

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
 Data File : BM049991.D
 Acq On : 22 Apr 2025 11:49
 Operator : RC/JU
 Sample : PB167645BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167645BL

Quant Time: Apr 22 12:33:17 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	242189	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	822082	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	534014	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1074404	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1074883	20.000	ng	0.00
86) Perylene-d12	24.403	264	1168972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1823413	127.846	ng	0.00
7) Phenol-d6	6.946	99	2177190	122.691	ng	0.00
23) Nitrobenzene-d5	8.922	82	1320995	89.480	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1038672	133.721	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3455711	87.750	ng	-0.02
79) Terphenyl-d14	19.780	244	6078217	105.973	ng	-0.01

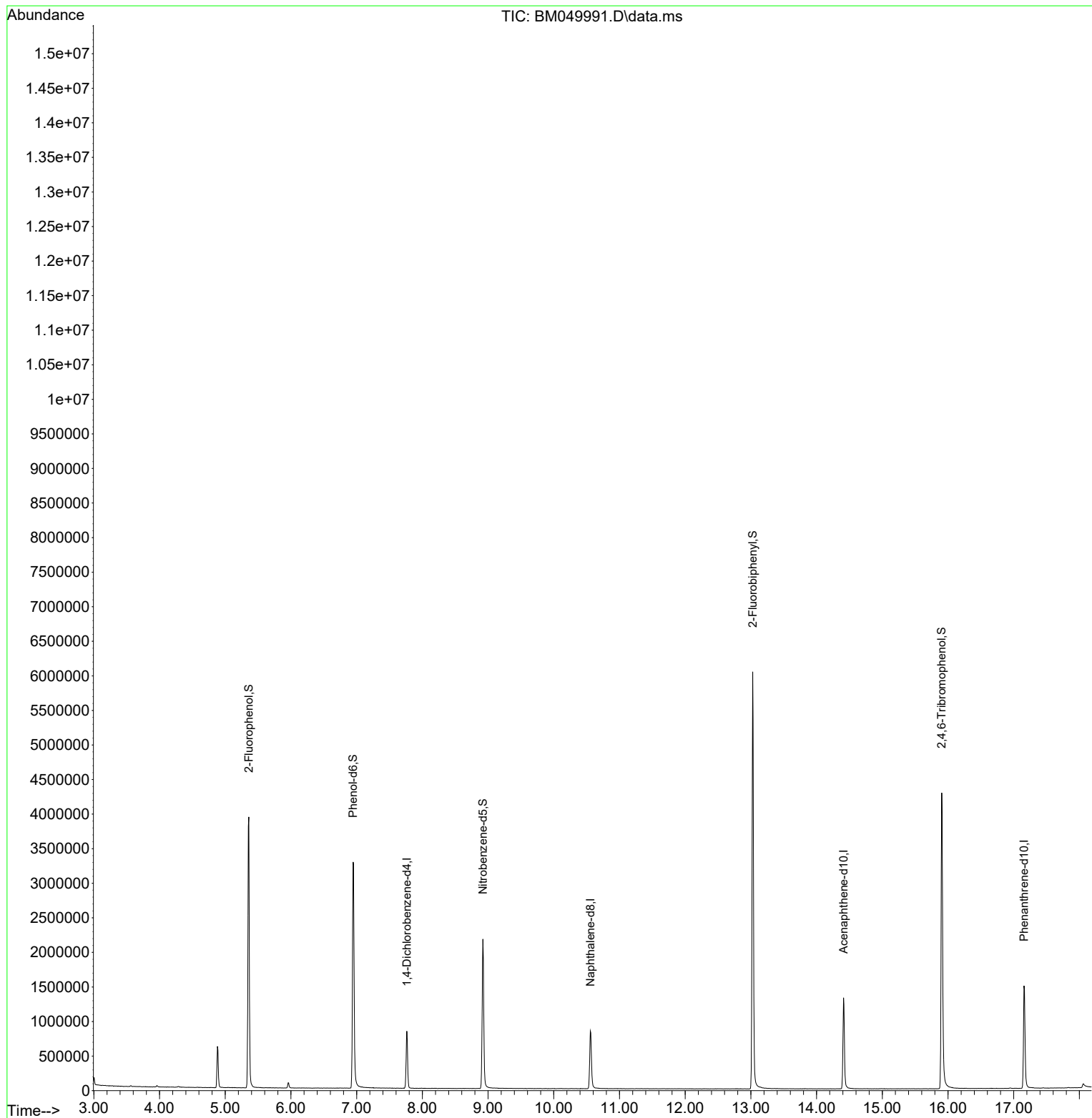
Target Compounds	Qvalue

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

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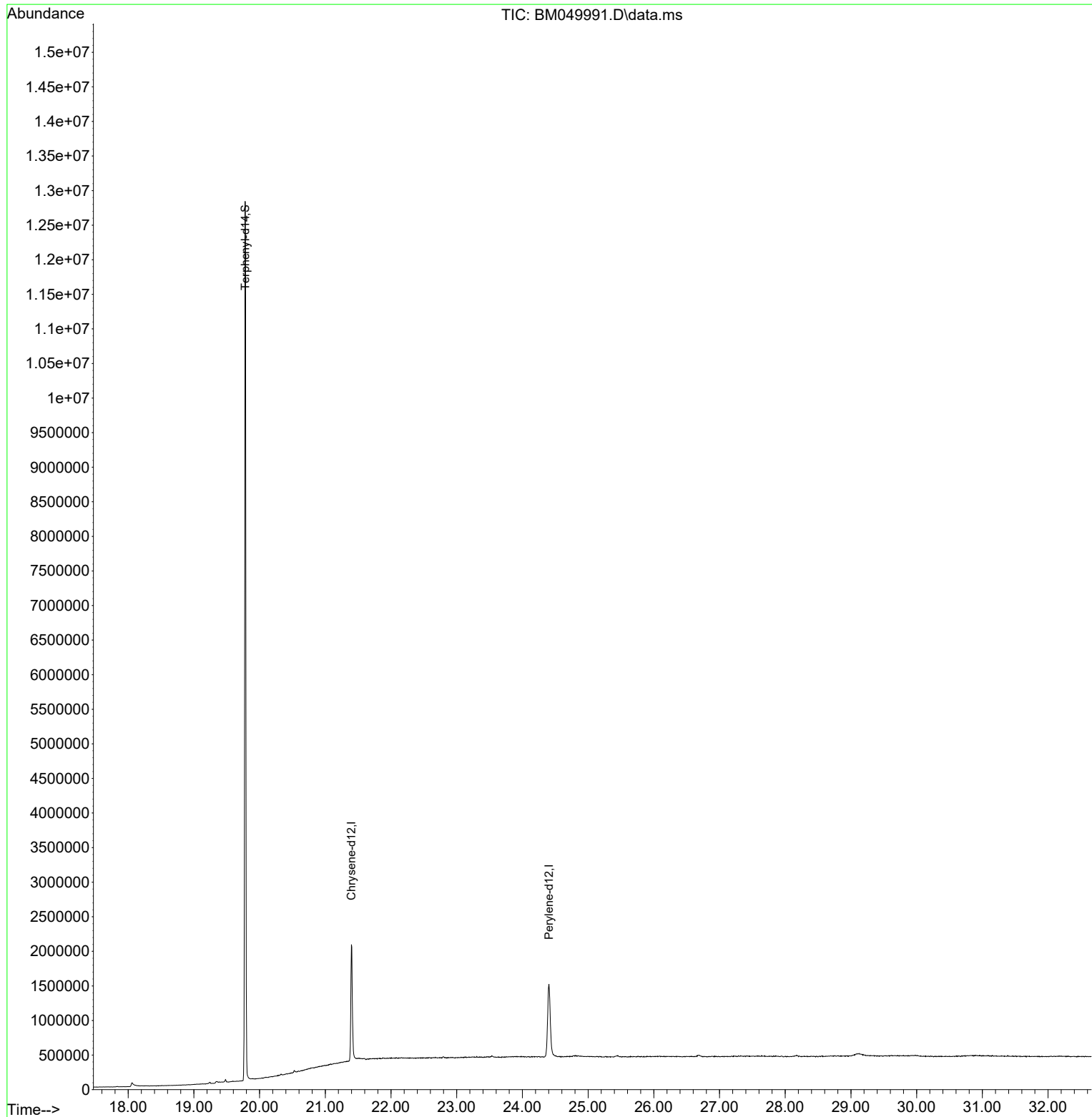
Quant Time: Apr 22 12:33:17 2025
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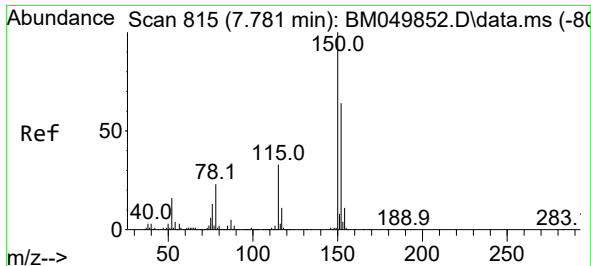


