

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050217.D
 Acq On : 06 Jun 2025 16:45
 Operator : RC/JU
 Sample : Q2207-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-02

Quant Time: Jun 06 17:25:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

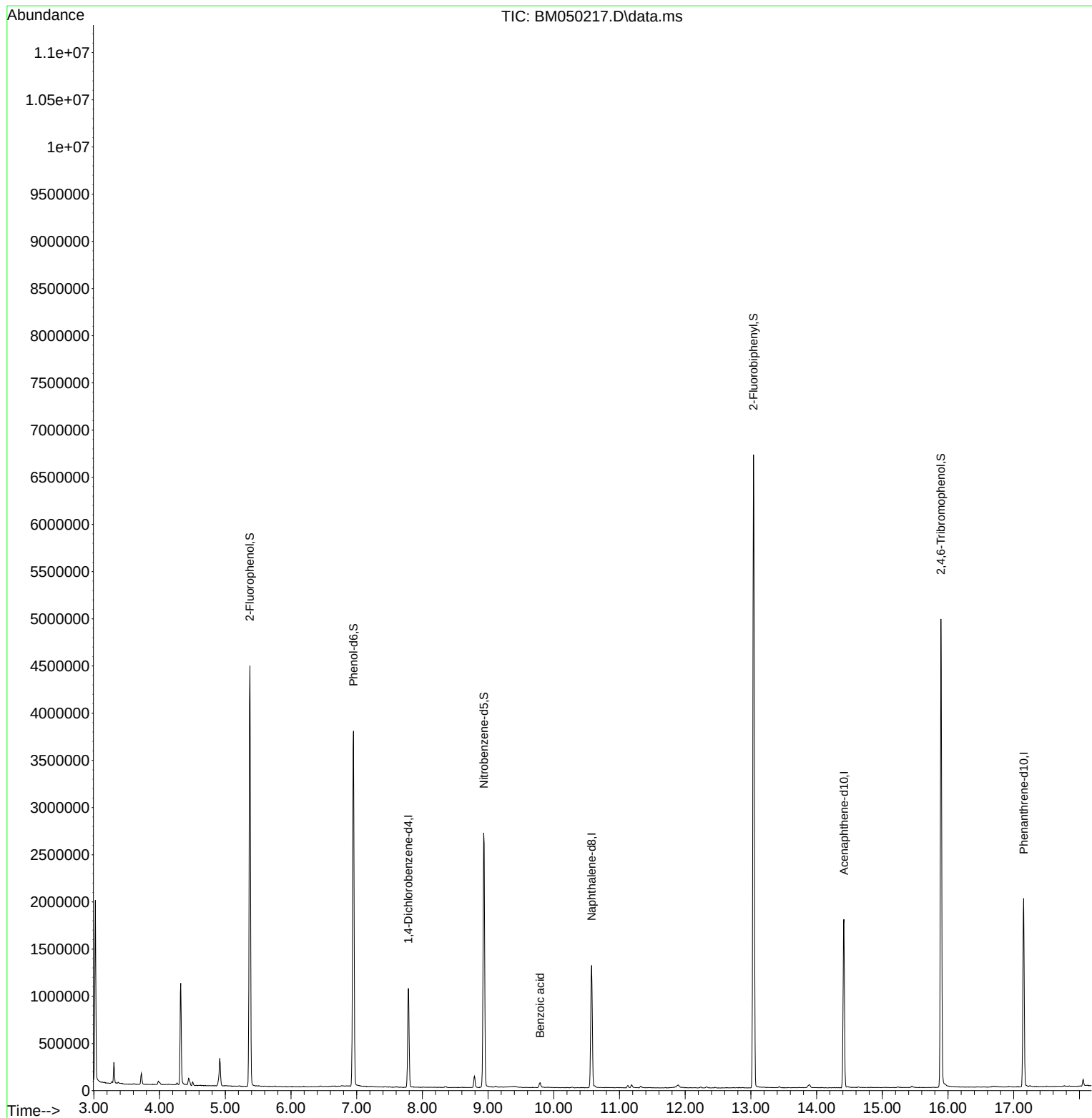
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	292016	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1122506	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	609641	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1145449	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1073649	20.000	ng	0.00
86) Perylene-d12	24.368	264	686399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2097030	119.793	ng	0.00
7) Phenol-d6	6.951	99	2443008	106.014	ng	0.00
23) Nitrobenzene-d5	8.934	82	1711052	79.277	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	886301	127.815	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3469477	77.048	ng	-0.01
79) Terphenyl-d14	19.780	244	4338429	76.575	ng	0.00
Target Compounds						
32) Benzoic acid	9.792	122	22795	2.083	ng	Qvalue 94

