

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050458.D
 Acq On : 15 Jul 2025 16:51
 Operator : RC/JU
 Sample : Q2571-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-17

Quant Time: Jul 15 18:10:55 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)

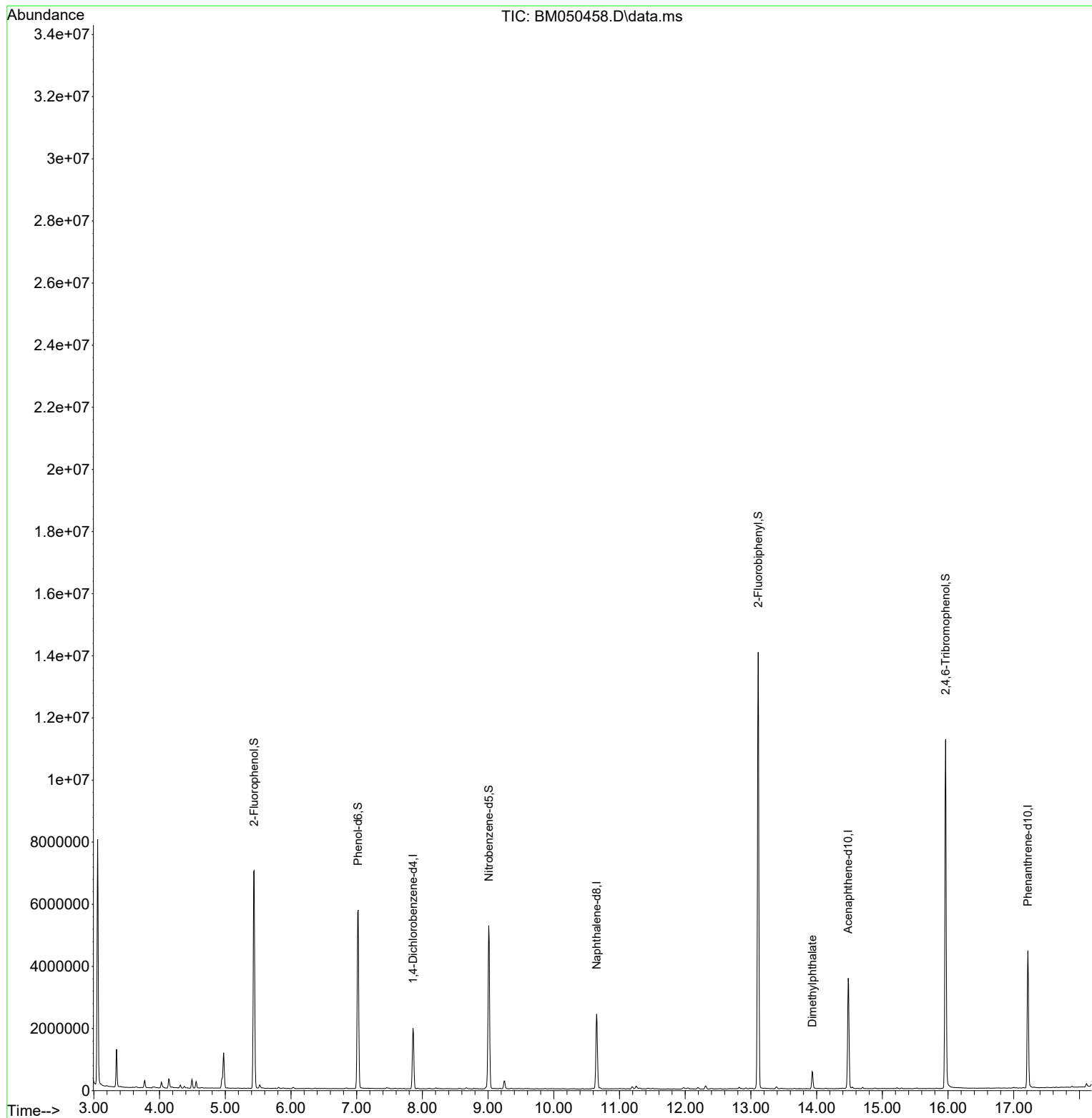
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	556678	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	2037089	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1305934	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2640403	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2730177	20.000	ng	-0.02
86) Perylene-d12	24.462	264	2771452	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3185633	98.504	ng	0.00
7) Phenol-d6	7.022	99	3346435	82.084	ng	0.00
23) Nitrobenzene-d5	9.010	82	2945120	73.759	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	2314823	145.887	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	7500919	70.931	ng	-0.01
79) Terphenyl-d14	19.827	244	11940158	76.948	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.933	163	360862	4.014	ng	Qvalue 100

