

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
 Data File : BM050005.D
 Acq On : 22 Apr 2025 21:03
 Operator : RC/JU
 Sample : Q1840-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-04-04182025

Quant Time: Apr 23 01:15:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	274699	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	954838	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	638884	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1257294	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1194434	20.000	ng	0.00
86) Perylene-d12	24.403	264	1287937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	286660	17.720	ng	0.00
7) Phenol-d6	6.957	99	352073	17.492	ng	0.00
23) Nitrobenzene-d5	8.928	82	210632	12.284	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	162250	17.460	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	571351	12.127	ng	-0.02
79) Terphenyl-d14	19.780	244	817308	12.823	ng	-0.01

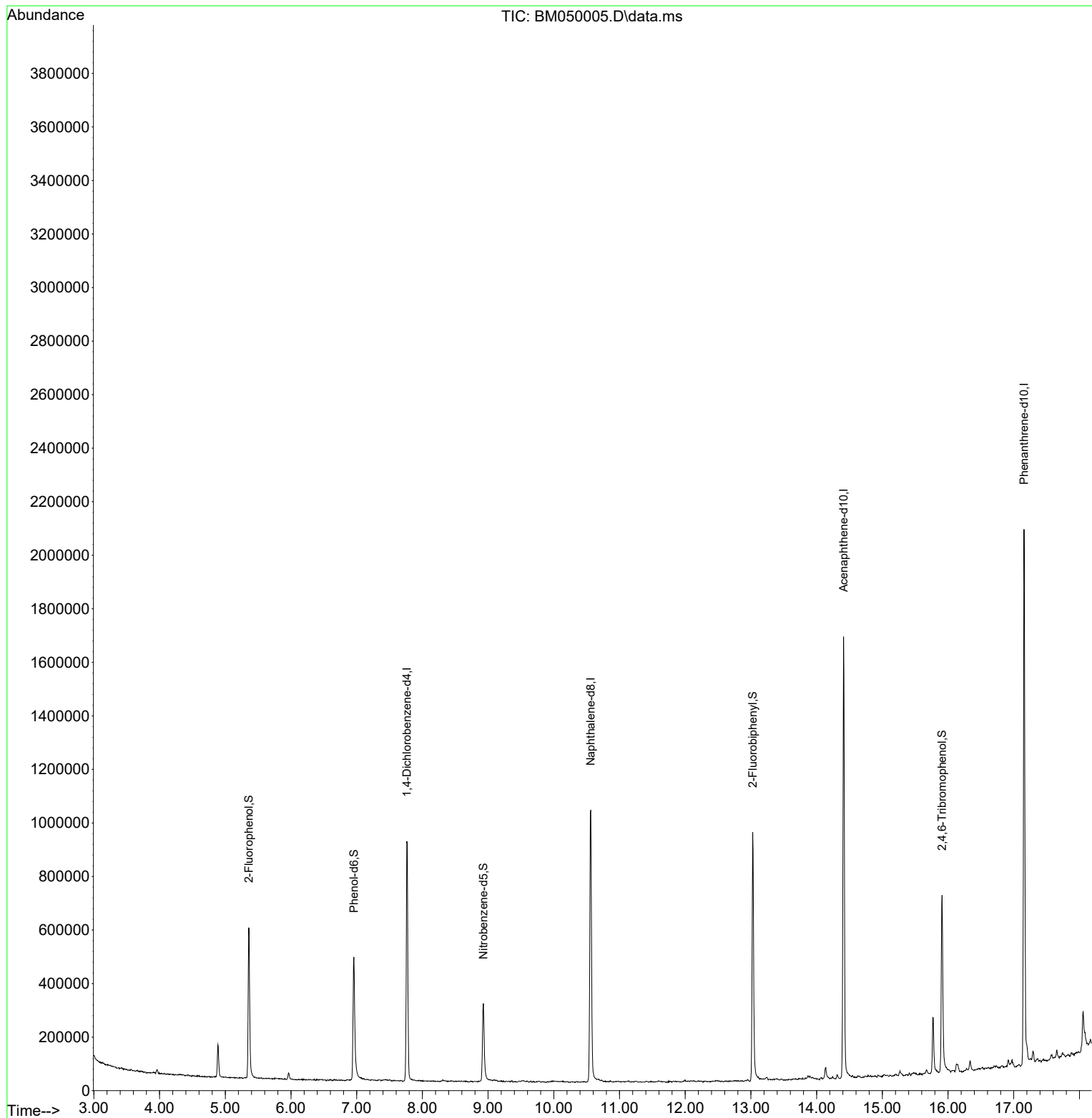
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM050005.D
Acq On : 22 Apr 2025 21:03
Operator : RC/JU
Sample : Q1840-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-04-04182025