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

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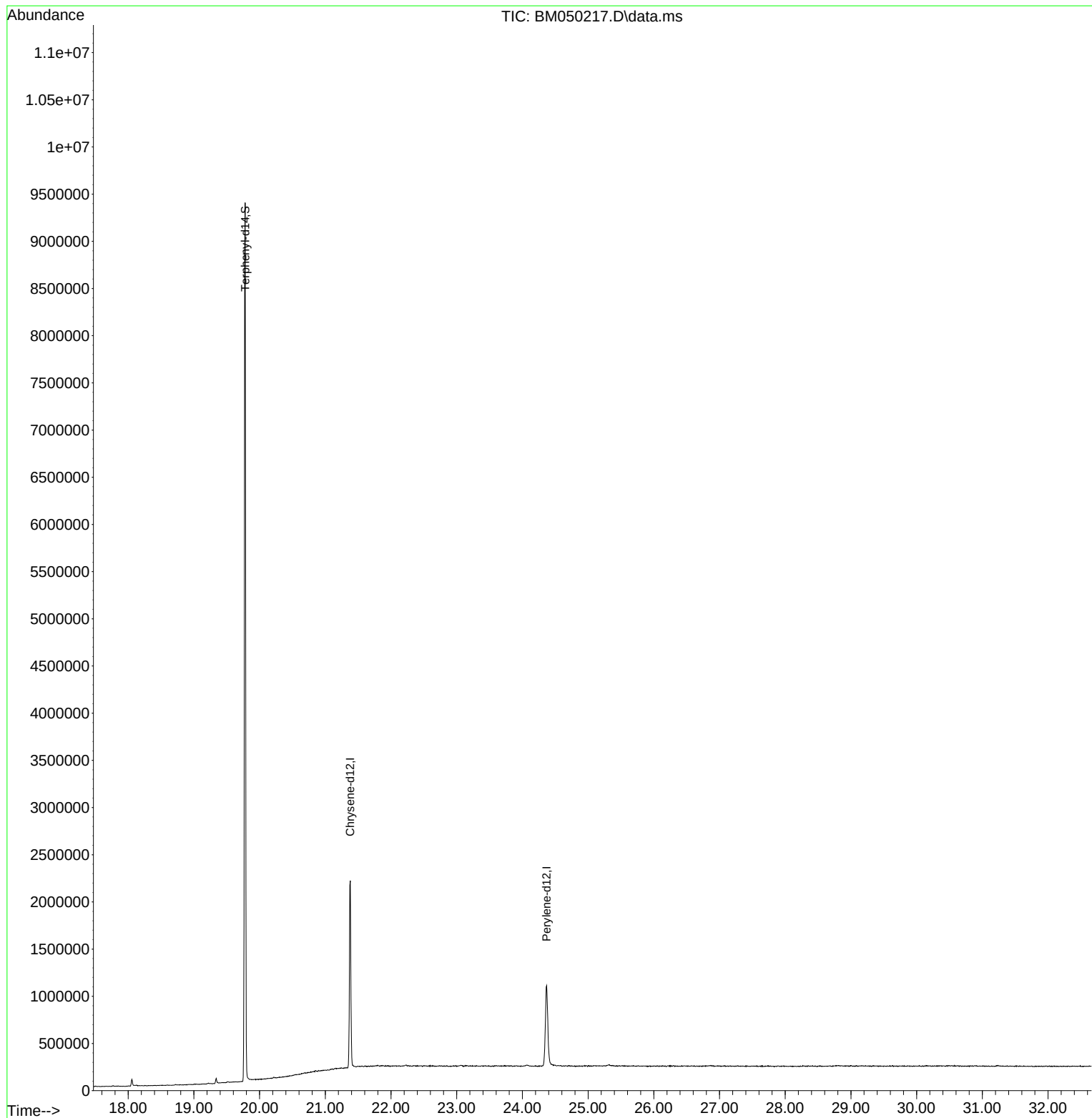
Quant Time: Jun 06 17:25:20 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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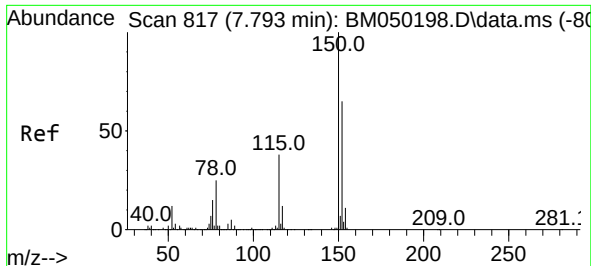


