

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049770.D
 Acq On : 01 Apr 2025 12:15
 Operator : RC/JU
 Sample : Q1672-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Quant Time: Apr 01 12:57:54 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	322537	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1098091	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	667617	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1169902	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	839213	20.000	ng	-0.02
86) Perylene-d12	24.409	264	776759	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3052572	159.693	ng	0.00
7) Phenol-d6	6.969	99	3678927	153.361	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2312863	108.139	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	1407034	180.487	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5618873	105.404	ng	-0.01
79) Terphenyl-d14	19.797	244	7170132	143.975	ng	-0.01

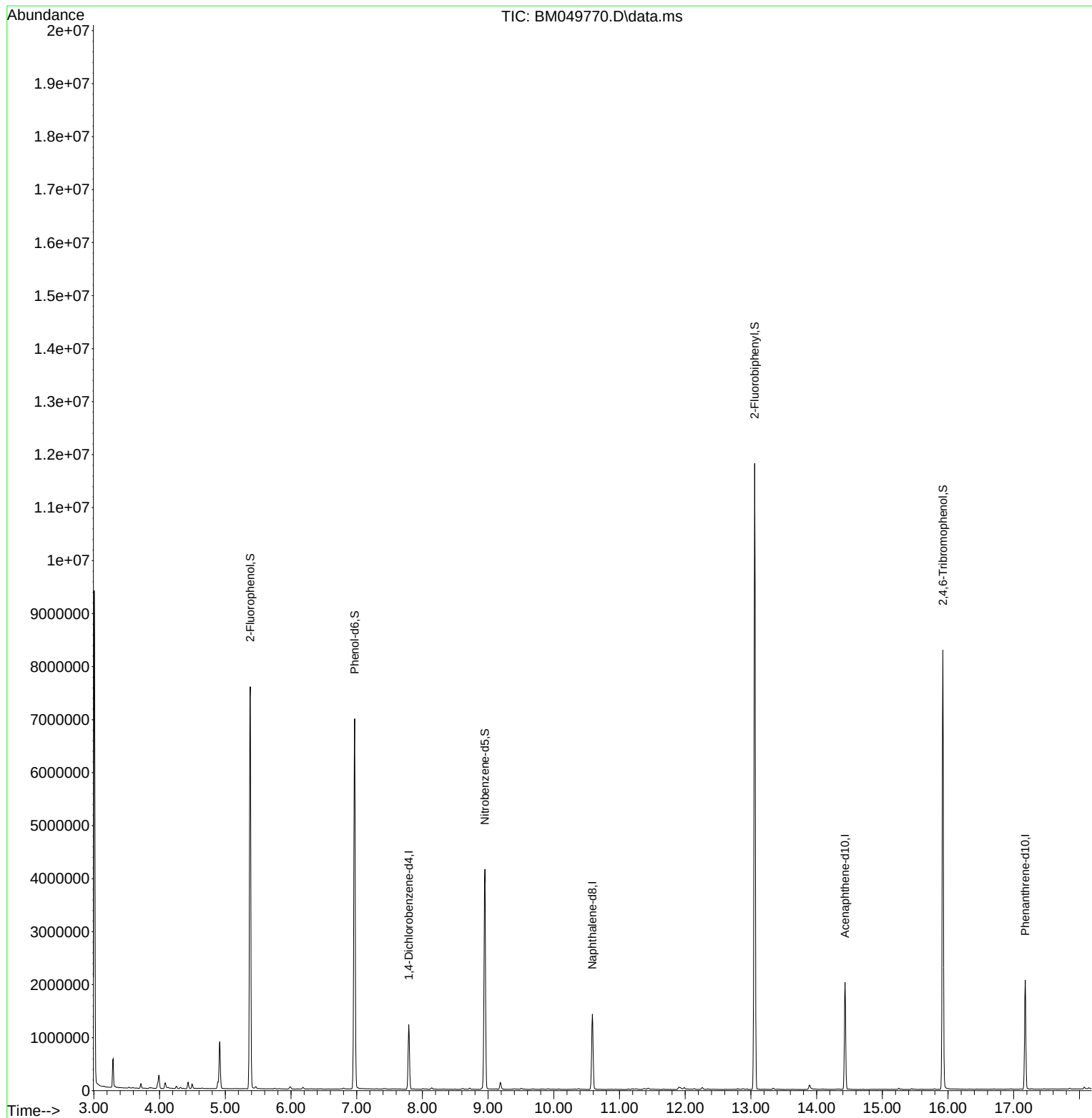
Target Compounds	Qvalue

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

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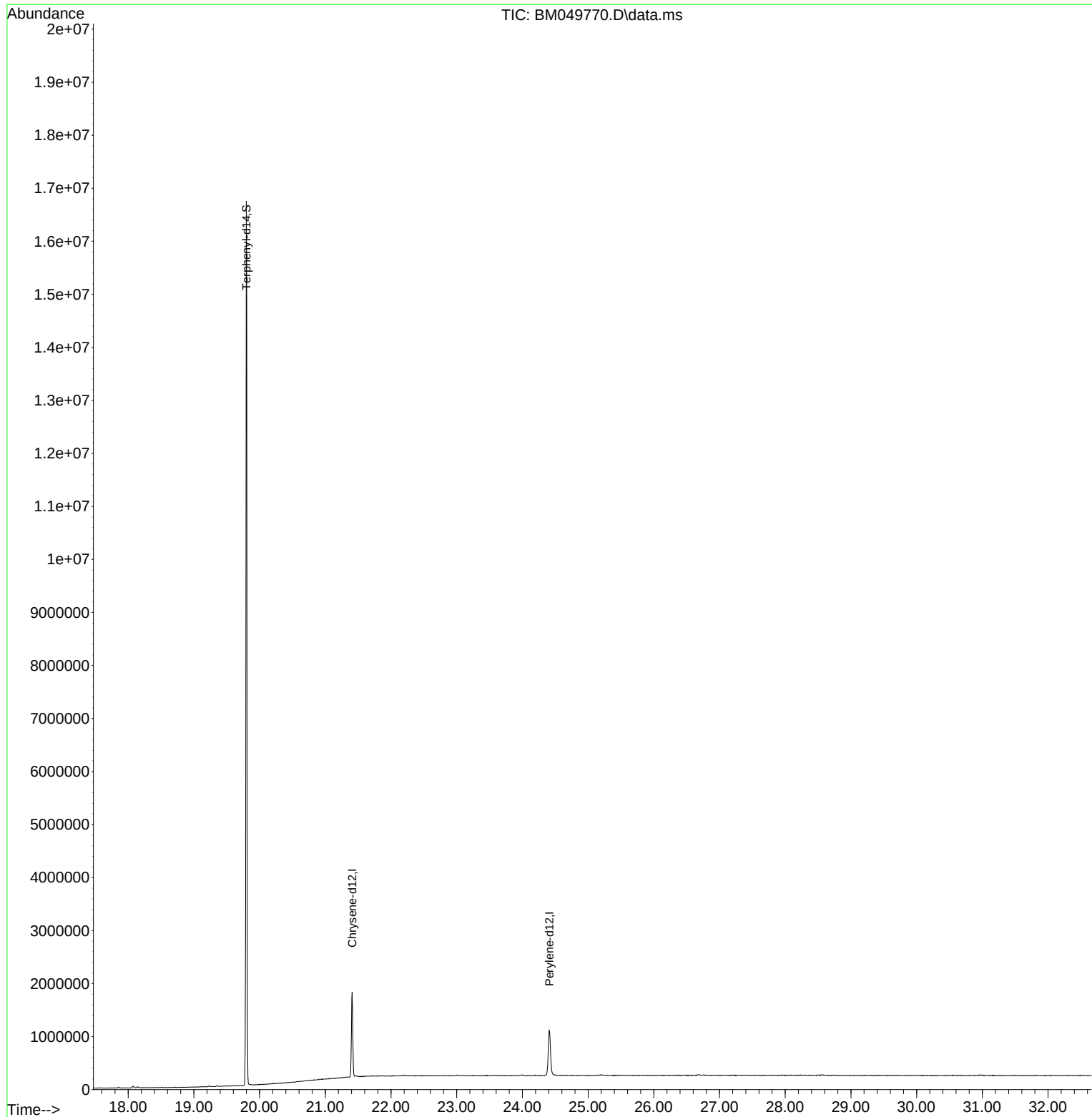
Quant Time: Apr 01 12:57:54 2025
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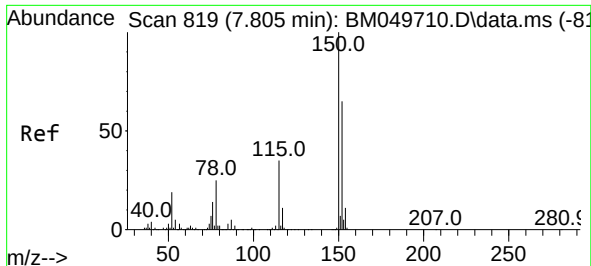


