

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049945.D
 Acq On : 16 Apr 2025 10:07
 Operator : RC/JU
 Sample : PB167561BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167561BL

Quant Time: Apr 16 11:51:49 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)

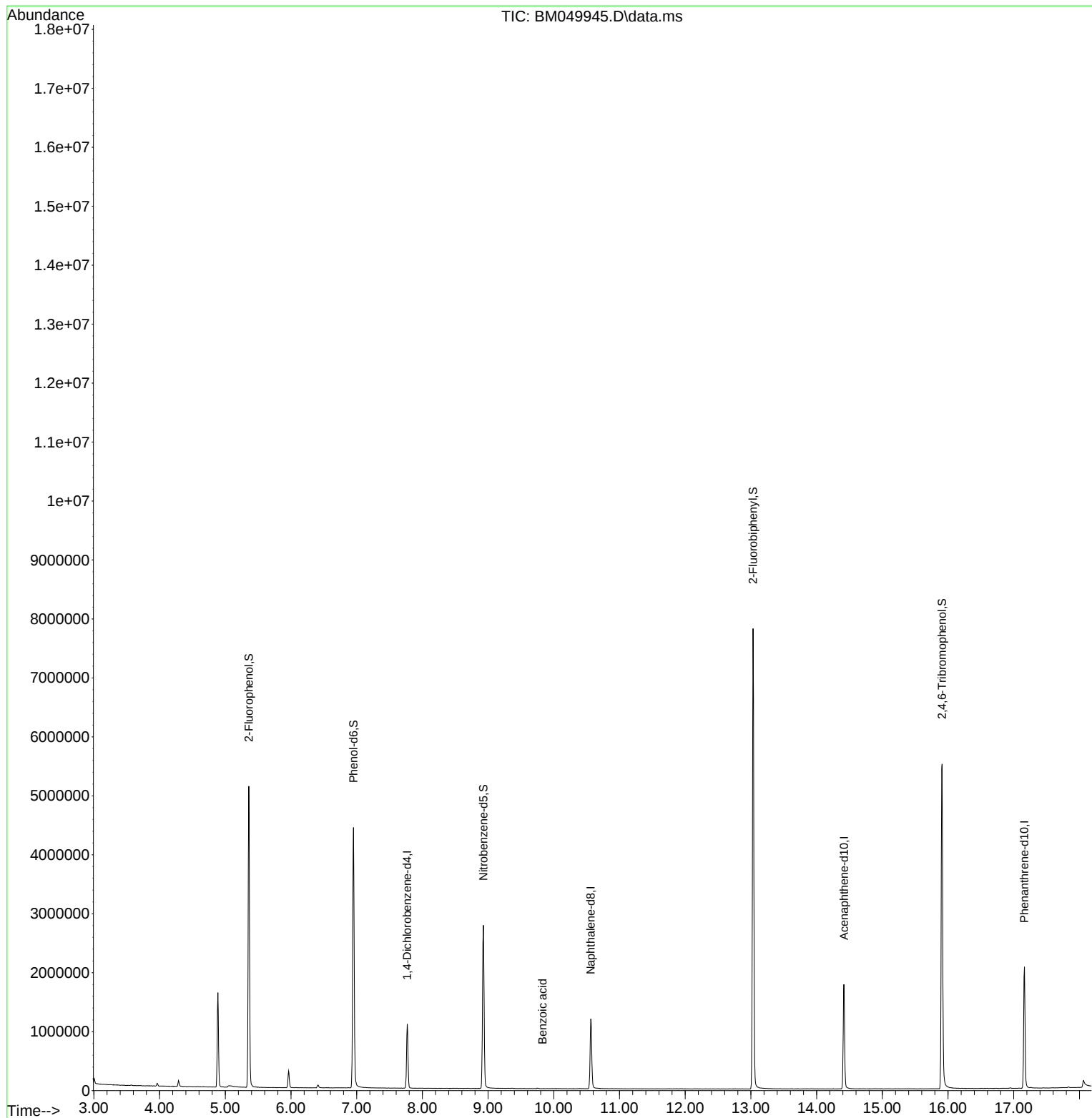
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	310343	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1063536	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	678492	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1318072	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1245979	20.000	ng	0.00
86) Perylene-d12	24.409	264	1372280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2279543	124.728	ng	0.00
7) Phenol-d6	6.951	99	2734266	120.246	ng	0.00
23) Nitrobenzene-d5	8.928	82	1657351	86.777	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1319509	133.704	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4318879	86.316	ng	-0.01
79) Terphenyl-d14	19.786	244	7025803	105.674	ng	0.00
Target Compounds						
32) Benzoic acid	9.828	122	77	8.543	ng	Qvalue # 1

