

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050415.D
Acq On : 11 Jul 2025 16:24
Operator : RC/JU
Sample : PB168802BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168802BL

Quant Time: Jul 11 17:44:40 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	7.863	152	387286	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1348131	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	799830	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1446767	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1313023	20.000	ng	0.00
86) Perylene-d12	24.486	264	1392765	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3034104	134.853	ng	0.00
7) Phenol-d6	7.022	99	3688966	130.063	ng	0.00
23) Nitrobenzene-d5	9.016	82	2171017	82.159	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1211437	124.659	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5368560	82.890	ng	0.00
79) Terphenyl-d14	19.839	244	7485657	100.308	ng	0.00

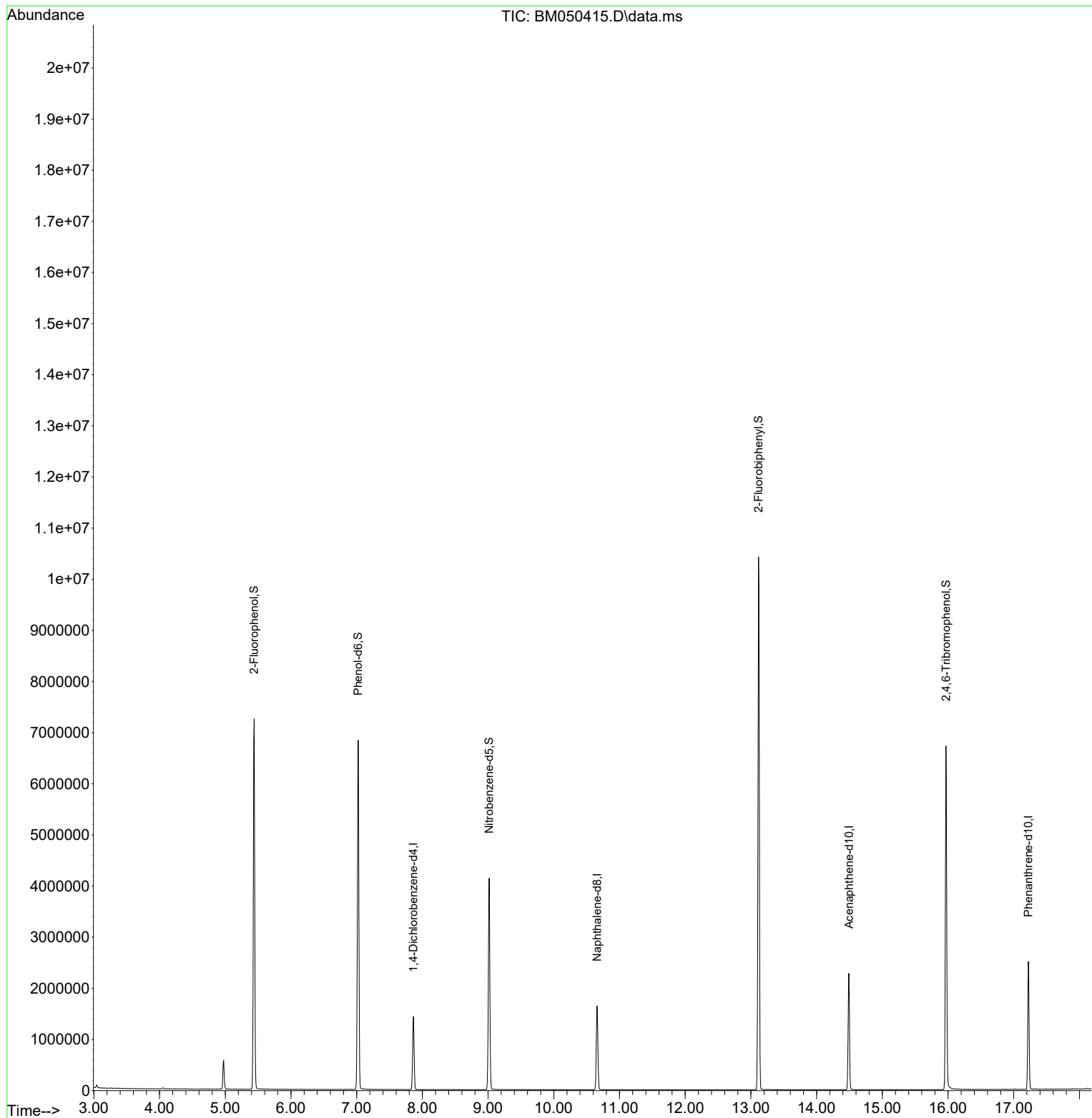
Target Compounds	Qvalue

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

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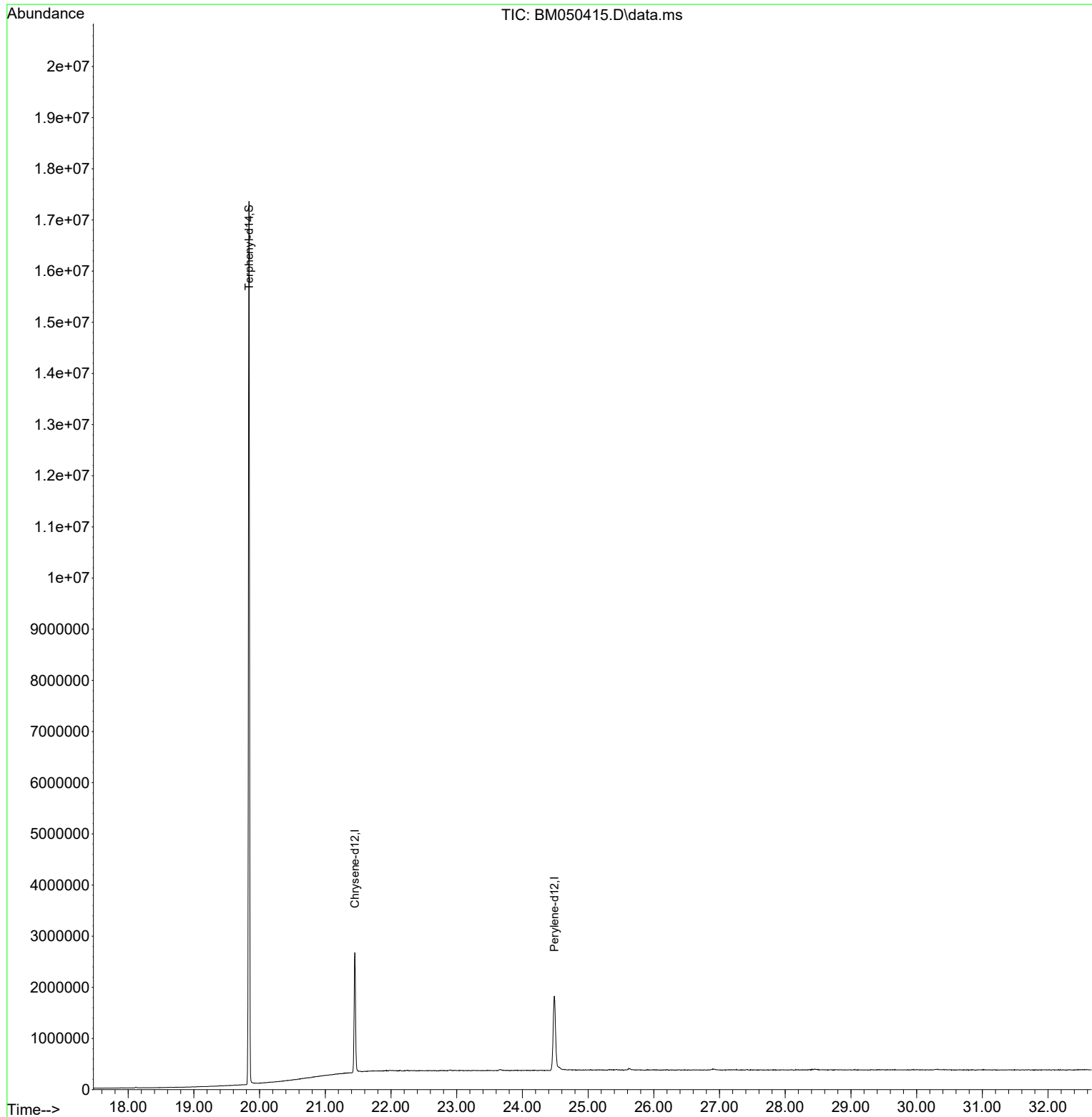
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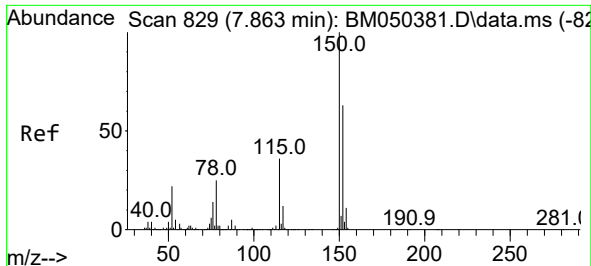