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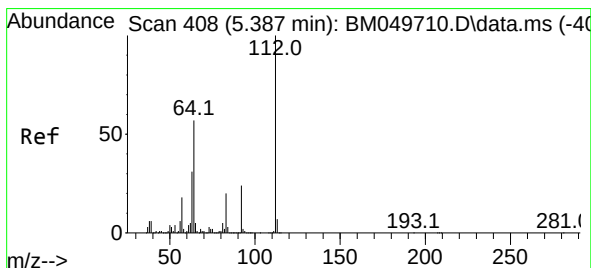
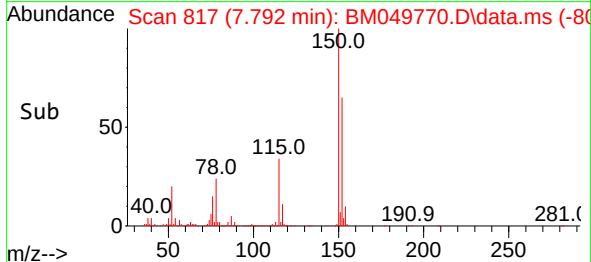
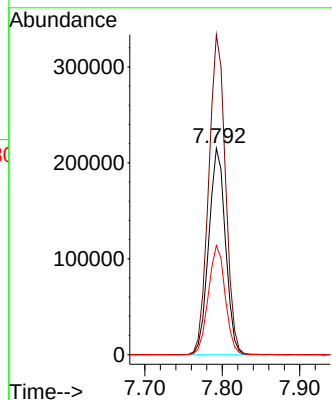
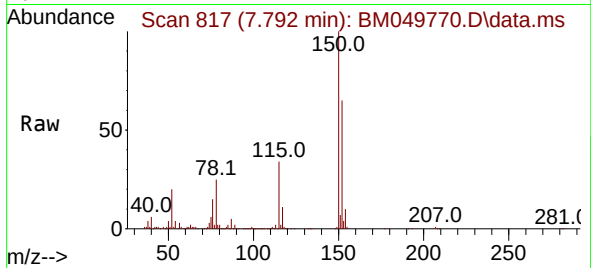




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

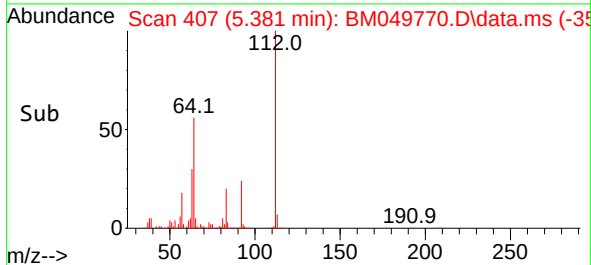
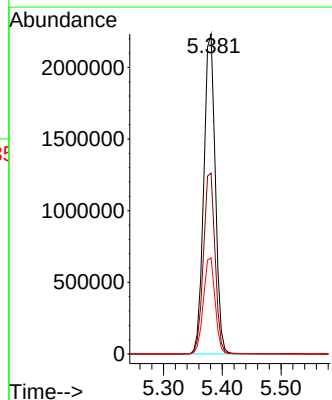
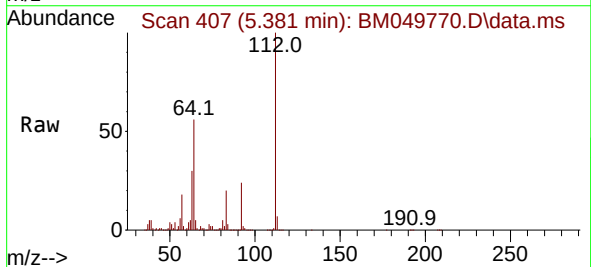
Instrument :
BNA_M
ClientSampleId :
TP-8

