

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050059.D
 Acq On : 01 May 2025 00:33
 Operator : RC/JU
 Sample : Q1883-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-VSL-19-042325

Quant Time: May 01 02:21:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

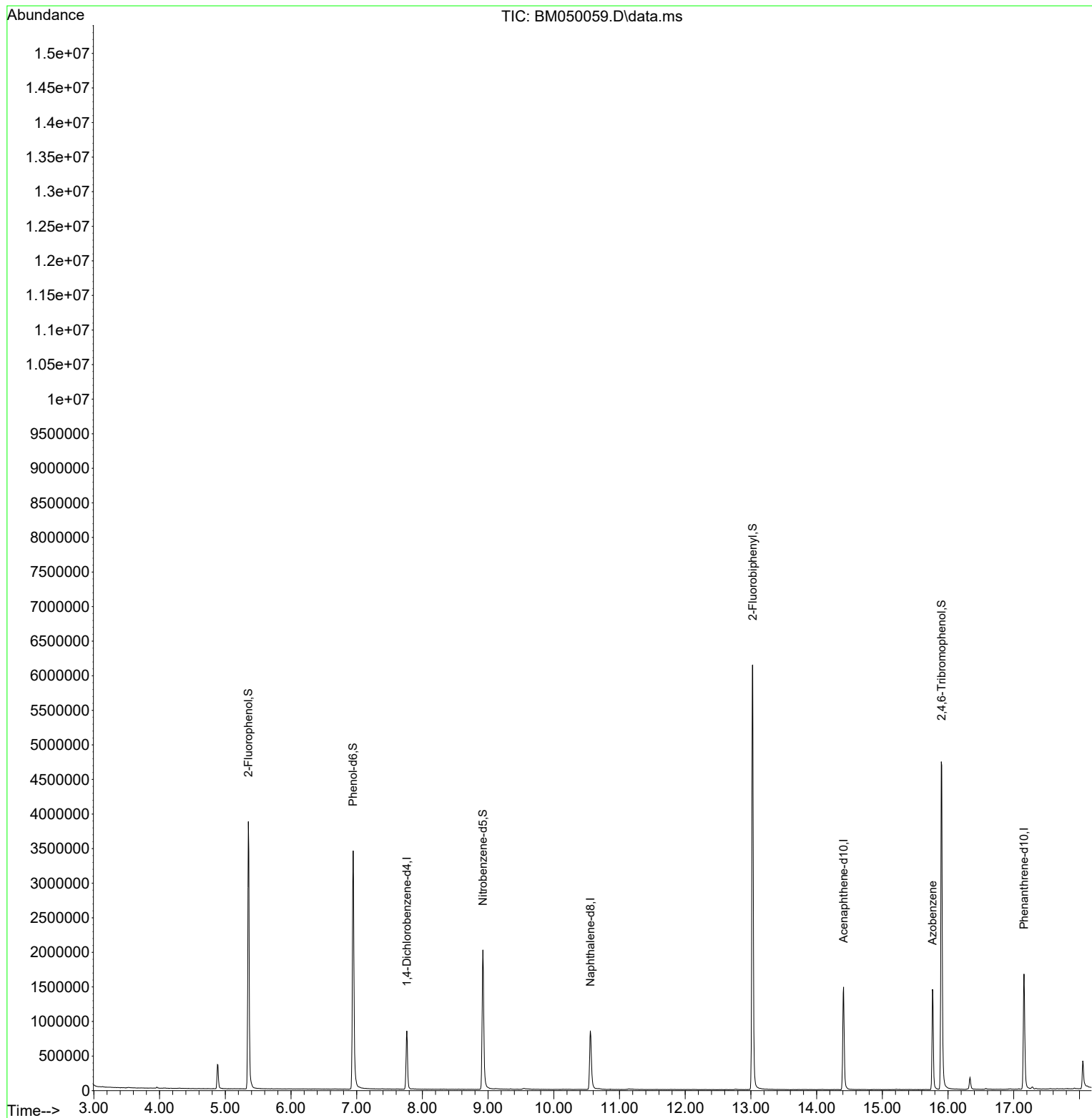
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	245309	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	863965	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	585954	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1150816	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1075487	20.000	ng	0.00
86) Perylene-d12	24.391	264	1146736	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1735349	123.873	ng	0.00
7) Phenol-d6	6.946	99	2183369	124.002	ng	0.00
23) Nitrobenzene-d5	8.922	82	1306304	74.505	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1032046	119.117	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3588416	72.447	ng	0.00
79) Terphenyl-d14	19.774	244	6188649	85.148	ng	0.00
Target Compounds						
63) Azobenzene	15.763	77	432841	12.800	ng	Qvalue # 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050059.D
Acq On : 01 May 2025 00:33
Operator : RC/JU
Sample : Q1883-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

