

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050292.D
 Acq On : 12 Jun 2025 02:34
 Operator : RC/JU
 Sample : Q2285-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HAM-CONCRETE

Quant Time: Jun 12 04:10:01 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	322627	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1199393	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	643075	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1208880	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1281631	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1350435	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2888930	149.372	ng	0.00
7) Phenol-d6	6.928	99	3326917	130.673	ng	0.00
23) Nitrobenzene-d5	8.910	82	2274778	98.639	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1090258	149.054	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4461955	93.936	ng	0.00
79) Terphenyl-d14	19.756	244	6320110	93.449	ng	-0.01

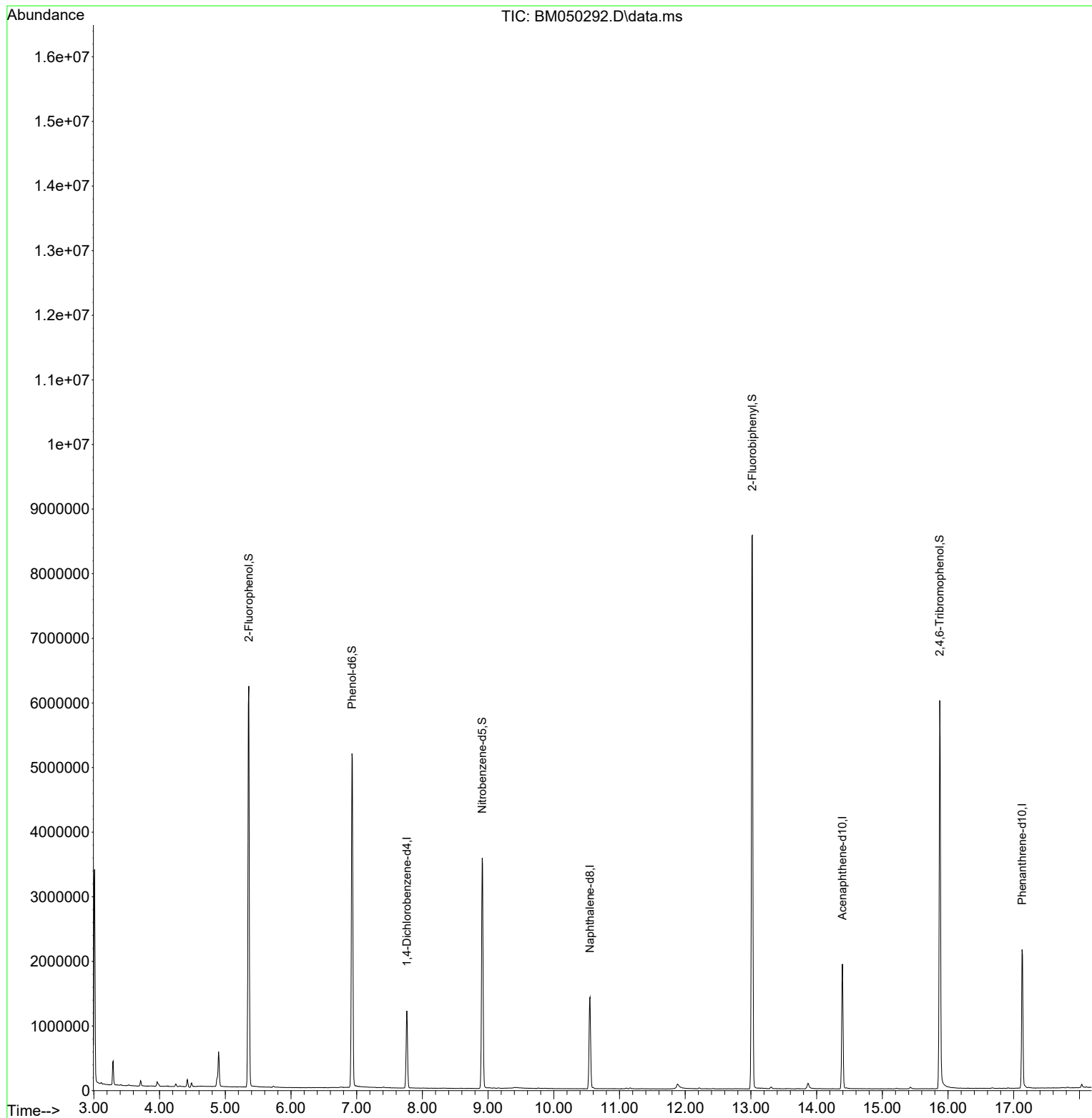
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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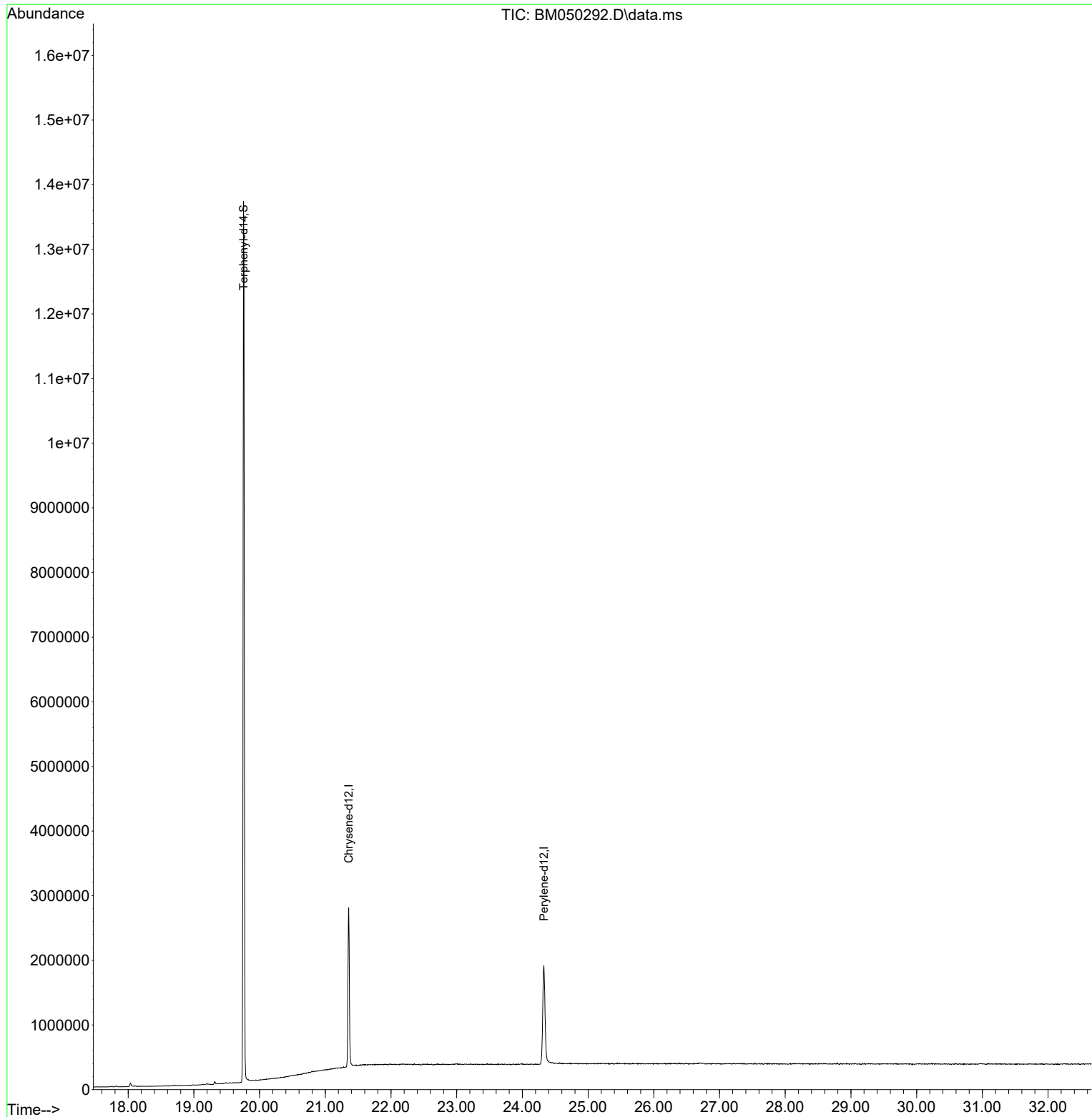
Quant Time: Jun 12 04:10:01 2025
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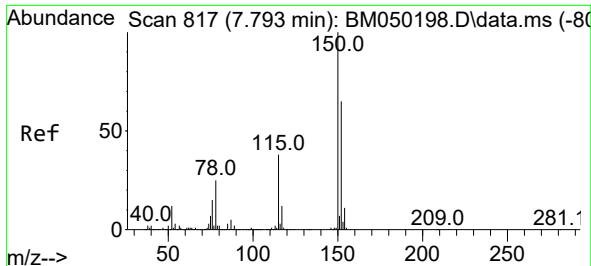


