

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
 Data File : BM050475.D
 Acq On : 17 Jul 2025 14:57
 Operator : RC/JU
 Sample : PB168885BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168885BL

Quant Time: Jul 17 16:21:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	484190	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1695354	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1085065	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	2246799	20.000	ng	0.00
76) Chrysene-d12	21.427	240	2374390	20.000	ng	0.00
86) Perylene-d12	24.450	264	2623122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3740092	132.962	ng	0.00
7) Phenol-d6	7.010	99	4572384	128.946	ng	0.00
23) Nitrobenzene-d5	8.998	82	2748609	82.714	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2071363	157.116	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	7037234	80.092	ng	0.00
79) Terphenyl-d14	19.821	244	11688353	86.612	ng	0.00

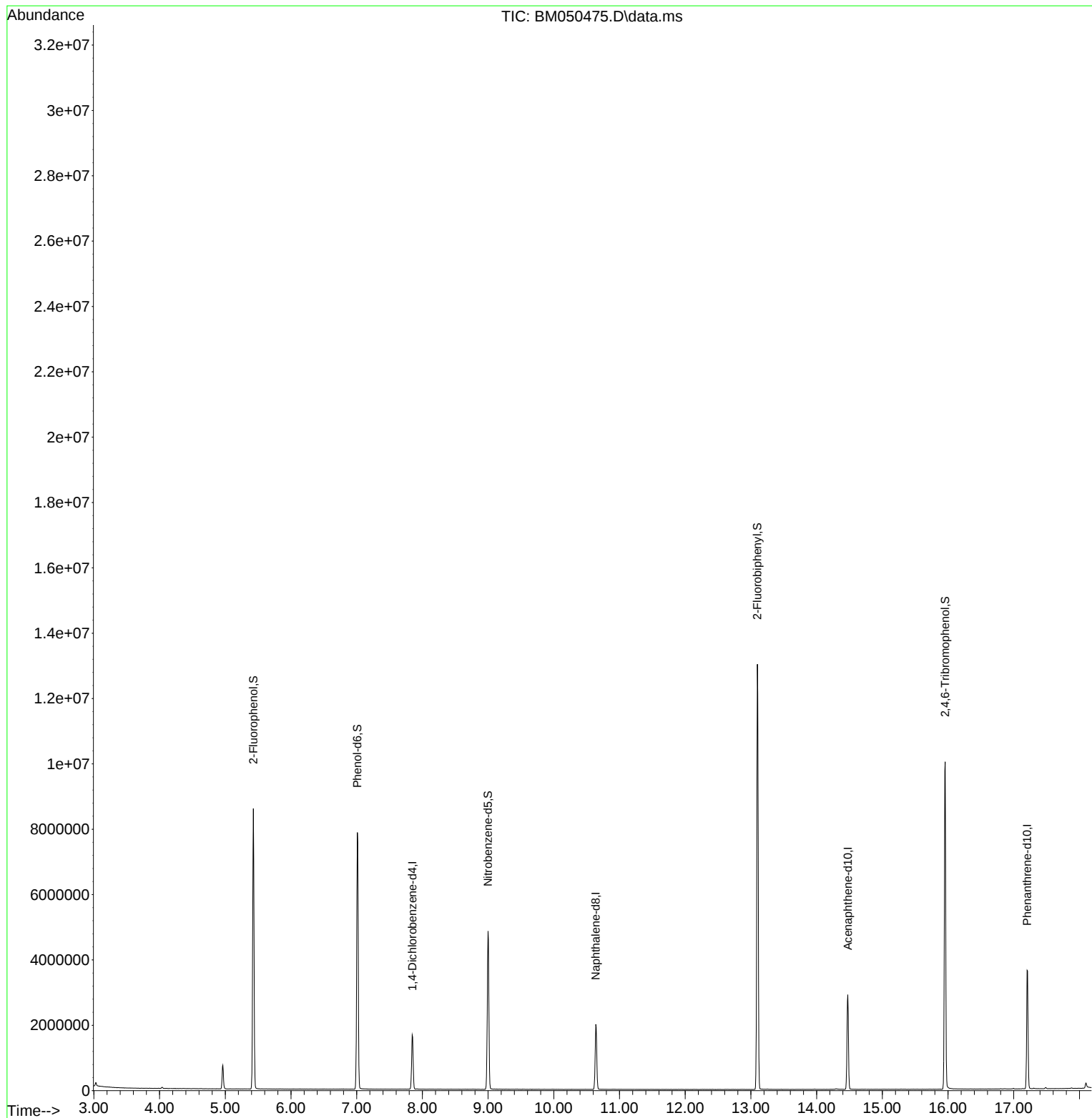
Target Compounds	Qvalue

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

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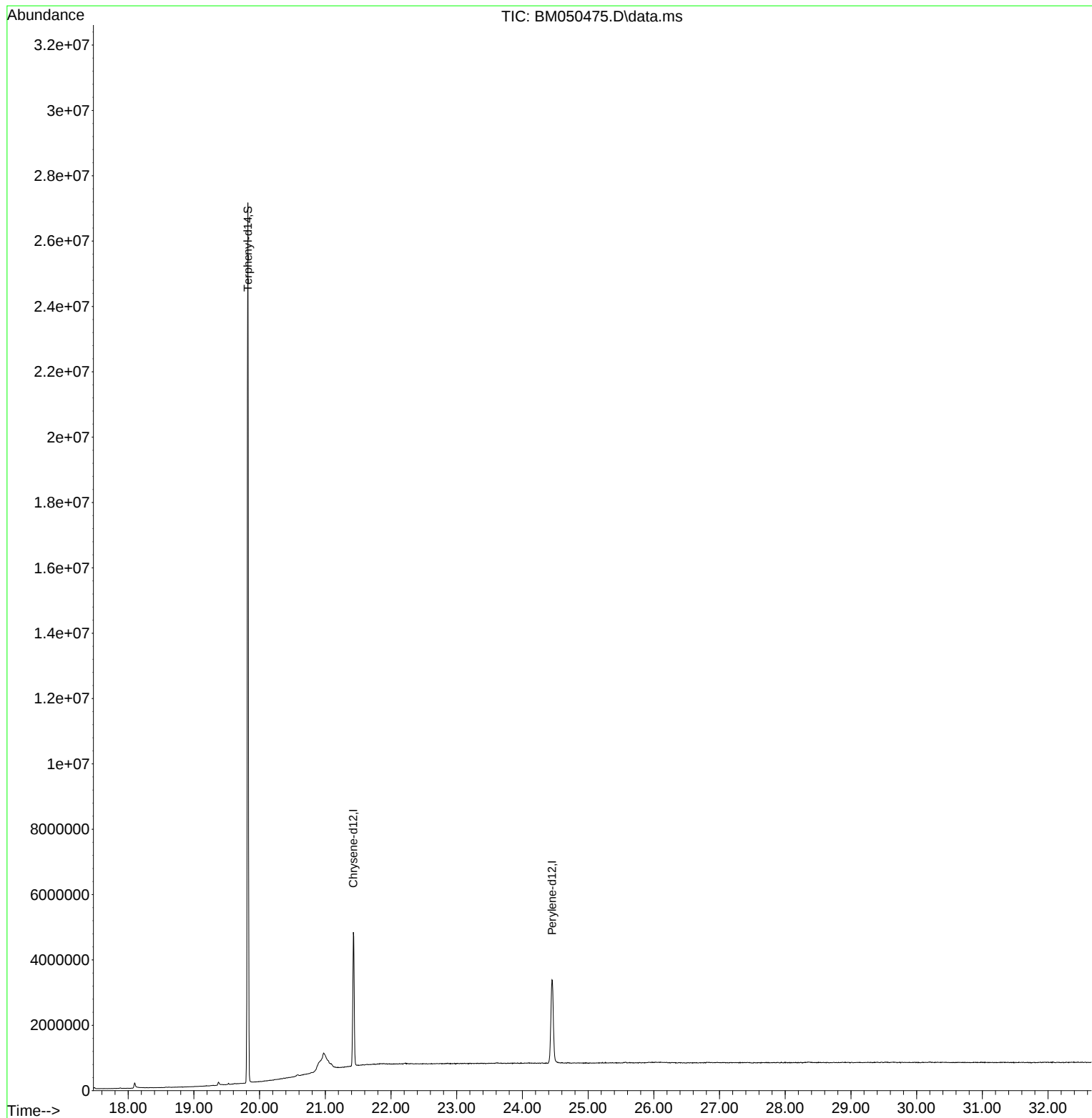
Quant Time: Jul 17 16:21:42 2025
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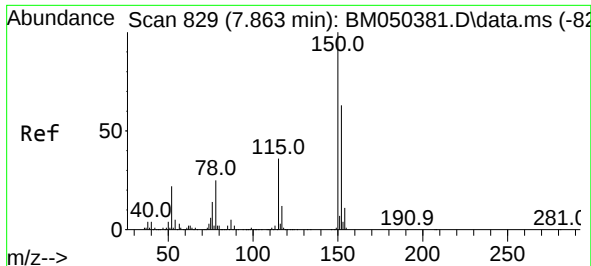


