

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050151.D
 Acq On : 08 May 2025 17:58
 Operator : RC/JU
 Sample : Q1978-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12016

Quant Time: May 08 19:02:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

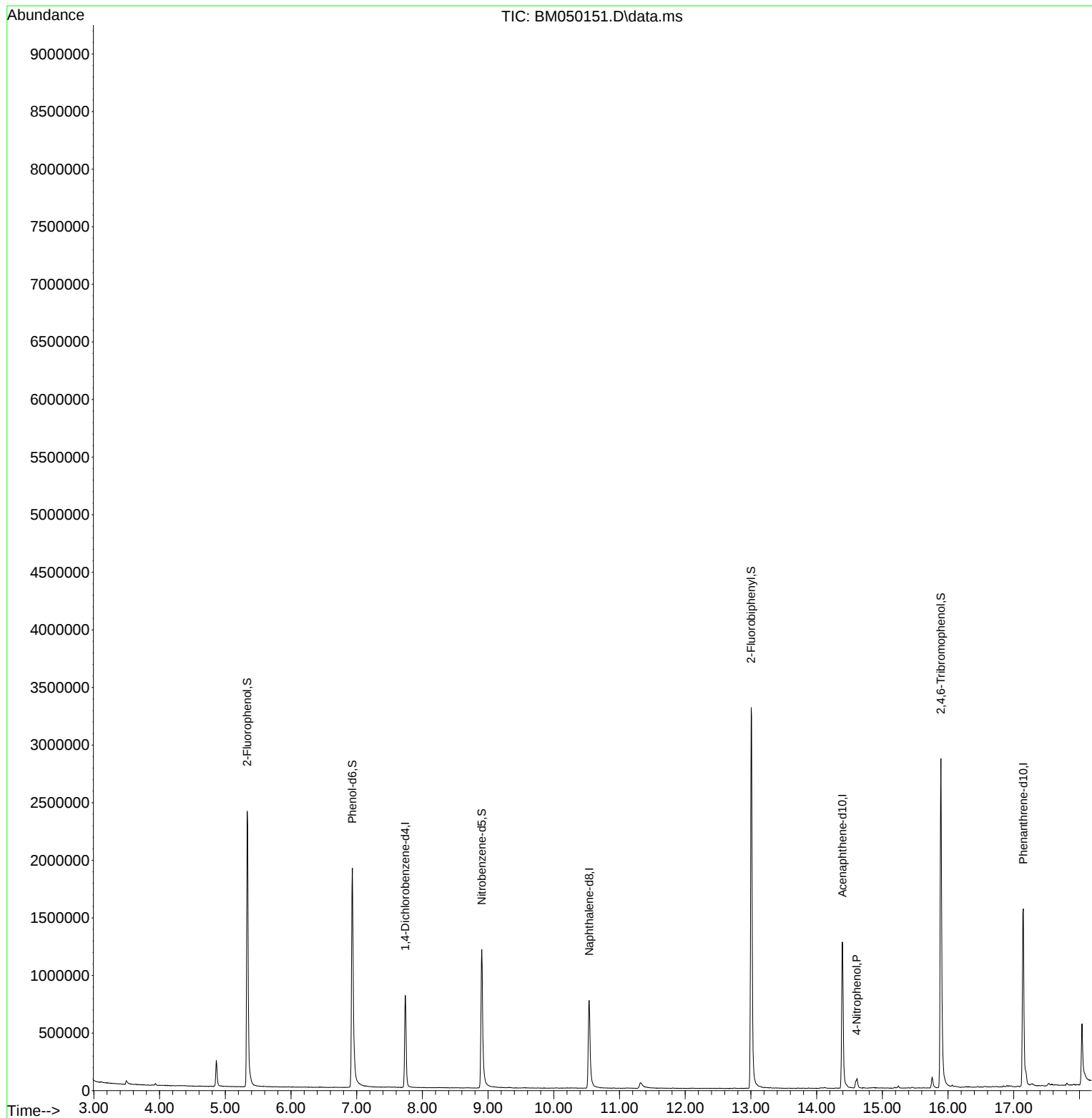
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	247294	20.000	ng	-0.03
21) Naphthalene-d8	10.540	136	839271	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	538188	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1097272	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1171079	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1238736	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1223969	86.668	ng	-0.02
7) Phenol-d6	6.934	99	1448454	81.603	ng	-0.02
23) Nitrobenzene-d5	8.904	82	873926	51.311	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	698922	87.828	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2099918	46.158	ng	-0.03
79) Terphenyl-d14	19.762	244	3572107	45.136	ng	-0.02
Target Compounds						
56) 4-Nitrophenol	14.610	139	61	4.543	ng	Qvalue # 1

