

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050317.D
 Acq On : 14 Jun 2025 03:00
 Operator : RC/JU
 Sample : PB168428TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168428TB

Quant Time: Jun 14 04:28:02 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	427909	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1575829	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	855467	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1557192	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1581816	20.000	ng	-0.02
86) Perylene-d12	24.321	264	1677028	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3698811	144.193	ng	0.00
7) Phenol-d6	6.934	99	4492289	133.033	ng	0.00
23) Nitrobenzene-d5	8.910	82	2676296	88.328	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1383440	142.178	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5595242	88.550	ng	-0.01
79) Terphenyl-d14	19.757	244	7293777	87.380	ng	-0.01

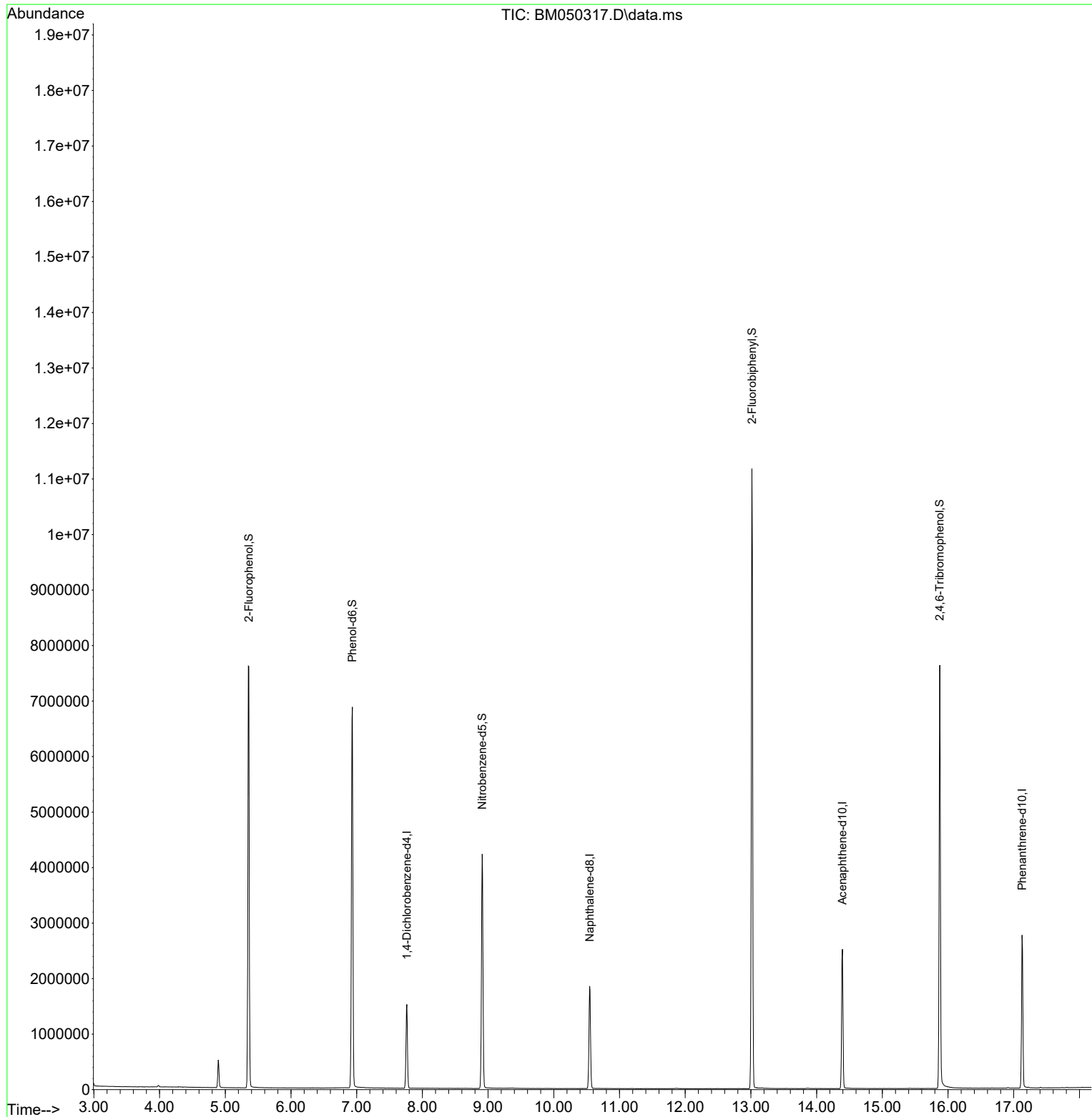
Target Compounds	Qvalue

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

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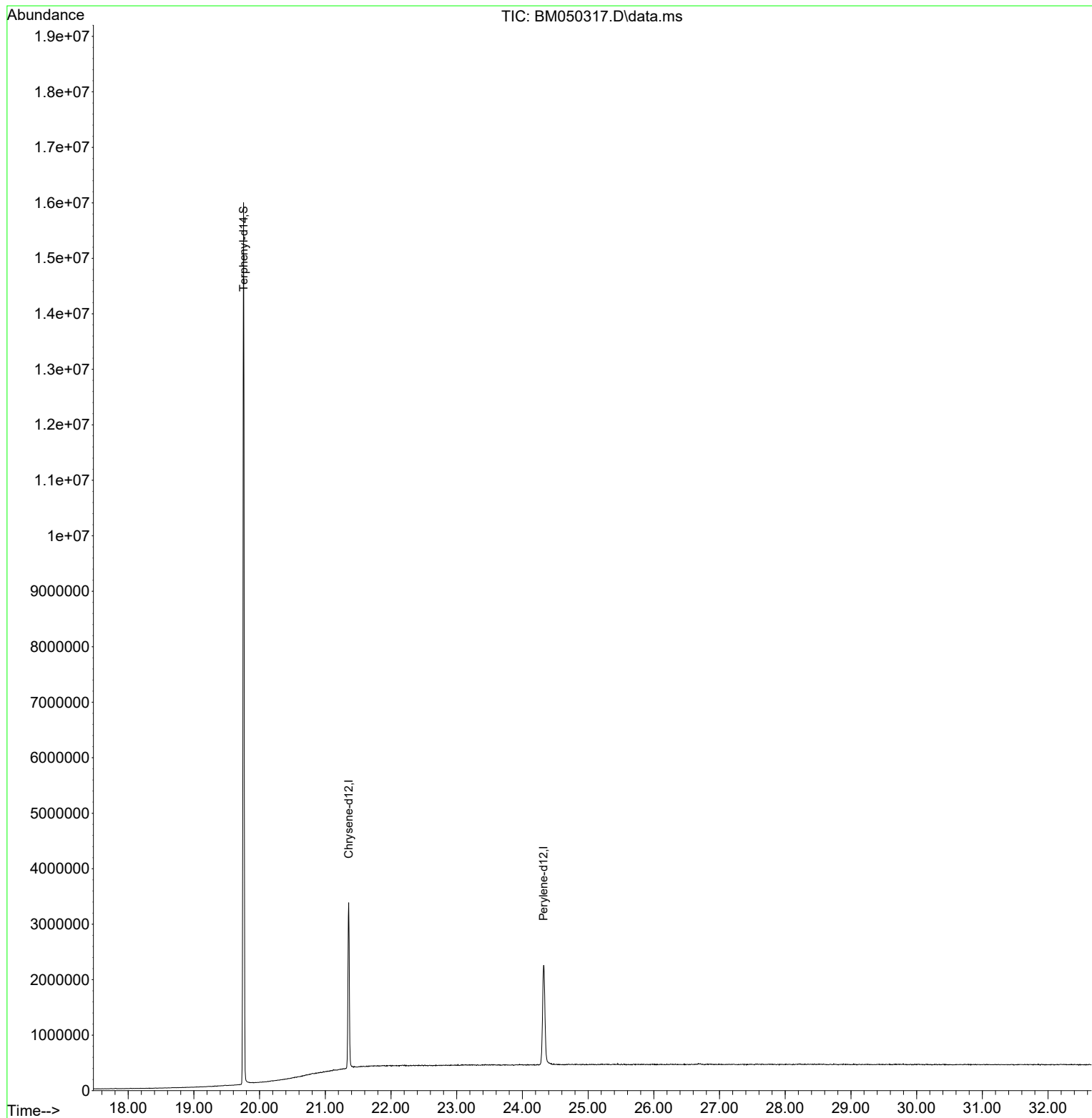
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QLast Update : Mon Jun 09 11:54:38 2025
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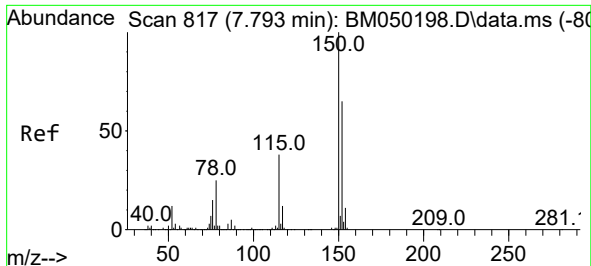