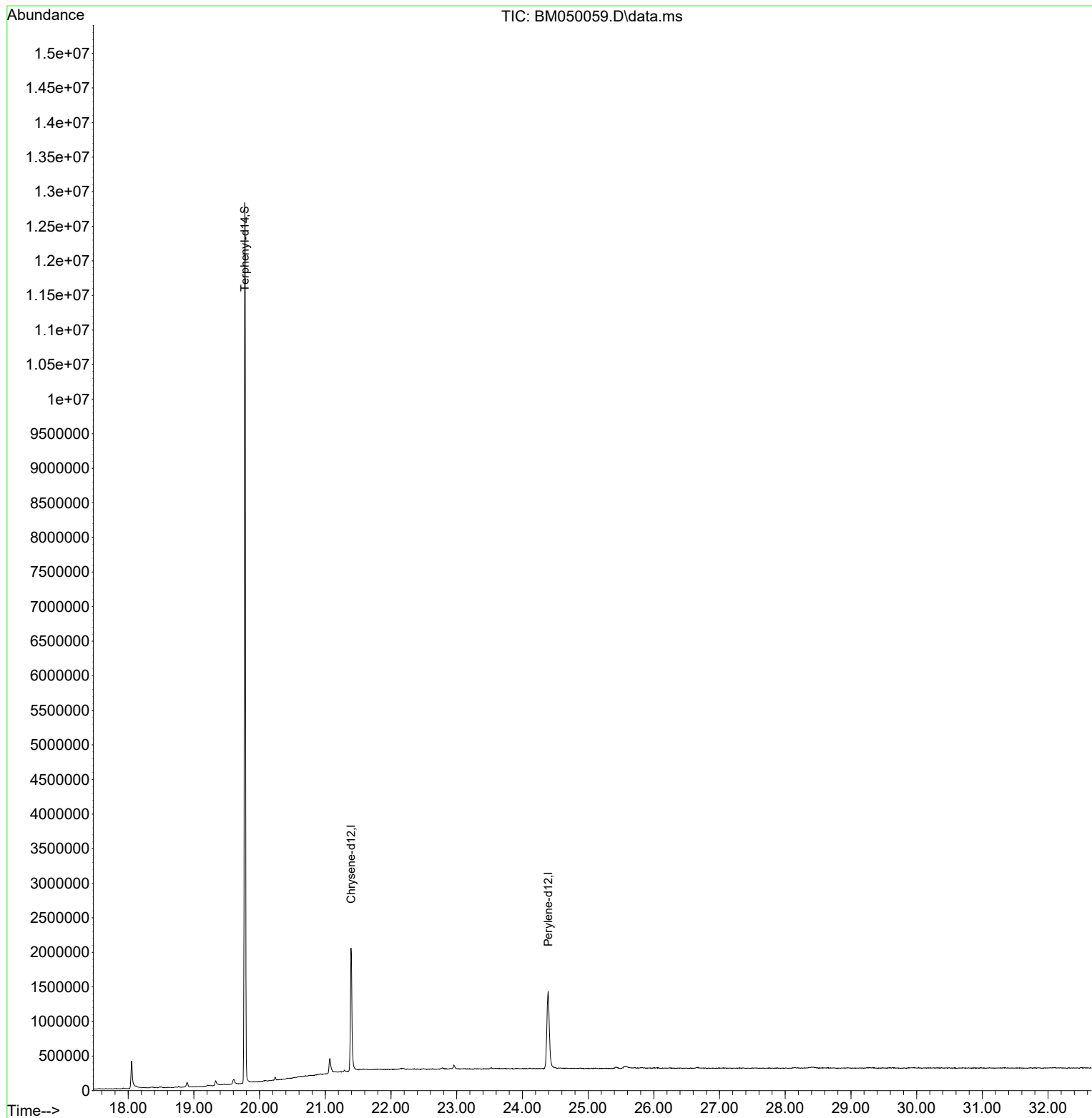
Quant Time: May 01 02:21:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050059.D
Acq On : 01 May 2025 00:33
Operator : RC/JU
Sample : Q1883-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