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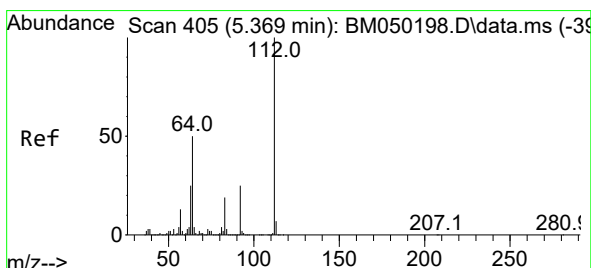
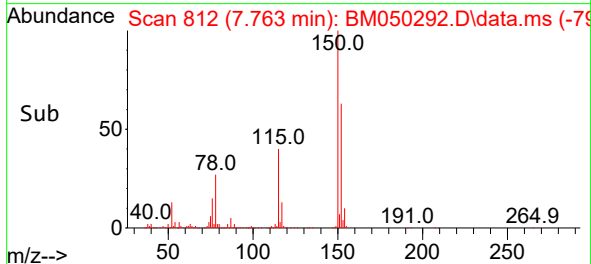
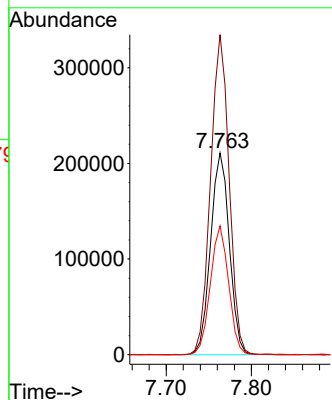
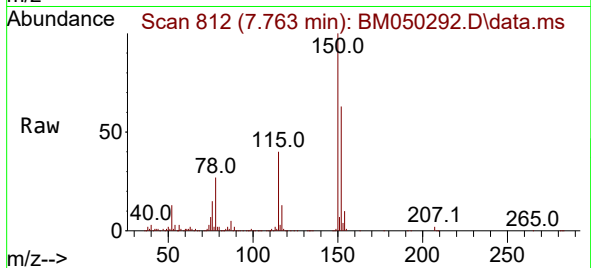




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

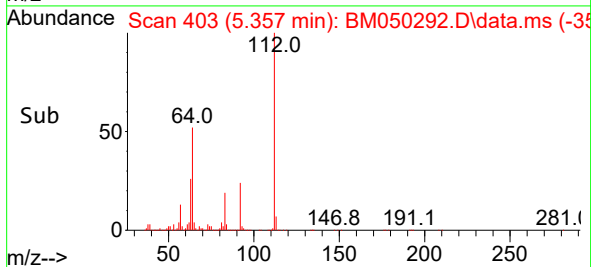
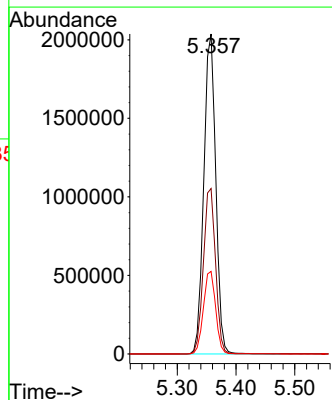
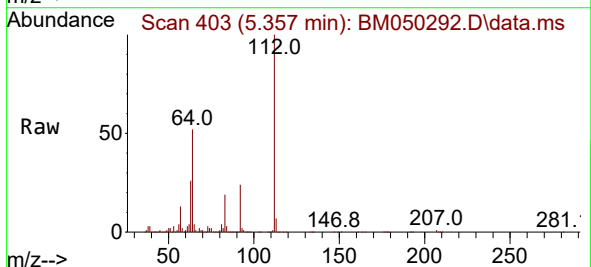
Instrument :
BNA_M
ClientSampleId :
HAM-CONCRETE

