

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050231.D
 Acq On : 07 Jun 2025 02:41
 Operator : RC/JU
 Sample : Q2206-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Quant Time: Jun 07 03:28:51 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	320659	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1215602	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	665568	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1223570	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1165034	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1211637	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2435587	126.705	ng	0.00
7) Phenol-d6	6.951	99	2782272	109.951	ng	0.00
23) Nitrobenzene-d5	8.934	82	1961118	83.904	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	949542	125.429	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3833334	77.975	ng	-0.01
79) Terphenyl-d14	19.774	244	5357467	87.144	ng	-0.01

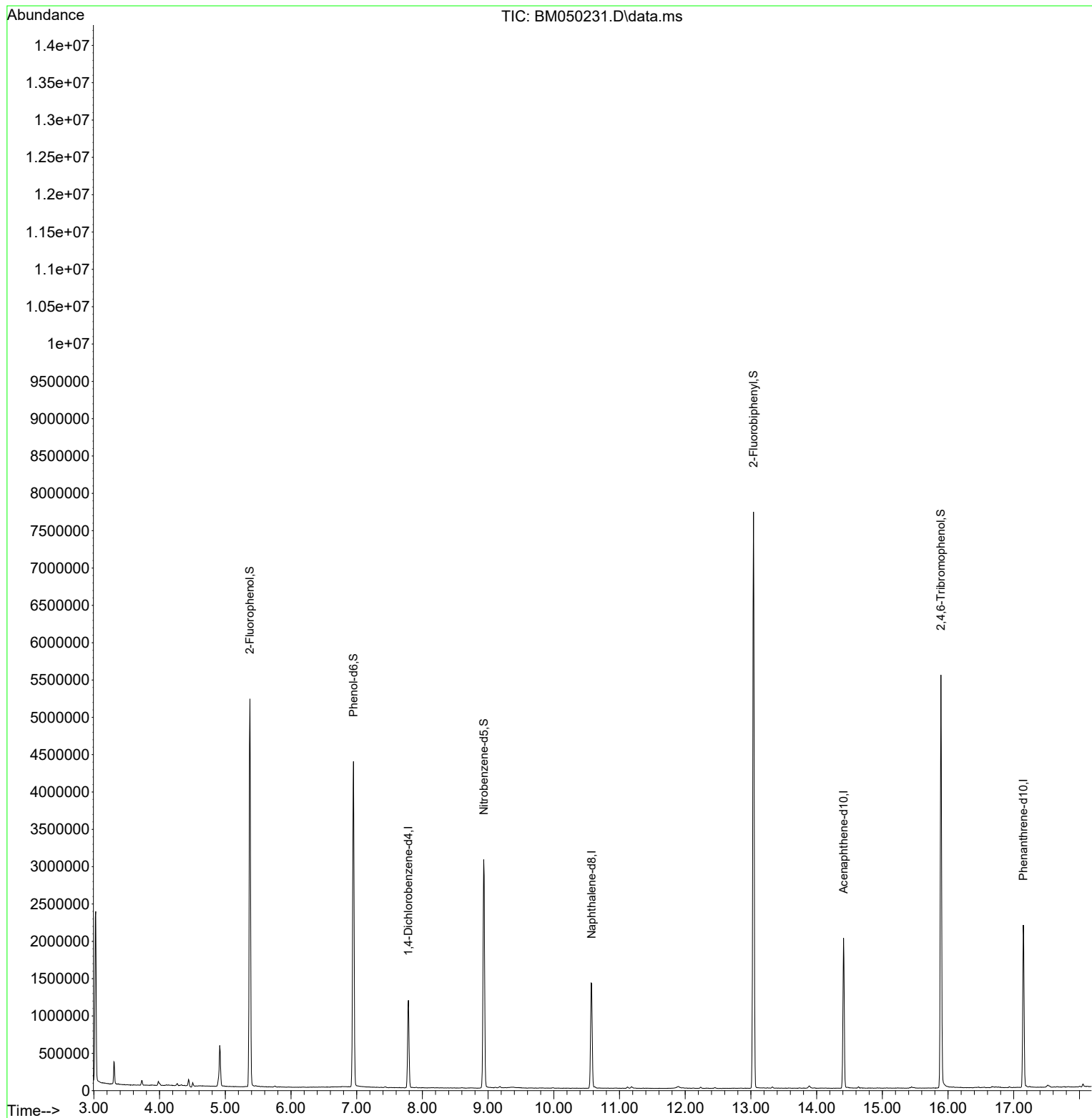
Target Compounds	Qvalue

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

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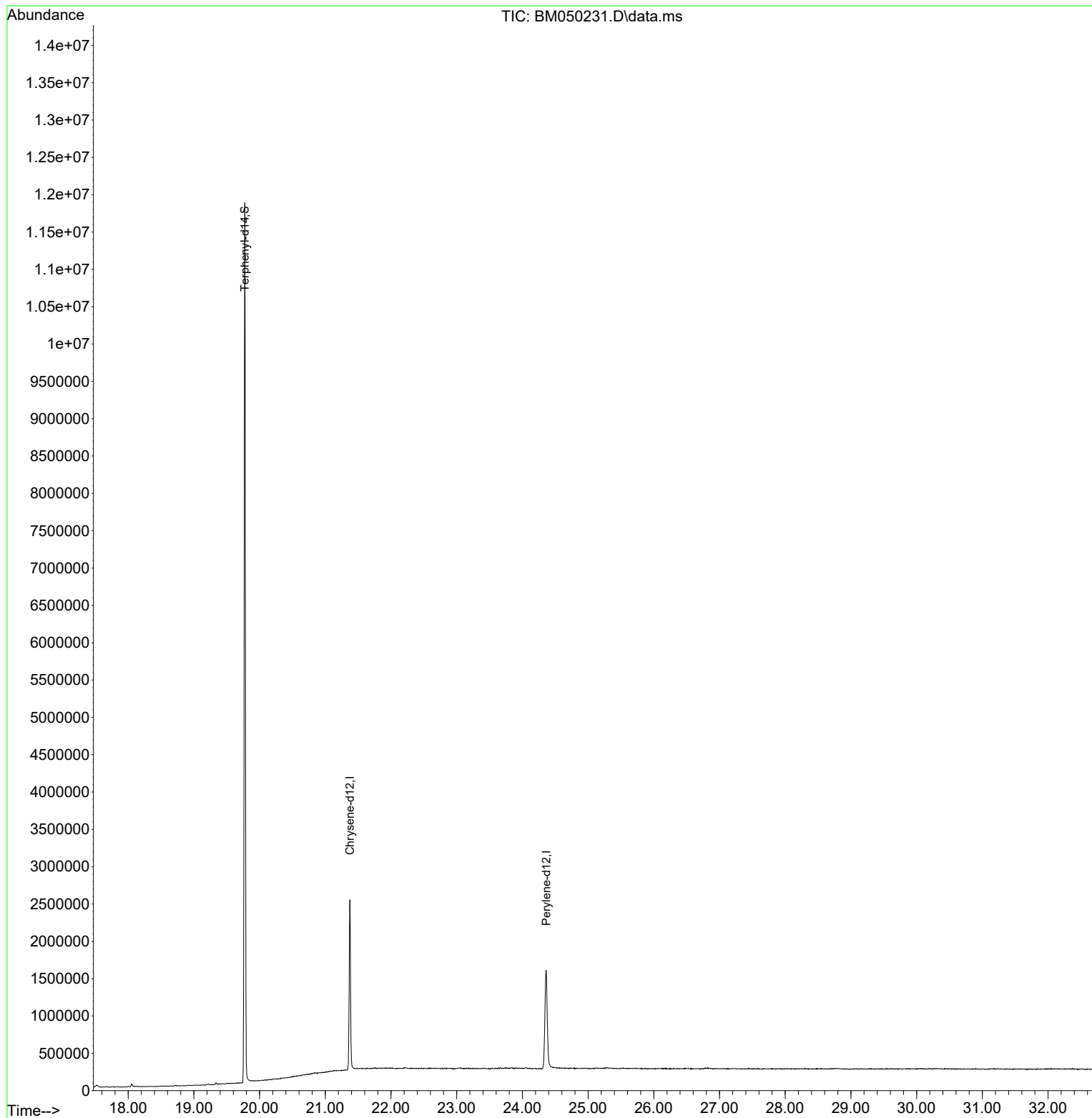
Quant Time: Jun 07 03:28:51 2025
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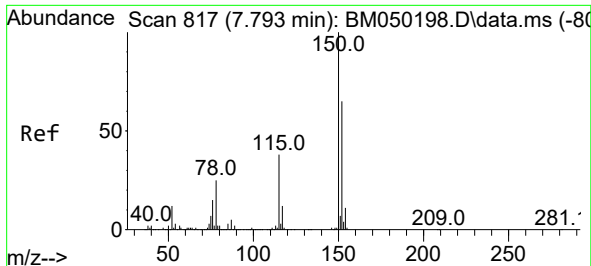


