

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050224.D
 Acq On : 06 Jun 2025 22:03
 Operator : RC/JU
 Sample : PB168314BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168314BL

Quant Time: Jun 07 01:21:07 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	7.786	152	315983	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1181137	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	658679	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1198309	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1134031	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1193795	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2551038	134.675	ng	0.00
7) Phenol-d6	6.951	99	3124058	125.285	ng	0.00
23) Nitrobenzene-d5	8.933	82	1813937	79.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	935918	124.922	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3959669	81.387	ng	-0.01
79) Terphenyl-d14	19.774	244	4894065	81.782	ng	-0.01

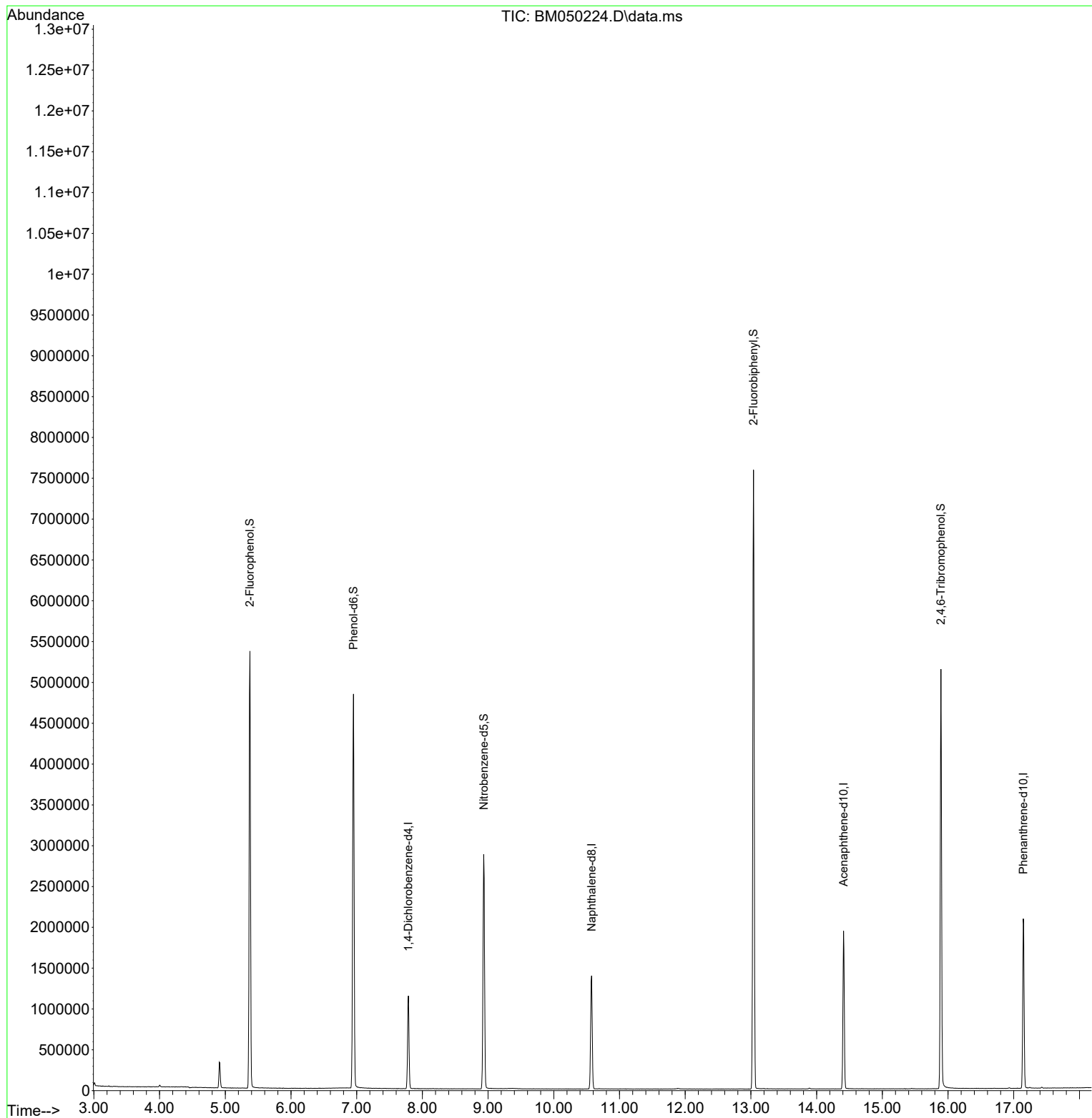
Target Compounds	Qvalue

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

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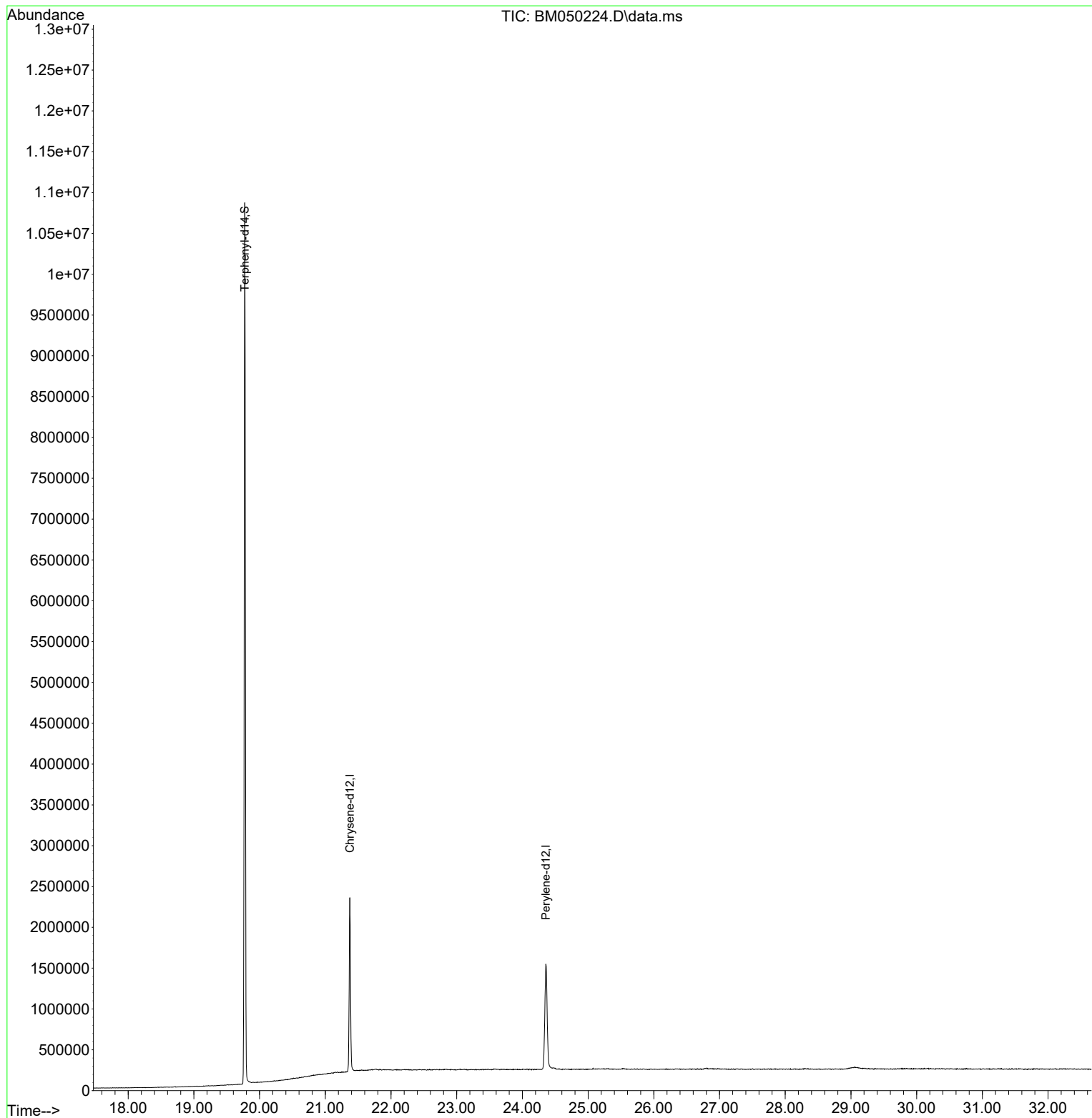
Quant Time: Jun 07 01:21:07 2025
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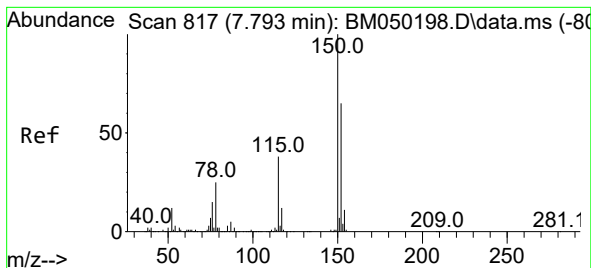