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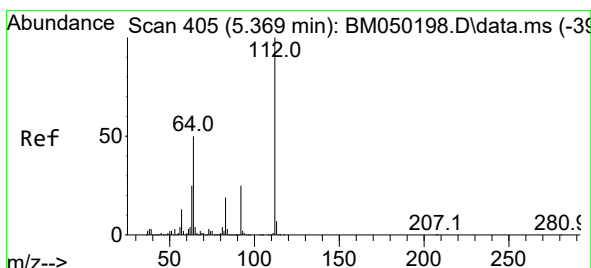
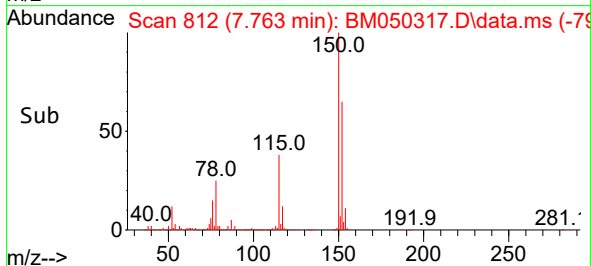
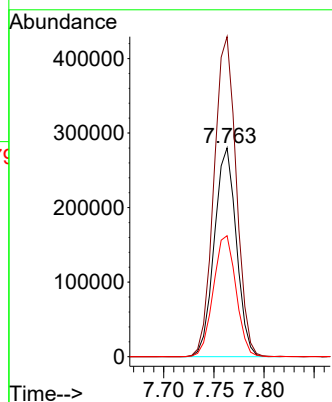
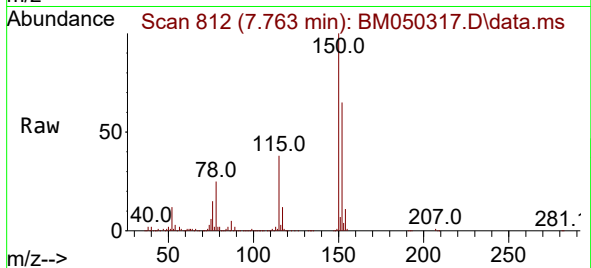




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050317.D
Acq: 14 Jun 2025 03:00

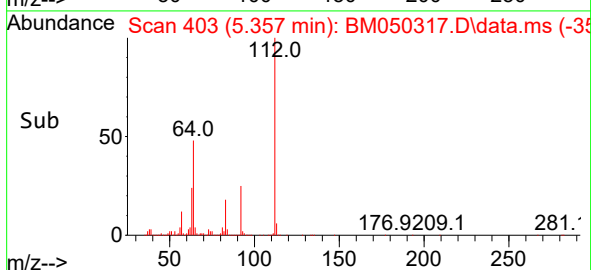
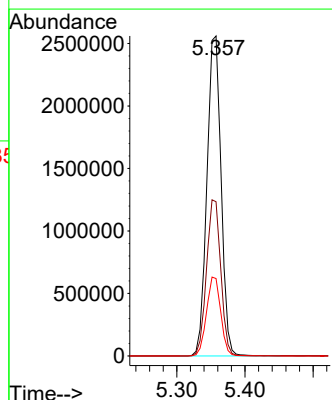
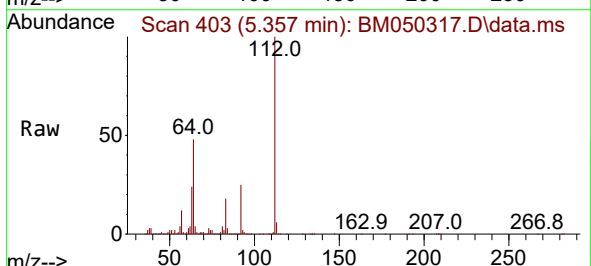
Instrument :
BNA_M
ClientSampleId :
PB168428TB