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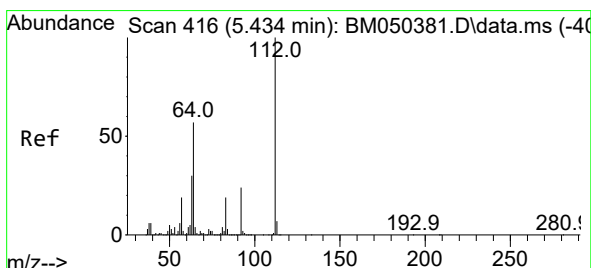
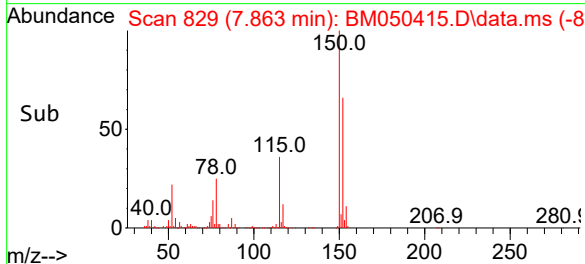
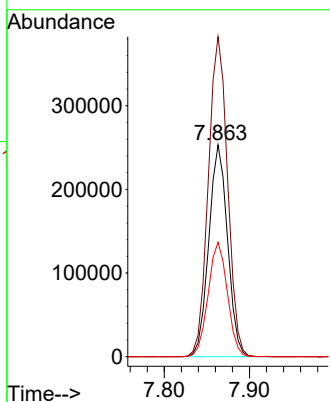
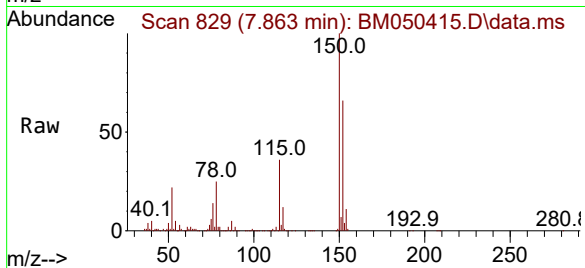




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

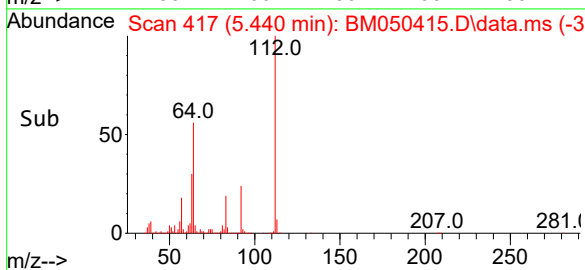
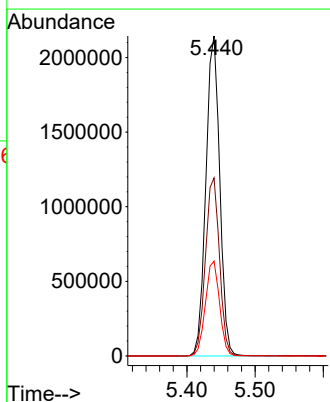
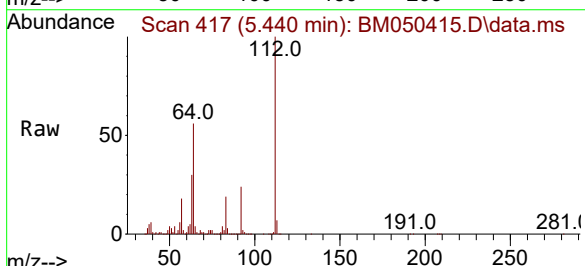
Instrument :
BNA_M
ClientSampleId :
PB168802BL