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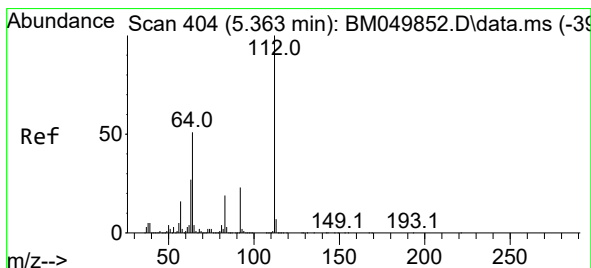
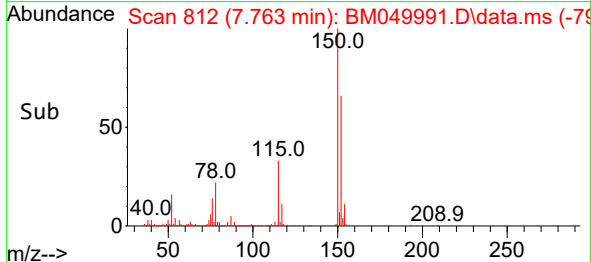
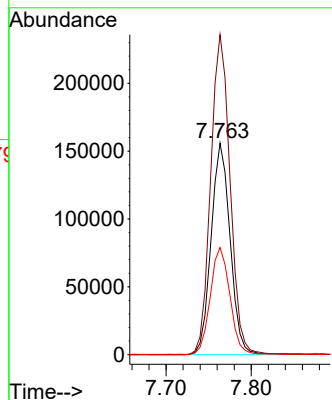
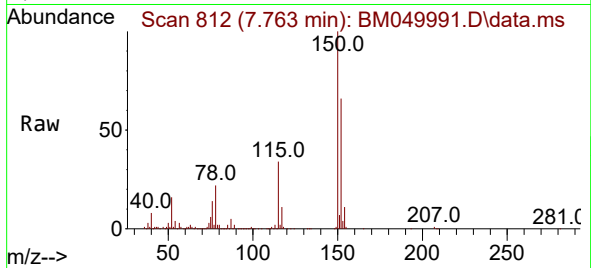




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

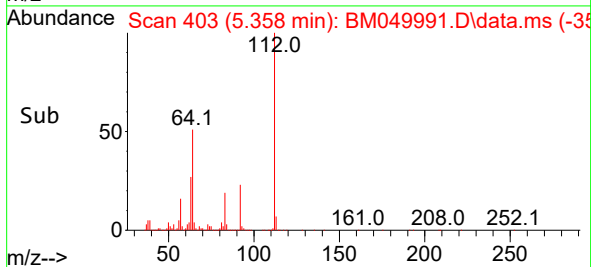
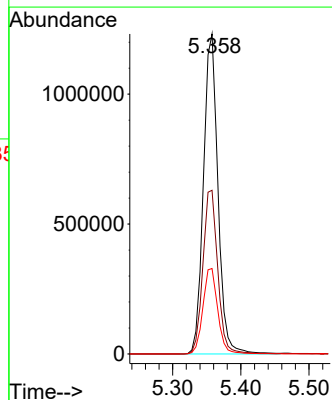
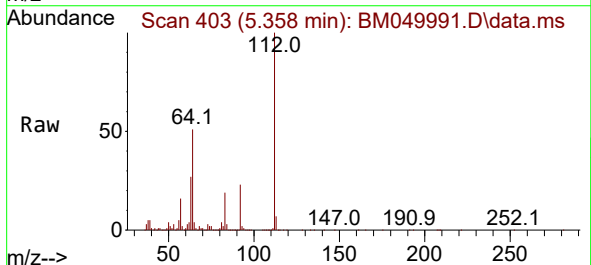
Instrument :
BNA_M
ClientSampleId :
PB167645BL