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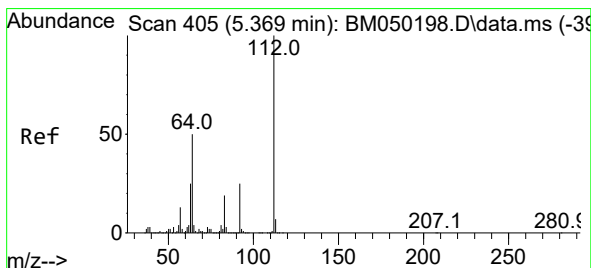
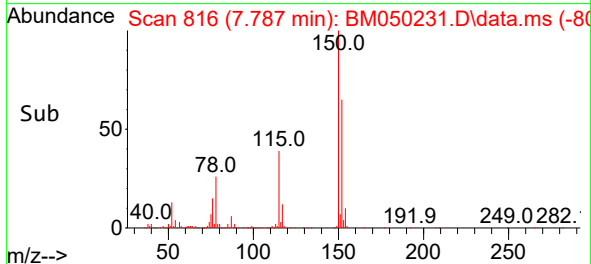
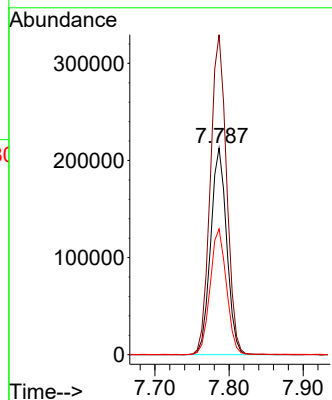
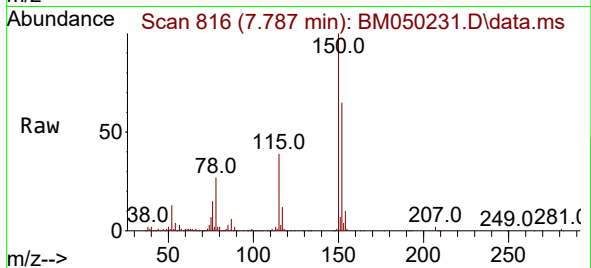




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

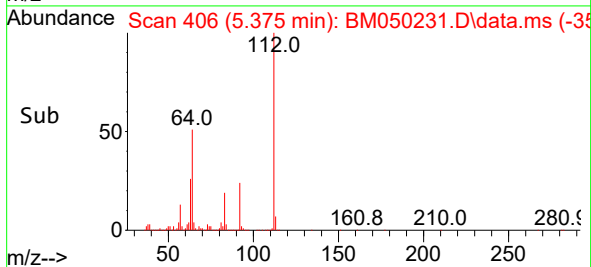
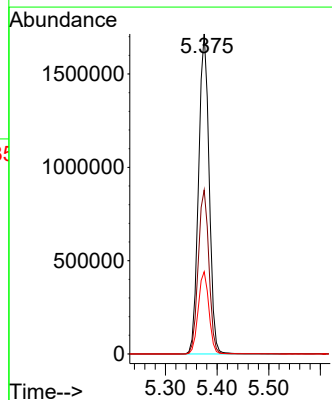
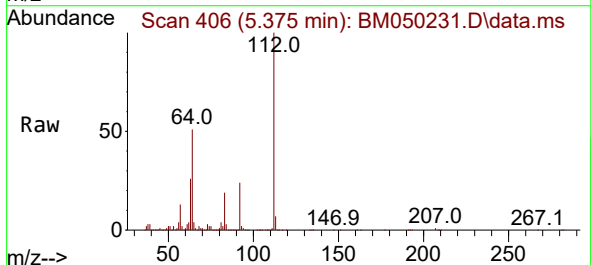
Instrument :
BNA_M
ClientSampleId :
TP-1