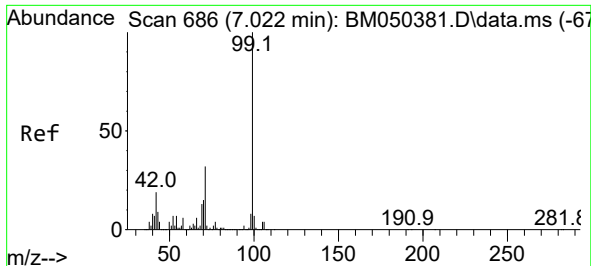
Tgt Ion:152 Resp: 387286
Ion Ratio Lower Upper
152 100
150 151.0 126.2 189.4
115 54.0 45.8 68.8



#5
2-Fluorophenol
Concen: 134.853 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

Tgt Ion:112 Resp: 3034104
Ion Ratio Lower Upper
112 100
64 55.7 45.5 68.3
63 29.6 24.2 36.4

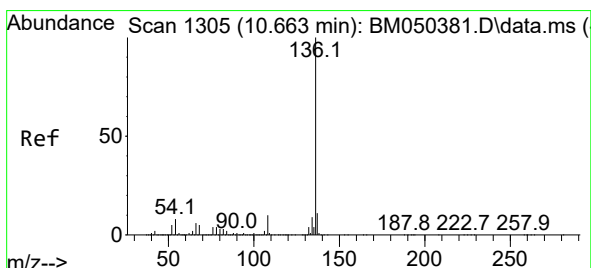
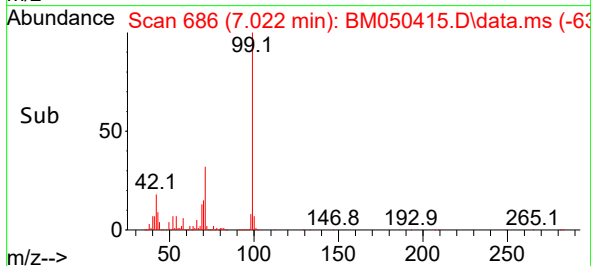
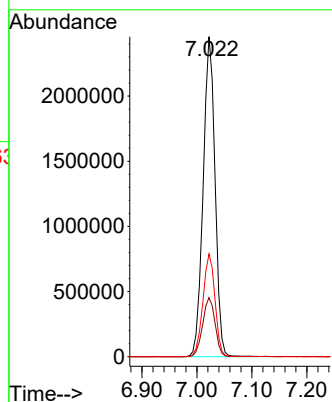
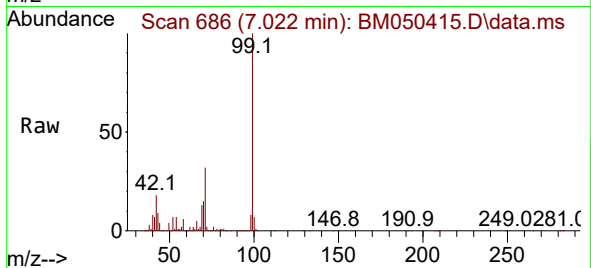




#7
Phenol-d6
Concen: 130.063 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

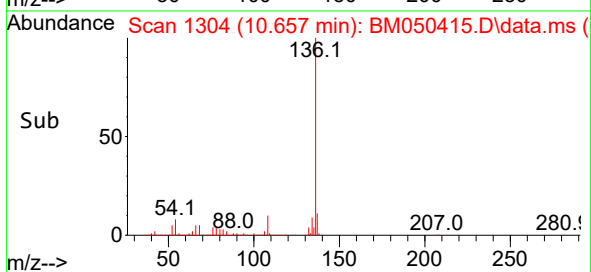
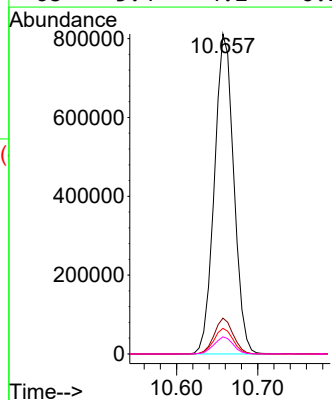
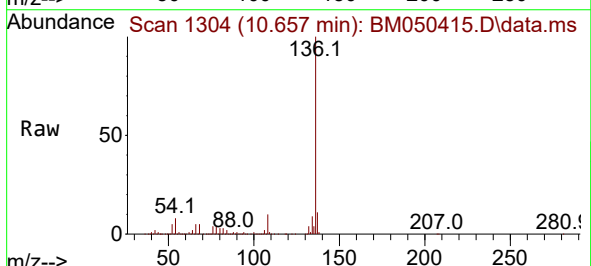
Instrument :
BNA_M
ClientSampleId :
PB168802BL

