

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049777.D
 Acq On : 01 Apr 2025 16:48
 Operator : RC/JU
 Sample : Q1679-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Quant Time: Apr 01 17:48:56 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	7.792	152	305297	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1026961	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	626906	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1099906	20.000	ng	-0.01
76) Chrysene-d12	21.403	240	767632	20.000	ng	-0.02
86) Perylene-d12	24.409	264	720807	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2581065	142.651	ng	-0.01
7) Phenol-d6	6.963	99	2961279	130.416	ng	-0.02
23) Nitrobenzene-d5	8.951	82	2071628	103.569	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	1207051	164.889	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5347845	106.835	ng	-0.01
79) Terphenyl-d14	19.798	244	6480882	142.270	ng	-0.01

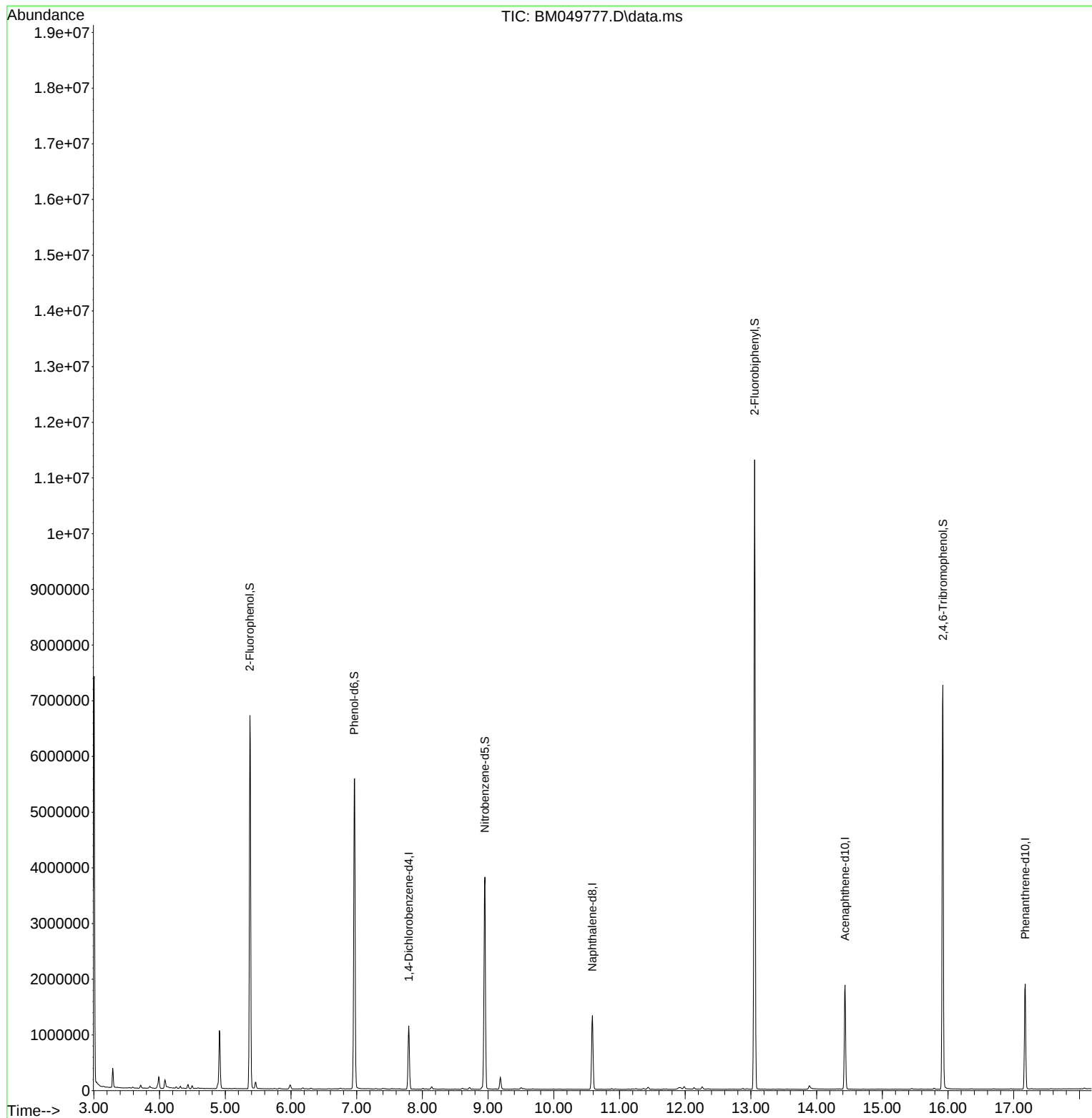
Target Compounds	Qvalue

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

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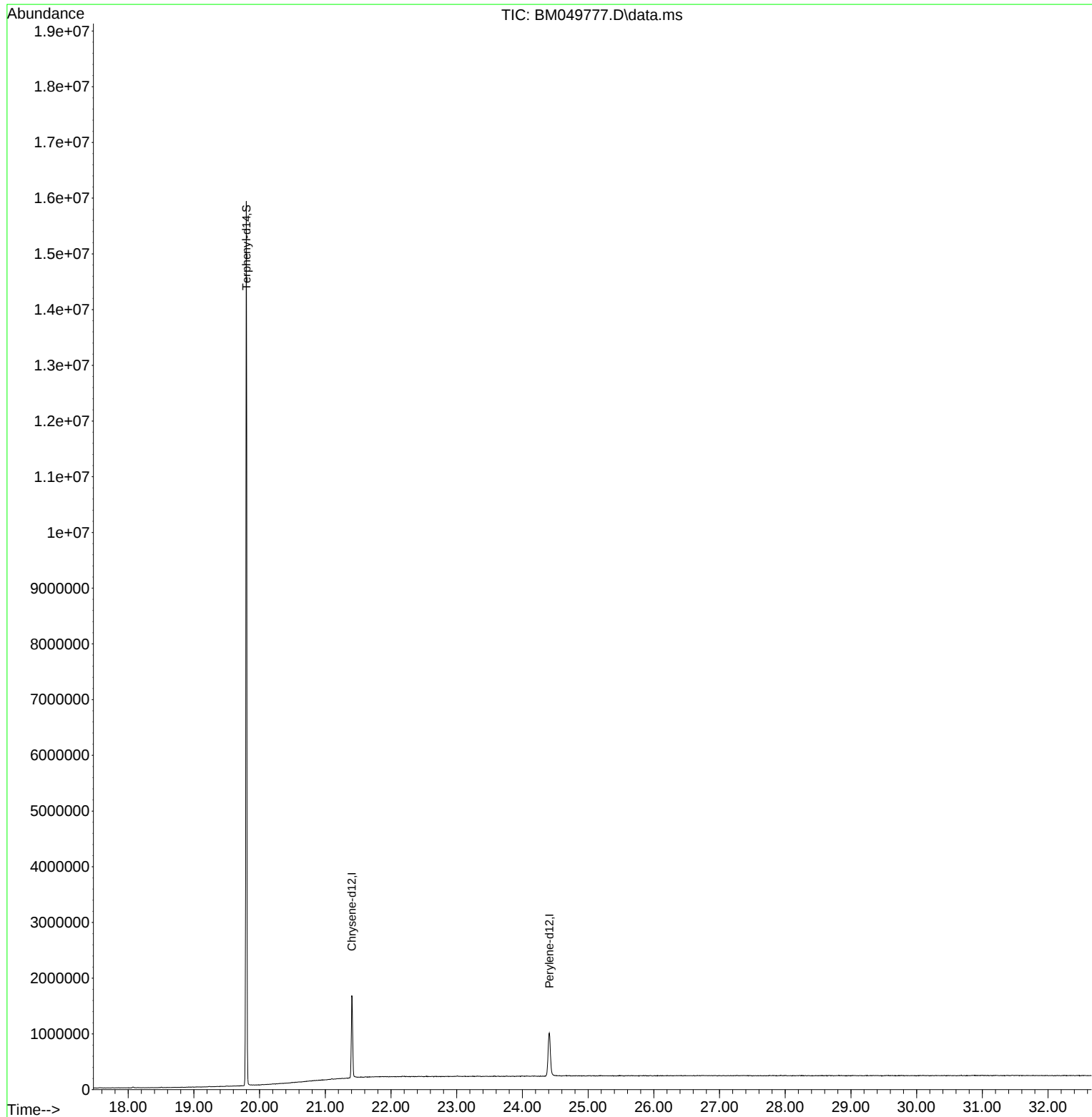
Quant Time: Apr 01 17:48:56 2025
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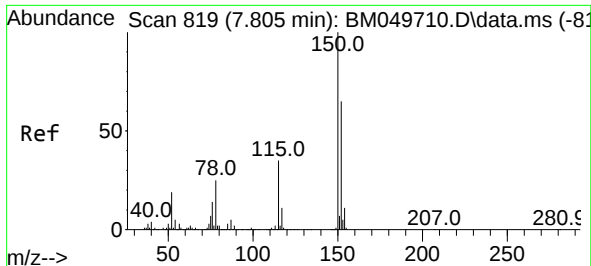