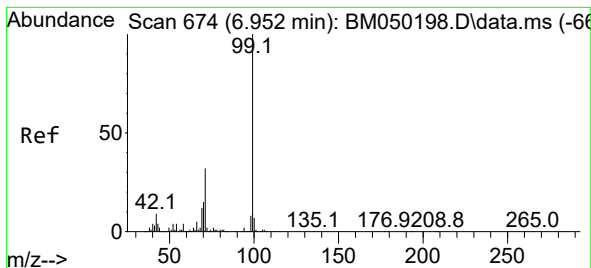
Tgt Ion:152 Resp: 320659
Ion Ratio Lower Upper
152 100
150 154.8 122.2 183.4
115 60.9 46.3 69.5



#5
2-Fluorophenol
Concen: 126.705 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:112 Resp: 2435587
Ion Ratio Lower Upper
112 100
64 51.2 39.8 59.6
63 25.7 19.8 29.8





#7

Phenol-d6

Concen: 109.951 ng

RT: 6.951 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM050231.D

Acq: 07 Jun 2025 02:41

Instrument :

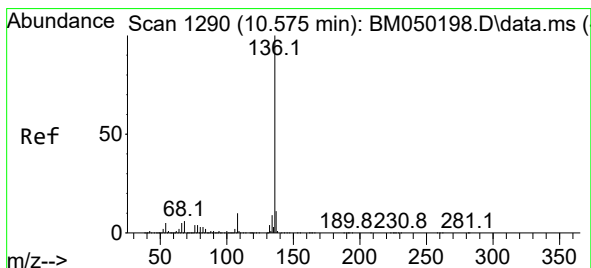
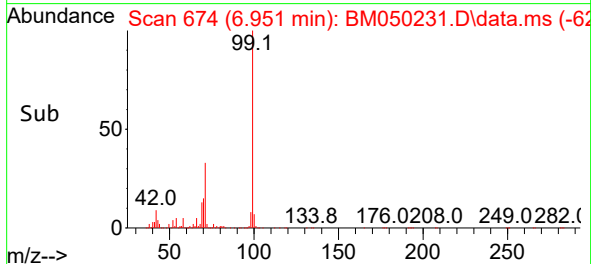
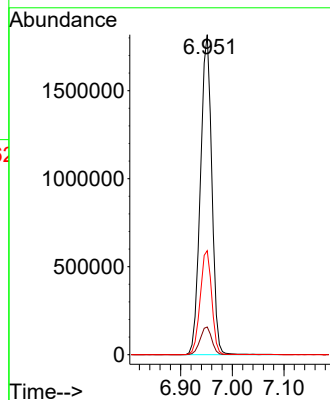
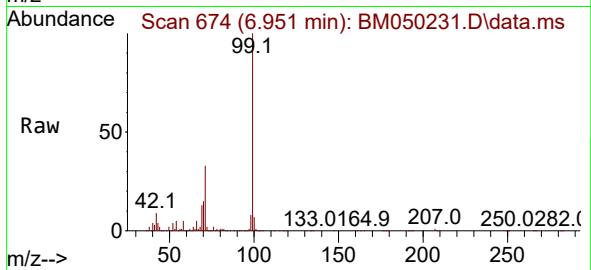
BNA_M

ClientSampleId :

TP-1

Tgt Ion: 99 Resp: 2782272

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	32.5	25.3	37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.575 min Scan# 1290

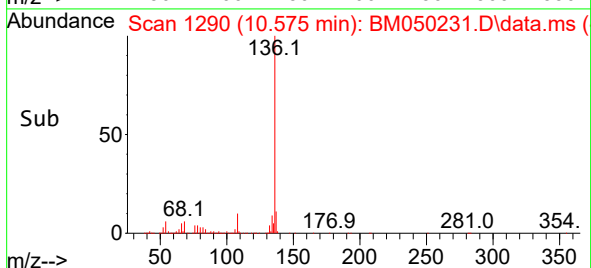
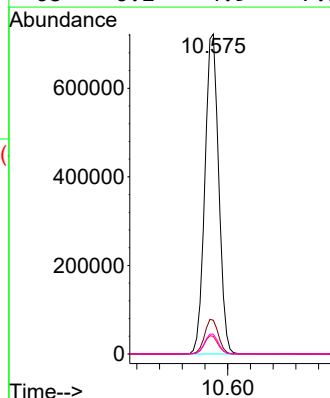
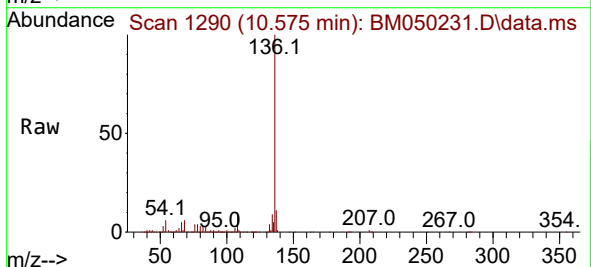
Delta R.T. -0.006 min