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

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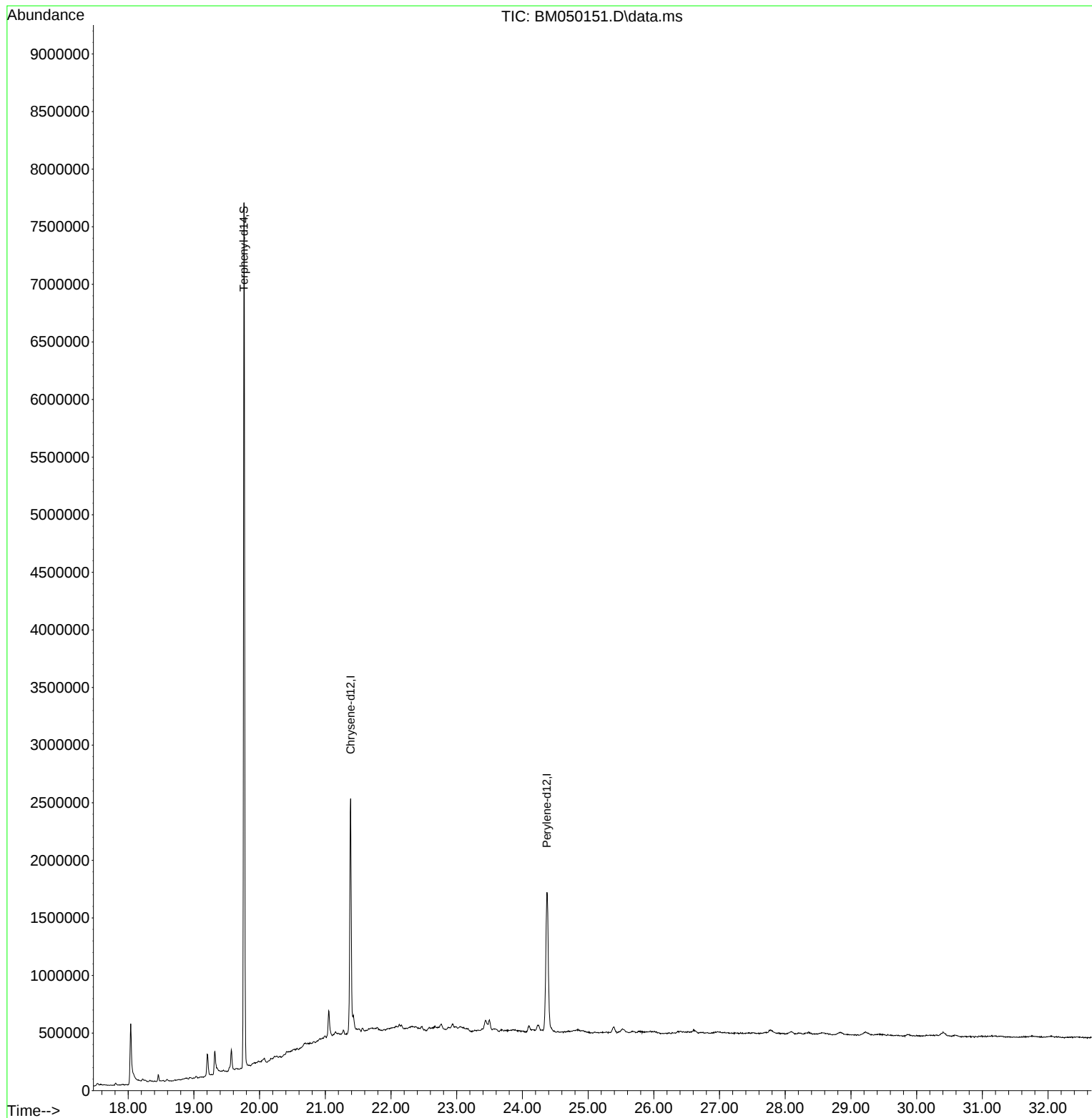
Quant Time: May 08 19:02:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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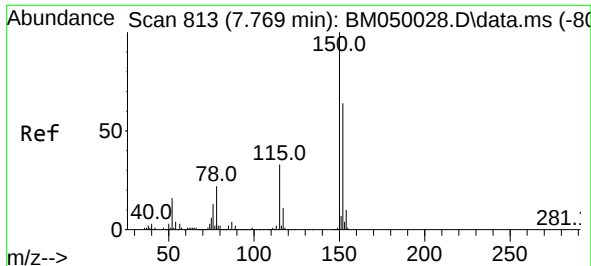


