

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050308.D
 Acq On : 13 Jun 2025 20:26
 Operator : RC/JU
 Sample : Q2296-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2

Quant Time: Jun 13 23:20:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

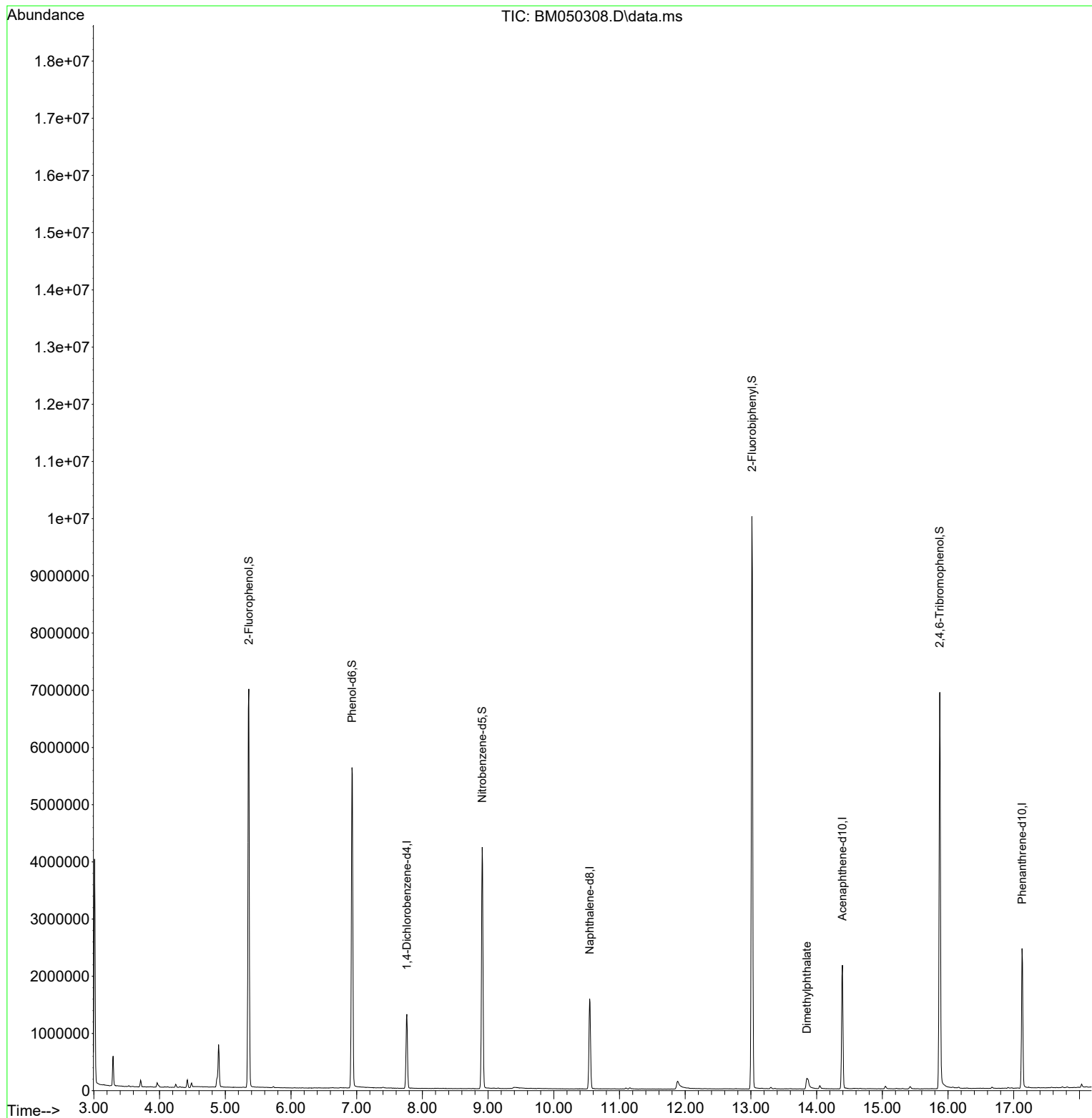
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	366406	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1351203	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	734246	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1358866	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1444910	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1551032	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3266592	148.719	ng	0.00
7) Phenol-d6	6.928	99	3662837	126.677	ng	0.00
23) Nitrobenzene-d5	8.910	82	2688237	103.471	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1283887	153.731	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5151699	94.990	ng	-0.01
79) Terphenyl-d14	19.756	244	6910565	90.633	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.851	163	102184	2.058	ng	Qvalue 100