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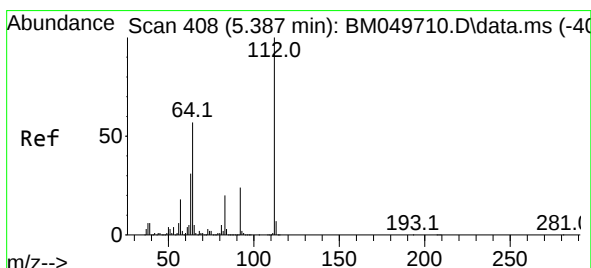
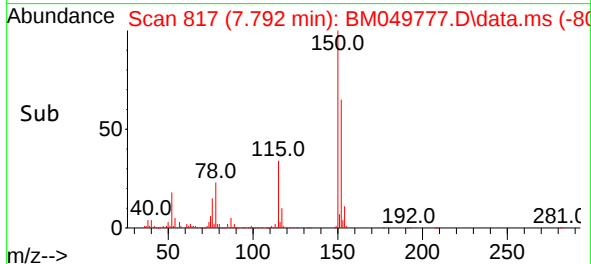
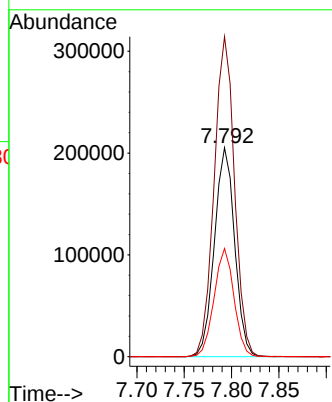
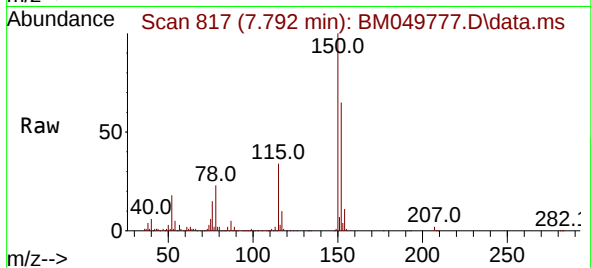




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049777.D
Acq: 01 Apr 2025 16:48

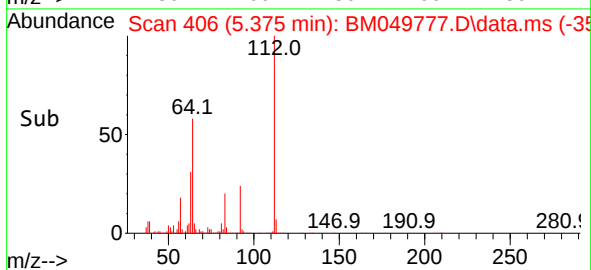
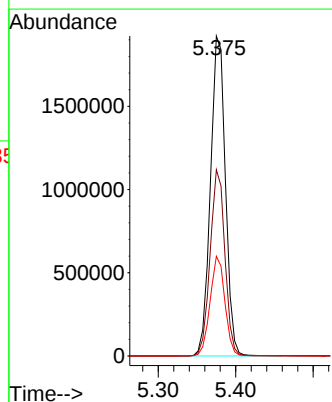
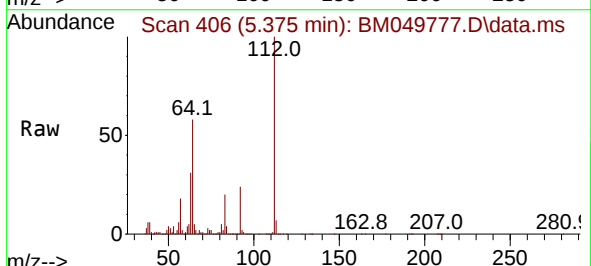
Instrument :
BNA_M
ClientSampleId :
TP-9