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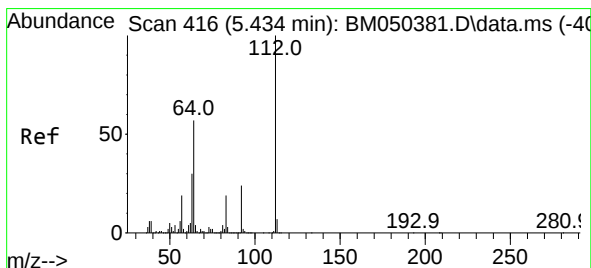
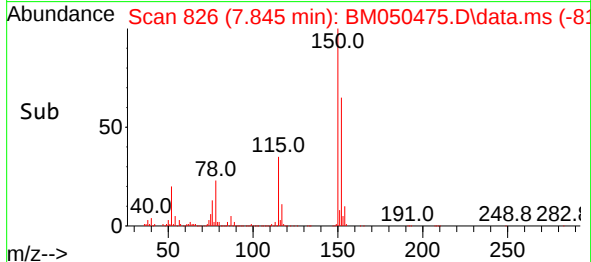
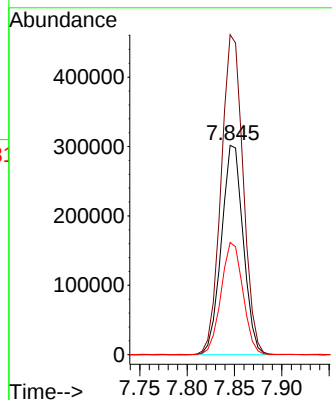
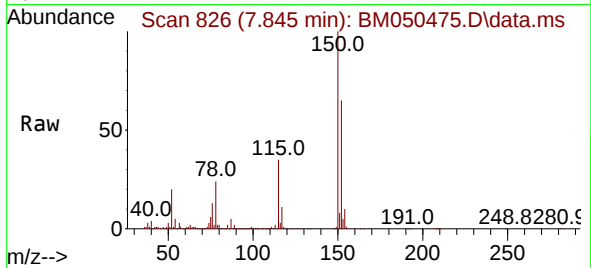




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050475.D
 Acq: 17 Jul 2025 14:57

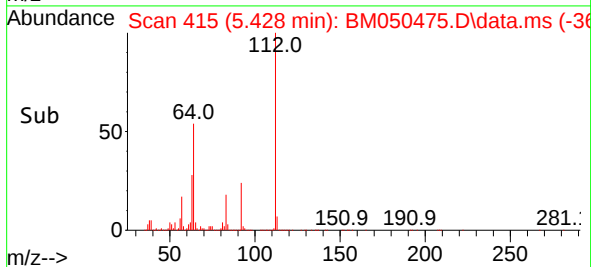
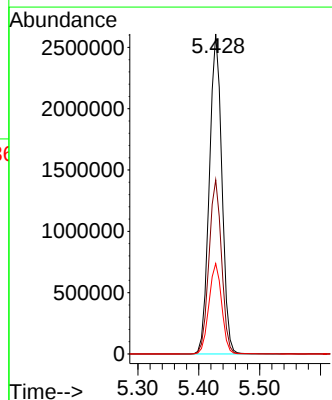
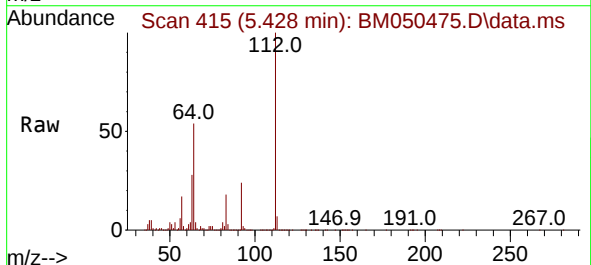
Instrument :
 BNA_M
 ClientSampleId :
 PB168885BL