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

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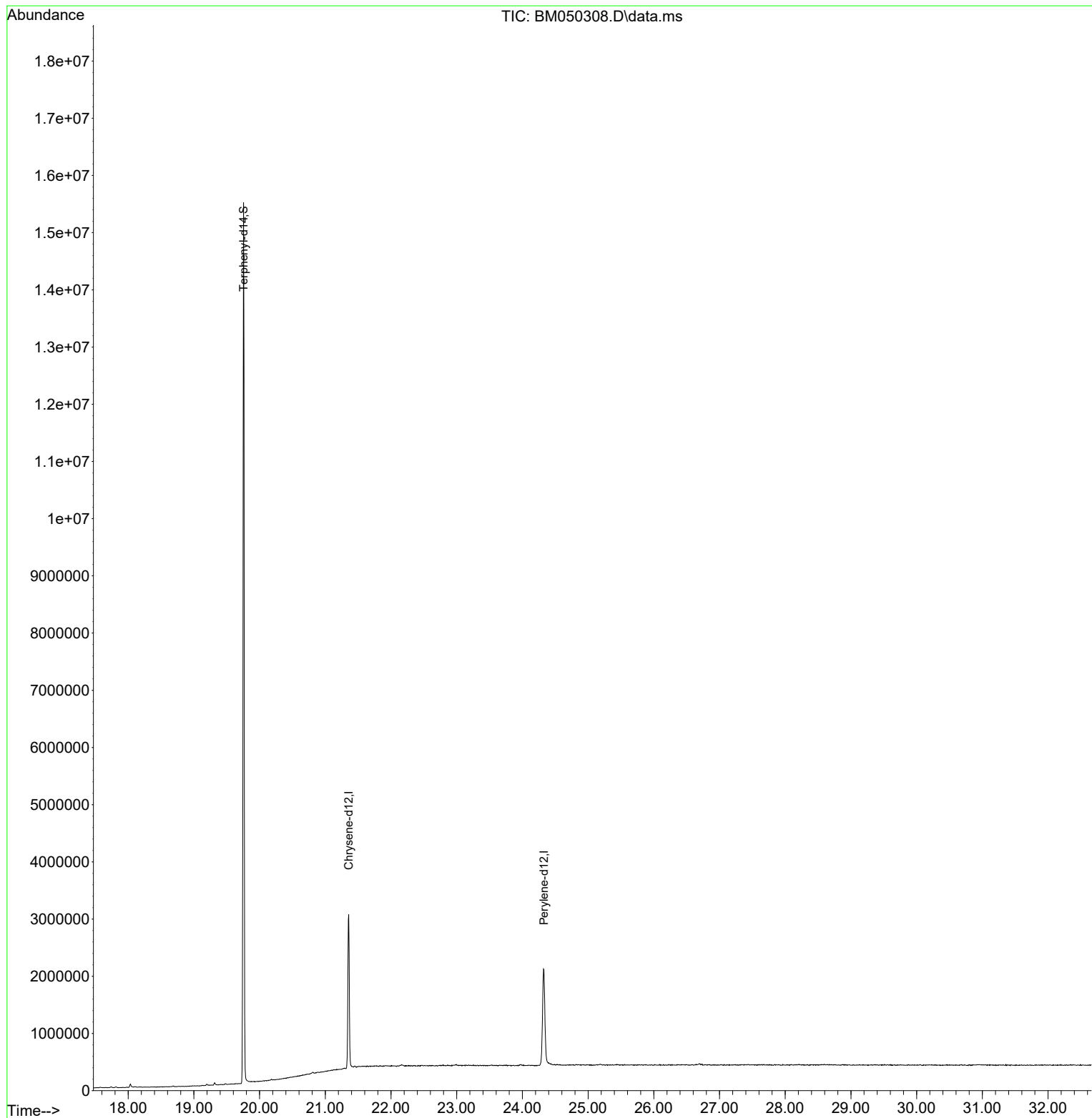
Quant Time: Jun 13 23:20:37 2025
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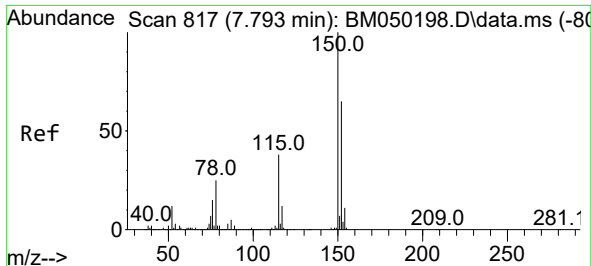


