

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050234.D
 Acq On : 07 Jun 2025 04:39
 Operator : RC/JU
 Sample : Q2208-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-07

Quant Time: Jun 07 05:36:24 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	304797	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1148951	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	613651	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1133577	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1090263	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1159050	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2484031	135.950	ng	0.00
7) Phenol-d6	6.952	99	3043362	126.528	ng	0.00
23) Nitrobenzene-d5	8.934	82	1808242	81.851	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	890527	127.585	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3574088	78.852	ng	-0.01
79) Terphenyl-d14	19.774	244	4811482	83.630	ng	-0.01

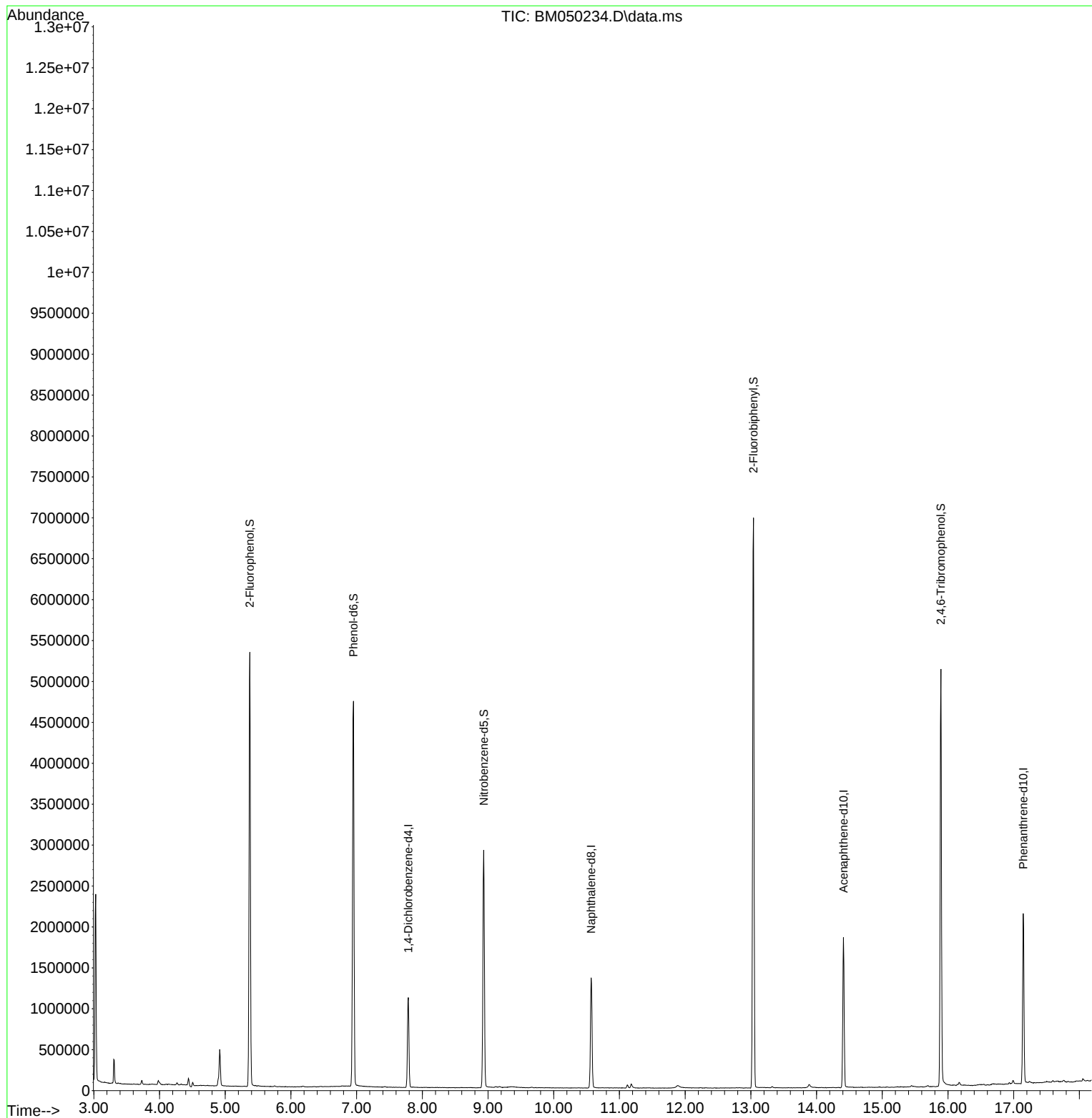
Target Compounds	Qvalue

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

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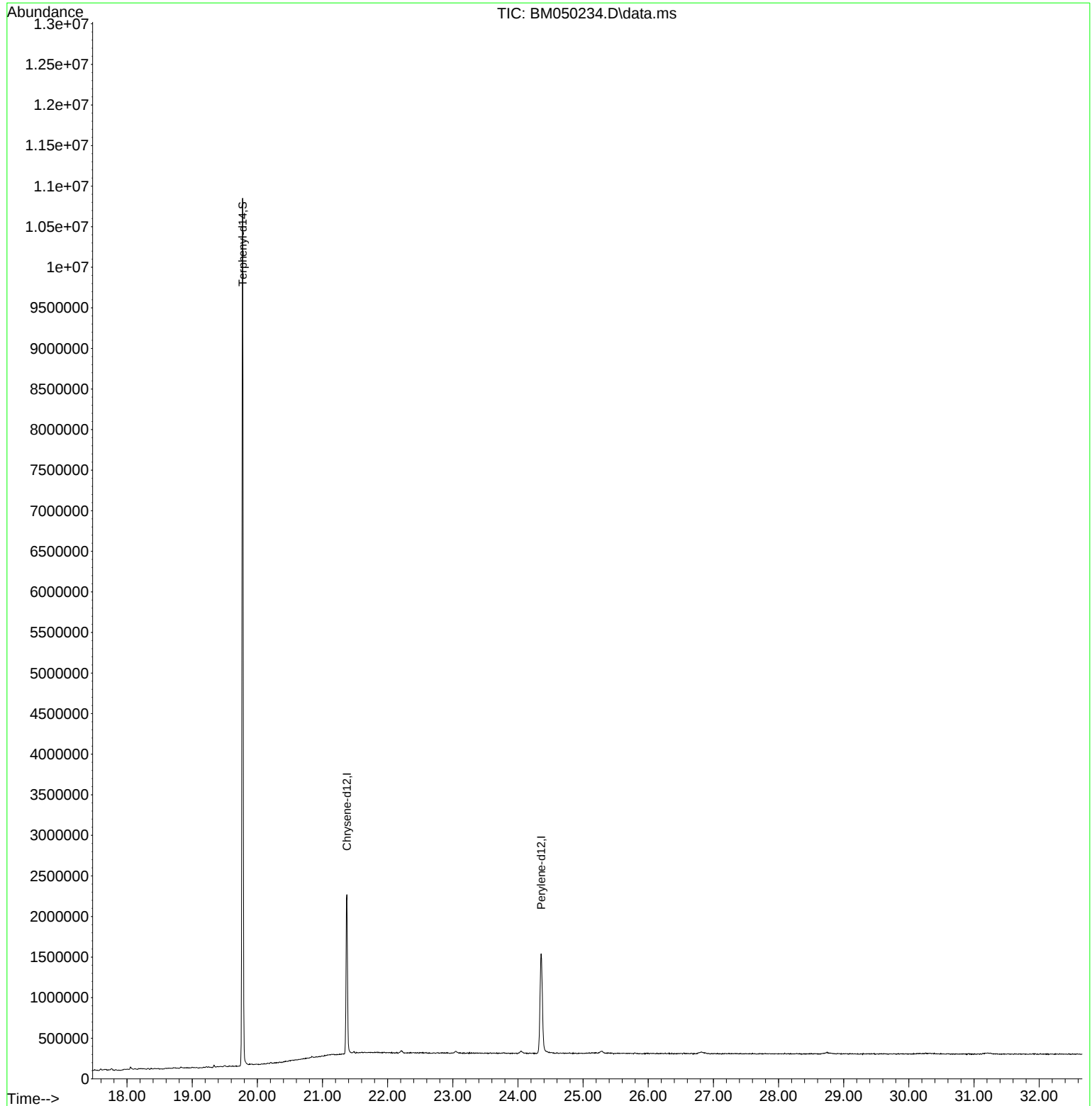
Quant Time: Jun 07 05:36:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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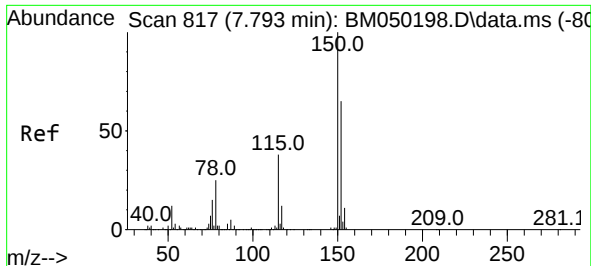