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

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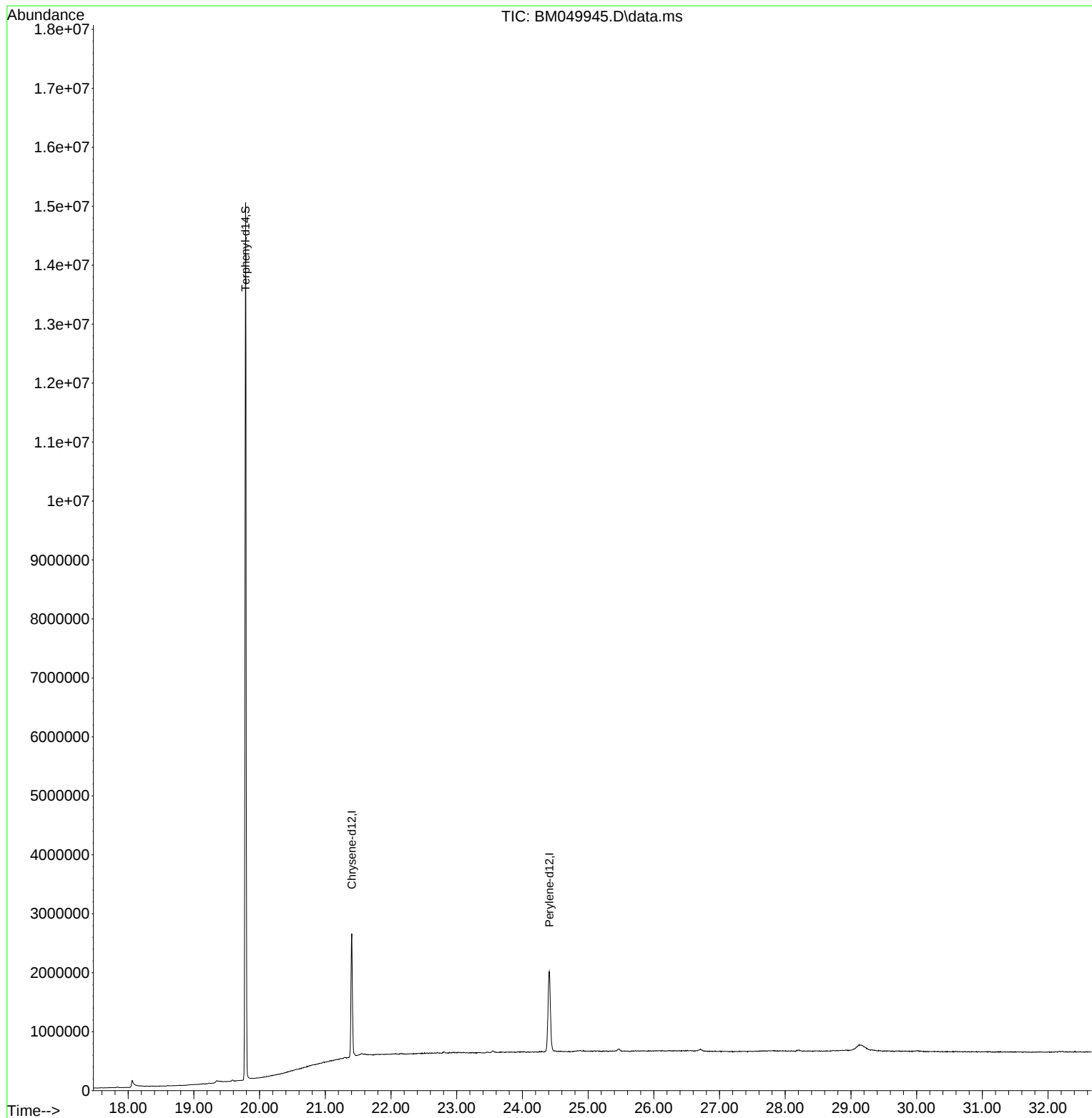
Quant Time: Apr 16 11:51:49 2025
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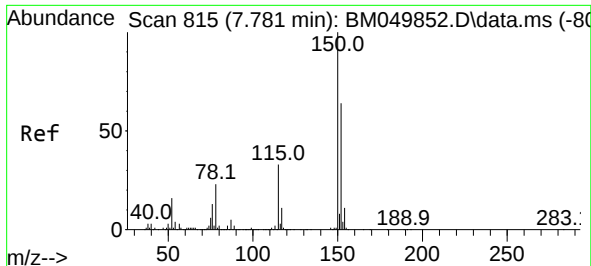