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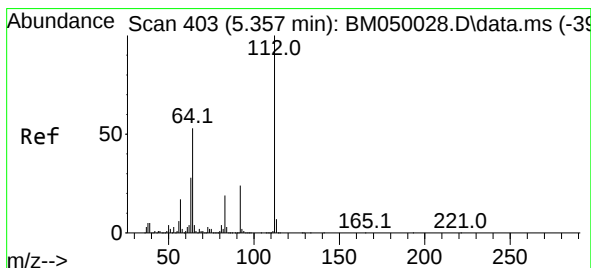
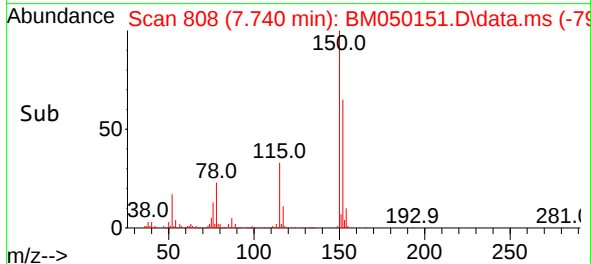
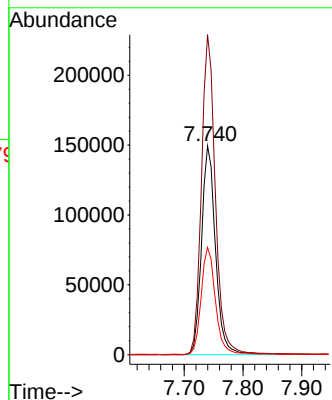
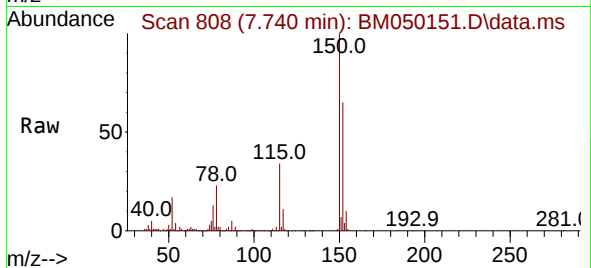




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 808
Delta R.T. -0.029 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

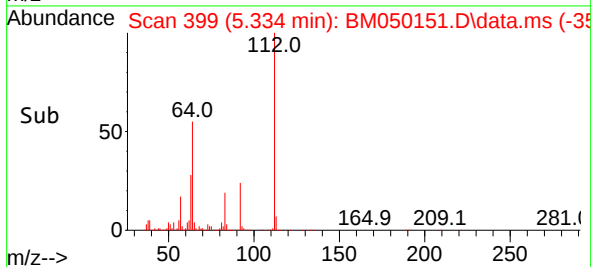
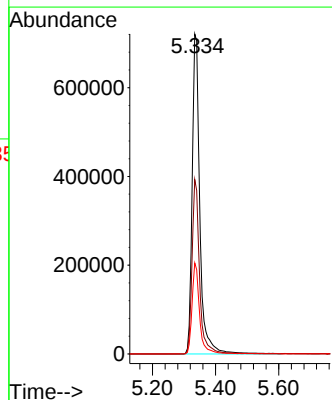
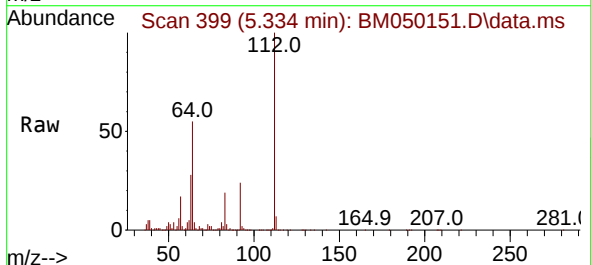
Instrument :
BNA_M
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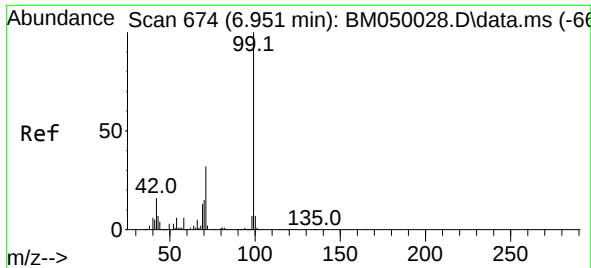
Tgt Ion:152 Resp: 247294
Ion Ratio Lower Upper
152 100
150 153.3 124.1 186.1
115 51.3 41.2 61.8