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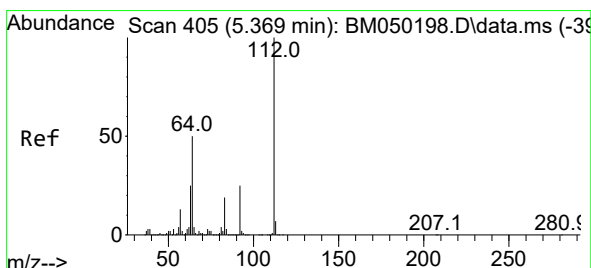
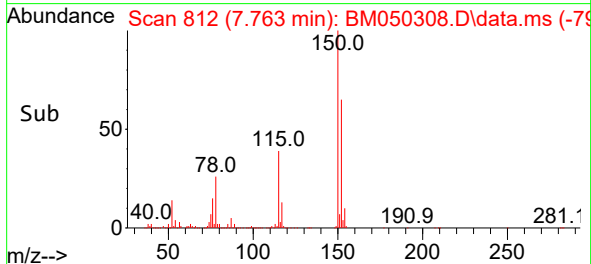
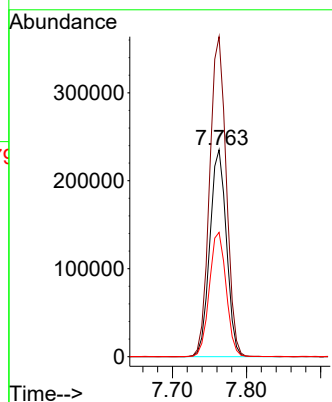
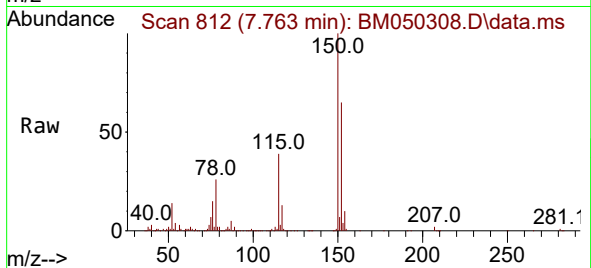




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

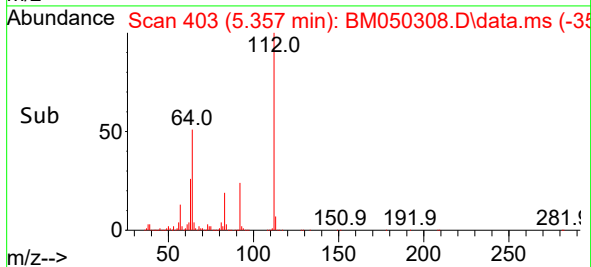
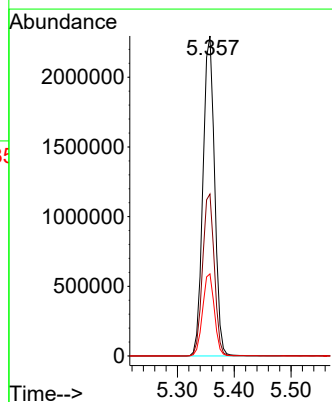
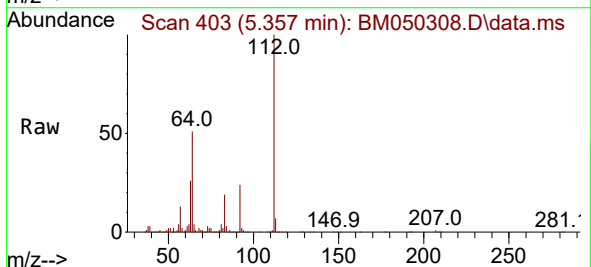
Instrument :
BNA_M
ClientSampleId :
WC-2

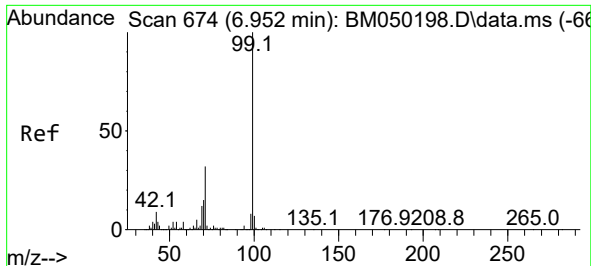
Tgt Ion:152 Resp: 366406
Ion Ratio Lower Upper
152 100
150 154.7 122.2 183.4
115 60.1 46.3 69.5



#5
2-Fluorophenol
Concen: 148.719 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

Tgt Ion:112 Resp: 3266592
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.6
63 25.6 19.8 29.8

