

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049789.D
 Acq On : 02 Apr 2025 14:07
 Operator : RC/JU
 Sample : Q1680-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Apr 02 14:45:07 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)

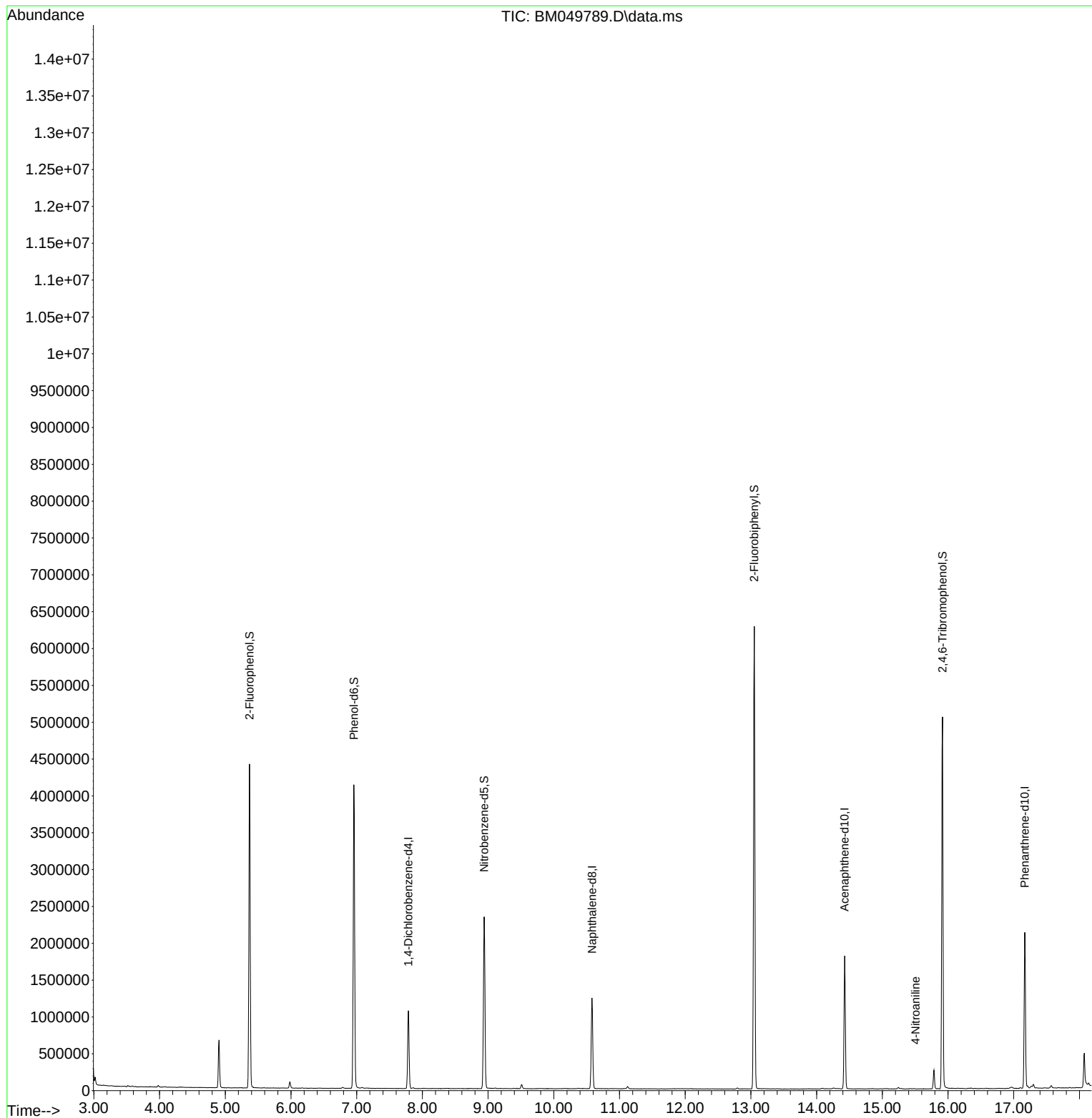
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	283645	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	957401	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	601649	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1212495	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1401093	20.000	ng	-0.02
86) Perylene-d12	24.397	264	1440719	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1725938	102.671	ng	-0.02
7) Phenol-d6	6.957	99	2157044	102.248	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1282496	68.775	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	855826	121.818	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3108434	64.704	ng	-0.02
79) Terphenyl-d14	19.792	244	5297131	63.710	ng	-0.02
Target Compounds						
62) 4-Nitroaniline	15.504	138	185	3.775	ng	Qvalue # 3