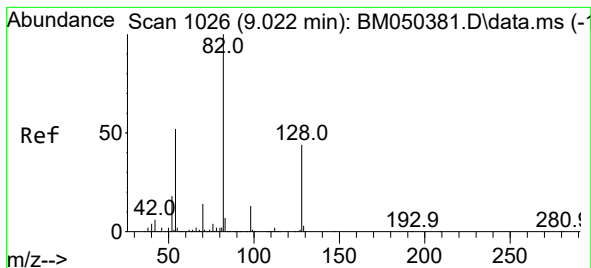
Tgt Ion: 99 Resp: 3688966
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 32.1 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

Tgt Ion:136 Resp: 1348131
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 6.3 9.5
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 82.159 ng

RT: 9.016 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BM050415.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_M

ClientSampleId :

PB168802BL

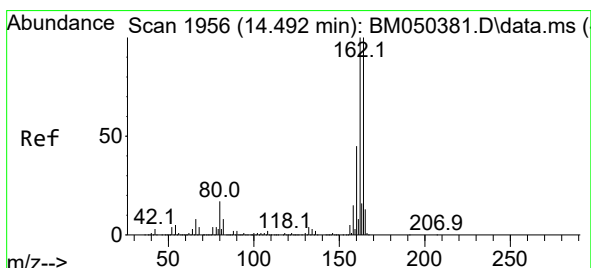
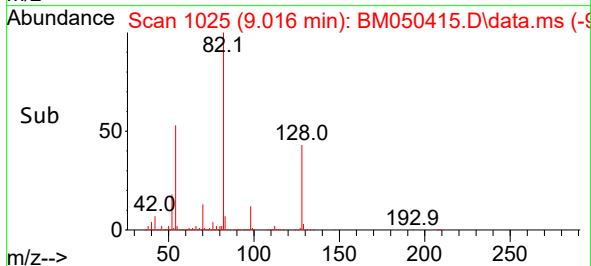
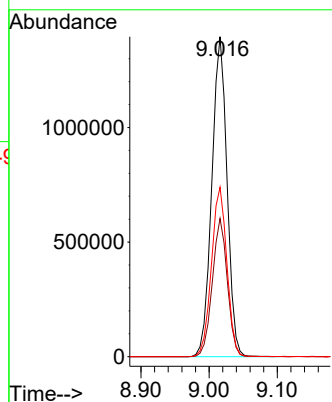
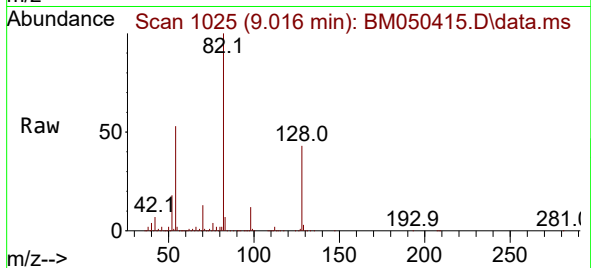
Tgt Ion: 82 Resp: 2171017

