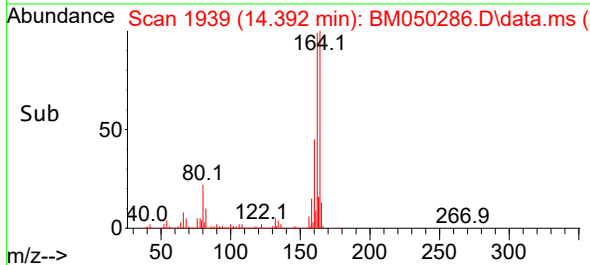
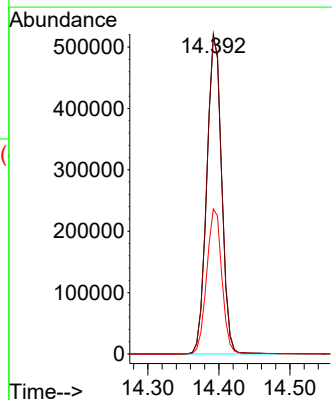
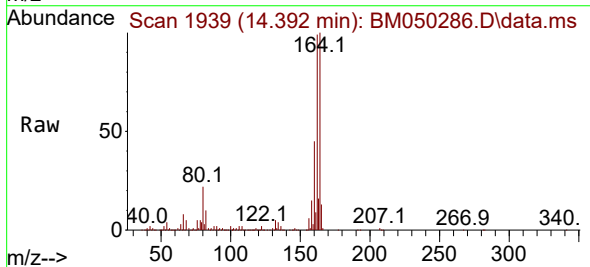
Instrument :
BNA_M
ClientSampleId :
TP-6

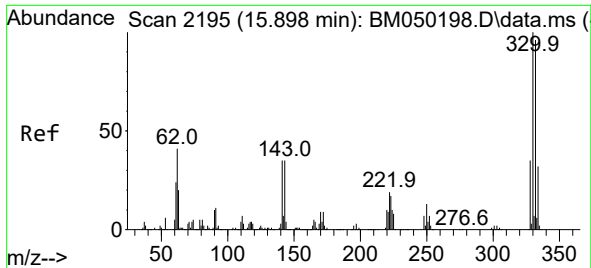
Tgt Ion: 82 Resp: 2660425
Ion Ratio Lower Upper
82 100
128 42.4 35.2 52.8
54 32.0 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

Tgt Ion: 164 Resp: 753041
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.4
160 45.3 35.7 53.5

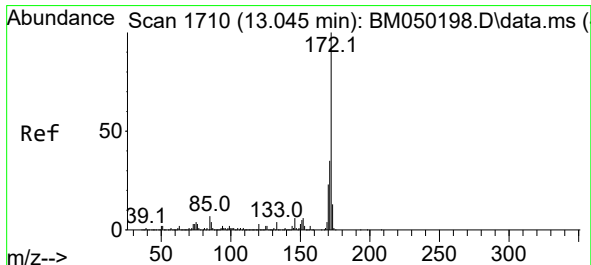
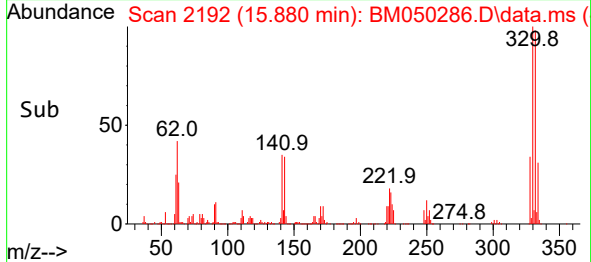
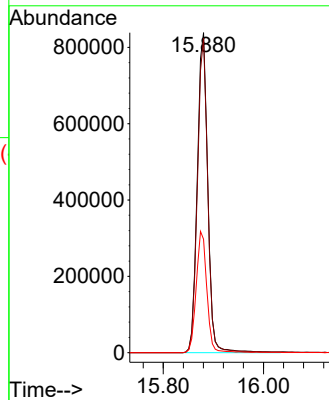
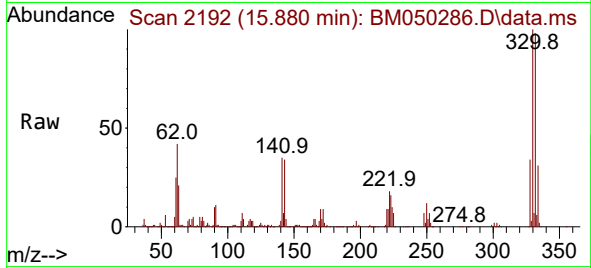




#42
2,4,6-Tribromophenol
Concen: 142.173 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