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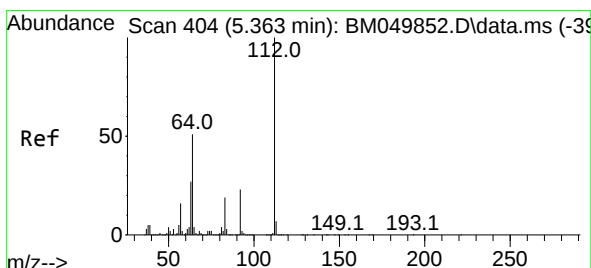
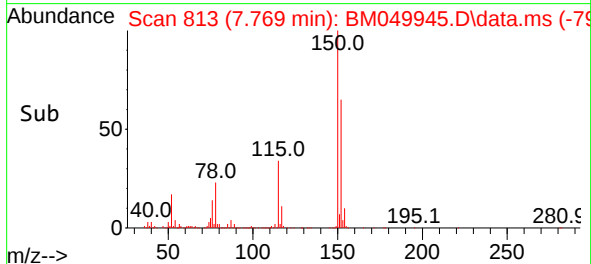
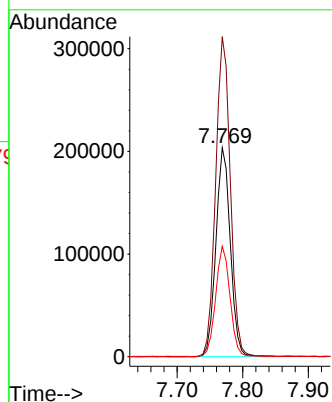
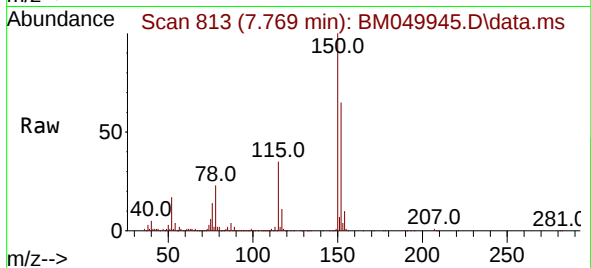




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

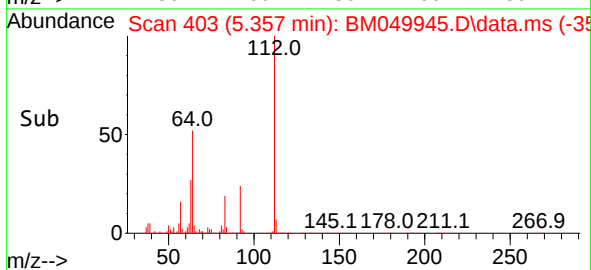
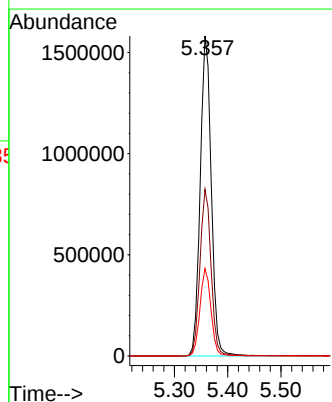
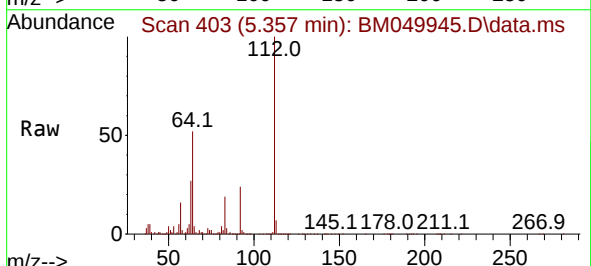
Instrument :
BNA_M
ClientSampleId :
PB167561BL

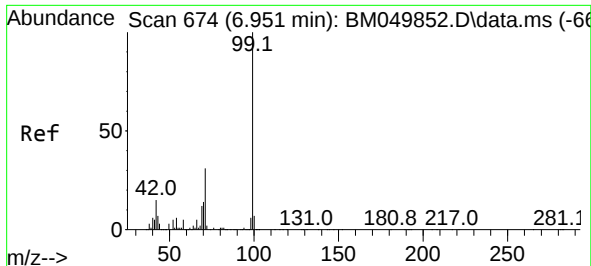
Tgt Ion:152 Resp: 310343
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 52.8 41.1 61.7



#5
2-Fluorophenol
Concen: 124.728 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:112 Resp: 2279543
Ion Ratio Lower Upper
112 100
64 52.1 41.0 61.6
63 27.3 21.5 32.3