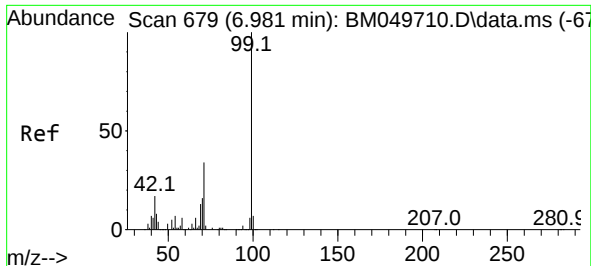
Tgt Ion:152 Resp: 305297
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.8
115 51.8 43.0 64.6



#5
2-Fluorophenol
Concen: 142.651 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049777.D
Acq: 01 Apr 2025 16:48

Tgt Ion:112 Resp: 2581065
Ion Ratio Lower Upper
112 100
64 58.2 45.3 67.9
63 31.2 24.4 36.6





#7
Phenol-d6
Concen: 130.416 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049777.D
Acq: 01 Apr 2025 16:48

Instrument :

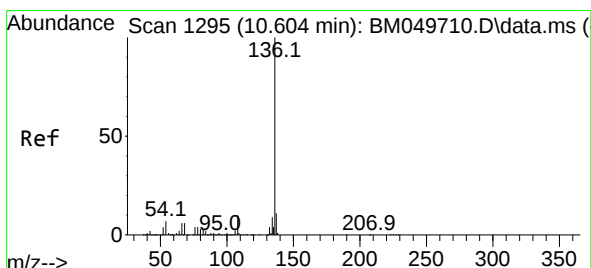
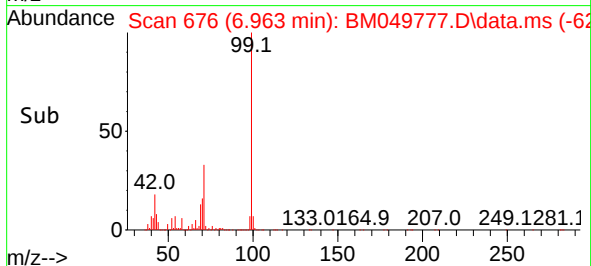
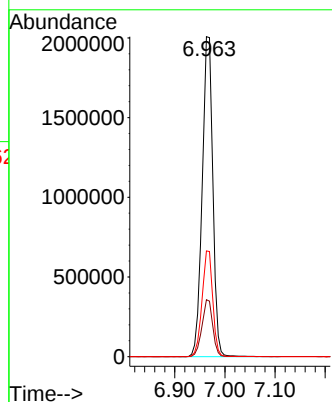
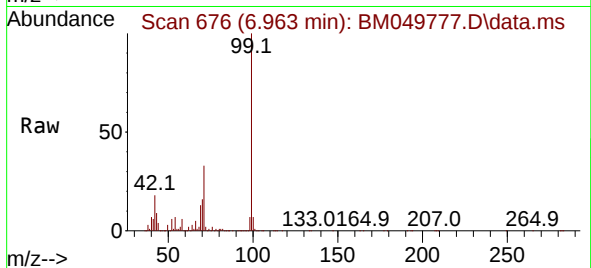
BNA_M

ClientSampleId :

TP-9

Tgt Ion: 99 Resp: 2961279

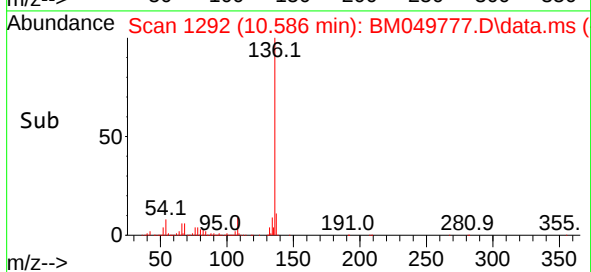
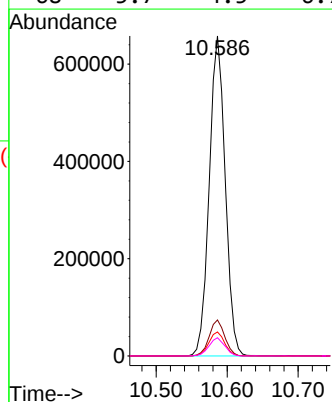
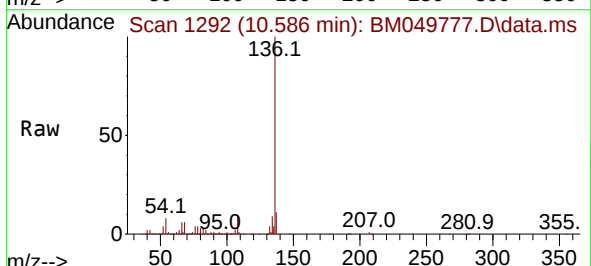
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.6	20.4
71	33.0	27.0	40.6