Ion Ratio Lower Upper

82 100

128 43.2 35.2 52.8

54 53.0 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050415.D

Acq: 11 Jul 2025 16:24

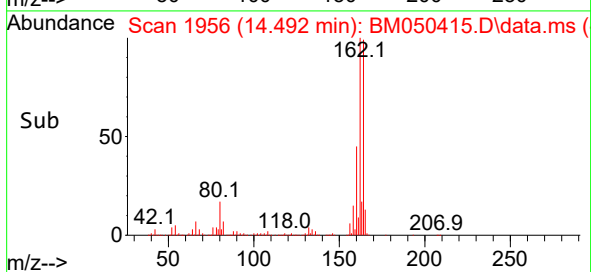
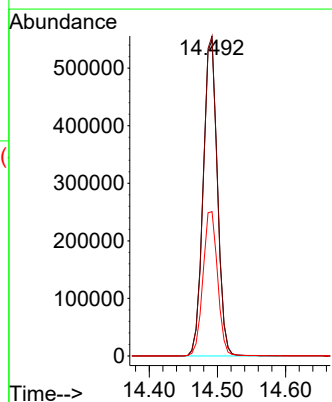
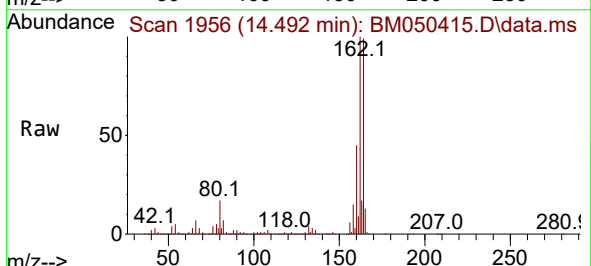
Tgt Ion:164 Resp: 799830

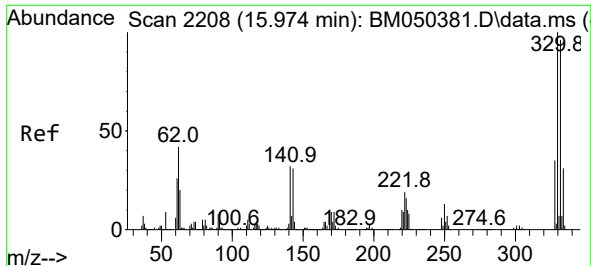
Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 45.6 36.2 54.4

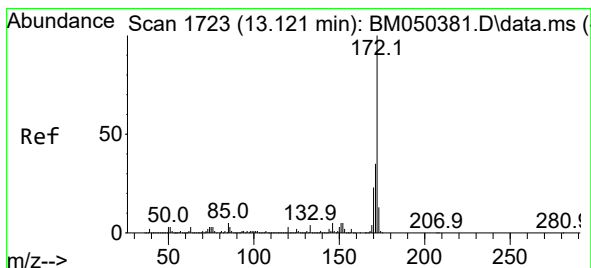
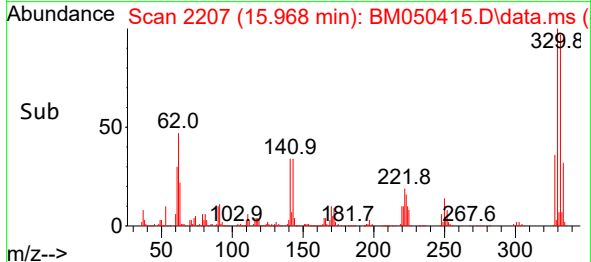
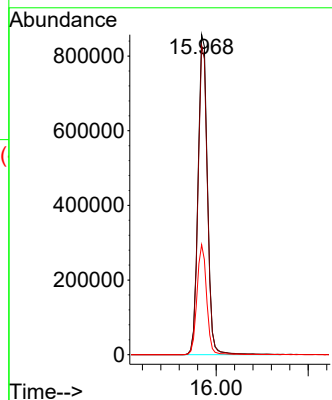
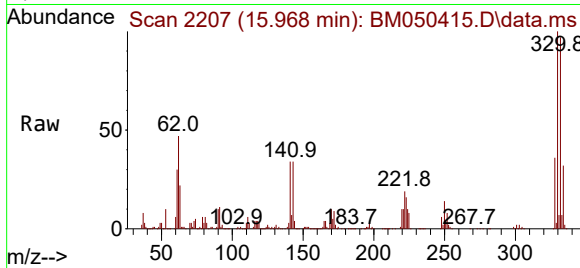




#42
2,4,6-Tribromophenol
Concen: 124.659 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