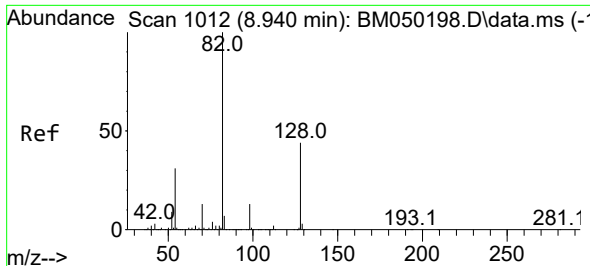
Lab File: BM050231.D

Acq: 07 Jun 2025 02:41

Tgt Ion: 136 Resp: 1215602

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	5.5	3.8	5.8
68	6.2	4.9	7.3

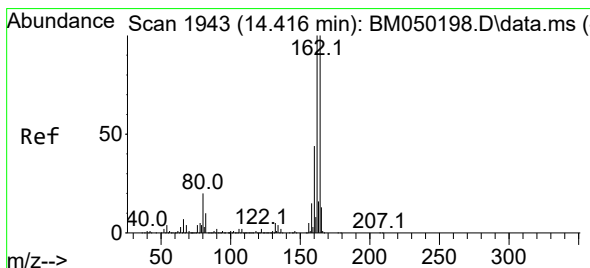
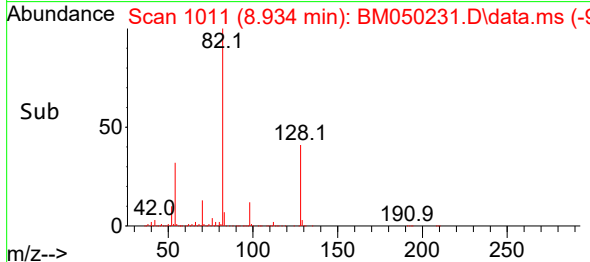
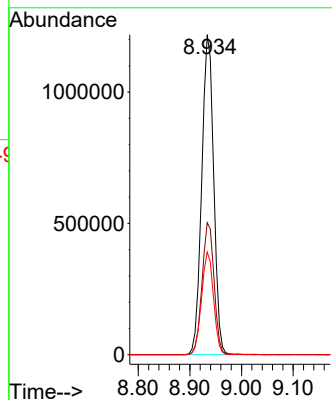
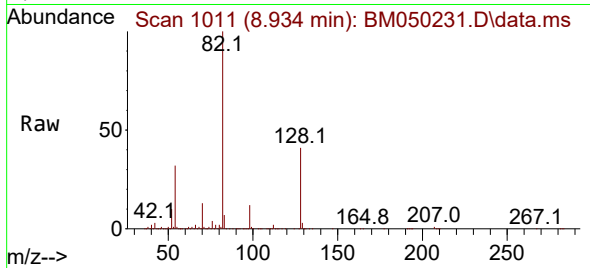




#23
Nitrobenzene-d5
Concen: 83.904 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

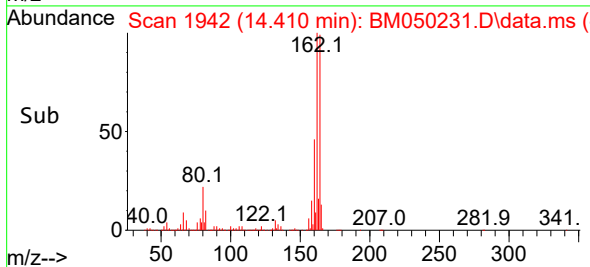
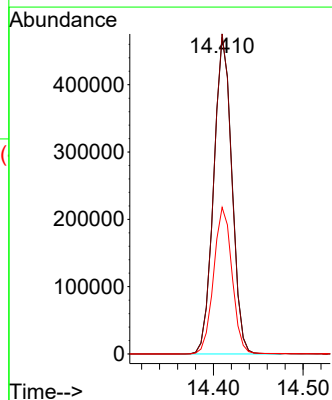
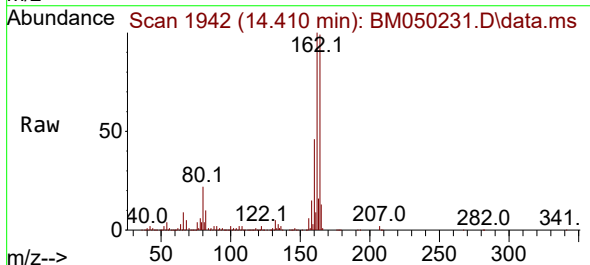
Instrument :
BNA_M
ClientSampleId :
TP-1

