

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049804.D
 Acq On : 03 Apr 2025 13:58
 Operator : RC/JU
 Sample : Q1693-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WCS-TP-3

Quant Time: Apr 03 14:39:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	275100	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	932712	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	598521	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1207120	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1183048	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1245830	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1775956	108.928	ng	-0.02
7) Phenol-d6	6.957	99	2214194	108.218	ng	-0.02
23) Nitrobenzene-d5	8.940	82	1305328	71.853	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	890275	127.384	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3083043	64.511	ng	-0.02
79) Terphenyl-d14	19.792	244	4825948	68.740	ng	-0.02

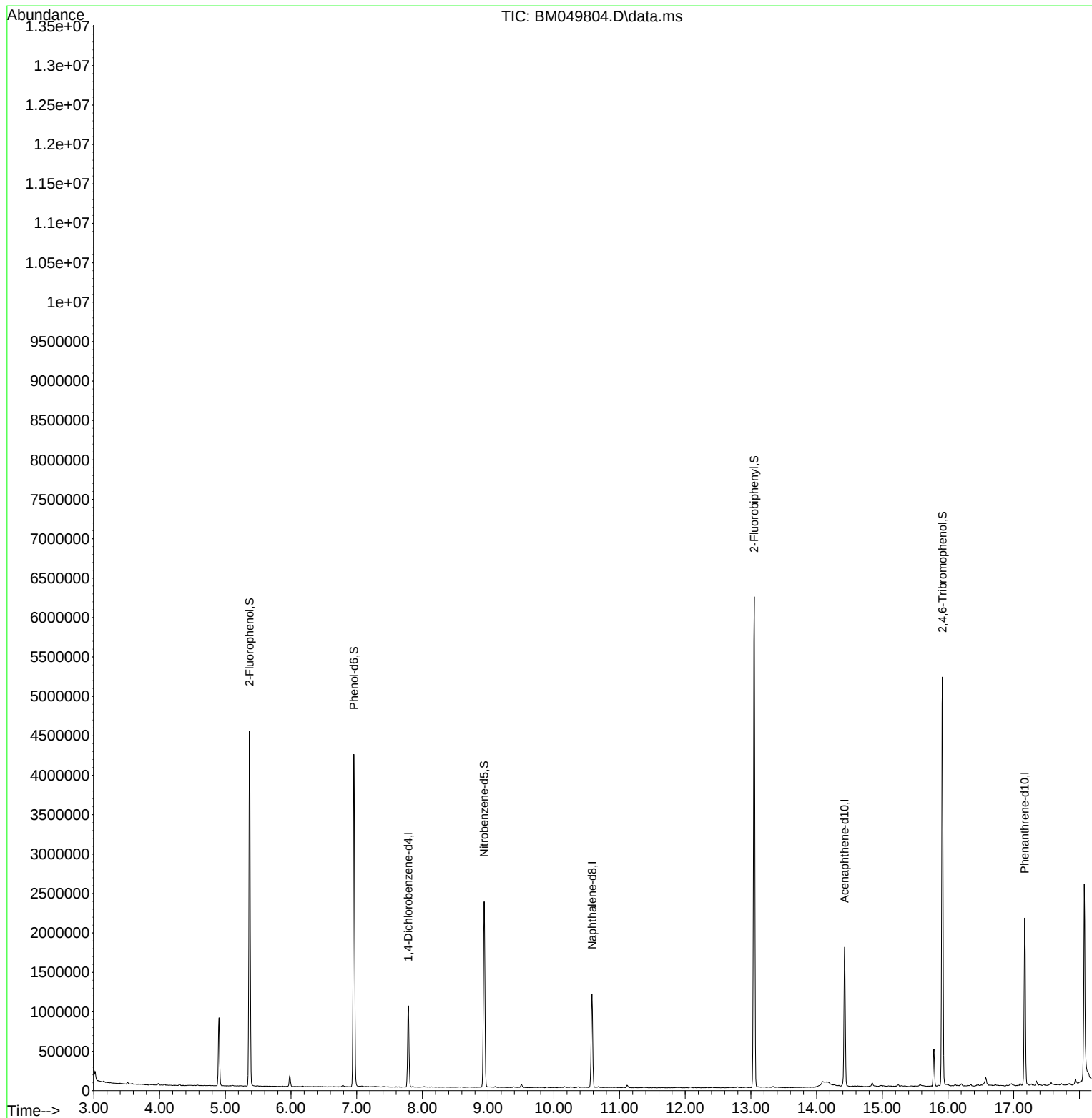
Target Compounds	Qvalue

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

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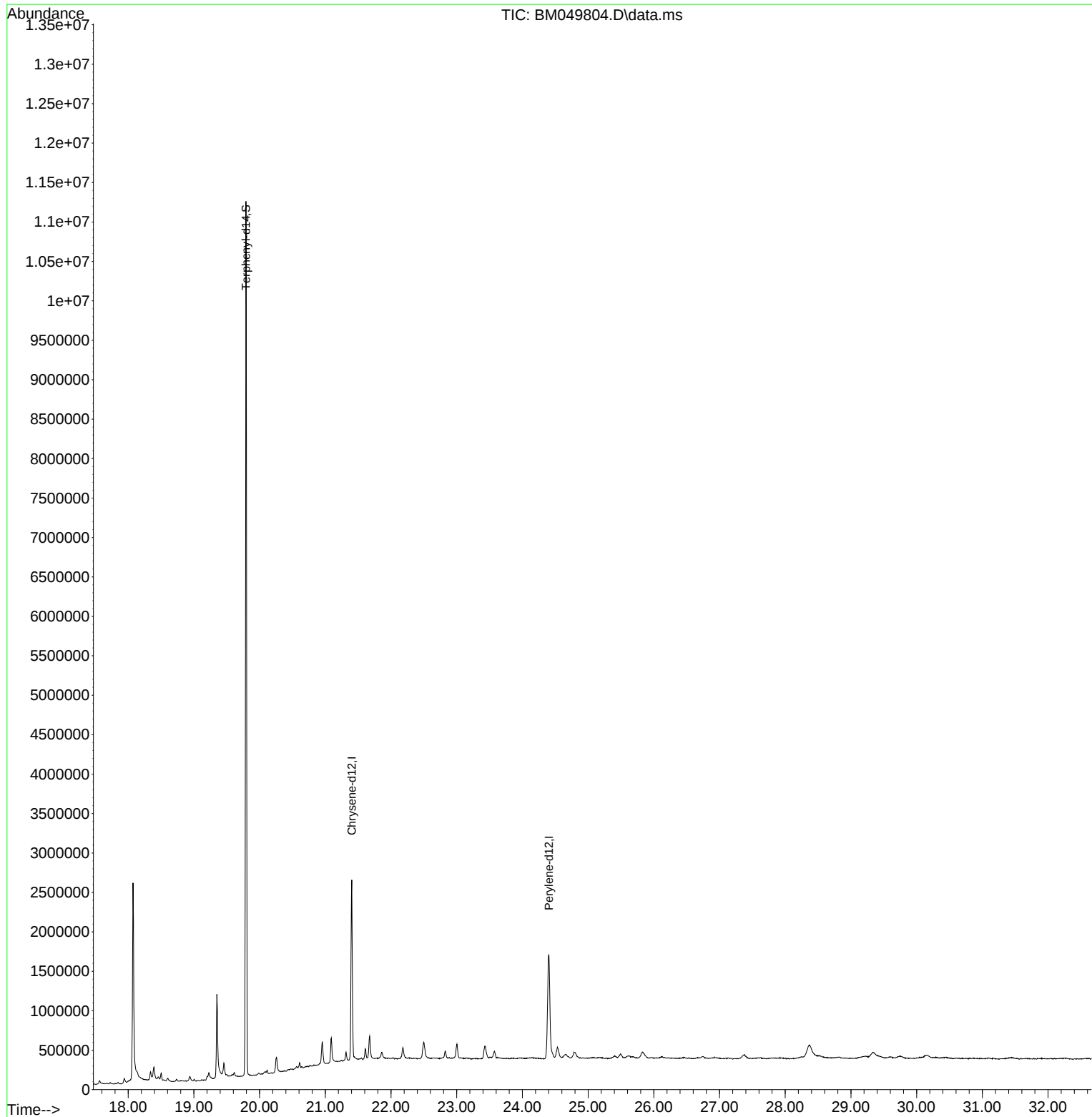
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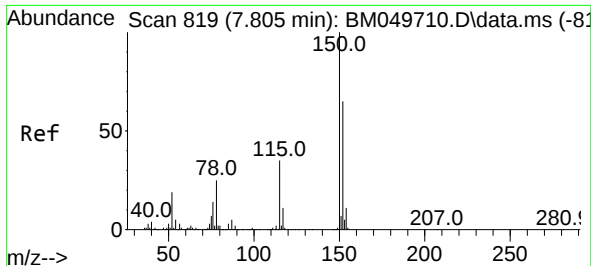


