

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050152.D
 Acq On : 08 May 2025 18:37
 Operator : RC/JU
 Sample : Q1976-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-207

Quant Time: May 09 01:55:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	255344	20.000	ng	-0.03
21) Naphthalene-d8	10.539	136	882443	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	575171	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1150774	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1173759	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1247644	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1048643	71.913	ng	-0.02
7) Phenol-d6	6.934	99	1271964	69.401	ng	-0.02
23) Nitrobenzene-d5	8.904	82	759554	42.414	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	593003	69.727	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	1971304	40.545	ng	-0.03
79) Terphenyl-d14	19.762	244	3333459	42.024	ng	-0.02

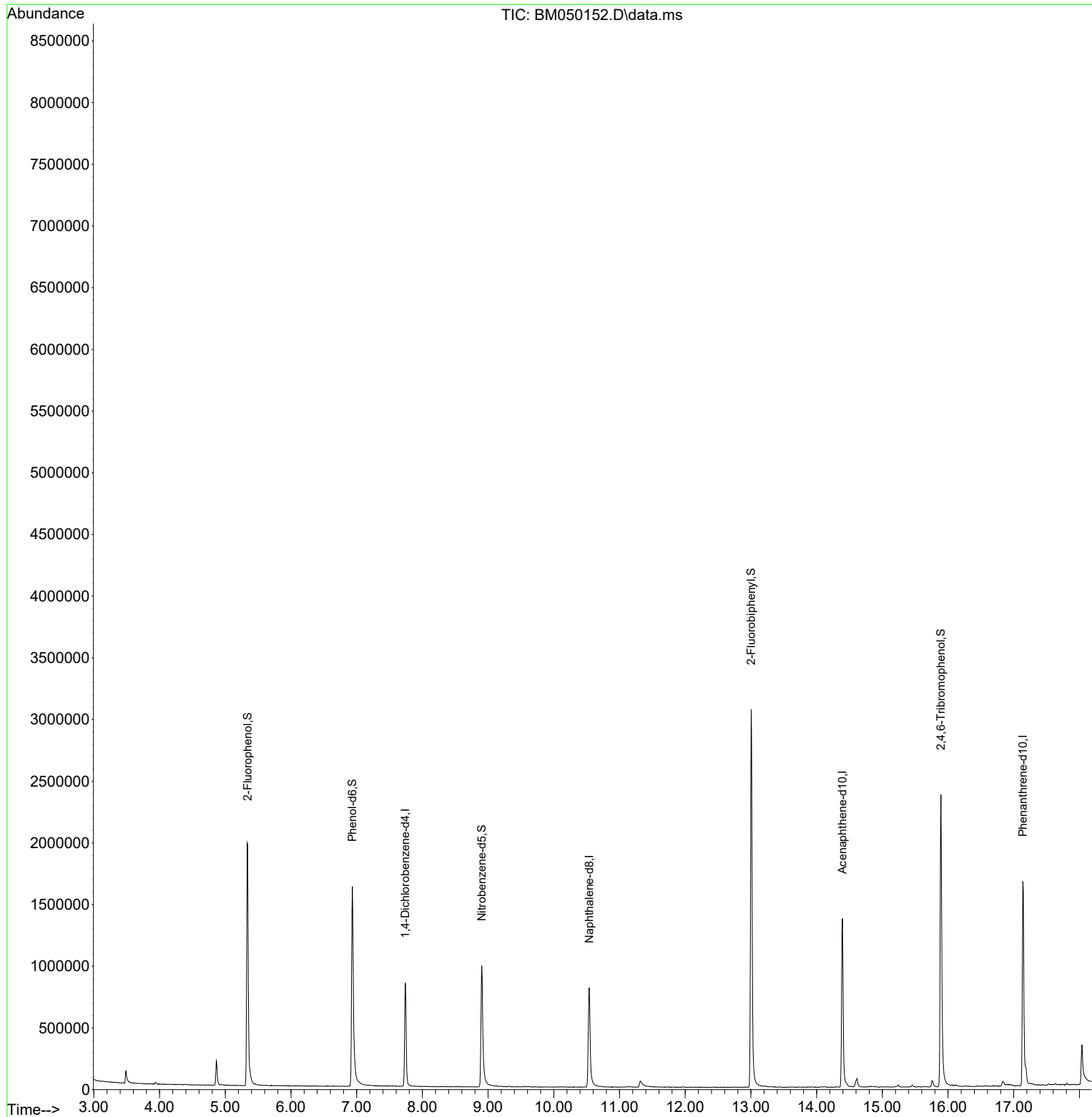
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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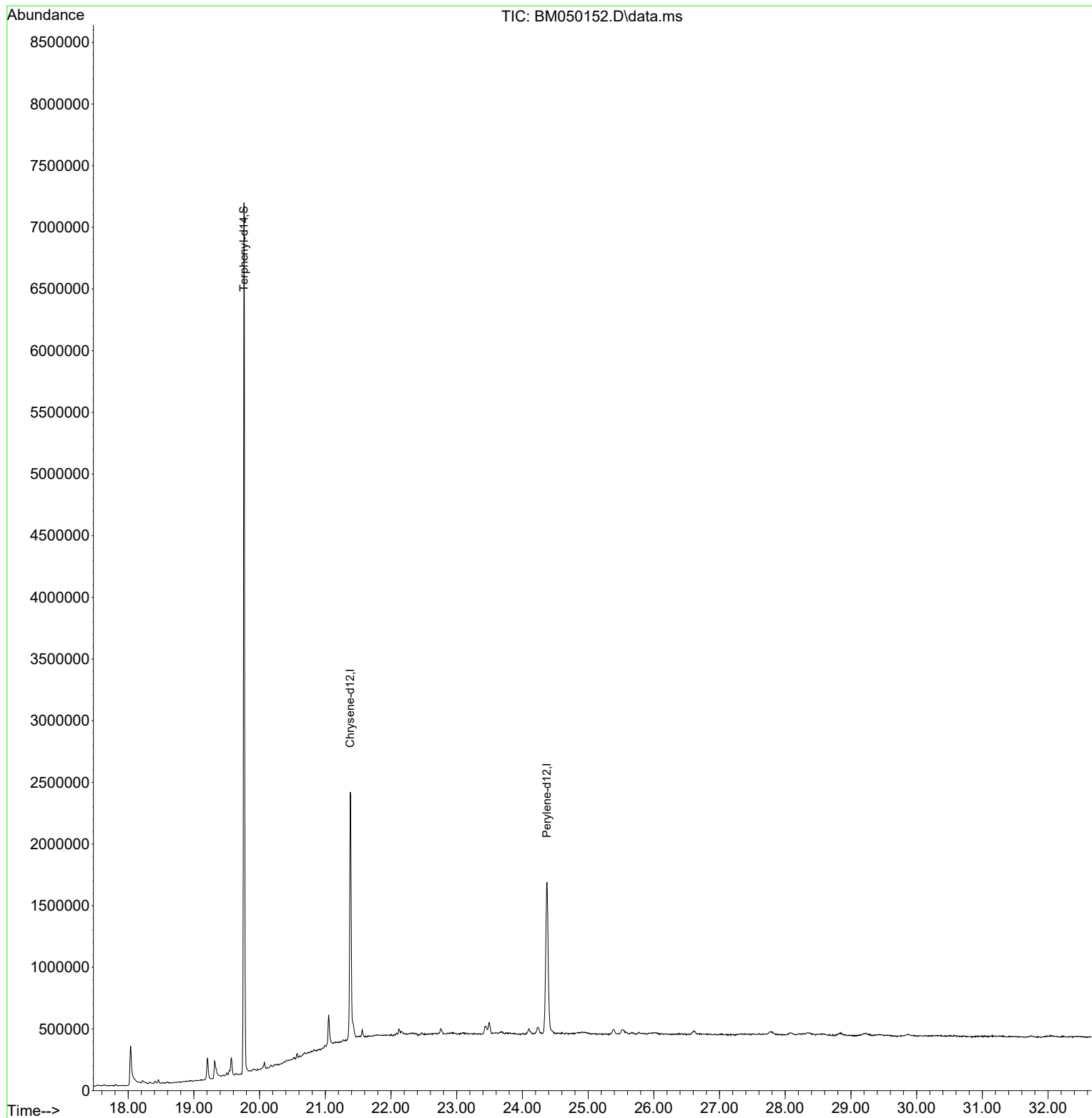
Quant Time: May 09 01:55:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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QLast Update : Thu May 08 12:03:21 2025
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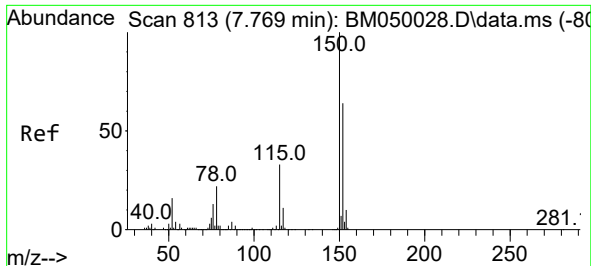