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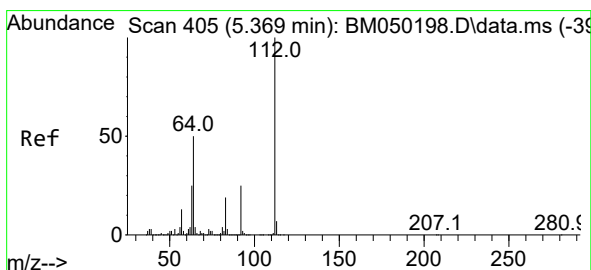
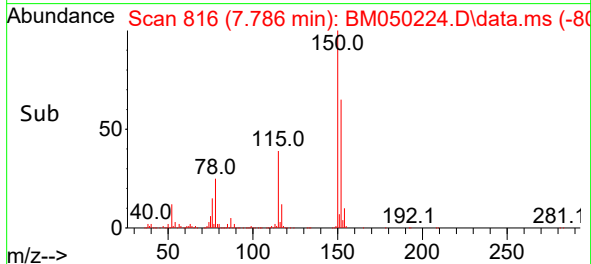
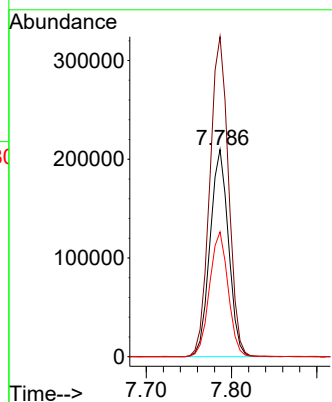
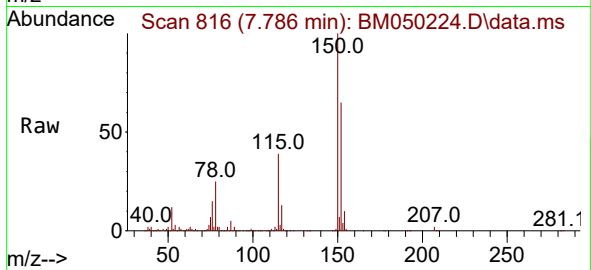




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 817
Delta R.T. -0.007 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

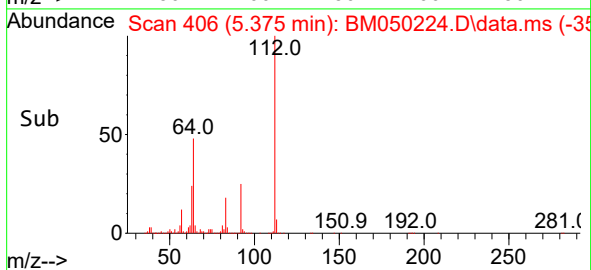
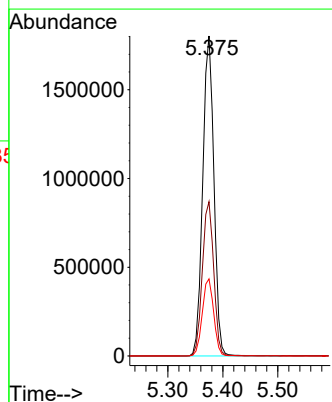
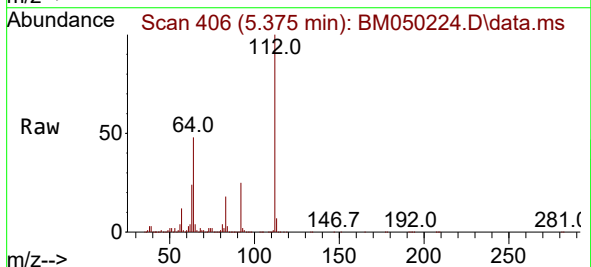
Instrument :
BNA_M
ClientSampleId :
PB168314BL