Quant Time: May 01 02:21:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

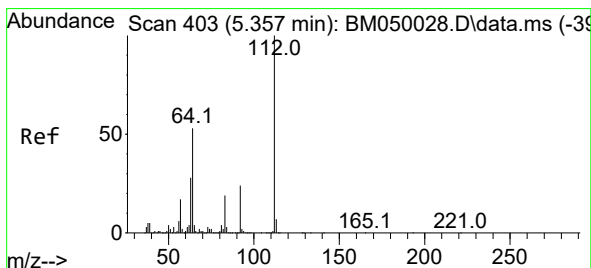
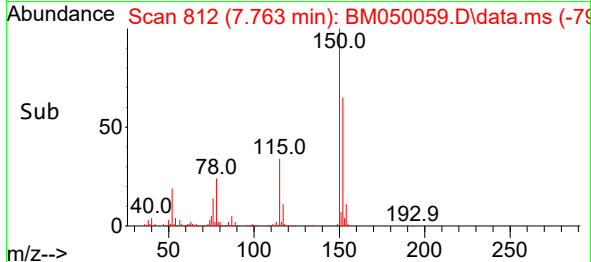
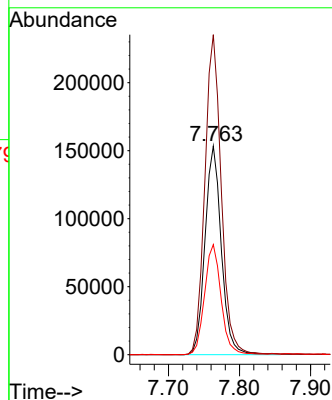
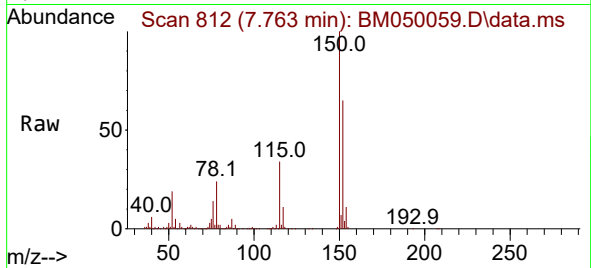




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

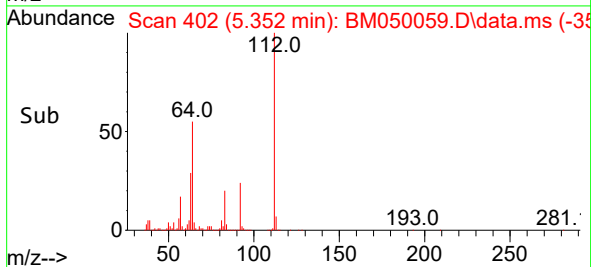
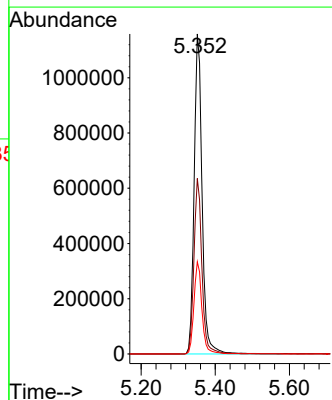
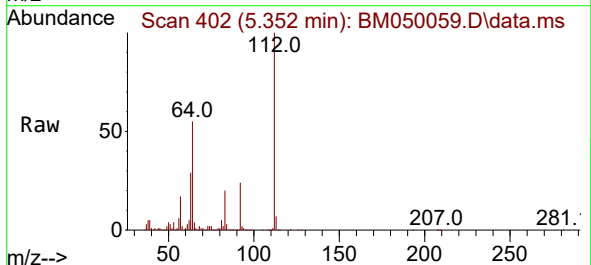
Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

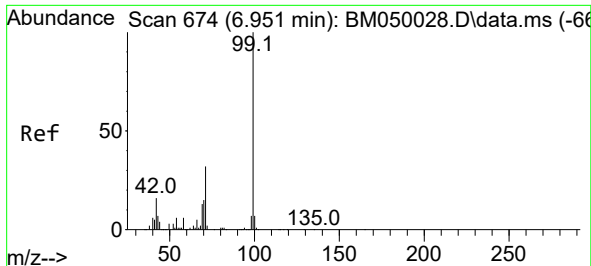
Tgt Ion:152 Resp: 245309
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 52.8 41.2 61.8



#5
2-Fluorophenol
Concen: 123.873 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

Tgt Ion:112 Resp: 1735349
Ion Ratio Lower Upper
112 100
64 54.8 42.6 64.0
63 28.8 22.2 33.4

