

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050287.D
 Acq On : 11 Jun 2025 23:19
 Operator : RC/JU
 Sample : Q2273-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-4

Quant Time: Jun 12 02:57:32 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	357822	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1337558	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	707121	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1297188	20.000	ng	0.00
76) Chrysene-d12	21.356	240	1390308	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1465799	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3093844	144.233	ng	0.00
7) Phenol-d6	6.934	99	3445166	122.007	ng	0.00
23) Nitrobenzene-d5	8.916	82	2518337	97.920	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1137359	141.410	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4843023	92.724	ng	0.00
79) Terphenyl-d14	19.756	244	6110644	83.290	ng	-0.01

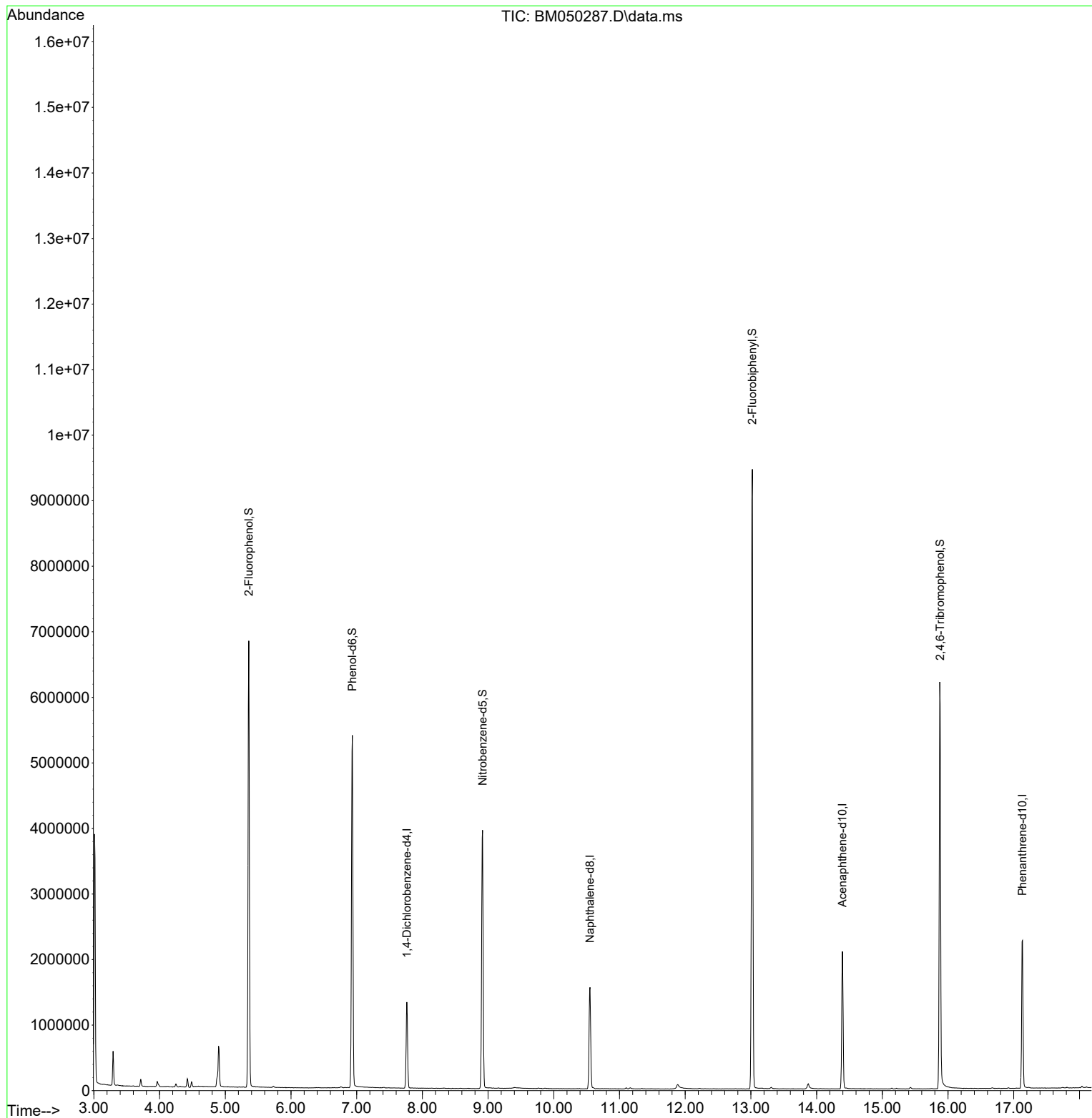
Target Compounds	Qvalue

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

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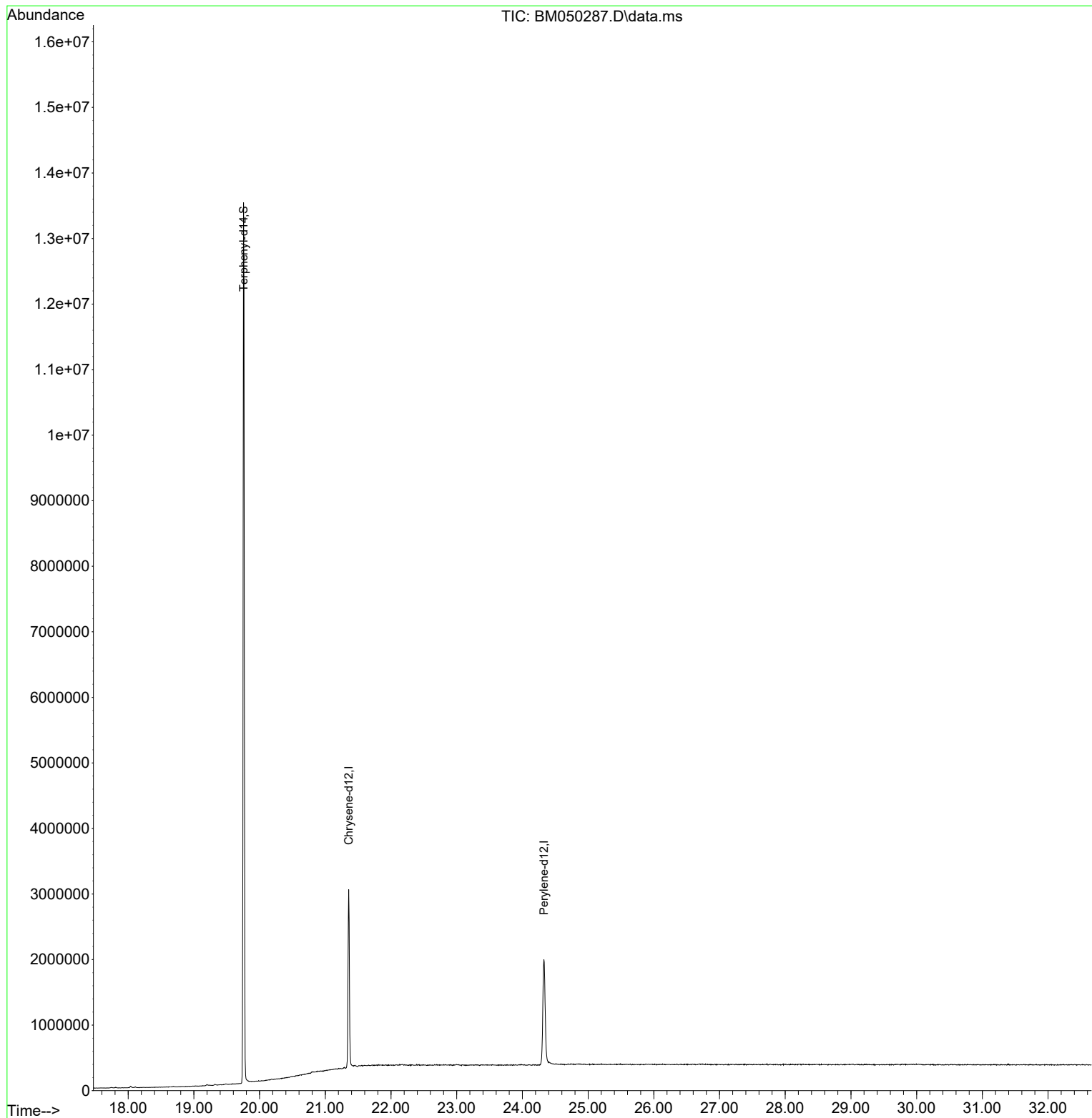
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QLast Update : Mon Jun 09 11:54:38 2025
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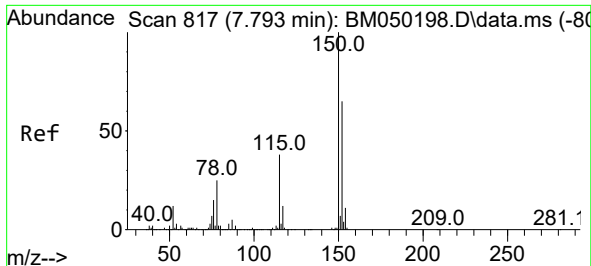