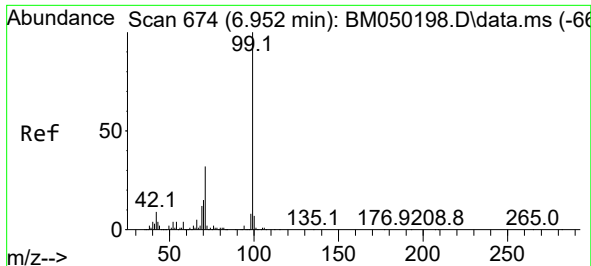
Tgt Ion:152 Resp: 315983
Ion Ratio Lower Upper
152 100
150 154.4 122.2 183.4
115 60.2 46.3 69.5



#5
2-Fluorophenol
Concen: 134.675 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:112 Resp: 2551038
Ion Ratio Lower Upper
112 100
64 48.2 39.8 59.6
63 24.1 19.8 29.8

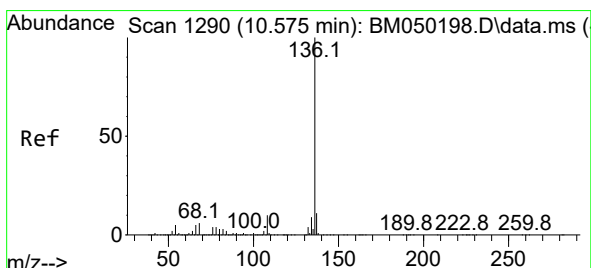
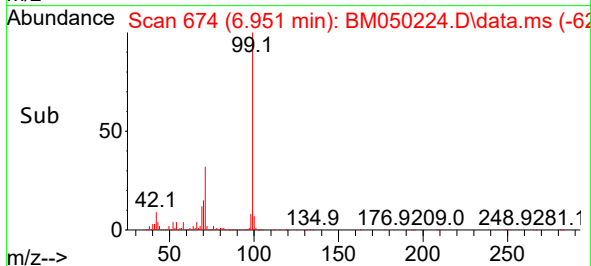
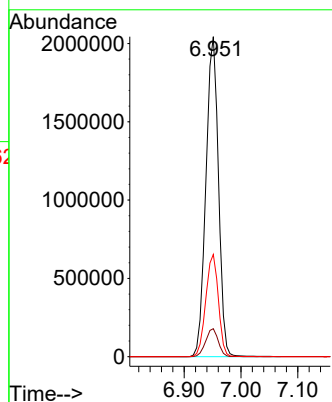
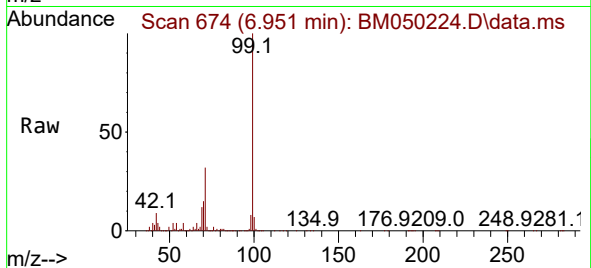




#7
Phenol-d6
Concen: 125.285 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

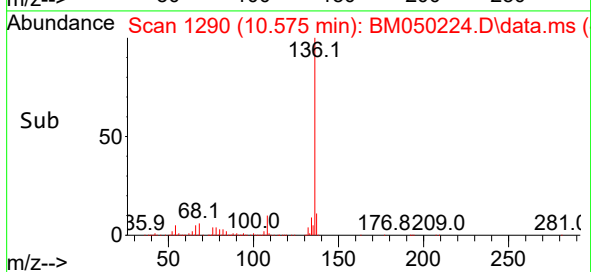
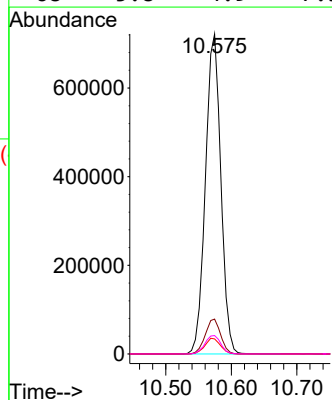
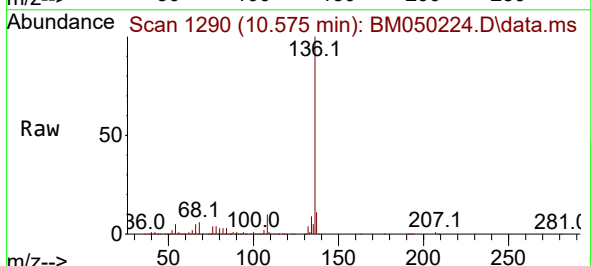
Instrument :
BNA_M
ClientSampleId :
PB168314BL