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

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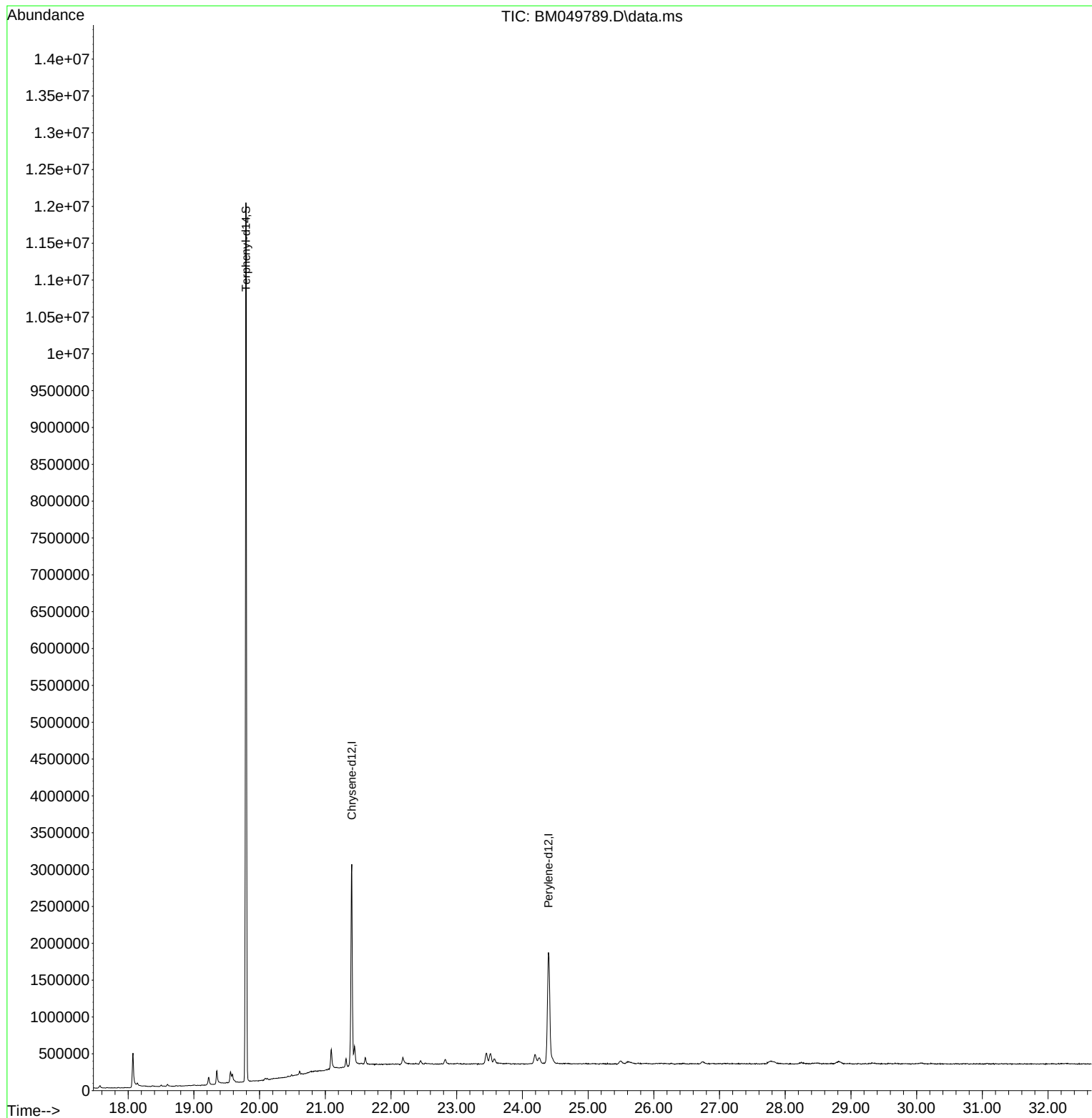
Quant Time: Apr 02 14:45:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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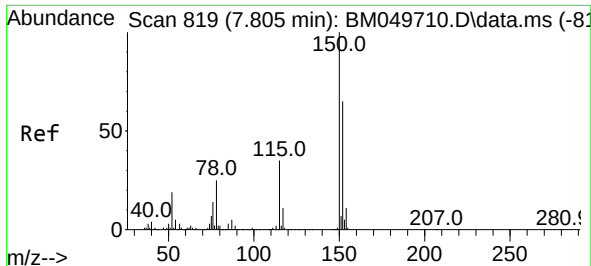