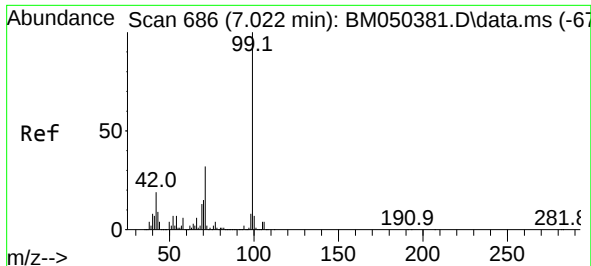
Tgt Ion:152 Resp: 484190
 Ion Ratio Lower Upper
 152 100
 150 152.9 126.2 189.4
 115 53.6 45.8 68.8



#5
 2-Fluorophenol
 Concen: 132.962 ng
 RT: 5.428 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: BM050475.D
 Acq: 17 Jul 2025 14:57

Tgt Ion:112 Resp: 3740092
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.5 68.3
 63 28.2 24.2 36.4

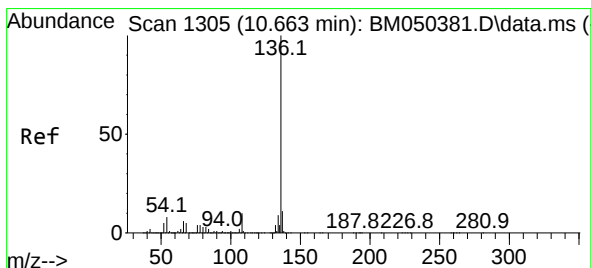
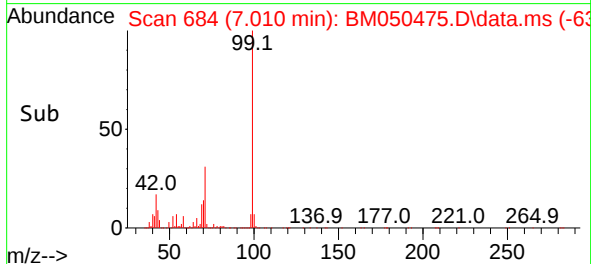
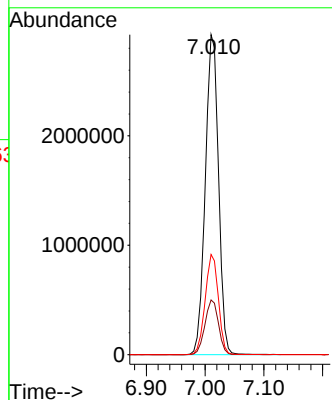
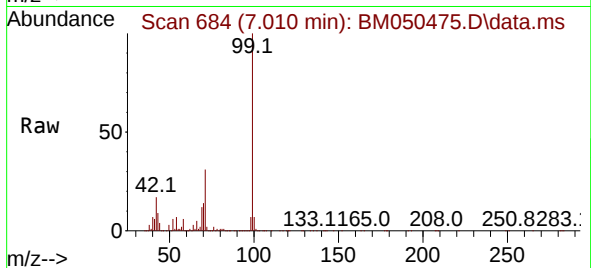




#7
Phenol-d6
Concen: 128.946 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

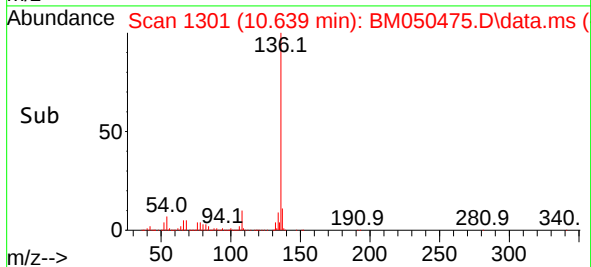
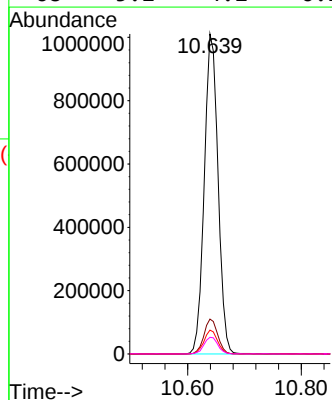
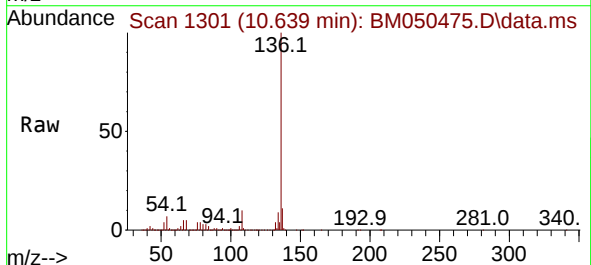
Instrument :
BNA_M
ClientSampleId :
PB168885BL