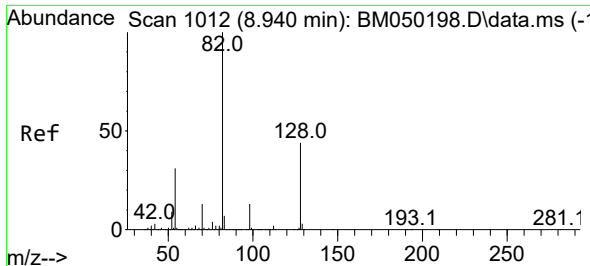
Tgt Ion: 99 Resp: 3124058
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion: 136 Resp: 1181137
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 4.7 3.8 5.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.872 ng

RT: 8.933 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050224.D

Acq: 06 Jun 2025 22:03

Instrument :

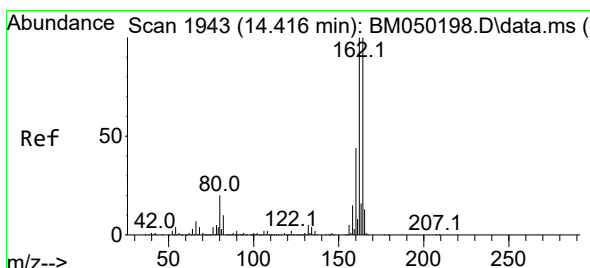
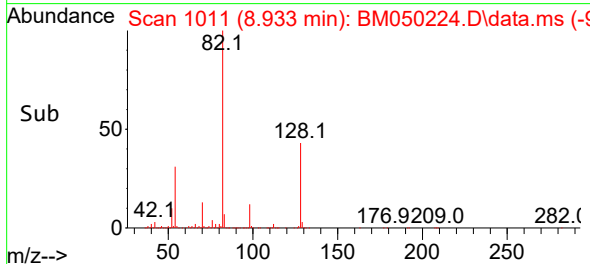
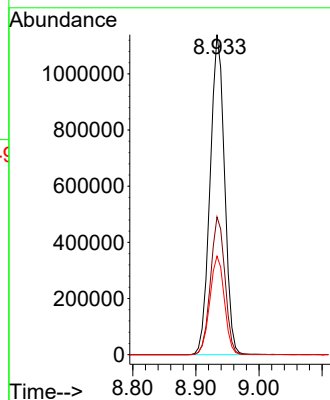
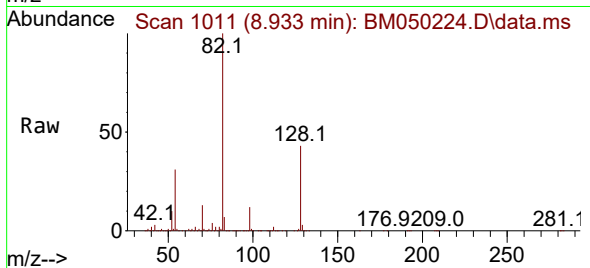
BNA_M

ClientSampleId :

PB168314BL

Tgt Ion: 82 Resp: 1813937

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.8	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