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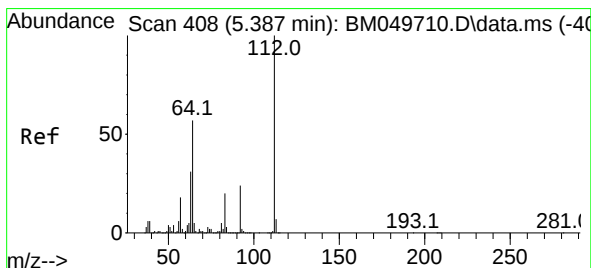
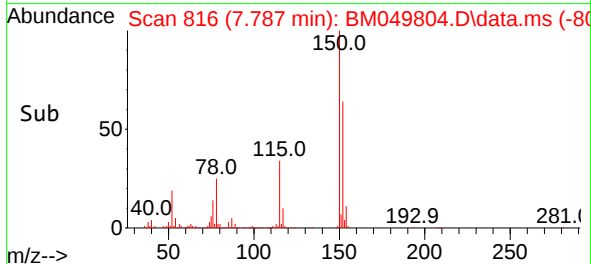
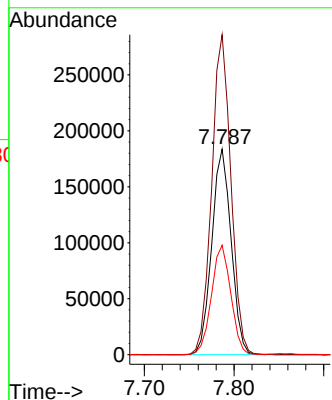
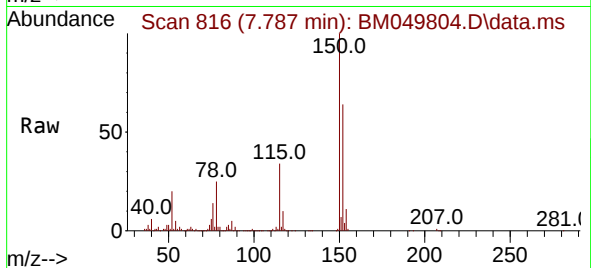




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

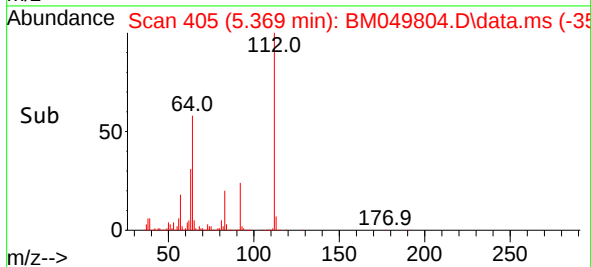
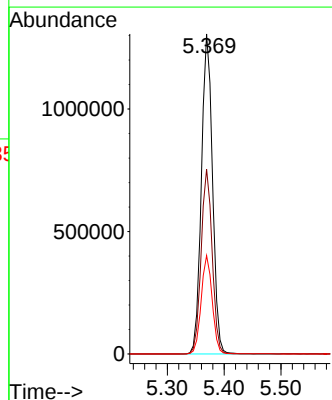
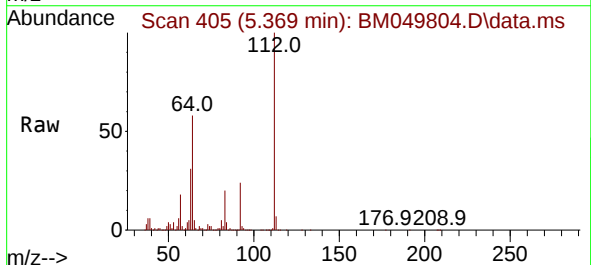
Instrument :
BNA_M
ClientSampleId :
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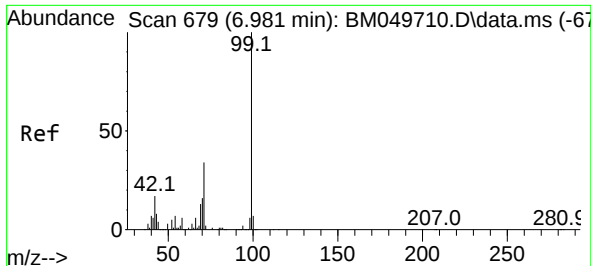
Tgt Ion:152 Resp: 275100
Ion Ratio Lower Upper
152 100
150 155.6 123.8 185.8
115 53.2 43.0 64.6