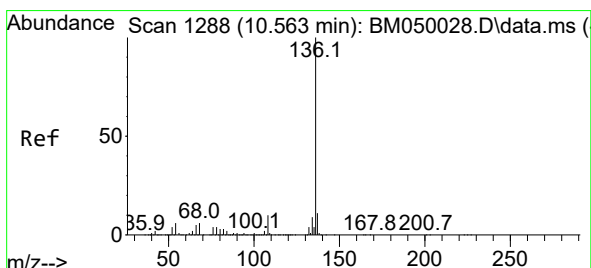
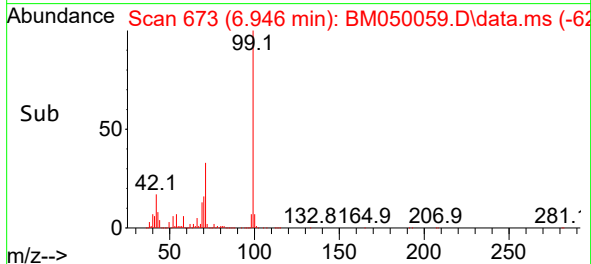
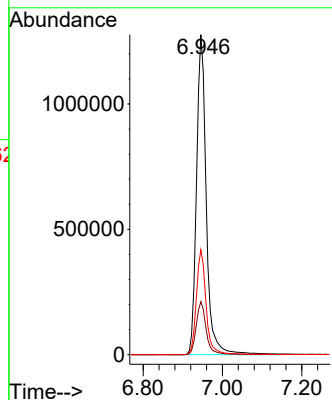
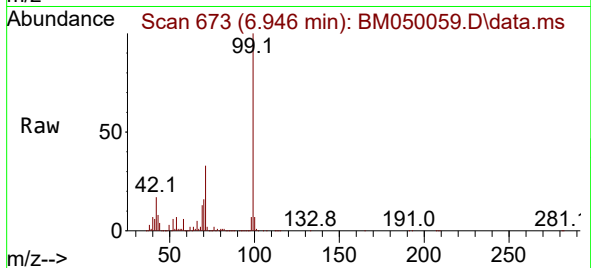




#7
Phenol-d6
Concen: 124.002 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

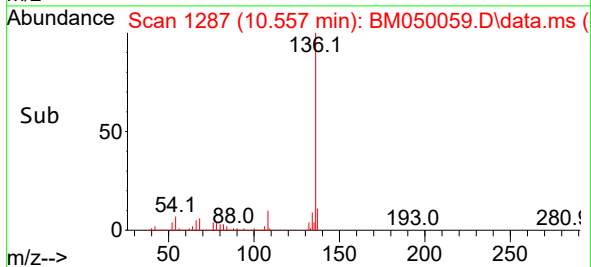
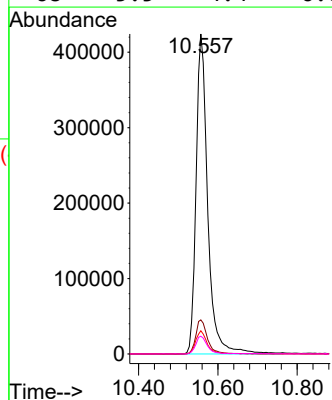
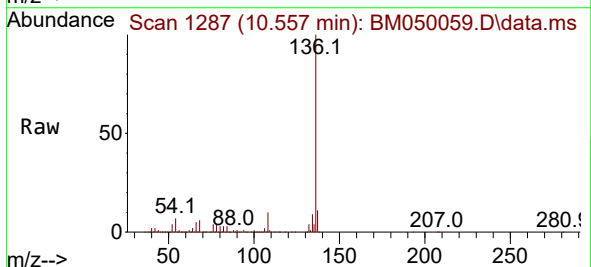
Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

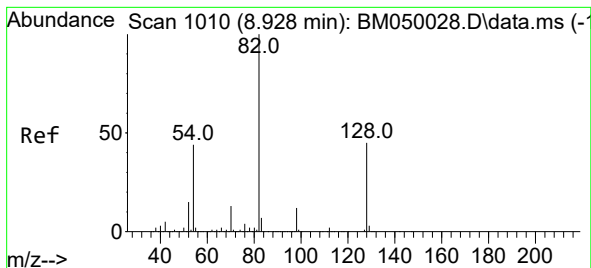
Tgt Ion: 99 Resp: 2183369
Ion Ratio Lower Upper
99 100
42 16.6 13.0 19.4
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

Tgt Ion: 136 Resp: 863965
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.2 5.1 7.7
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 74.505 ng

RT: 8.922 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM050059.D

Acq: 01 May 2025 00:33

Instrument :

BNA_M

ClientSampleId :