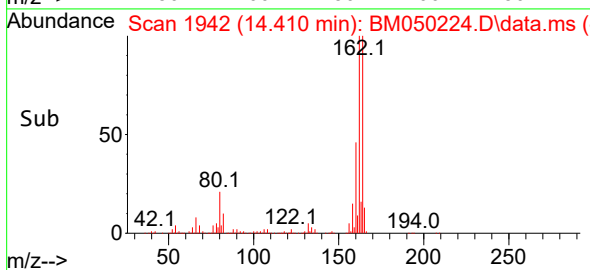
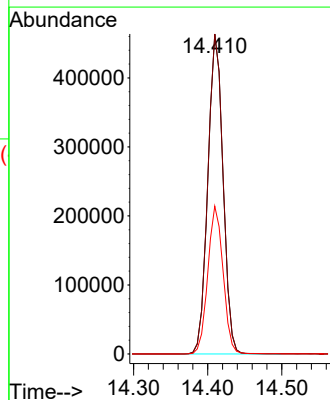
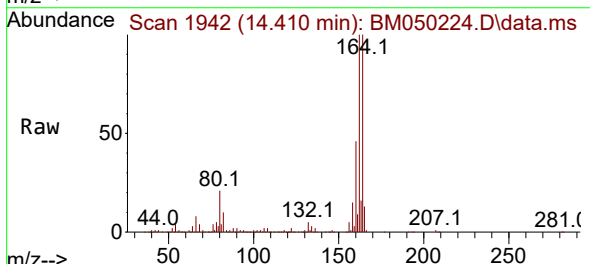
Delta R.T. -0.006 min

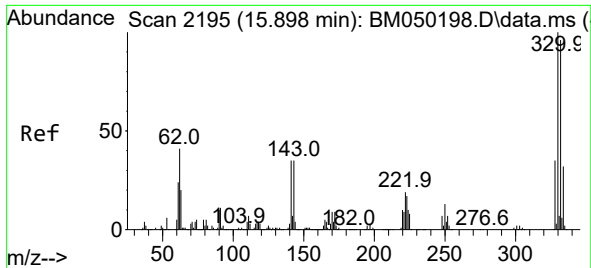
Lab File: BM050224.D

Acq: 06 Jun 2025 22:03

Tgt Ion: 164 Resp: 658679

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	46.3	35.7	53.5

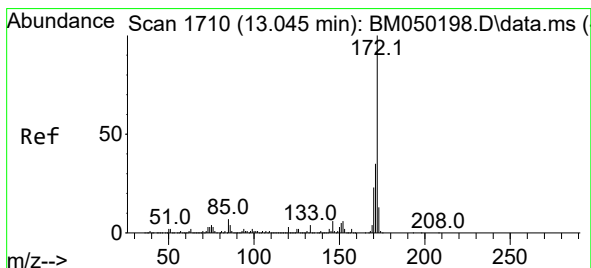
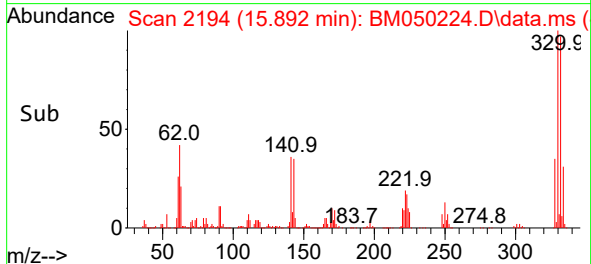
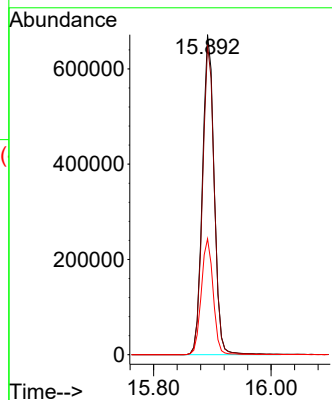
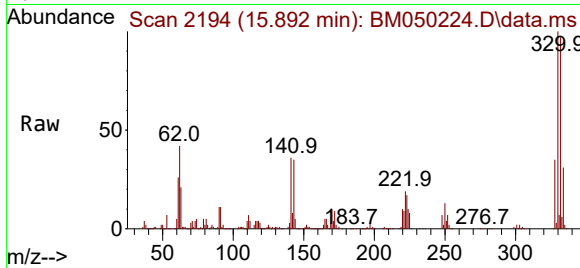




#42
2,4,6-Tribromophenol
Concen: 124.922 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

