

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050043.D
 Acq On : 30 Apr 2025 11:32
 Operator : RC/JU
 Sample : PB167767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167767BL

Quant Time: Apr 30 12:10:16 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	249874	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868570	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	566090	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1115534	20.000	ng	0.00
76) Chrysene-d12	21.404	240	957826	20.000	ng	0.00
86) Perylene-d12	24.404	264	1005381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1920198	134.564	ng	0.00
7) Phenol-d6	6.952	99	2331248	129.981	ng	0.00
23) Nitrobenzene-d5	8.922	82	1376298	78.081	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1050716	125.528	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3746538	78.293	ng	0.00
79) Terphenyl-d14	19.780	244	6058712	93.601	ng	0.00

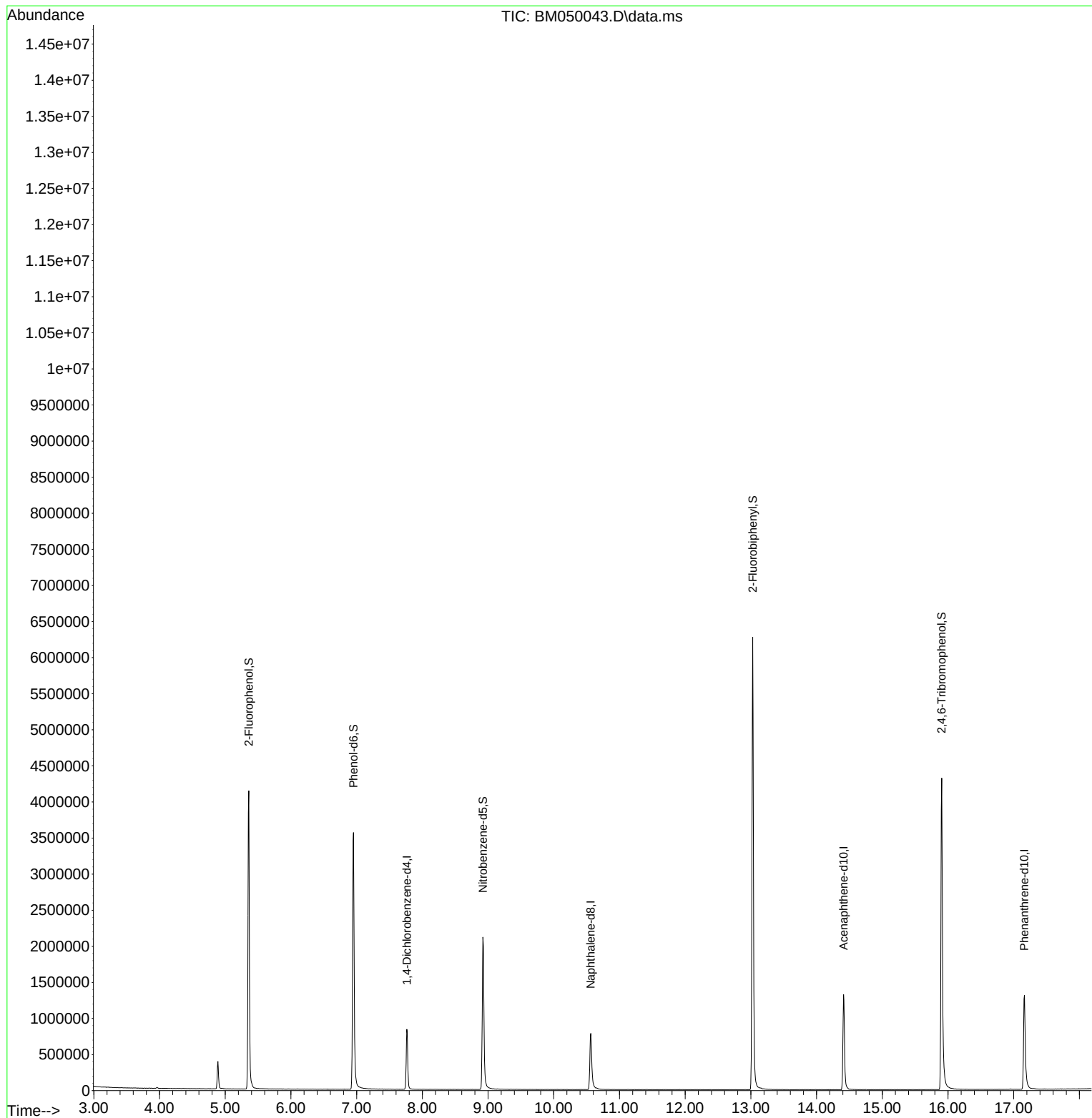
Target Compounds	Qvalue

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

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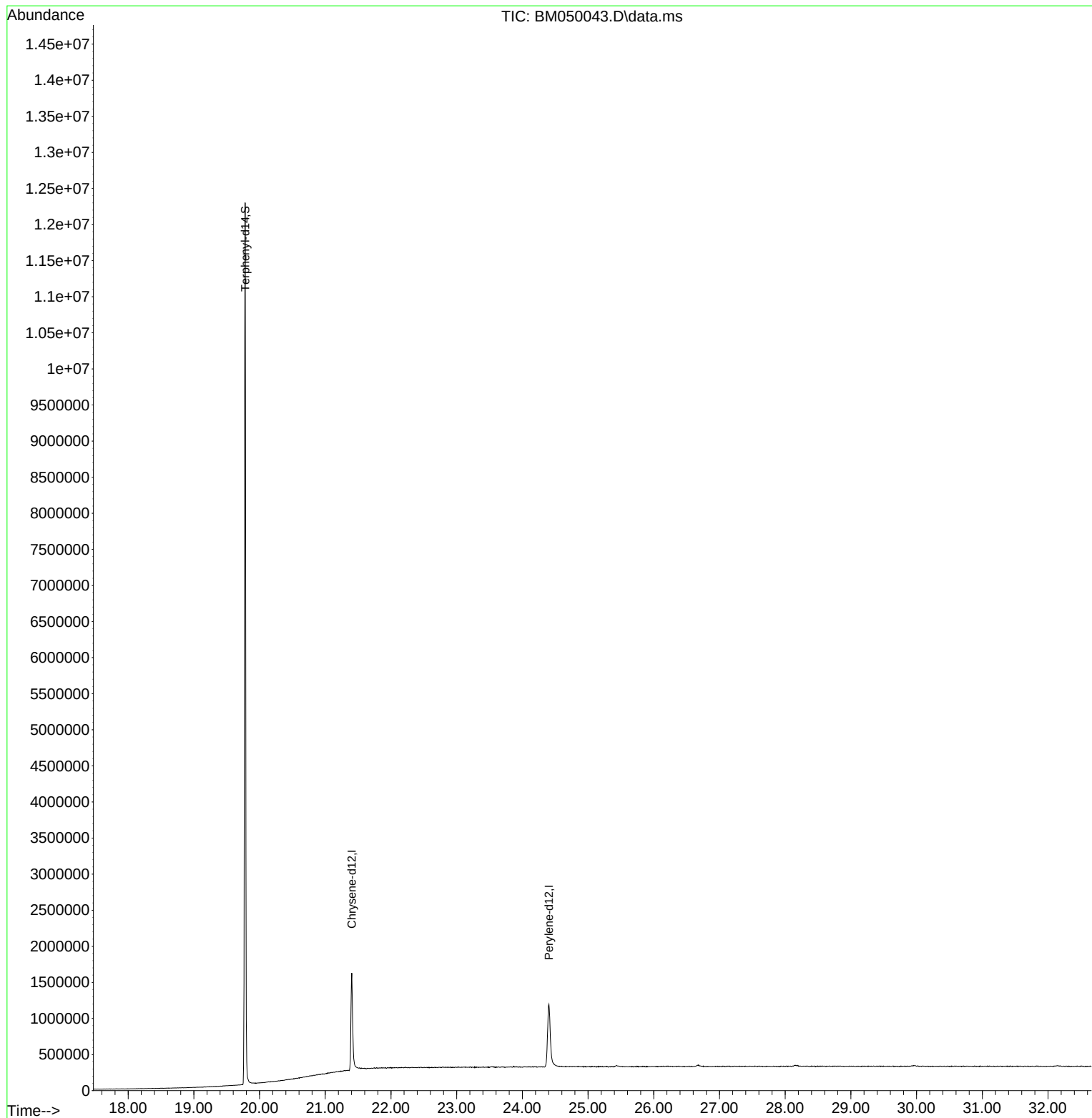
Quant Time: Apr 30 12:10:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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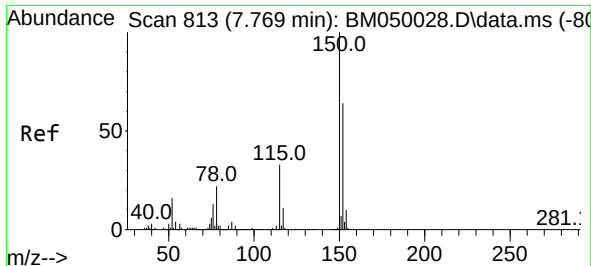