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

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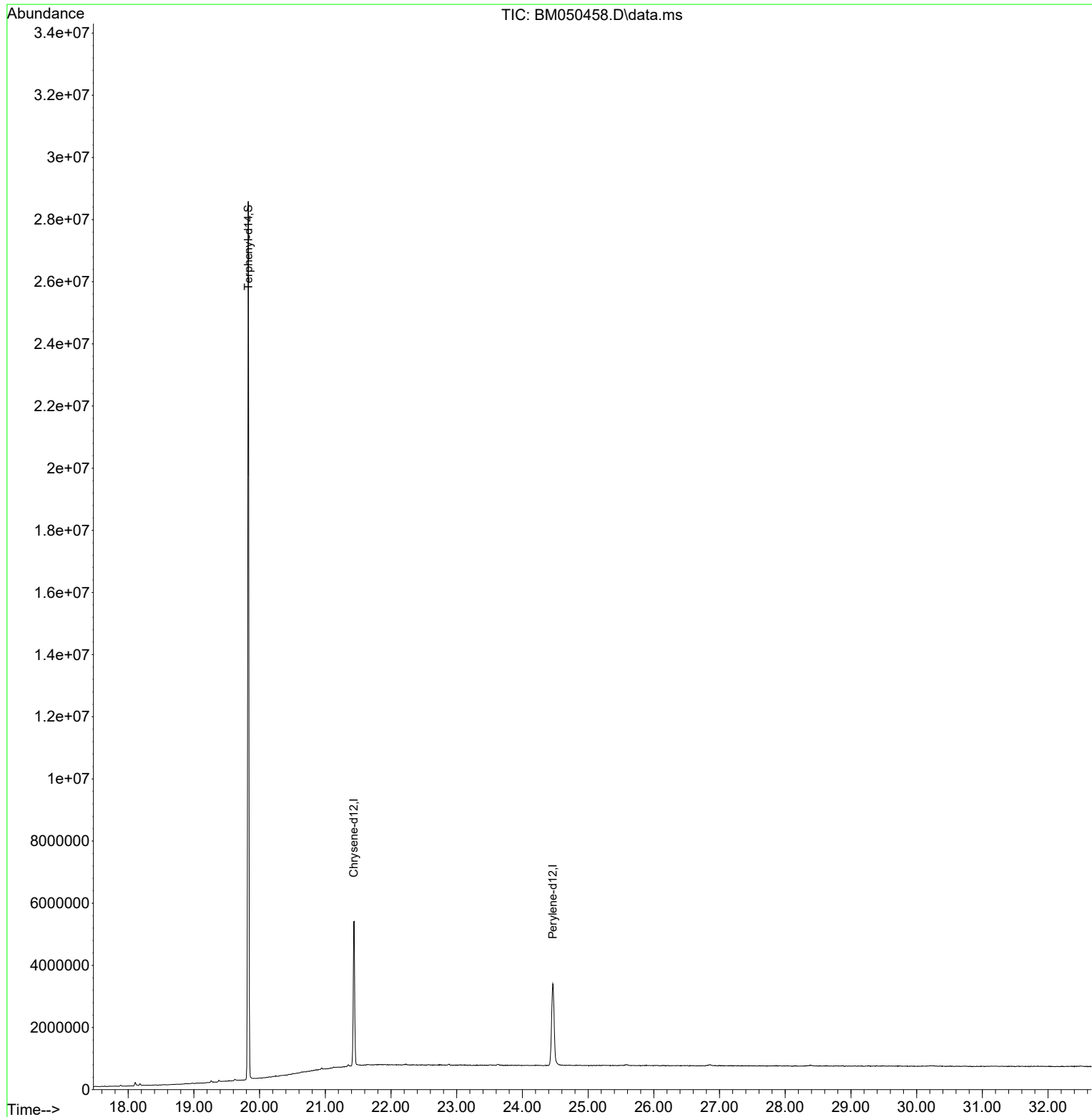
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
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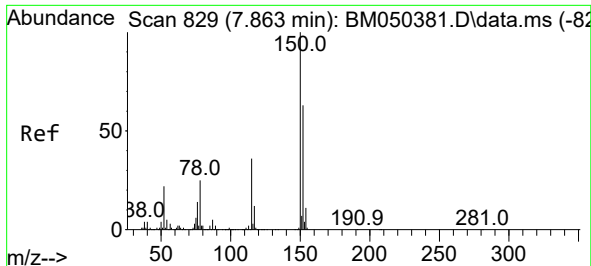