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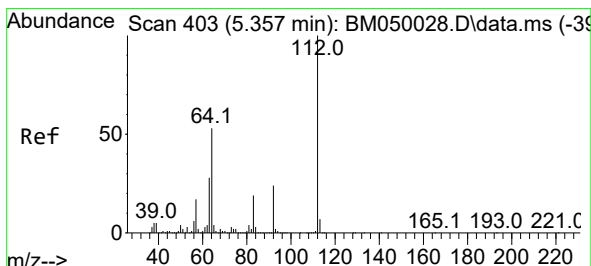
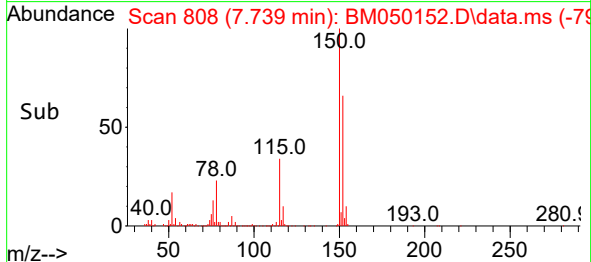
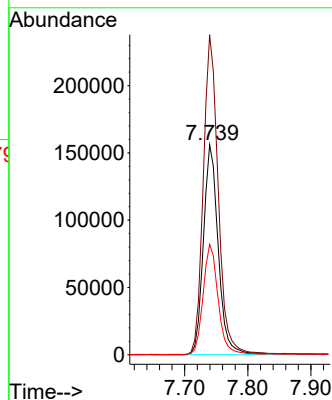
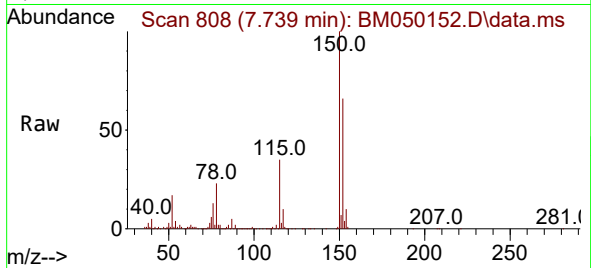




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.030 min
Lab File: BM050152.D
Acq: 08 May 2025 18:37

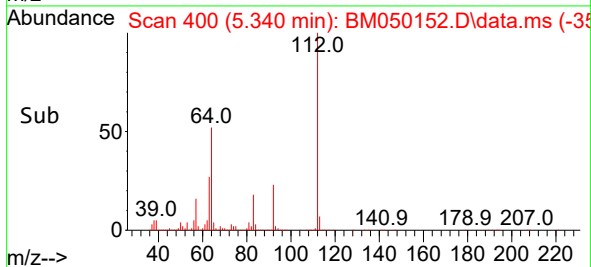
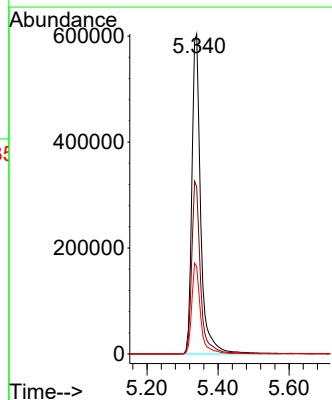
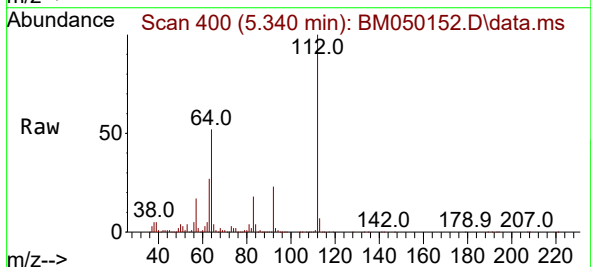
Instrument :
BNA_M
ClientSampleId :
VNJ-207