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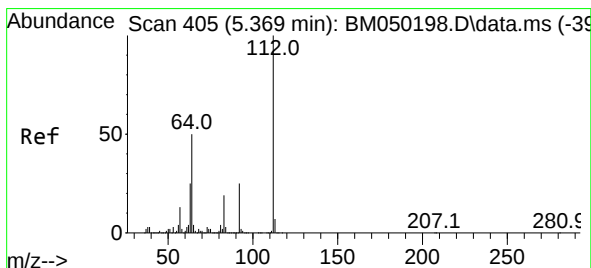
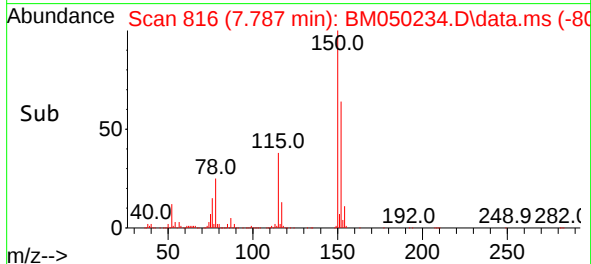
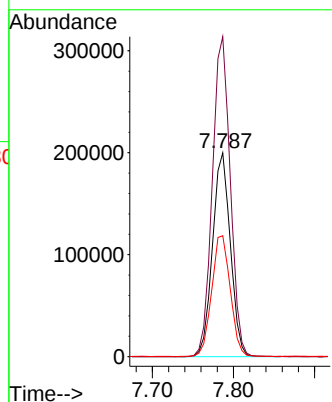
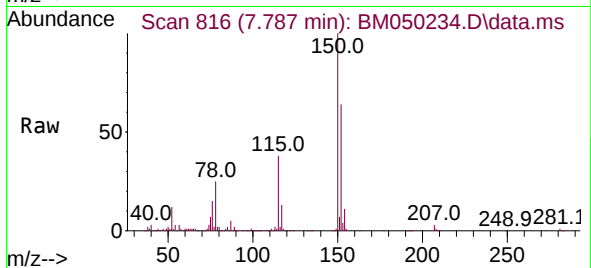




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

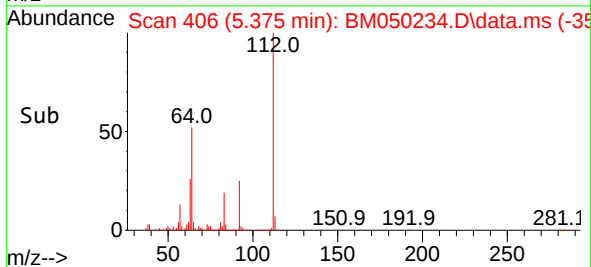
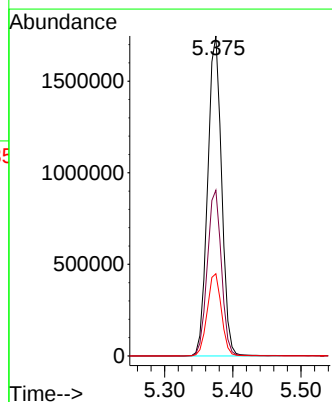
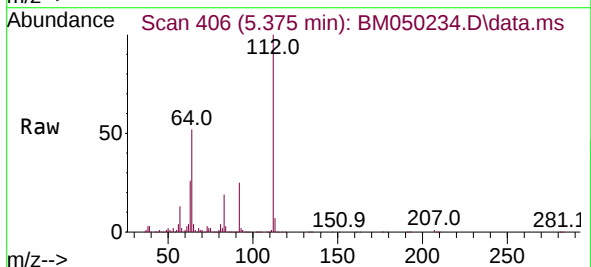
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-07