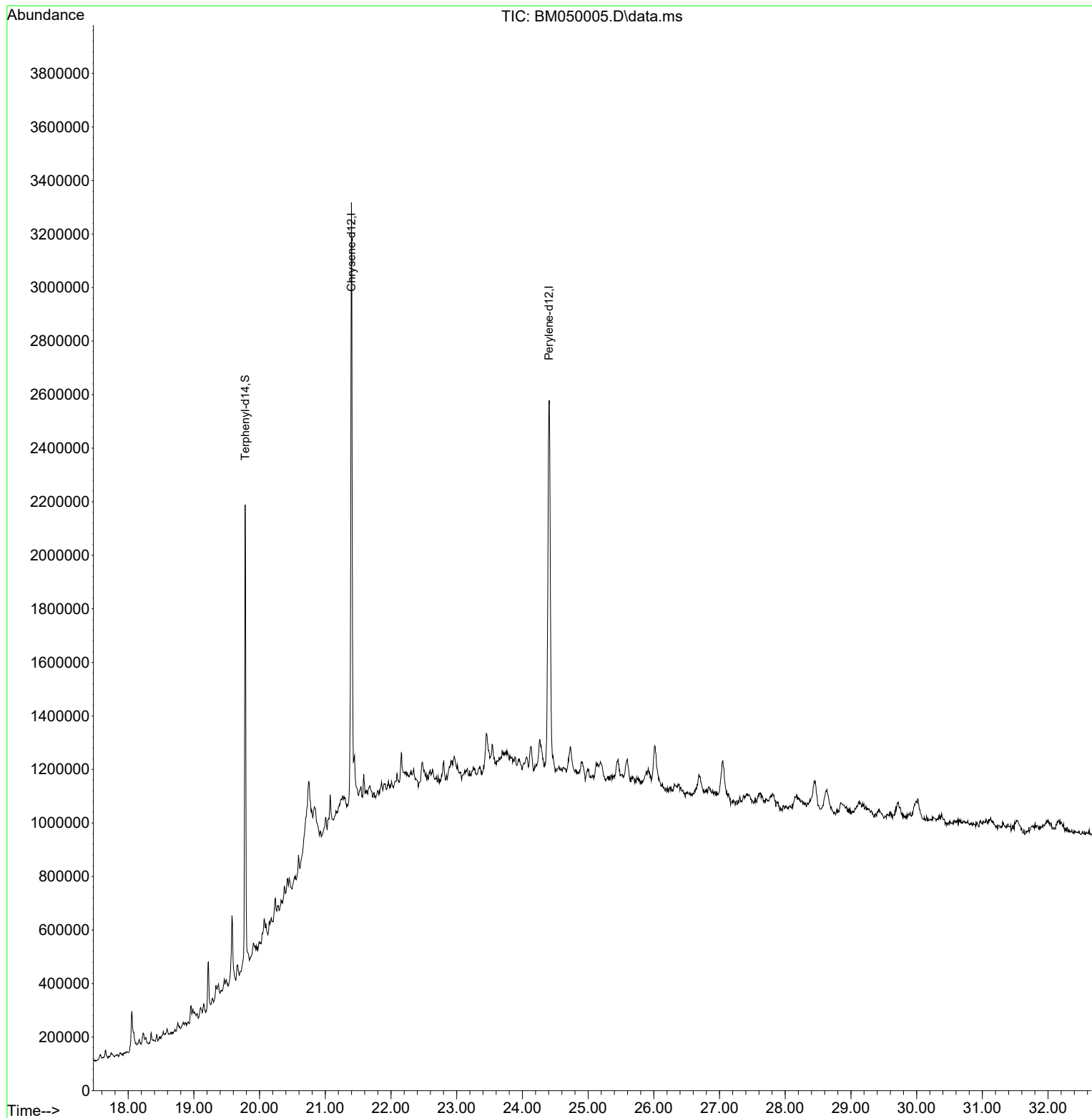
Quant Time: Apr 23 01:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