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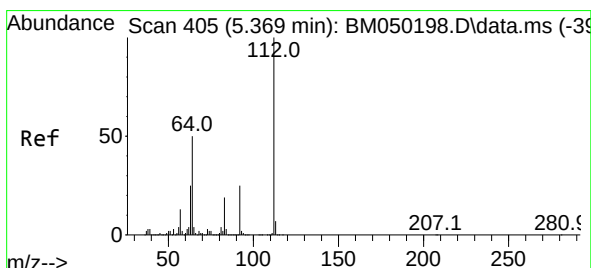
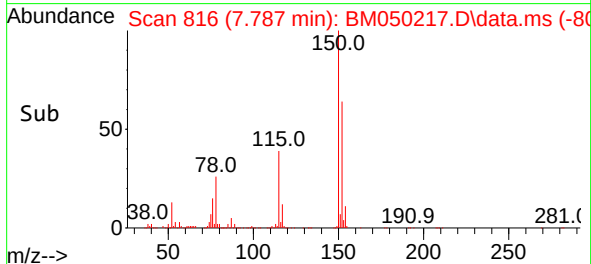
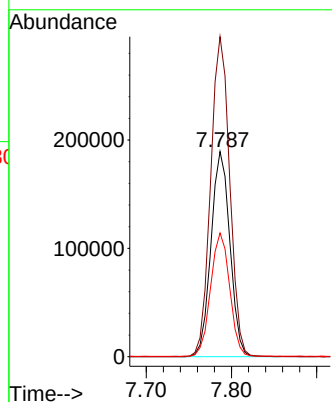
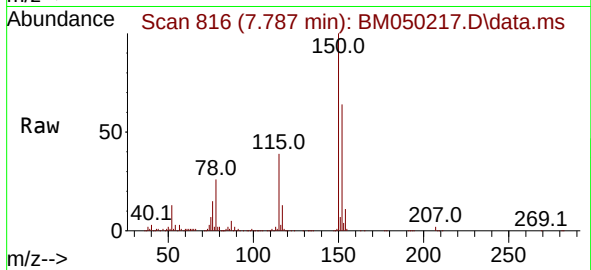




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

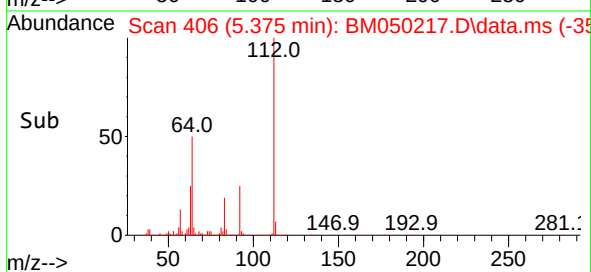
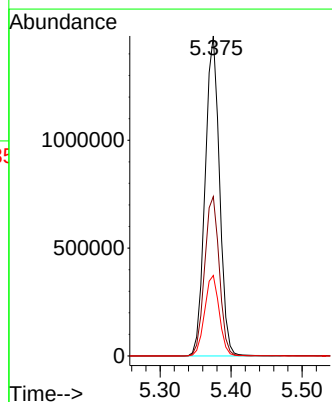
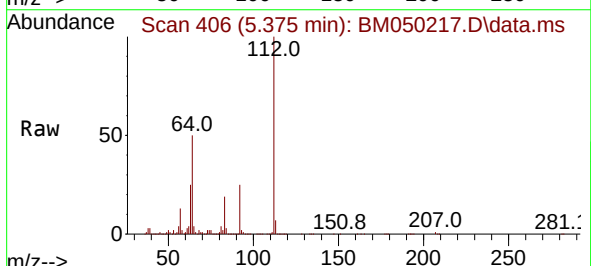
Instrument :
BNA_M
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BU-703-COMP-02

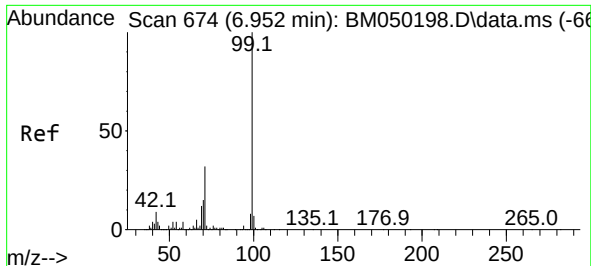
Tgt Ion:152 Resp: 292016
Ion Ratio Lower Upper
152 100
150 156.1 122.2 183.4
115 60.3 46.3 69.5



#5
2-Fluorophenol
Concen: 119.793 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Tgt Ion:112 Resp: 2097030
Ion Ratio Lower Upper
112 100
64 49.8 39.8 59.6
63 25.2 19.8 29.8

