

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050452.D
 Acq On : 15 Jul 2025 12:50
 Operator : RC/JU
 Sample : Q2489-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G2(0-6)

Quant Time: Jul 15 13:38:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

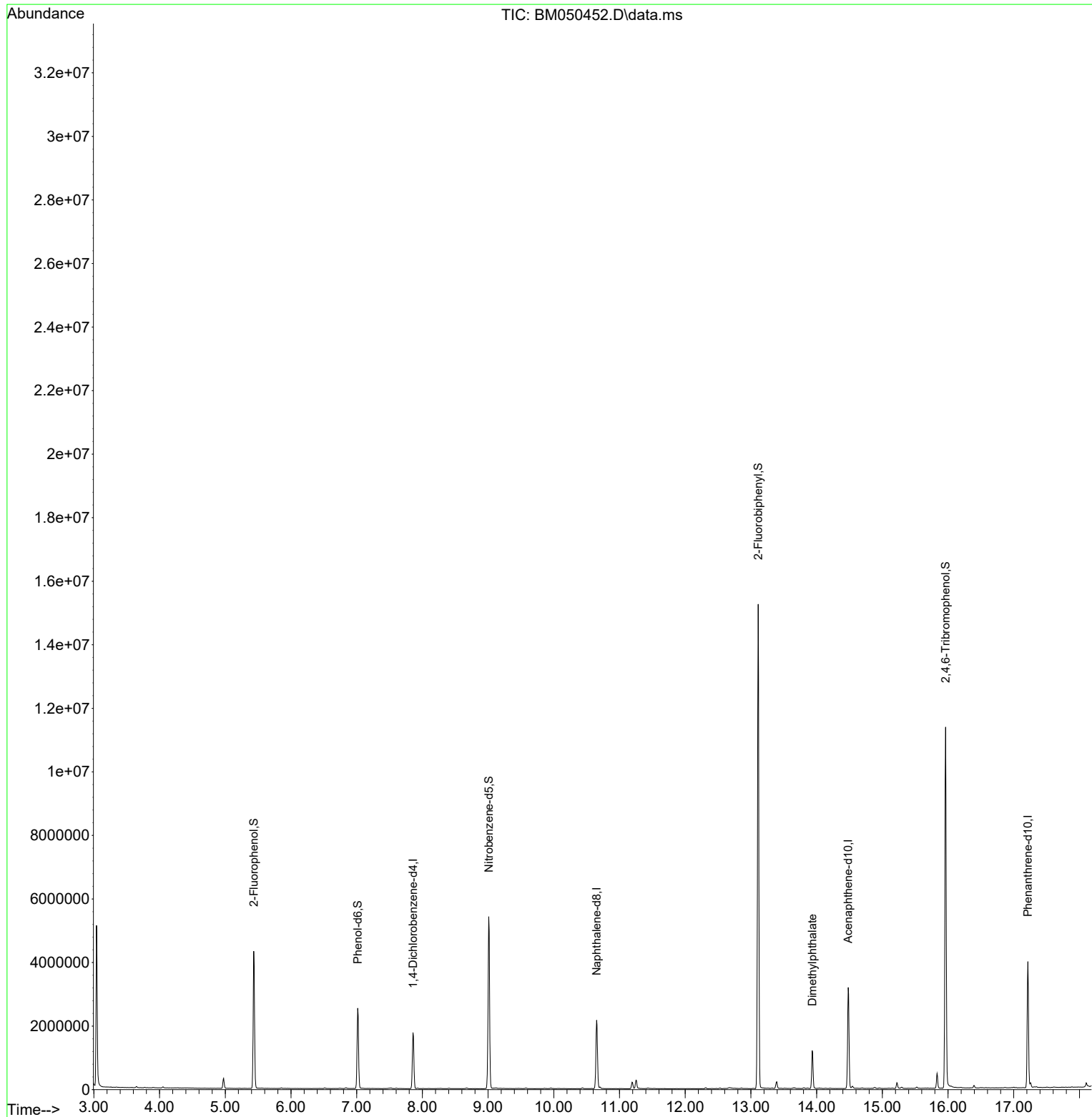
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	498520	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1816983	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	1165990	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2348719	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2483396	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2659318	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1811175	62.537	ng	0.00
7) Phenol-d6	7.016	99	1378028	37.745	ng	0.00
23) Nitrobenzene-d5	9.010	82	2952957	82.914	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	2240807	158.172	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7694729	81.497	ng	-0.01
79) Terphenyl-d14	19.827	244	11820635	83.748	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.934	163	797621	9.936	ng	Qvalue 100