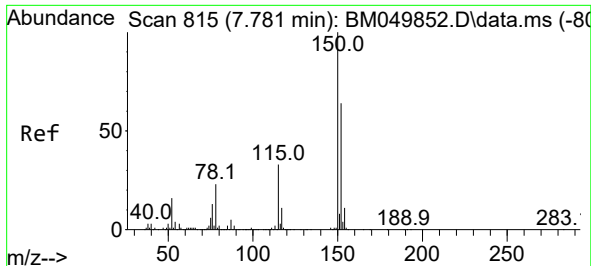


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM050005.D
Acq On : 22 Apr 2025 21:03
Operator : RC/JU
Sample : Q1840-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-04-04182025

Quant Time: Apr 23 01:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

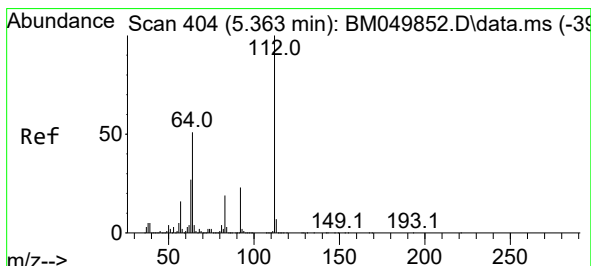
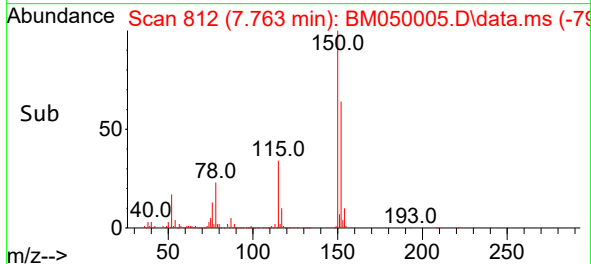
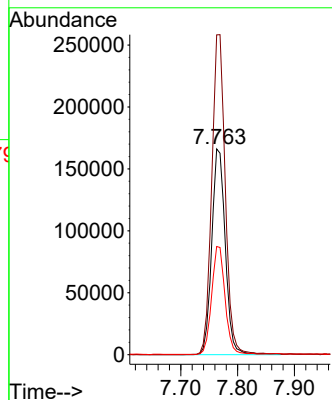
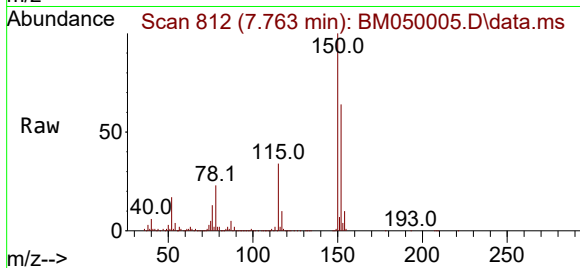




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050005.D
Acq: 22 Apr 2025 21:03

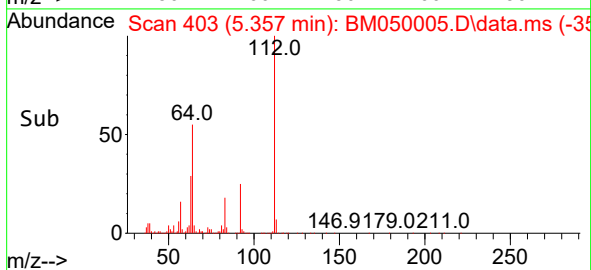
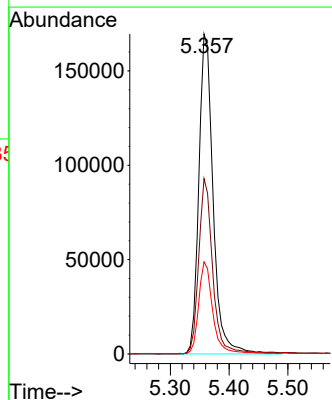
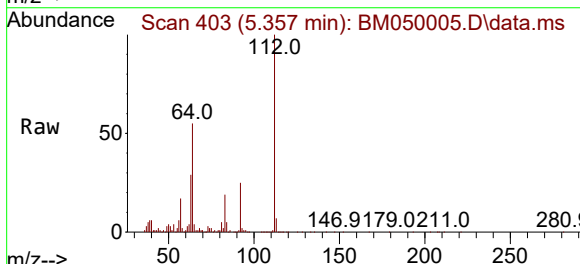
Instrument :
BNA_M
ClientSampleId :
OK-04-04182025