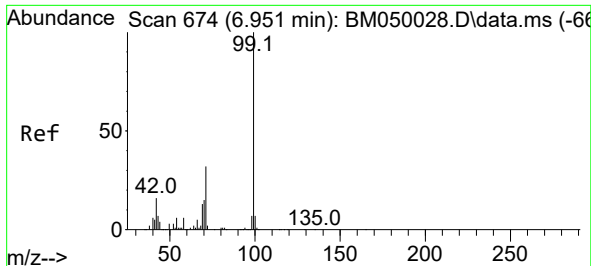
Tgt Ion:152 Resp: 255344
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 71.913 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050152.D
Acq: 08 May 2025 18:37

Tgt Ion:112 Resp: 1048643
Ion Ratio Lower Upper
112 100
64 52.2 42.6 64.0
63 27.3 22.2 33.4

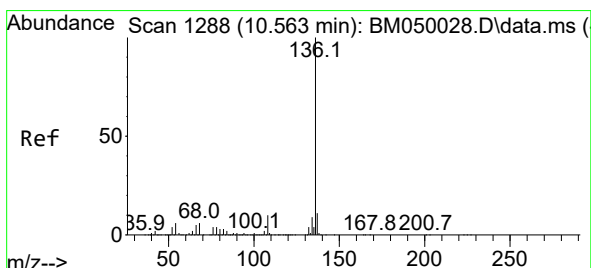
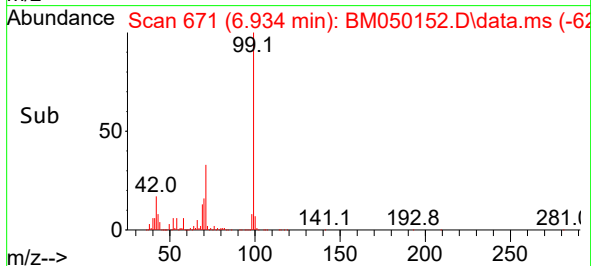
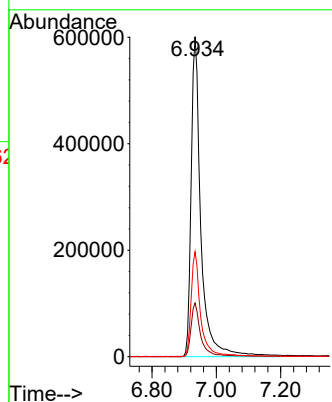
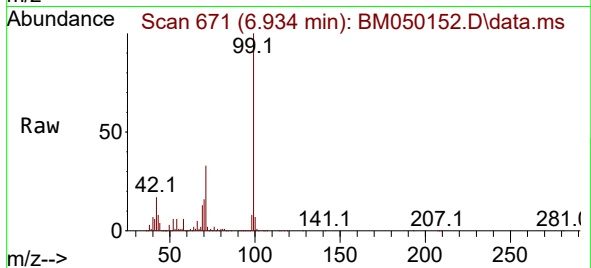




#7
Phenol-d6
Concen: 69.401 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050152.D
Acq: 08 May 2025 18:37

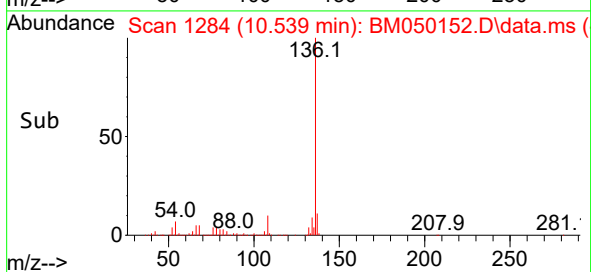
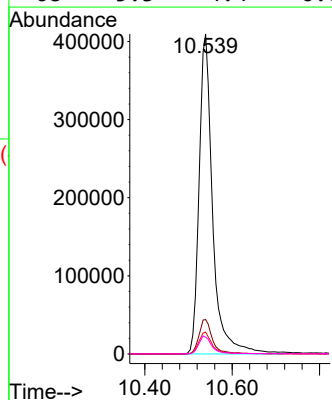
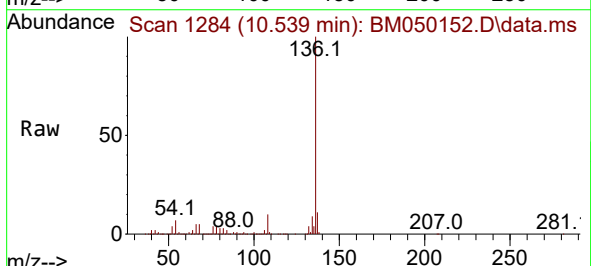
Instrument :
BNA_M
ClientSampleId :
VNJ-207