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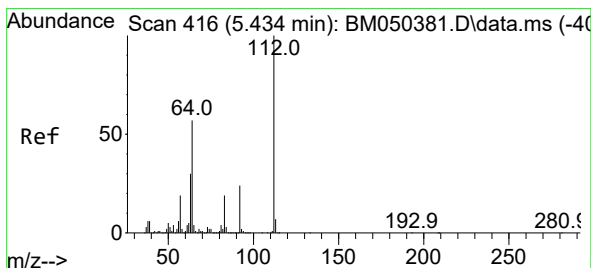
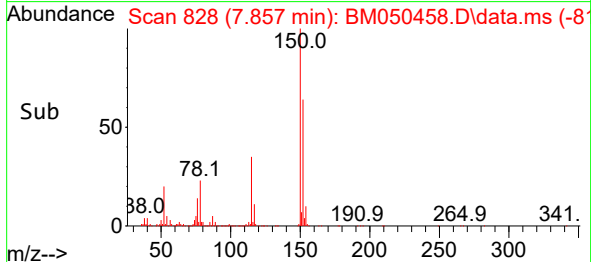
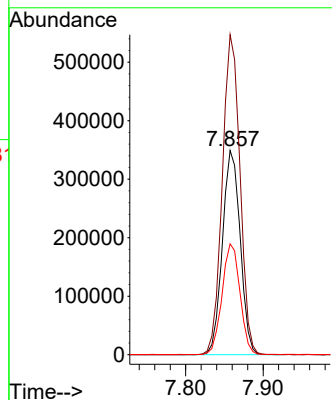
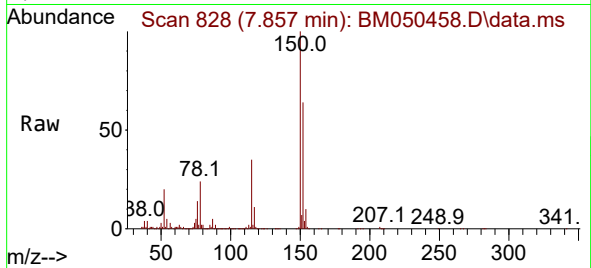




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

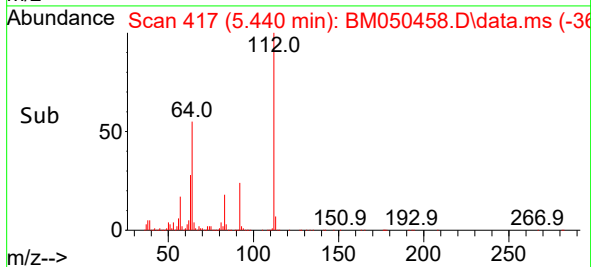
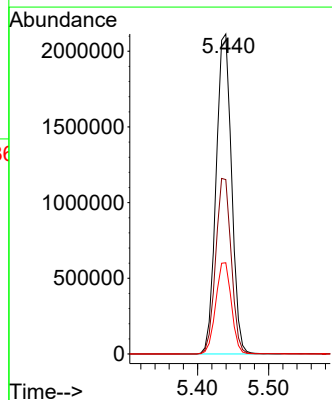
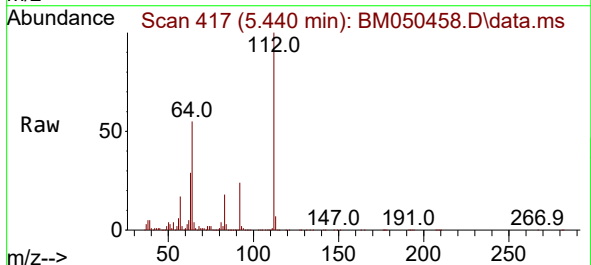
Instrument :
BNA_M
ClientSampleId :
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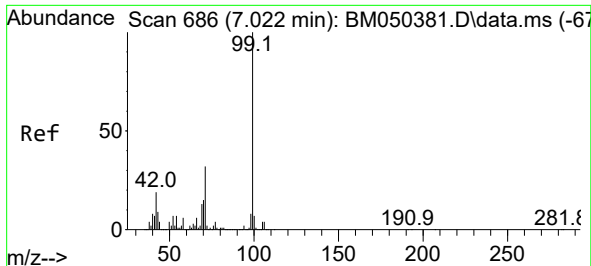
Tgt Ion:152 Resp: 556678
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 54.4 45.8 68.8



#5
2-Fluorophenol
Concen: 98.504 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

Tgt Ion:112 Resp: 3185633
Ion Ratio Lower Upper
112 100
64 54.5 45.5 68.3
63 28.5 24.2 36.4