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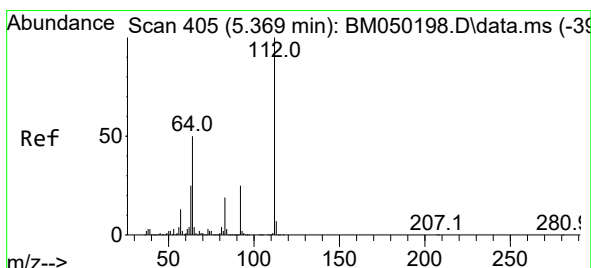
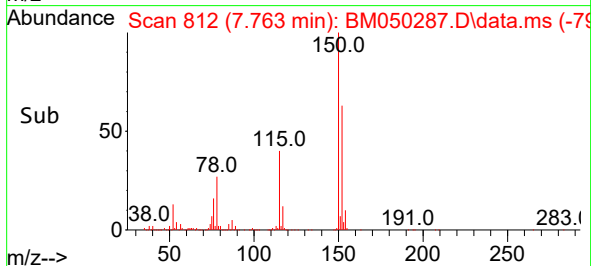
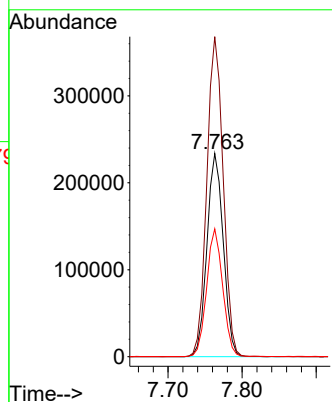
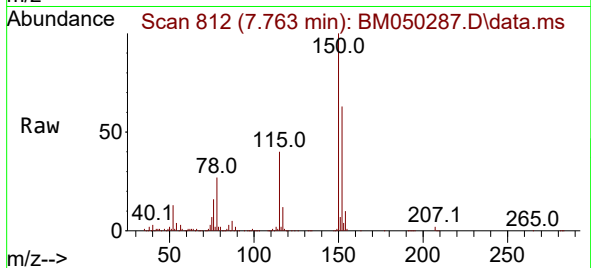




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

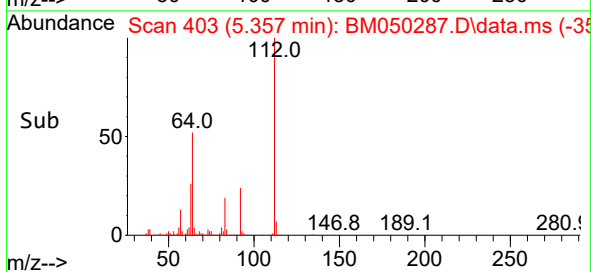
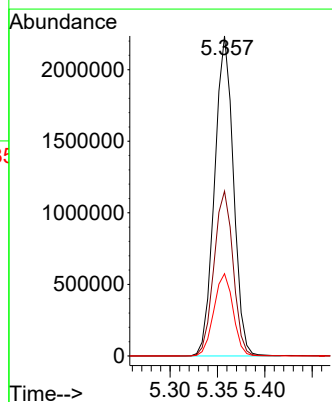
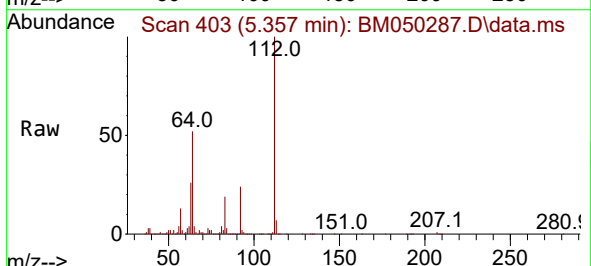
Instrument :
BNA_M
ClientSampleId :
WC-4