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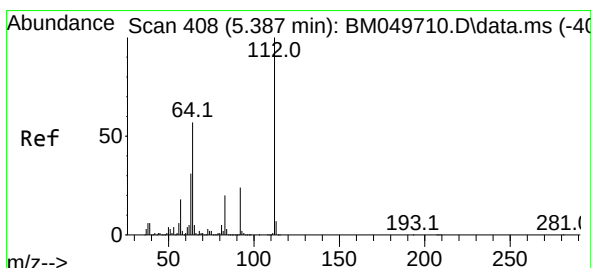
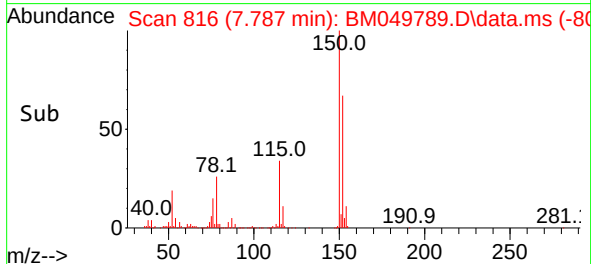
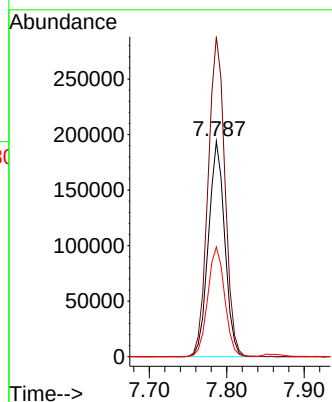
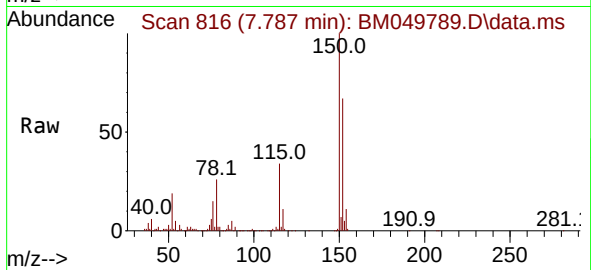




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

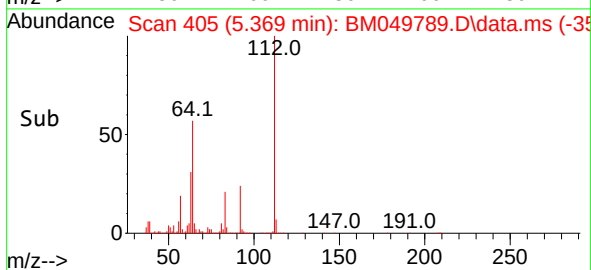
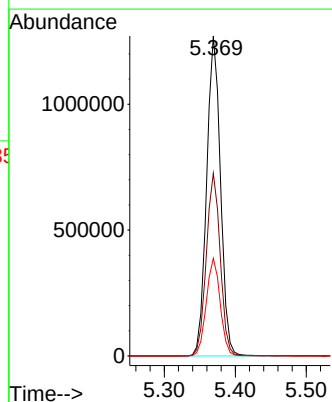
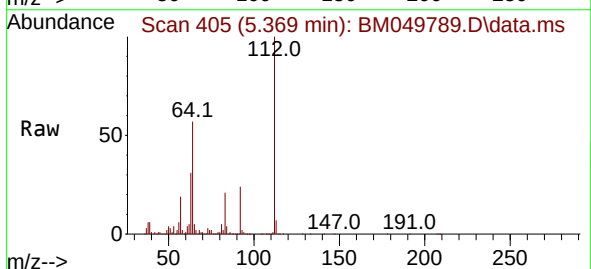
Instrument :
BNA_M
ClientSampleId :
TP-4

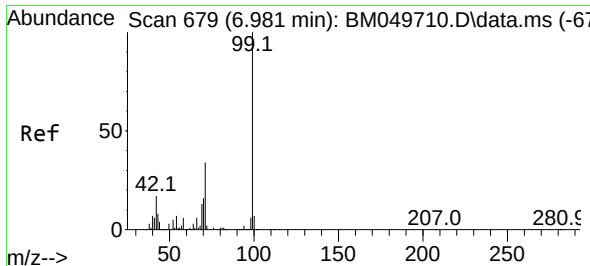
Tgt Ion:152 Resp: 283645
Ion Ratio Lower Upper
152 100
150 148.6 123.8 185.8
115 51.0 43.0 64.6



#5
2-Fluorophenol
Concen: 102.671 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

Tgt Ion:112 Resp: 1725938
Ion Ratio Lower Upper
112 100
64 57.1 45.3 67.9
63 30.5 24.4 36.6