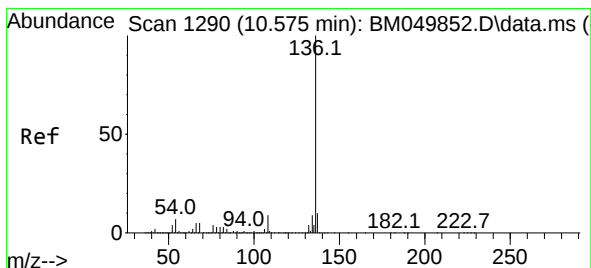
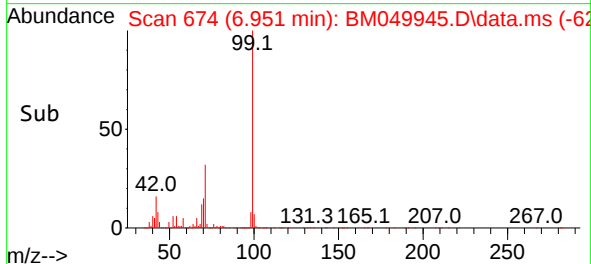
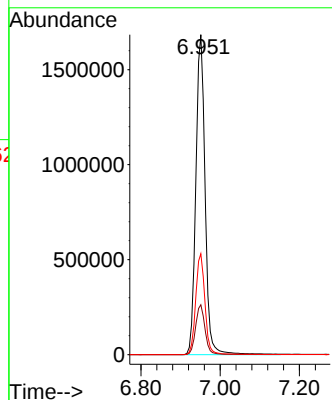
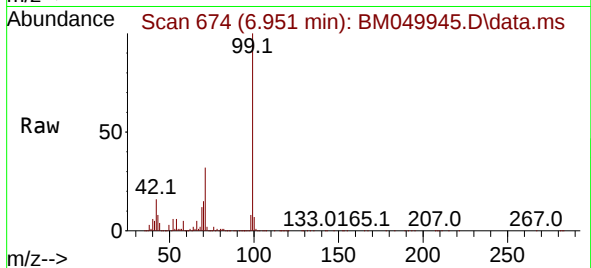




#7
Phenol-d6
Concen: 120.246 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

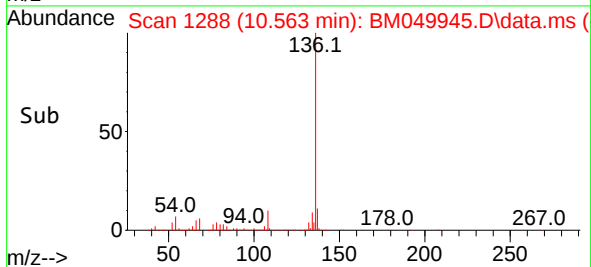
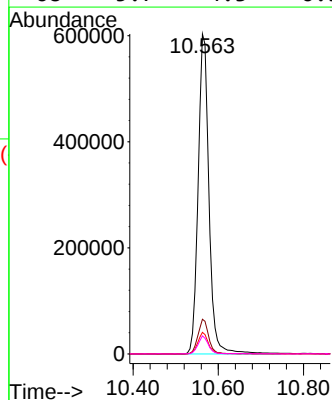
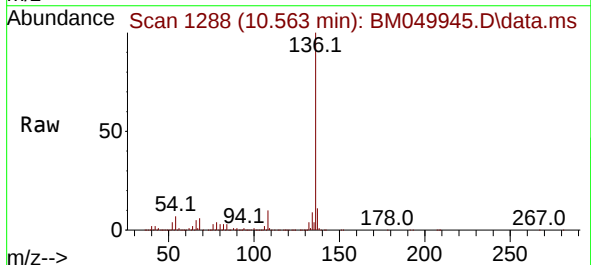
Instrument :
BNA_M
ClientSampleId :
PB167561BL

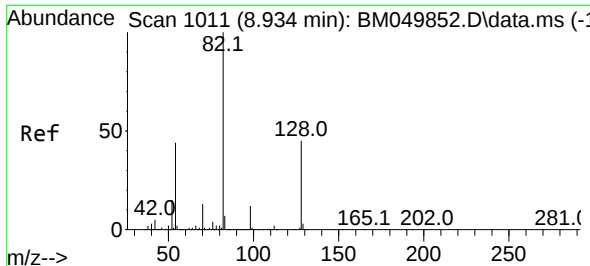
Tgt Ion: 99 Resp: 2734266
Ion Ratio Lower Upper
99 100
42 15.6 12.1 18.1
71 31.6 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion: 136 Resp: 1063536
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 5.3 7.9
68 5.7 4.3 6.5

