

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049774.D
 Acq On : 01 Apr 2025 14:51
 Operator : RC/JU
 Sample : Q1674-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT5358

Quant Time: Apr 01 15:26:56 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	338581	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1223177	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	845428	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1748399	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1508586	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1277878	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3156944	157.327	ng	0.00
7) Phenol-d6	6.969	99	3687231	146.424	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2659479	111.629	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	2166555	219.463	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7181741	106.387	ng	-0.01
79) Terphenyl-d14	19.797	244	11405118	127.398	ng	-0.01

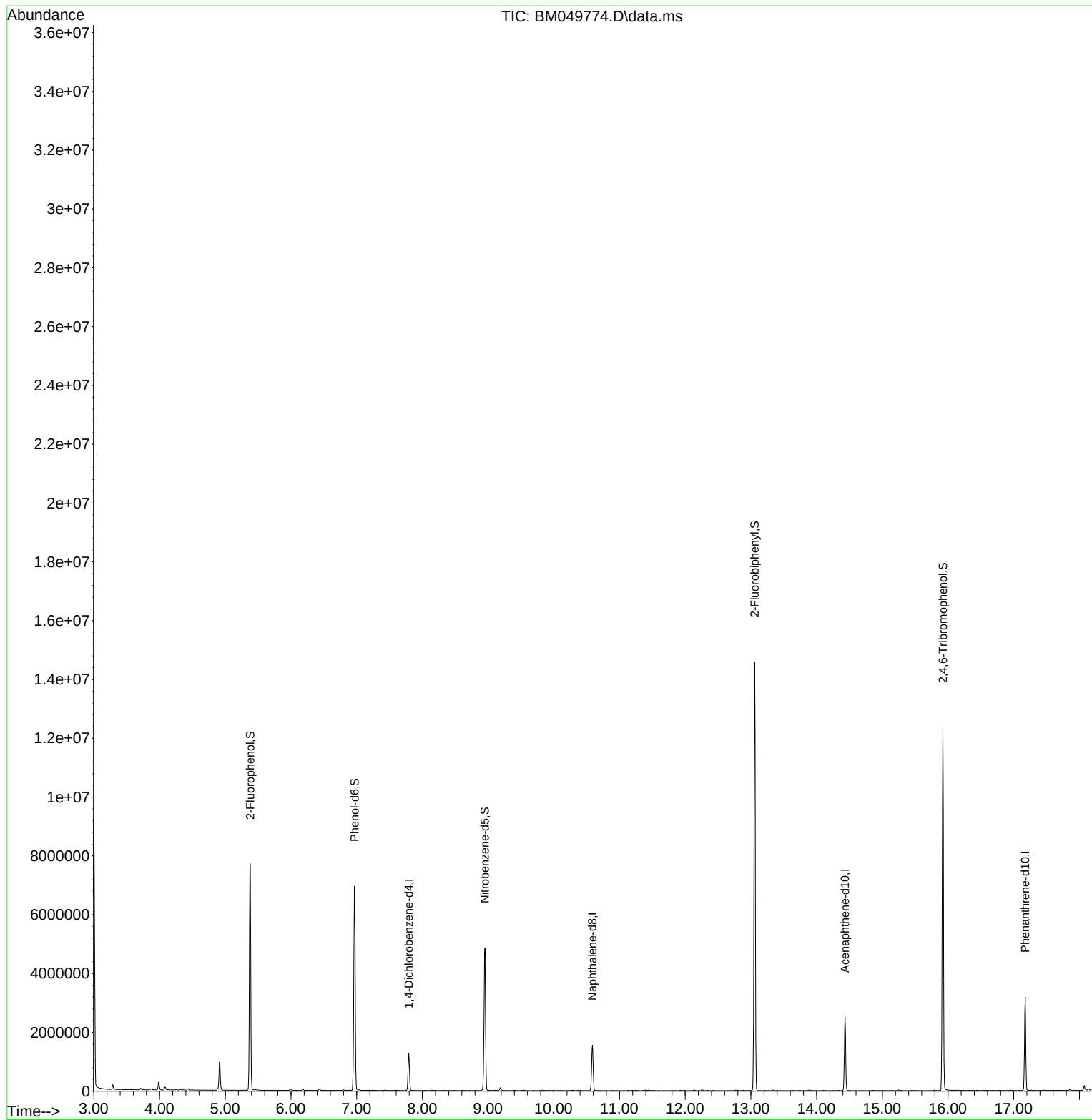
Target Compounds	Qvalue

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

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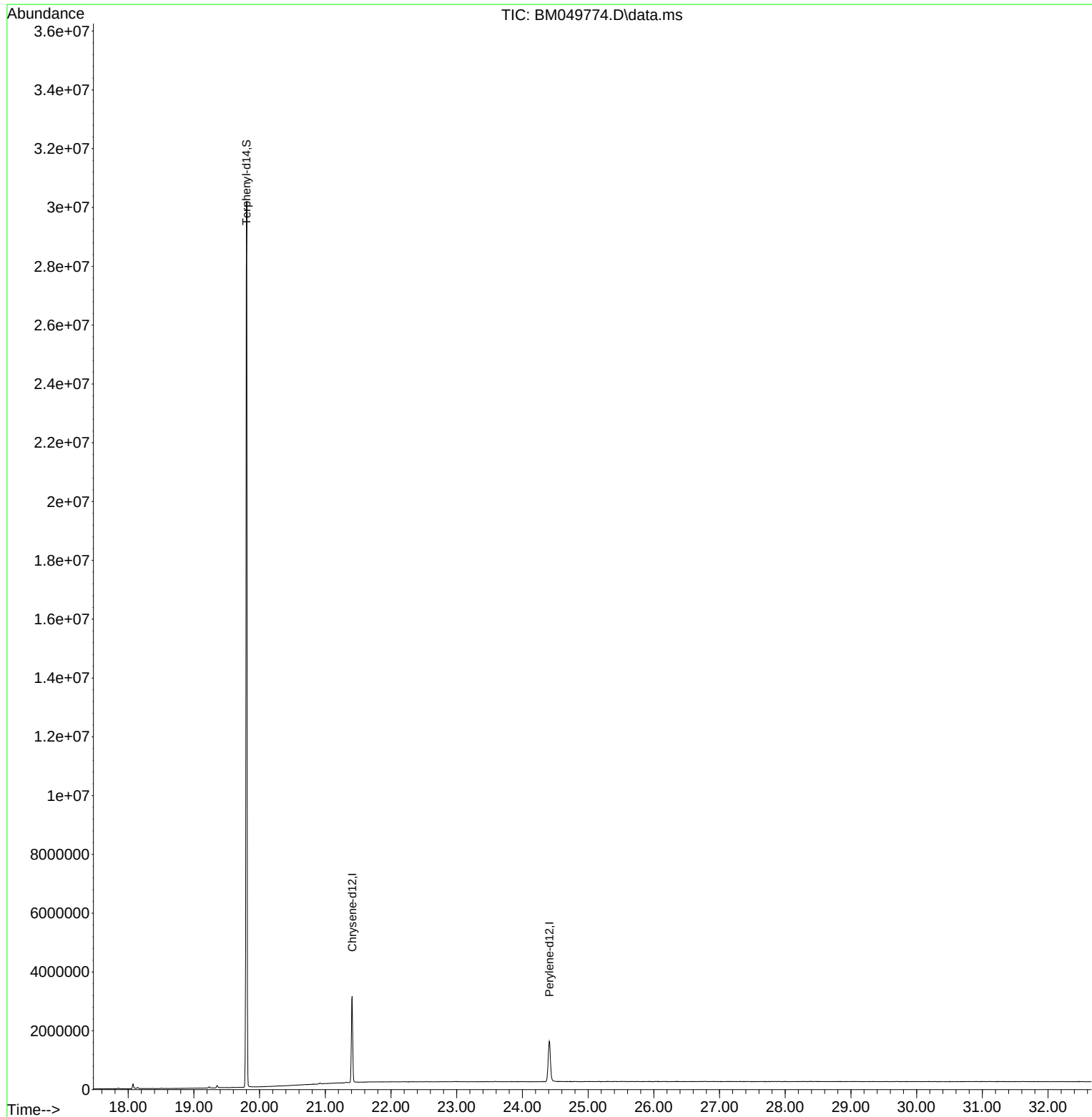
Quant Time: Apr 01 15:26:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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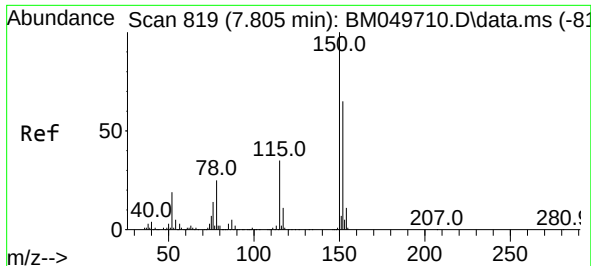