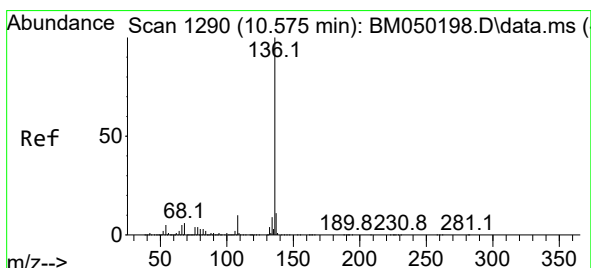
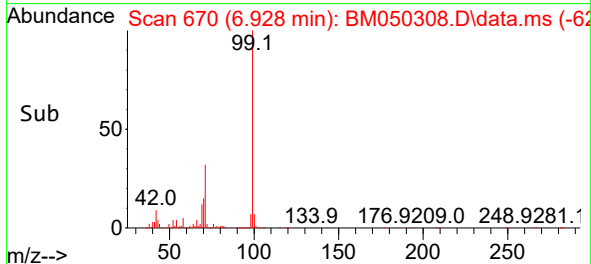
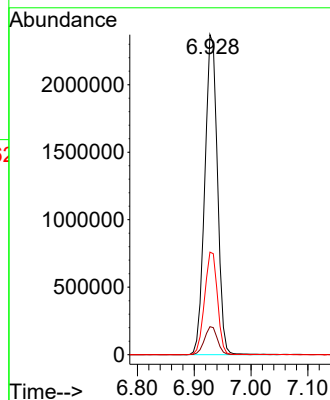
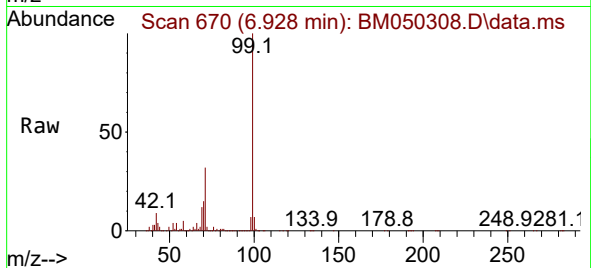




#7
Phenol-d6
Concen: 126.677 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

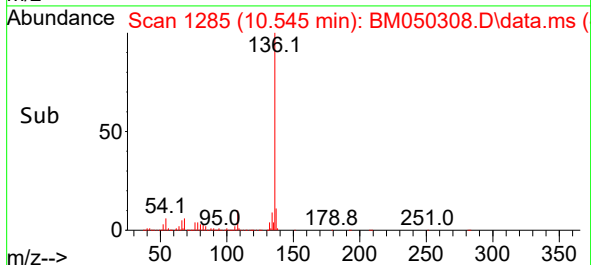
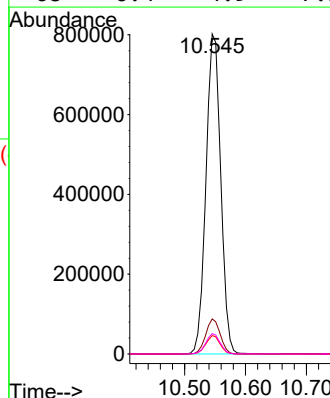
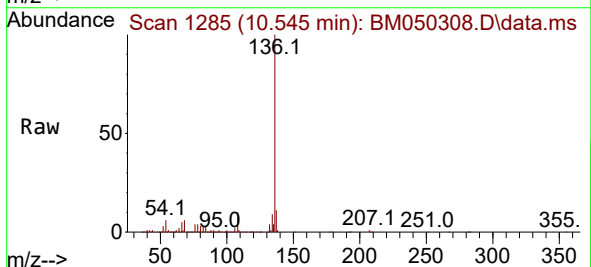
Instrument :
BNA_M
ClientSampleId :
WC-2

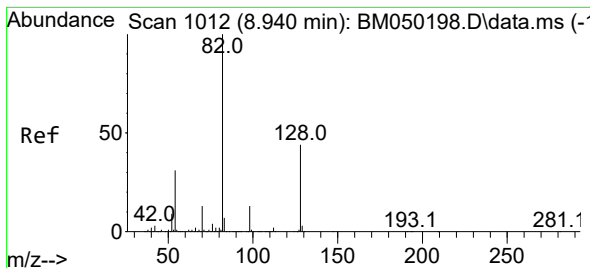
Tgt Ion: 99 Resp: 3662837
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

Tgt Ion: 136 Resp: 1351203
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.7 3.8 5.8
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 103.471 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050308.D

Acq: 13 Jun 2025 20:26

Instrument :

