

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050033.D
 Acq On : 28 Apr 2025 19:40
 Operator : RC/JU
 Sample : PB167739BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167739BL

Quant Time: Apr 29 01:38:59 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	7.769	152	263639	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	901156	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	601115	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1172622	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1050852	20.000	ng	0.00
86) Perylene-d12	24.403	264	1111633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1938648	128.764	ng	0.00
7) Phenol-d6	6.951	99	2353112	124.350	ng	0.00
23) Nitrobenzene-d5	8.928	82	1387396	75.865	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1118961	125.892	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3801331	74.810	ng	0.00
79) Terphenyl-d14	19.780	244	6249498	88.001	ng	0.00

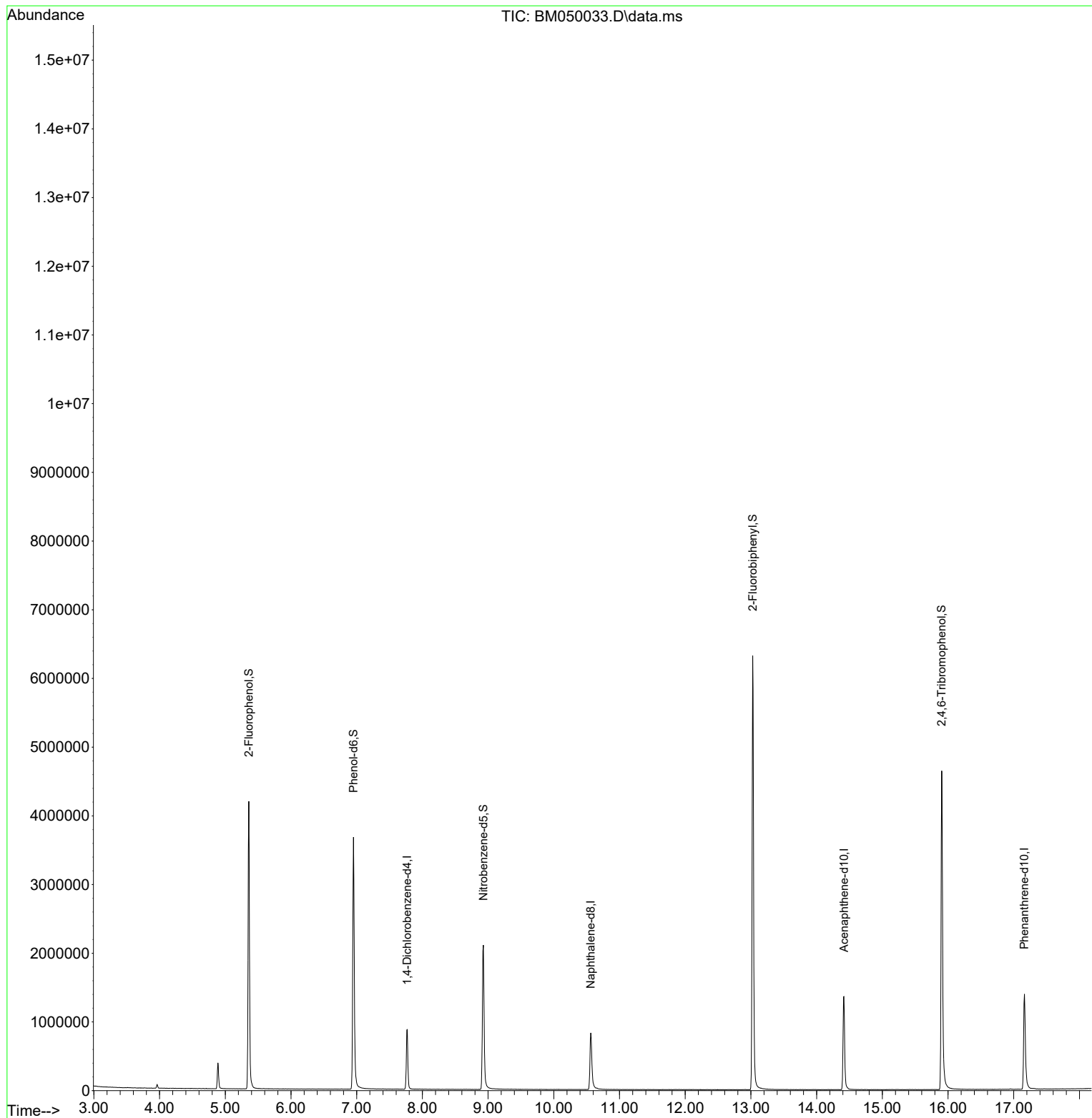
Target Compounds	Qvalue

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

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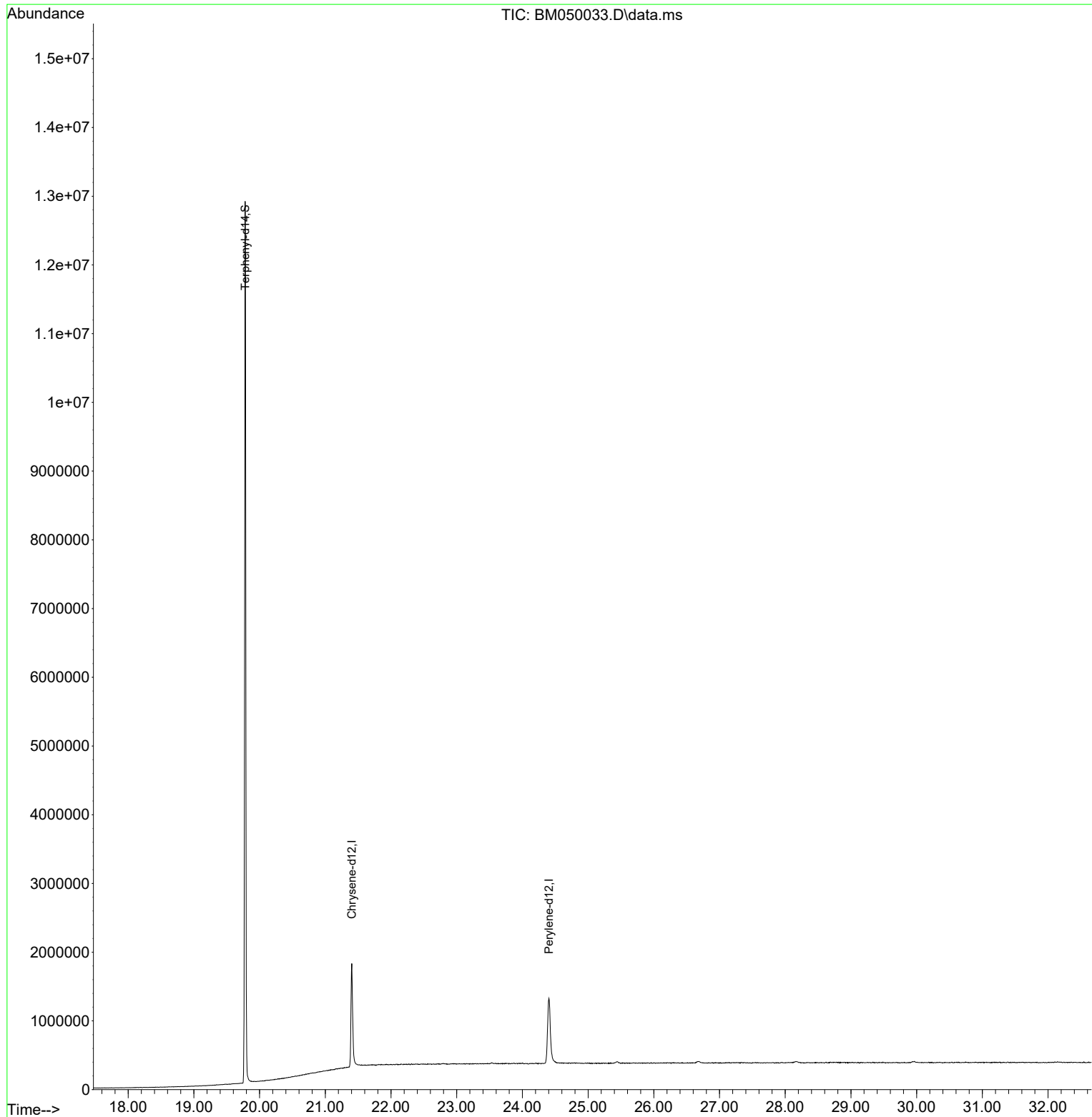
Quant Time: Apr 29 01:38:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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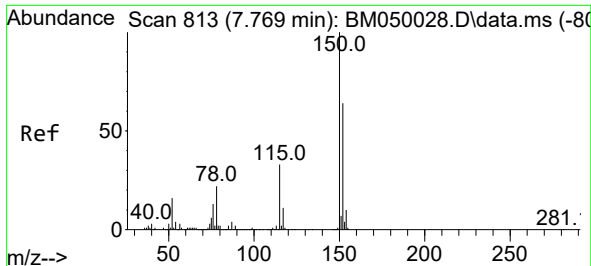