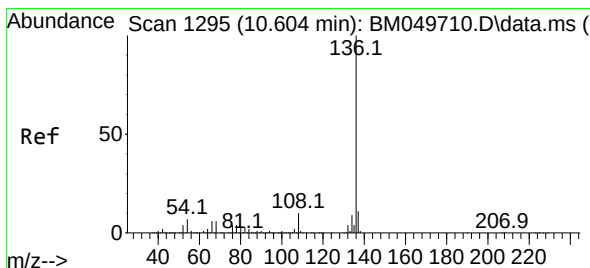
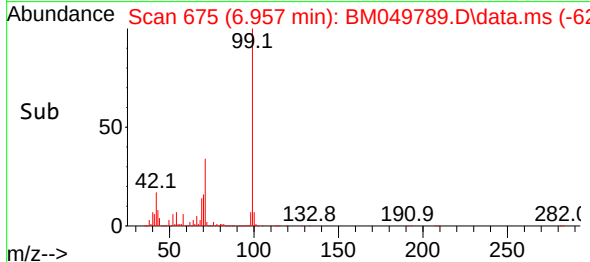
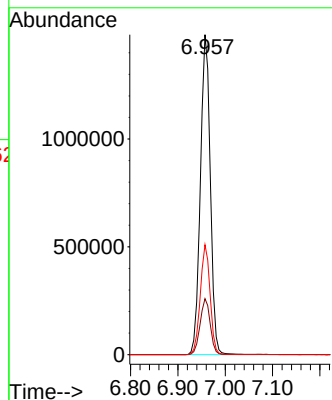
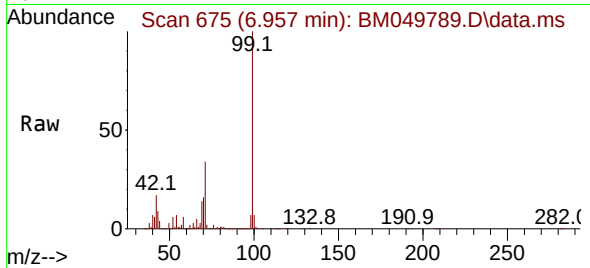


#7
Phenol-d6
Concen: 102.248 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 2157044

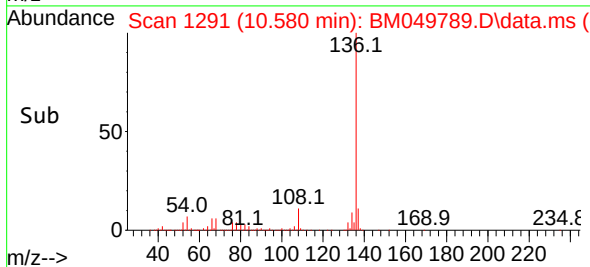
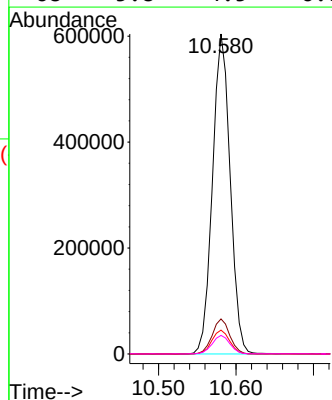
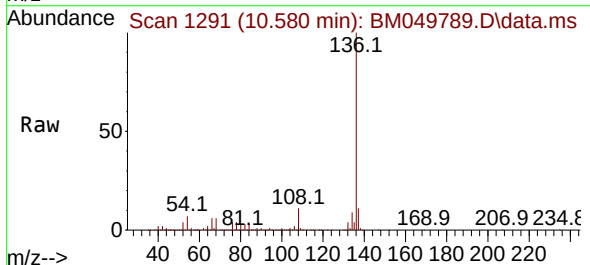
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.6	20.4
71	34.4	27.0	40.6

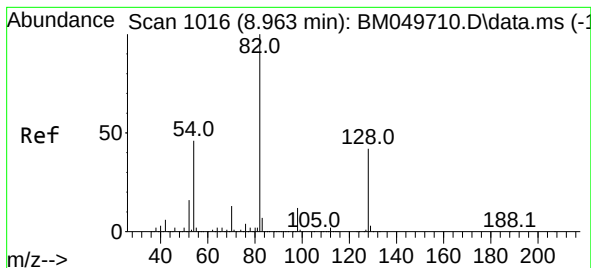


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

Tgt Ion: 136 Resp: 957401

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.5	5.8	8.8
68	5.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 68.775 ng

RT: 8.939 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049789.D

Acq: 02 Apr 2025 14:07

Instrument :

BNA_M

ClientSampleId :