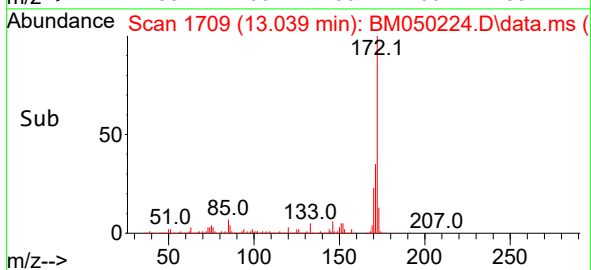
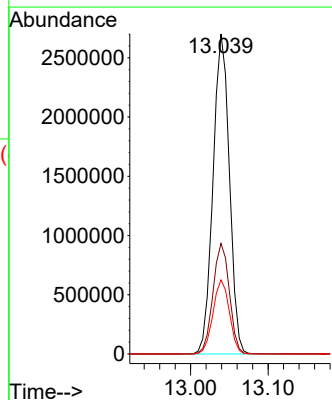
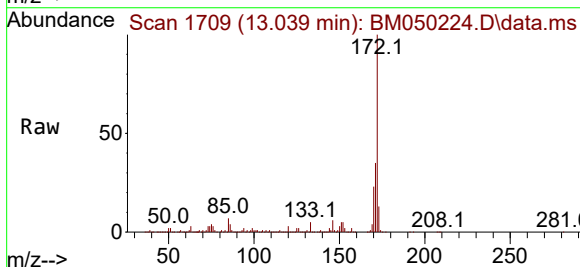
Instrument :
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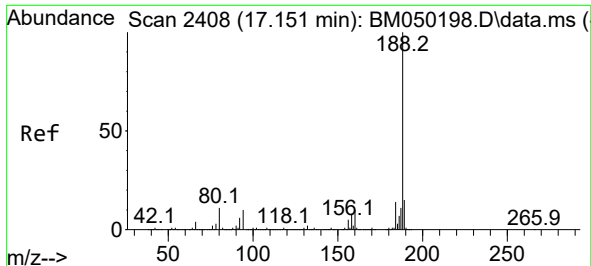
Tgt Ion:330 Resp: 935918
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 36.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 81.387 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:172 Resp: 3959669
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8

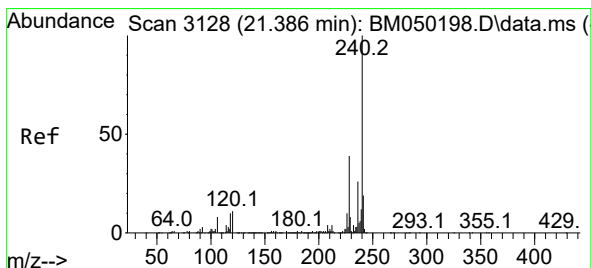
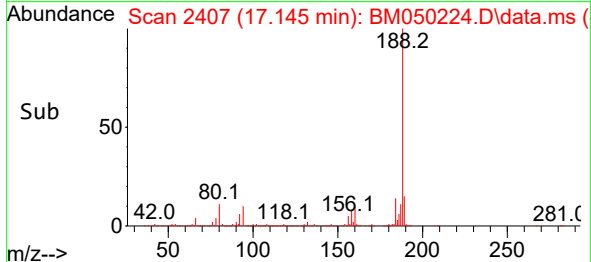
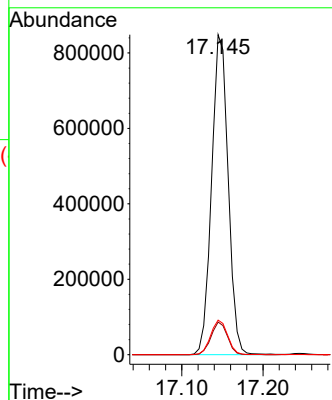
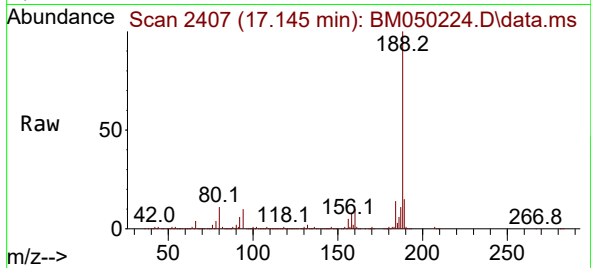