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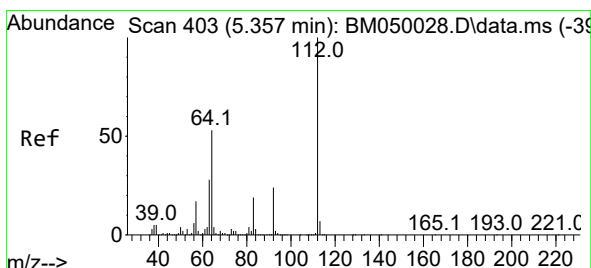
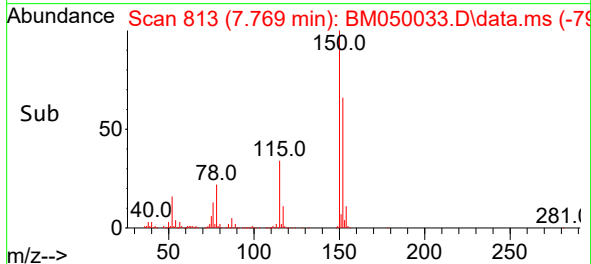
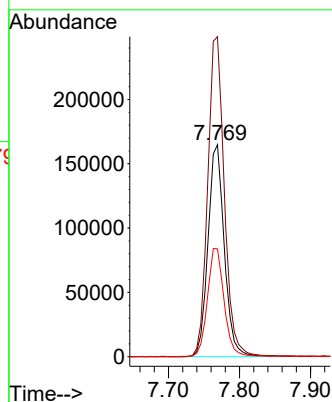
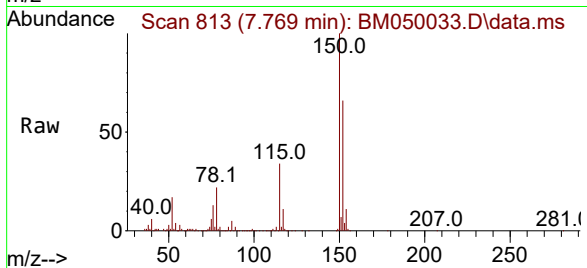




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM050033.D
Acq: 28 Apr 2025 19:40

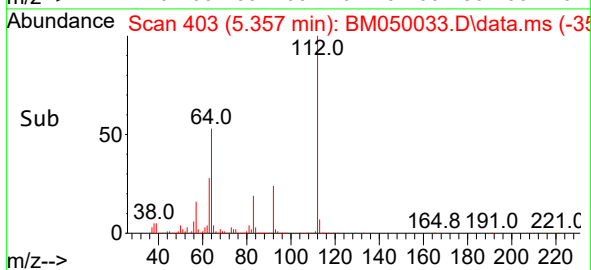
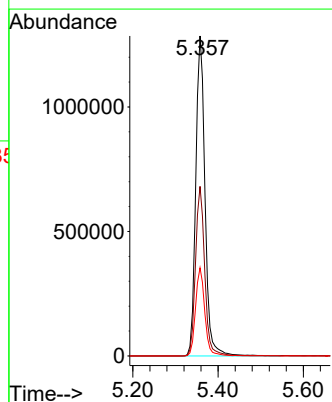
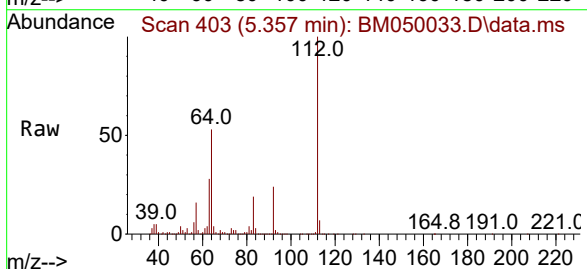
Instrument :
BNA_M
ClientSampleId :
PB167739BL