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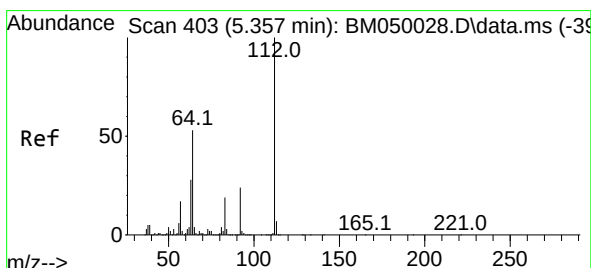
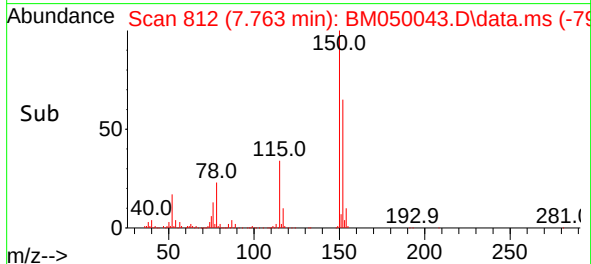
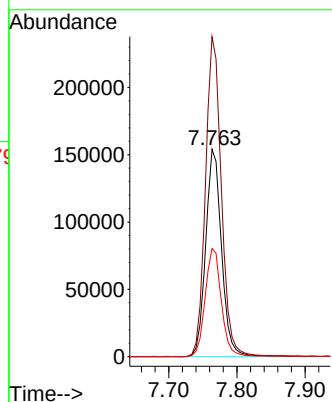
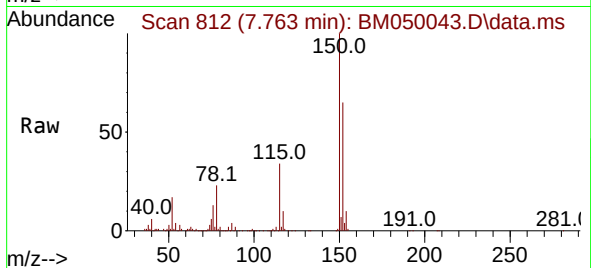




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM050043.D
Acq: 30 Apr 2025 11:32

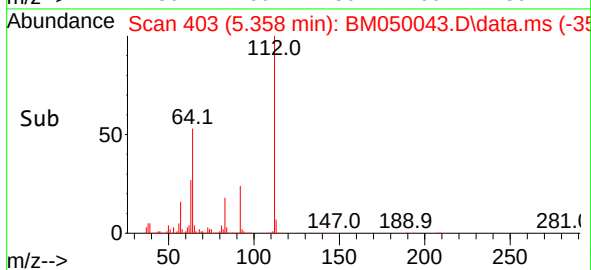
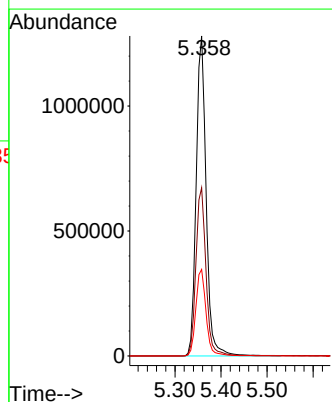
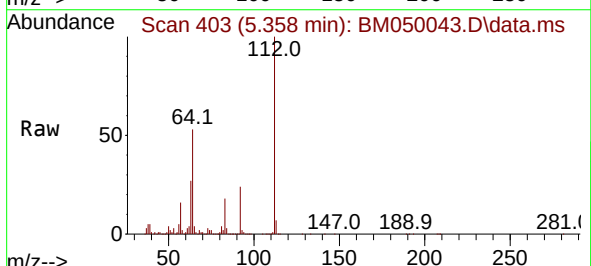
Instrument :
BNA_M
ClientSampleId :
PB167767BL