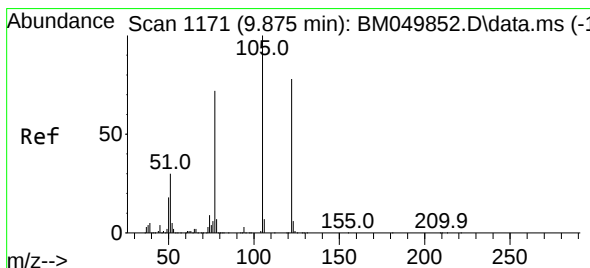
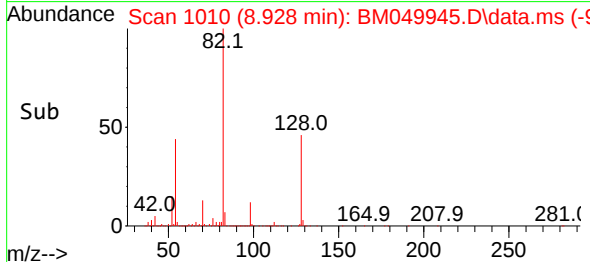
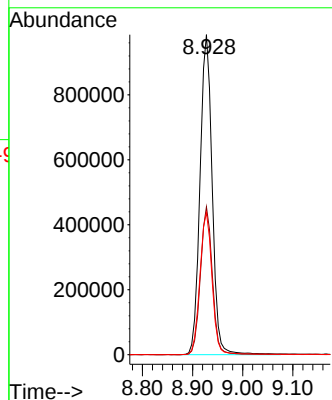
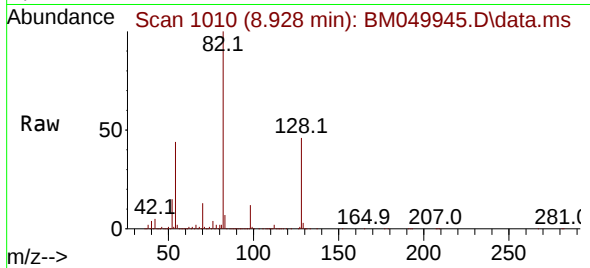




#23
Nitrobenzene-d5
Concen: 86.777 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

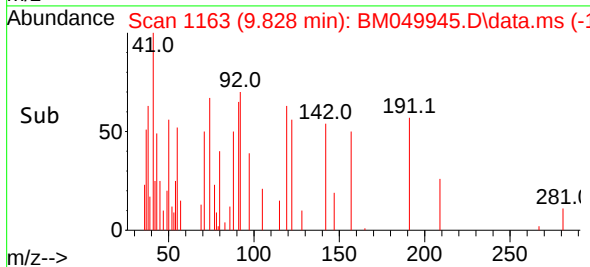
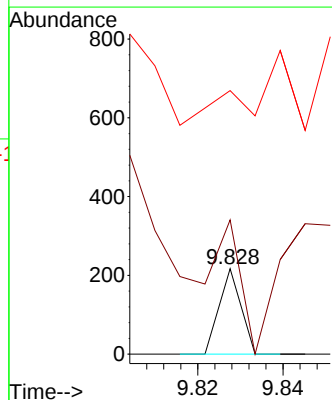
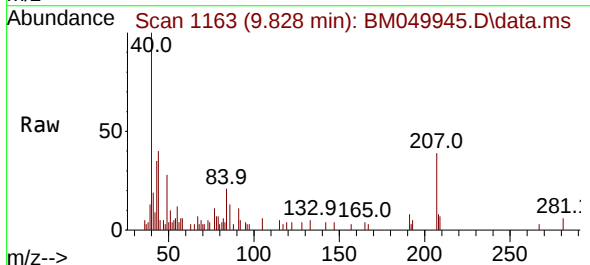
Instrument :
BNA_M
ClientSampleId :
PB167561BL

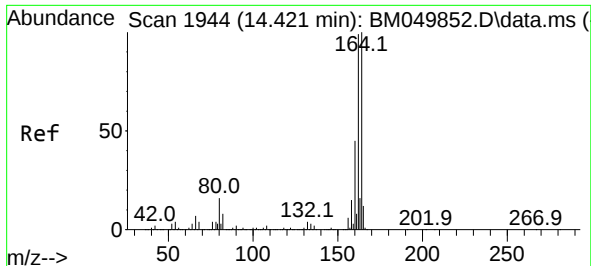
Tgt Ion: 82 Resp: 1657351
Ion Ratio Lower Upper
82 100
128 46.2 36.2 54.2
54 44.4 35.0 52.6



#32
Benzoic acid
Concen: 8.543 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.047 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