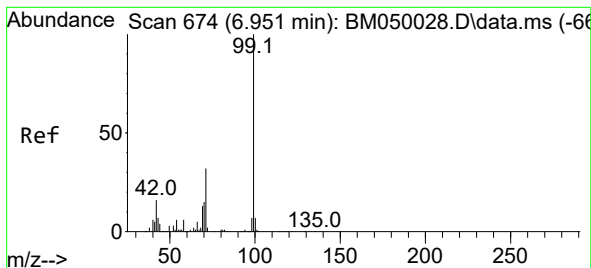
Tgt Ion:152 Resp: 263639
Ion Ratio Lower Upper
152 100
150 150.9 124.1 186.1
115 50.8 41.2 61.8



#5
2-Fluorophenol
Concen: 128.764 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050033.D
Acq: 28 Apr 2025 19:40

Tgt Ion:112 Resp: 1938648
Ion Ratio Lower Upper
112 100
64 53.0 42.6 64.0
63 27.6 22.2 33.4





#7

Phenol-d6

Concen: 124.350 ng

RT: 6.951 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM050033.D

Acq: 28 Apr 2025 19:40

Instrument :

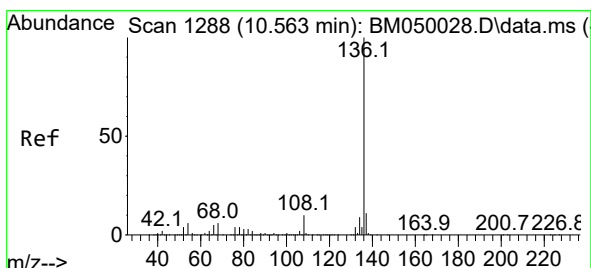
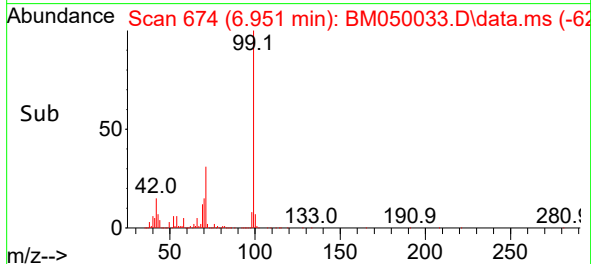
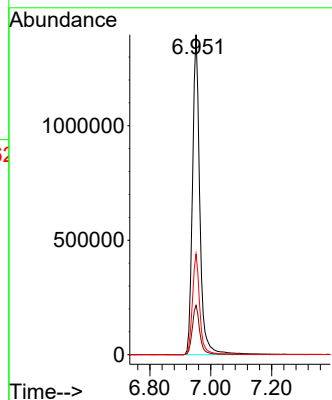
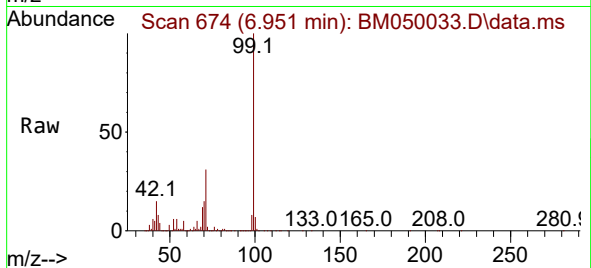
BNA_M

ClientSampleId :

PB167739BL

Tgt Ion: 99 Resp: 2353112

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.5	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

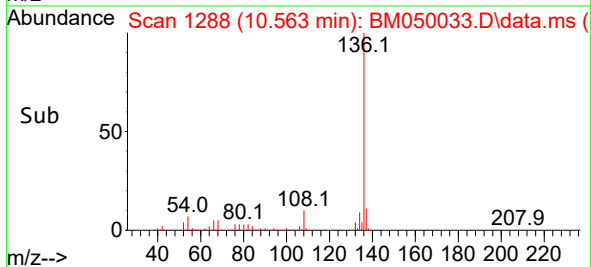
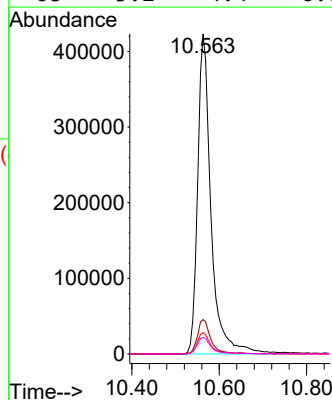
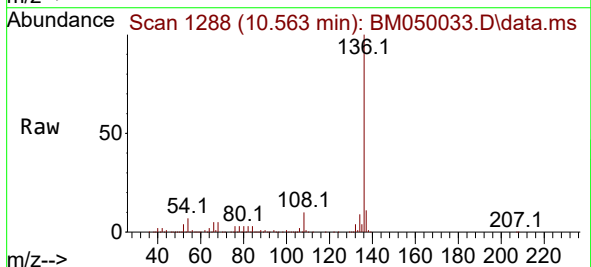
Delta R.T. 0.000 min