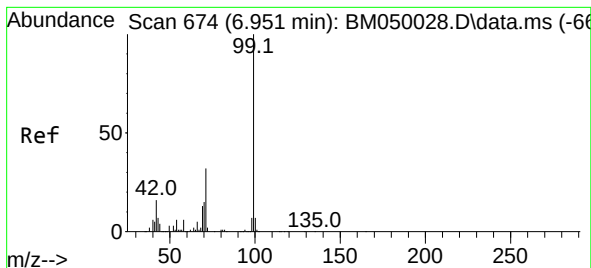
Tgt Ion:152 Resp: 249874
Ion Ratio Lower Upper
152 100
150 154.4 124.1 186.1
115 52.2 41.2 61.8



#5
2-Fluorophenol
Concen: 134.564 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050043.D
Acq: 30 Apr 2025 11:32

Tgt Ion:112 Resp: 1920198
Ion Ratio Lower Upper
112 100
64 52.6 42.6 64.0
63 27.0 22.2 33.4





#7

Phenol-d6

Concen: 129.981 ng

RT: 6.952 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM050043.D

Acq: 30 Apr 2025 11:32

Instrument :

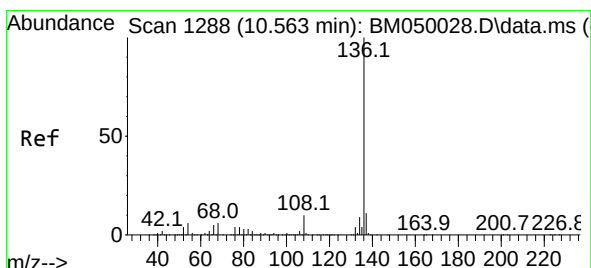
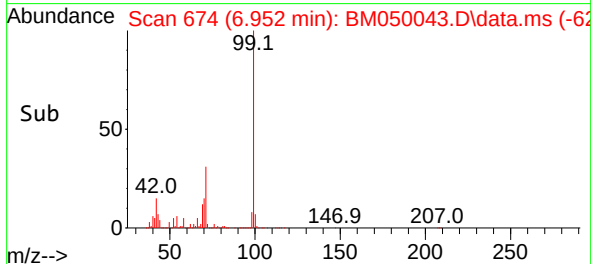
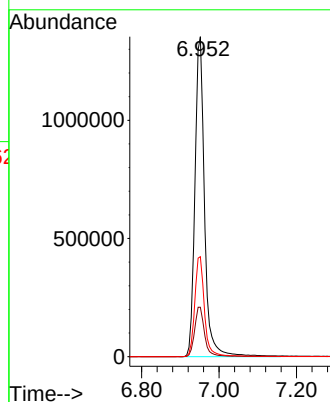
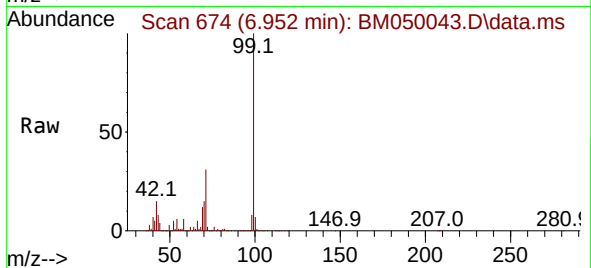
BNA_M

ClientSampleId :

PB167767BL

Tgt Ion: 99 Resp: 2331248

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	31.3	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

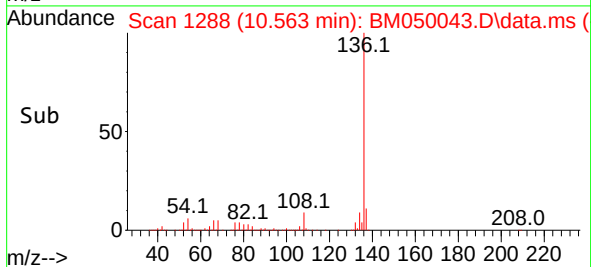
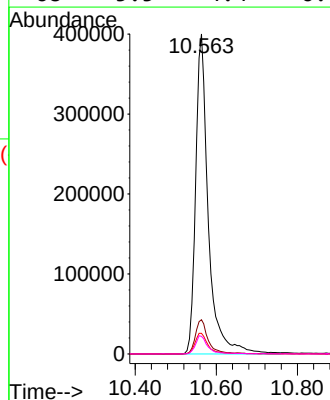
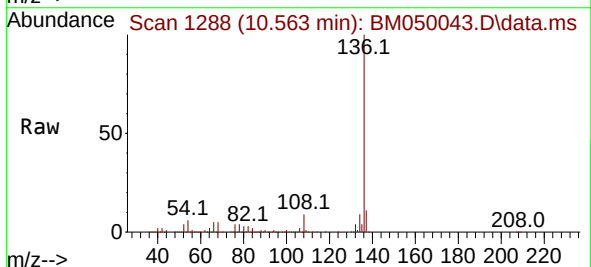
Delta R.T. 0.000 min