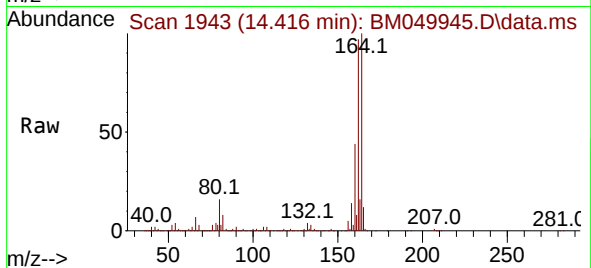
Tgt Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 157.1 103.8 143.8#
77 308.3 70.7 110.7#



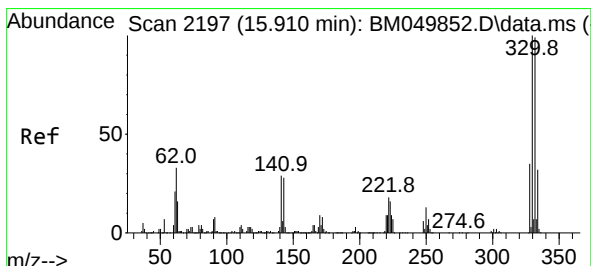
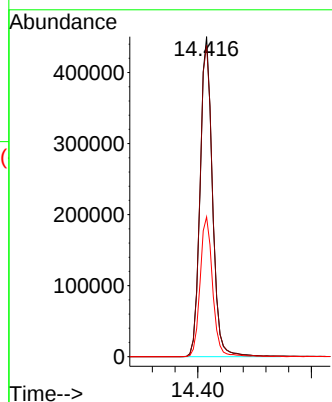
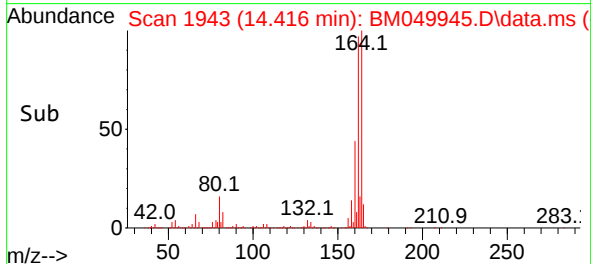


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

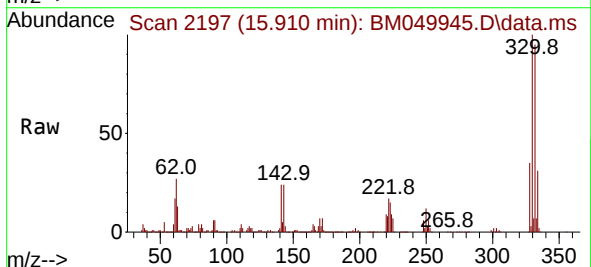
Instrument :
BNA_M
ClientSampleId :
PB167561BL



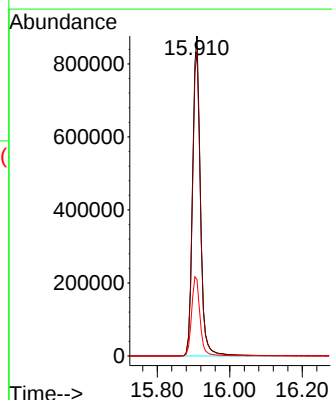
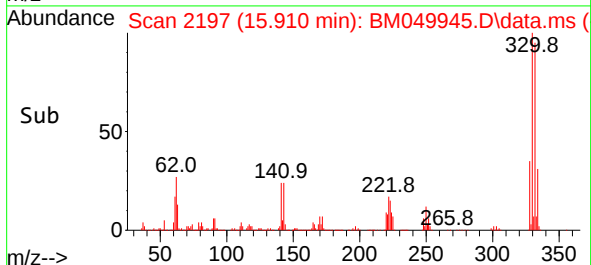
Tgt Ion:164 Resp: 678492
Ion Ratio Lower Upper
164 100
162 97.4 79.4 119.0
160 43.6 36.2 54.2

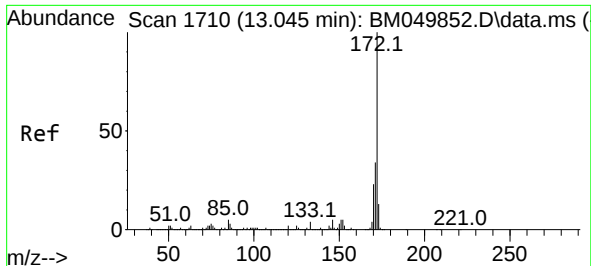


#42
2,4,6-Tribromophenol
Concen: 133.704 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07



Tgt Ion:330 Resp: 1319509
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 26.5 23.5 35.3