#5
2-Fluorophenol
Concen: 108.928 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

Tgt Ion:112 Resp: 1775956
Ion Ratio Lower Upper
112 100
64 57.7 45.3 67.9
63 30.7 24.4 36.6

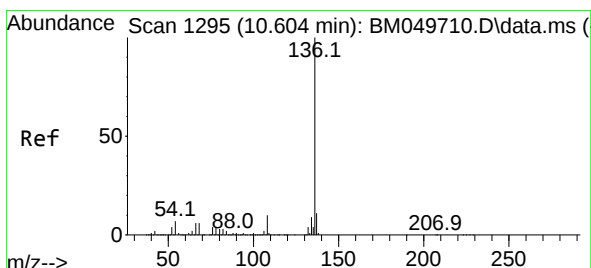
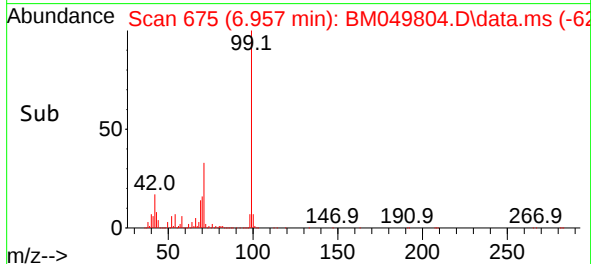
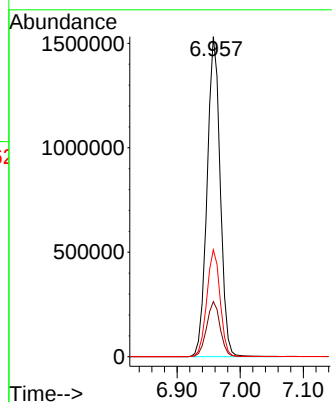
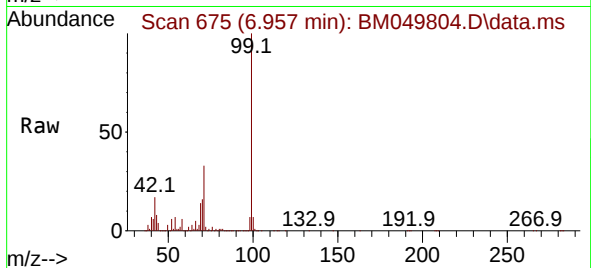




#7
Phenol-d6
Concen: 108.218 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

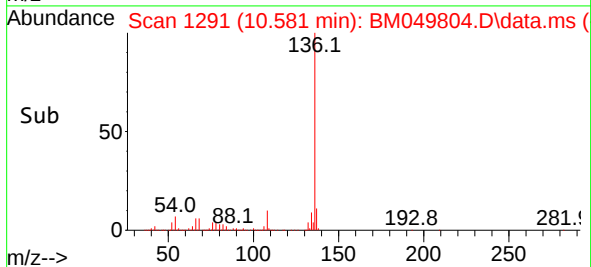
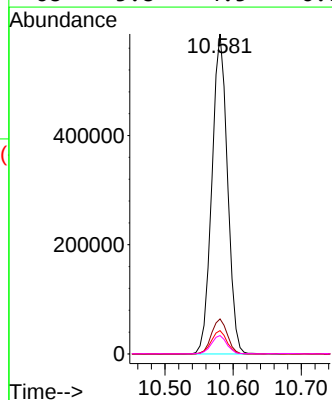
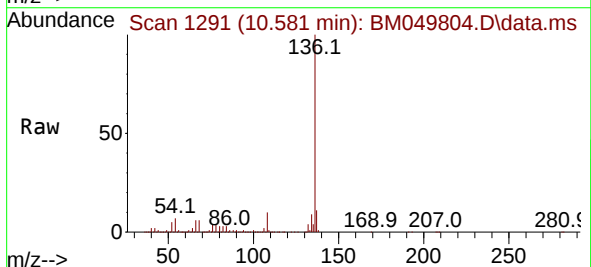
Instrument :
BNA_M
ClientSampleId :
WCS-TP-3