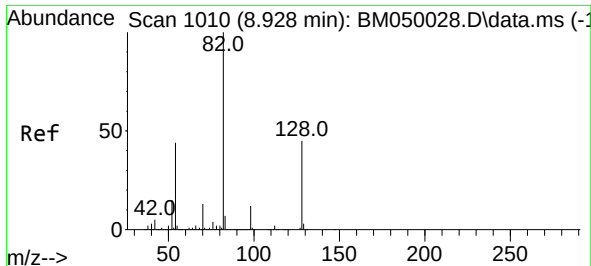
Lab File: BM050043.D

Acq: 30 Apr 2025 11:32

Tgt Ion: 136 Resp: 868570

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.4	6.6

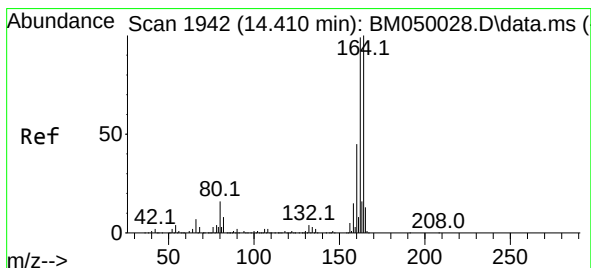
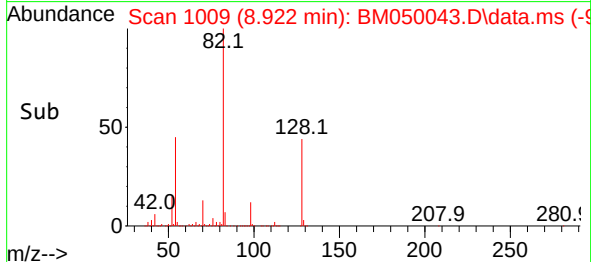
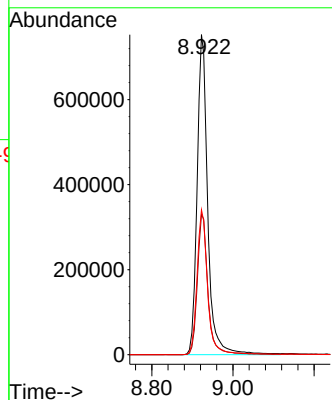
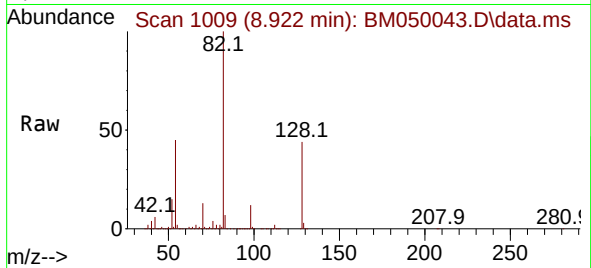




#23
Nitrobenzene-d5
Concen: 78.081 ng
RT: 8.922 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050043.D
Acq: 30 Apr 2025 11:32

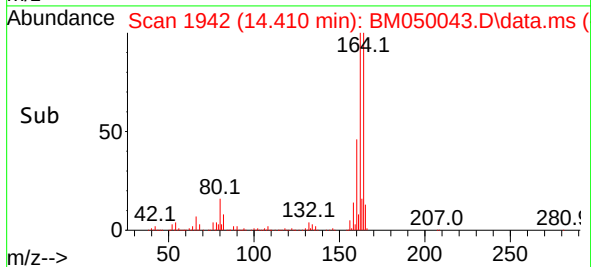
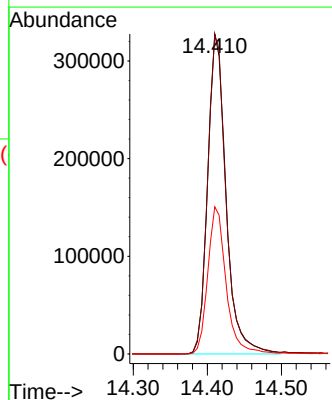
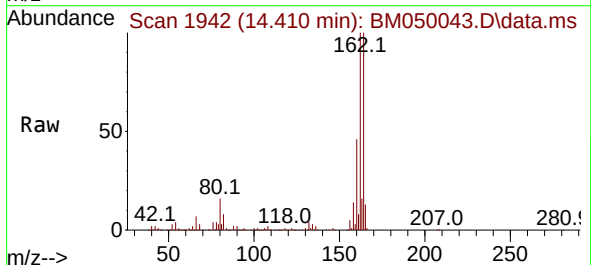
Instrument :
BNA_M
ClientSampleId :
PB167767BL