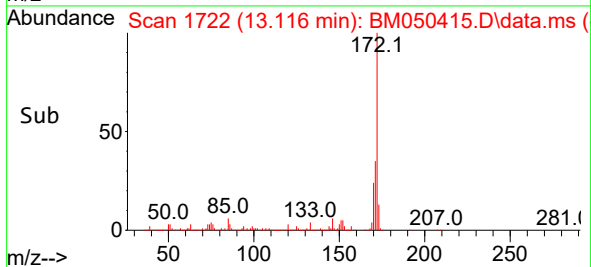
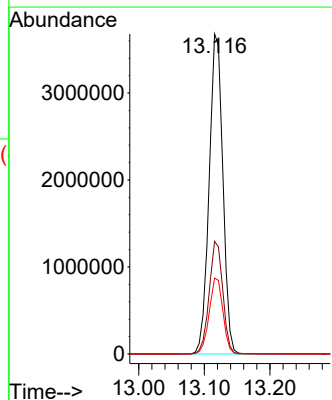
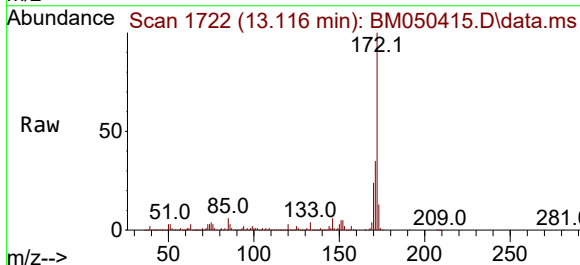
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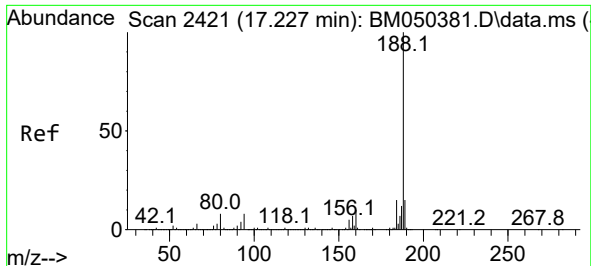
Tgt Ion:330 Resp: 1211437
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 35.2 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 82.890 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

Tgt Ion:172 Resp: 5368560
Ion Ratio Lower Upper
172 100
171 35.2 27.7 41.5
170 23.8 18.8 28.2

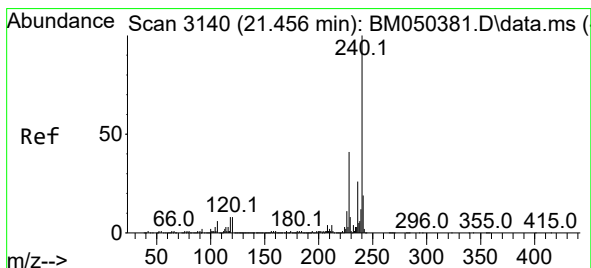
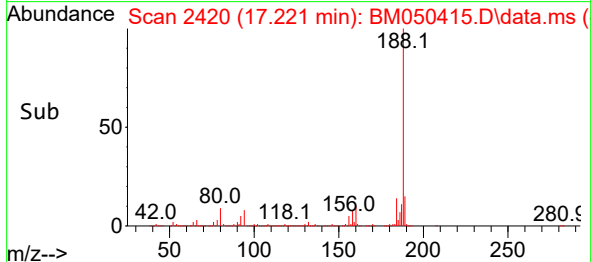
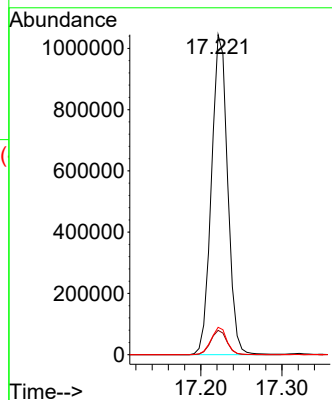
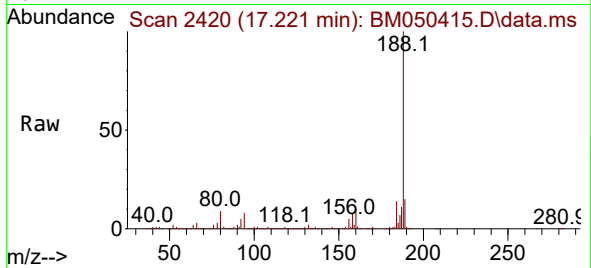