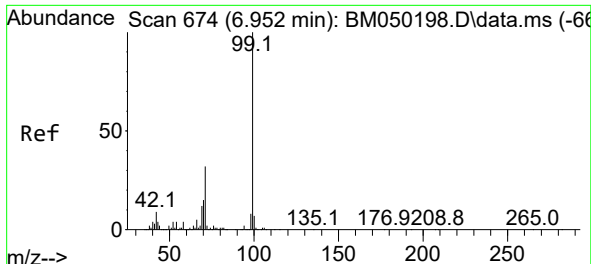
Tgt Ion:152 Resp: 322627
Ion Ratio Lower Upper
152 100
150 158.6 122.2 183.4
115 63.9 46.3 69.5



#5
2-Fluorophenol
Concen: 149.372 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

Tgt Ion:112 Resp: 2888930
Ion Ratio Lower Upper
112 100
64 51.7 39.8 59.6
63 25.8 19.8 29.8

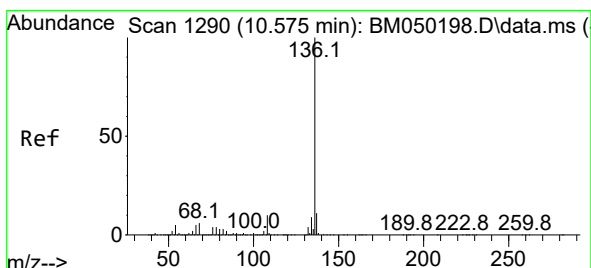
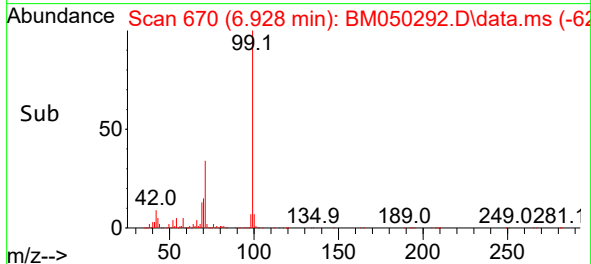
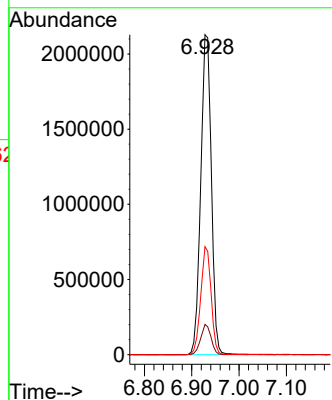
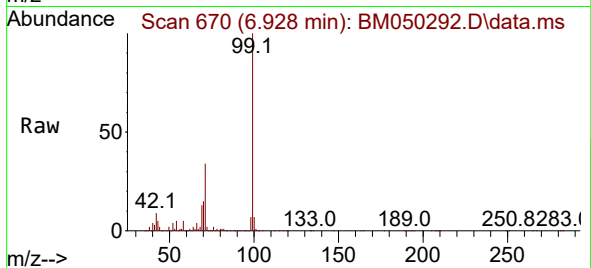




#7
Phenol-d6
Concen: 130.673 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

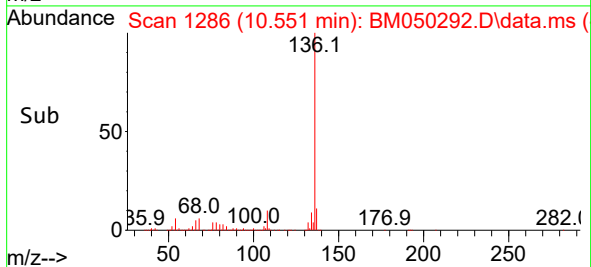
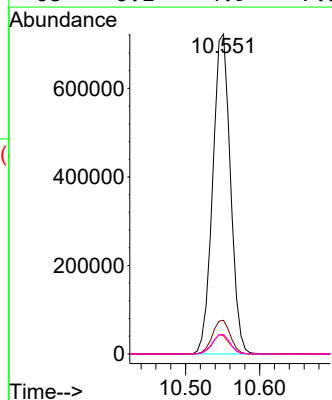
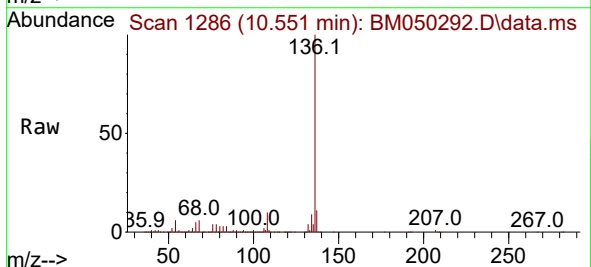
Instrument :
BNA_M
ClientSampleId :
HAM-CONCRETE