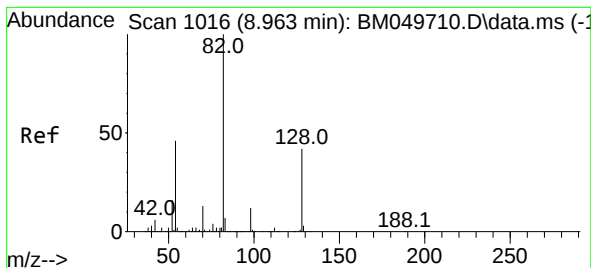
Tgt Ion: 99 Resp: 2214194
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 33.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

Tgt Ion: 136 Resp: 932712
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.3 5.8 8.8
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 71.853 ng

RT: 8.940 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049804.D

Acq: 03 Apr 2025 13:58

Instrument :

BNA_M

ClientSampleId :

WCS-TP-3

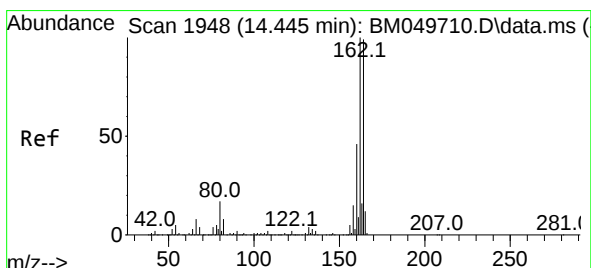
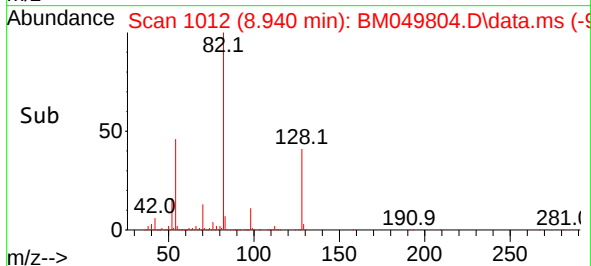
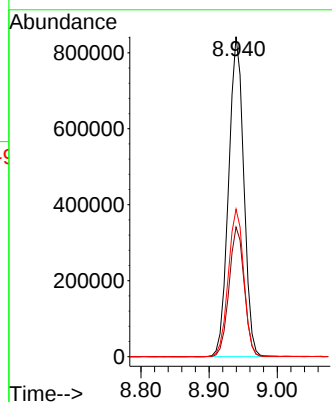
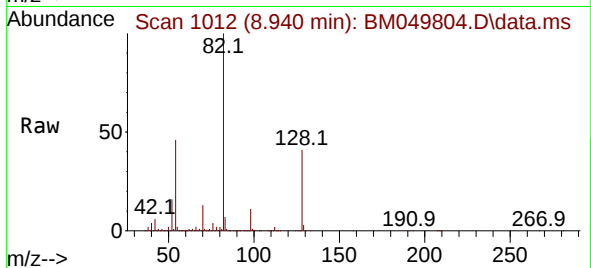
Tgt Ion: 82 Resp: 1305328

Ion Ratio Lower Upper

82 100

128 40.5 33.4 50.0

54 46.1 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049804.D

Acq: 03 Apr 2025 13:58

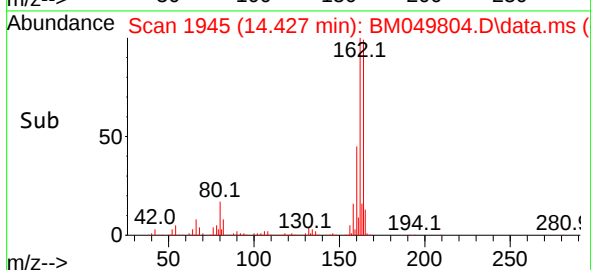
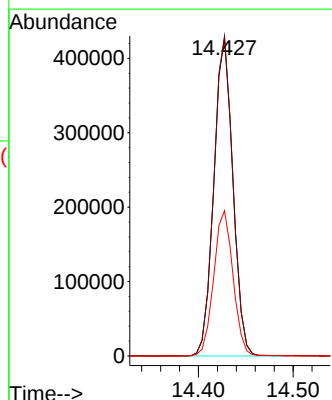
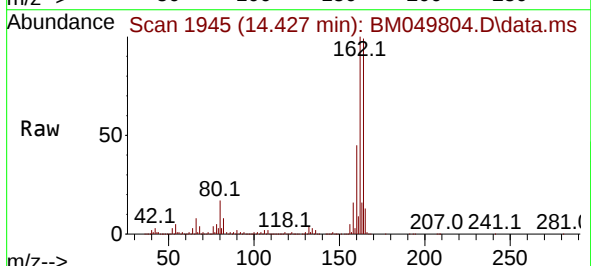
Tgt Ion:164 Resp: 598521