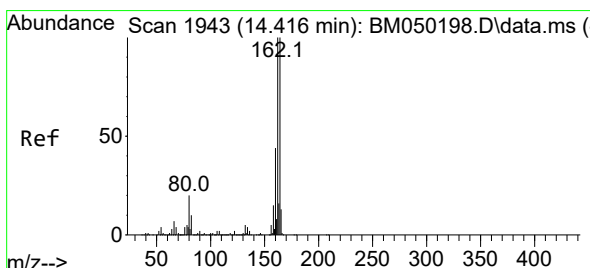
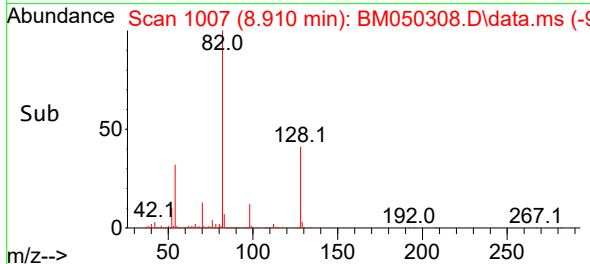
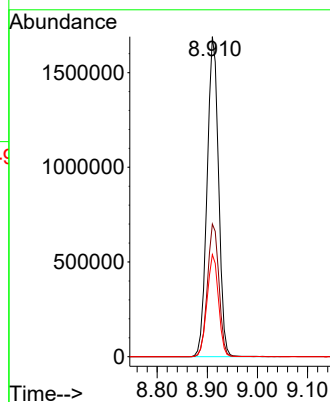
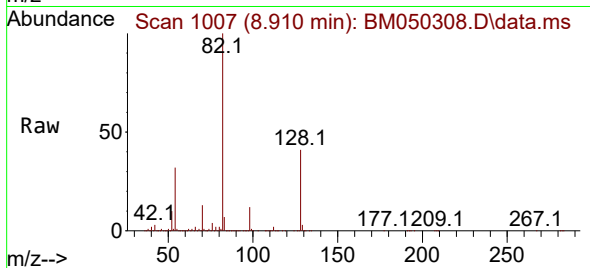
BNA_M

ClientSampleId :

WC-2

Tgt Ion: 82 Resp: 2688237

Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.2	52.8
54	31.9	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

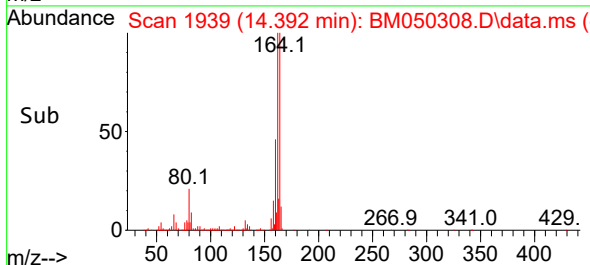
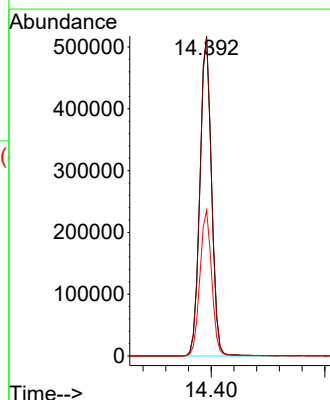
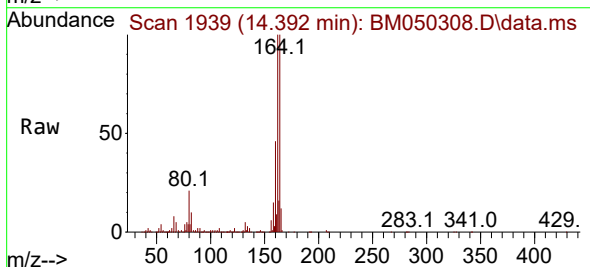
Delta R.T. -0.006 min