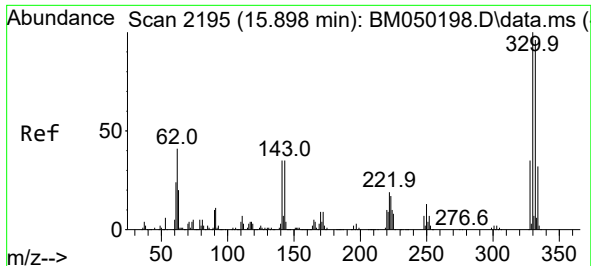
Tgt Ion: 82 Resp: 1961118
Ion Ratio Lower Upper
82 100
128 41.2 35.2 52.8
54 32.1 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion: 164 Resp: 665568
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.4
160 46.3 35.7 53.5

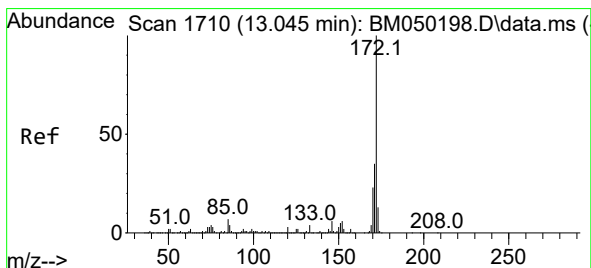
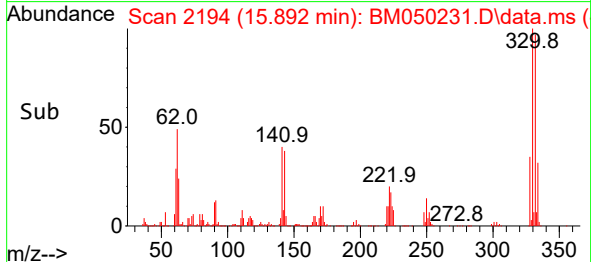
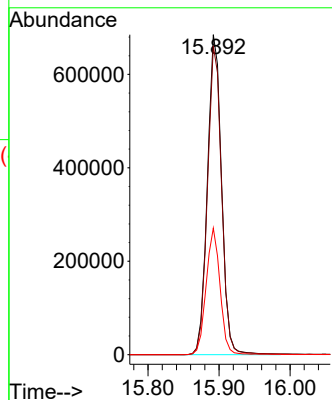
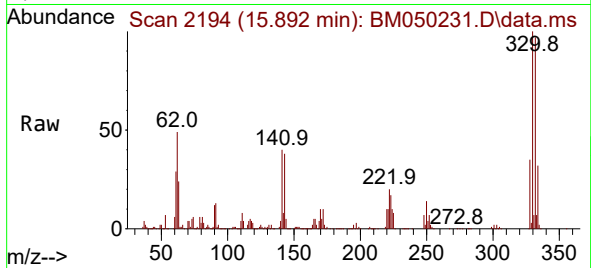




#42
2,4,6-Tribromophenol
Concen: 125.429 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