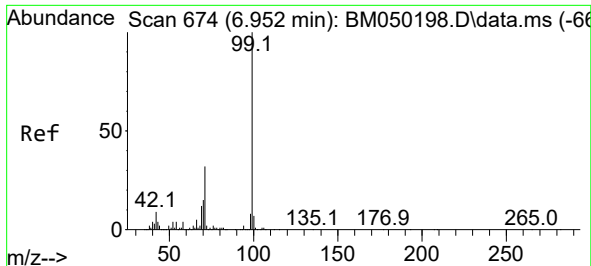
Tgt Ion:152 Resp: 427909
Ion Ratio Lower Upper
152 100
150 153.3 122.2 183.4
115 57.9 46.3 69.5



#5
2-Fluorophenol
Concen: 144.193 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050317.D
Acq: 14 Jun 2025 03:00

Tgt Ion:112 Resp: 3698811
Ion Ratio Lower Upper
112 100
64 48.2 39.8 59.6
63 24.2 19.8 29.8

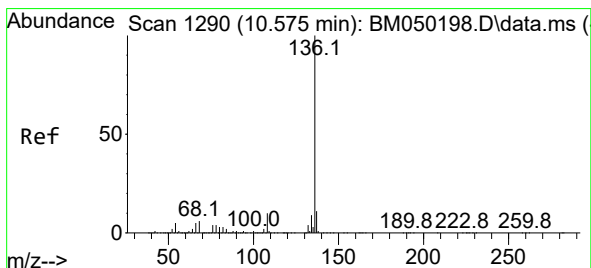
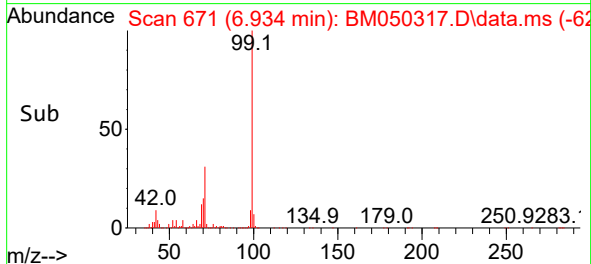
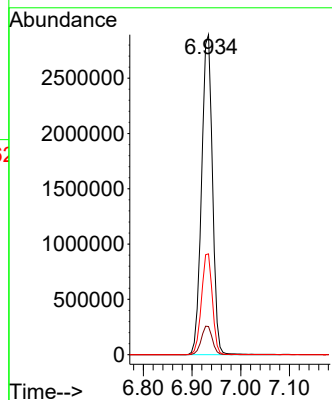
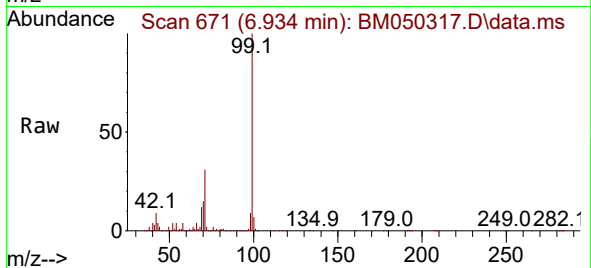




#7
Phenol-d6
Concen: 133.033 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050317.D
Acq: 14 Jun 2025 03:00

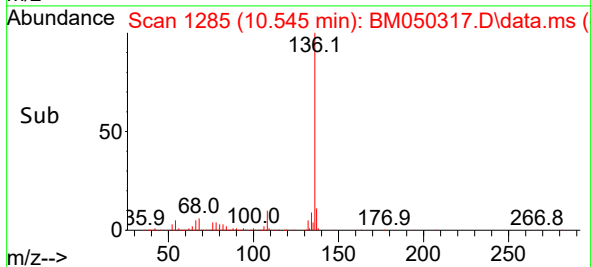
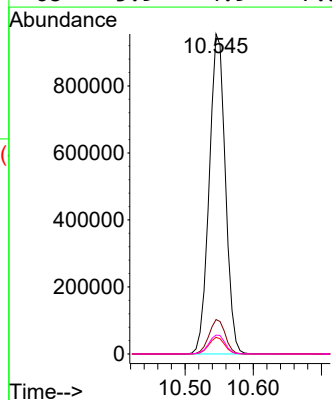
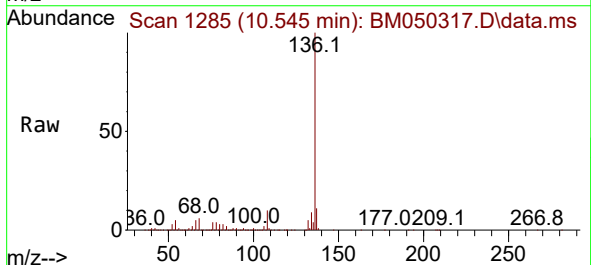
Instrument :
BNA_M
ClientSampleId :
PB168428TB