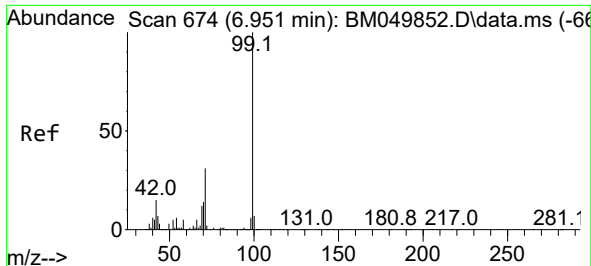
Tgt Ion:152 Resp: 242189
Ion Ratio Lower Upper
152 100
150 151.3 124.3 186.5
115 50.7 41.1 61.7



#5
2-Fluorophenol
Concen: 127.846 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:112 Resp: 1823413
Ion Ratio Lower Upper
112 100
64 51.1 41.0 61.6
63 26.7 21.5 32.3

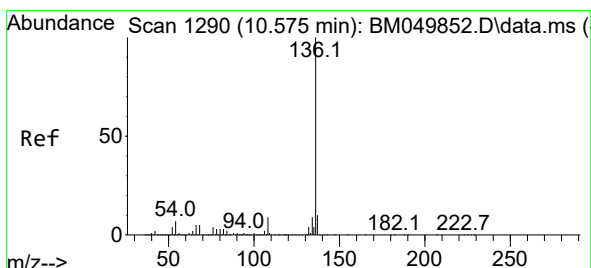
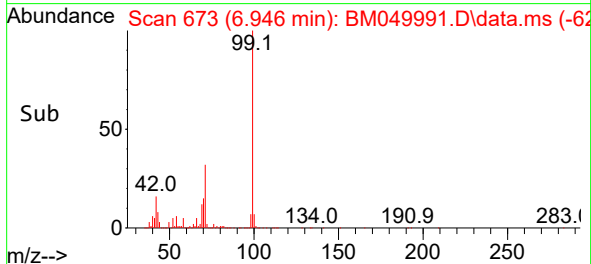
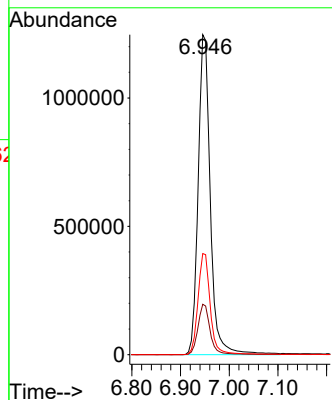
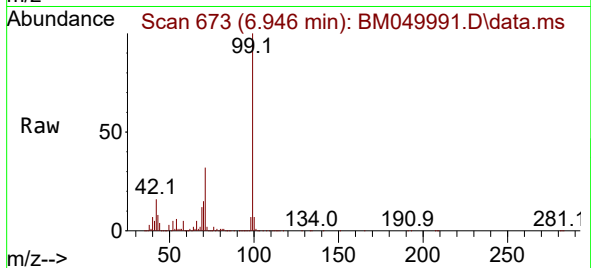




#7
Phenol-d6
Concen: 122.691 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

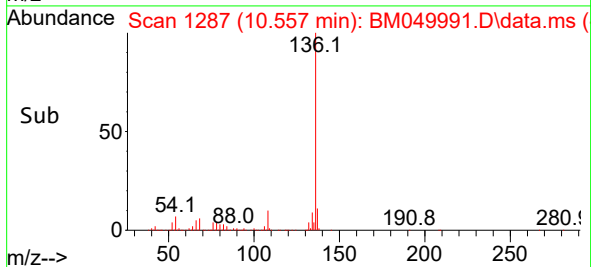
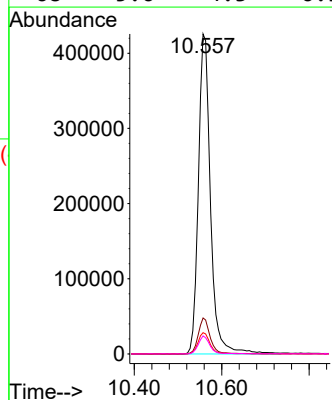
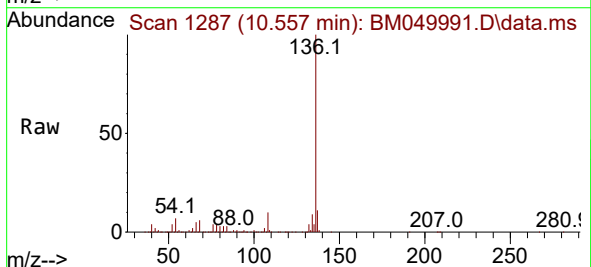
Instrument :
BNA_M
ClientSampleId :
PB167645BL