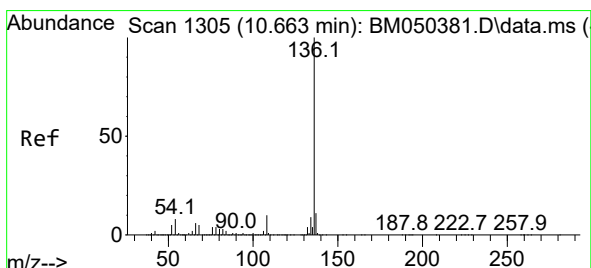
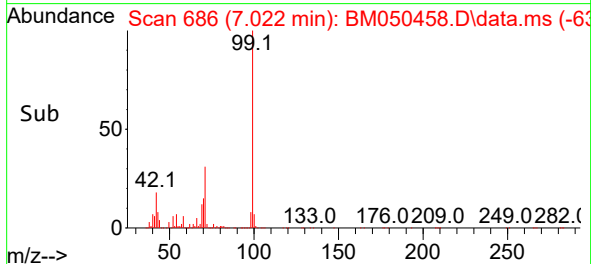
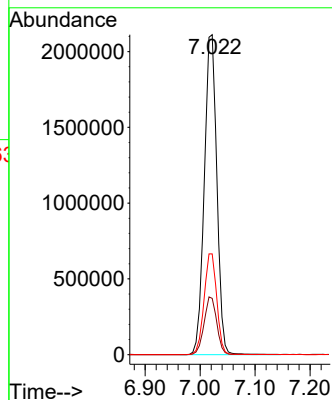
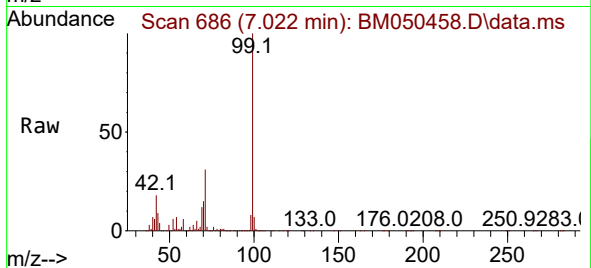




#7
Phenol-d6
Concen: 82.084 ng
RT: 7.022 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

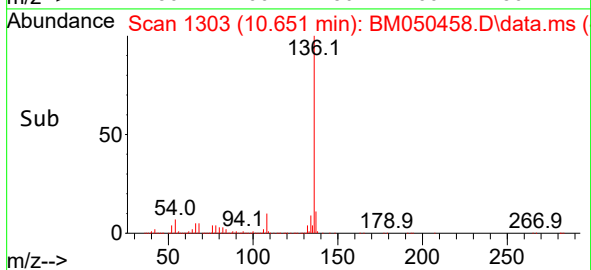
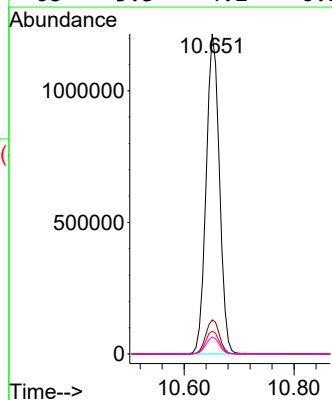
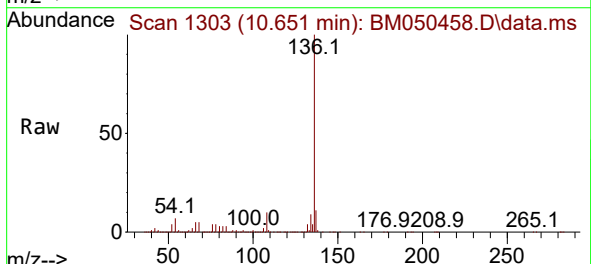
Instrument :
BNA_M
ClientSampleId :
TP-17

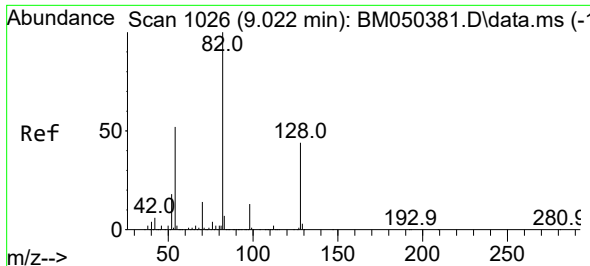
Tgt Ion: 99 Resp: 3346435
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.6
71 31.5 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

Tgt Ion: 136 Resp: 2037089
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 6.3 9.5
68 5.3 4.2 6.2