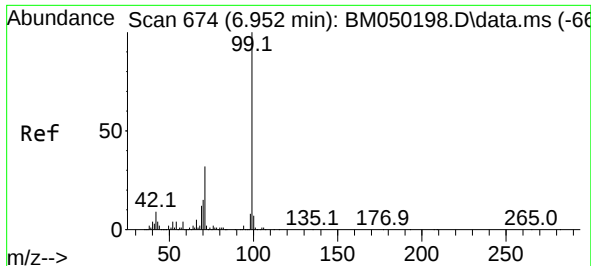
Tgt Ion:152 Resp: 304797
Ion Ratio Lower Upper
152 100
150 157.1 122.2 183.4
115 59.4 46.3 69.5



#5
2-Fluorophenol
Concen: 135.950 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

Tgt Ion:112 Resp: 2484031
Ion Ratio Lower Upper
112 100
64 51.8 39.8 59.6
63 25.7 19.8 29.8



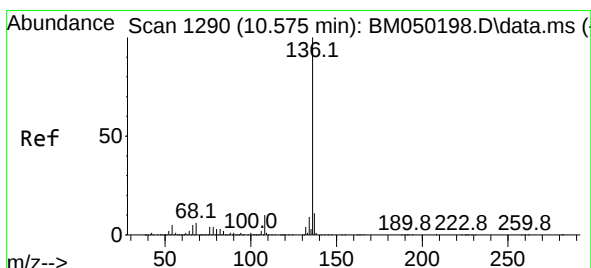
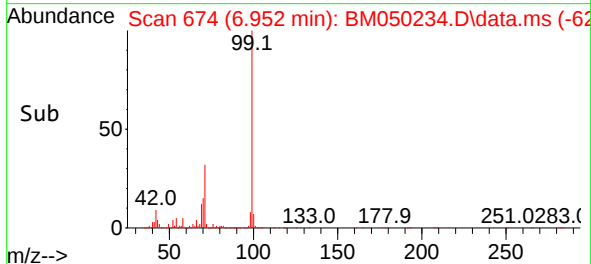
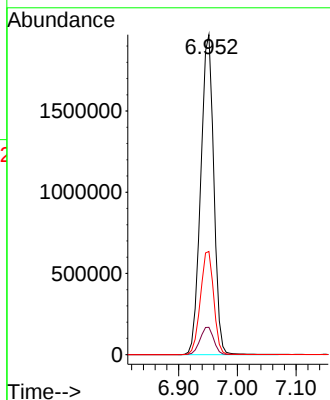
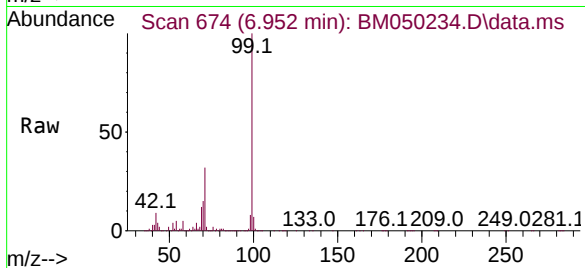


#7
Phenol-d6
Concen: 126.528 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-07

Tgt Ion: 99 Resp: 3043362

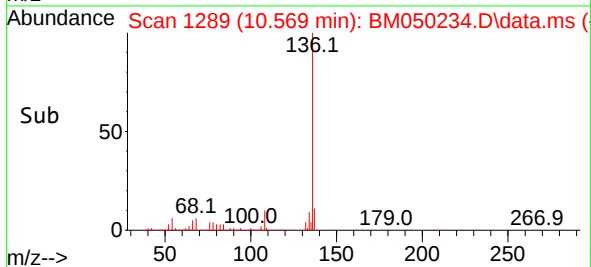
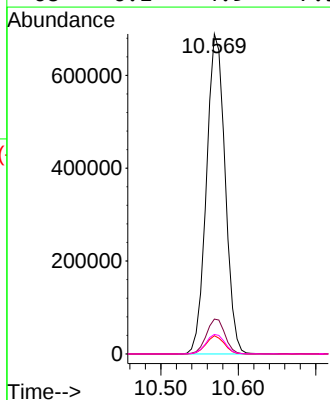
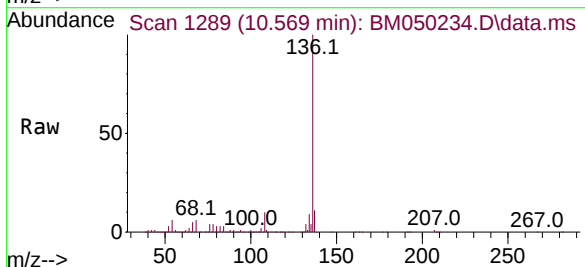
Ion	Ratio	Lower	Upper
99	100		
42	8.5	6.9	10.3
71	32.2	25.3	37.9