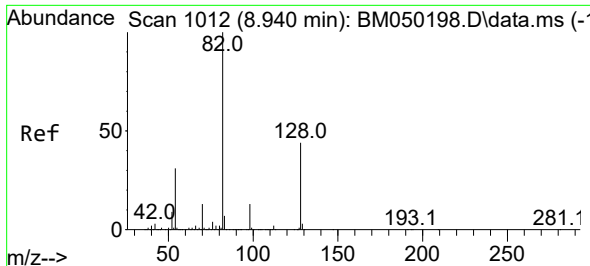
Tgt Ion: 99 Resp: 3326917
Ion Ratio Lower Upper
99 100
42 9.5 6.9 10.3
71 33.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

Tgt Ion: 136 Resp: 1199393
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 5.7 3.8 5.8
68 6.1 4.9 7.3

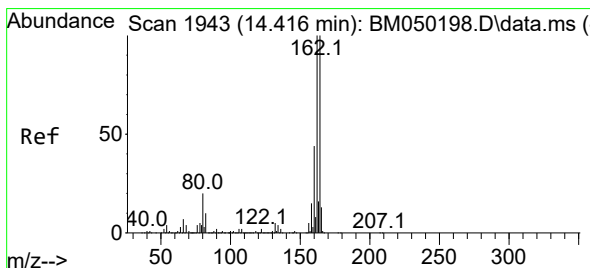
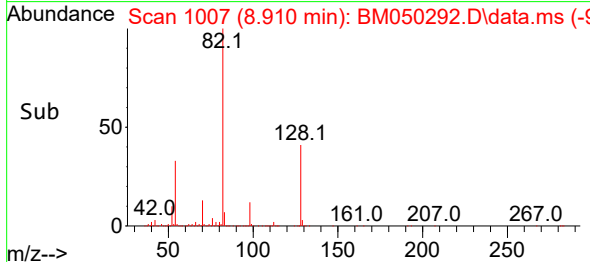
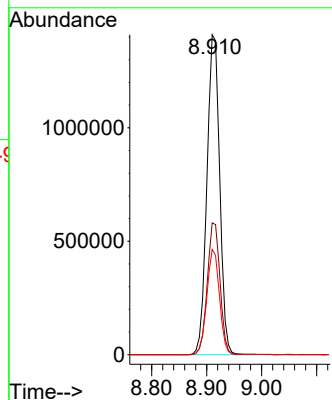
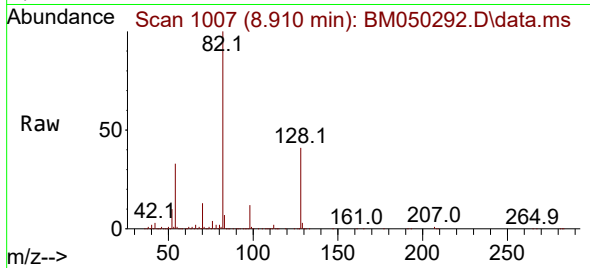




#23
 Nitrobenzene-d5
 Concen: 98.639 ng
 RT: 8.910 min Scan# 1012
 Delta R.T. -0.006 min
 Lab File: BM050292.D
 Acq: 12 Jun 2025 02:34

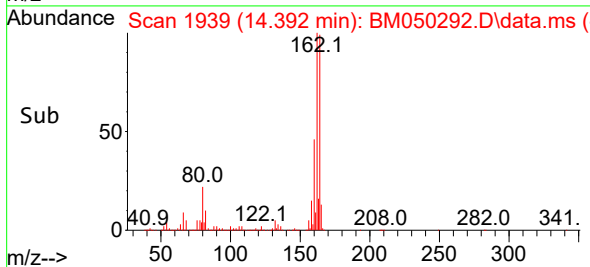
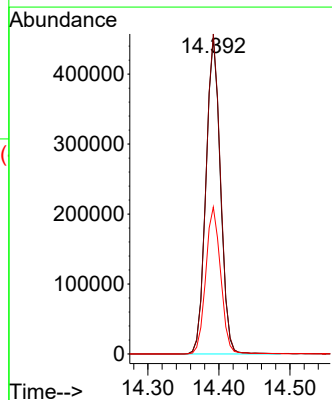
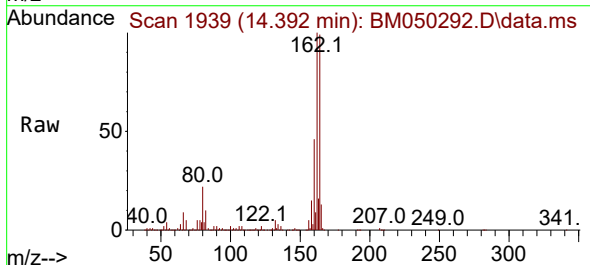
Instrument :
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 HAM-CONCRETE