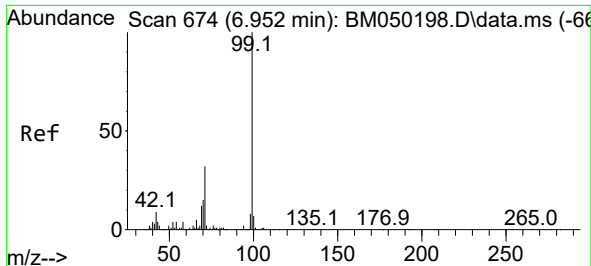
Tgt Ion:152 Resp: 357822
Ion Ratio Lower Upper
152 100
150 157.5 122.2 183.4
115 62.9 46.3 69.5



#5
2-Fluorophenol
Concen: 144.233 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

Tgt Ion:112 Resp: 3093844
Ion Ratio Lower Upper
112 100
64 51.5 39.8 59.6
63 25.7 19.8 29.8

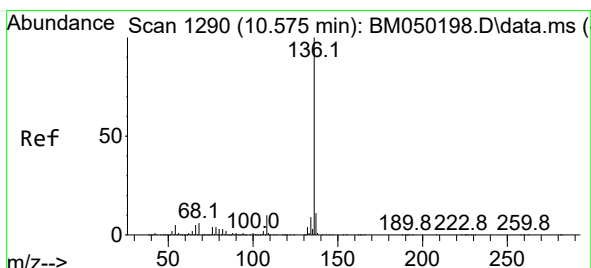
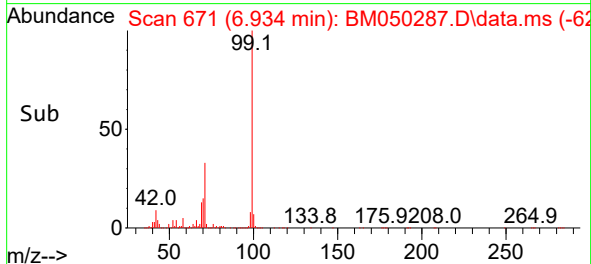
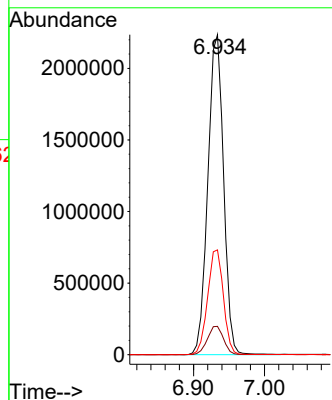
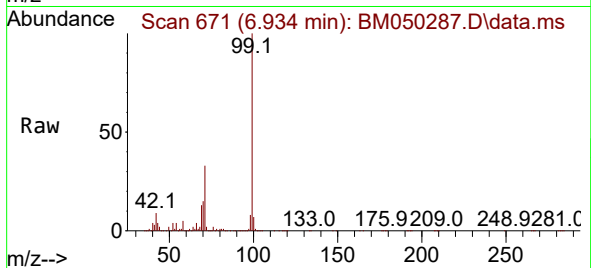




#7
Phenol-d6
Concen: 122.007 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

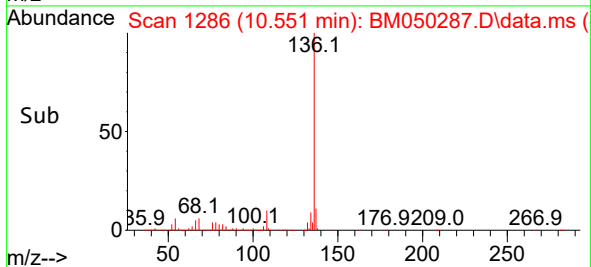
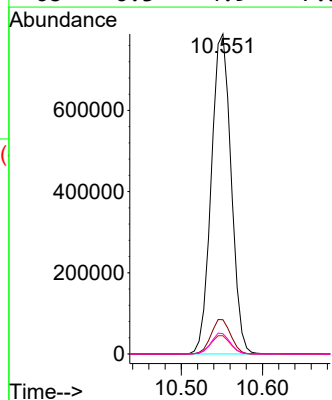
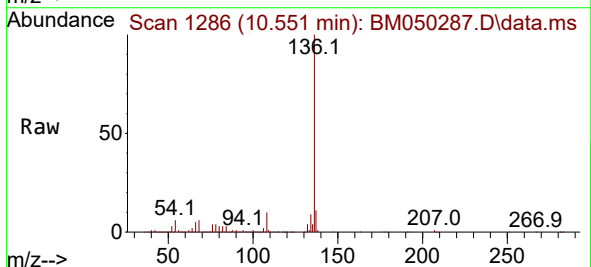
Instrument :
BNA_M
ClientSampleId :
WC-4