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

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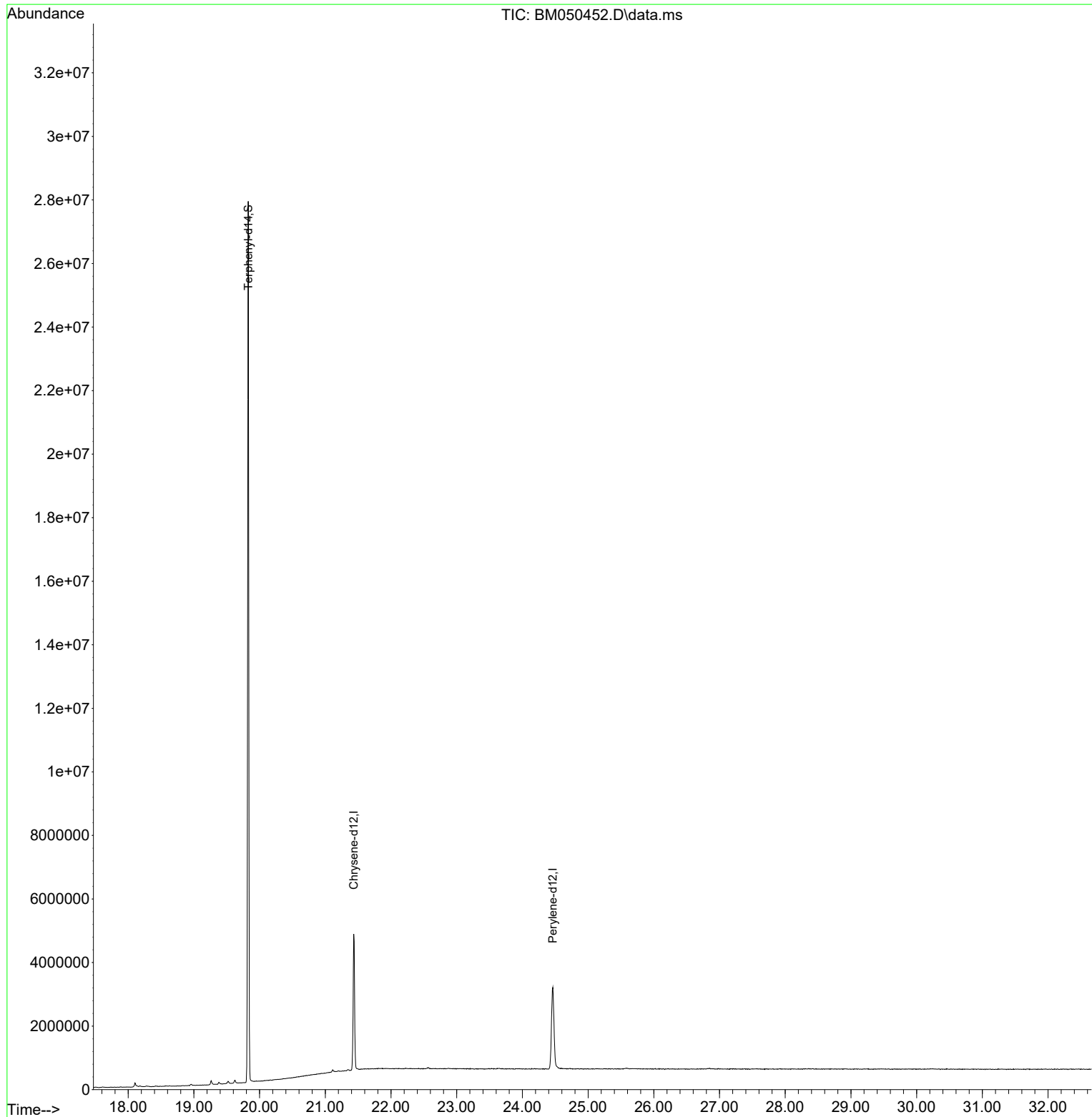
Quant Time: Jul 15 13:38:52 2025
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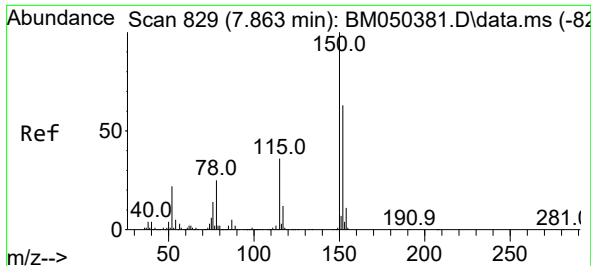