OU4-VSL-19-042325

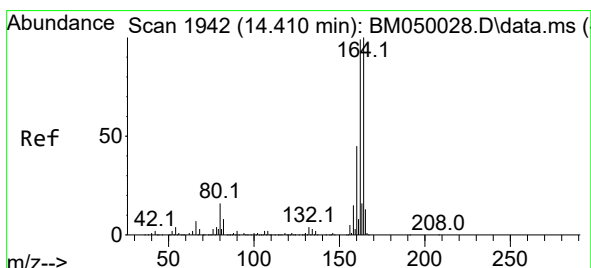
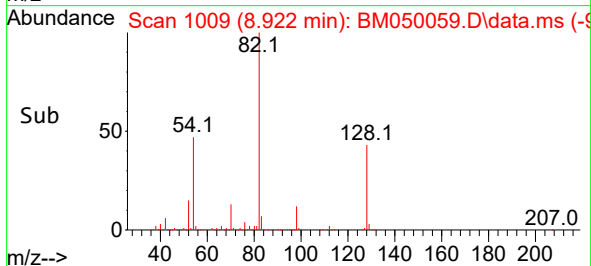
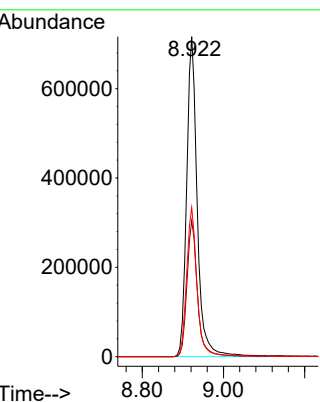
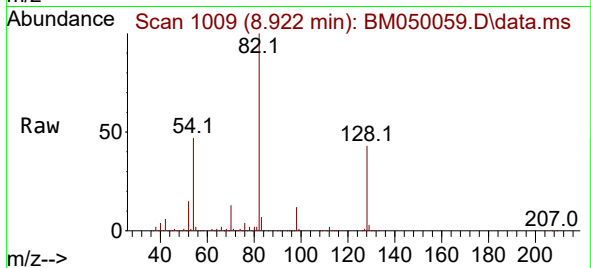
Tgt Ion: 82 Resp: 1306304

Ion Ratio Lower Upper

82 100

128 42.5 35.7 53.5

54 46.6 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050059.D

Acq: 01 May 2025 00:33

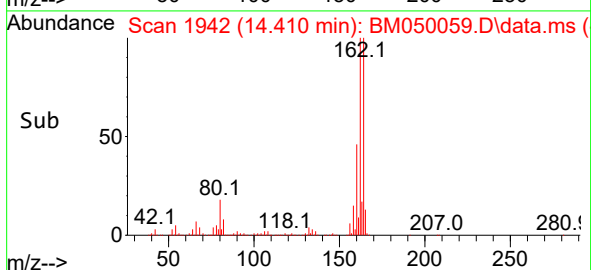
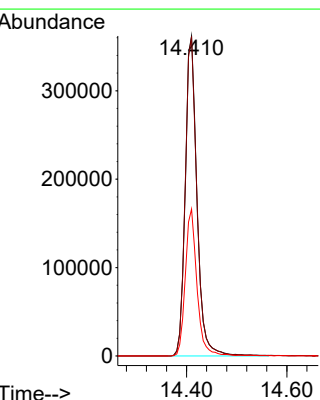
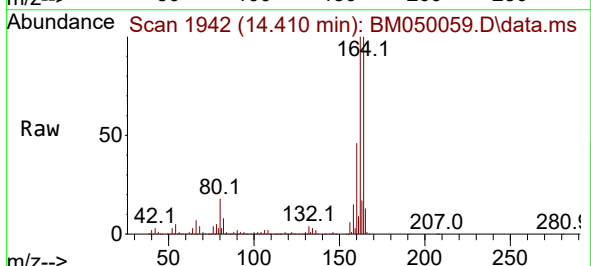
Tgt Ion: 164 Resp: 585954

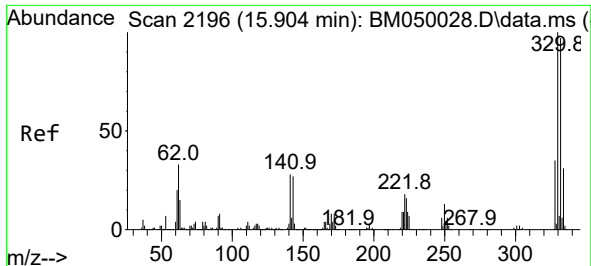
Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