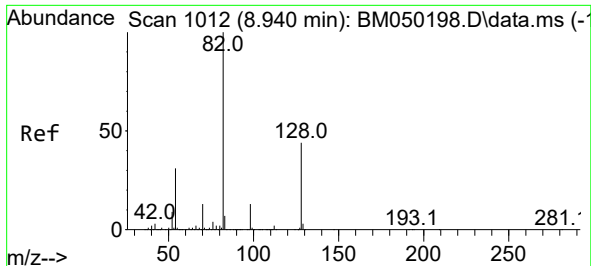
Tgt Ion: 99 Resp: 4492289
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 31.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050317.D
Acq: 14 Jun 2025 03:00

Tgt Ion: 136 Resp: 1575829
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 88.328 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Instrument :

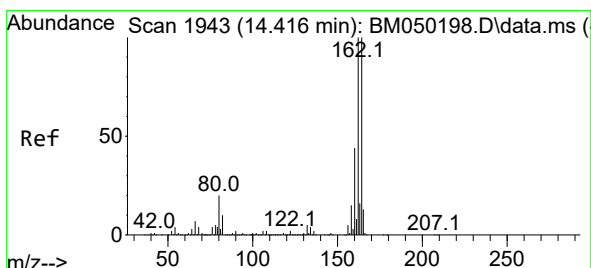
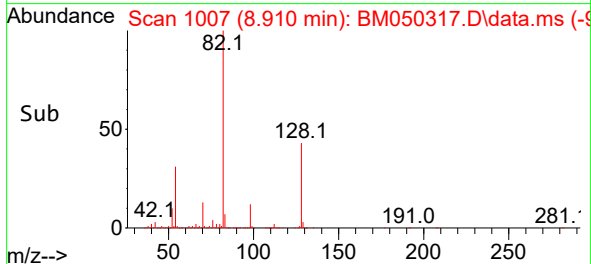
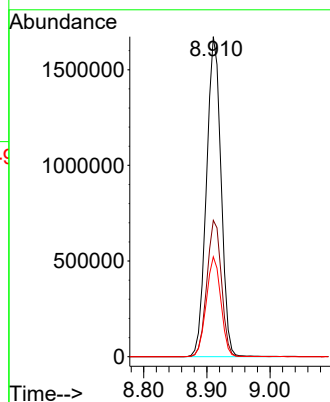
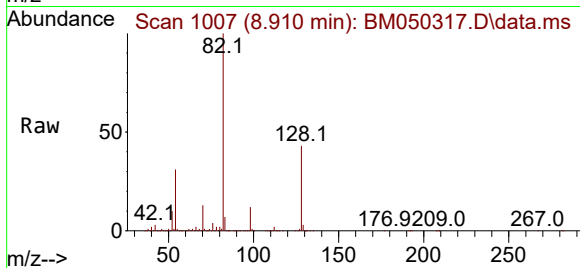
BNA_M

ClientSampleId :

PB168428TB

Tgt Ion: 82 Resp: 2676296

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	31.2	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

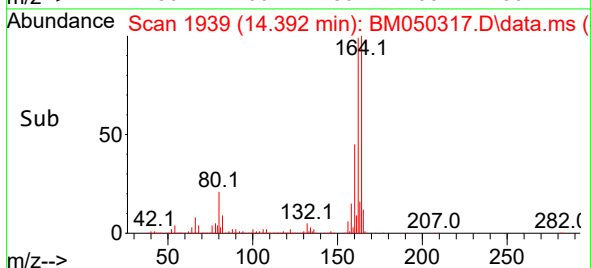
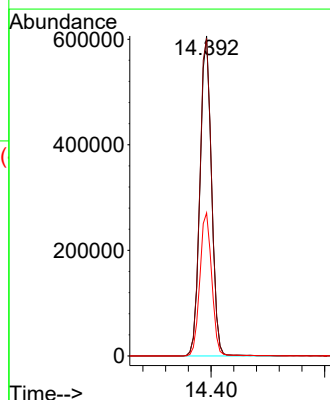
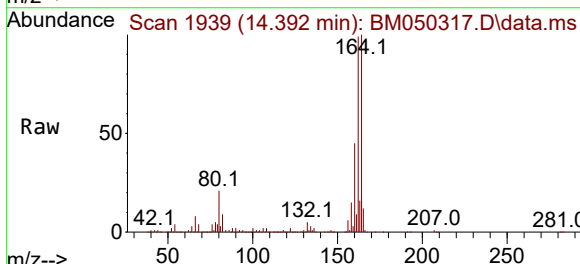
Delta R.T. -0.006 min