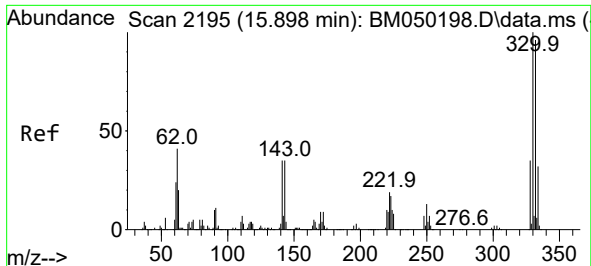
Tgt Ion: 82 Resp: 2274778
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.2 52.8
 54 32.9 24.5 36.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM050292.D
 Acq: 12 Jun 2025 02:34

Tgt Ion: 164 Resp: 643075
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.4
 160 46.5 35.7 53.5

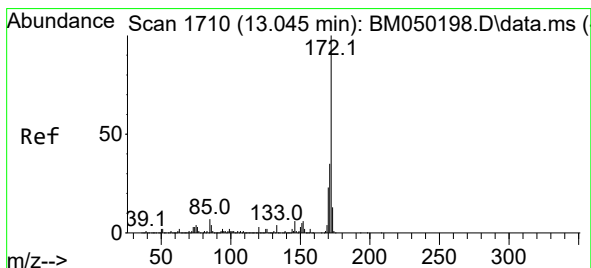
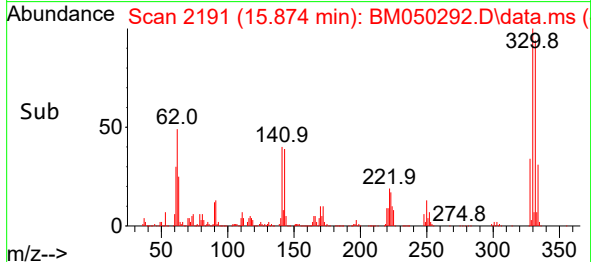
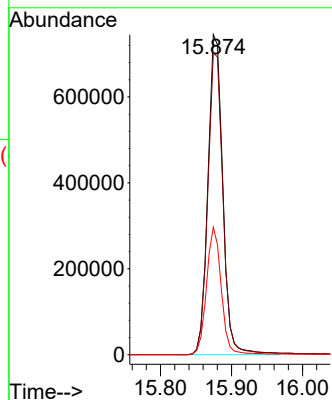
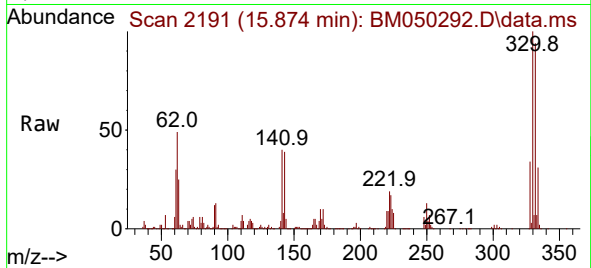




#42
2,4,6-Tribromophenol
Concen: 149.054 ng
RT: 15.874 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