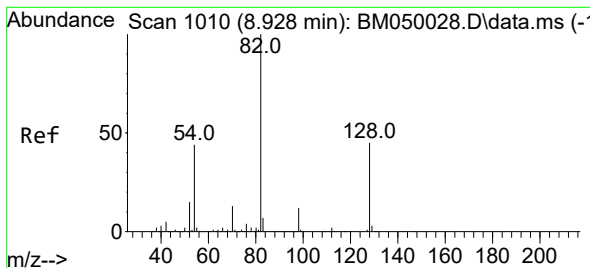
Tgt Ion: 99 Resp: 1271964
Ion Ratio Lower Upper
99 100
42 16.8 13.0 19.4
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050152.D
Acq: 08 May 2025 18:37

Tgt Ion: 136 Resp: 882443
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 5.1 7.7
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 42.414 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

Instrument :

BNA_M

ClientSampleId :

VNJ-207

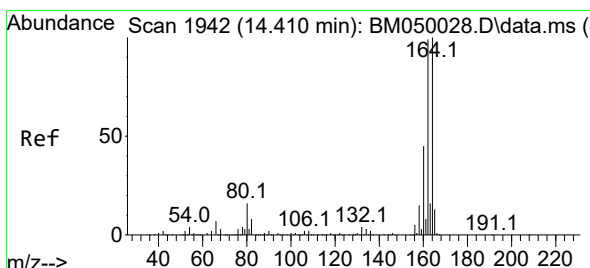
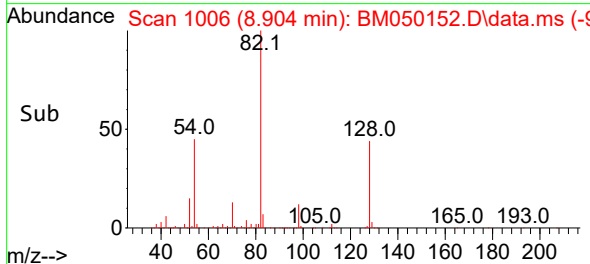
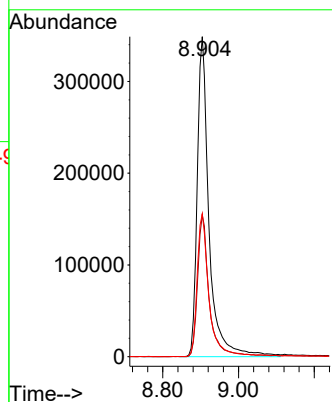
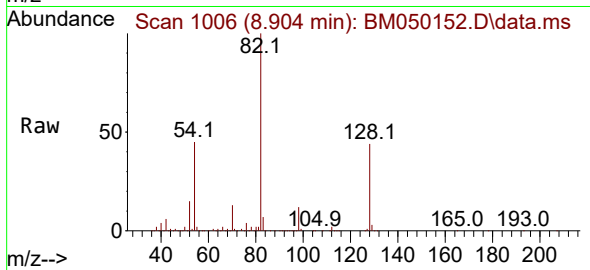
Tgt Ion: 82 Resp: 759554

Ion Ratio Lower Upper

82 100

128 44.3 35.7 53.5

54 44.7 35.4 53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.018 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