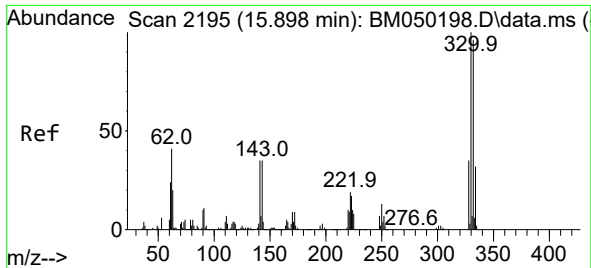
Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Tgt Ion: 164 Resp: 855467

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.2	120.4
160	44.7	35.7	53.5

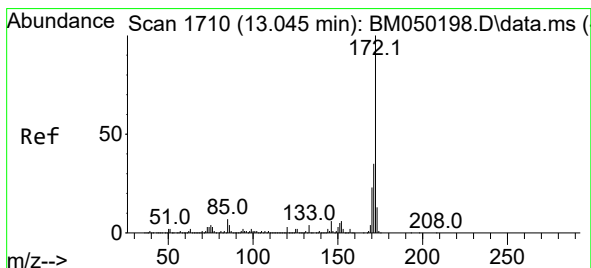
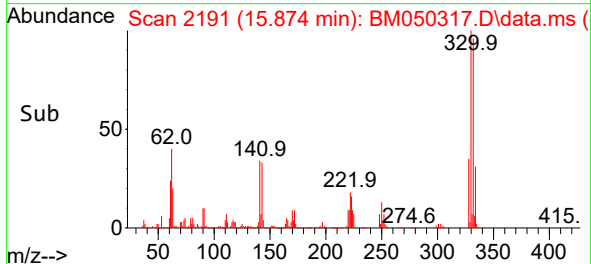
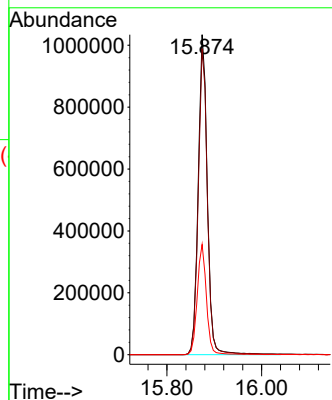
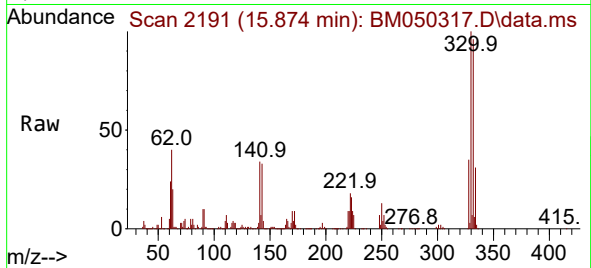




#42
2,4,6-Tribromophenol
Concen: 142.178 ng
RT: 15.874 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM050317.D
Acq: 14 Jun 2025 03:00