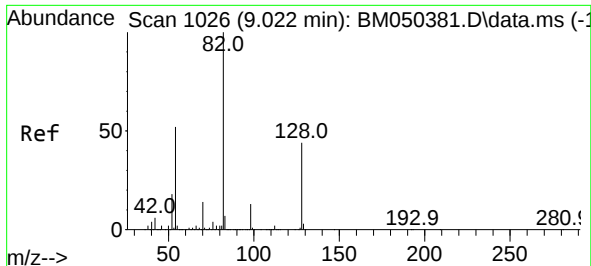
Tgt Ion: 99 Resp: 4572384
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 31.3 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

Tgt Ion: 136 Resp: 1695354
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.5 6.3 9.5
68 5.2 4.2 6.2

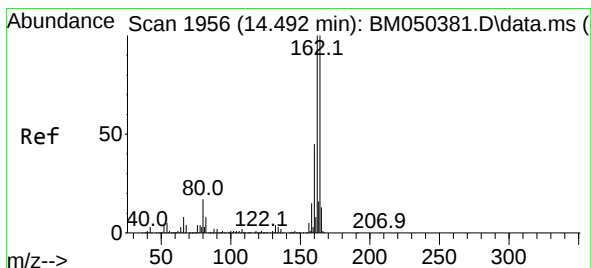
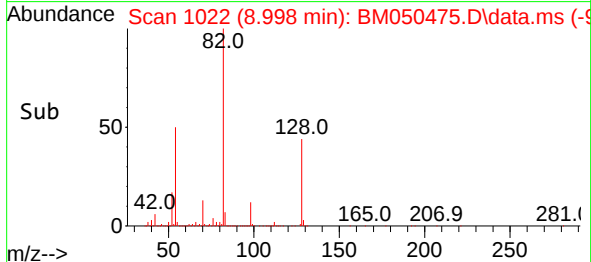
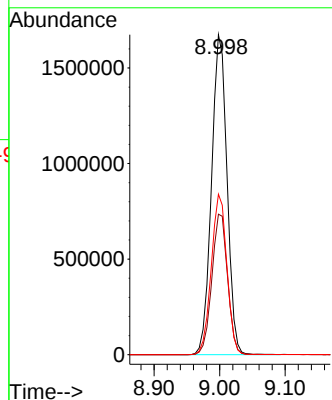
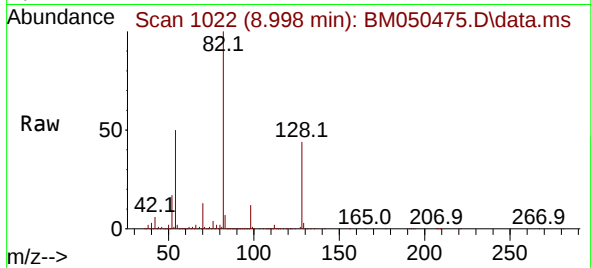




#23
Nitrobenzene-d5
Concen: 82.714 ng
RT: 8.998 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

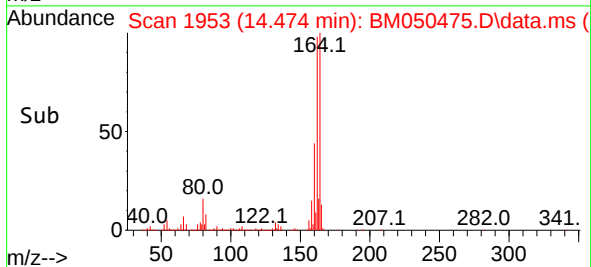
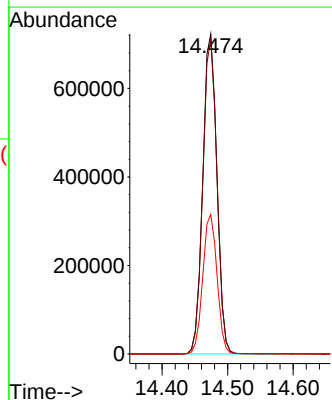
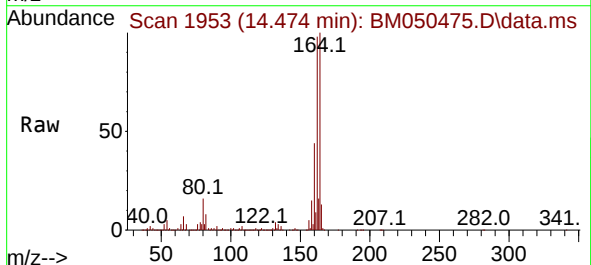
Instrument :
BNA_M
ClientSampleId :
PB168885BL