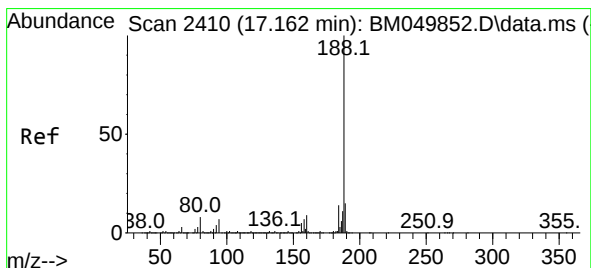
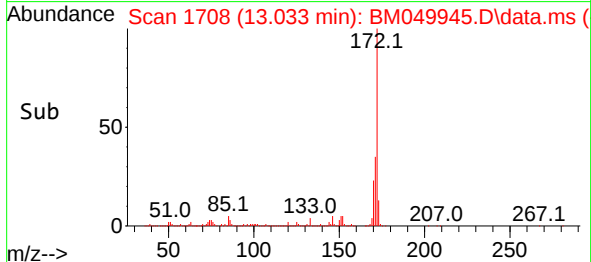
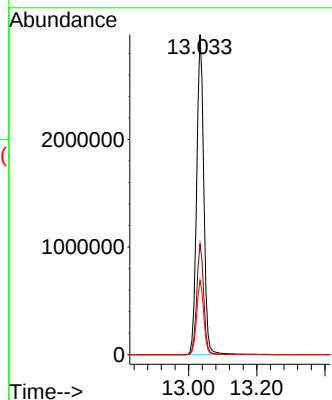
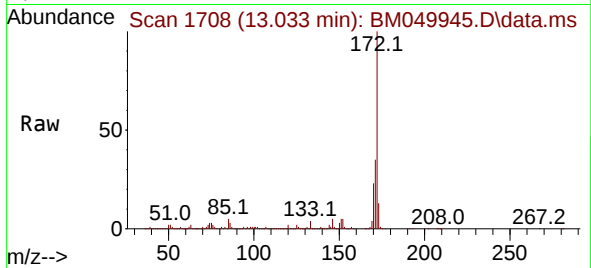




#45
2-Fluorobiphenyl
Concen: 86.316 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

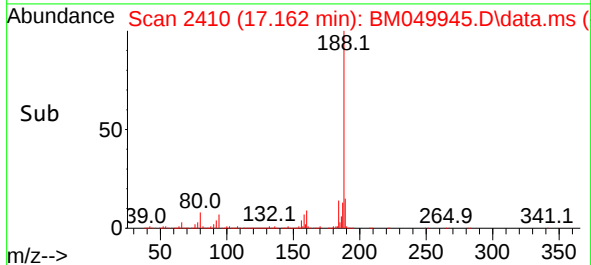
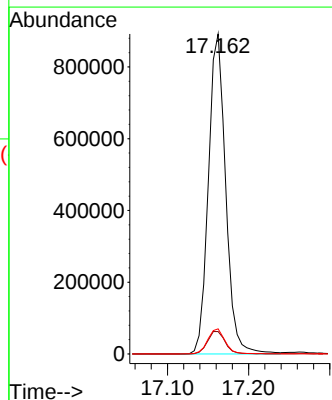
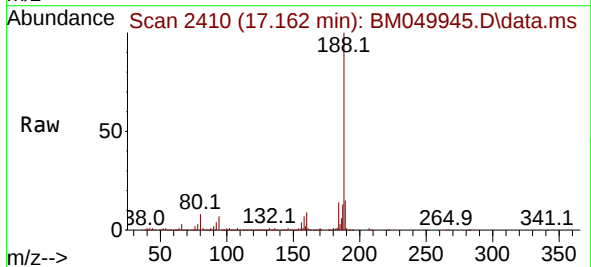
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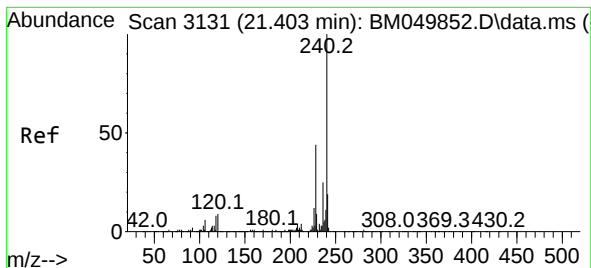
Tgt Ion:172 Resp: 4318879
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:188 Resp: 1318072
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.6
80 7.9 6.4 9.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM049945.D

Acq: 16 Apr 2025 10:07

Instrument :

BNA_M

ClientSampleId :