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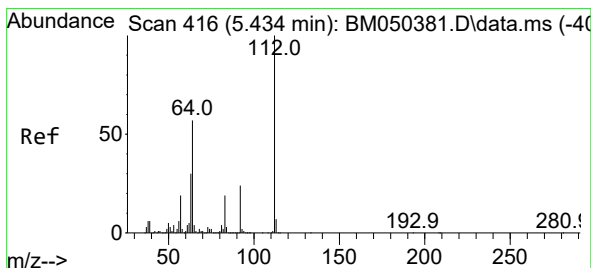
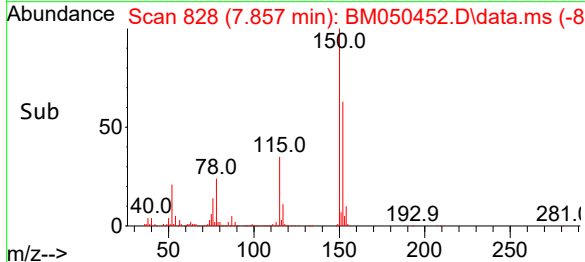
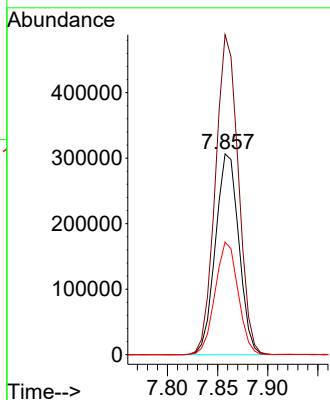
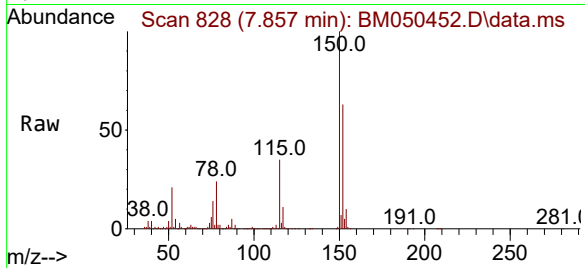




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

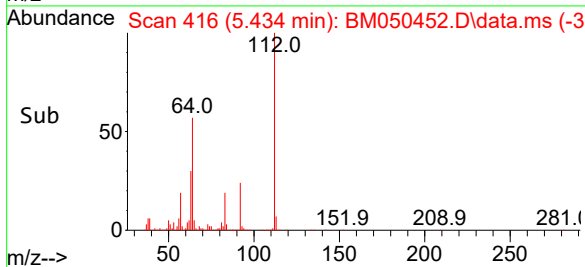
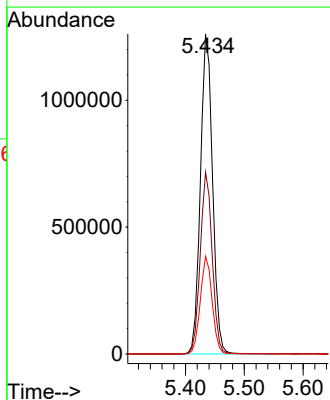
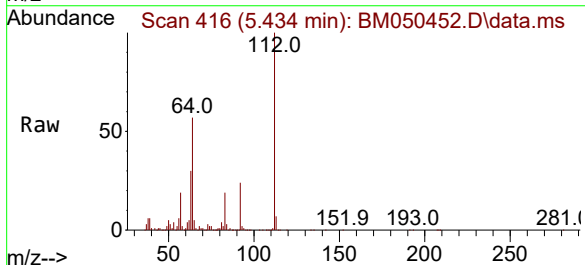
Instrument :
BNA_M
ClientSampleId :
G2(0-6)

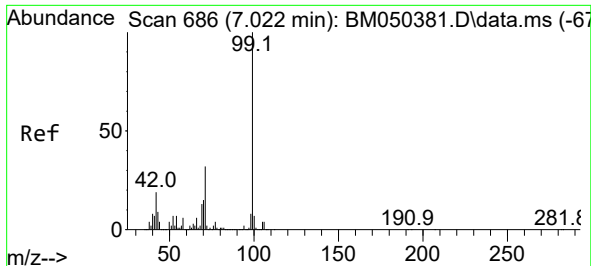
Tgt Ion:152 Resp: 498520
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.4
115 56.1 45.8 68.8



#5
2-Fluorophenol
Concen: 62.537 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

Tgt Ion:112 Resp: 1811175
Ion Ratio Lower Upper
112 100
64 56.8 45.5 68.3
63 30.5 24.2 36.4