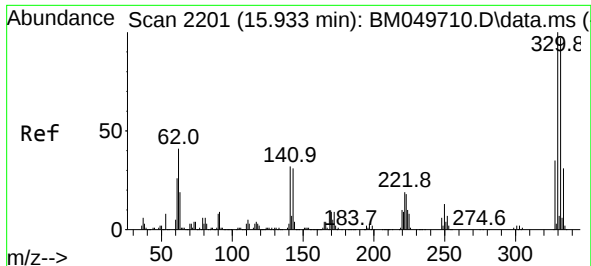
Ion Ratio Lower Upper

164 100

162 100.7 80.5 120.7

160 45.7 36.9 55.3

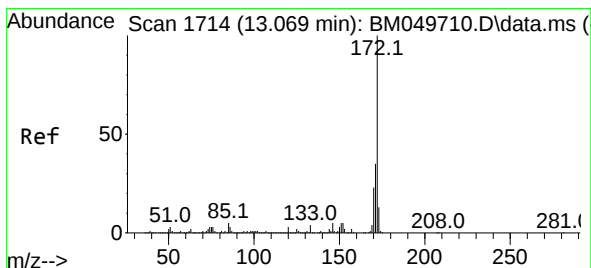
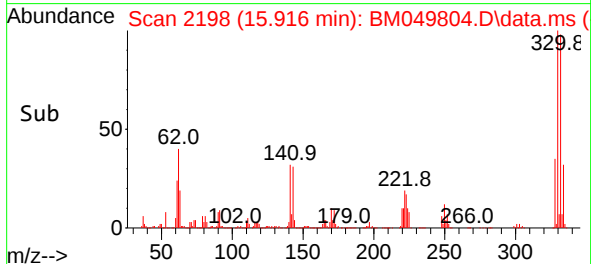
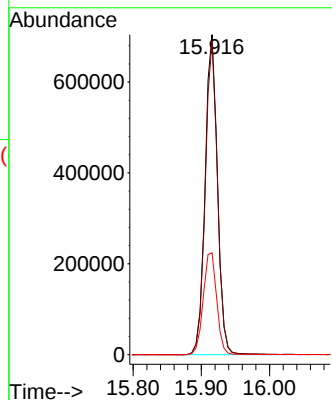
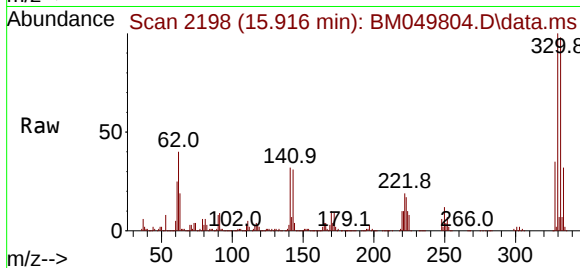




#42
2,4,6-Tribromophenol
Concen: 127.384 ng
RT: 15.916 min Scan# 211
Delta R.T. -0.017 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