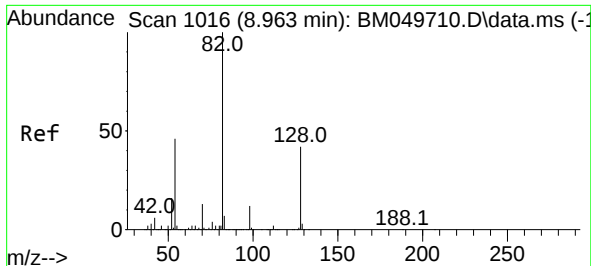


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049777.D
Acq: 01 Apr 2025 16:48

Tgt Ion: 136 Resp: 1026961

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.5	5.8	8.8
68	5.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 103.569 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM049777.D

Acq: 01 Apr 2025 16:48

Instrument :

BNA_M

ClientSampleId :

TP-9

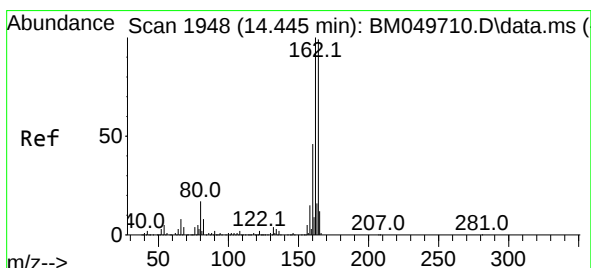
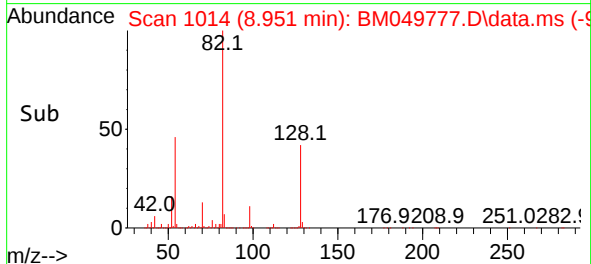
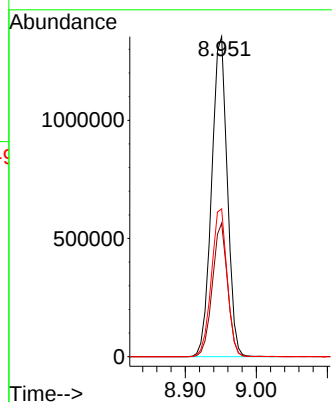
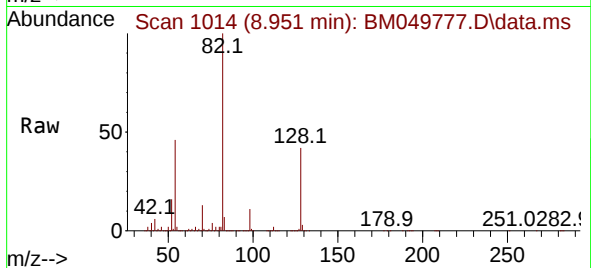
Tgt Ion: 82 Resp: 2071628

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 46.2 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM049777.D