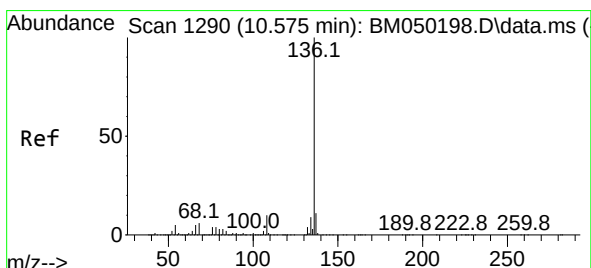
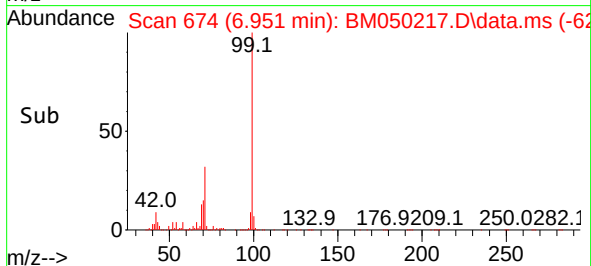
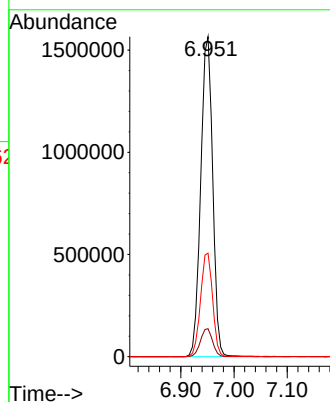
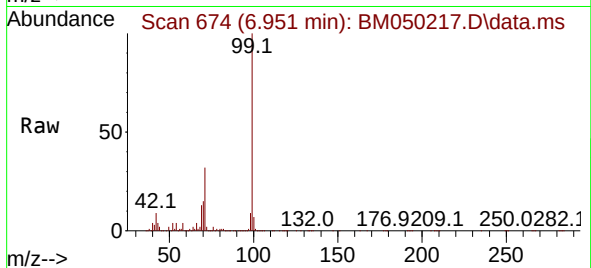




#7
Phenol-d6
Concen: 106.014 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

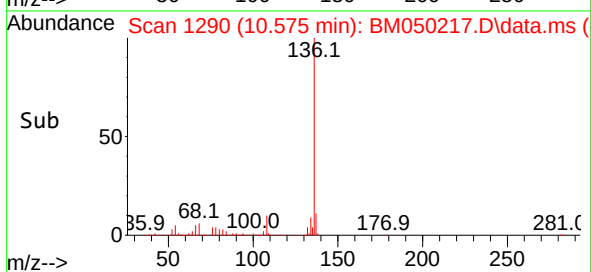
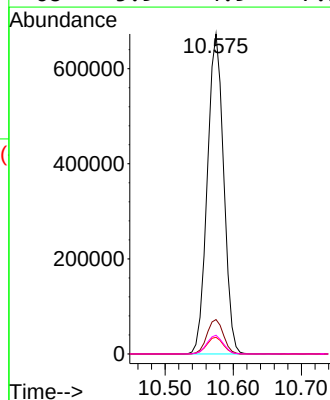
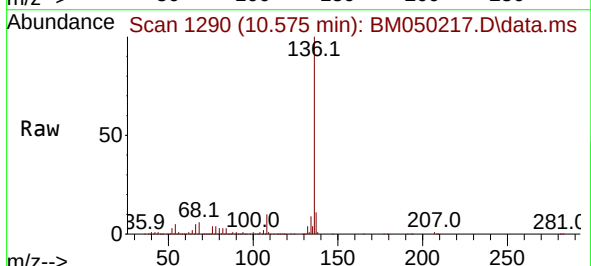
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02

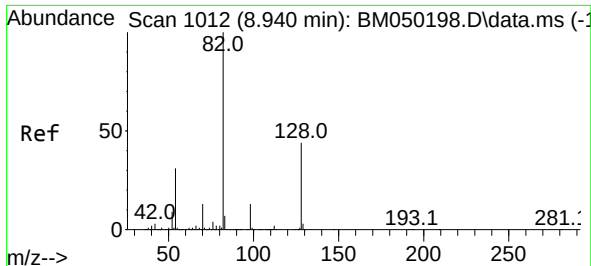
Tgt Ion: 99 Resp: 2443008
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Tgt Ion: 136 Resp: 1122506
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