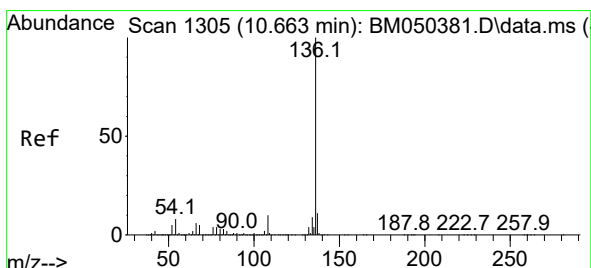
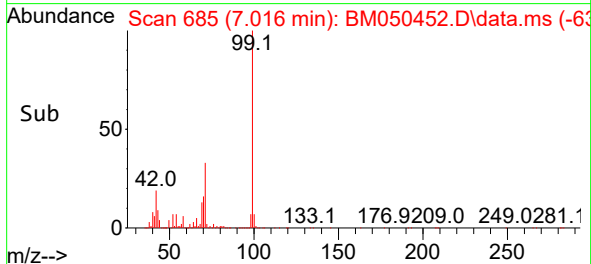
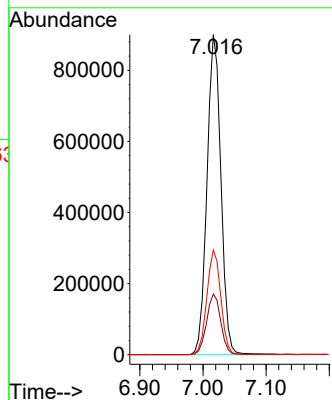
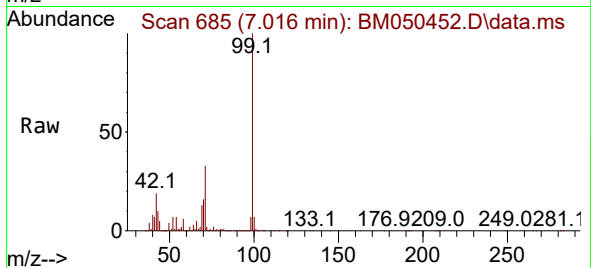




#7
Phenol-d6
Concen: 37.745 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

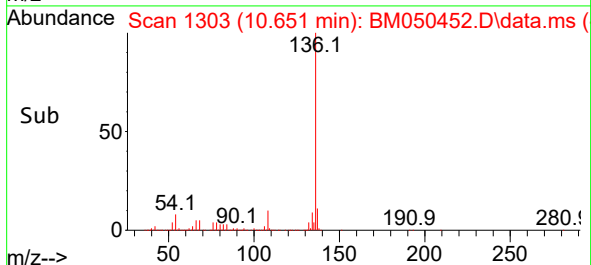
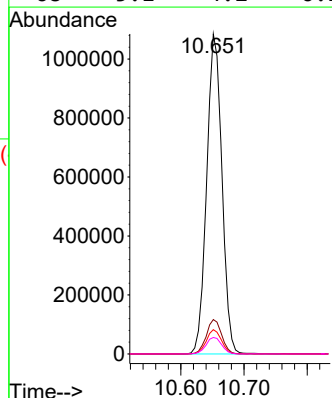
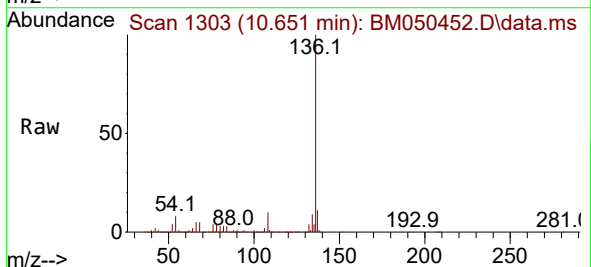
Instrument :
BNA_M
ClientSampleId :
G2(0-6)

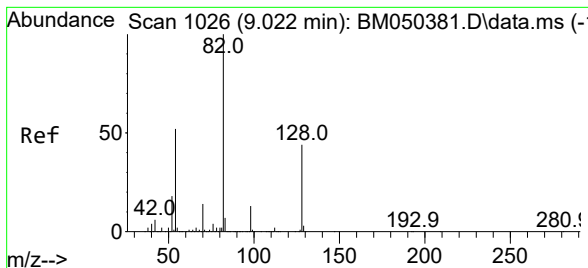
Tgt Ion: 99 Resp: 1378028
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 32.7 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

Tgt Ion: 136 Resp: 1816983
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.3 9.5
68 5.1 4.2 6.2