TP-4

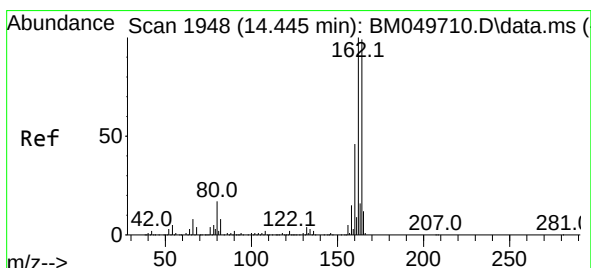
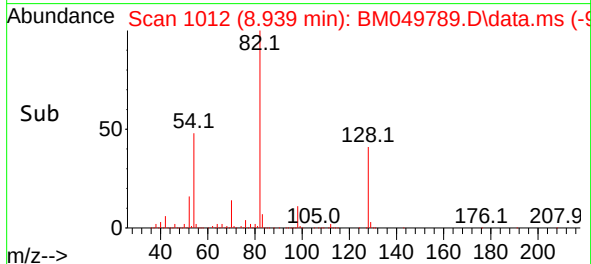
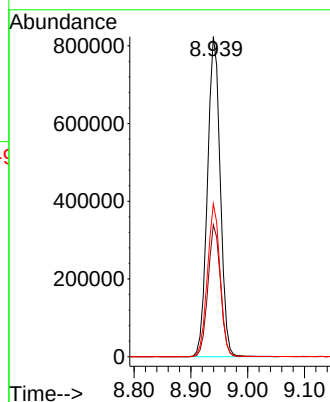
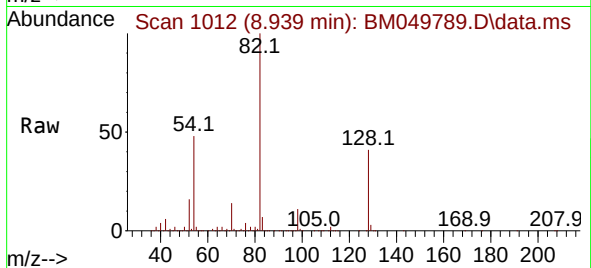
Tgt Ion: 82 Resp: 1282496

Ion Ratio Lower Upper

82 100

128 41.2 33.4 50.0

54 47.8 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: BM049789.D

Acq: 02 Apr 2025 14:07

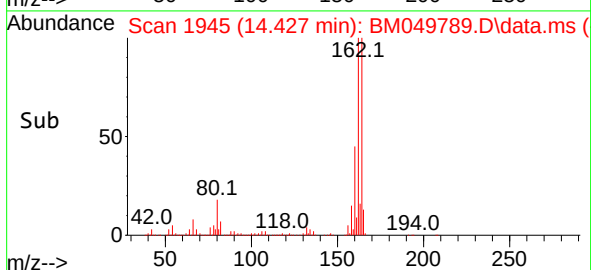
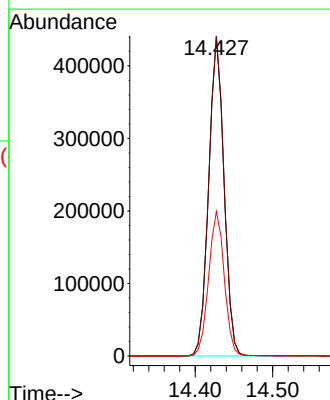
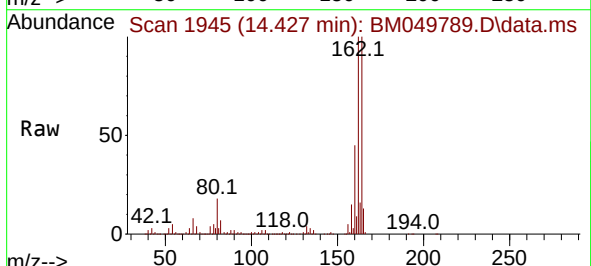
Tgt Ion: 164 Resp: 601649