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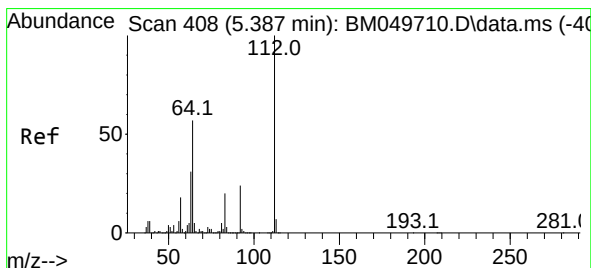
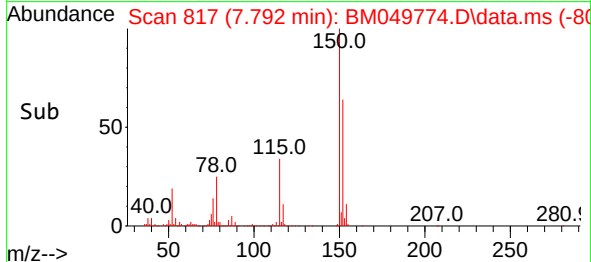
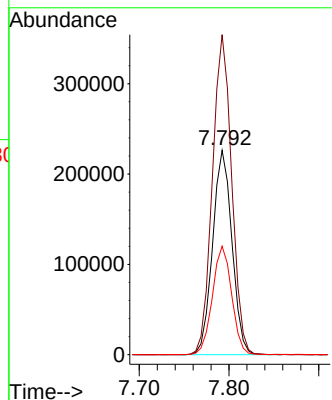
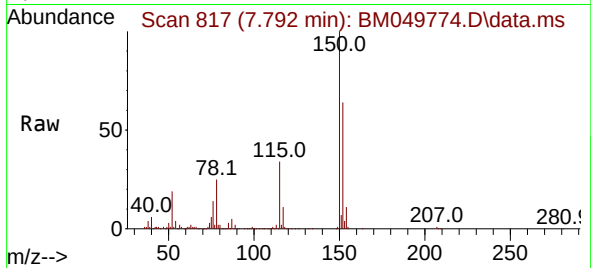




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049774.D
Acq: 01 Apr 2025 14:51

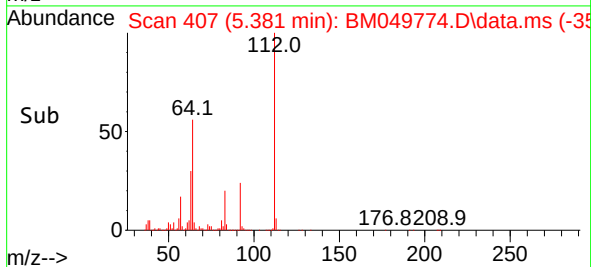
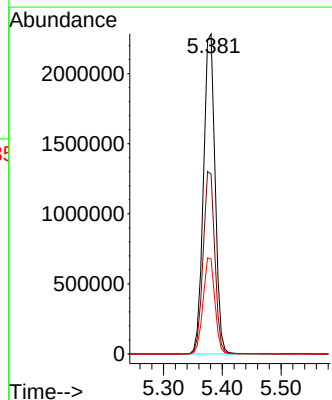
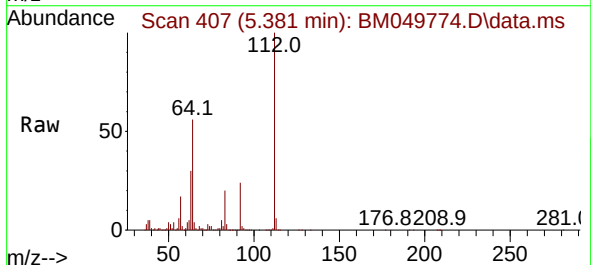
Instrument :
BNA_M
ClientSampleId :
RT5358

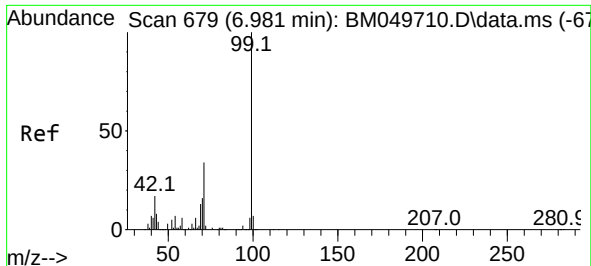
Tgt Ion:152 Resp: 338581
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.8
115 53.1 43.0 64.6