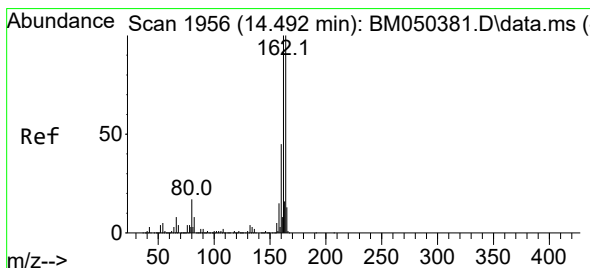
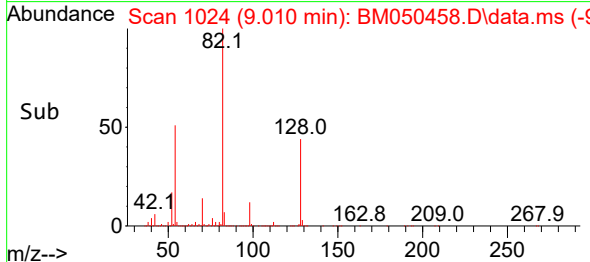
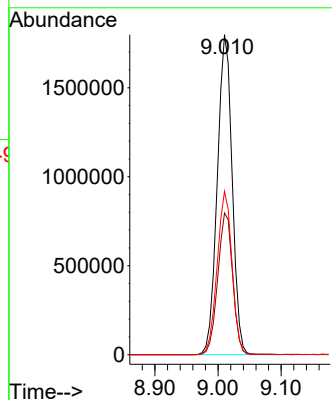
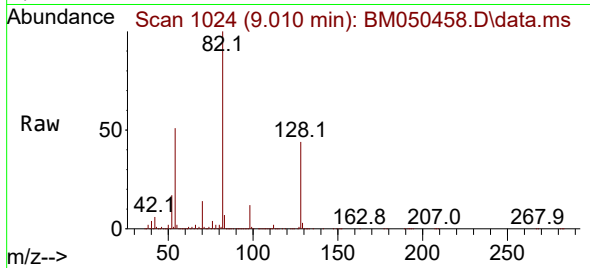




#23
Nitrobenzene-d5
Concen: 73.759 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

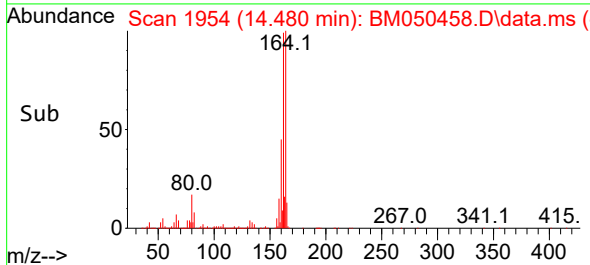
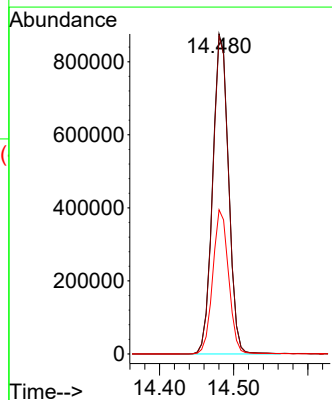
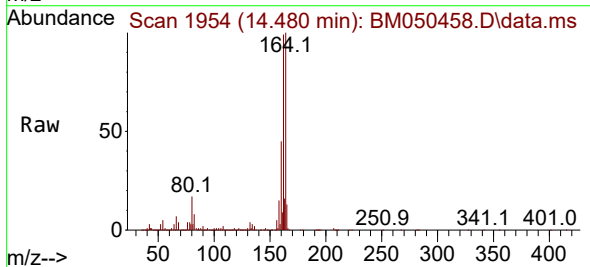
Instrument :
BNA_M
ClientSampleId :
TP-17

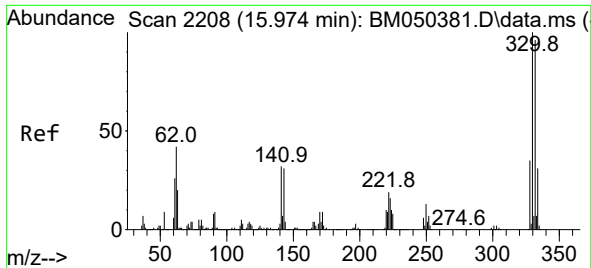
Tgt Ion: 82 Resp: 2945120
Ion Ratio Lower Upper
82 100
128 44.3 35.2 52.8
54 51.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

Tgt Ion:164 Resp: 1305934
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 45.0 36.2 54.4