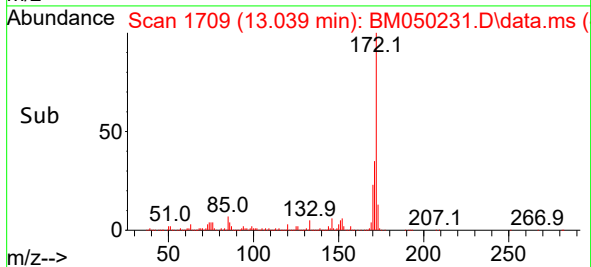
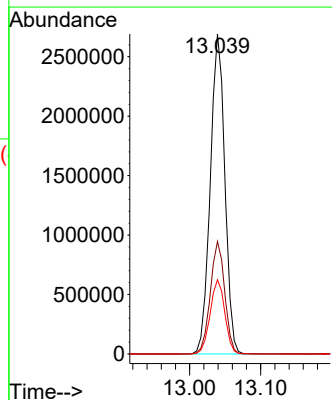
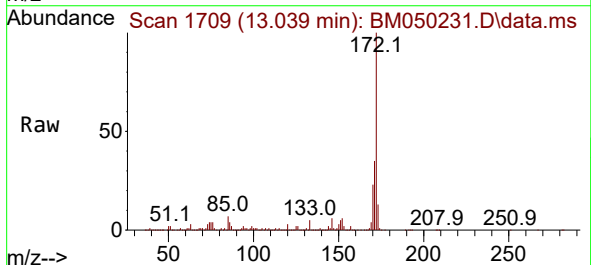
Instrument :
BNA_M
ClientSampleId :
TP-1

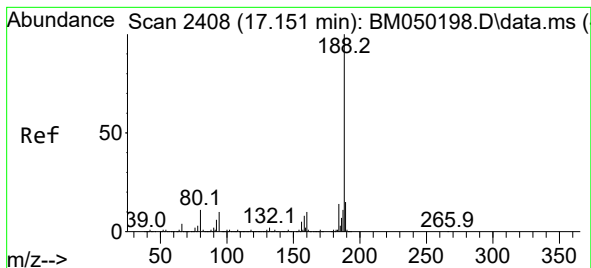
Tgt Ion:330 Resp: 949542
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 39.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 77.975 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:172 Resp: 3833334
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.2 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: BM050231.D

Acq: 07 Jun 2025 02:41

Instrument :

BNA_M

ClientSampleId :

TP-1

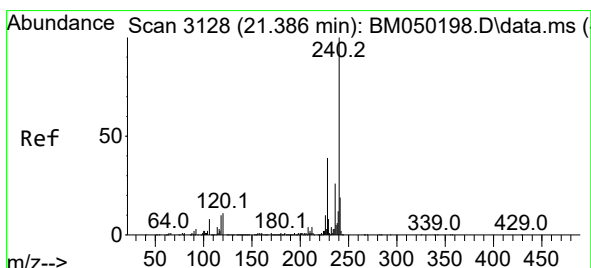
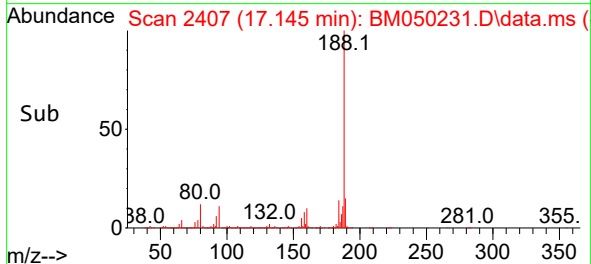
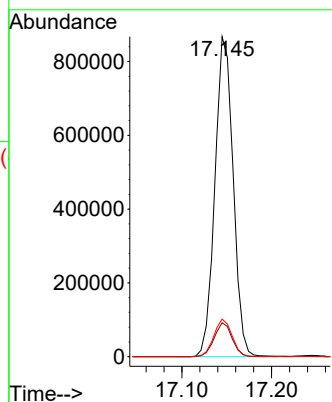
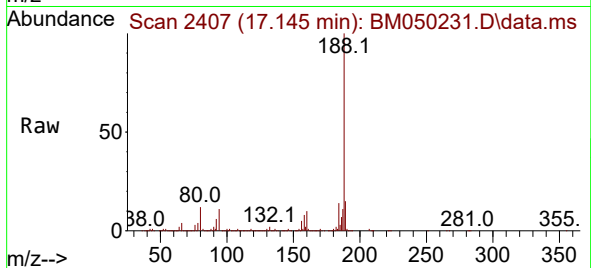
Tgt Ion:188 Resp: 1223570

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 11.7 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: BM050231.D