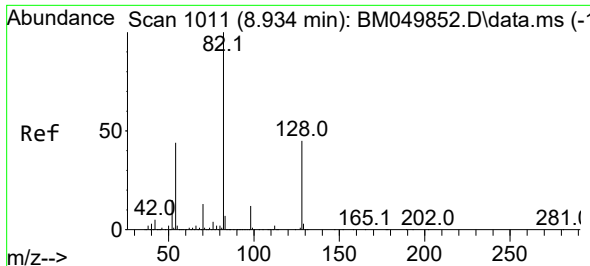
Tgt Ion: 99 Resp: 2177190
Ion Ratio Lower Upper
99 100
42 15.7 12.1 18.1
71 31.6 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.017 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion: 136 Resp: 822082
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.6 5.3 7.9
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 89.480 ng

RT: 8.922 min Scan# 1009

Delta R.T. -0.011 min

Lab File: BM049991.D

Acq: 22 Apr 2025 11:49

Instrument :

BNA_M

ClientSampleId :

PB167645BL

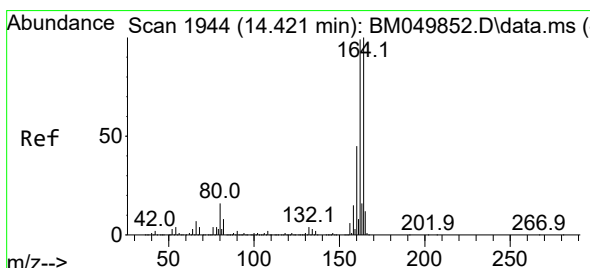
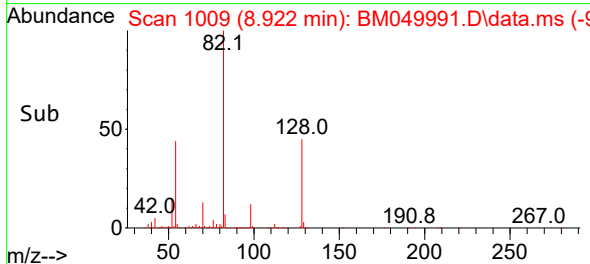
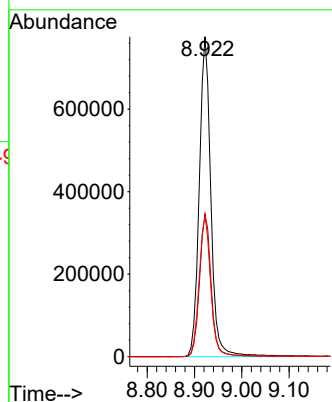
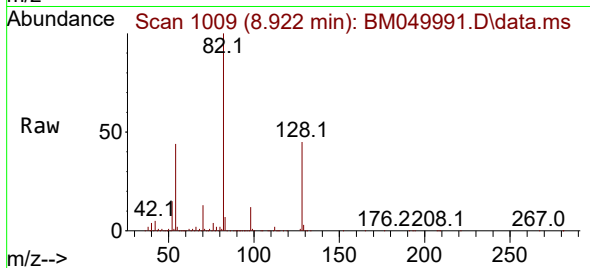
Tgt Ion: 82 Resp: 1320995

Ion Ratio Lower Upper

82 100

128 44.6 36.2 54.2

54 44.1 35.0 52.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.011 min

Lab File: BM049991.D

Acq: 22 Apr 2025 11:49

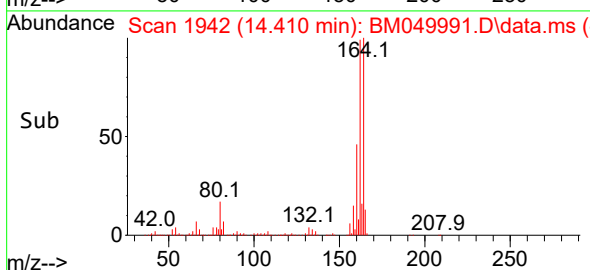
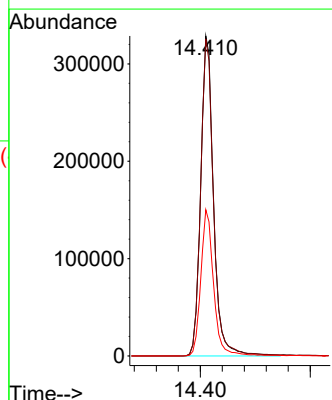
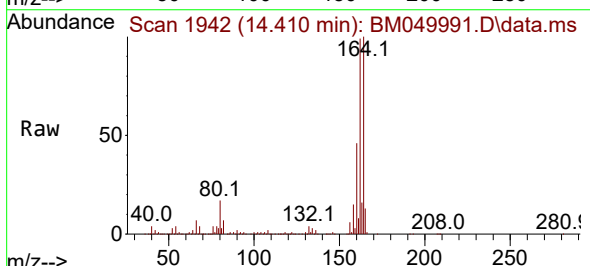
Tgt Ion: 164 Resp: 534014