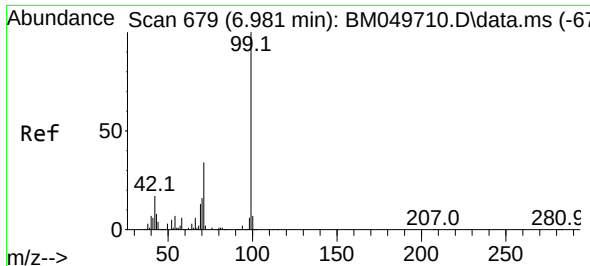
Tgt Ion:152 Resp: 322537
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.8
115 52.9 43.0 64.6



#5
2-Fluorophenol
Concen: 159.693 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

Tgt Ion:112 Resp: 3052572
Ion Ratio Lower Upper
112 100
64 56.5 45.3 67.9
63 30.0 24.4 36.6

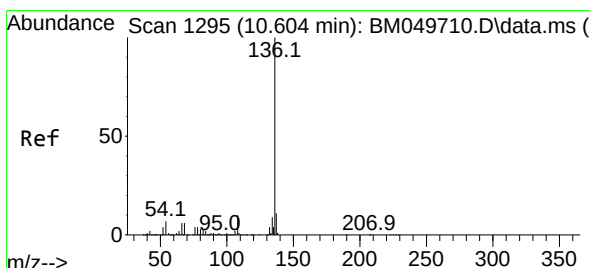
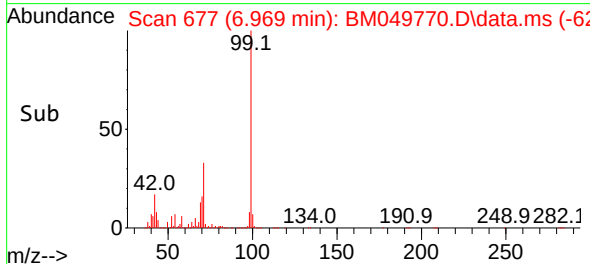
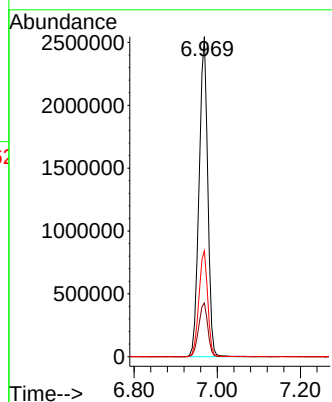
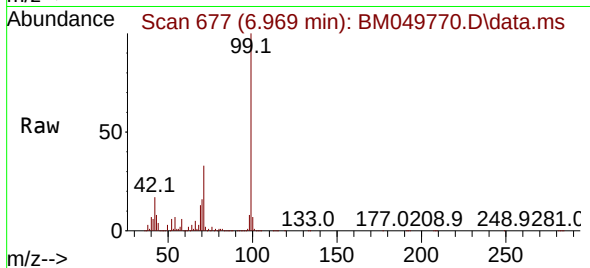




#7
Phenol-d6
Concen: 153.361 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

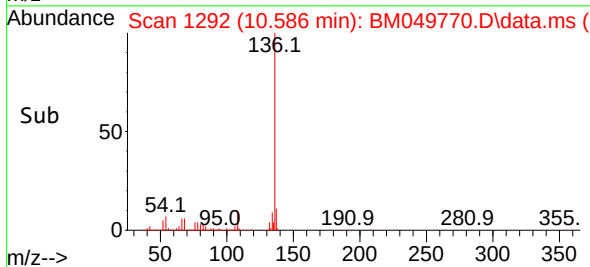
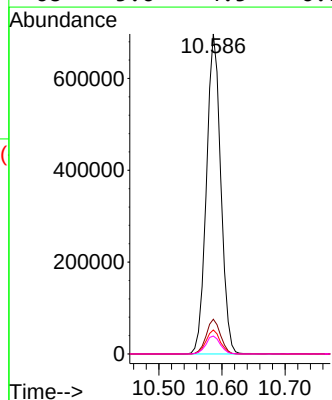
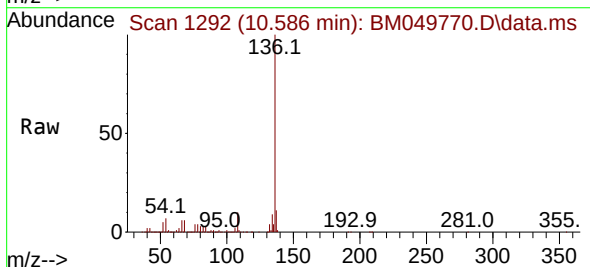
Instrument :
BNA_M
ClientSampleId :
TP-8