Acq: 07 Jun 2025 02:41

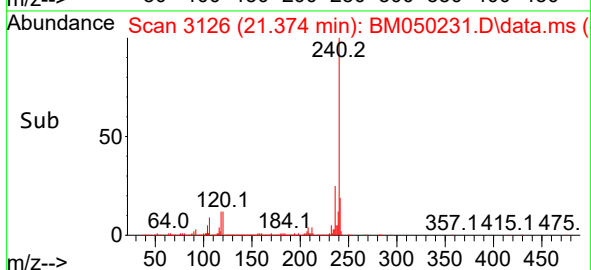
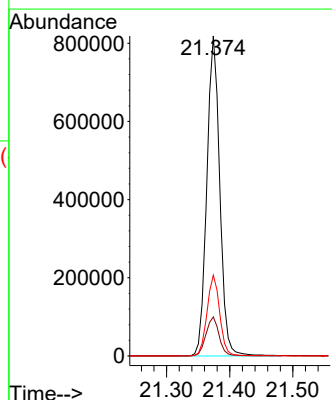
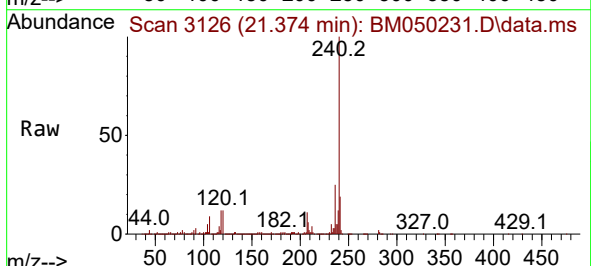
Tgt Ion:240 Resp: 1165034

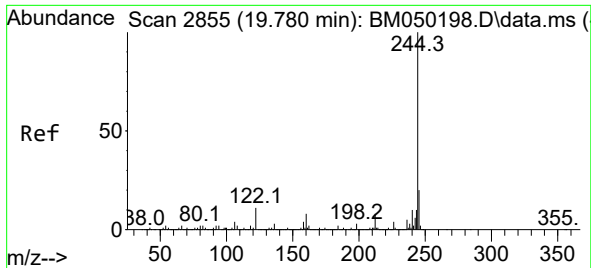
Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 25.3 20.7 31.1

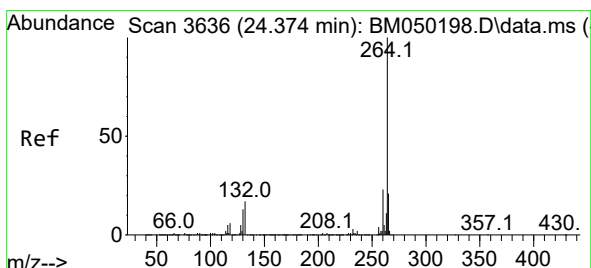
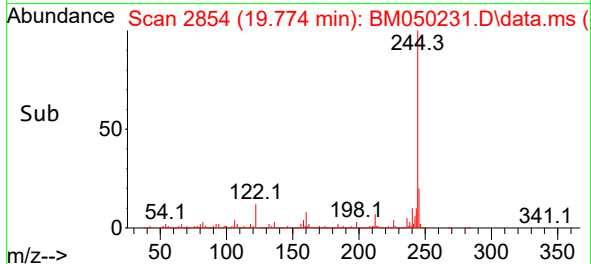
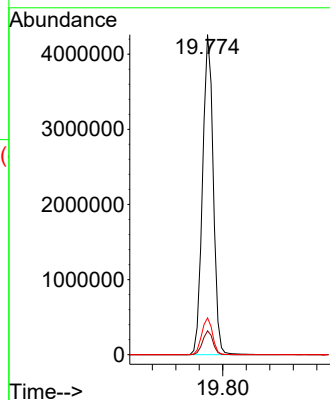
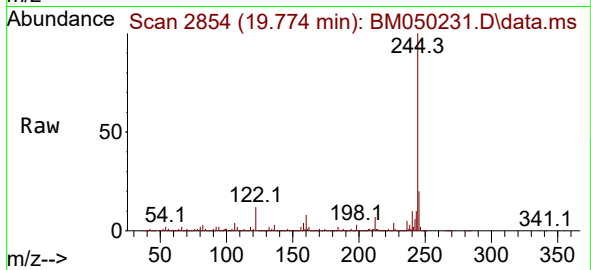




#79
 Terphenyl-d14
 Concen: 87.144 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050231.D
 Acq: 07 Jun 2025 02:41

Instrument :
 BNA_M
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 5357467
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.362 min Scan# 3634
 Delta R.T. -0.012 min
 Lab File: BM050231.D
 Acq: 07 Jun 2025 02:41

Tgt Ion:264 Resp: 1211637
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 21.3 16.8 25.2