#5
2-Fluorophenol
Concen: 86.668 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.023 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Tgt Ion:112 Resp: 1223969
Ion Ratio Lower Upper
112 100
64 54.5 42.6 64.0
63 28.5 22.2 33.4

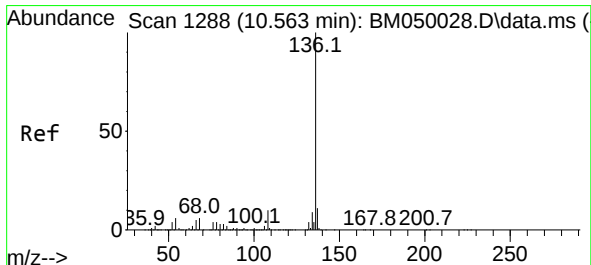
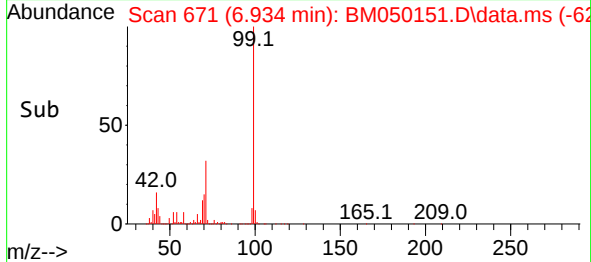
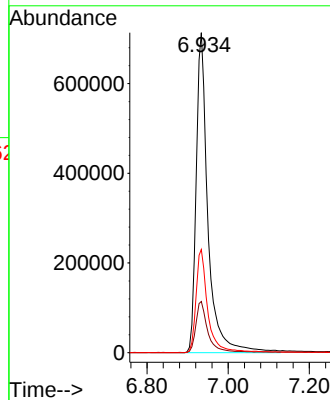
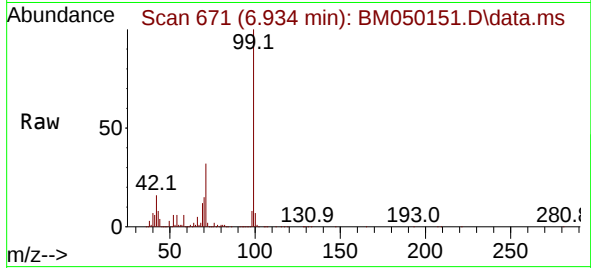




#7
Phenol-d6
Concen: 81.603 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

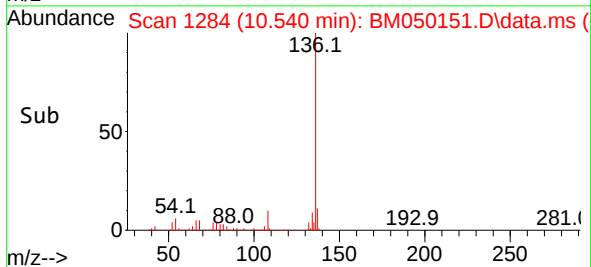
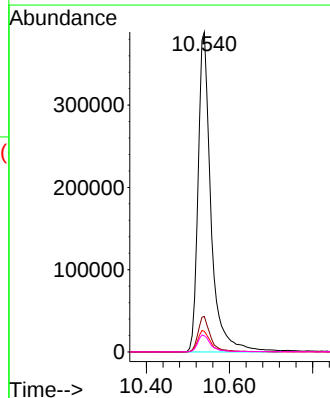
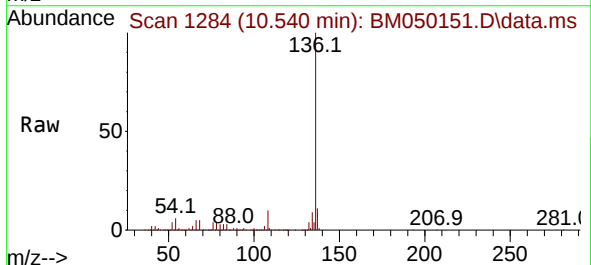
Instrument :
BNA_M
ClientSampleId :
72-12016

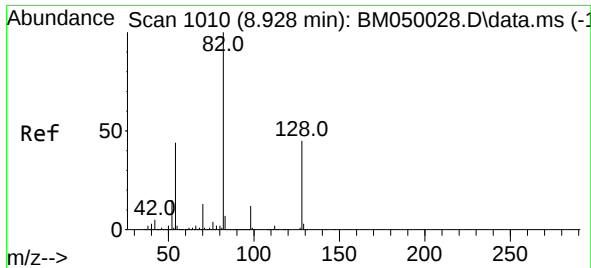
Tgt Ion: 99 Resp: 1448454
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Tgt Ion: 136 Resp: 839271
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.4 5.1 7.7
68 5.0 4.4 6.6