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

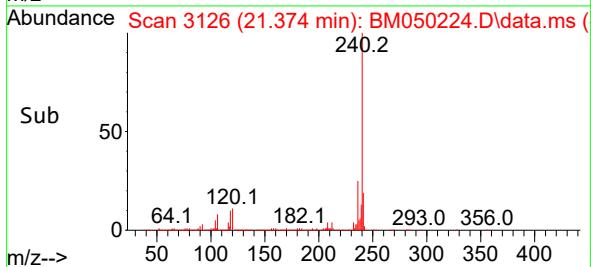
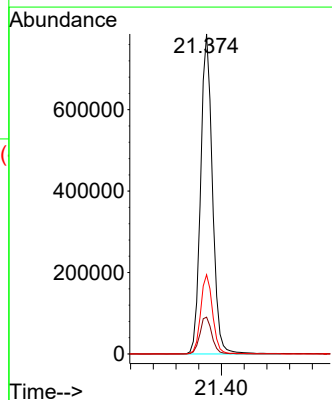
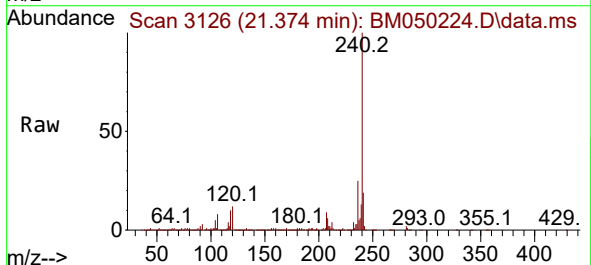
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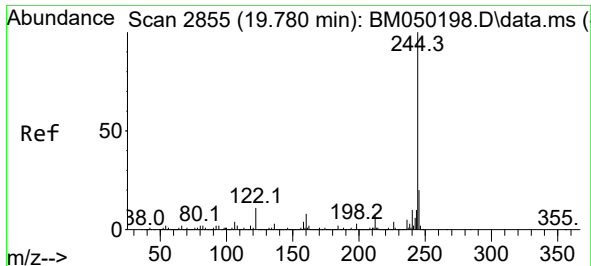
Tgt Ion:188 Resp: 1198309
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:240 Resp: 1134031
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 24.8 20.7 31.1

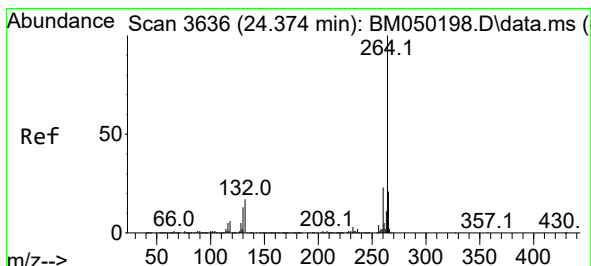
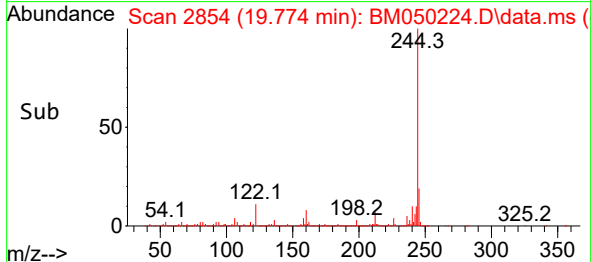
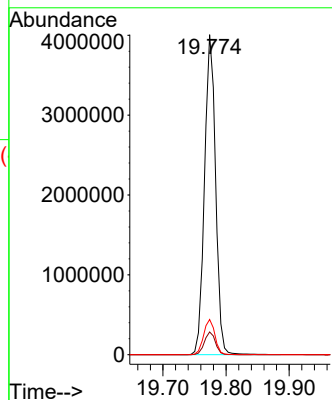
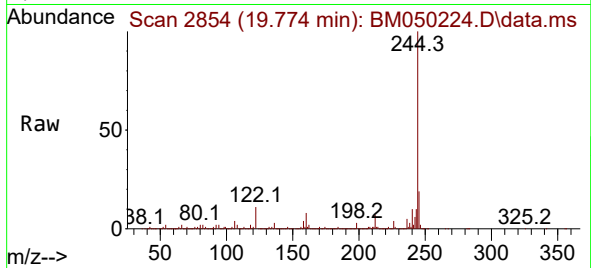




#79
 Terphenyl-d14
 Concen: 81.782 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050224.D
 Acq: 06 Jun 2025 22:03

Instrument :
 BNA_M
 ClientSampleId :
 PB168314BL

Tgt Ion:244 Resp: 4894065
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.0 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: BM050224.D
 Acq: 06 Jun 2025 22:03

Tgt Ion:264 Resp: 1193795
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.4 16.8 25.2