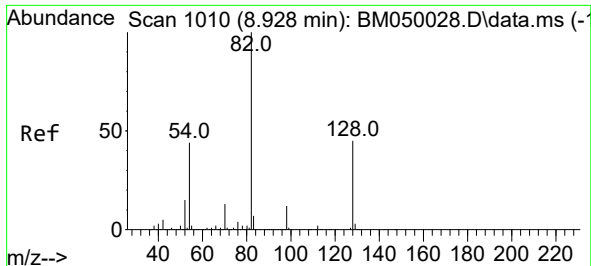
Lab File: BM050033.D

Acq: 28 Apr 2025 19:40

Tgt Ion: 136 Resp: 901156

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	5.1	7.7
68	5.2	4.4	6.6

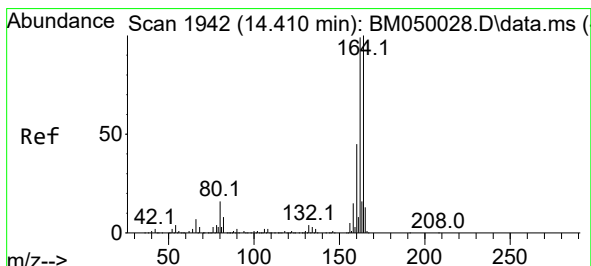
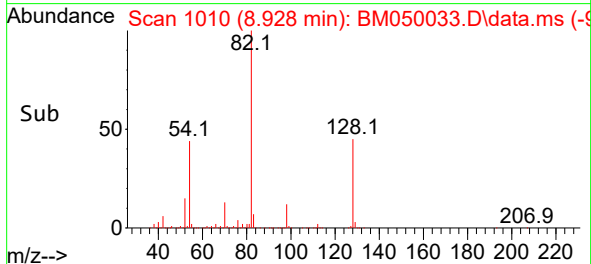
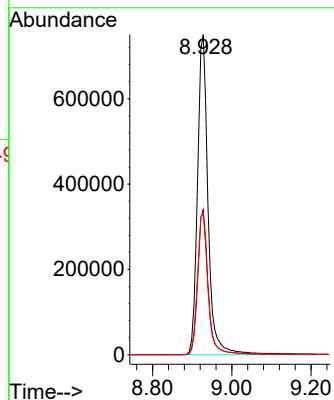
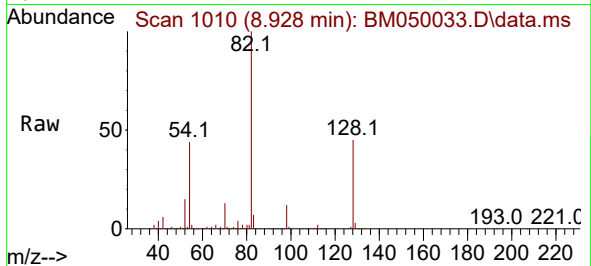




#23
Nitrobenzene-d5
Concen: 75.865 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM050033.D
Acq: 28 Apr 2025 19:40

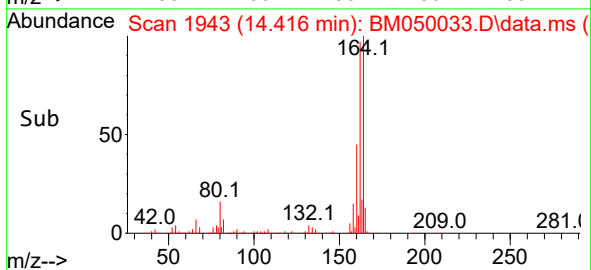
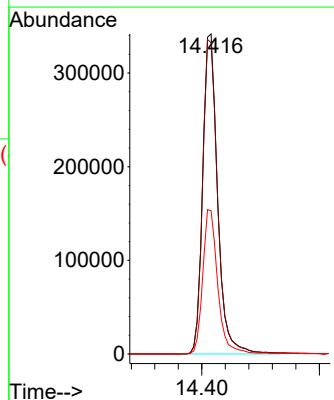
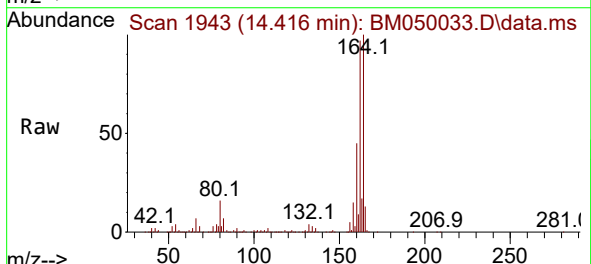
Instrument :
BNA_M
ClientSampleId :
PB167739BL