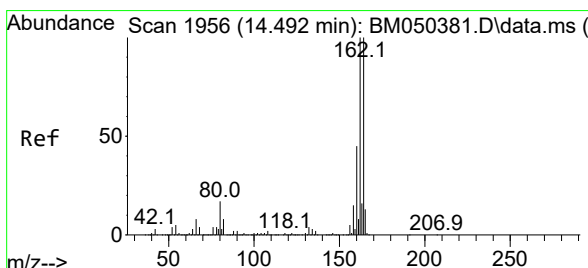
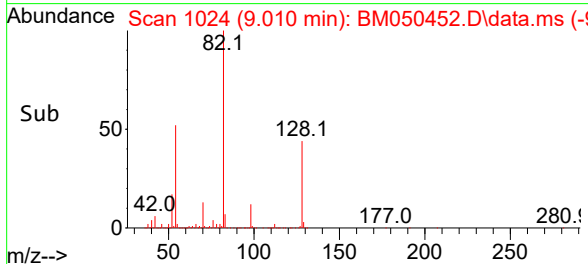
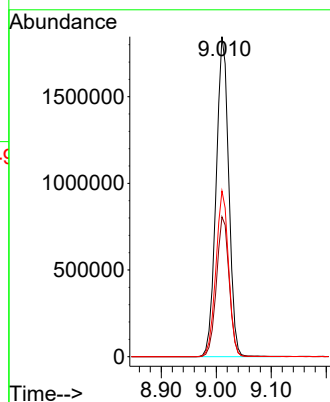
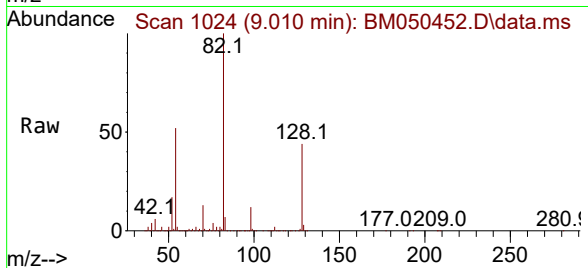




#23
Nitrobenzene-d5
Concen: 82.914 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.011 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

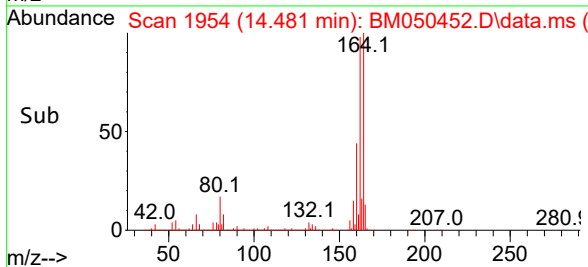
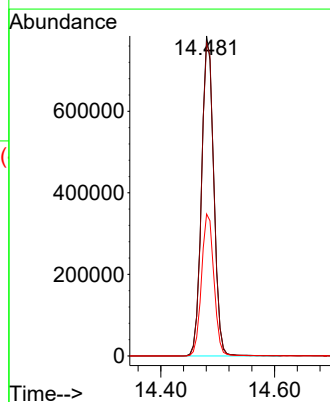
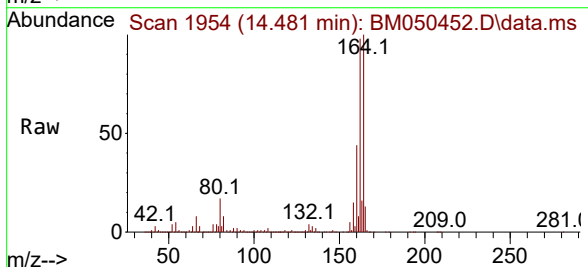
Instrument :
BNA_M
ClientSampleId :
G2(0-6)

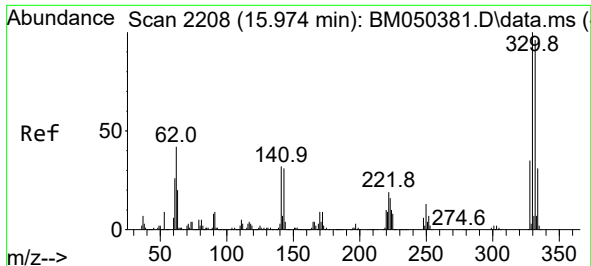
Tgt Ion: 82 Resp: 2952957
Ion Ratio Lower Upper
82 100
128 43.7 35.2 52.8
54 51.8 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.011 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

Tgt Ion: 164 Resp: 1165990
Ion Ratio Lower Upper
164 100
162 97.8 79.9 119.9
160 44.3 36.2 54.4