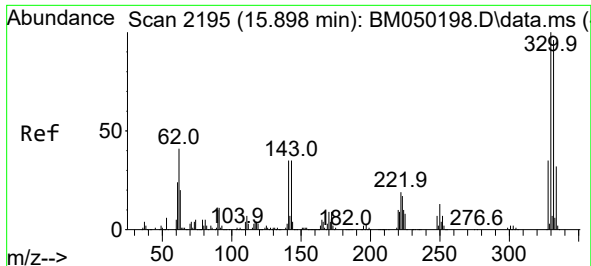
Lab File: BM050308.D

Acq: 13 Jun 2025 20:26

Tgt Ion:164 Resp: 734246

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	45.5	35.7	53.5

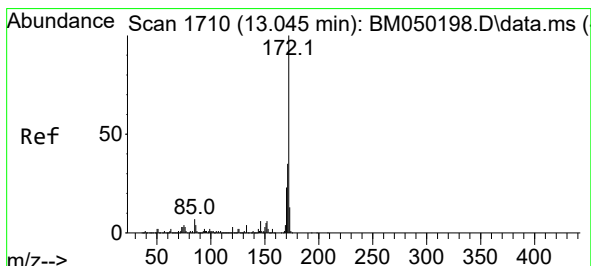
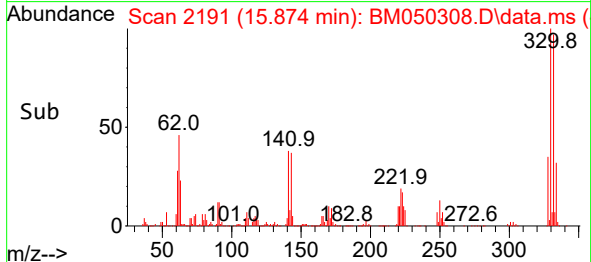
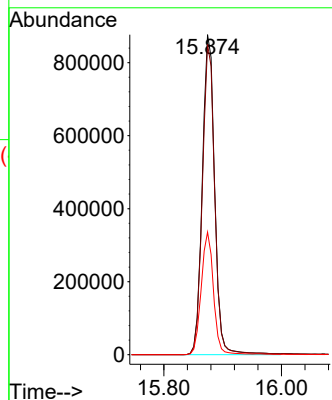
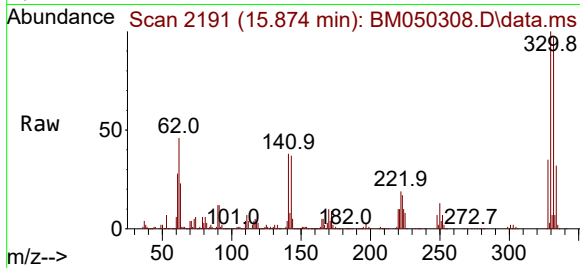




#42
2,4,6-Tribromophenol
Concen: 153.731 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

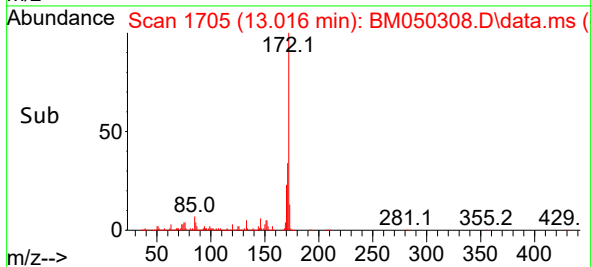
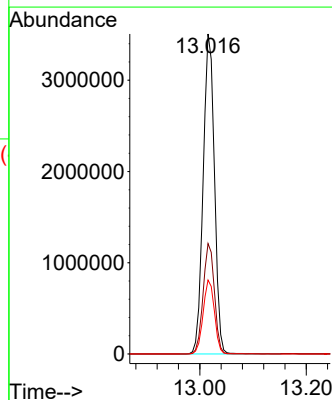
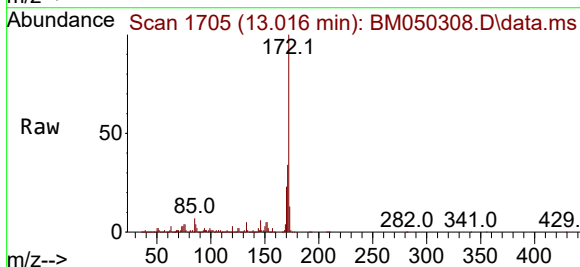
Instrument :
BNA_M
ClientSampleId :
WC-2

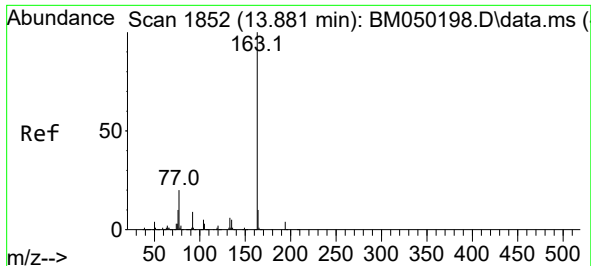
Tgt Ion:330 Resp: 1283887
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 38.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 94.990 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

Tgt Ion:172 Resp: 5151699
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.1 18.6 27.8