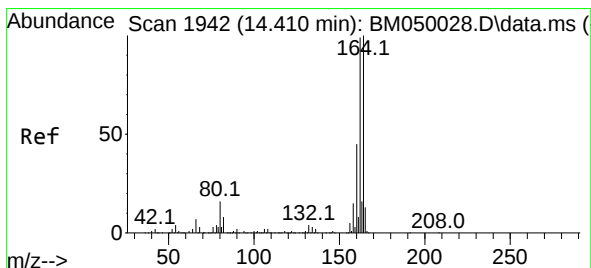
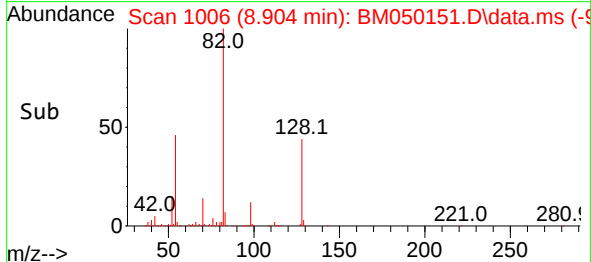
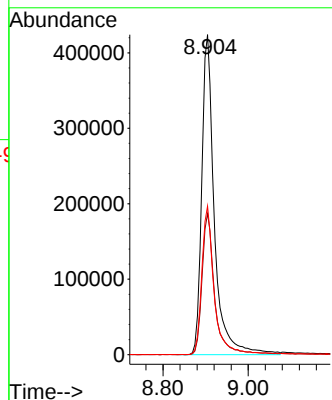
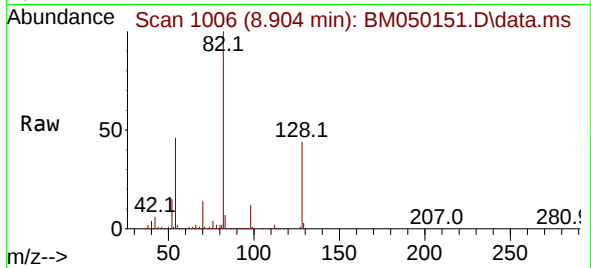




#23
Nitrobenzene-d5
Concen: 51.311 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

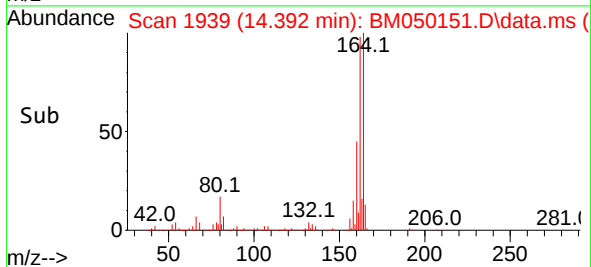
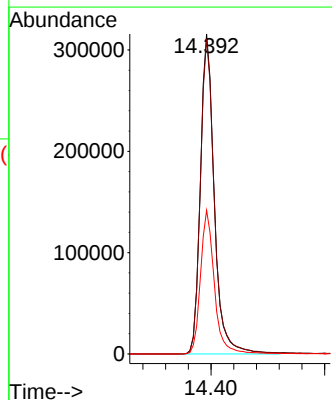
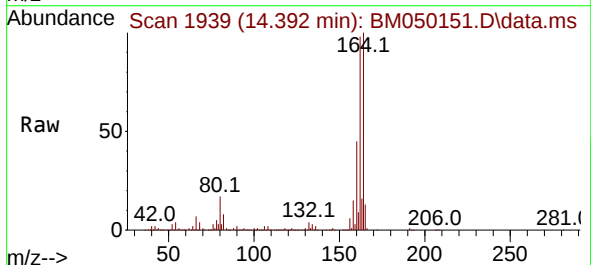
Instrument :
BNA_M
ClientSampleId :
72-12016

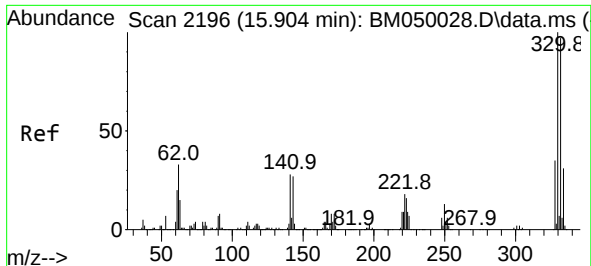
Tgt Ion: 82 Resp: 873926
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 46.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Tgt Ion:164 Resp: 538188
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.0
160 44.9 36.2 54.4