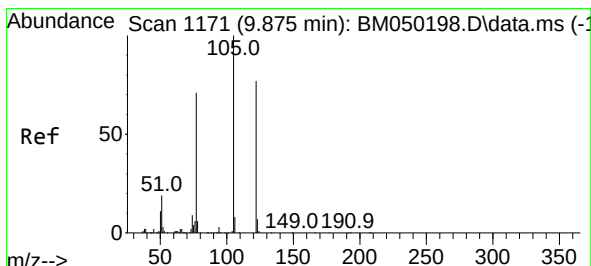
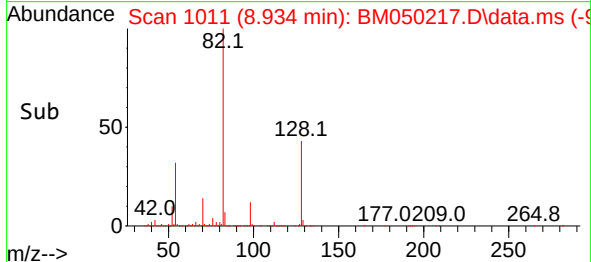
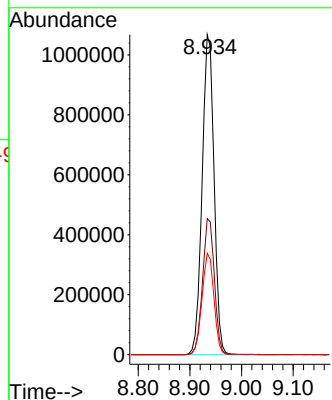
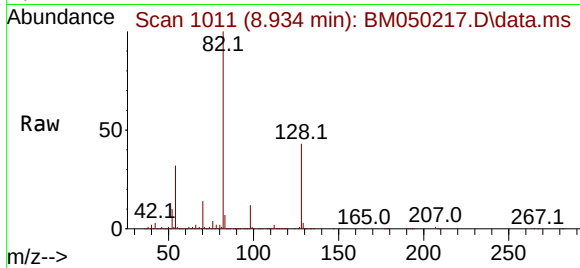


#23
Nitrobenzene-d5
Concen: 79.277 ng
RT: 8.934 min Scan# 11052
Delta R.T. -0.012 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-02

Tgt Ion: 82 Resp: 1711052

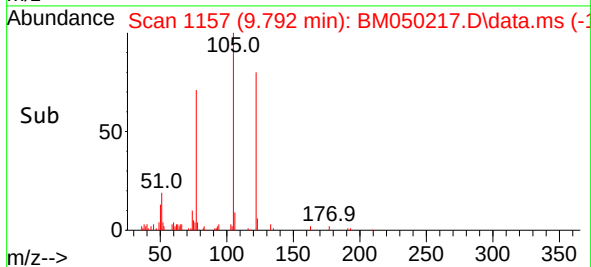
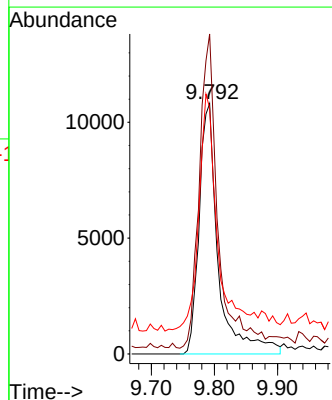
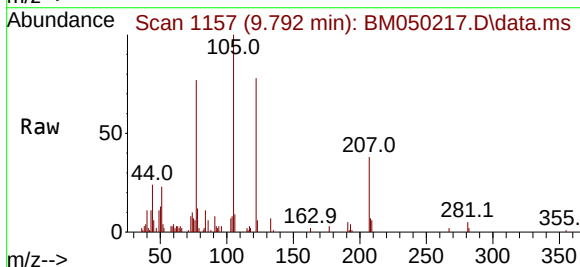
Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	31.7	24.5	36.7

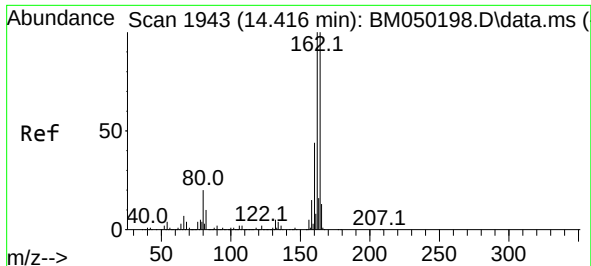


#32
Benzoic acid
Concen: 2.083 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.124 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Tgt Ion:122 Resp: 22795