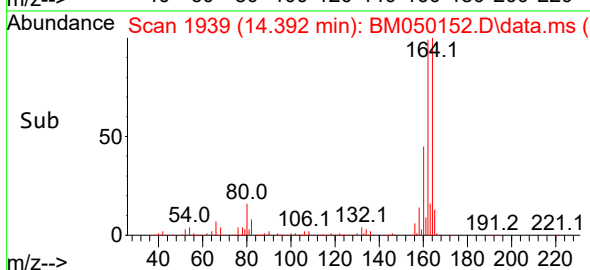
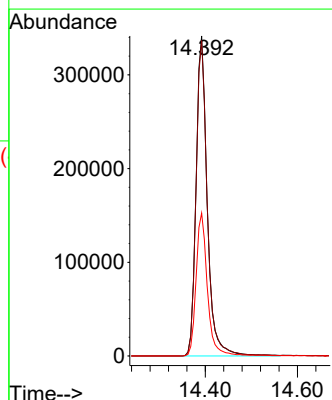
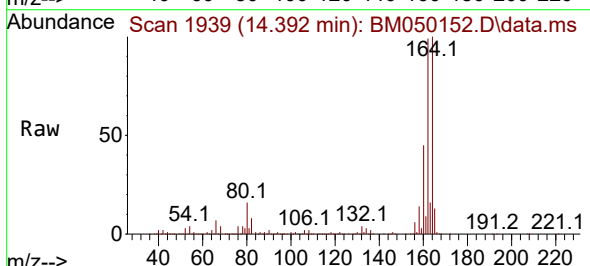
Tgt Ion: 164 Resp: 575171

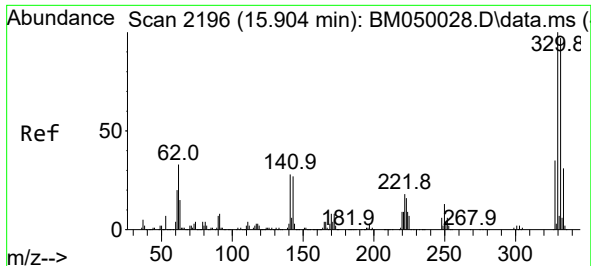
Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.0

160 44.7 36.2 54.4

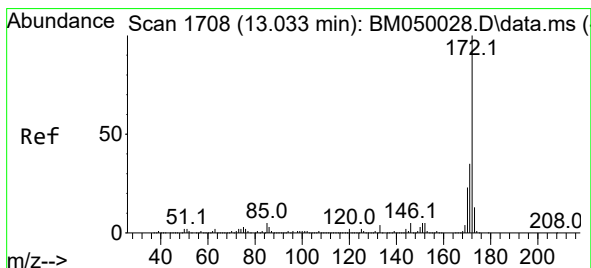
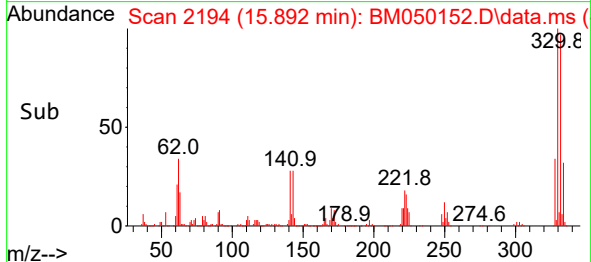
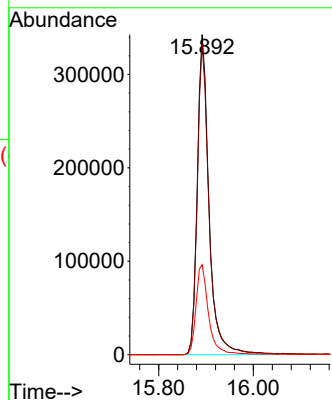
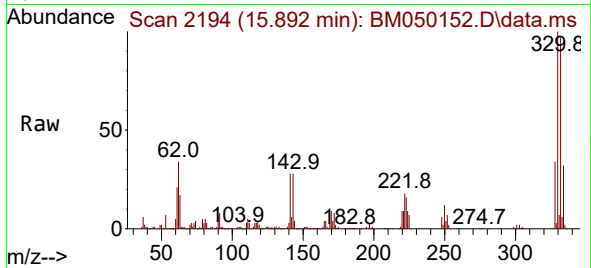




#42
2,4,6-Tribromophenol
Concen: 69.727 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050152.D
Acq: 08 May 2025 18:37