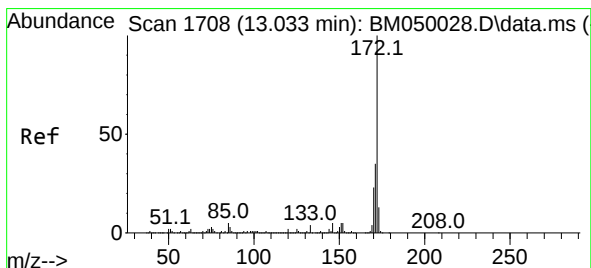
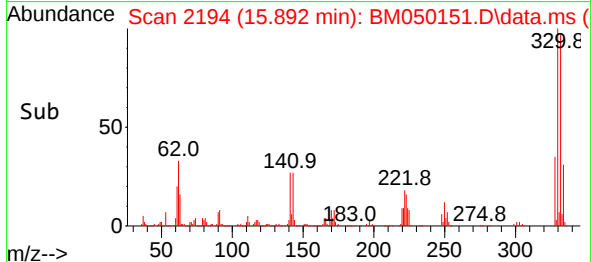
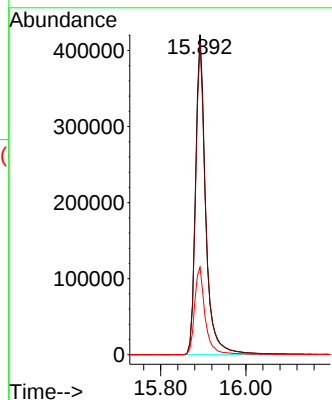
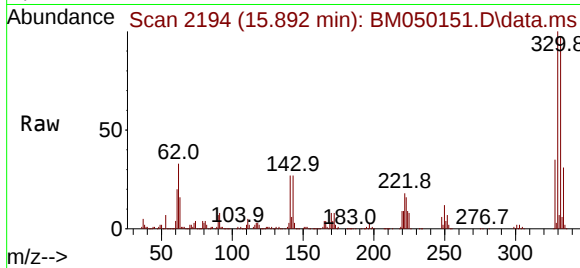




#42
2,4,6-Tribromophenol
Concen: 87.828 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

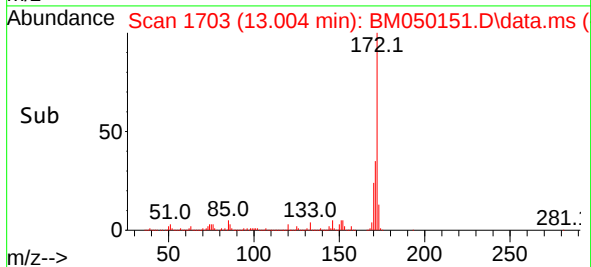
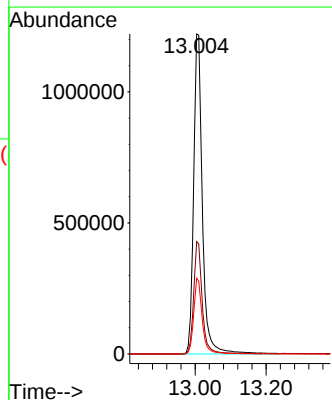
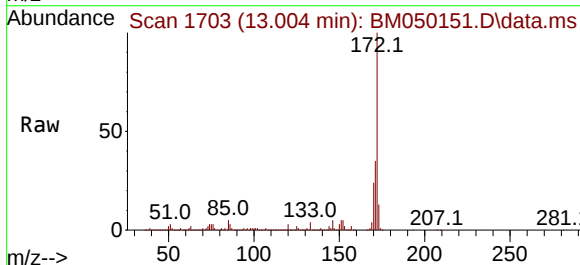
Instrument :
BNA_M
ClientSampleId :
72-12016

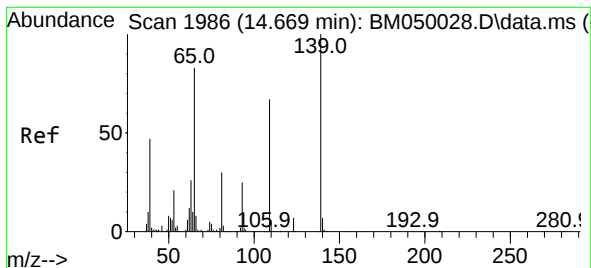
Tgt Ion:330 Resp: 698922
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.7 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 46.158 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Tgt Ion:172 Resp: 2099918
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.6 18.6 28.0