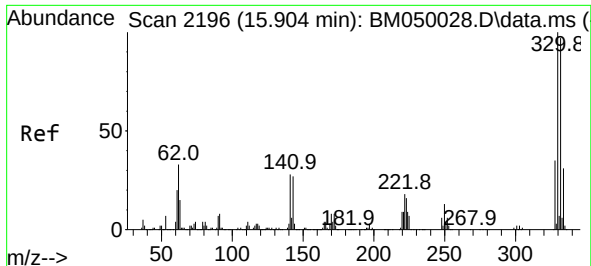
Tgt Ion: 82 Resp: 1376298
Ion Ratio Lower Upper
82 100
128 43.8 35.7 53.5
54 45.3 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM050043.D
Acq: 30 Apr 2025 11:32

Tgt Ion:164 Resp: 566090
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 46.0 36.2 54.4

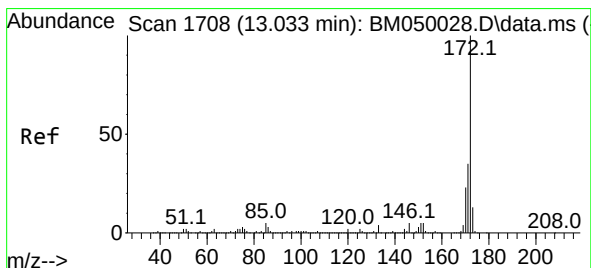
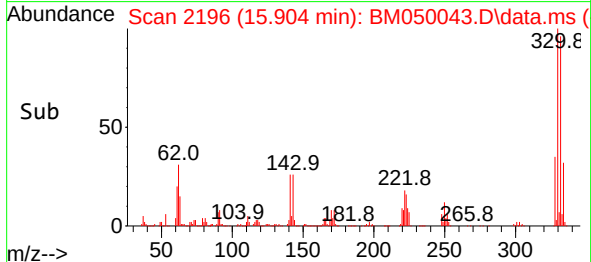
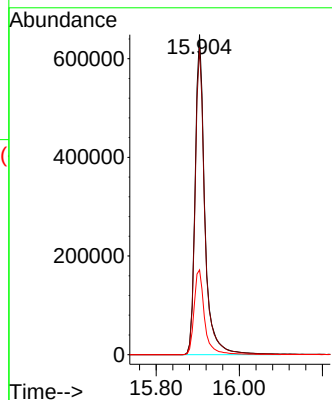
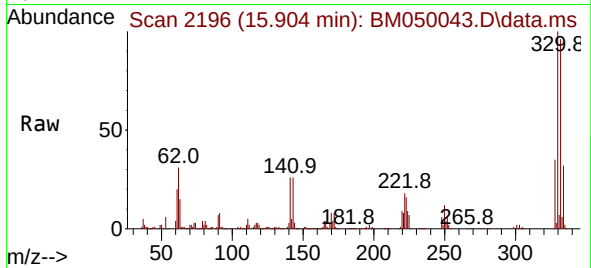




#42
2,4,6-Tribromophenol
Concen: 125.528 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050043.D
Acq: 30 Apr 2025 11:32