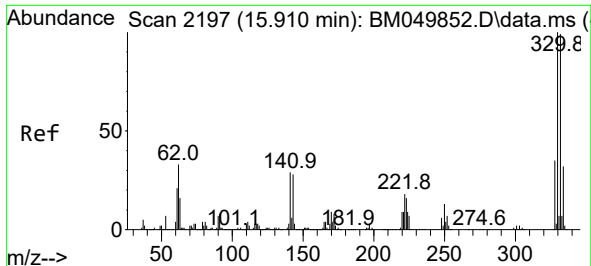
Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

160 45.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 133.721 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049991.D

Acq: 22 Apr 2025 11:49

Instrument :

BNA_M

ClientSampleId :

PB167645BL

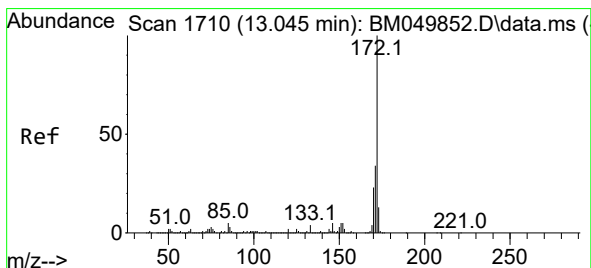
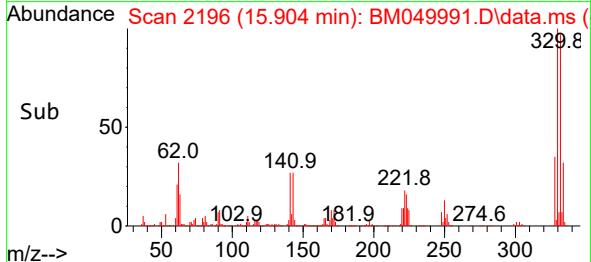
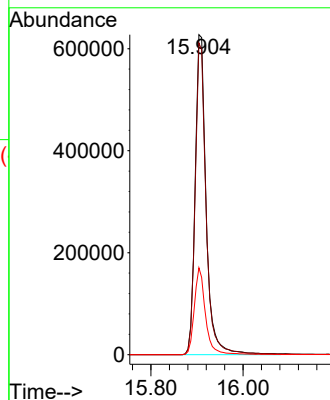
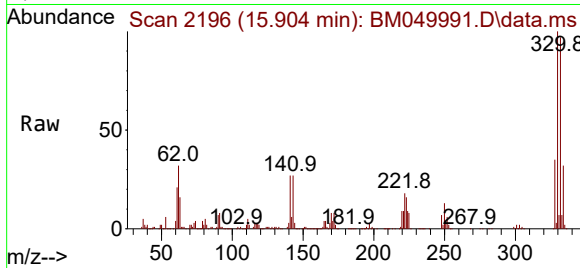
Tgt Ion:330 Resp: 1038672

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 27.6 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 87.750 ng