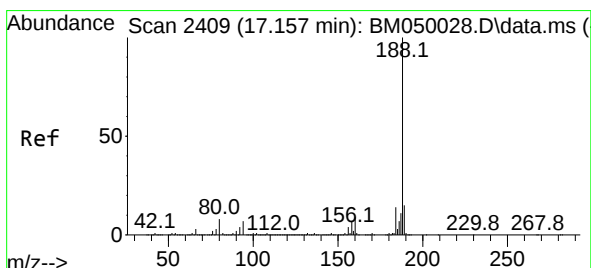
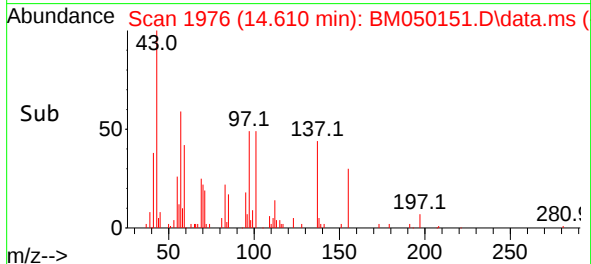
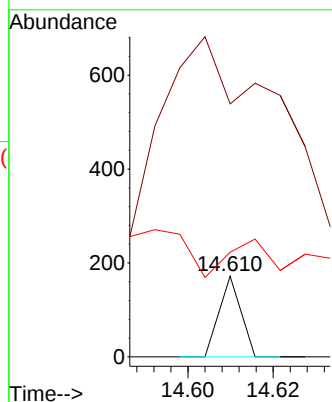
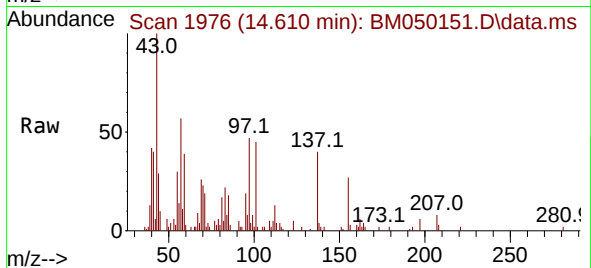




#56
4-Nitrophenol
Concen: 4.543 ng
RT: 14.610 min Scan# 1986
Delta R.T. -0.059 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

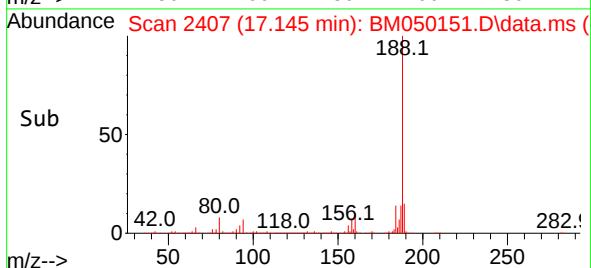
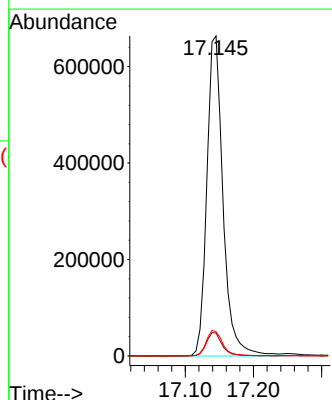
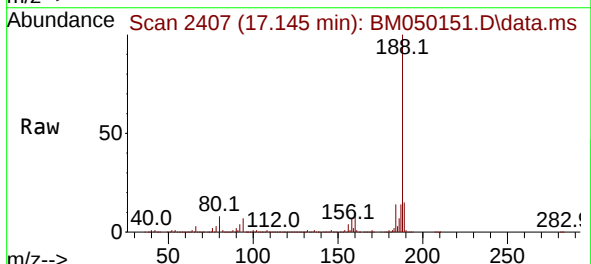
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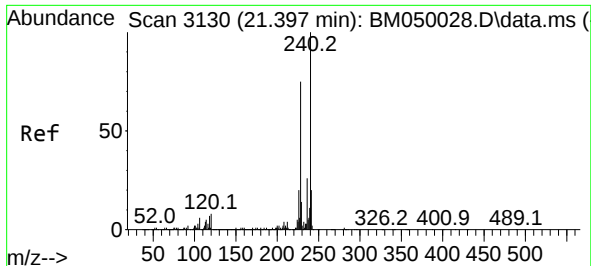
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 313.4 47.0 87.0#
65 129.7 64.3 104.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Tgt Ion:188 Resp: 1097272
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.6 6.2 9.4