160 45.9 36.2 54.4

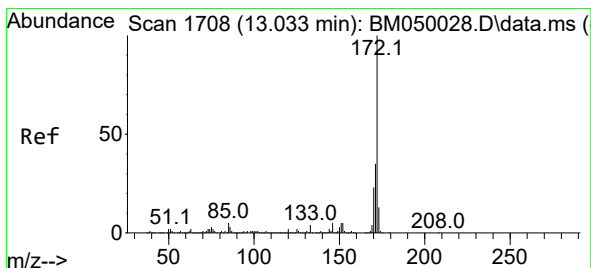
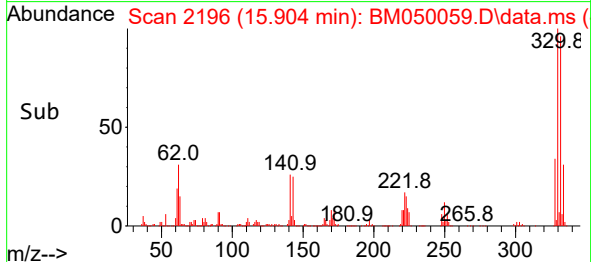
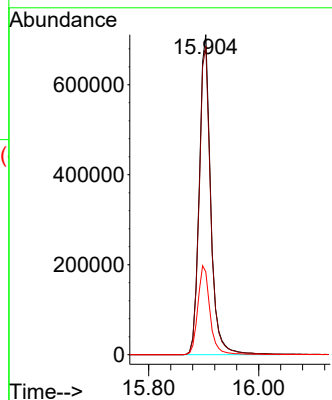
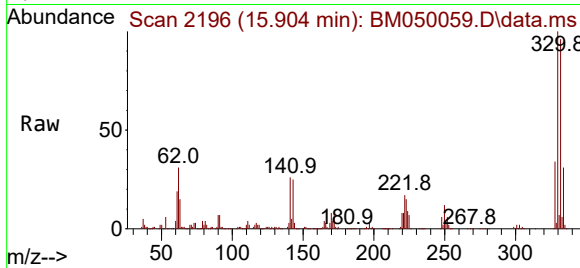




#42
2,4,6-Tribromophenol
Concen: 119.117 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

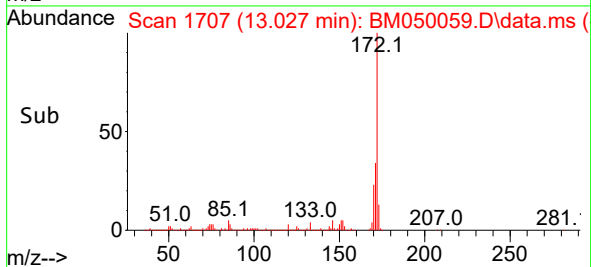
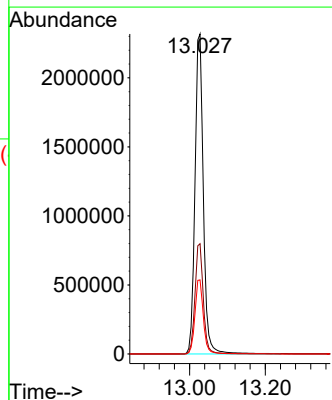
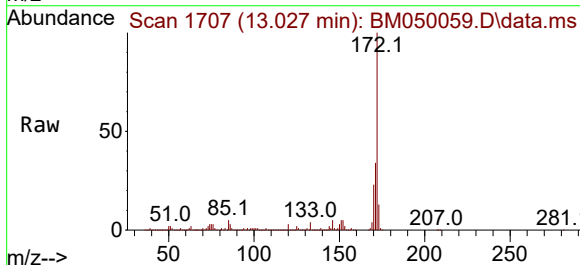
Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

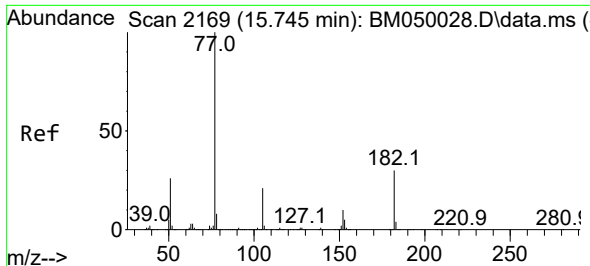
Tgt Ion:330 Resp: 1032046
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 29.5 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 72.447 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

Tgt Ion:172 Resp: 3588416
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.2 18.6 28.0