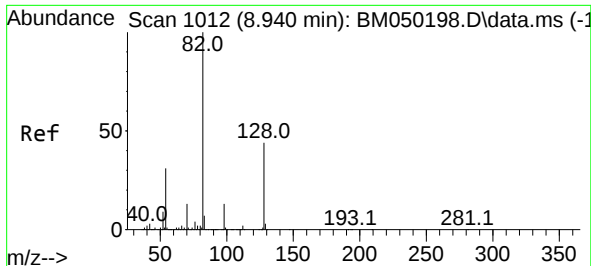


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

Tgt Ion: 136 Resp: 1148951

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.7	3.8	5.8
68	6.1	4.9	7.3

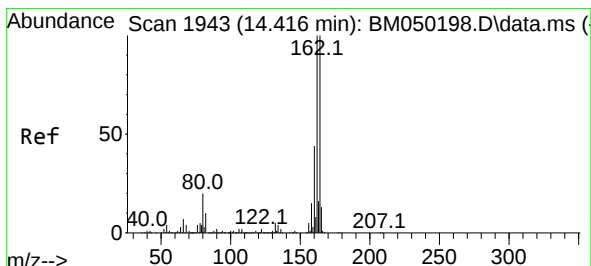
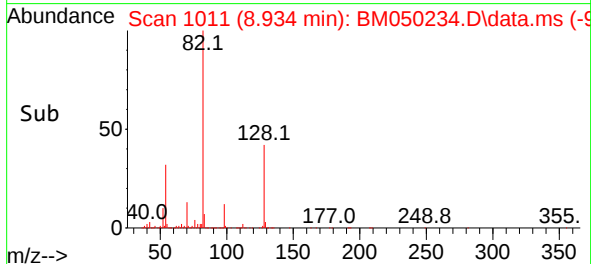
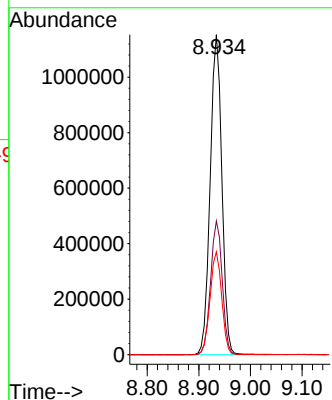
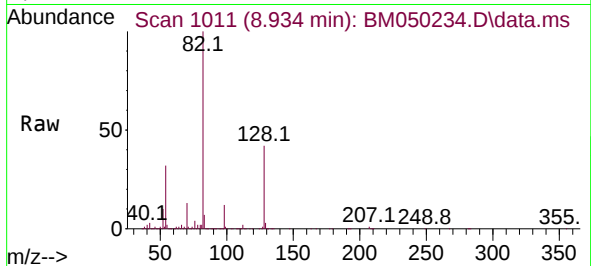




#23
Nitrobenzene-d5
Concen: 81.851 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

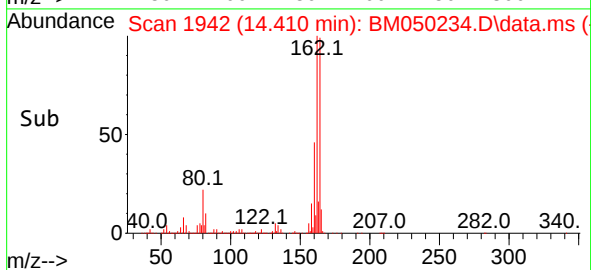
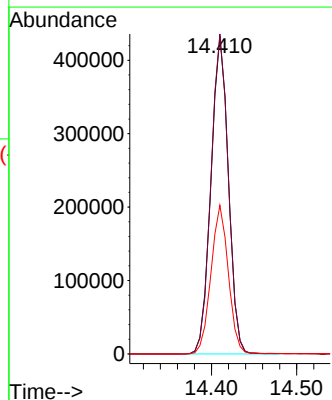
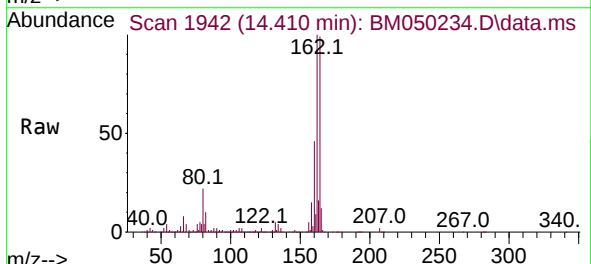
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-07