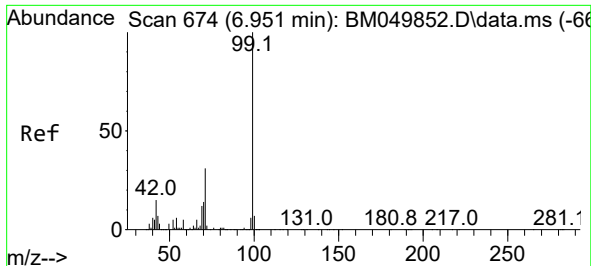
Tgt Ion:152 Resp: 274699
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 52.6 41.1 61.7



#5
2-Fluorophenol
Concen: 17.720 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050005.D
Acq: 22 Apr 2025 21:03

Tgt Ion:112 Resp: 286660
Ion Ratio Lower Upper
112 100
64 54.8 41.0 61.6
63 28.8 21.5 32.3

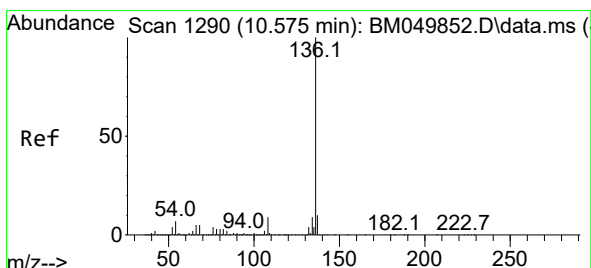
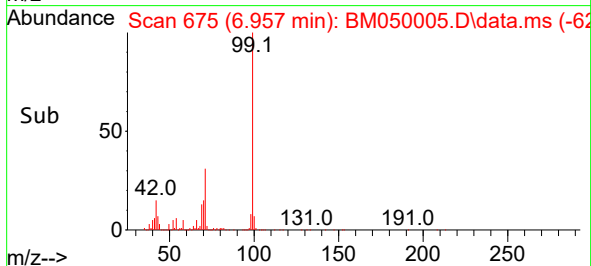
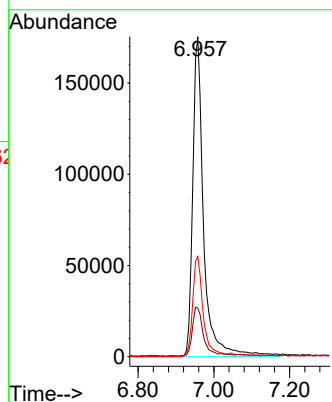
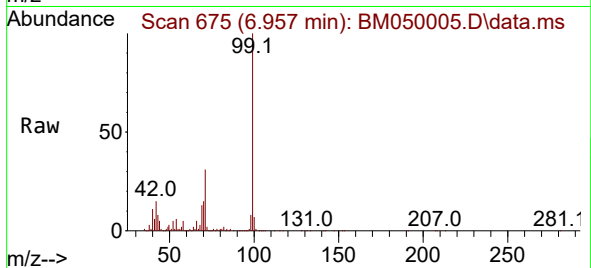




#7
Phenol-d6
Concen: 17.492 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050005.D
Acq: 22 Apr 2025 21:03

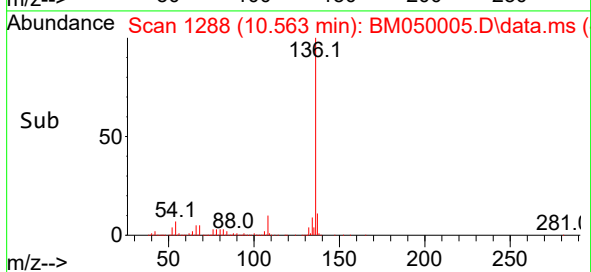
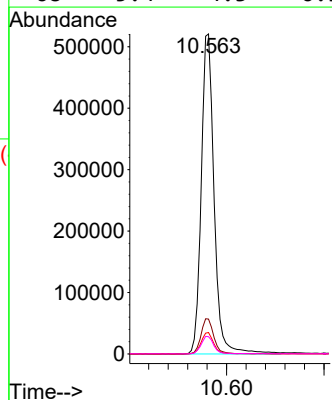
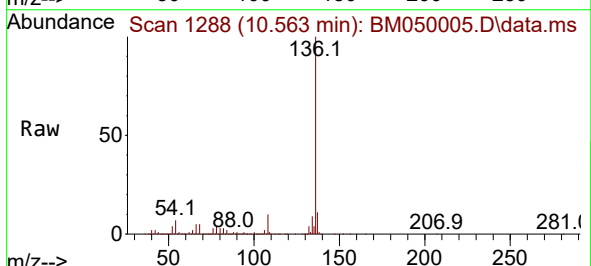
Instrument :
BNA_M
ClientSampleId :
OK-04-04182025