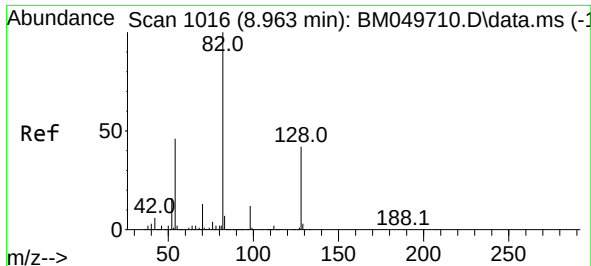
Tgt Ion: 99 Resp: 3678927
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 33.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

Tgt Ion: 136 Resp: 1098091
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.5 5.8 8.8
68 5.6 4.5 6.7

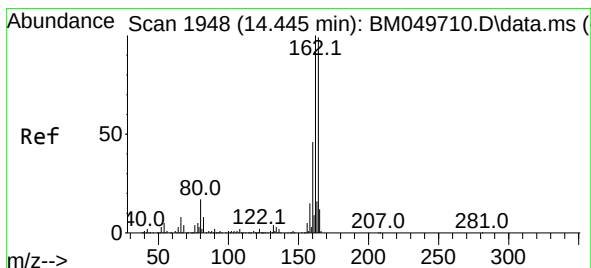
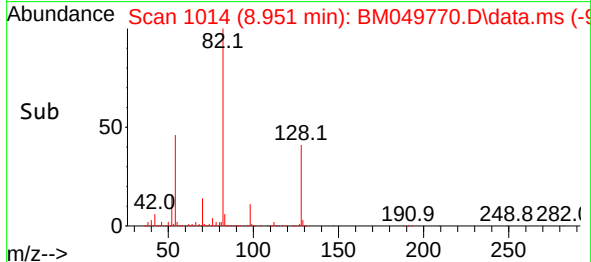
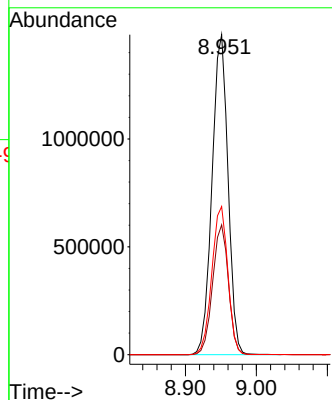
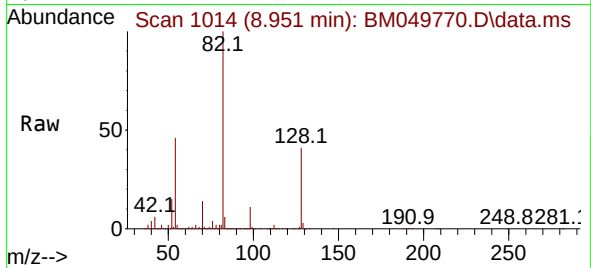




#23
Nitrobenzene-d5
Concen: 108.139 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

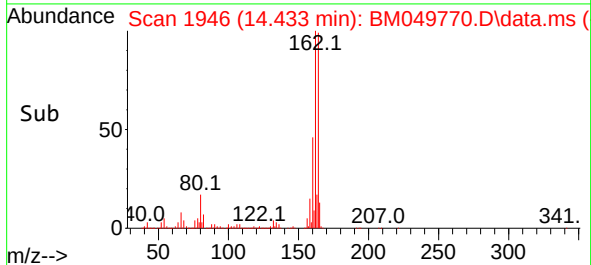
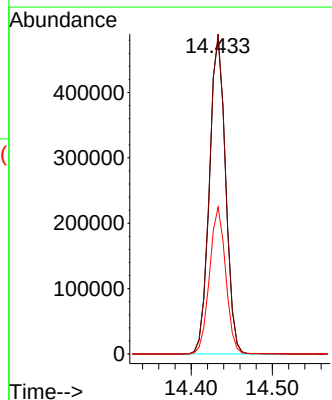
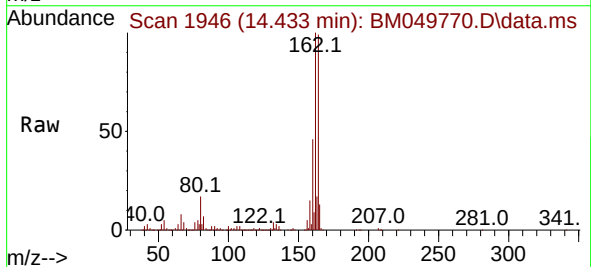
Instrument :
BNA_M
ClientSampleId :
TP-8