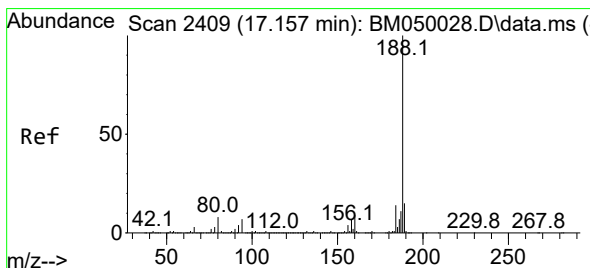
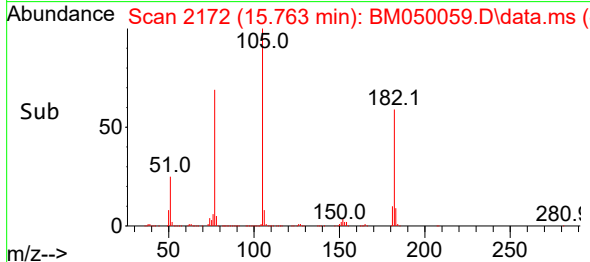
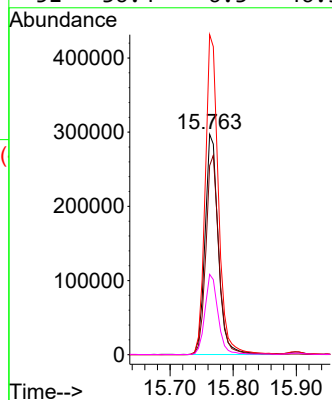
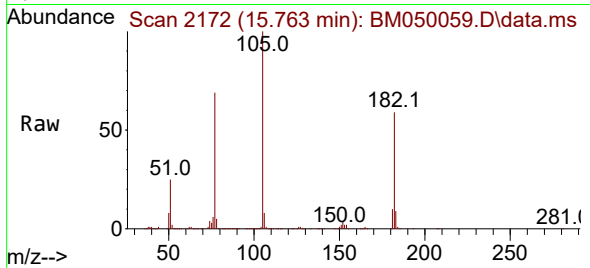




#63
Azobenzene
Concen: 12.800 ng
RT: 15.763 min Scan# 2169
Delta R.T. 0.018 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

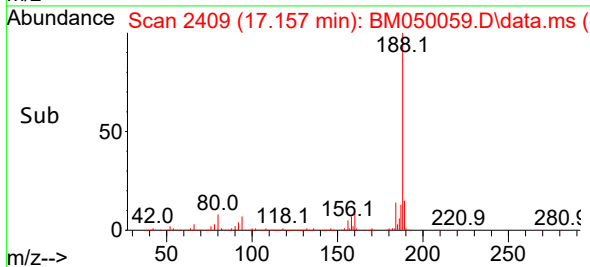
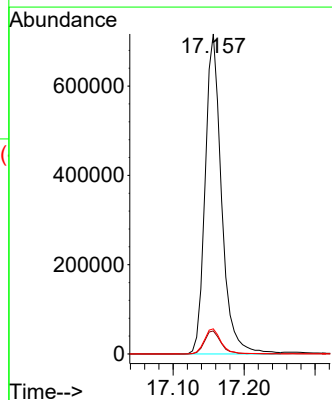
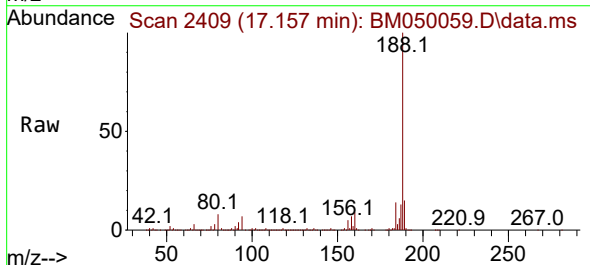
Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

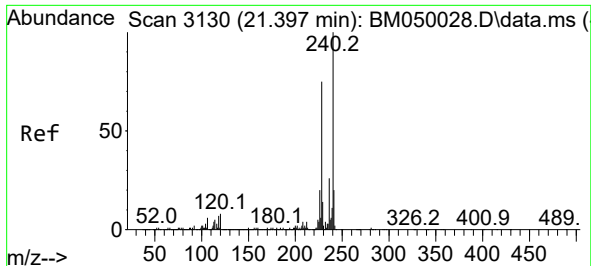
Tgt Ion: 77 Resp: 432841
Ion Ratio Lower Upper
77 100
182 85.7 10.5 50.5#
105 145.2 1.1 41.1#
51 36.4 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

Tgt Ion:188 Resp: 1150816
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.8 6.2 9.4