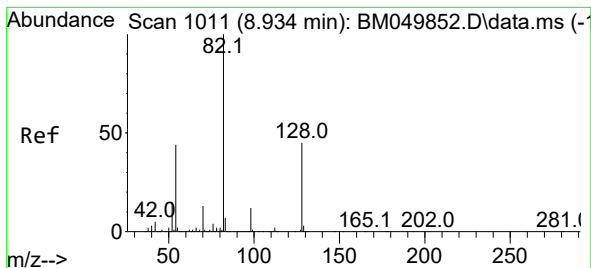
Tgt Ion: 99 Resp: 352073
Ion Ratio Lower Upper
99 100
42 15.2 12.1 18.1
71 31.3 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM050005.D
Acq: 22 Apr 2025 21:03

Tgt Ion: 136 Resp: 954838
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 5.3 7.9
68 5.4 4.3 6.5

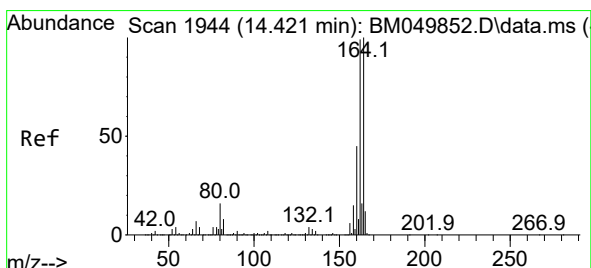
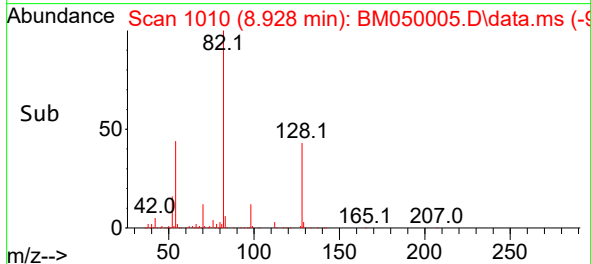
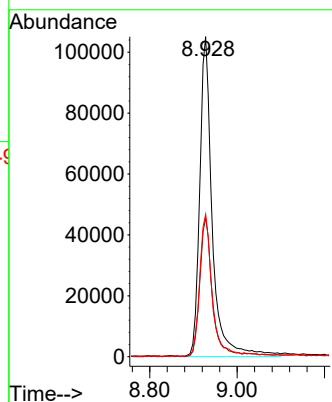
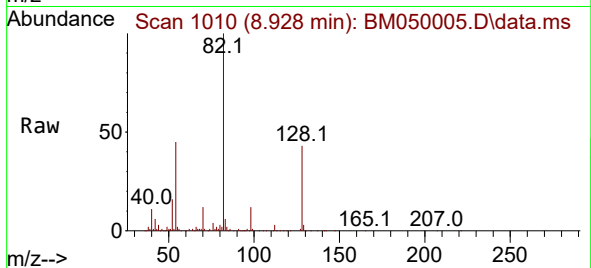




#23
 Nitrobenzene-d5
 Concen: 12.284 ng
 RT: 8.928 min Scan# 1010
 Delta R.T. -0.006 min
 Lab File: BM050005.D
 Acq: 22 Apr 2025 21:03

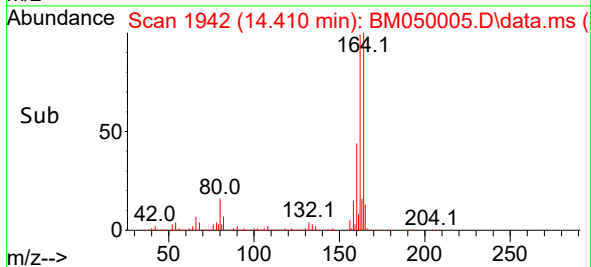
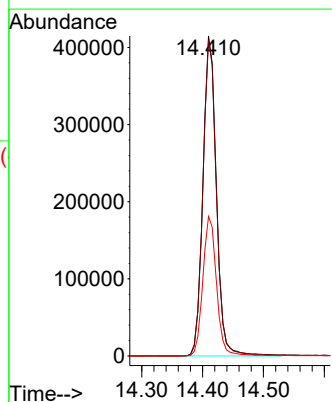
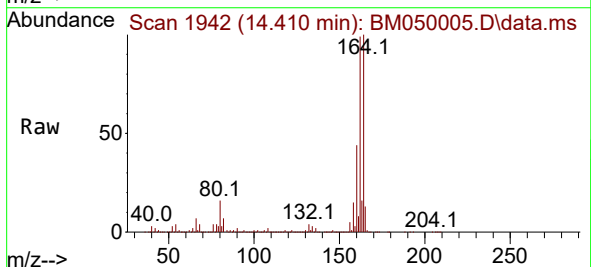
Instrument :
 BNA_M
 ClientSampleId :
 OK-04-04182025