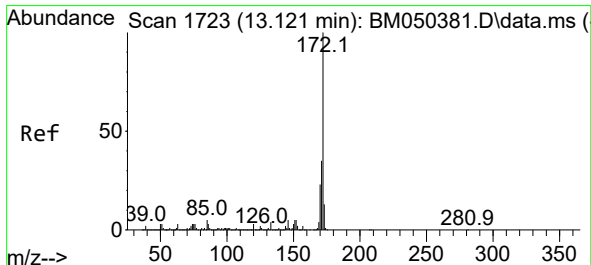
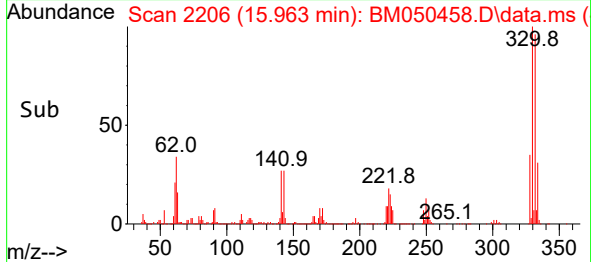
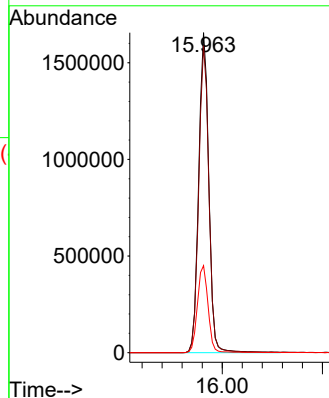
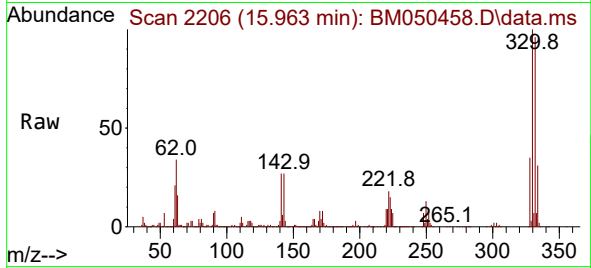




#42
2,4,6-Tribromophenol
Concen: 145.887 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

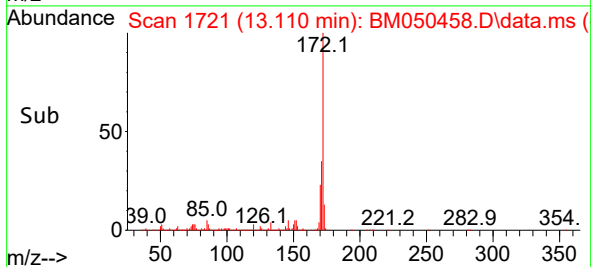
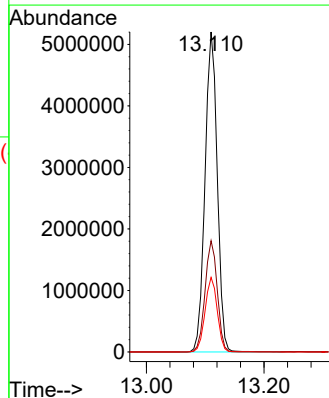
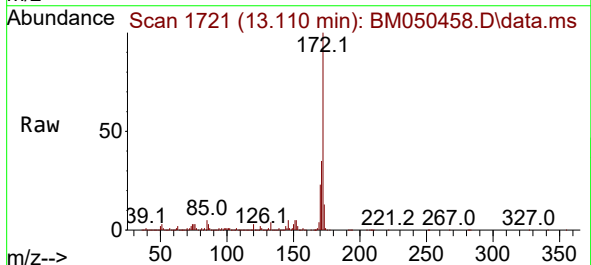
Instrument :
BNA_M
ClientSampleId :
TP-17

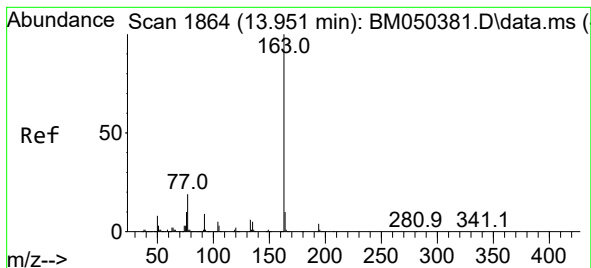
Tgt Ion:330 Resp: 2314823
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 28.5 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 70.931 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

Tgt Ion:172 Resp: 7500919
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.3 18.8 28.2