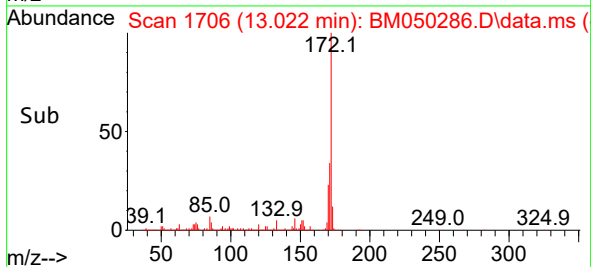
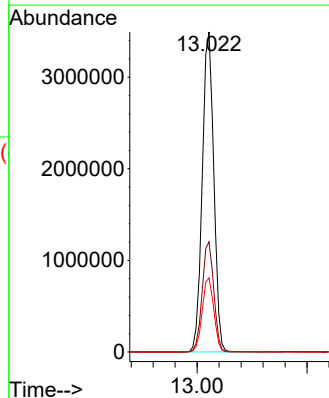
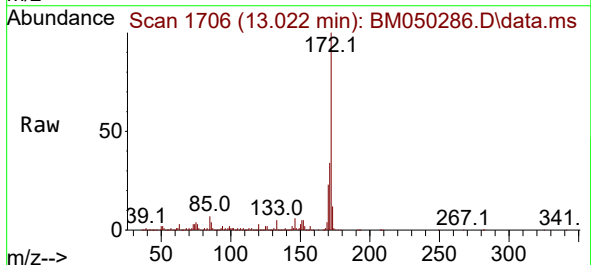
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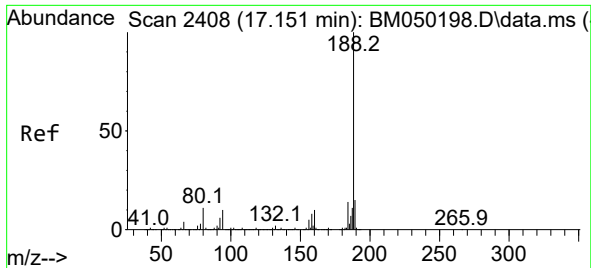
Tgt Ion:330 Resp: 1217755
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 38.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 91.720 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

Tgt Ion:172 Resp: 5101659
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.2 18.6 27.8

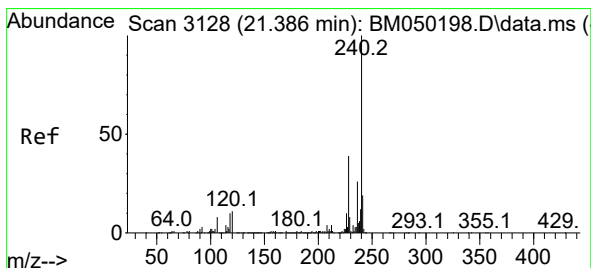
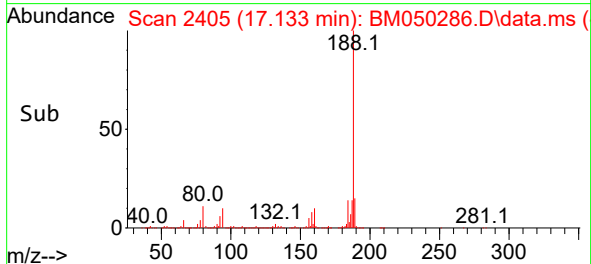
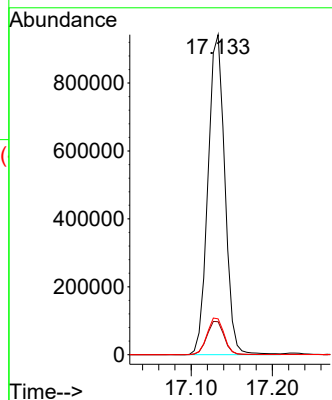
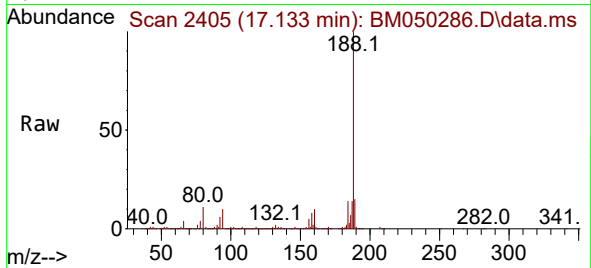