Ion	Ratio	Lower	Upper
122	100		
105	127.8	103.4	143.4
77	98.2	70.3	110.3

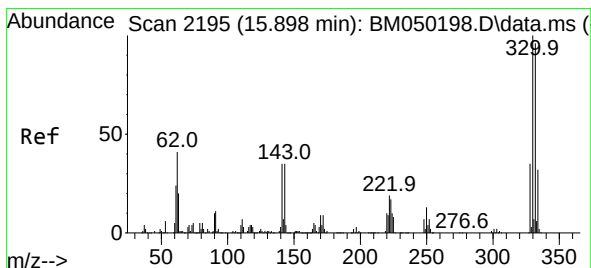
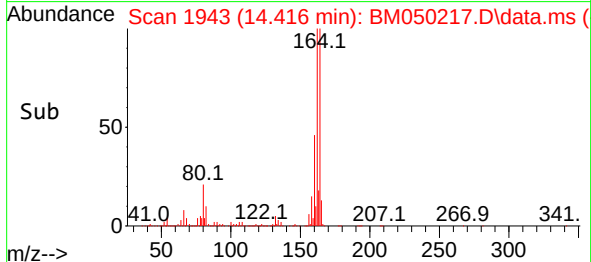
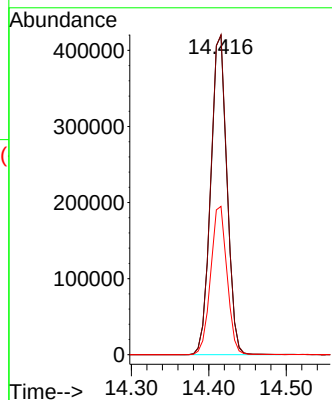
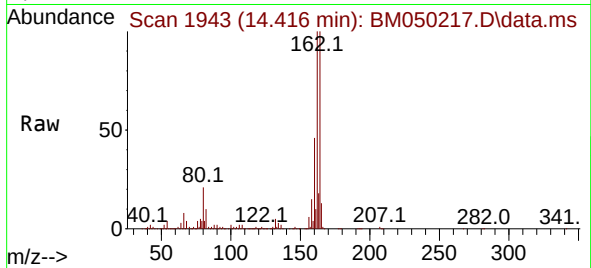




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

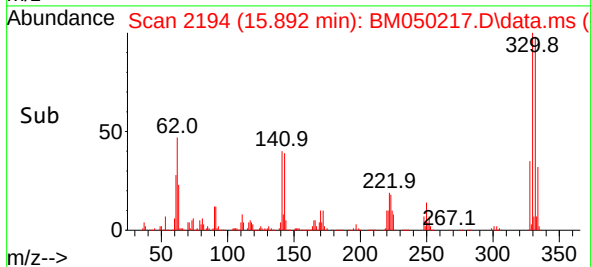
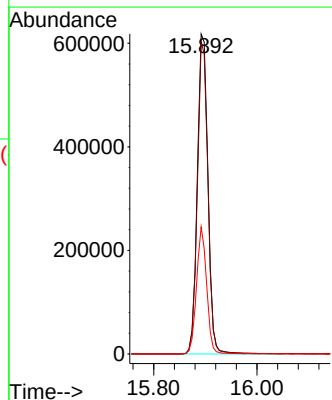
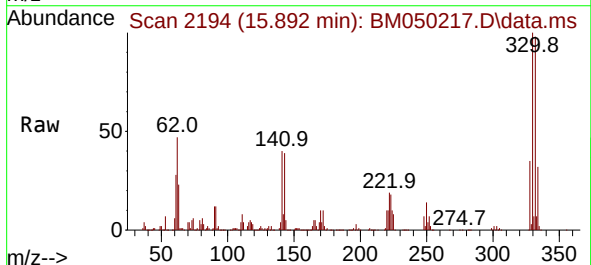
Instrument :
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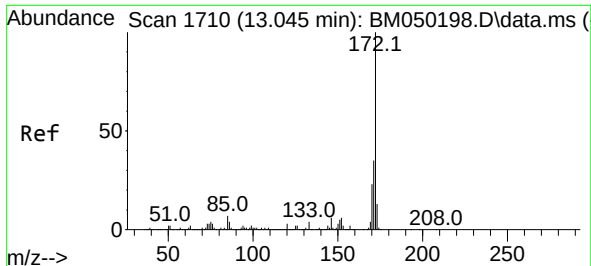
Tgt Ion:164 Resp: 609641
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.4
160 46.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 127.815 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Tgt Ion:330 Resp: 886301
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 37.7 28.8 43.2