Acq: 01 Apr 2025 16:48

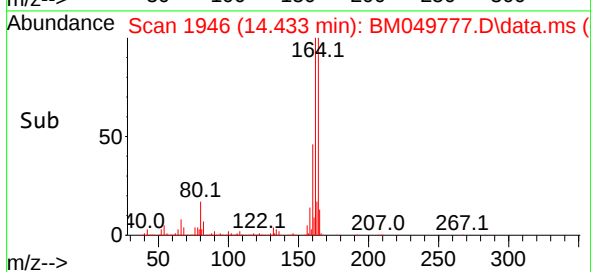
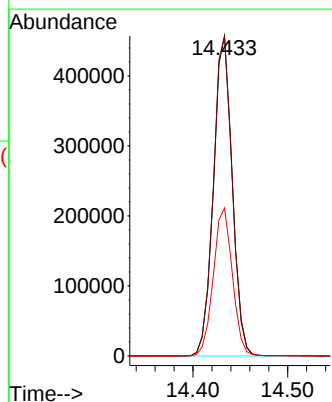
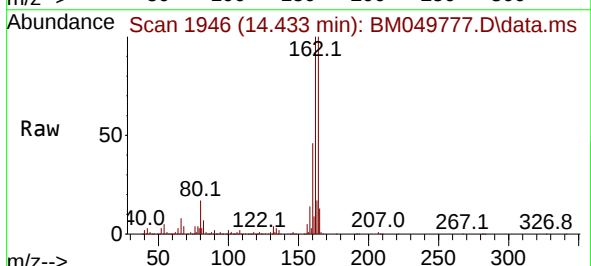
Tgt Ion:164 Resp: 626906

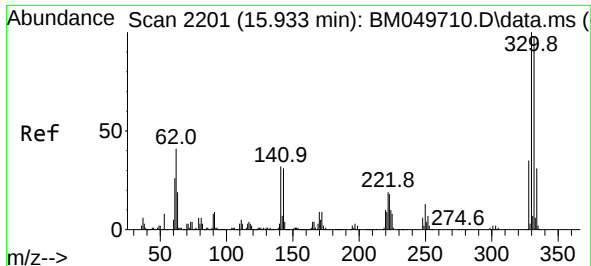
Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

160 46.3 36.9 55.3

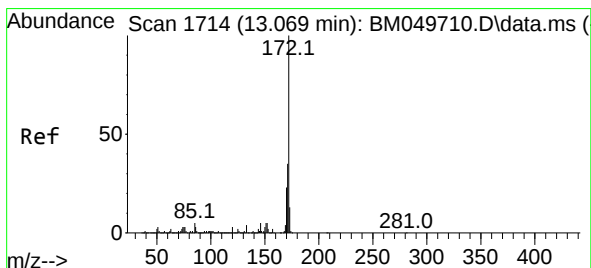
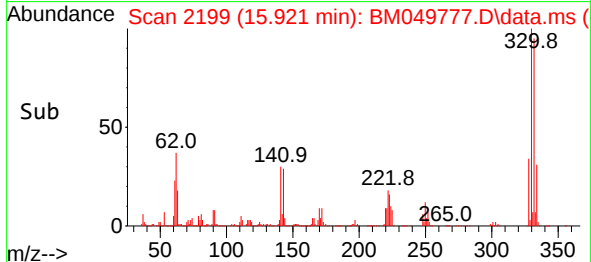
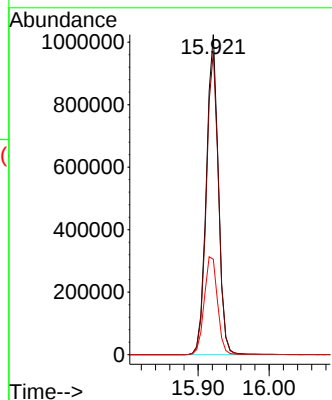
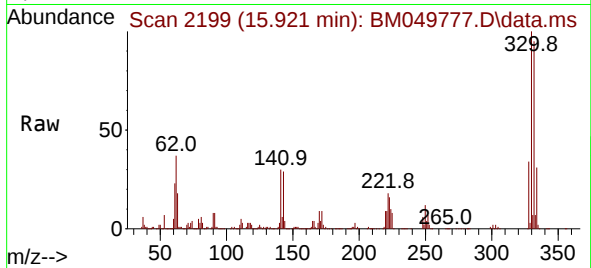




#42
2,4,6-Tribromophenol
Concen: 164.889 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049777.D
Acq: 01 Apr 2025 16:48