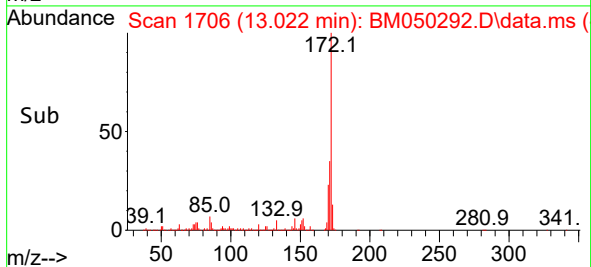
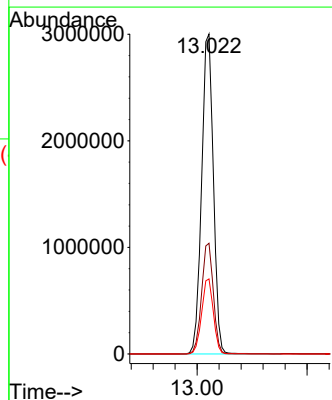
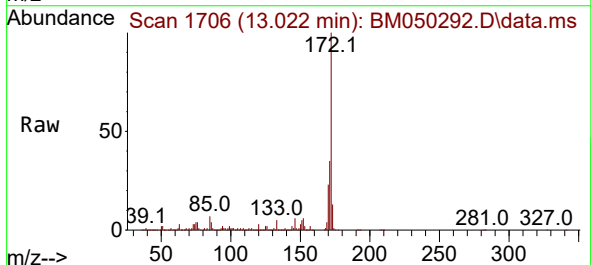
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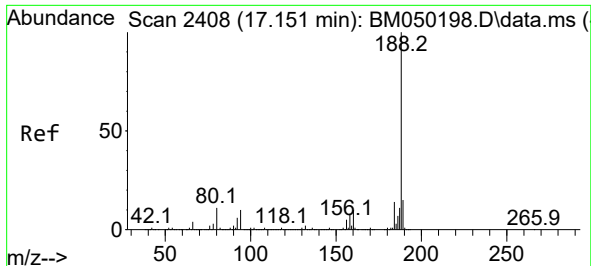
Tgt Ion:330 Resp: 1090258
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 39.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 93.936 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

Tgt Ion:172 Resp: 4461955
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.5 18.6 27.8

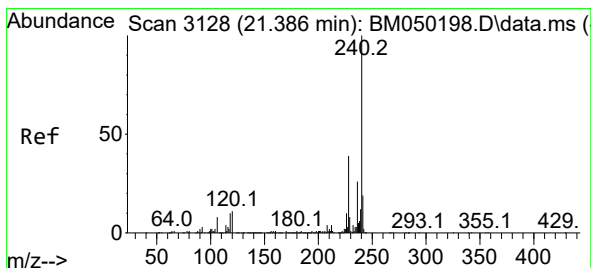
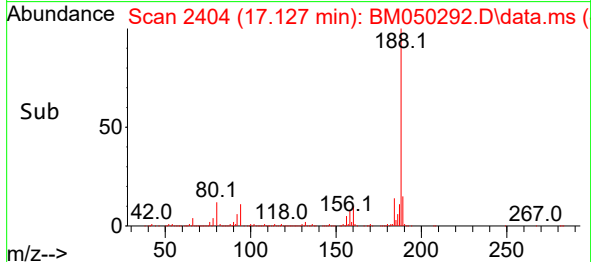
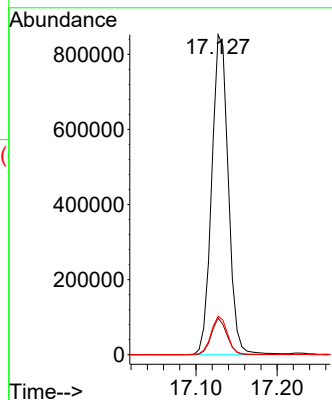
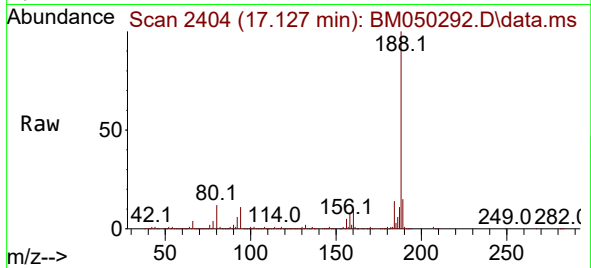