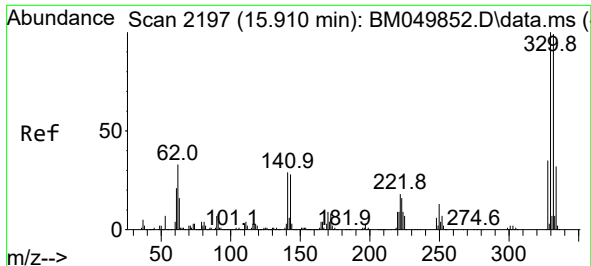
Tgt Ion: 82 Resp: 210632
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.2 54.2
 54 44.5 35.0 52.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.410 min Scan# 1942
 Delta R.T. -0.012 min
 Lab File: BM050005.D
 Acq: 22 Apr 2025 21:03

Tgt Ion: 164 Resp: 638884
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.4 119.0
 160 43.6 36.2 54.2

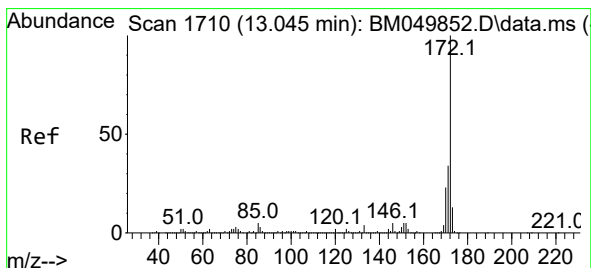
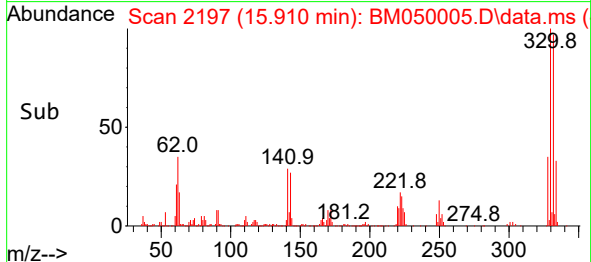
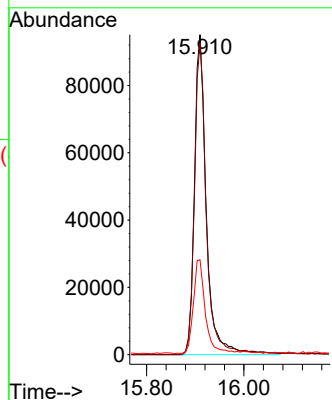
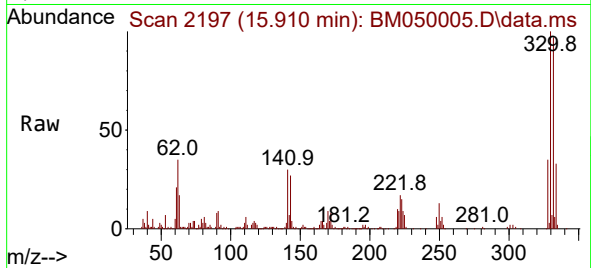




#42
2,4,6-Tribromophenol
Concen: 17.460 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM050005.D
Acq: 22 Apr 2025 21:03