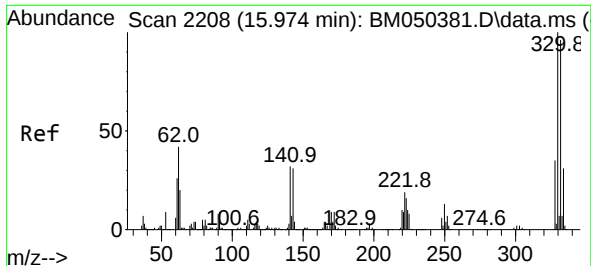
Tgt Ion: 82 Resp: 2748609
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.2 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

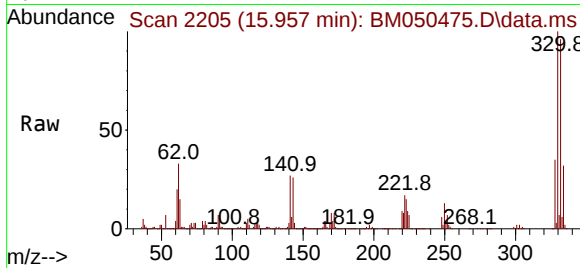
Tgt Ion:164 Resp: 1085065
Ion Ratio Lower Upper
164 100
162 98.3 79.9 119.9
160 43.7 36.2 54.4



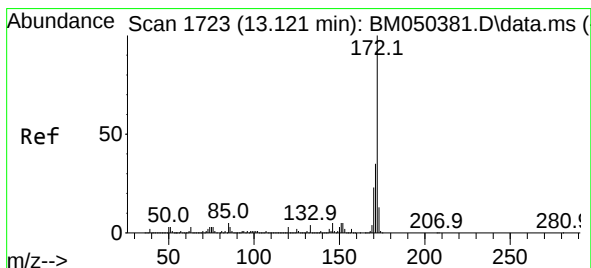
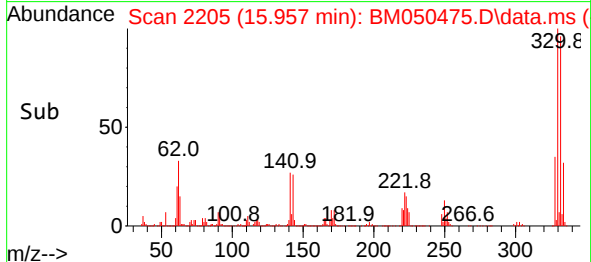
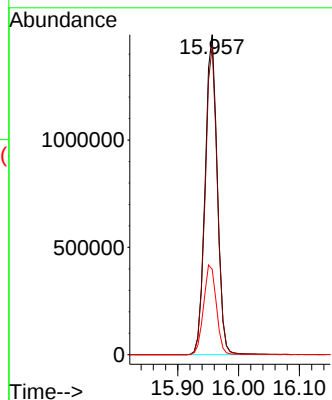


#42
2,4,6-Tribromophenol
Concen: 157.116 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