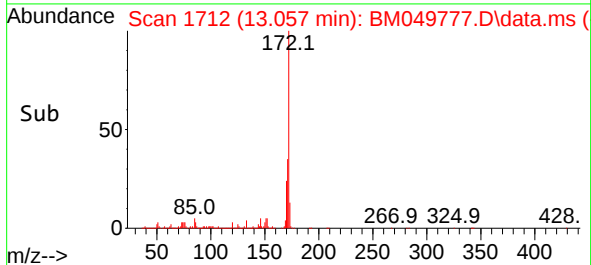
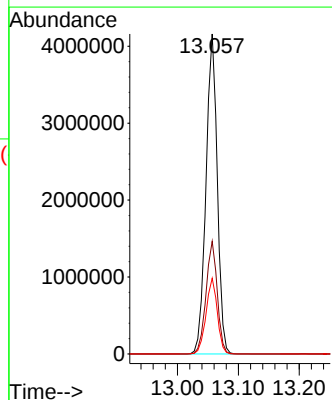
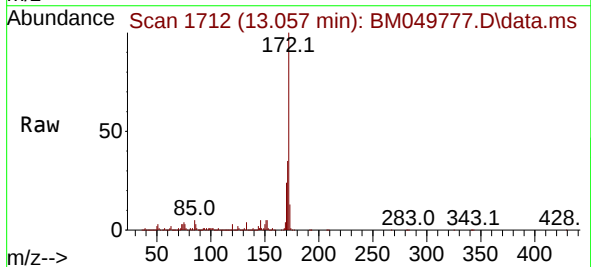
Instrument :
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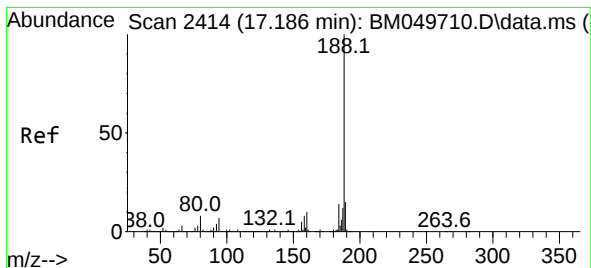
Tgt Ion:330 Resp: 1207051
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 33.9 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 106.835 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049777.D
Acq: 01 Apr 2025 16:48

Tgt Ion:172 Resp: 5347845
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM049777.D

Acq: 01 Apr 2025 16:48

Instrument :

BNA_M

ClientSampleId :

TP-9

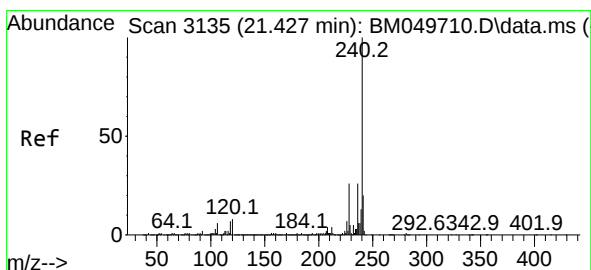
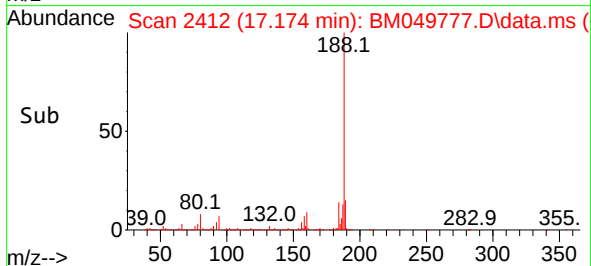
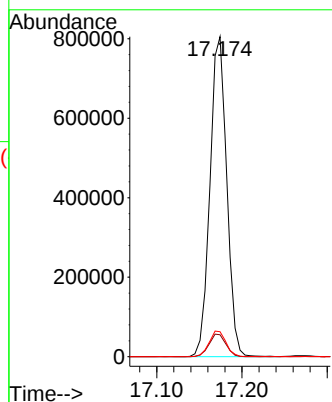
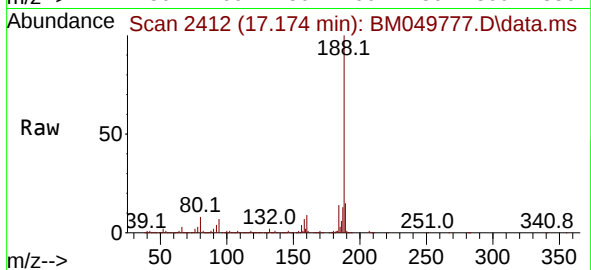
Tgt Ion:188 Resp: 1099906

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 7.8 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: BM049777.D