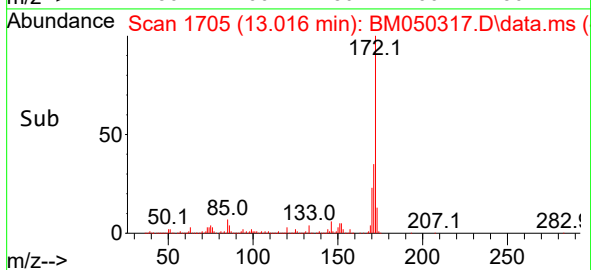
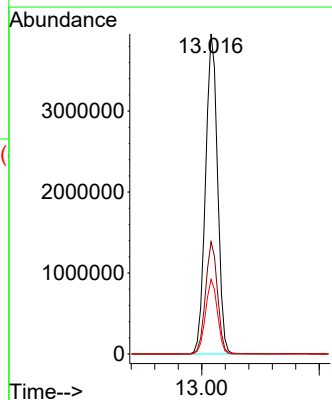
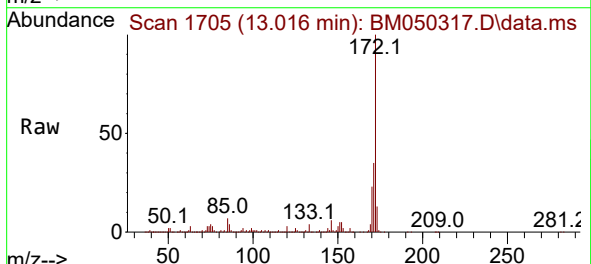
Instrument :
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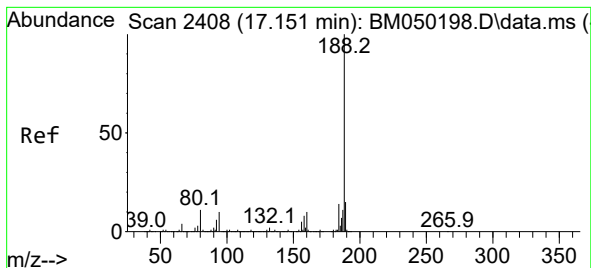
Tgt Ion:330 Resp: 1383440
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 34.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.550 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050317.D
Acq: 14 Jun 2025 03:00

Tgt Ion:172 Resp: 5595242
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Instrument :

BNA_M

ClientSampleId :

PB168428TB

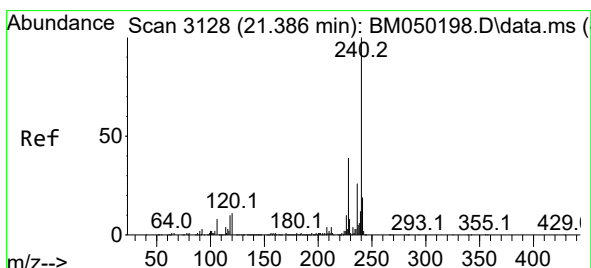
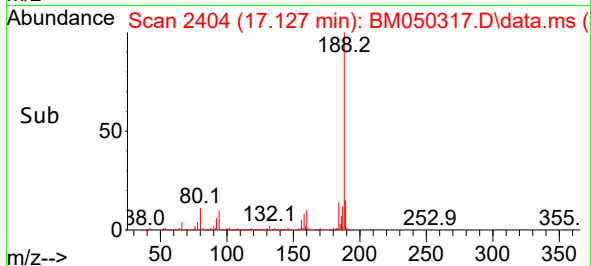
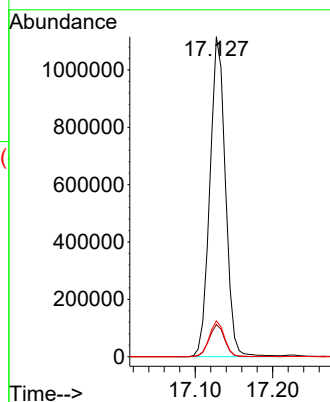
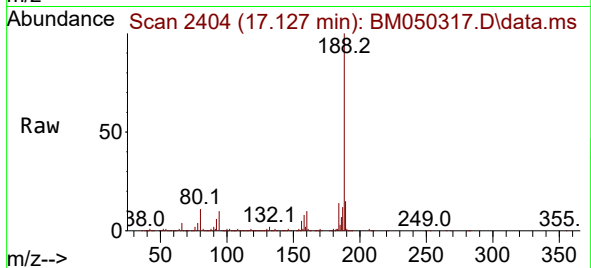
Tgt Ion:188 Resp: 1557192

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 11.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.017 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