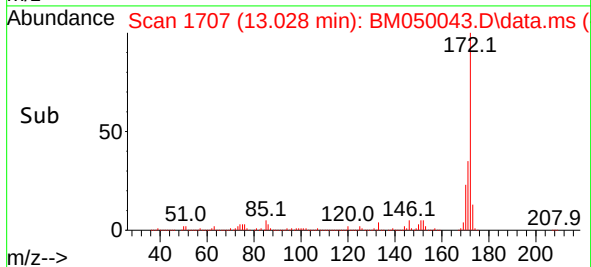
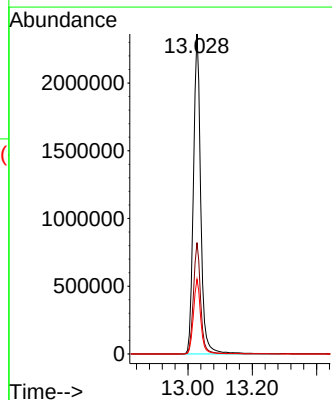
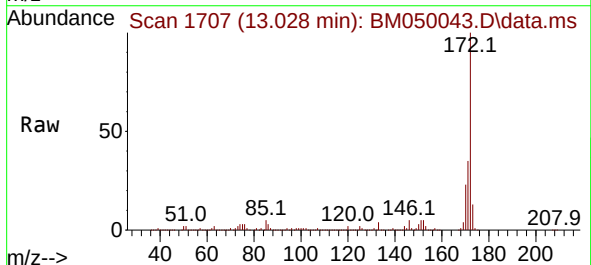
Instrument :
BNA_M
ClientSampleId :
PB167767BL

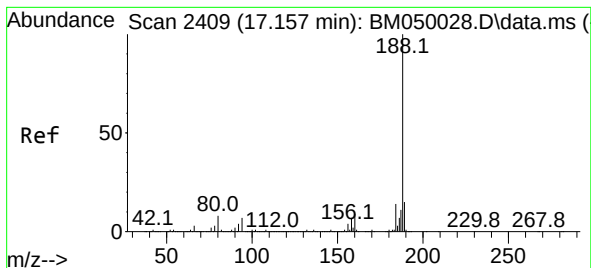
Tgt Ion:330 Resp: 1050716
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 28.7 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 78.293 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050043.D
Acq: 30 Apr 2025 11:32

Tgt Ion:172 Resp: 3746538
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BM050043.D

Acq: 30 Apr 2025 11:32

Instrument :

BNA_M

ClientSampleId :

PB167767BL

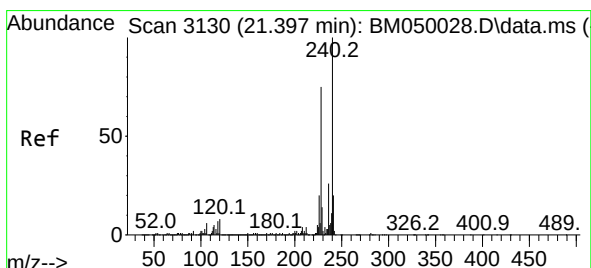
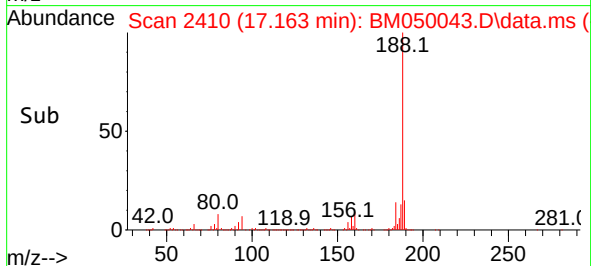
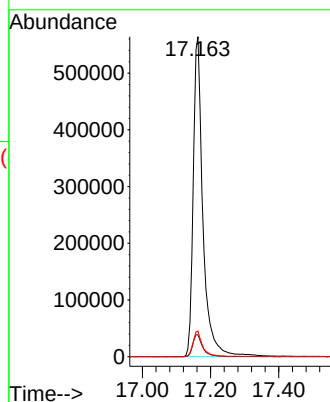
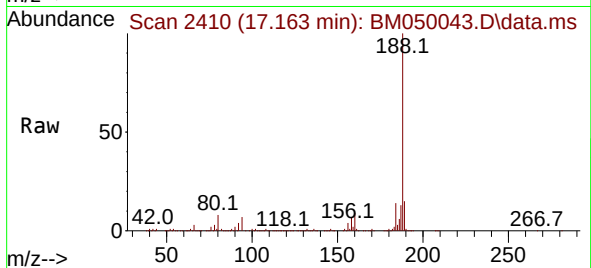
Tgt Ion:188 Resp: 1115534

Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

80 8.0 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. 0.007 min

Lab File: BM050043.D

Acq: 30 Apr 2025 11:32

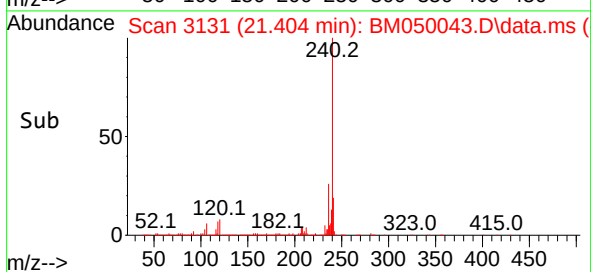
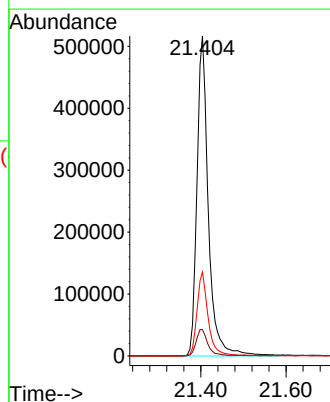
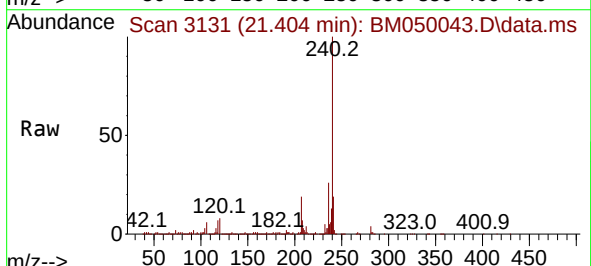
Tgt Ion:240 Resp: 957826

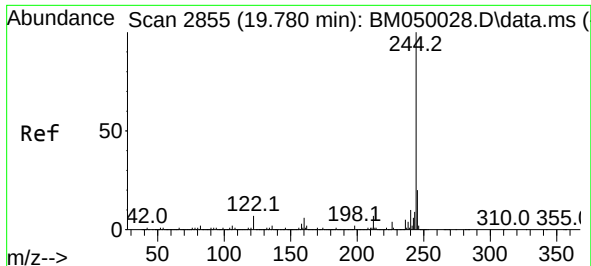
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.2 20.9 31.3

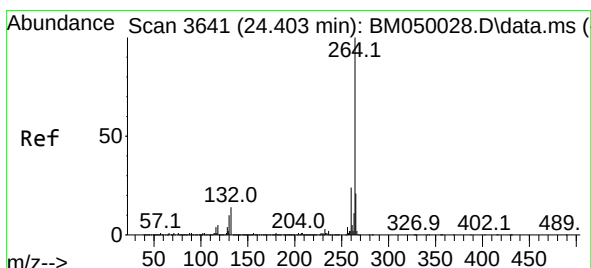
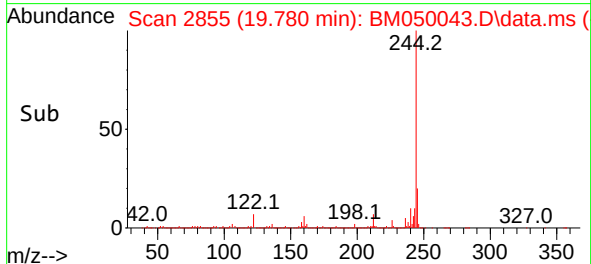
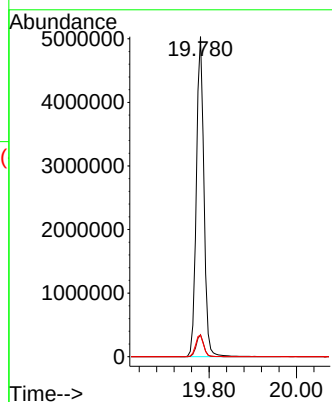
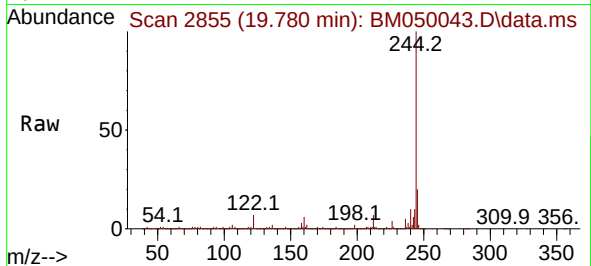




#79
 Terphenyl-d14
 Concen: 93.601 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. 0.000 min
 Lab File: BM050043.D
 Acq: 30 Apr 2025 11:32

Instrument :
 BNA_M
 ClientSampleId :
 PB167767BL

Tgt Ion:244 Resp: 6058712
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.404 min Scan# 3641
 Delta R.T. 0.000 min
 Lab File: BM050043.D
 Acq: 30 Apr 2025 11:32

Tgt Ion:264 Resp: 1005381
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.9 17.0 25.4