#5
2-Fluorophenol
Concen: 157.327 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM049774.D
Acq: 01 Apr 2025 14:51

Tgt Ion:112 Resp: 3156944
Ion Ratio Lower Upper
112 100
64 56.2 45.3 67.9
63 29.6 24.4 36.6

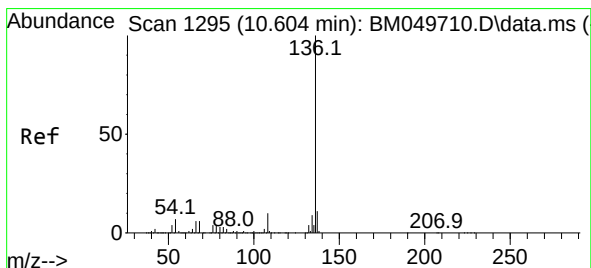
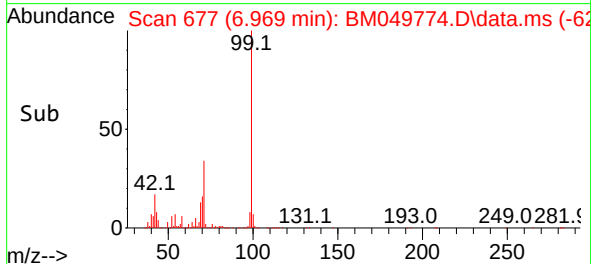
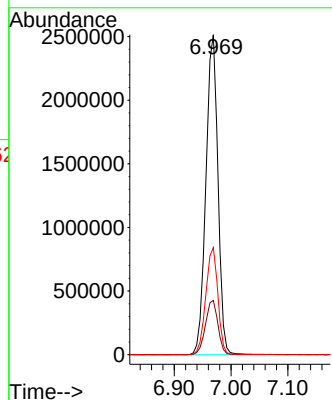
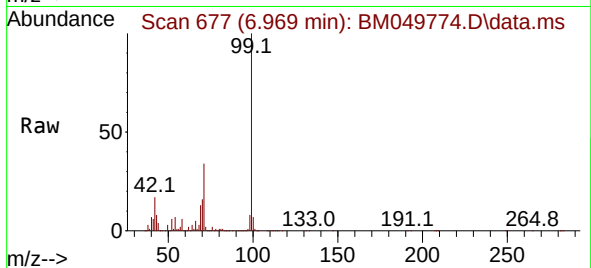




#7
Phenol-d6
Concen: 146.424 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049774.D
Acq: 01 Apr 2025 14:51

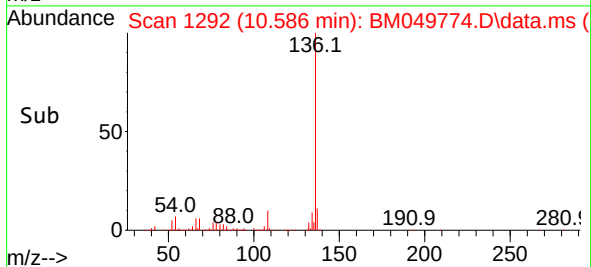
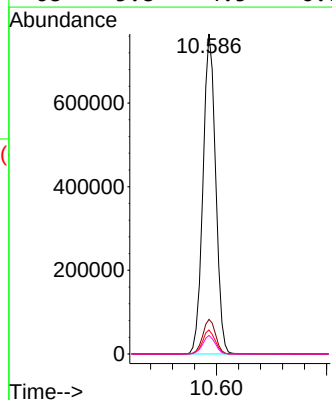
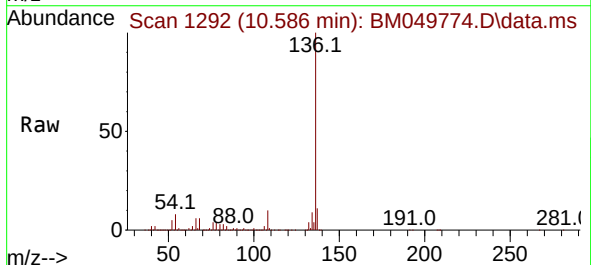
Instrument :
BNA_M
ClientSampleId :
RT5358