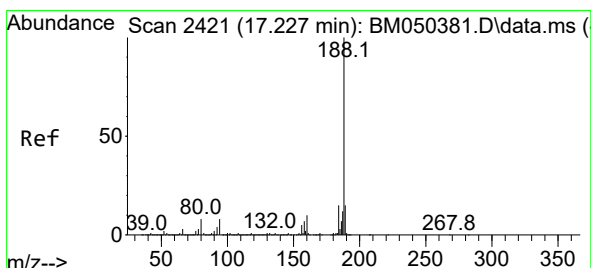
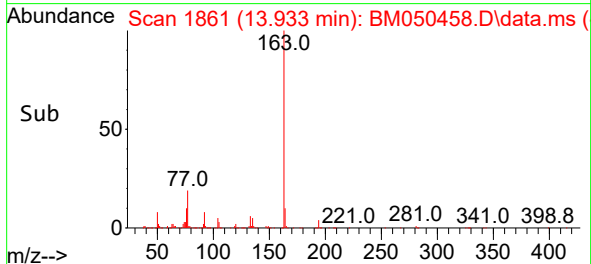
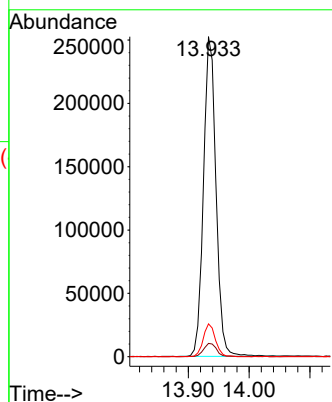
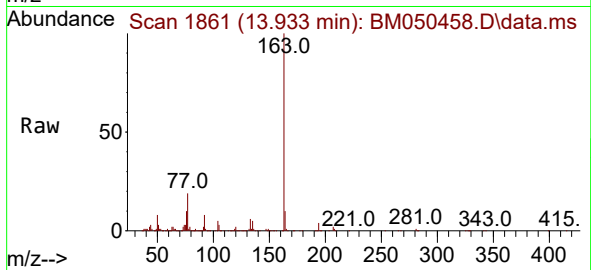




#50
Dimethylphthalate
Concen: 4.014 ng
RT: 13.933 min Scan# 1861
Delta R.T. -0.017 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

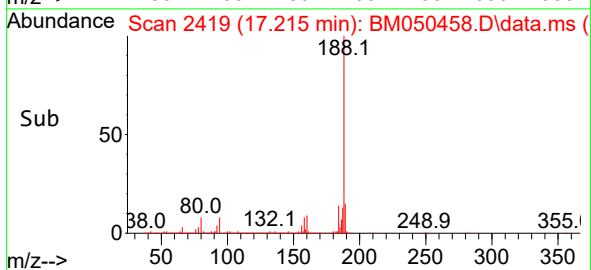
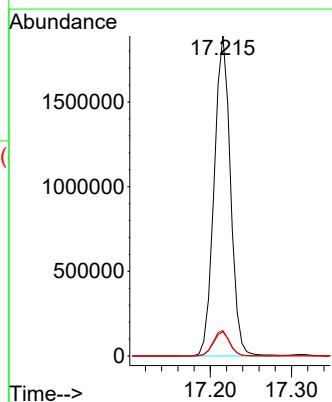
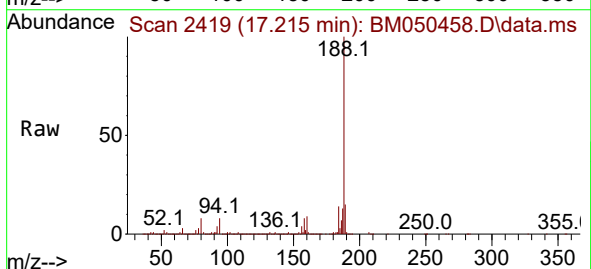
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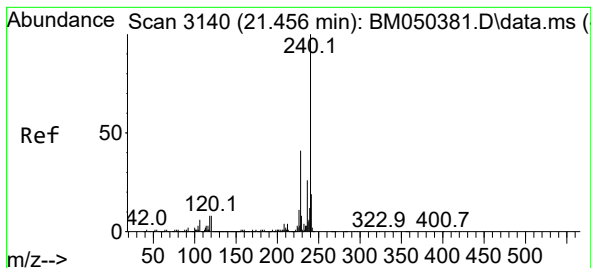
Tgt Ion:163 Resp: 360862
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050458.D
Acq: 15 Jul 2025 16:51

Tgt Ion:188 Resp: 2640403
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 7.9 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: BM050458.D

Acq: 15 Jul 2025 16:51

Instrument :

BNA_M

ClientSampleId :