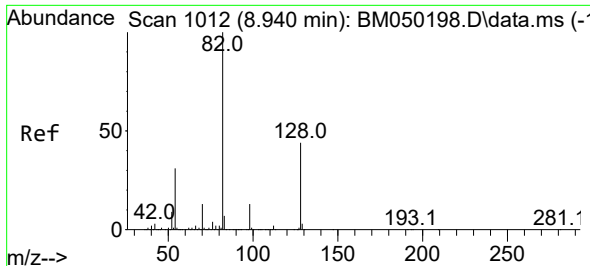
Tgt Ion: 99 Resp: 3445166
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

Tgt Ion: 136 Resp: 1337558
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.7 3.8 5.8
68 6.3 4.9 7.3

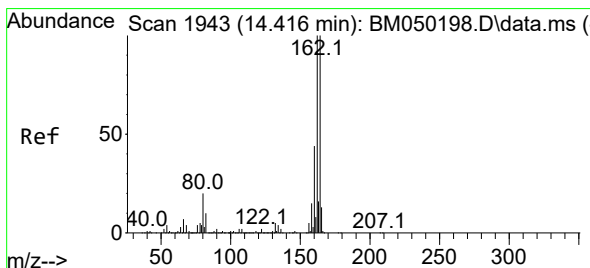
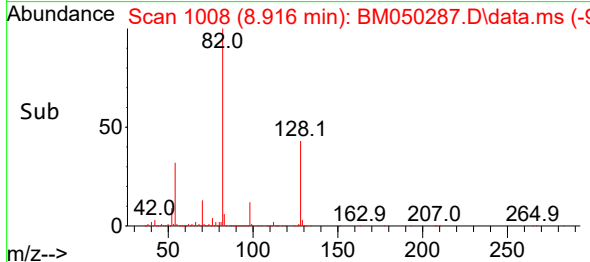
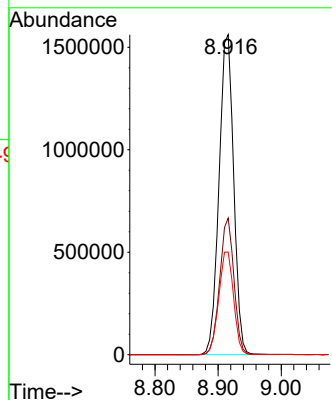
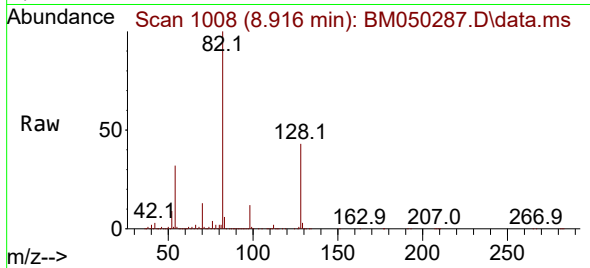




#23
Nitrobenzene-d5
Concen: 97.920 ng
RT: 8.916 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

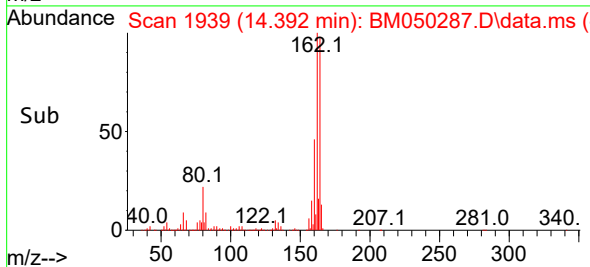
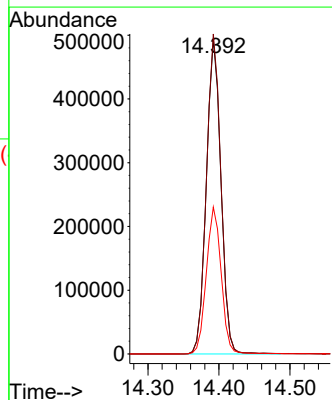
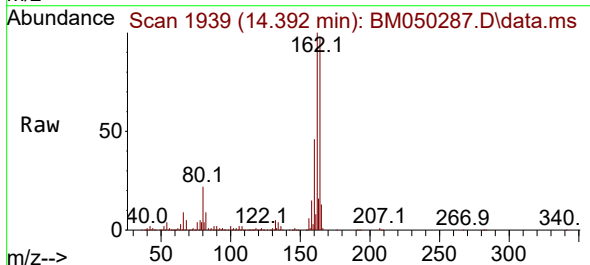
Instrument :
BNA_M
ClientSampleId :
WC-4