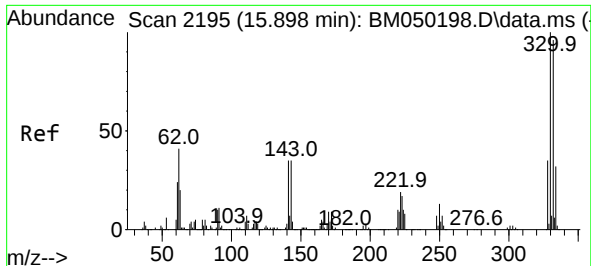
Tgt Ion: 82 Resp: 1808242
Ion Ratio Lower Upper
82 100
128 41.8 35.2 52.8
54 32.1 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

Tgt Ion: 164 Resp: 613651
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.4
160 46.8 35.7 53.5

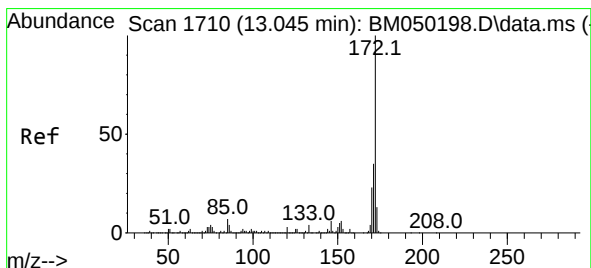
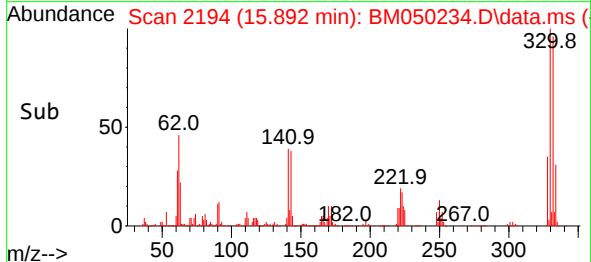
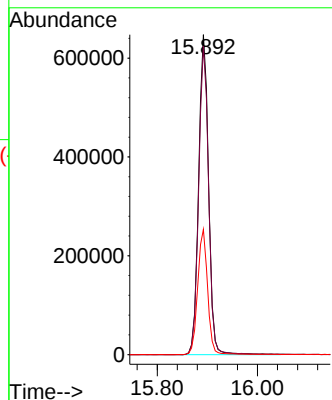
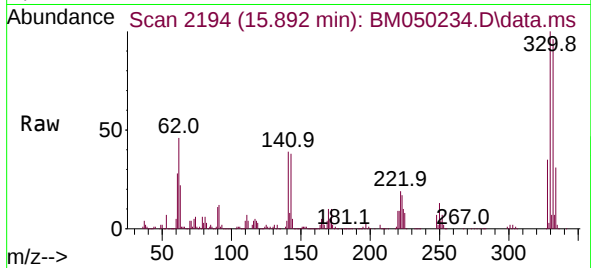




#42
2,4,6-Tribromophenol
Concen: 127.585 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

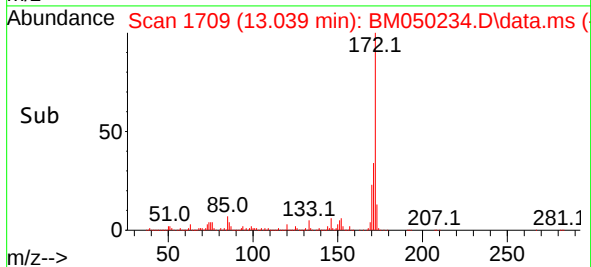
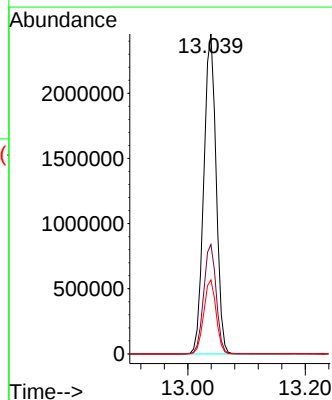
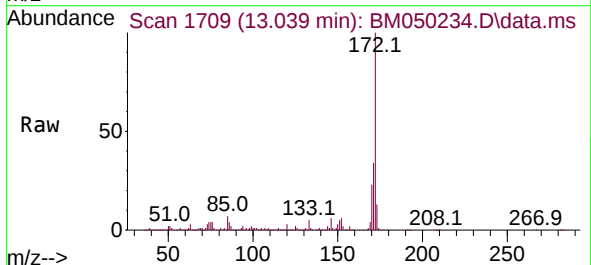
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-07