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

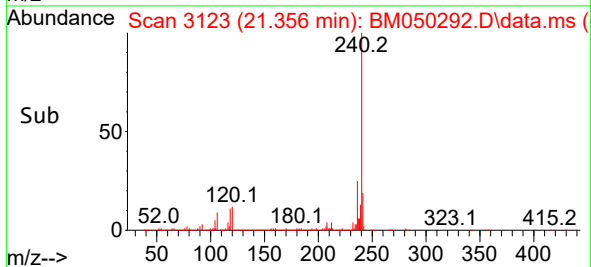
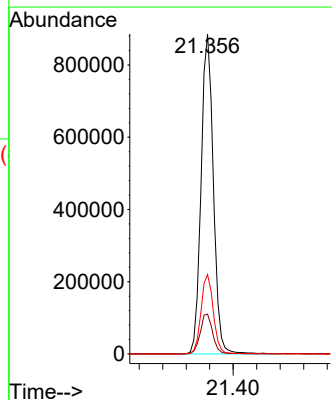
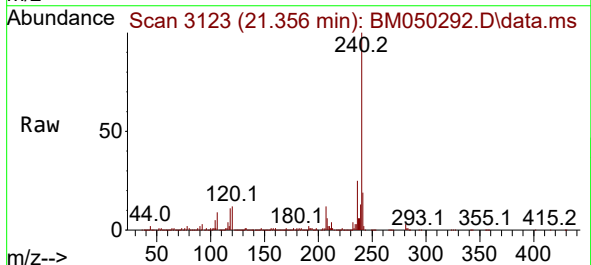
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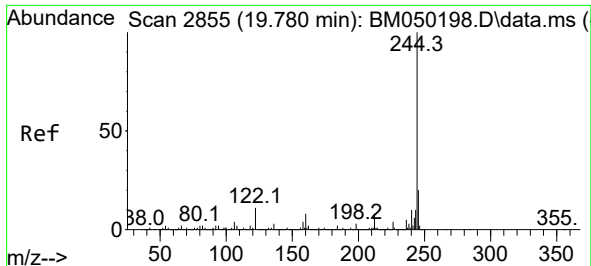
Tgt Ion:188 Resp: 1208880
Ion Ratio Lower Upper
188 100
94 11.5 8.1 12.1
80 12.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM050292.D
Acq: 12 Jun 2025 02:34

Tgt Ion:240 Resp: 1281631
Ion Ratio Lower Upper
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120 12.4 9.0 13.4
236 24.8 20.7 31.1

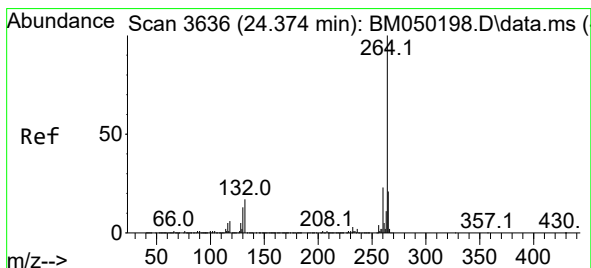
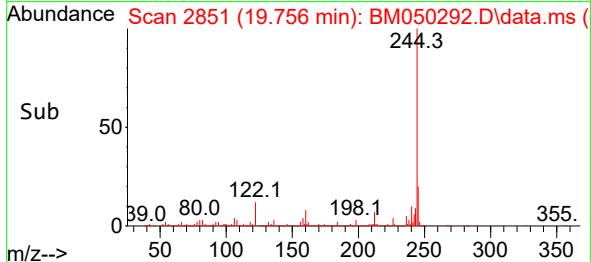
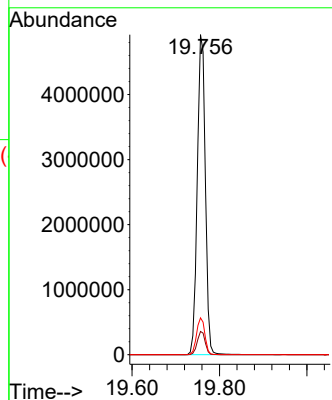
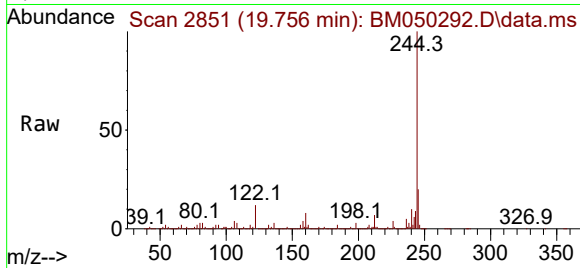




#79
 Terphenyl-d14
 Concen: 93.449 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050292.D
 Acq: 12 Jun 2025 02:34

Instrument :
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Tgt Ion:244 Resp: 6320110
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.5 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: BM050292.D
 Acq: 12 Jun 2025 02:34

Tgt Ion:264 Resp: 1350435
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.5 16.8 25.2