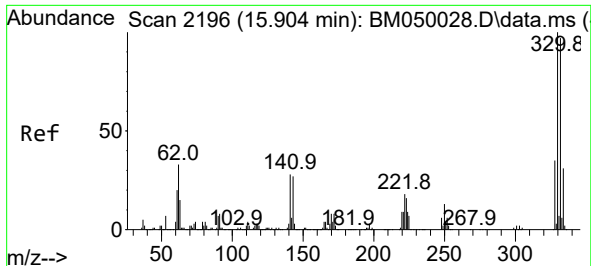
Tgt Ion: 82 Resp: 1387396
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 43.9 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM050033.D
Acq: 28 Apr 2025 19:40

Tgt Ion: 164 Resp: 601115
Ion Ratio Lower Upper
164 100
162 97.3 79.4 119.0
160 44.8 36.2 54.4

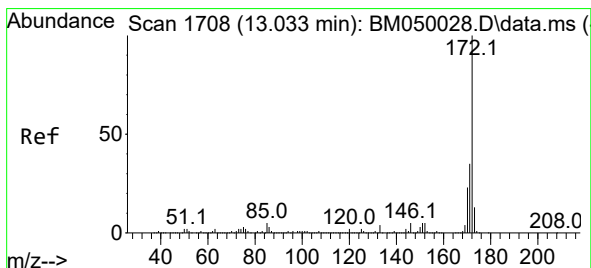
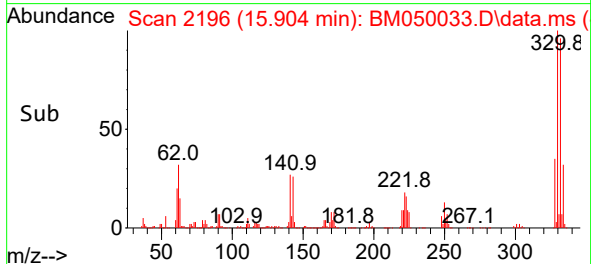
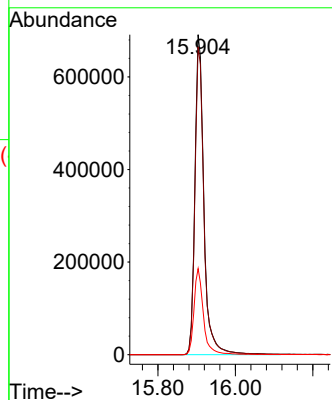
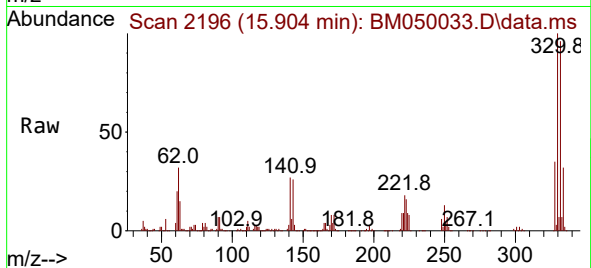




#42
2,4,6-Tribromophenol
Concen: 125.892 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050033.D
Acq: 28 Apr 2025 19:40