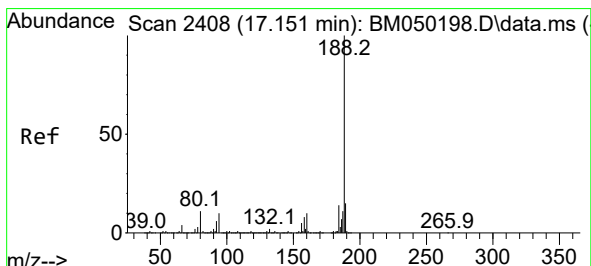
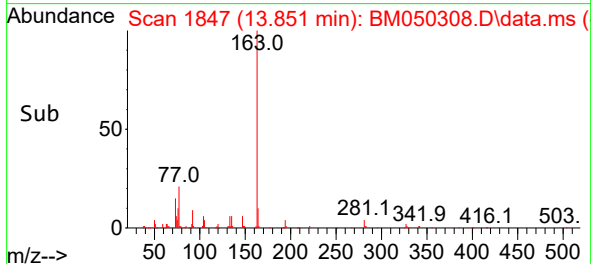
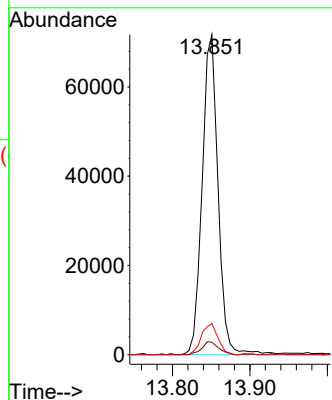
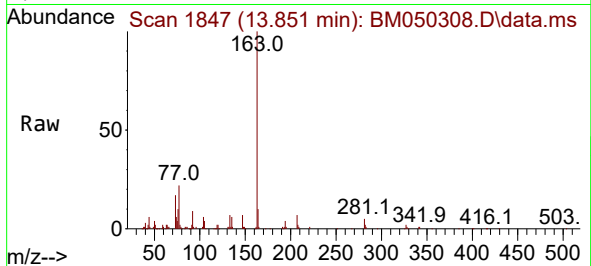




#50
Dimethylphthalate
Concen: 2.058 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

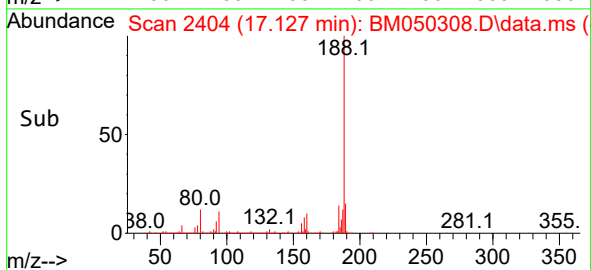
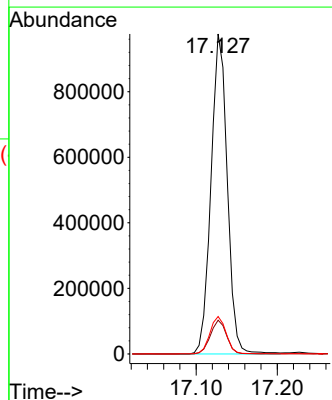
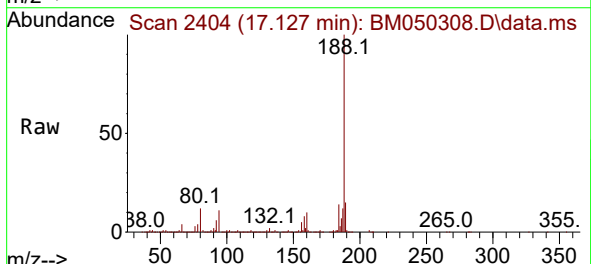
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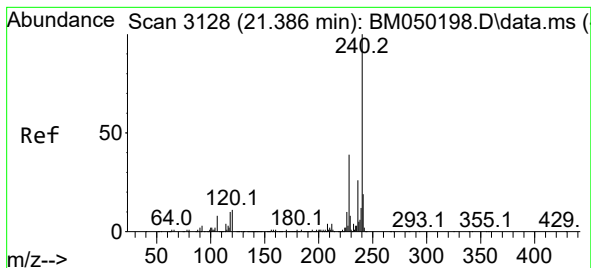
Tgt Ion:163 Resp: 102184
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM050308.D
Acq: 13 Jun 2025 20:26

Tgt Ion:188 Resp: 1358866
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050308.D

Acq: 13 Jun 2025 20:26

Instrument :

BNA_M

ClientSampleId :