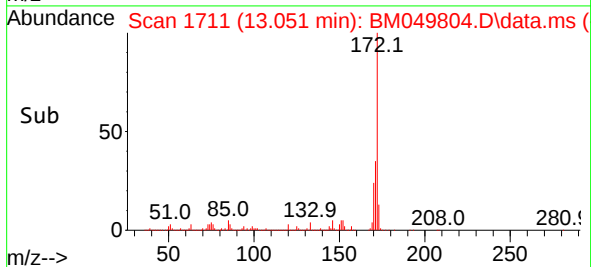
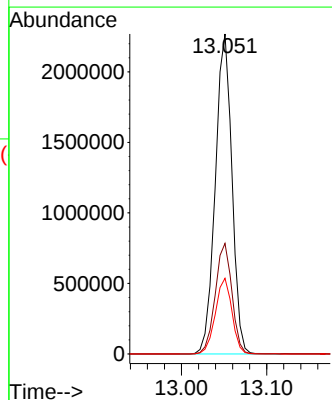
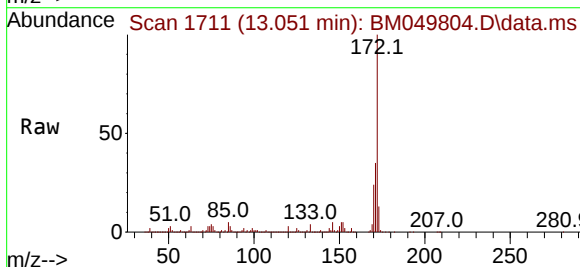
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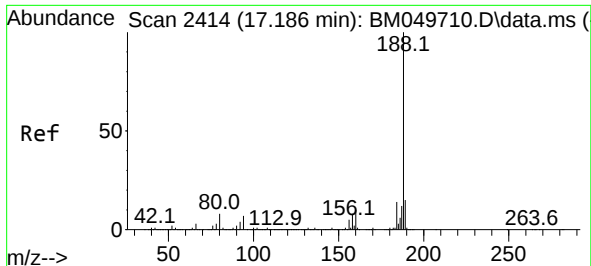
Tgt Ion:330 Resp: 890275
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 34.7 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 64.511 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

Tgt Ion:172 Resp: 3083043
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.7 18.6 28.0

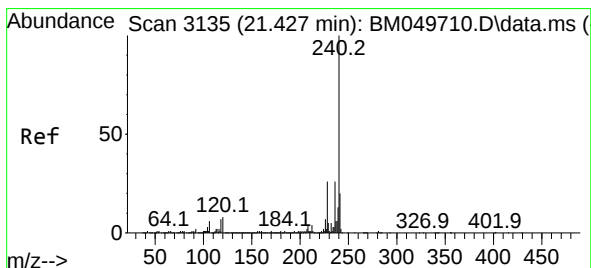
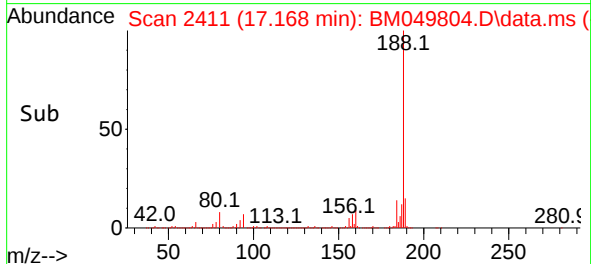
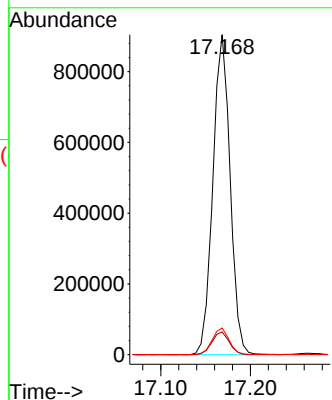
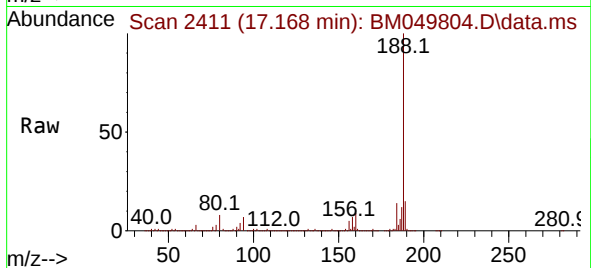