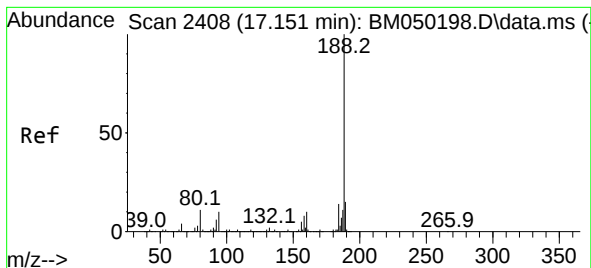
Tgt Ion:330 Resp: 890527
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 39.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.852 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050234.D
Acq: 07 Jun 2025 04:39

Tgt Ion:172 Resp: 3574088
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.1 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050234.D

Acq: 07 Jun 2025 04:39

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-07

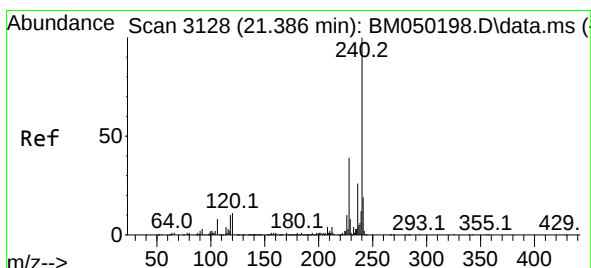
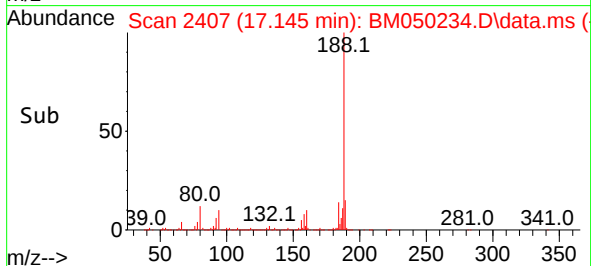
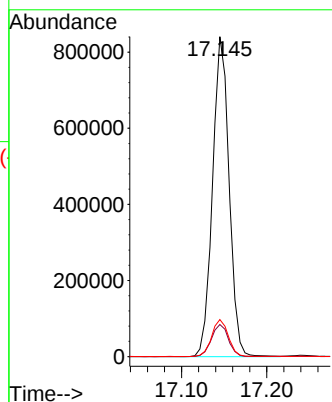
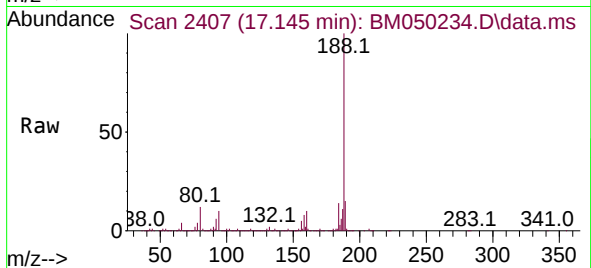
Tgt Ion:188 Resp: 1133577

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 11.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BM050234.D