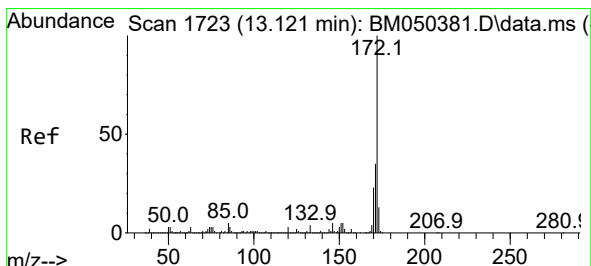
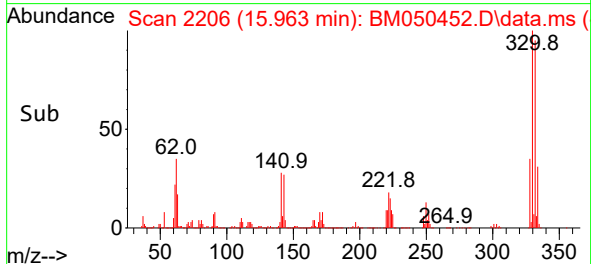
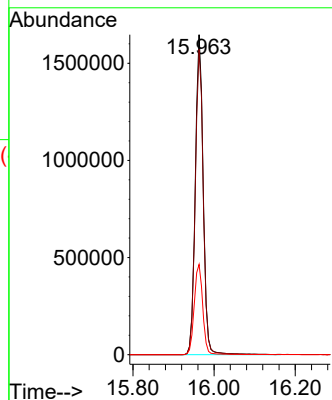
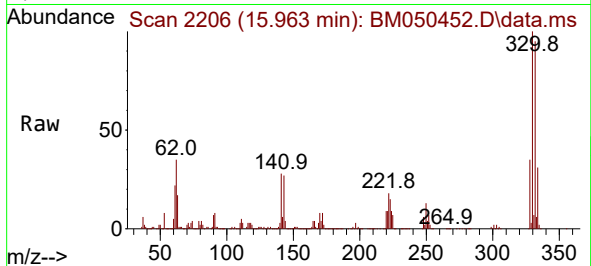




#42
2,4,6-Tribromophenol
Concen: 158.172 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

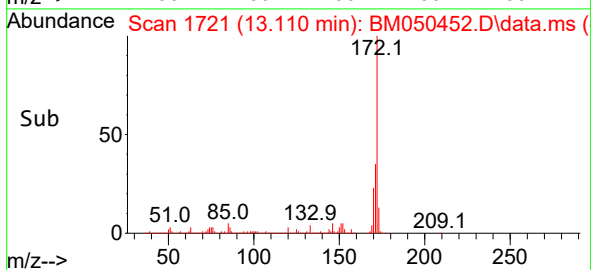
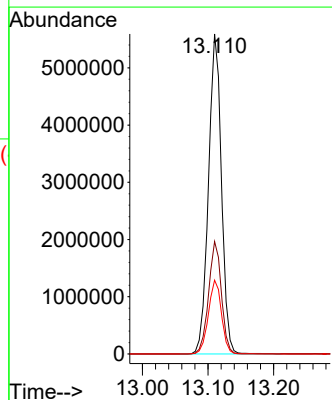
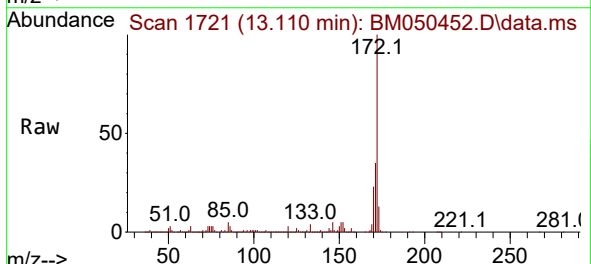
Instrument :
BNA_M
ClientSampleId :
G2(0-6)

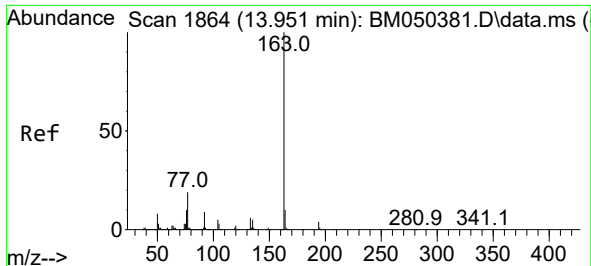
Tgt Ion:330 Resp: 2240807
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.3 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 81.497 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

Tgt Ion:172 Resp: 7694729
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.1 18.8 28.2