Instrument :
BNA_M
ClientSampleId :
PB168885BL

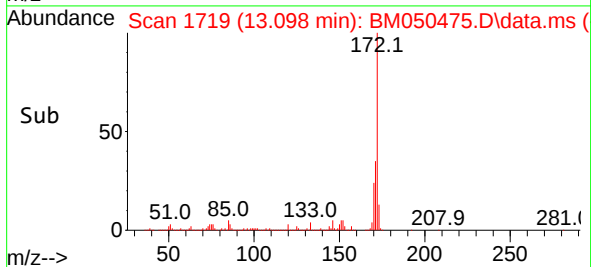
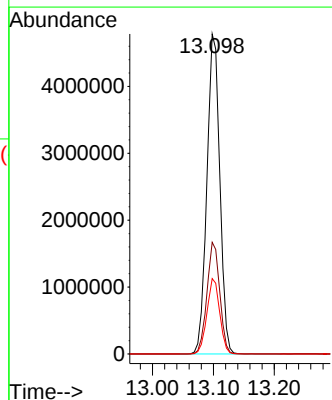
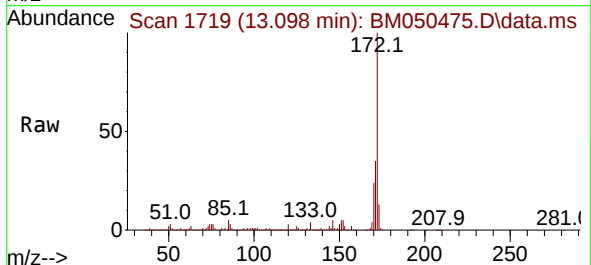


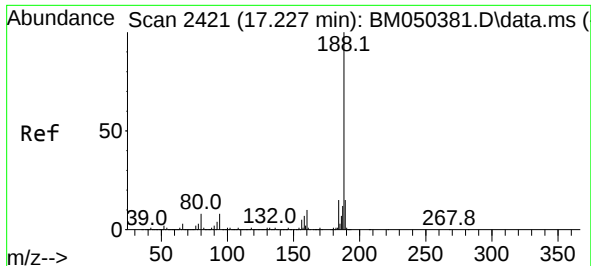
Tgt Ion:330 Resp: 2071363
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.4 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 80.092 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

Tgt Ion:172 Resp: 7037234
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.6 18.8 28.2

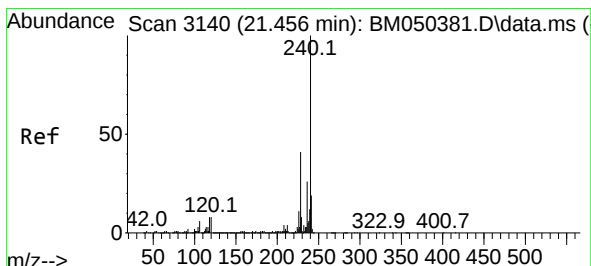
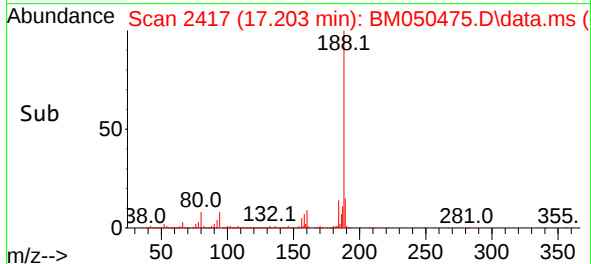
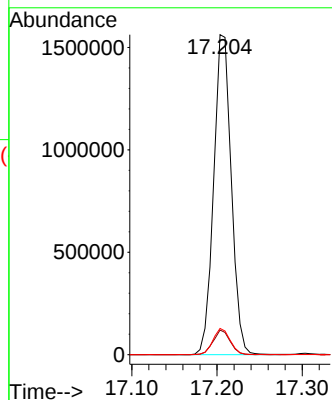
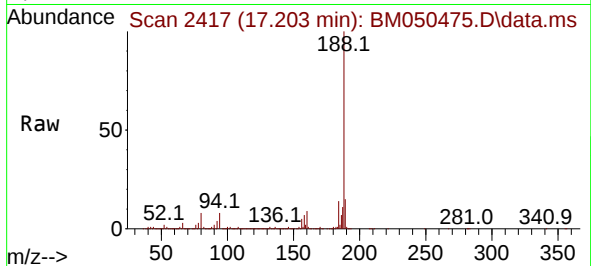