PB167561BL

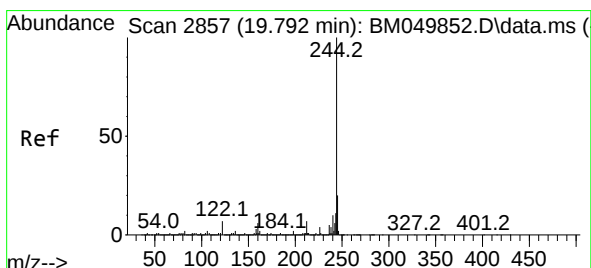
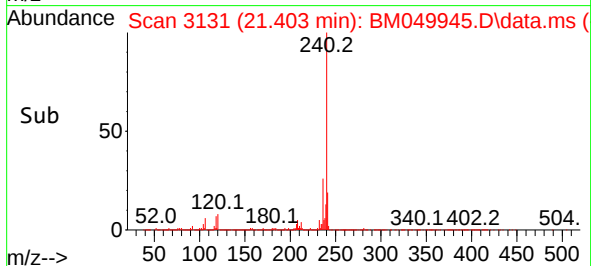
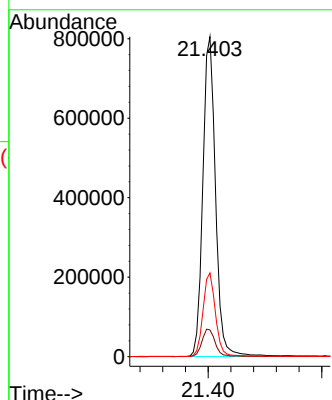
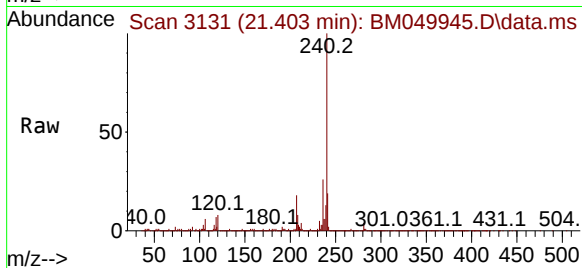
Tgt Ion:240 Resp: 1245979

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 26.2 20.4 30.6



#79

Terphenyl-d14

Concen: 105.674 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049945.D

Acq: 16 Apr 2025 10:07

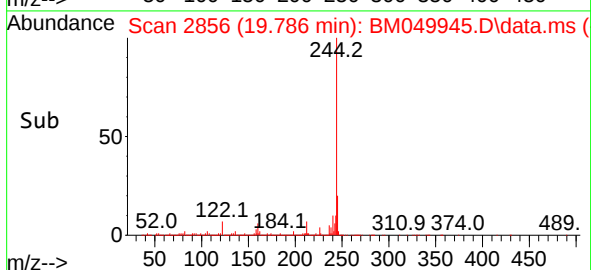
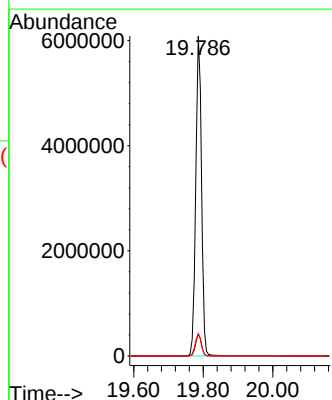
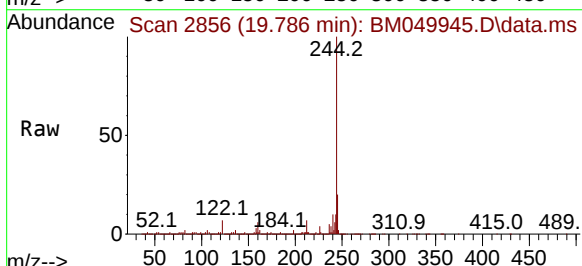
Tgt Ion:244 Resp: 7025803

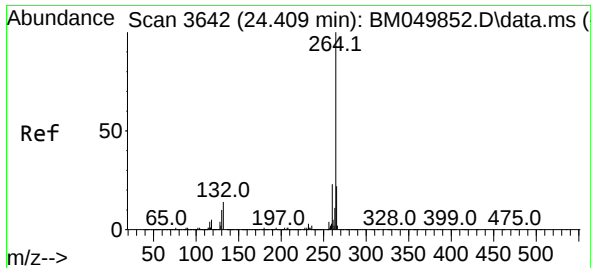
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 7.0 5.4 8.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.409 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM049945.D
 Acq: 16 Apr 2025 10:07

Instrument :
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Tgt Ion:264 Resp: 1372280
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.7 17.8 26.8