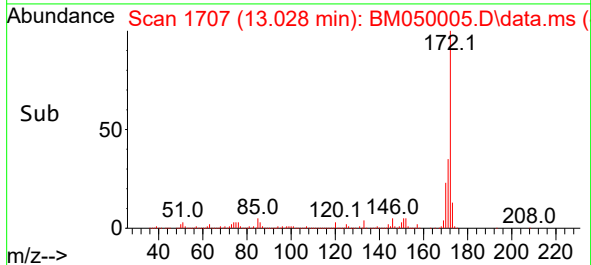
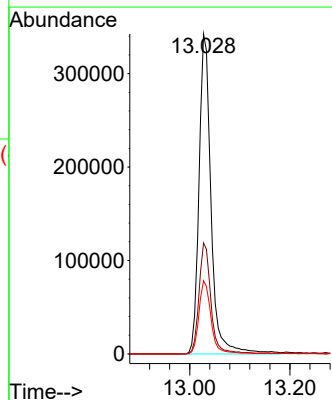
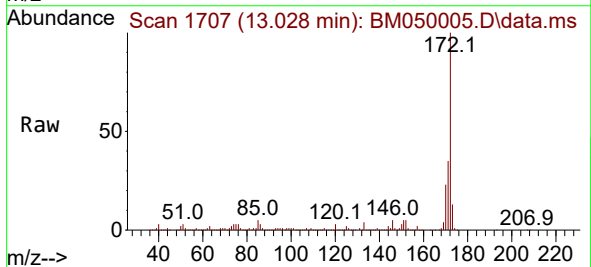
Instrument :
BNA_M
ClientSampleId :
OK-04-04182025

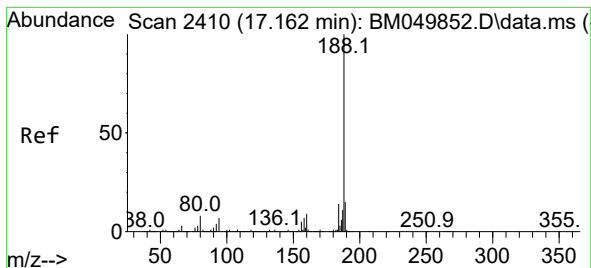
Tgt Ion:330 Resp: 162250
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.7 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 12.127 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM050005.D
Acq: 22 Apr 2025 21:03

Tgt Ion:172 Resp: 571351
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM050005.D

Acq: 22 Apr 2025 21:03

Instrument :

BNA_M

ClientSampleId :

OK-04-04182025

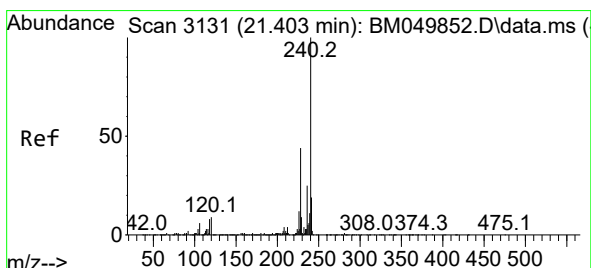
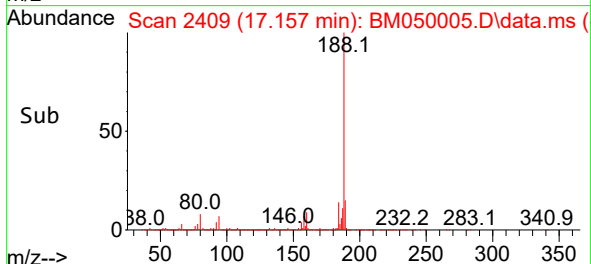
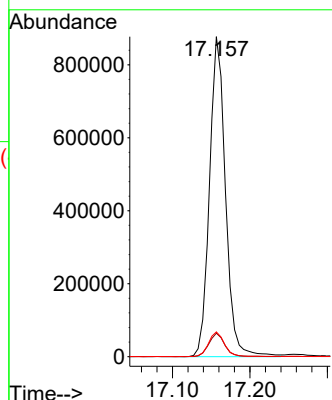
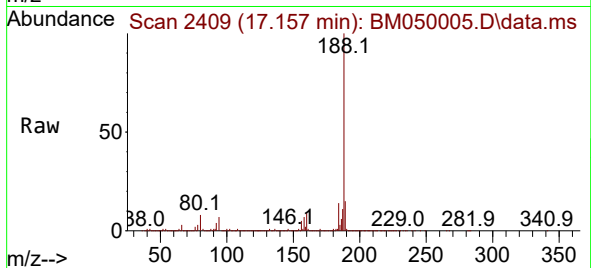
Tgt Ion:188 Resp: 1257294

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 7.8 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM050005.D