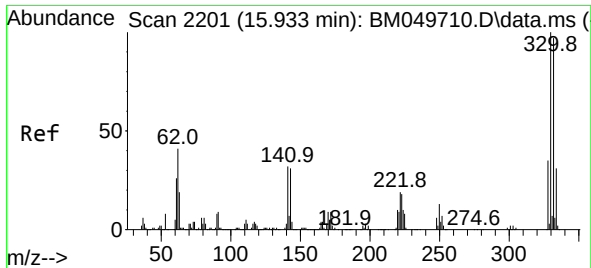
Tgt Ion: 82 Resp: 2312863
Ion Ratio Lower Upper
82 100
128 40.6 33.4 50.0
54 46.3 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

Tgt Ion:164 Resp: 667617
Ion Ratio Lower Upper
164 100
162 101.4 80.5 120.7
160 46.6 36.9 55.3

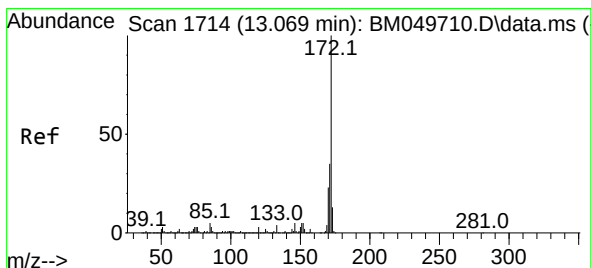
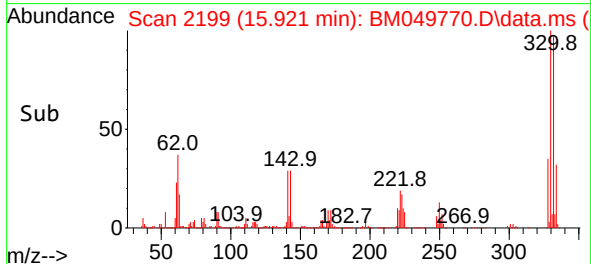
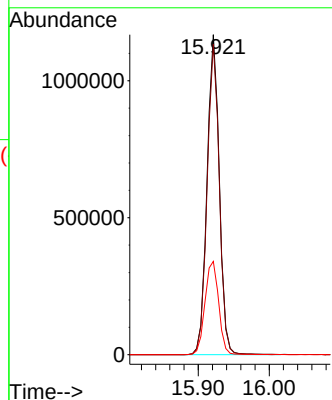
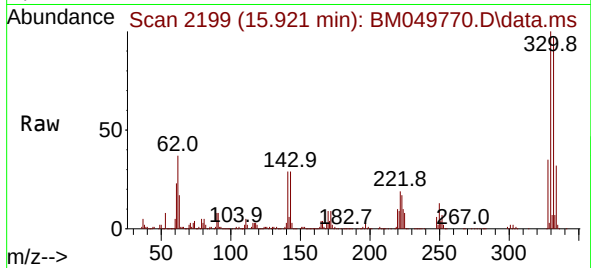




#42
2,4,6-Tribromophenol
Concen: 180.487 ng
RT: 15.921 min Scan# 21199
Delta R.T. -0.012 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