TP-17

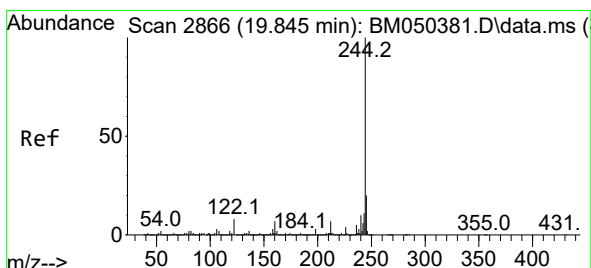
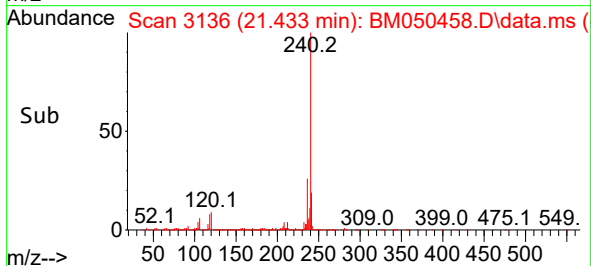
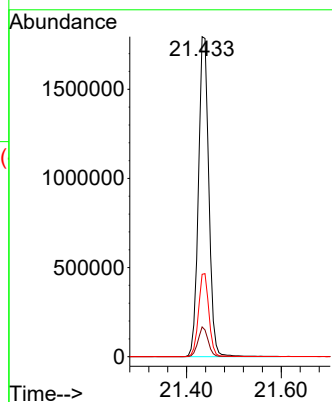
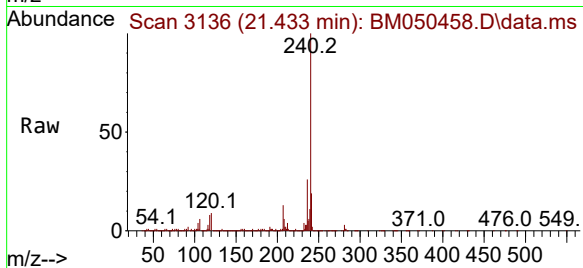
Tgt Ion:240 Resp: 2730177

Ion Ratio Lower Upper

240 100

120 9.3 6.7 10.1

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 76.948 ng

RT: 19.827 min Scan# 2863

Delta R.T. -0.017 min

Lab File: BM050458.D

Acq: 15 Jul 2025 16:51

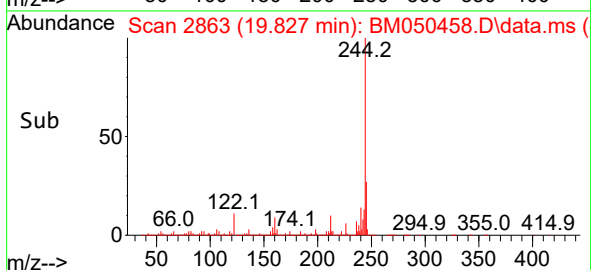
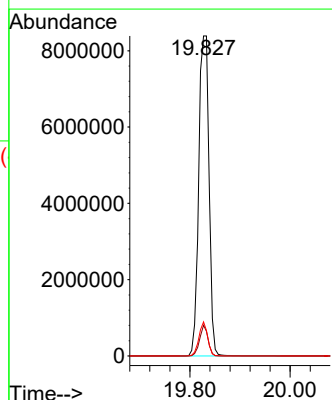
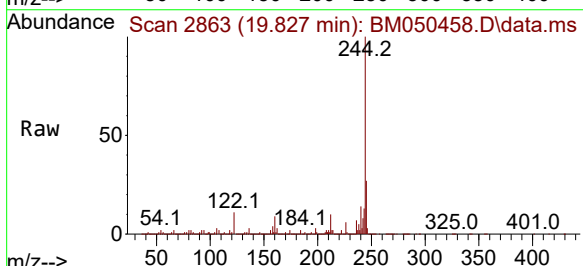
Tgt Ion:244 Resp:11940158

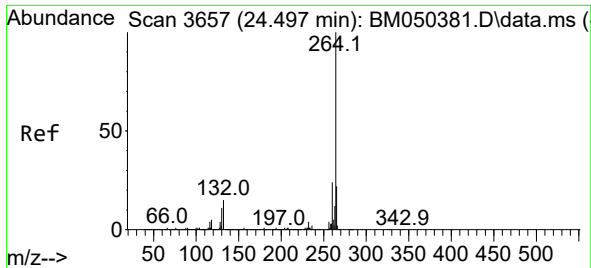
Ion Ratio Lower Upper

244 100

212 9.6 5.7 8.5#

122 10.6 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: BM050458.D
 Acq: 15 Jul 2025 16:51

Instrument :
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Tgt Ion:264 Resp: 2771452
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.1 17.8 26.6