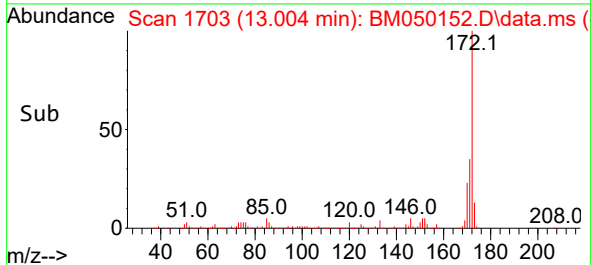
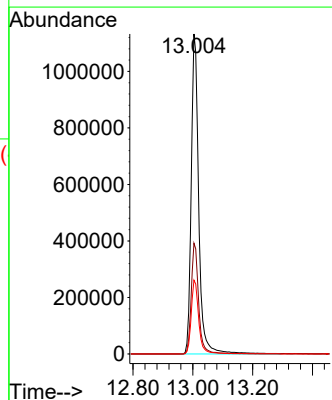
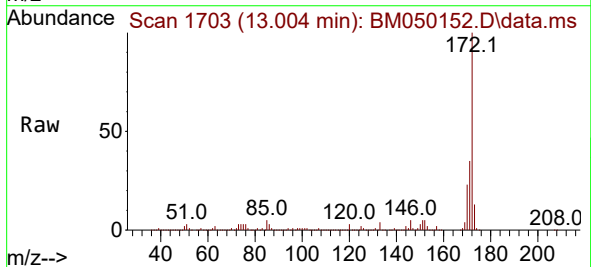
Instrument :
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VNJ-207

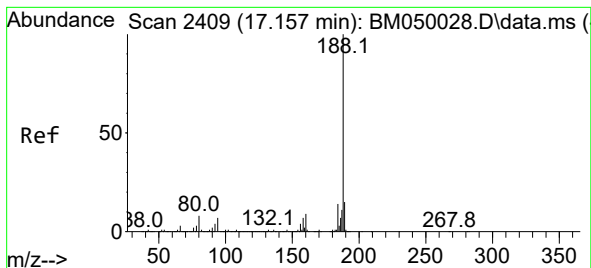
Tgt Ion:330 Resp: 593003
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 30.1 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 40.545 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.030 min
Lab File: BM050152.D
Acq: 08 May 2025 18:37

Tgt Ion:172 Resp: 1971304
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

Instrument :

BNA_M

ClientSampleId :

VNJ-207

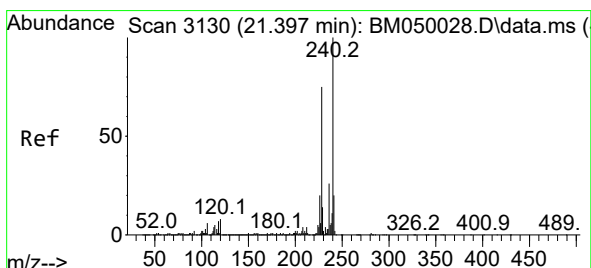
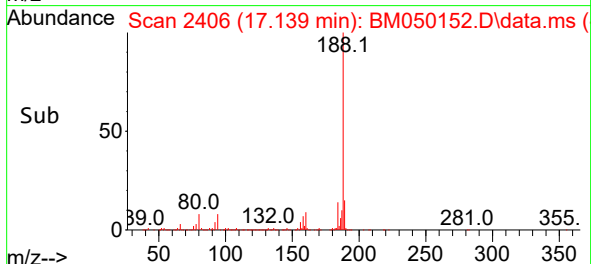
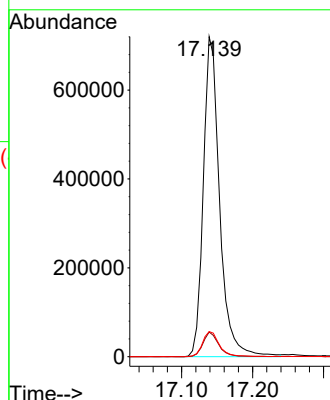
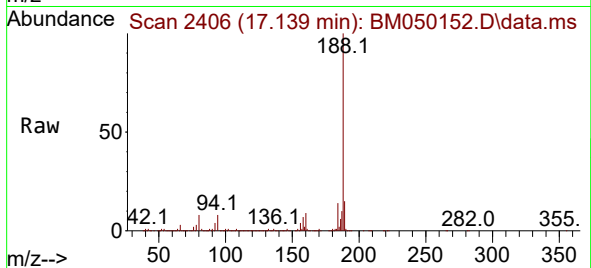
Tgt Ion:188 Resp: 1150774

Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

80 7.9 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.017 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