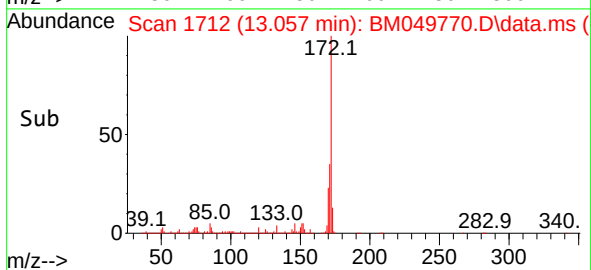
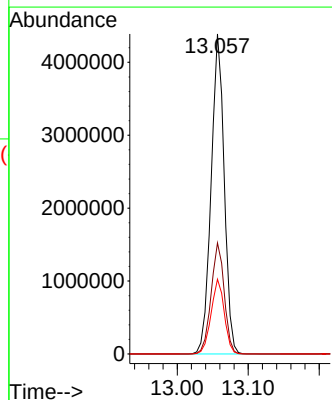
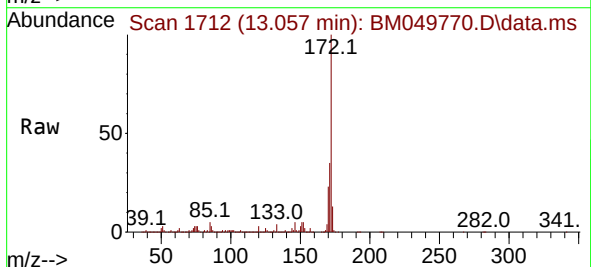
Instrument :
BNA_M
ClientSampleId :
TP-8

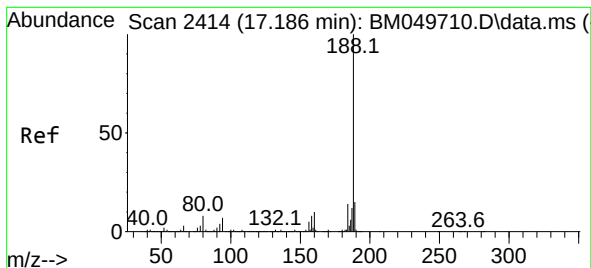
Tgt Ion:330 Resp: 1407034
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 32.6 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 105.404 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049770.D
Acq: 01 Apr 2025 12:15

Tgt Ion:172 Resp: 5618873
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BM049770.D

Acq: 01 Apr 2025 12:15

Instrument :

BNA_M

ClientSampleId :

TP-8

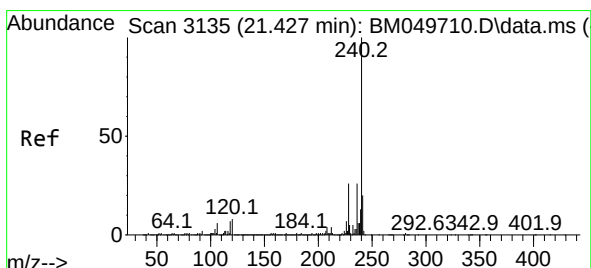
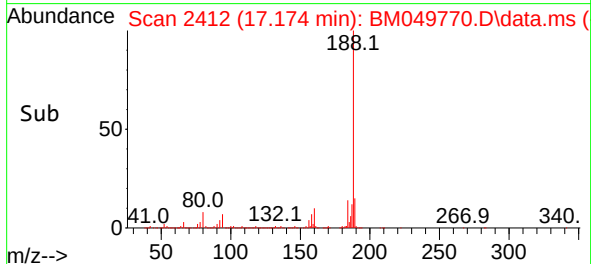
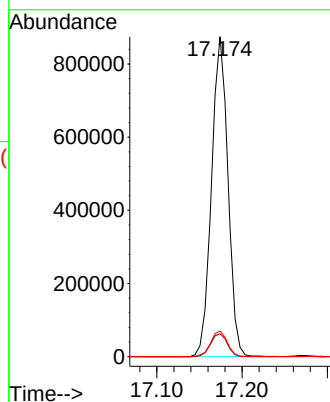
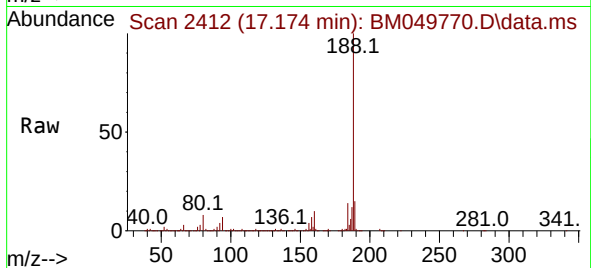
Tgt Ion:188 Resp: 1169902