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

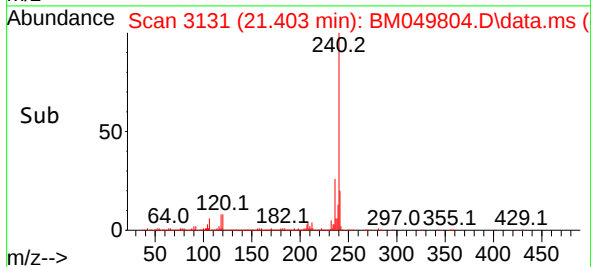
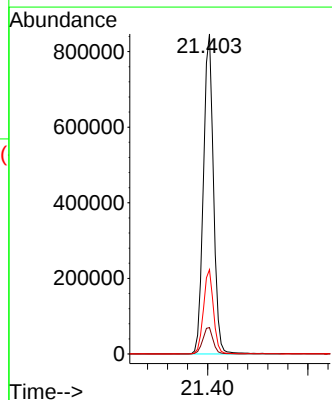
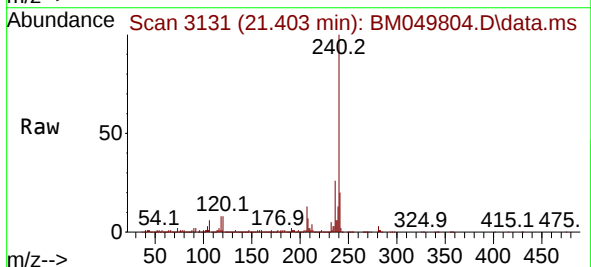
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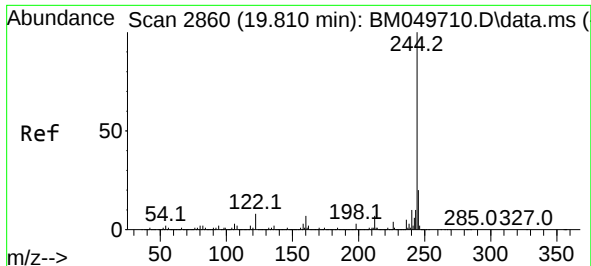
Tgt Ion:188 Resp: 1207120
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.4 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049804.D
Acq: 03 Apr 2025 13:58

Tgt Ion:240 Resp: 1183048
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.3 20.7 31.1

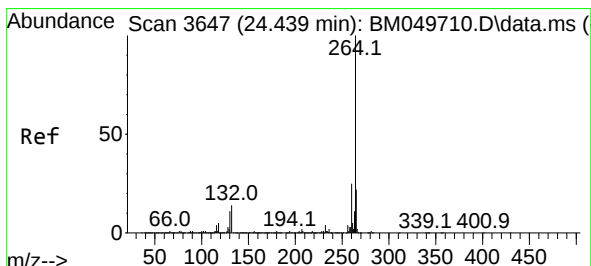
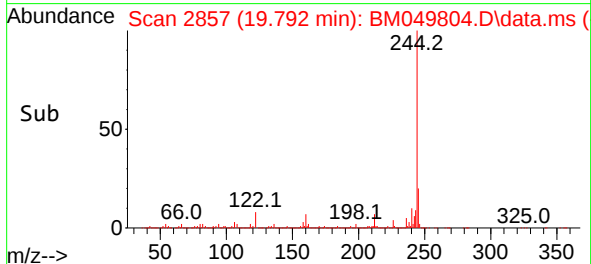
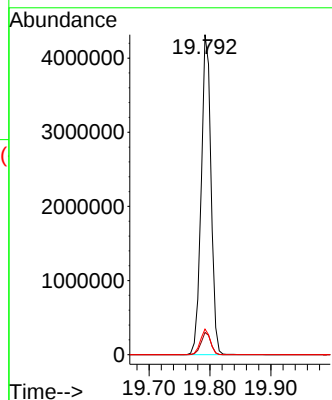
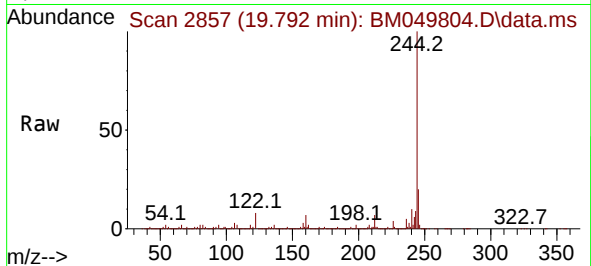




#79
 Terphenyl-d14
 Concen: 68.740 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049804.D
 Acq: 03 Apr 2025 13:58

Instrument :
 BNA_M
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 WCS-TP-3

Tgt Ion:244 Resp: 4825948
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.0 6.0 9.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.036 min
 Lab File: BM049804.D
 Acq: 03 Apr 2025 13:58

Tgt Ion:264 Resp: 1245830
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 22.0 18.2 27.2