Acq: 01 Apr 2025 16:48

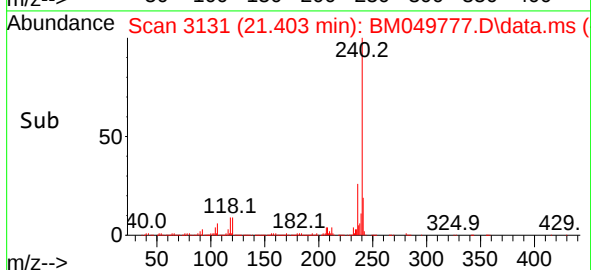
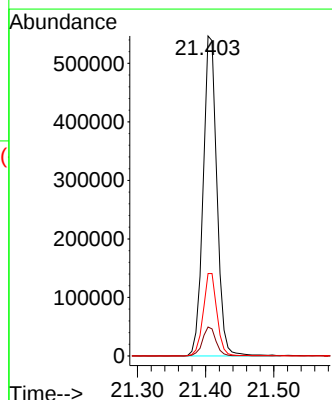
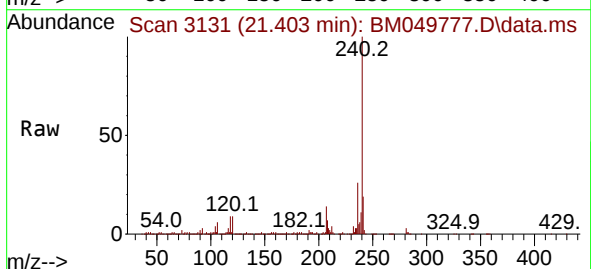
Tgt Ion:240 Resp: 767632

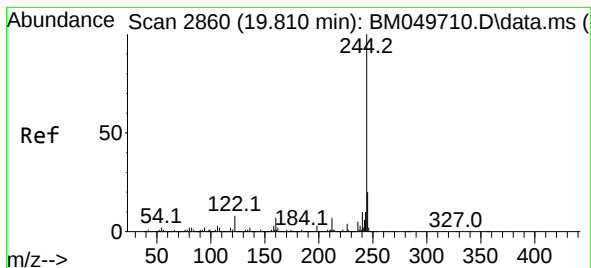
Ion Ratio Lower Upper

240 100

120 9.0 6.5 9.7

236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 142.270 ng

RT: 19.798 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049777.D

Acq: 01 Apr 2025 16:48

Instrument :

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TP-9

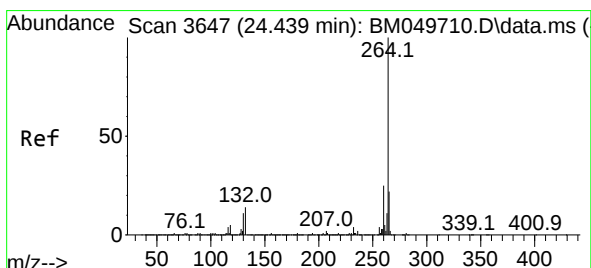
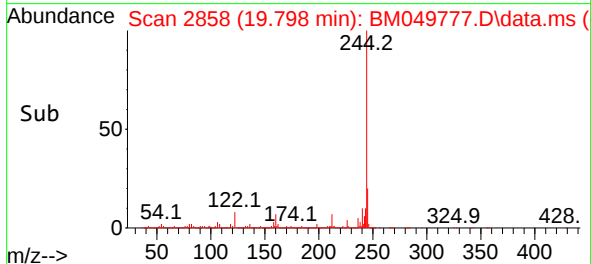
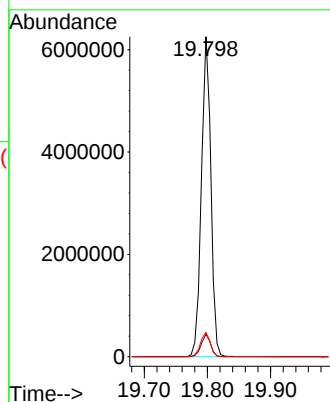
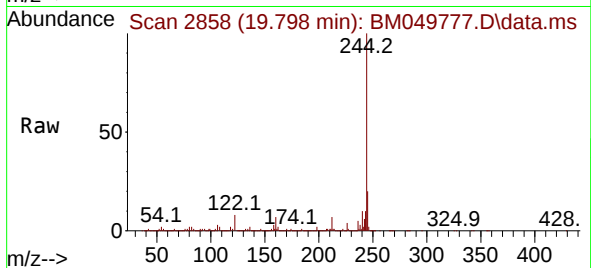
Tgt Ion:244 Resp: 6480882

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049777.D

Acq: 01 Apr 2025 16:48

Tgt Ion:264 Resp: 720807

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.3 18.2 27.2