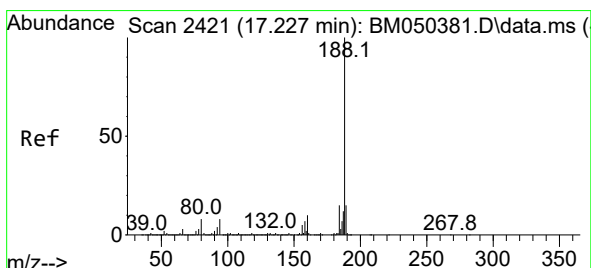
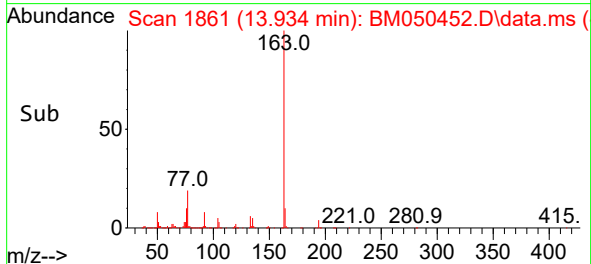
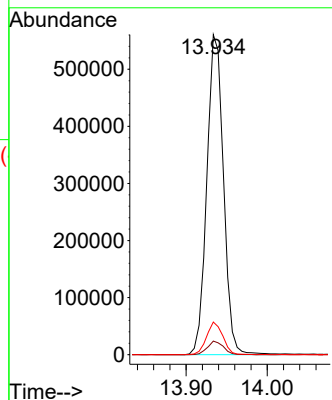
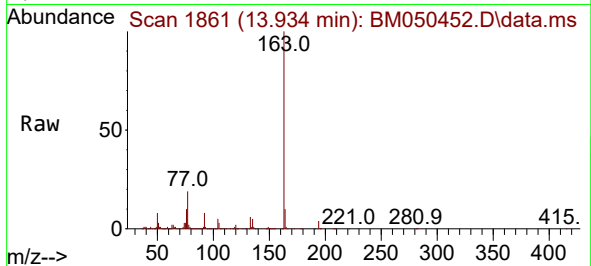




#50
Dimethylphthalate
Concen: 9.936 ng
RT: 13.934 min Scan# 1861
Delta R.T. -0.017 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

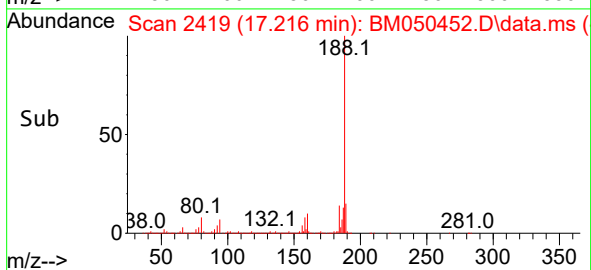
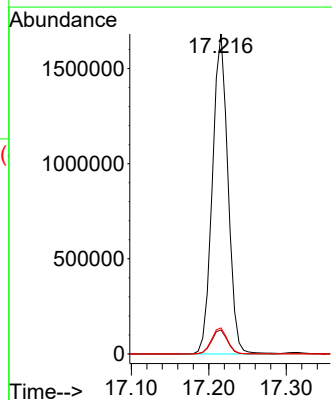
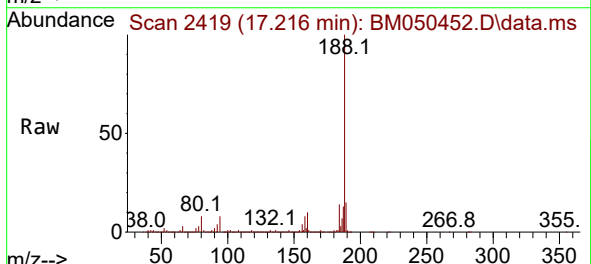
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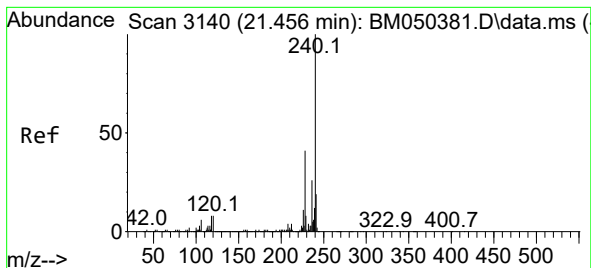
Tgt Ion:163 Resp: 797621
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

Tgt Ion:188 Resp: 2348719
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.2 6.5 9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM050452.D

Acq: 15 Jul 2025 12:50

Instrument :

BNA_M

ClientSampleId :

G2(0-6)