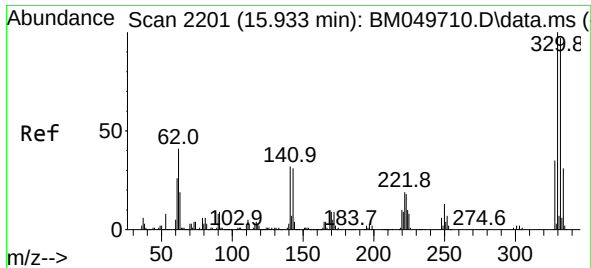
Ion Ratio Lower Upper

164 100

162 100.3 80.5 120.7

160 45.3 36.9 55.3

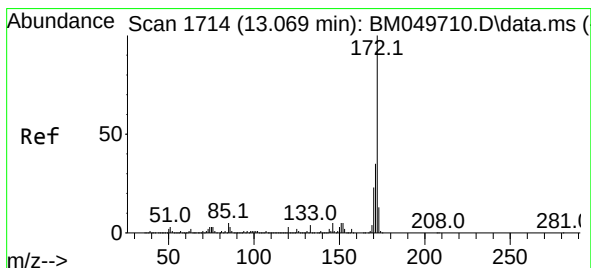
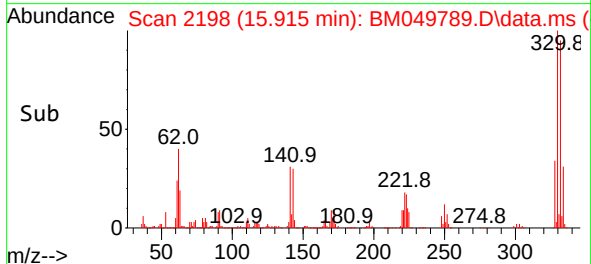
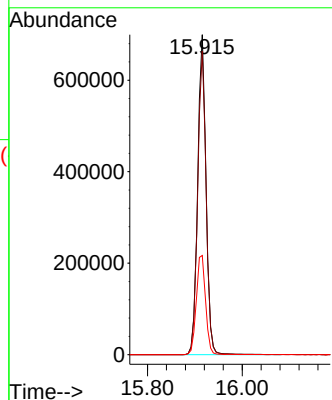
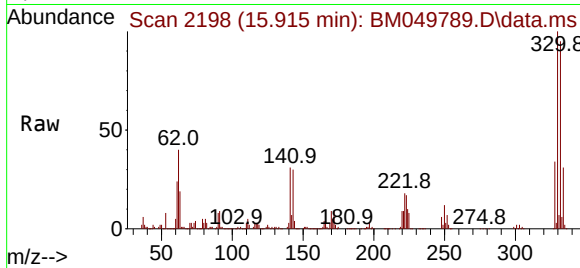




#42
2,4,6-Tribromophenol
Concen: 121.818 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

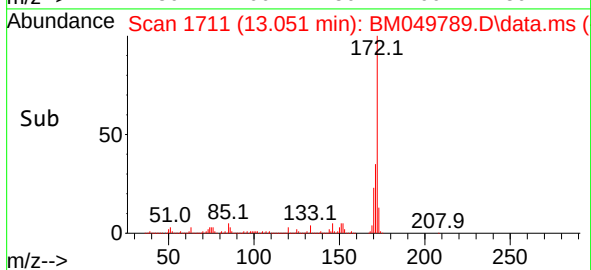
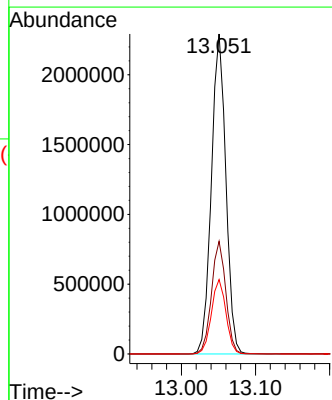
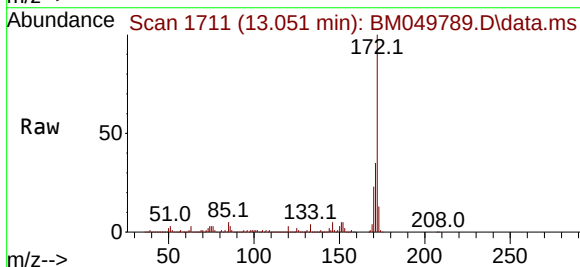
Instrument :
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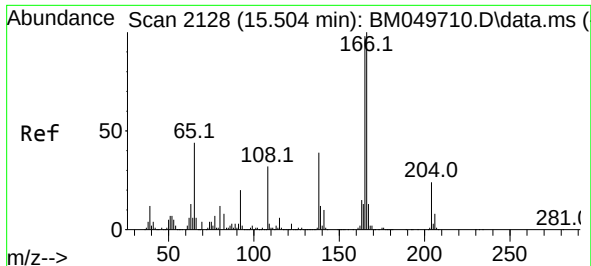
Tgt Ion:330 Resp: 855826
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 34.4 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 64.704 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

Tgt Ion:172 Resp: 3108434
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 18.6 28.0