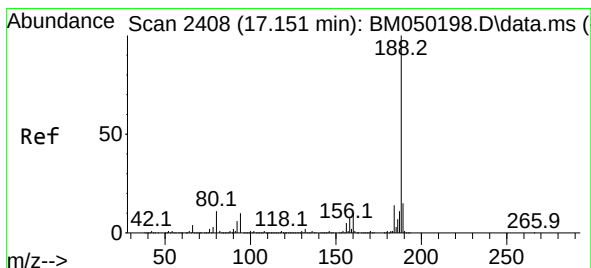
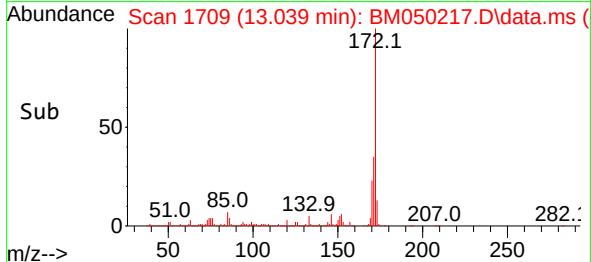
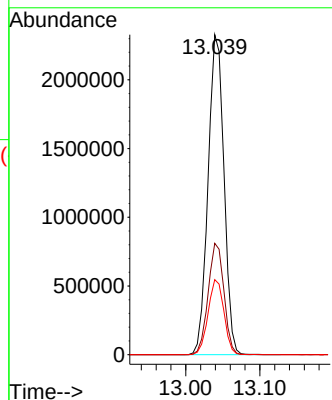
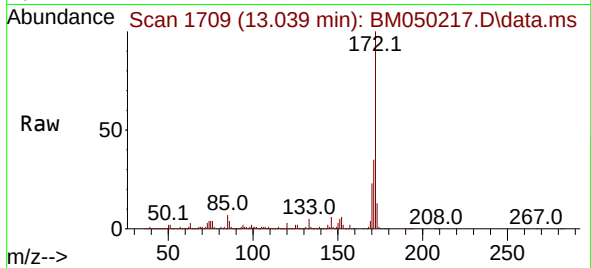




#45
2-Fluorobiphenyl
Concen: 77.048 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

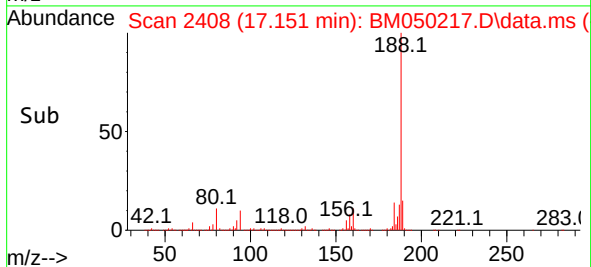
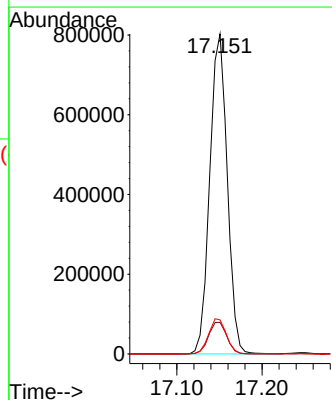
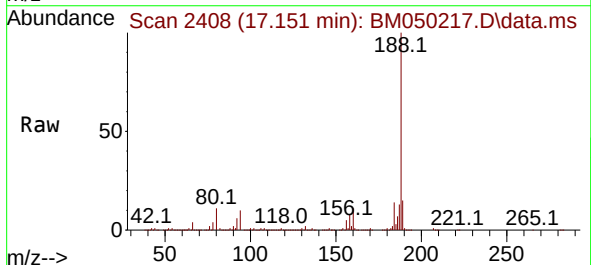
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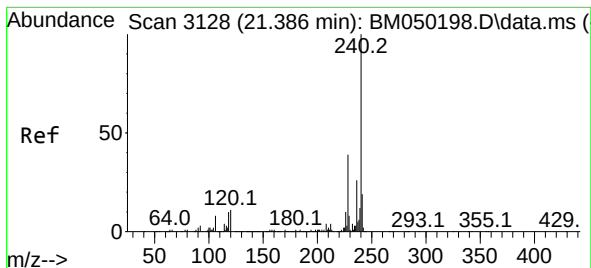
Tgt Ion:172 Resp: 3469477
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050217.D
Acq: 06 Jun 2025 16:45

Tgt Ion:188 Resp: 1145449
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050217.D