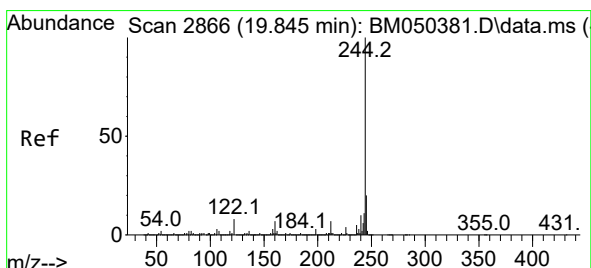
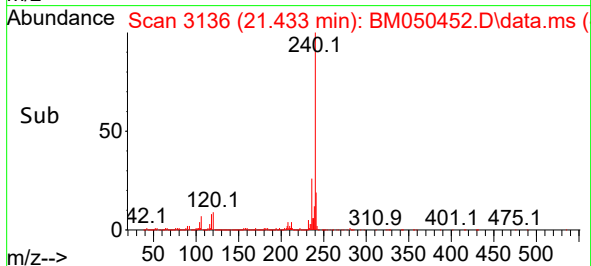
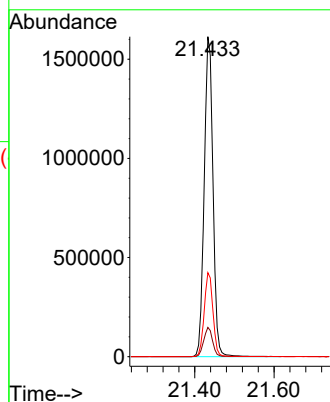
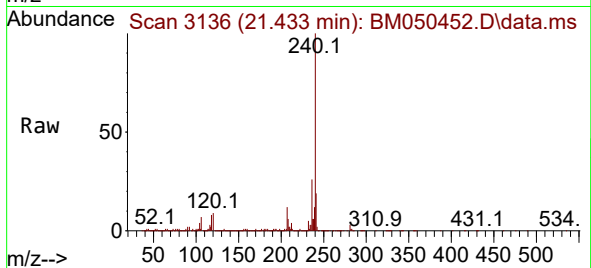
Tgt Ion:240 Resp: 2483396

Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

236 26.3 20.7 31.1



#79

Terphenyl-d14

Concen: 83.748 ng

RT: 19.827 min Scan# 2863

Delta R.T. -0.017 min

Lab File: BM050452.D

Acq: 15 Jul 2025 12:50

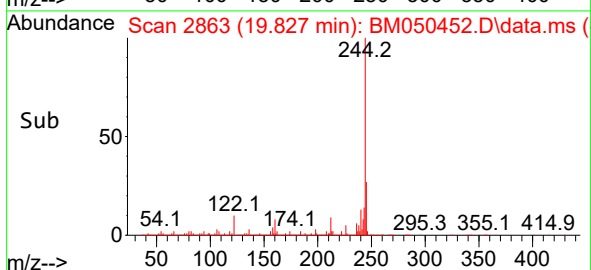
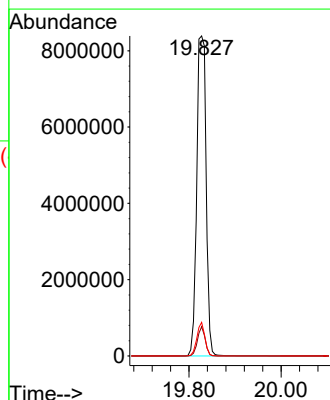
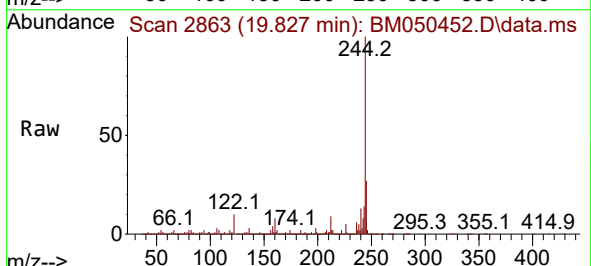
Tgt Ion:244 Resp:11820635

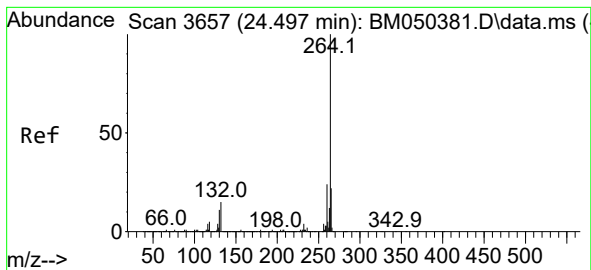
Ion Ratio Lower Upper

244 100

212 9.1 5.7 8.5#

122 10.5 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 30
Delta R.T. -0.035 min
Lab File: BM050452.D
Acq: 15 Jul 2025 12:50

Instrument :
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Tgt Ion:264 Resp: 2659318

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.8	26.6