WC-2

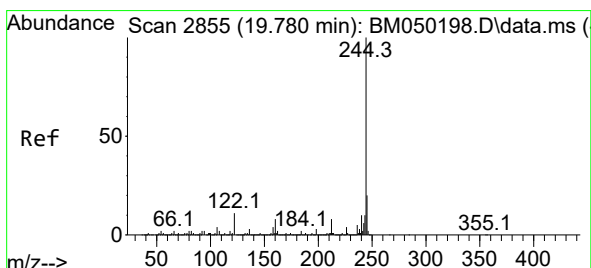
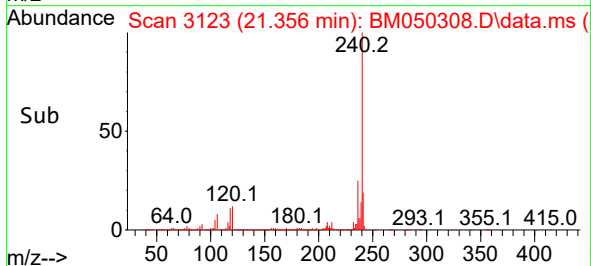
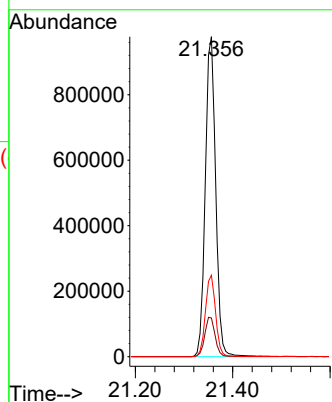
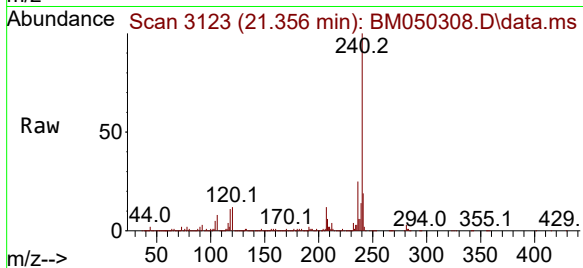
Tgt Ion:240 Resp: 1444910

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 90.633 ng

RT: 19.756 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BM050308.D

Acq: 13 Jun 2025 20:26

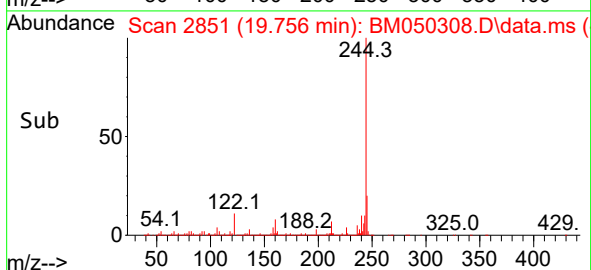
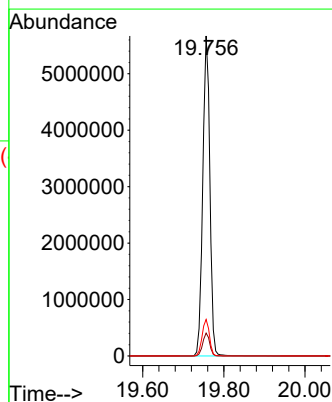
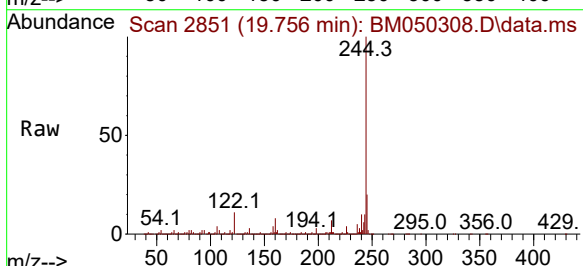
Tgt Ion:244 Resp: 6910565

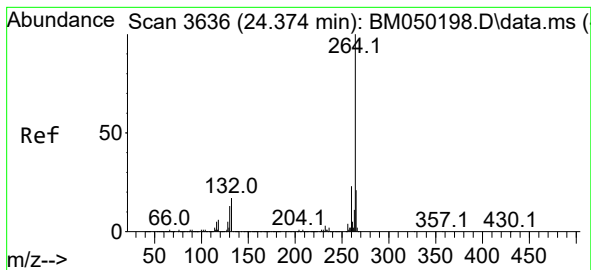
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 11.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.327 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM050308.D

Acq: 13 Jun 2025 20:26

Instrument :

BNA_M

ClientSampleId :

WC-2

Tgt Ion:264 Resp: 1551032

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 22.0 16.8 25.2