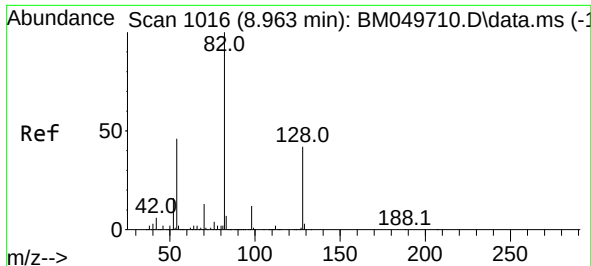
Tgt Ion: 99 Resp: 3687231
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 33.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049774.D
Acq: 01 Apr 2025 14:51

Tgt Ion: 136 Resp: 1223177
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.5 5.8 8.8
68 5.8 4.5 6.7

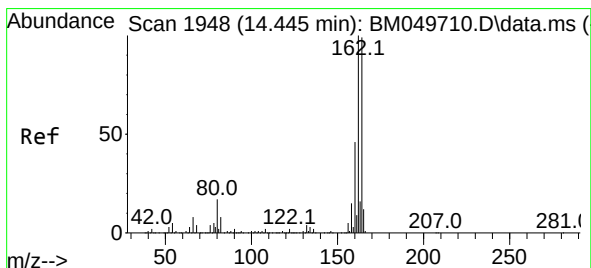
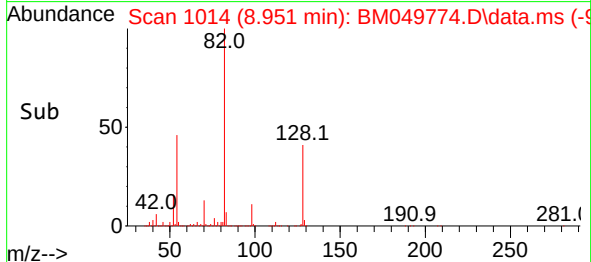
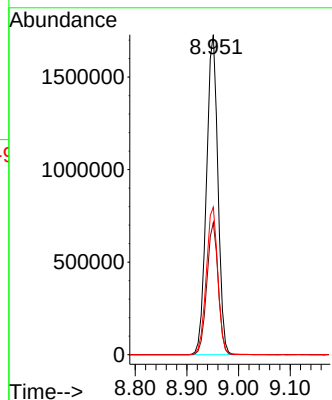
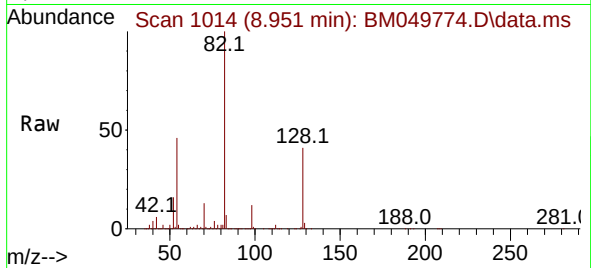




#23
Nitrobenzene-d5
Concen: 111.629 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM049774.D
Acq: 01 Apr 2025 14:51

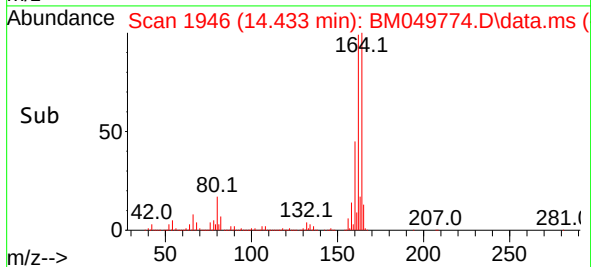
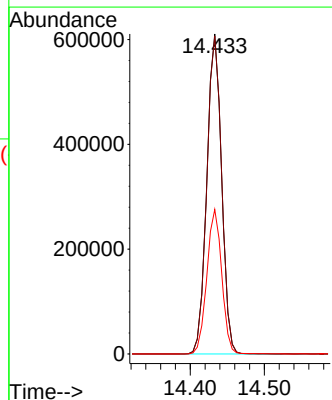
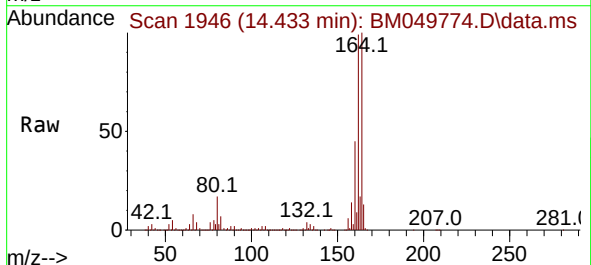
Instrument :
BNA_M
ClientSampleId :
RT5358