Acq: 07 Jun 2025 04:39

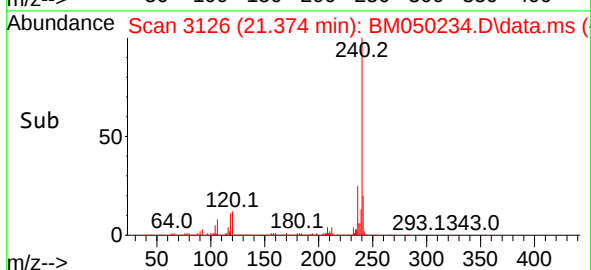
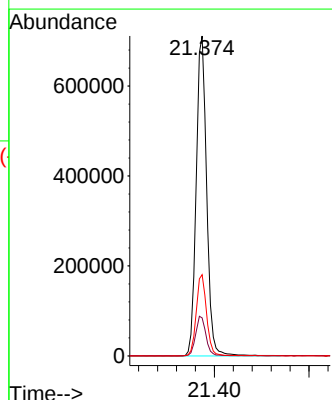
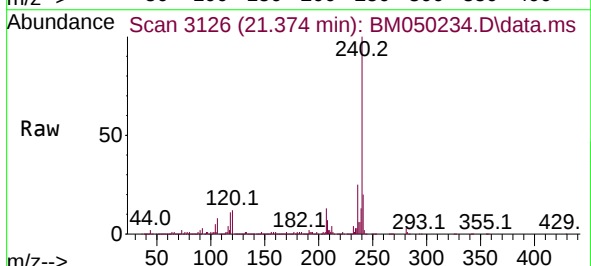
Tgt Ion:240 Resp: 1090263

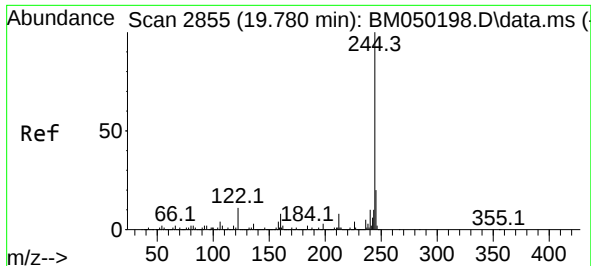
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

236 25.4 20.7 31.1

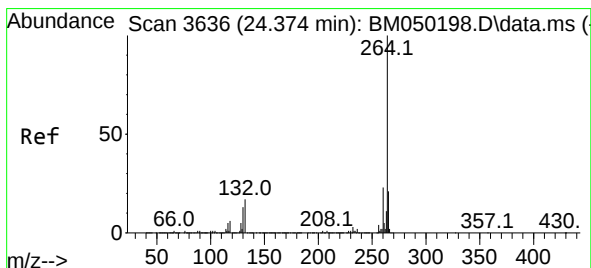
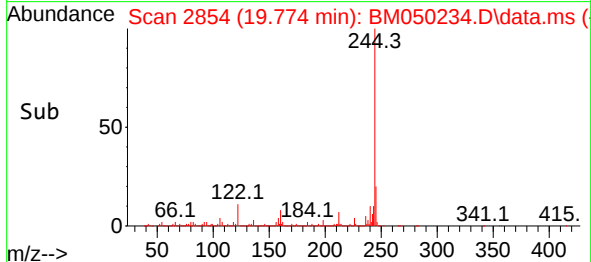
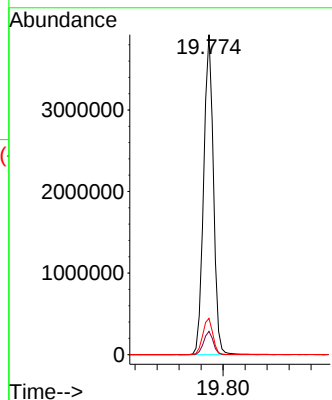
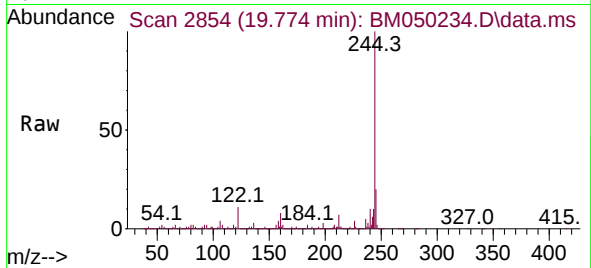




#79
 Terphenyl-d14
 Concen: 83.630 ng
 RT: 19.774 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BM050234.D
 Acq: 07 Jun 2025 04:39

Instrument :
 BNA_M
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 BU-703-COMP-07

Tgt Ion:244 Resp: 4811482
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.356 min Scan# 3633
 Delta R.T. -0.018 min
 Lab File: BM050234.D
 Acq: 07 Jun 2025 04:39

Tgt Ion:264 Resp: 1159050
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 22.2 16.8 25.2