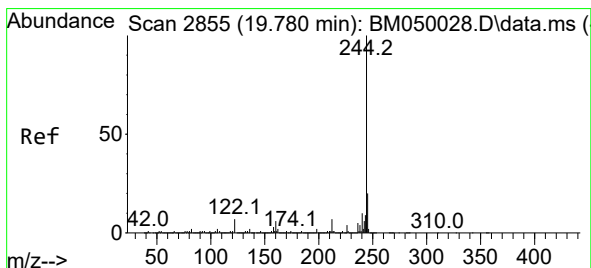
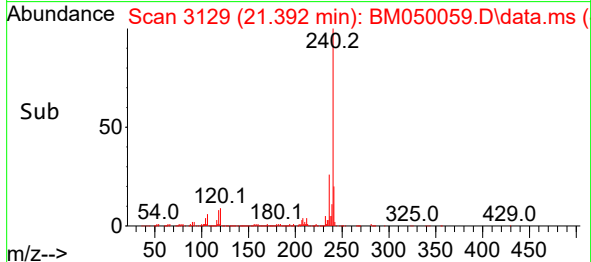
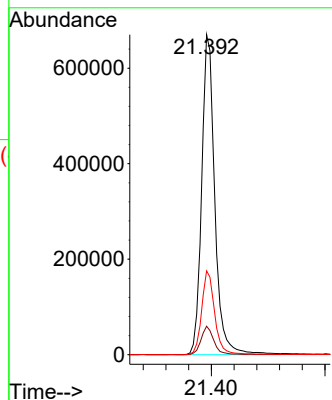
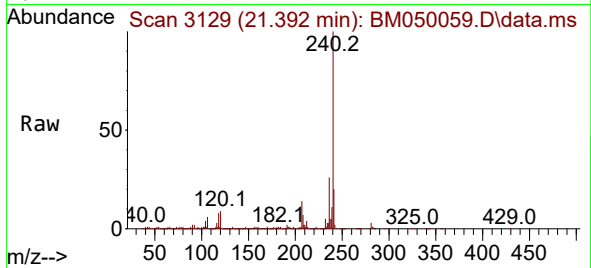




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

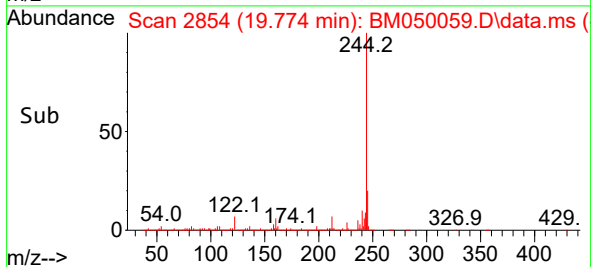
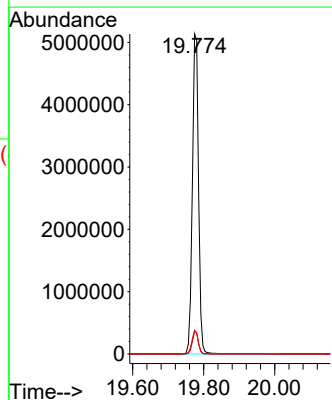
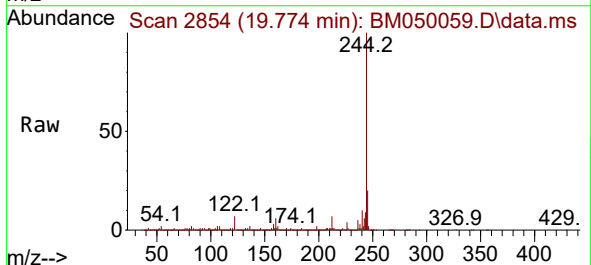
Instrument :
BNA_M
ClientSampleId :
OU4-VSL-19-042325

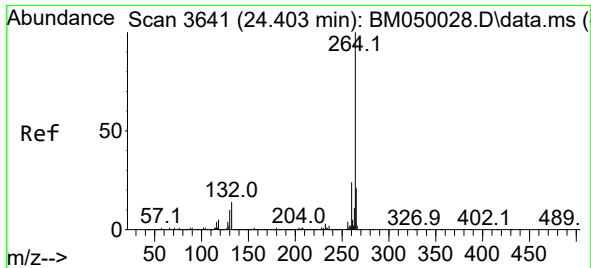
Tgt Ion:240 Resp: 1075487
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 85.148 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM050059.D
Acq: 01 May 2025 00:33

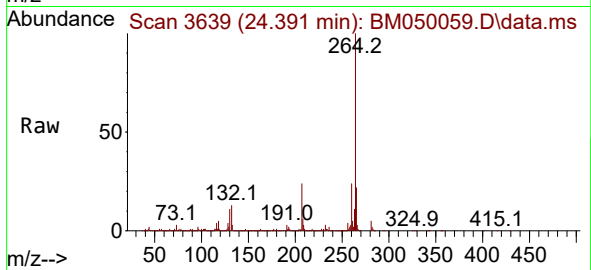
Tgt Ion:244 Resp: 6188649
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.5 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BM050059.D
 Acq: 01 May 2025 00:33

Instrument :
 BNA_M
 ClientSampleId :
 OU4-VSL-19-042325



Tgt Ion:264 Resp: 1146736
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.9 17.0 25.4