Acq: 22 Apr 2025 21:03

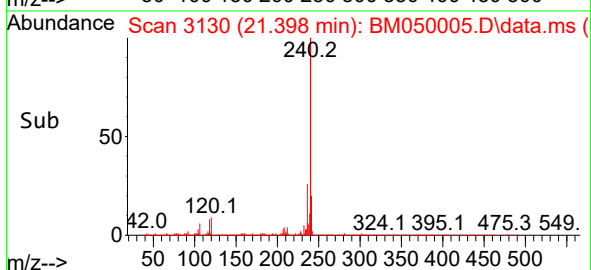
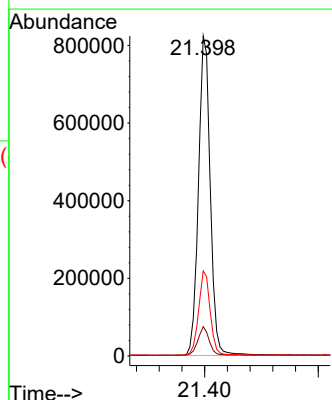
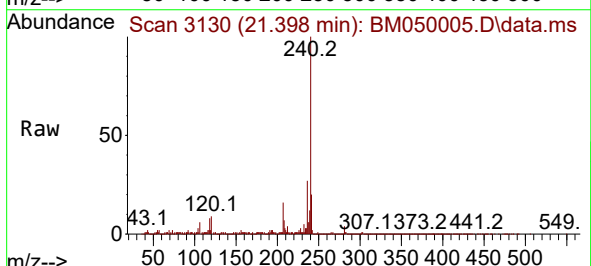
Tgt Ion:240 Resp: 1194434

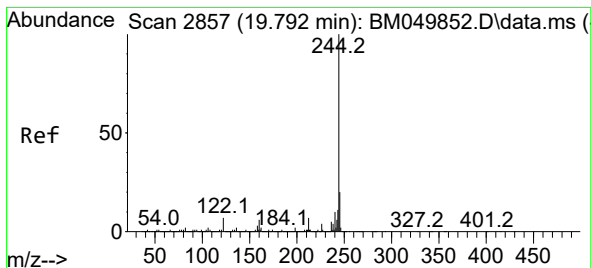
Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

236 26.6 20.4 30.6





#79

Terphenyl-d14

Concen: 12.823 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050005.D

Acq: 22 Apr 2025 21:03

Instrument :

BNA_M

ClientSampleId :

OK-04-04182025

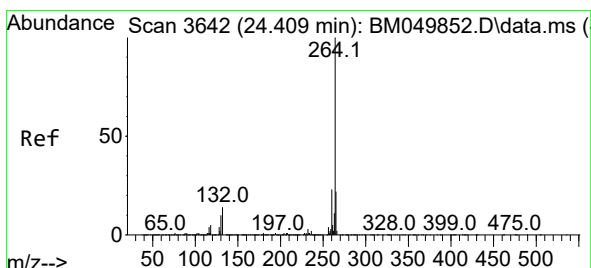
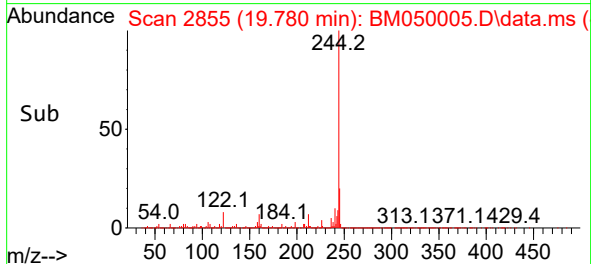
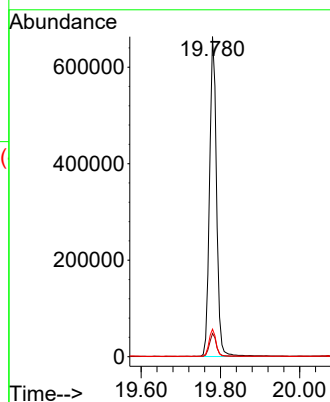
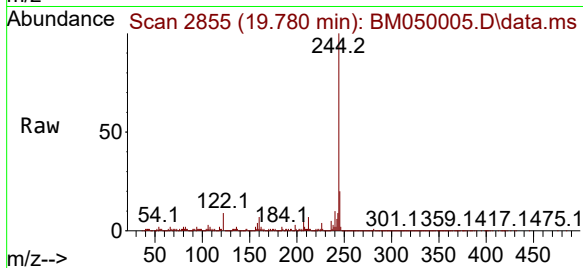
Tgt Ion:244 Resp: 817308

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 8.6 5.4 8.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.006 min

Lab File: BM050005.D

Acq: 22 Apr 2025 21:03

Tgt Ion:264 Resp: 1287937

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.3 17.8 26.8