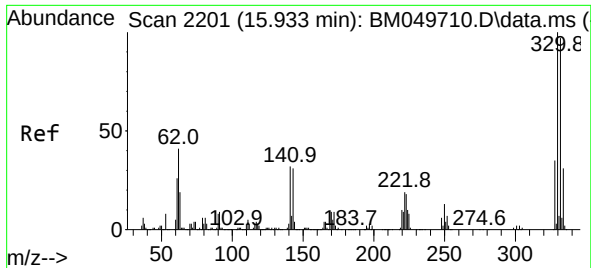
Tgt Ion: 82 Resp: 2659479
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.0
54 46.1 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049774.D
Acq: 01 Apr 2025 14:51

Tgt Ion:164 Resp: 845428
Ion Ratio Lower Upper
164 100
162 99.4 80.5 120.7
160 45.2 36.9 55.3

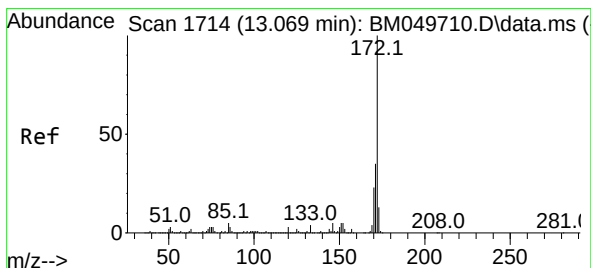
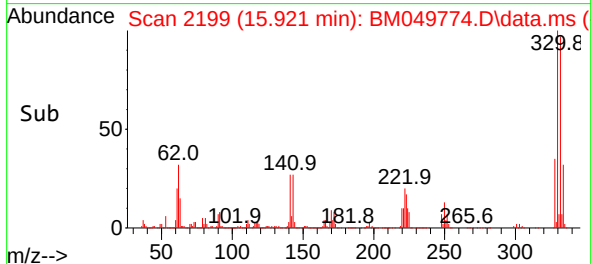
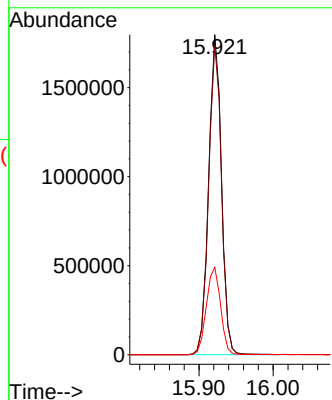
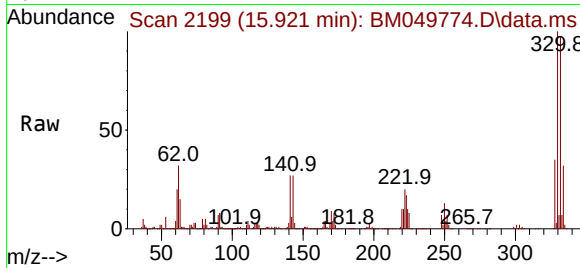




#42
 2,4,6-Tribromophenol
 Concen: 219.463 ng
 RT: 15.921 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049774.D
 Acq: 01 Apr 2025 14:51