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

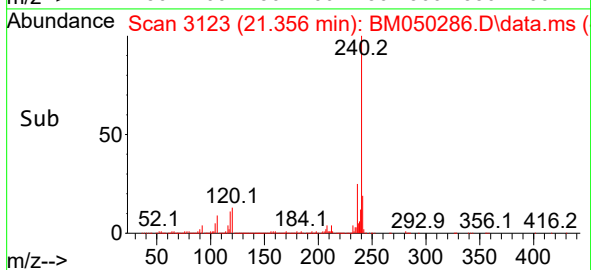
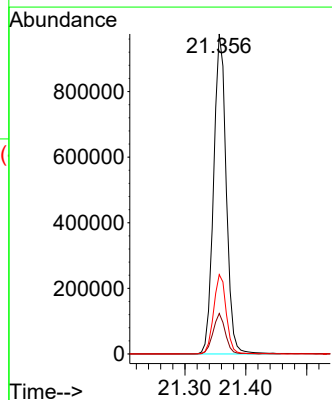
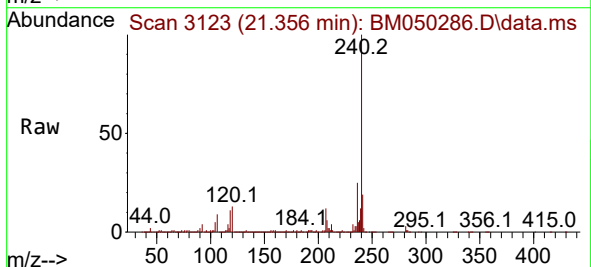
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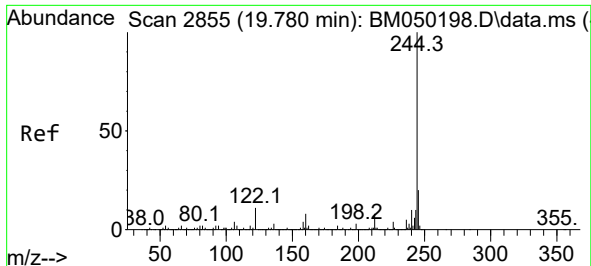
Tgt Ion:188 Resp: 1356380
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM050286.D
Acq: 11 Jun 2025 22:40

Tgt Ion:240 Resp: 1403302
Ion Ratio Lower Upper
240 100
120 12.7 9.0 13.4
236 24.8 20.7 31.1

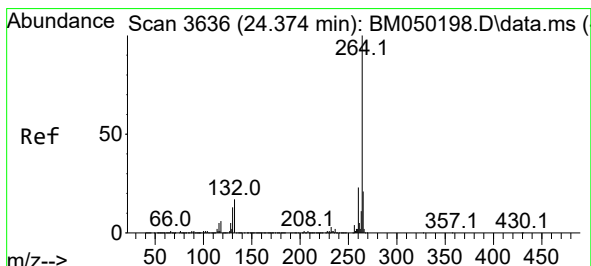
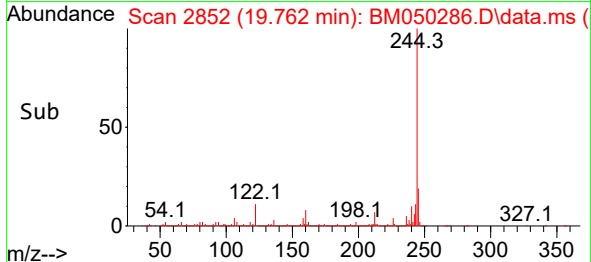
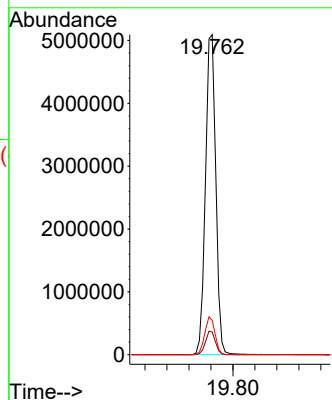
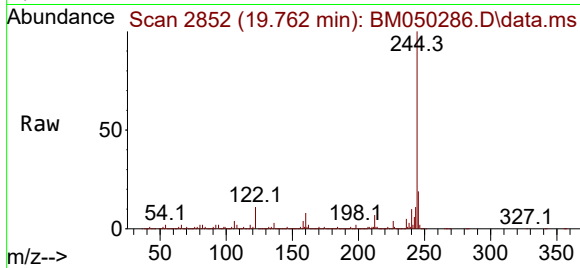




#79
 Terphenyl-d14
 Concen: 89.531 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050286.D
 Acq: 11 Jun 2025 22:40

Instrument :
 BNA_M
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 6629982
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.7 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: BM050286.D
 Acq: 11 Jun 2025 22:40

Tgt Ion:264 Resp: 1484069
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 22.2 16.8 25.2