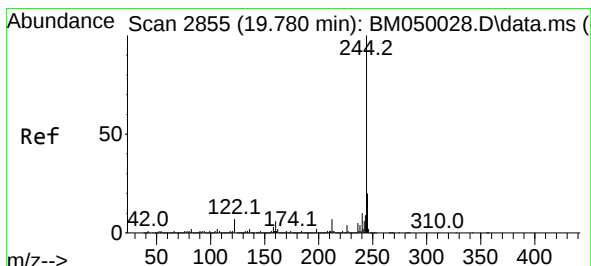
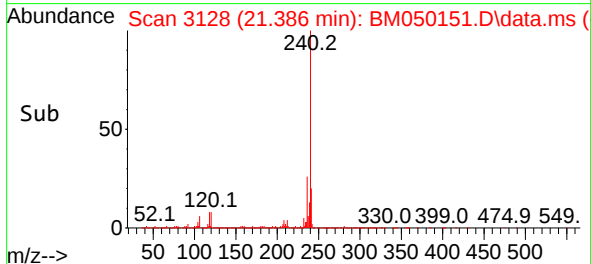
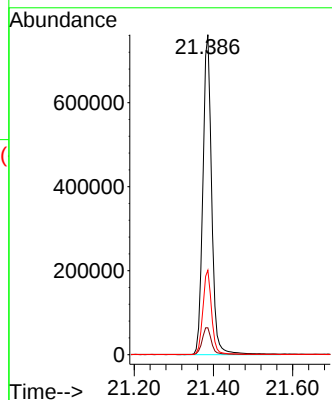
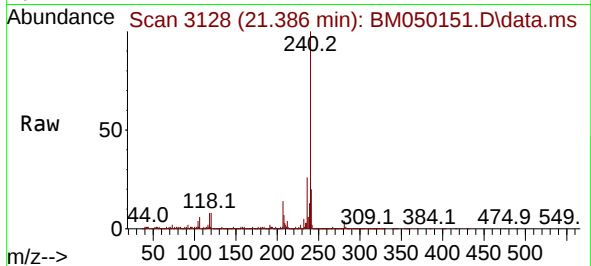




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

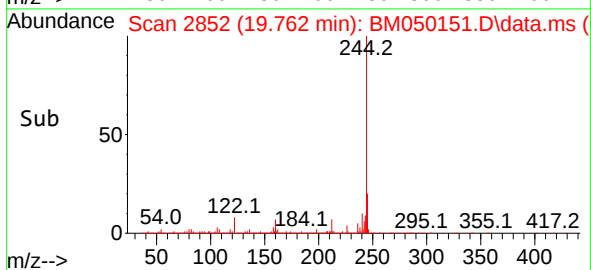
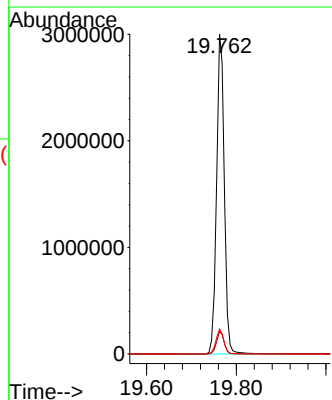
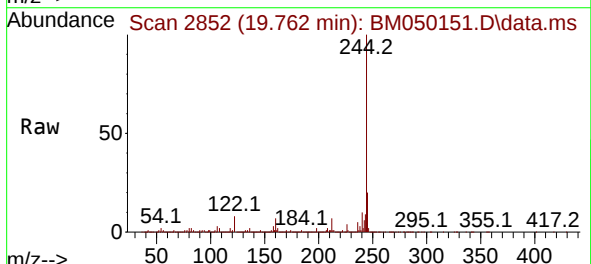
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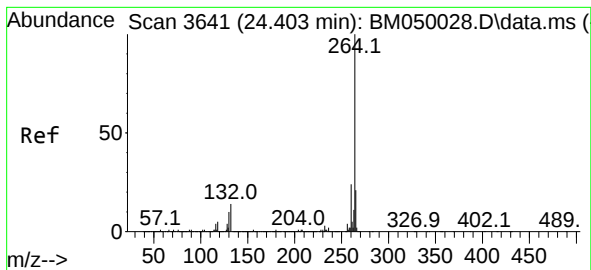
Tgt Ion:240 Resp: 1171079
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 26.4 20.9 31.3



#79
Terphenyl-d14
Concen: 45.136 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.017 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Tgt Ion:244 Resp: 3572107
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.8 5.6 8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 30
Delta R.T. -0.029 min
Lab File: BM050151.D
Acq: 08 May 2025 17:58

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 1238736

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.4