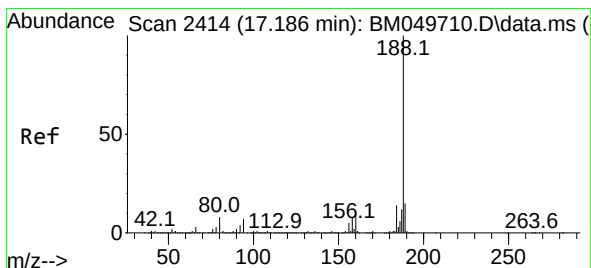
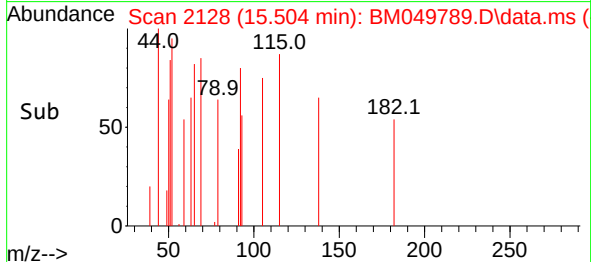
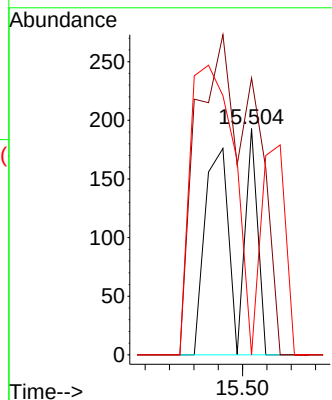
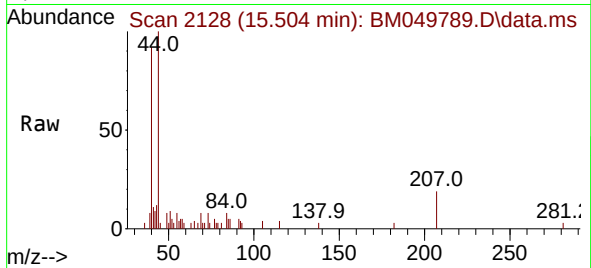




#62
4-Nitroaniline
Concen: 3.775 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

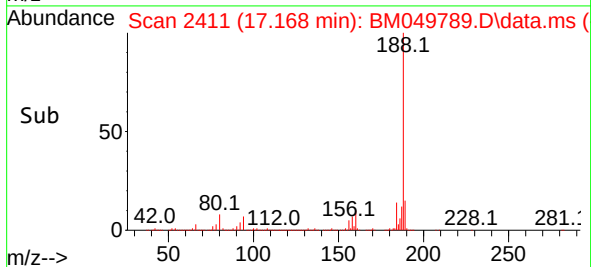
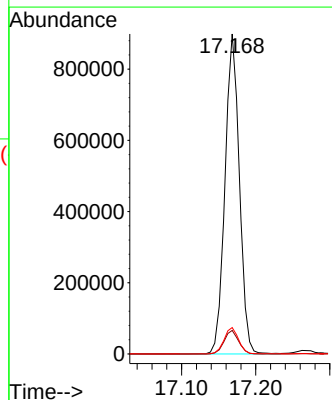
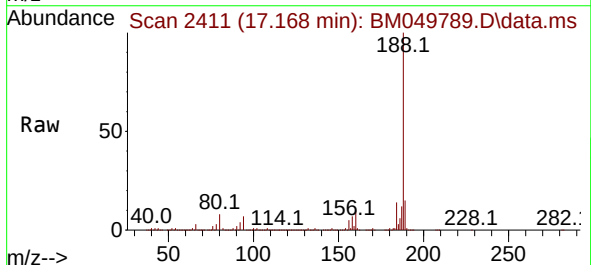
Instrument :
BNA_M
ClientSampleId :
TP-4

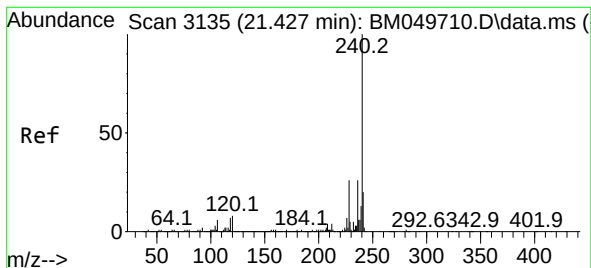
Tgt Ion:138 Resp: 185
Ion Ratio Lower Upper
138 100
92 122.3 29.8 69.8#
108 0.0 61.3 101.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049789.D
Acq: 02 Apr 2025 14:07

Tgt Ion:188 Resp: 1212495
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.2 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049789.D

Acq: 02 Apr 2025 14:07

Instrument :

BNA_M

ClientSampleId :