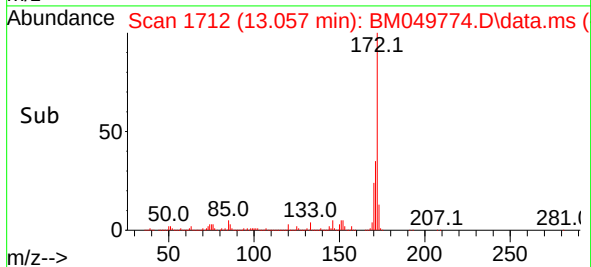
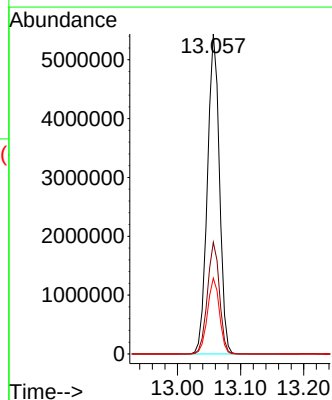
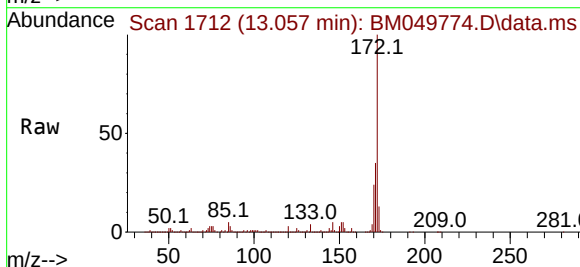
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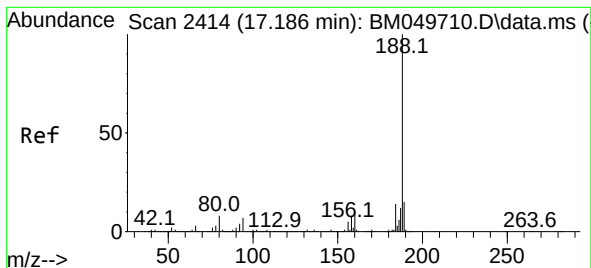
Tgt Ion:330 Resp: 2166555
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.4
 141 30.1 27.8 41.6



#45
 2-Fluorobiphenyl
 Concen: 106.387 ng
 RT: 13.057 min Scan# 1712
 Delta R.T. -0.012 min
 Lab File: BM049774.D
 Acq: 01 Apr 2025 14:51

Tgt Ion:172 Resp: 7181741
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 23.7 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: BM049774.D

Acq: 01 Apr 2025 14:51

Instrument :

BNA_M

ClientSampleId :

RT5358

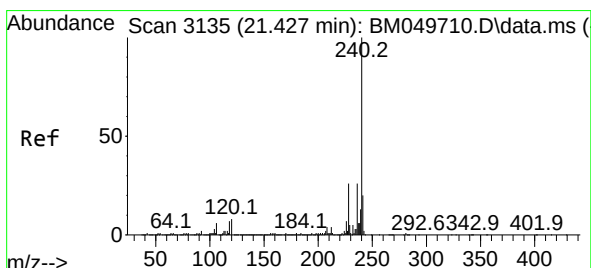
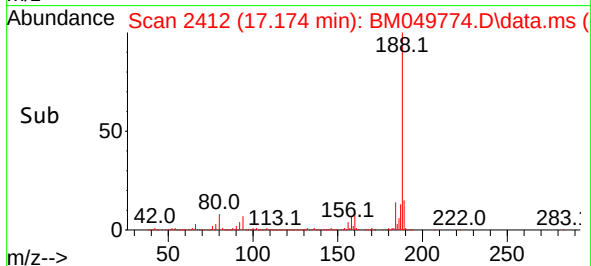
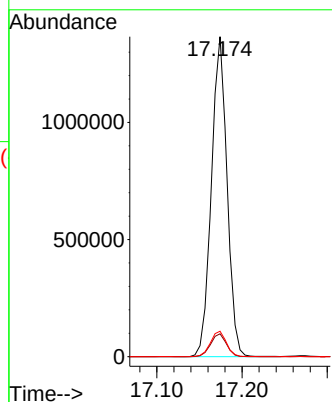
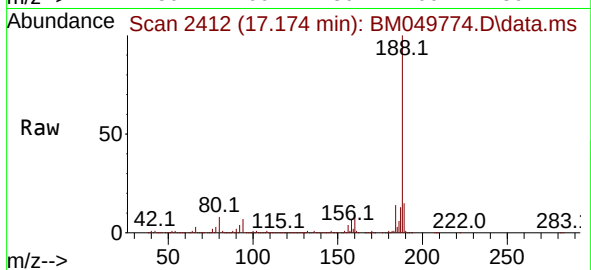
Tgt Ion:188 Resp: 1748399