RT: 13.028 min Scan# 1707

Delta R.T. -0.017 min

Lab File: BM049991.D

Acq: 22 Apr 2025 11:49

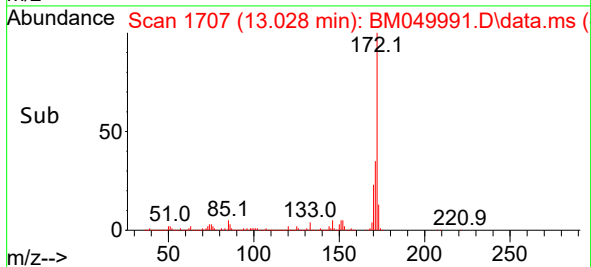
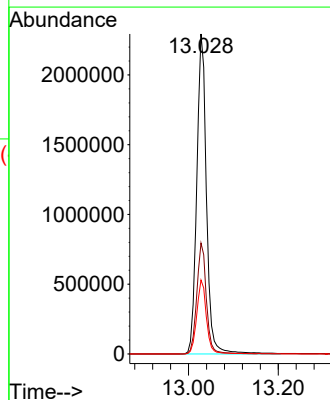
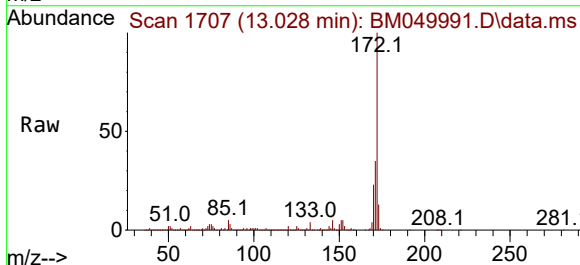
Tgt Ion:172 Resp: 3455711

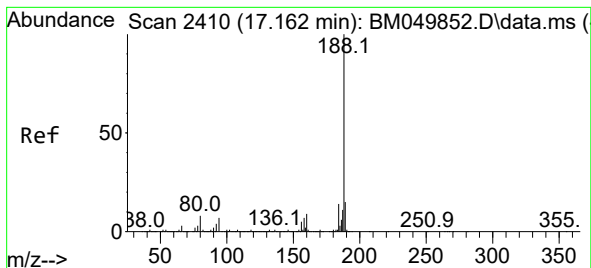
Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.2

170 23.1 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: BM049991.D

Acq: 22 Apr 2025 11:49

Instrument :

BNA_M

ClientSampleId :

PB167645BL

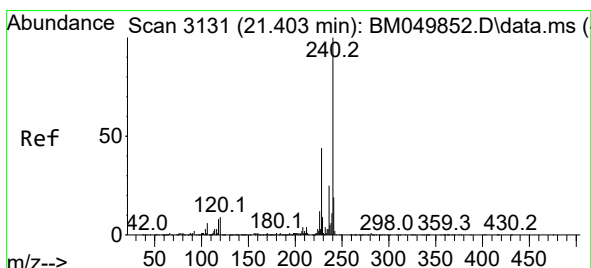
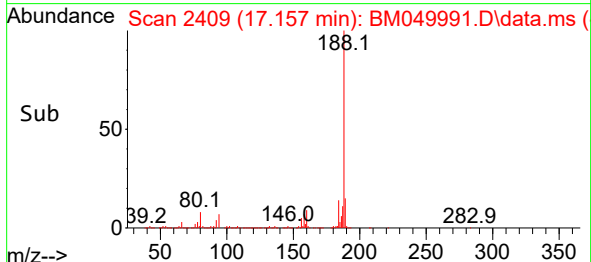
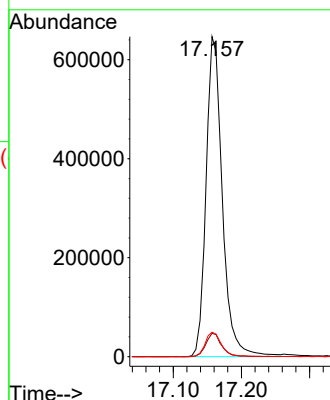
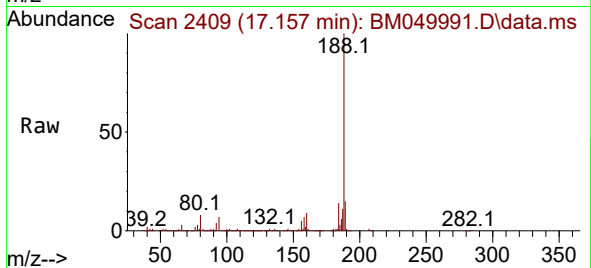
Tgt Ion:188 Resp: 1074404

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 7.7 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: BM049991.D