Acq: 06 Jun 2025 16:45

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-02

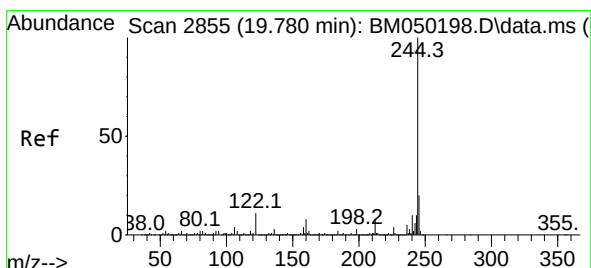
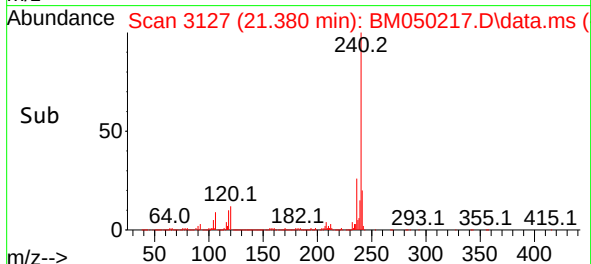
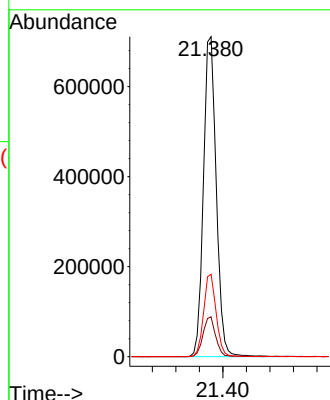
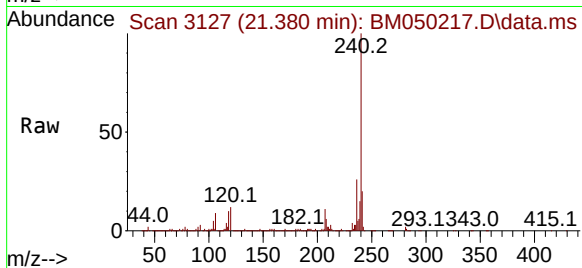
Tgt Ion:240 Resp: 1073649

Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.4

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 76.575 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050217.D

Acq: 06 Jun 2025 16:45

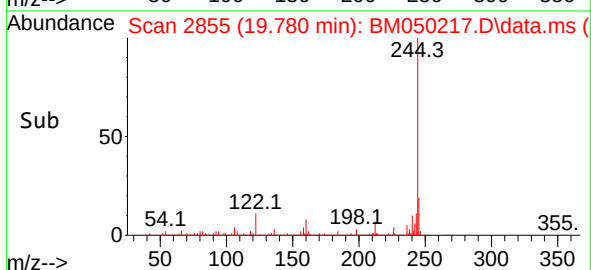
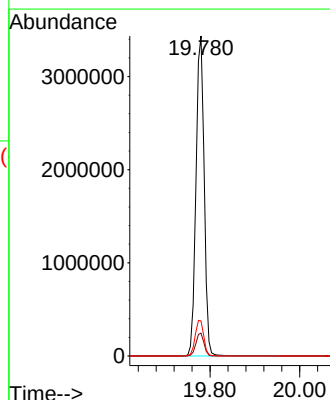
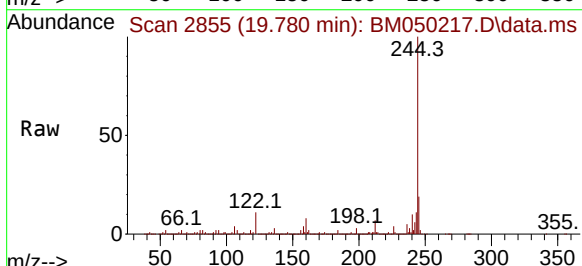
Tgt Ion:244 Resp: 4338429

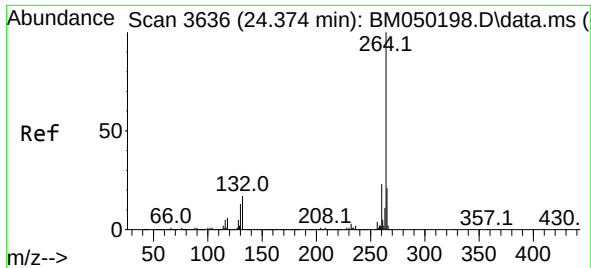
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

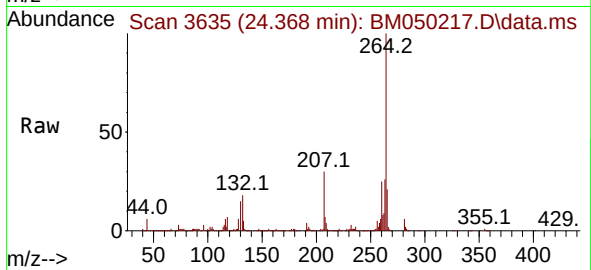
122 10.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.368 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM050217.D
 Acq: 06 Jun 2025 16:45

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Tgt Ion:264 Resp: 686399
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.5 16.8 25.2