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.018 min

Lab File: BM049774.D

Acq: 01 Apr 2025 14:51

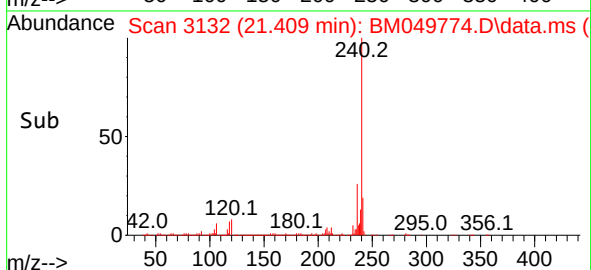
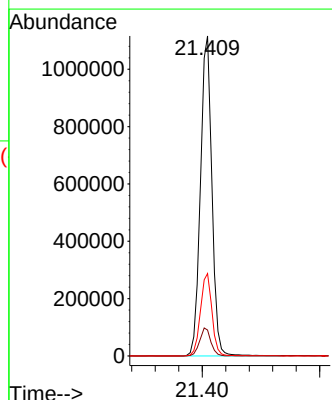
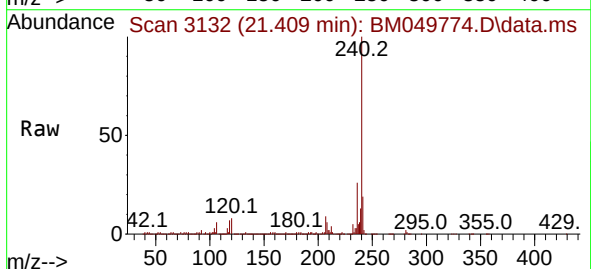
Tgt Ion:240 Resp: 1508586

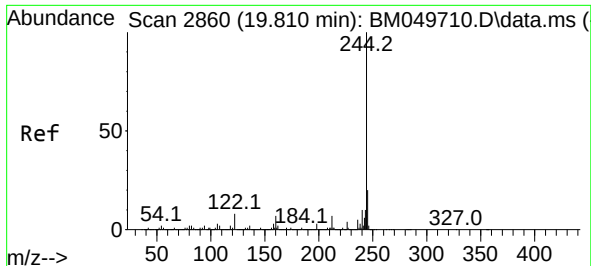
Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

236 25.7 20.7 31.1

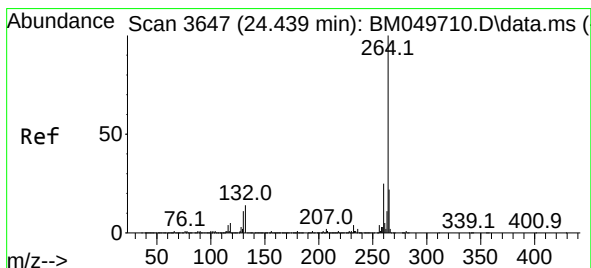
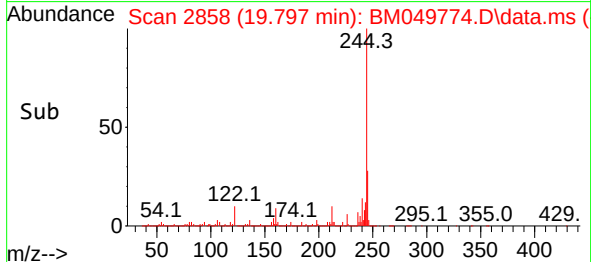
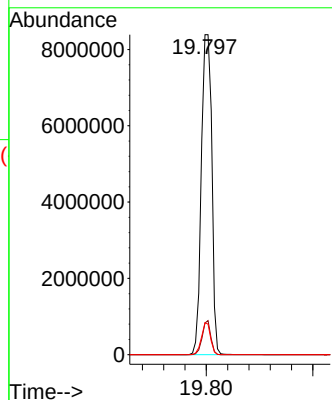
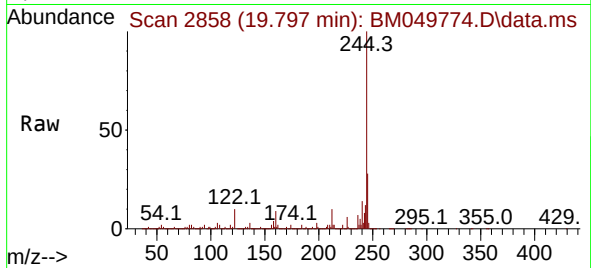




#79
 Terphenyl-d14
 Concen: 127.398 ng
 RT: 19.797 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049774.D
 Acq: 01 Apr 2025 14:51

Instrument :
 BNA_M
 ClientSampleId :
 RT5358

Tgt Ion:244 Resp:11405118
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.8 8.6#
 122 10.0 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: BM049774.D
 Acq: 01 Apr 2025 14:51

Tgt Ion:264 Resp: 1277878
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 22.4 18.2 27.2