Acq: 22 Apr 2025 11:49

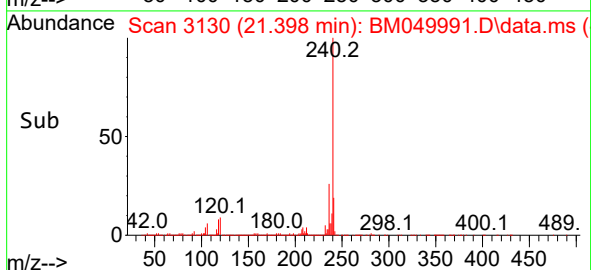
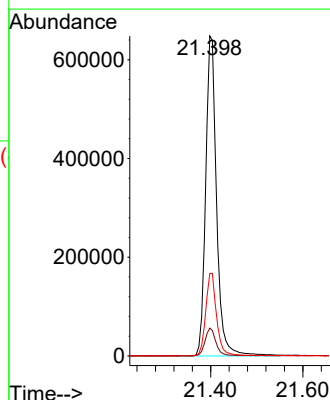
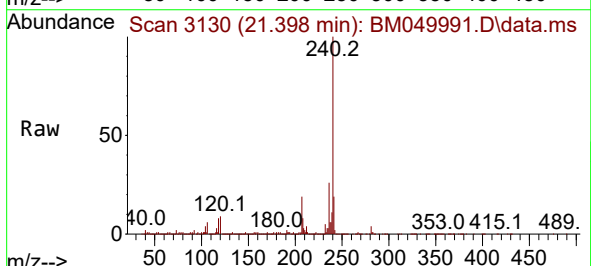
Tgt Ion:240 Resp: 1074883

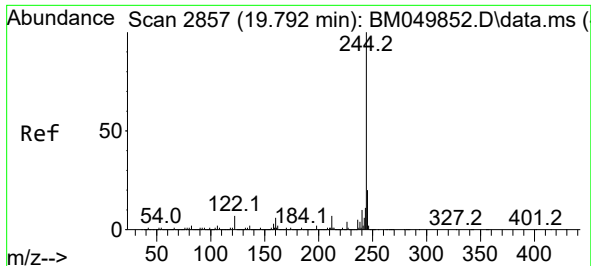
Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

236 25.8 20.4 30.6

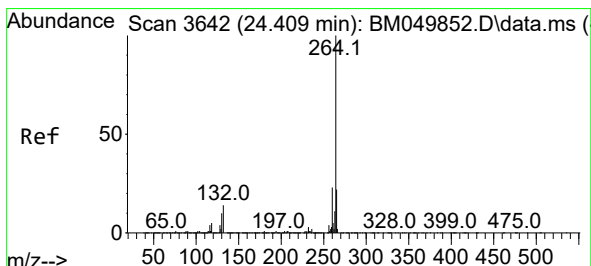
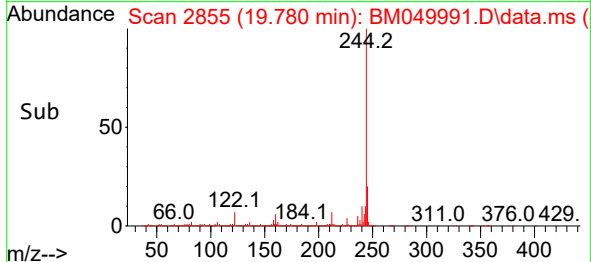
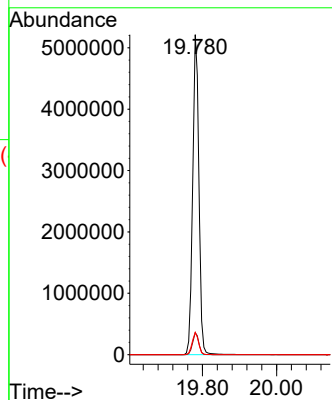
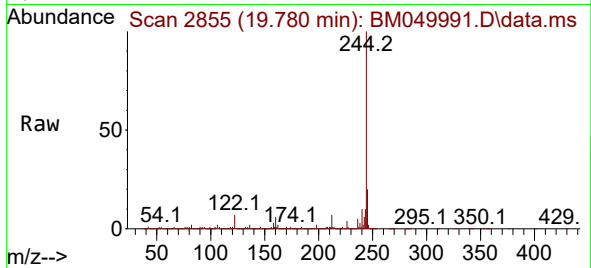




#79
 Terphenyl-d14
 Concen: 105.973 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM049991.D
 Acq: 22 Apr 2025 11:49

Instrument :
 BNA_M
 ClientSampleId :
 PB167645BL

Tgt Ion:244 Resp: 6078217
 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: 24.403 min Scan# 3641
 Delta R.T. -0.006 min
 Lab File: BM049991.D
 Acq: 22 Apr 2025 11:49

Tgt Ion:264 Resp: 1168972
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 22.7 17.8 26.8