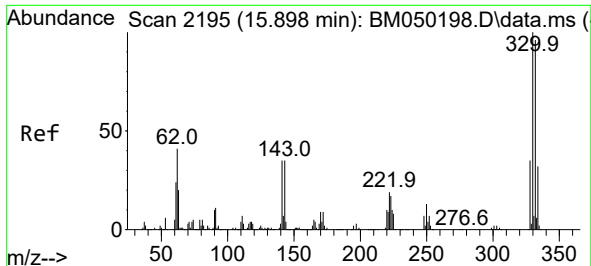
Tgt Ion: 82 Resp: 2518337
Ion Ratio Lower Upper
82 100
128 42.7 35.2 52.8
54 32.1 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

Tgt Ion: 164 Resp: 707121
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.4
160 46.7 35.7 53.5

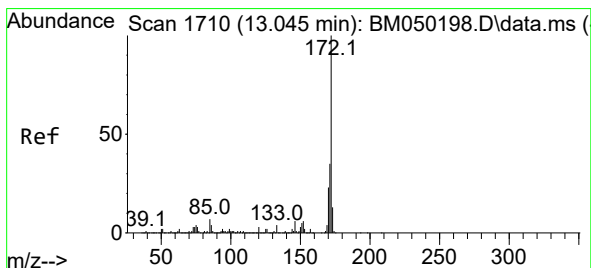
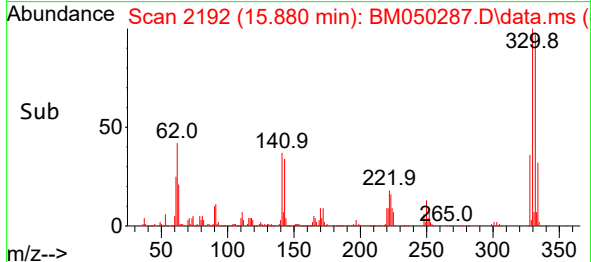
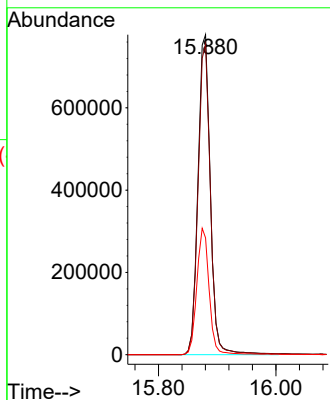
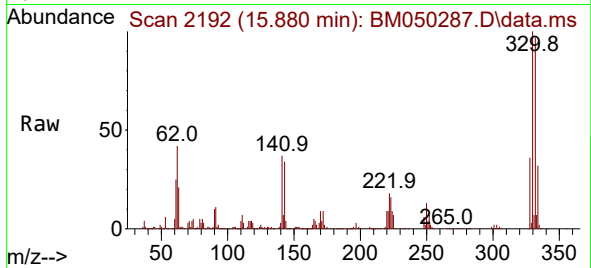




#42
2,4,6-Tribromophenol
Concen: 141.410 ng
RT: 15.880 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