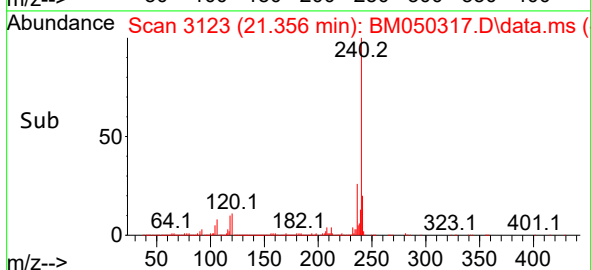
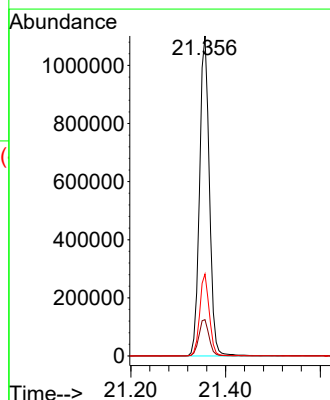
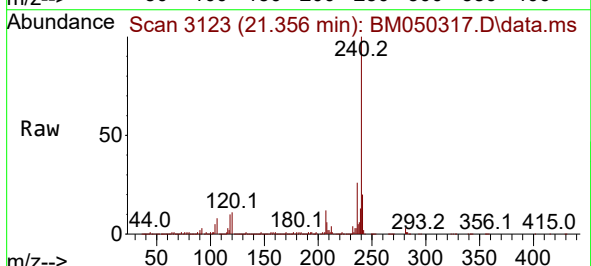
Tgt Ion:240 Resp: 1581816

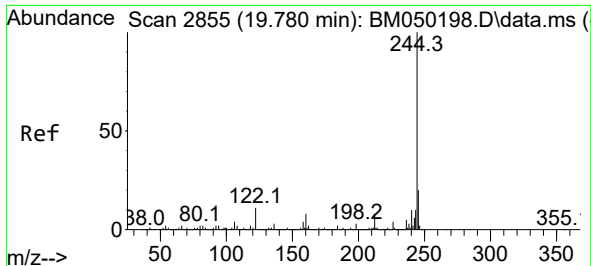
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.6 20.7 31.1

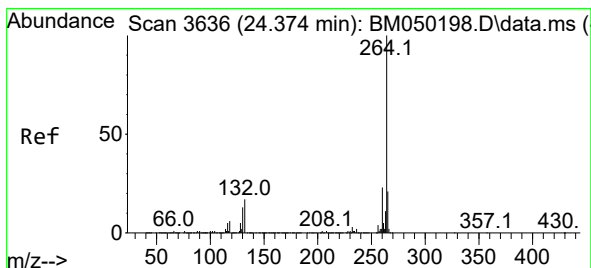
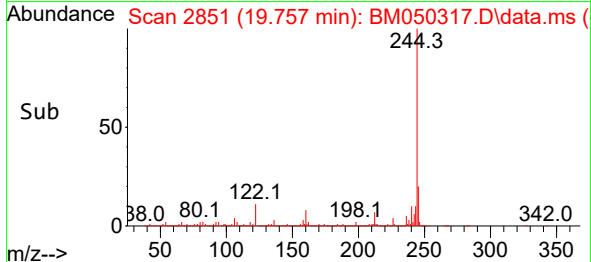
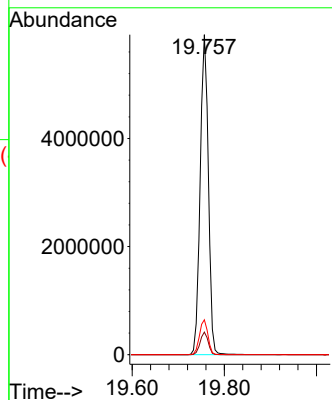
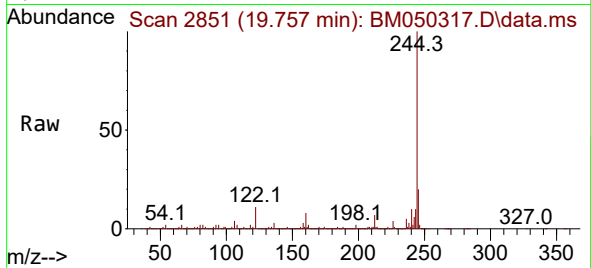




#79
 Terphenyl-d14
 Concen: 87.380 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050317.D
 Acq: 14 Jun 2025 03:00

Instrument :
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 ClientSampleId :
 PB168428TB

Tgt Ion:244 Resp: 7293777
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.321 min Scan# 3627
 Delta R.T. -0.023 min
 Lab File: BM050317.D
 Acq: 14 Jun 2025 03:00

Tgt Ion:264 Resp: 1677028
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 22.4 16.8 25.2