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

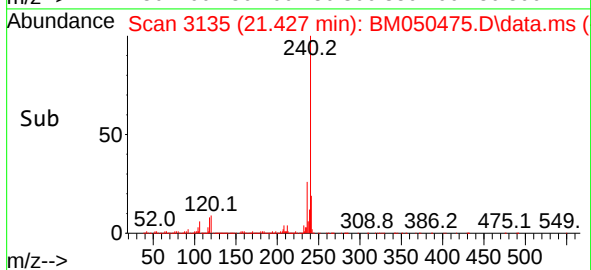
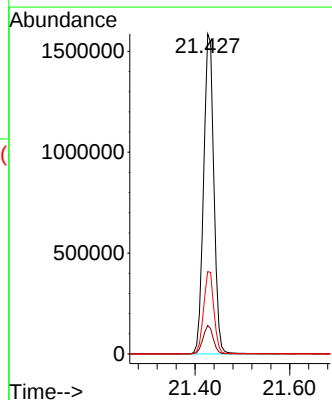
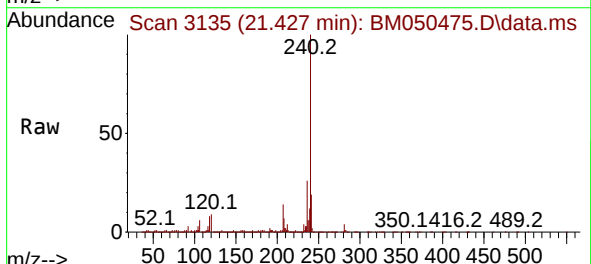
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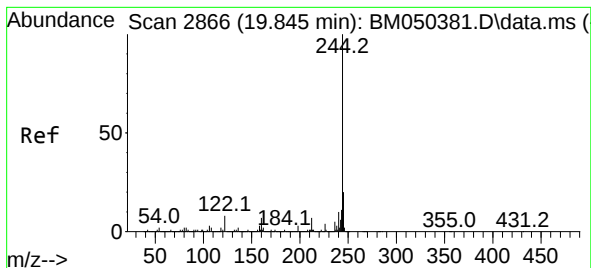
Tgt Ion:188 Resp: 2246799
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 8.2 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BM050475.D
Acq: 17 Jul 2025 14:57

Tgt Ion:240 Resp: 2374390
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 86.612 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050475.D

Acq: 17 Jul 2025 14:57

Instrument :

BNA_M

ClientSampleId :

PB168885BL

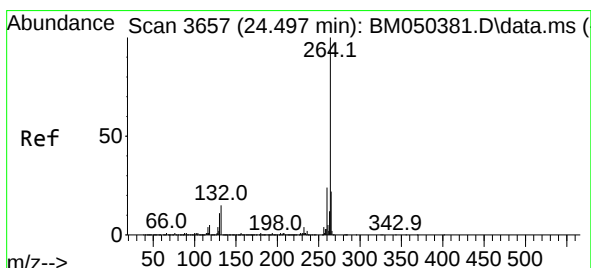
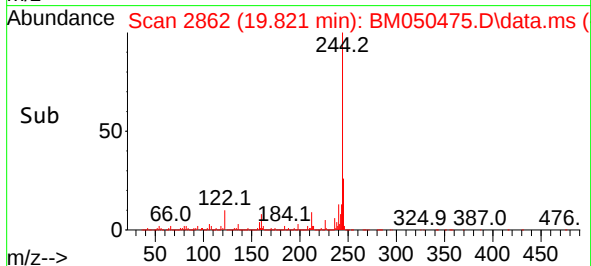
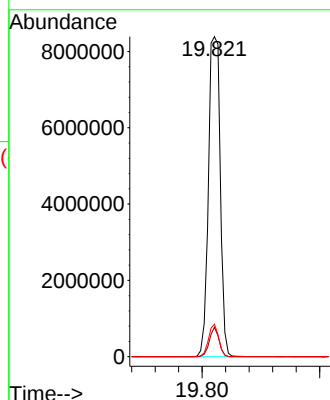
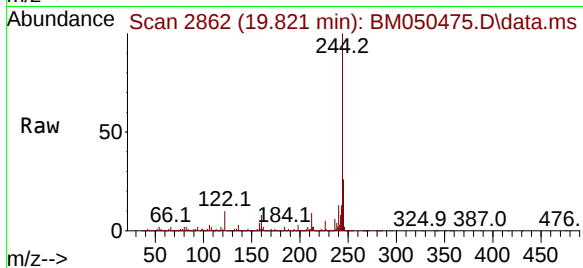
Tgt Ion:244 Resp:11688353

Ion Ratio Lower Upper

244 100

212 9.2 5.7 8.5#

122 10.2 6.2 9.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.450 min Scan# 3649

Delta R.T. -0.006 min

Lab File: BM050475.D

Acq: 17 Jul 2025 14:57

Tgt Ion:264 Resp: 2623122

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.5 17.8 26.6