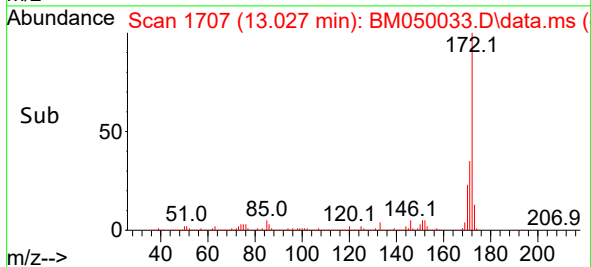
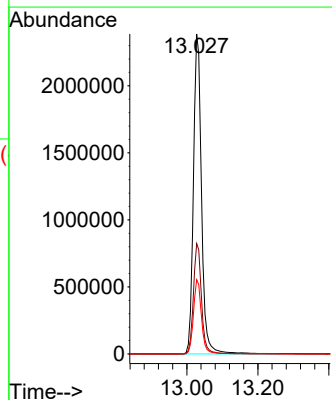
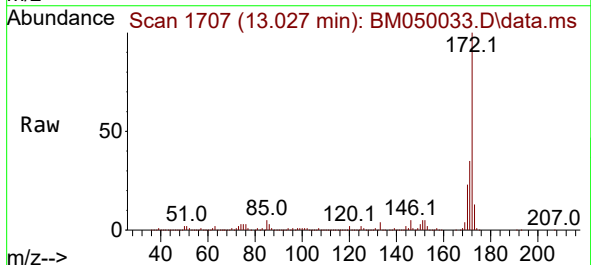
Instrument :
BNA_M
ClientSampleId :
PB167739BL

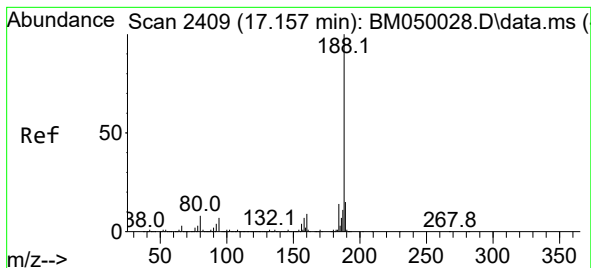
Tgt Ion:330 Resp: 1118961
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 28.0 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 74.810 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050033.D
Acq: 28 Apr 2025 19:40

Tgt Ion:172 Resp: 3801331
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM050033.D

Acq: 28 Apr 2025 19:40

Instrument :

BNA_M

ClientSampleId :

PB167739BL

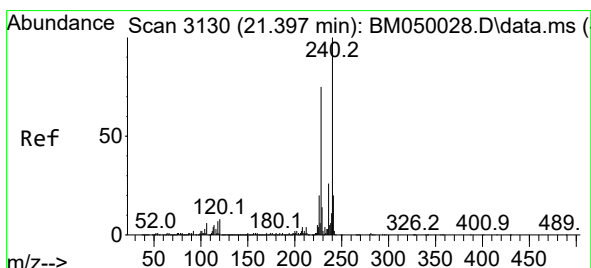
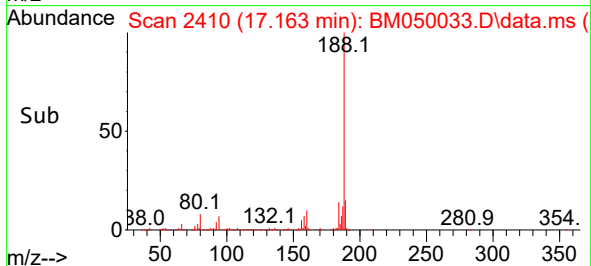
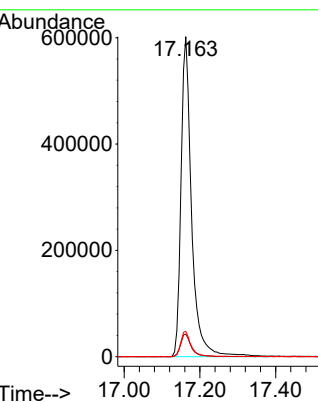
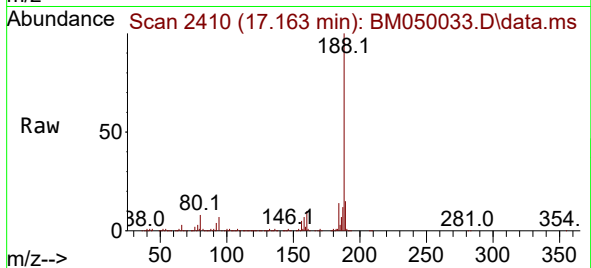
Tgt Ion:188 Resp: 1172622

Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

80 7.9 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. 0.006 min

Lab File: BM050033.D

Acq: 28 Apr 2025 19:40

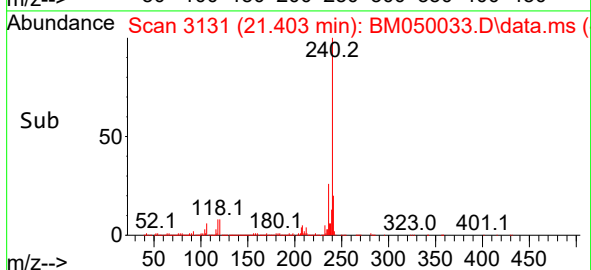
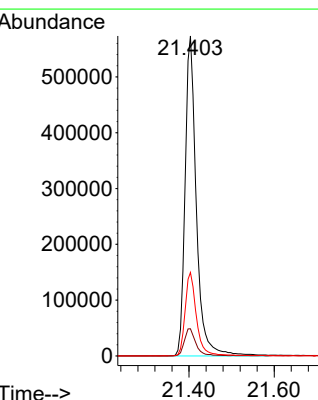
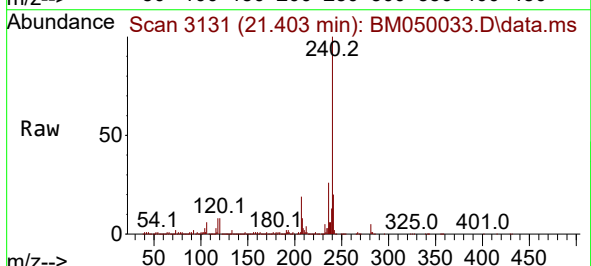
Tgt Ion:240 Resp: 1050852

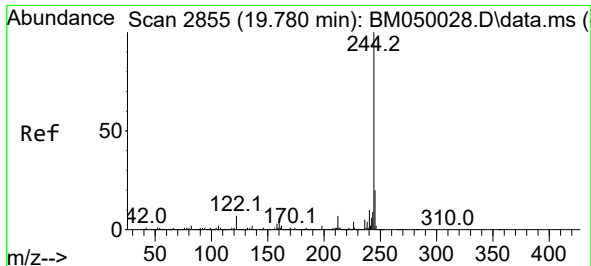
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 26.1 20.9 31.3

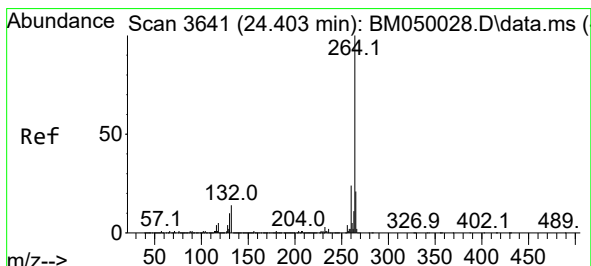
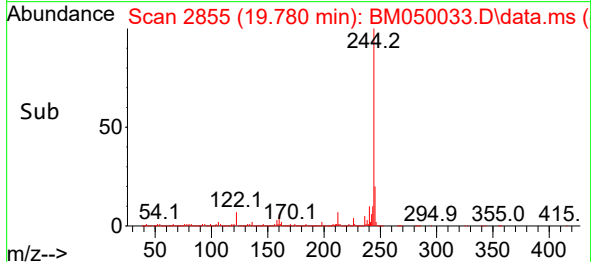
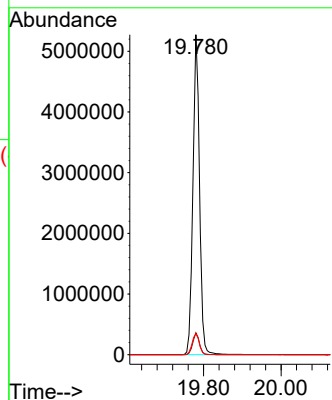
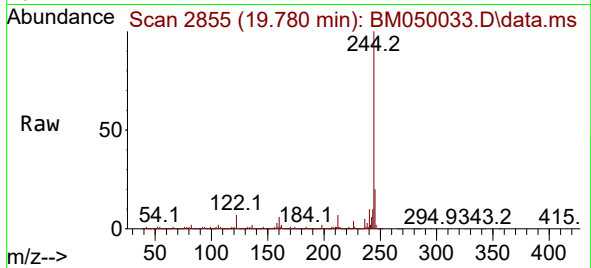




#79
 Terphenyl-d14
 Concen: 88.001 ng
 RT: 19.780 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050033.D
 Acq: 28 Apr 2025 19:40

Instrument :
 BNA_M
 ClientSampleId :
 PB167739BL

Tgt Ion:244 Resp: 6249498
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 6.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. 0.000 min
 Lab File: BM050033.D
 Acq: 28 Apr 2025 19:40

Tgt Ion:264 Resp: 1111633
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.8 17.0 25.4