TP-4

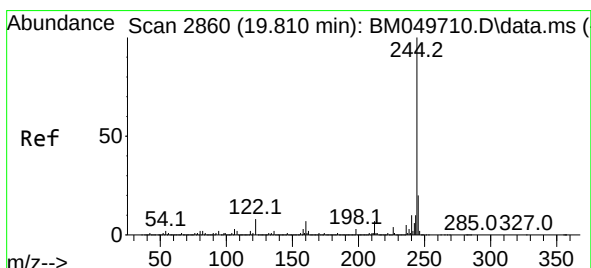
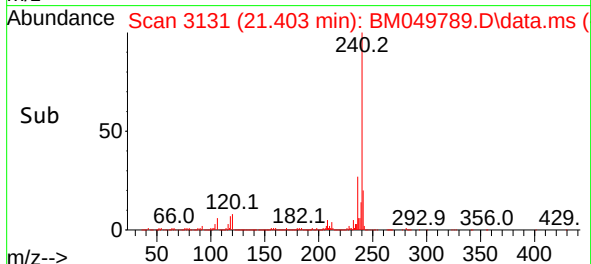
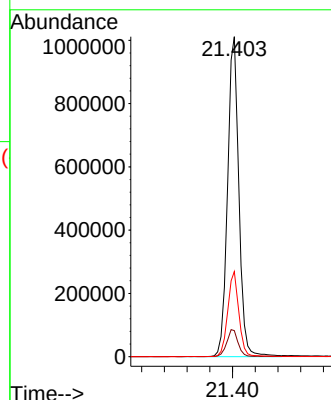
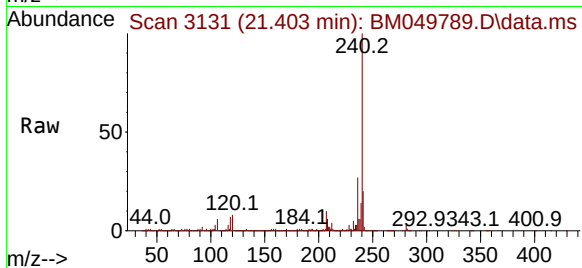
Tgt Ion:240 Resp: 1401093

Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.6 20.7 31.1



#79

Terphenyl-d14

Concen: 63.710 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.018 min

Lab File: BM049789.D

Acq: 02 Apr 2025 14:07

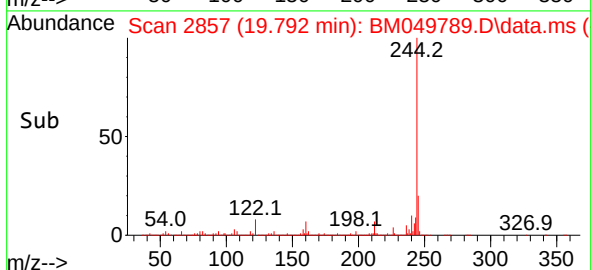
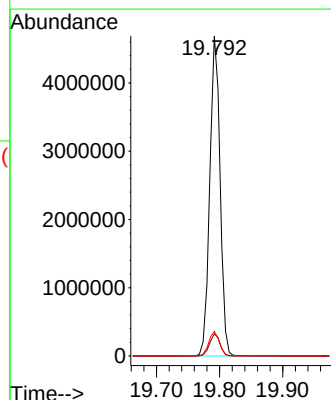
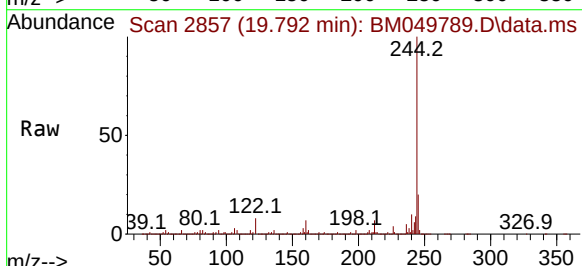
Tgt Ion:244 Resp: 5297131

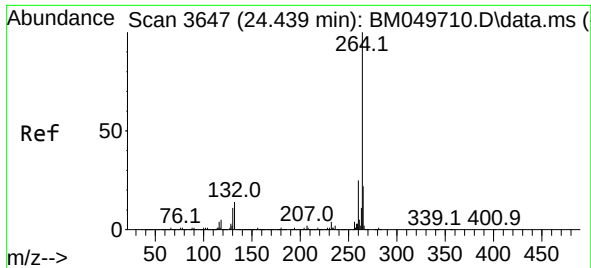
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 7.6 6.0 9.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 30
 Delta R.T. -0.042 min
 Lab File: BM049789.D
 Acq: 02 Apr 2025 14:07

Instrument :
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Tgt Ion:264 Resp: 1440719
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 21.5 18.2 27.2