Ion Ratio Lower Upper

188 100

94 7.2 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: BM049770.D

Acq: 01 Apr 2025 12:15

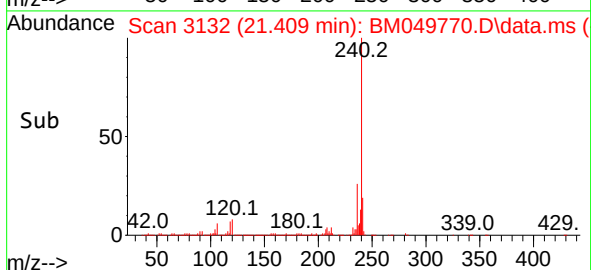
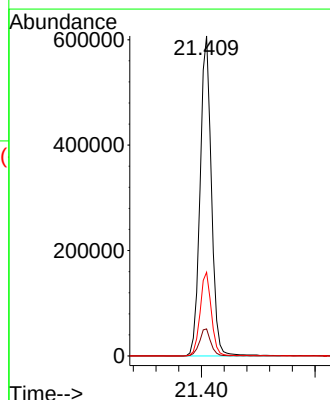
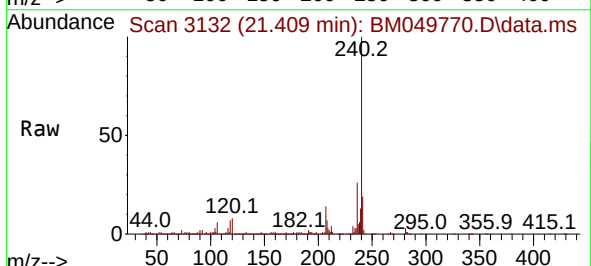
Tgt Ion:240 Resp: 839213

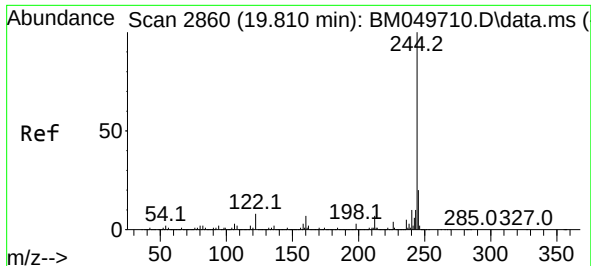
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 26.2 20.7 31.1

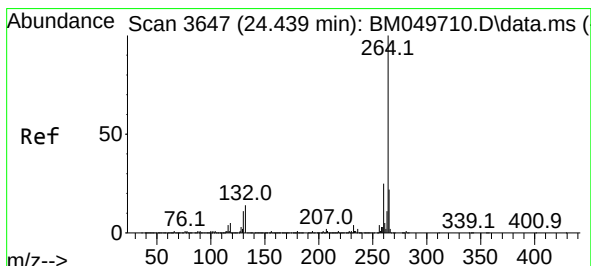
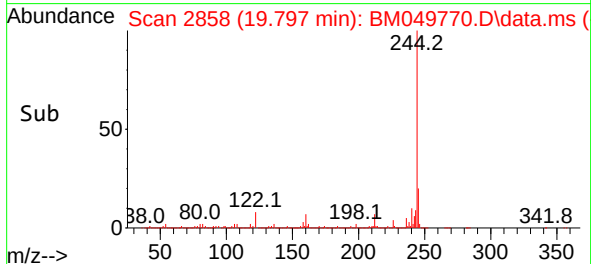
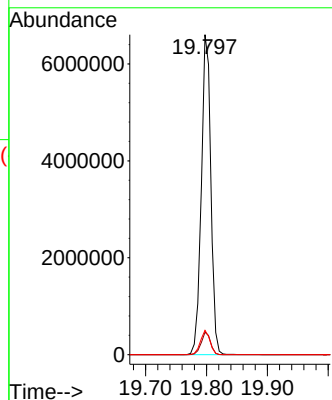
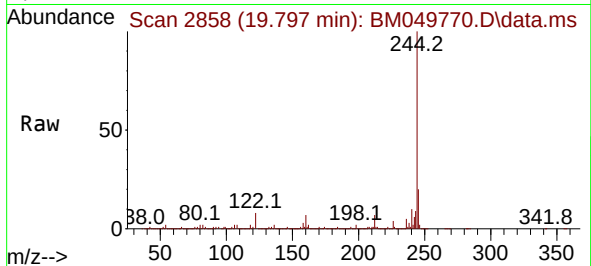




#79
 Terphenyl-d14
 Concen: 143.975 ng
 RT: 19.797 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049770.D
 Acq: 01 Apr 2025 12:15

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 7170132
 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: BM049770.D
 Acq: 01 Apr 2025 12:15

Tgt Ion:264 Resp: 776759
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 23.3 18.2 27.2