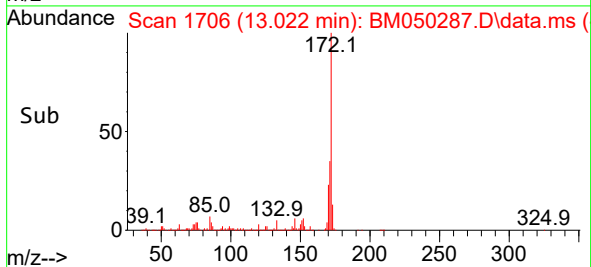
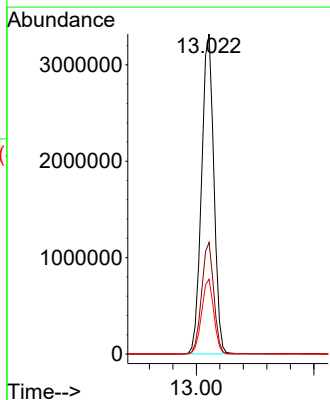
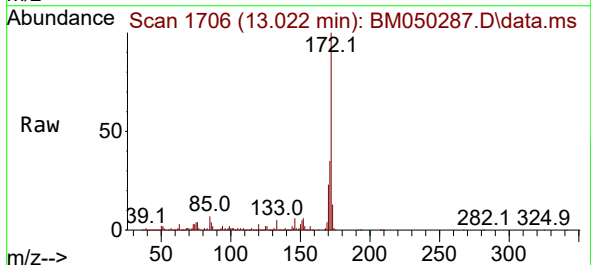
Instrument :
BNA_M
ClientSampleId :
WC-4

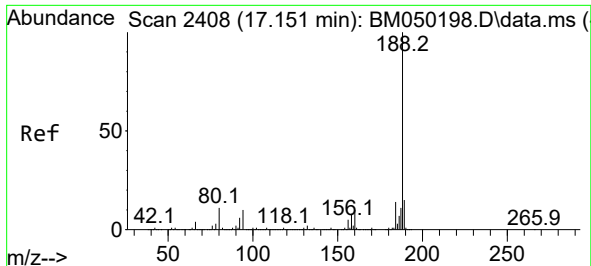
Tgt Ion:330 Resp: 1137359
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 39.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 92.724 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

Tgt Ion:172 Resp: 4843023
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.6 27.8

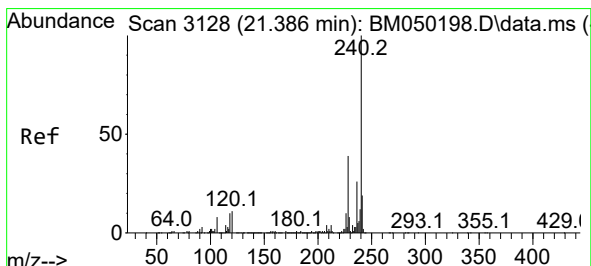
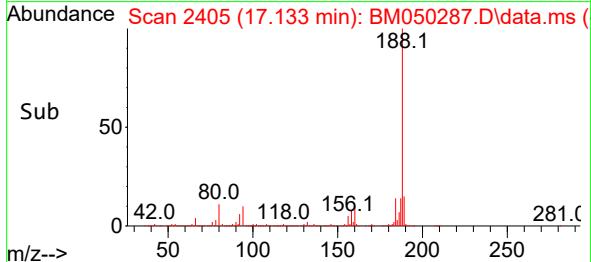
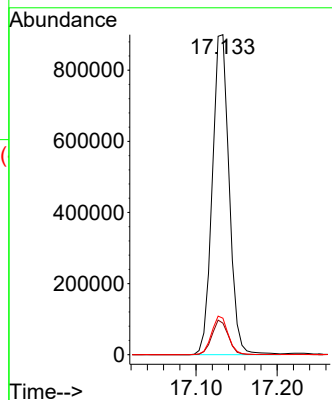
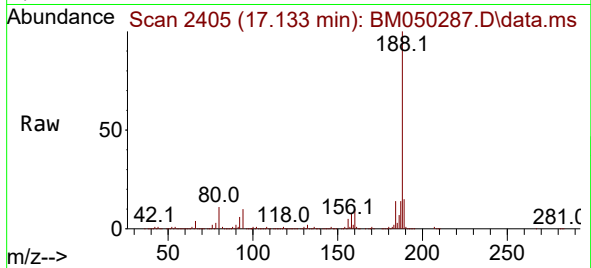