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

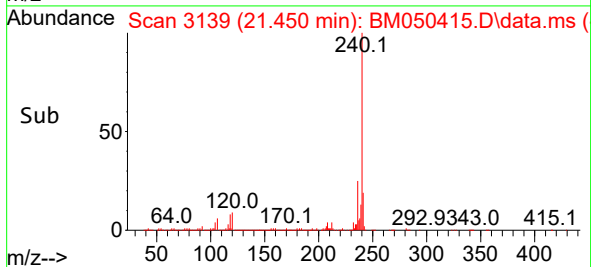
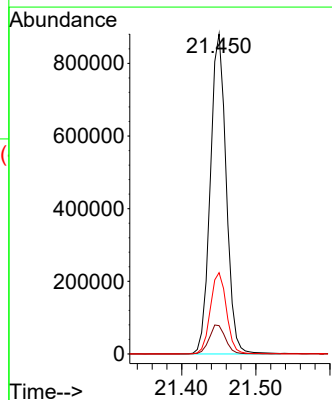
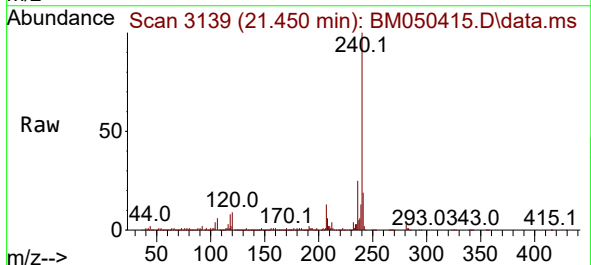
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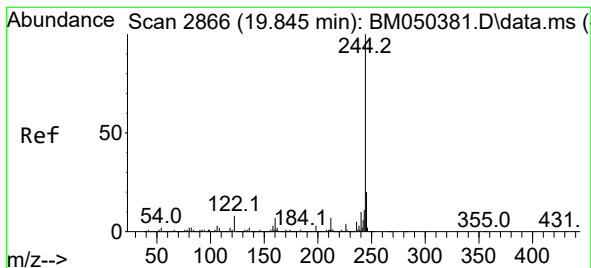
Tgt Ion:188 Resp: 1446767
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.6 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050415.D
Acq: 11 Jul 2025 16:24

Tgt Ion:240 Resp: 1313023
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 100.308 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050415.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_M

ClientSampleId :

PB168802BL

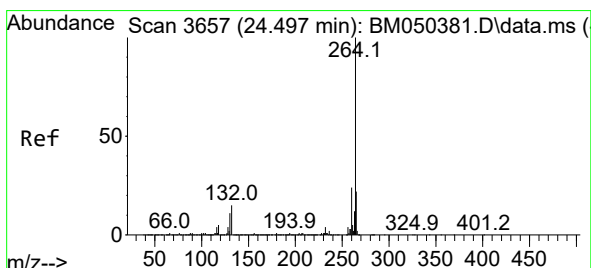
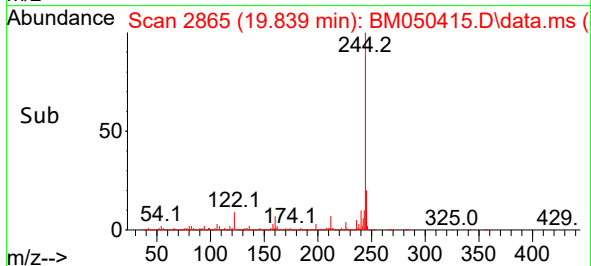
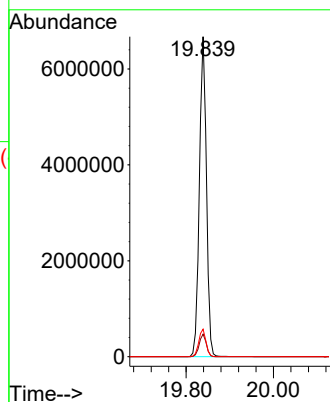
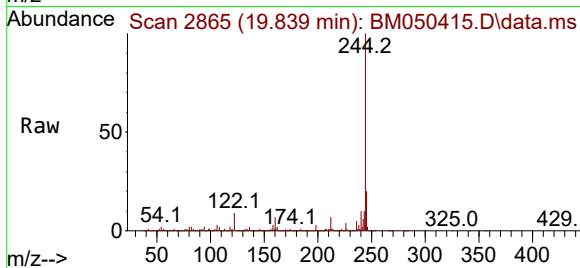
Tgt Ion:244 Resp: 7485657

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 8.6 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.486 min Scan# 3655

Delta R.T. -0.012 min

Lab File: BM050415.D

Acq: 11 Jul 2025 16:24

Tgt Ion:264 Resp: 1392765

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 17.8 26.6