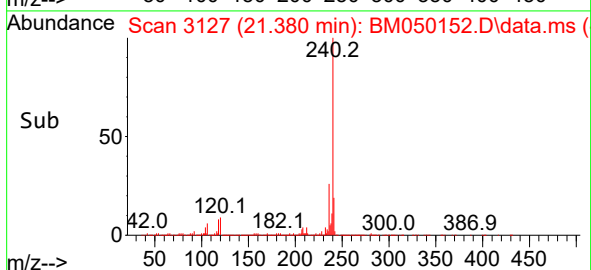
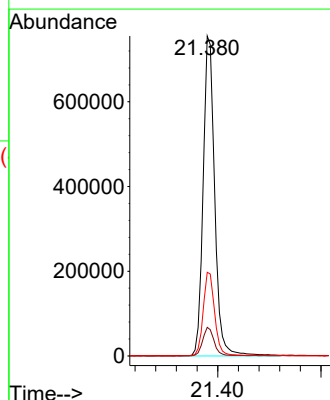
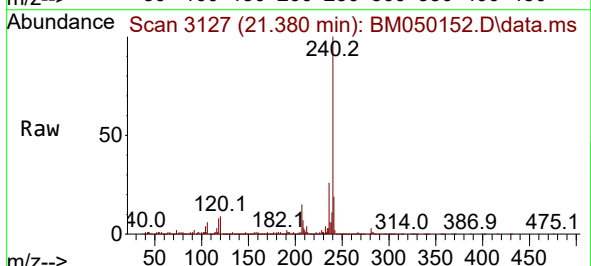
Tgt Ion:240 Resp: 1173759

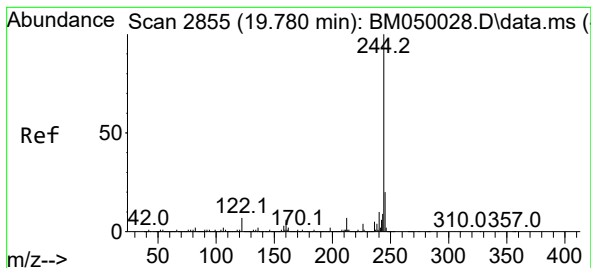
Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 42.024 ng

RT: 19.762 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

Instrument :

BNA_M

ClientSampleId :

VNJ-207

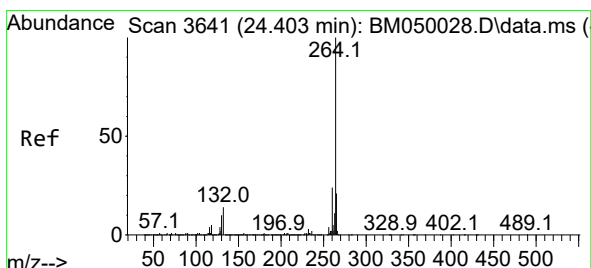
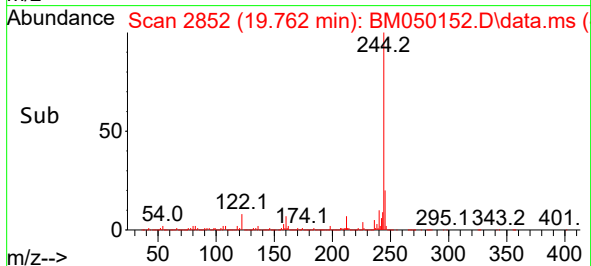
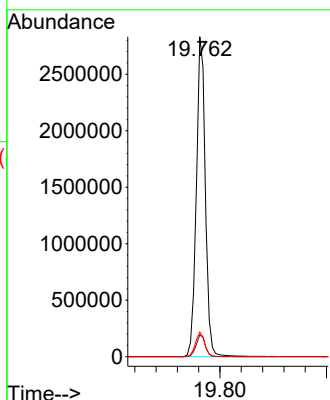
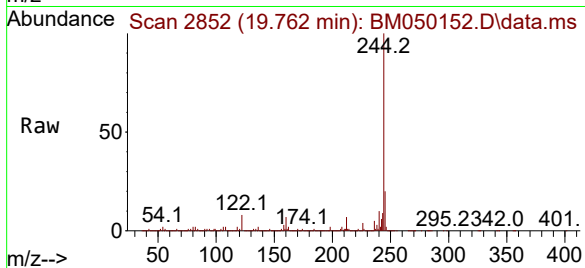
Tgt Ion:244 Resp: 3333459

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 7.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.030 min

Lab File: BM050152.D

Acq: 08 May 2025 18:37

Tgt Ion:264 Resp: 1247644

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.4 17.0 25.4