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

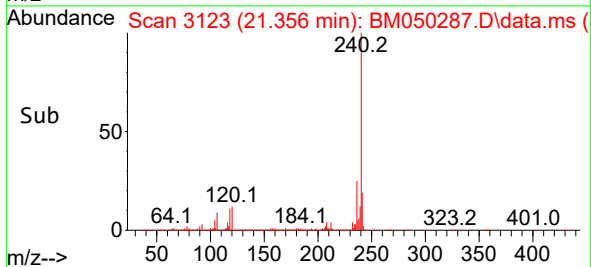
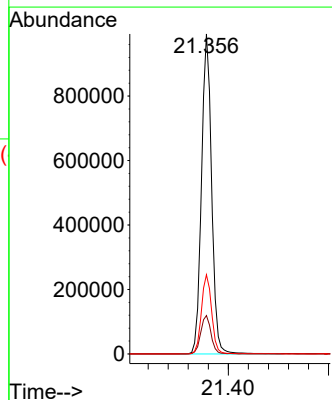
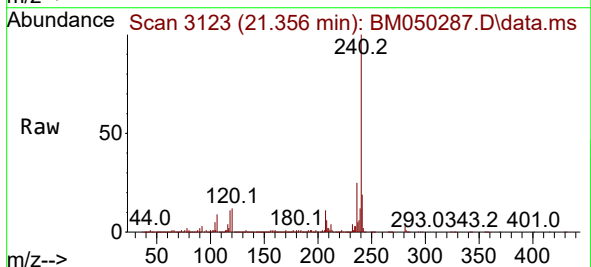
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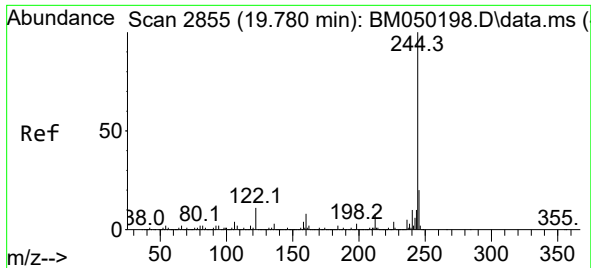
Tgt Ion:188 Resp: 1297188
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 11.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM050287.D
Acq: 11 Jun 2025 23:19

Tgt Ion:240 Resp: 1390308
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 24.8 20.7 31.1

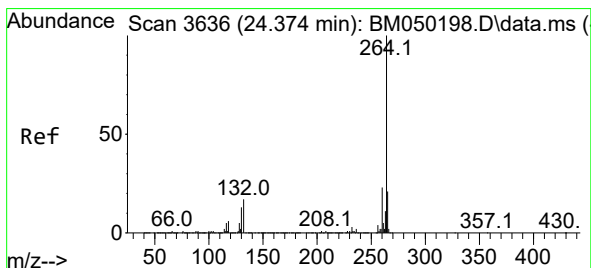
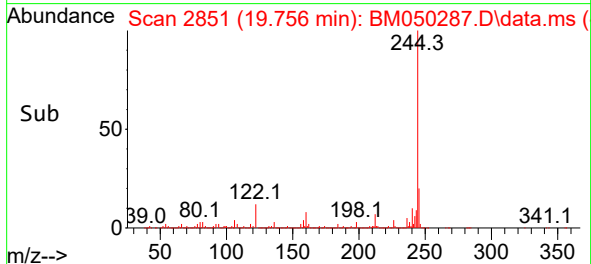
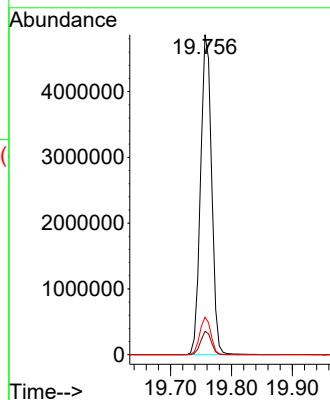
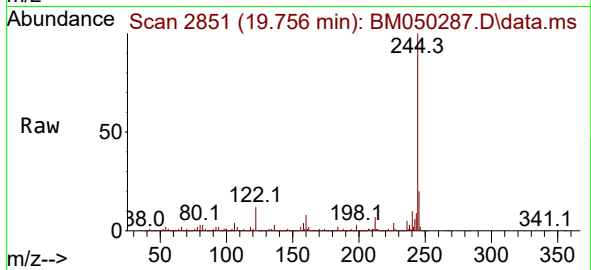




#79
 Terphenyl-d14
 Concen: 83.290 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050287.D
 Acq: 11 Jun 2025 23:19

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 6110644
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.7 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: BM050287.D
 Acq: 11 Jun 2025 23:19

Tgt Ion:264 Resp: 1465799
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 22.0 16.8 25.2

