

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050284.D
 Acq On : 11 Jun 2025 21:21
 Operator : RC/JU
 Sample : Q2267-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 02:56:54 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)

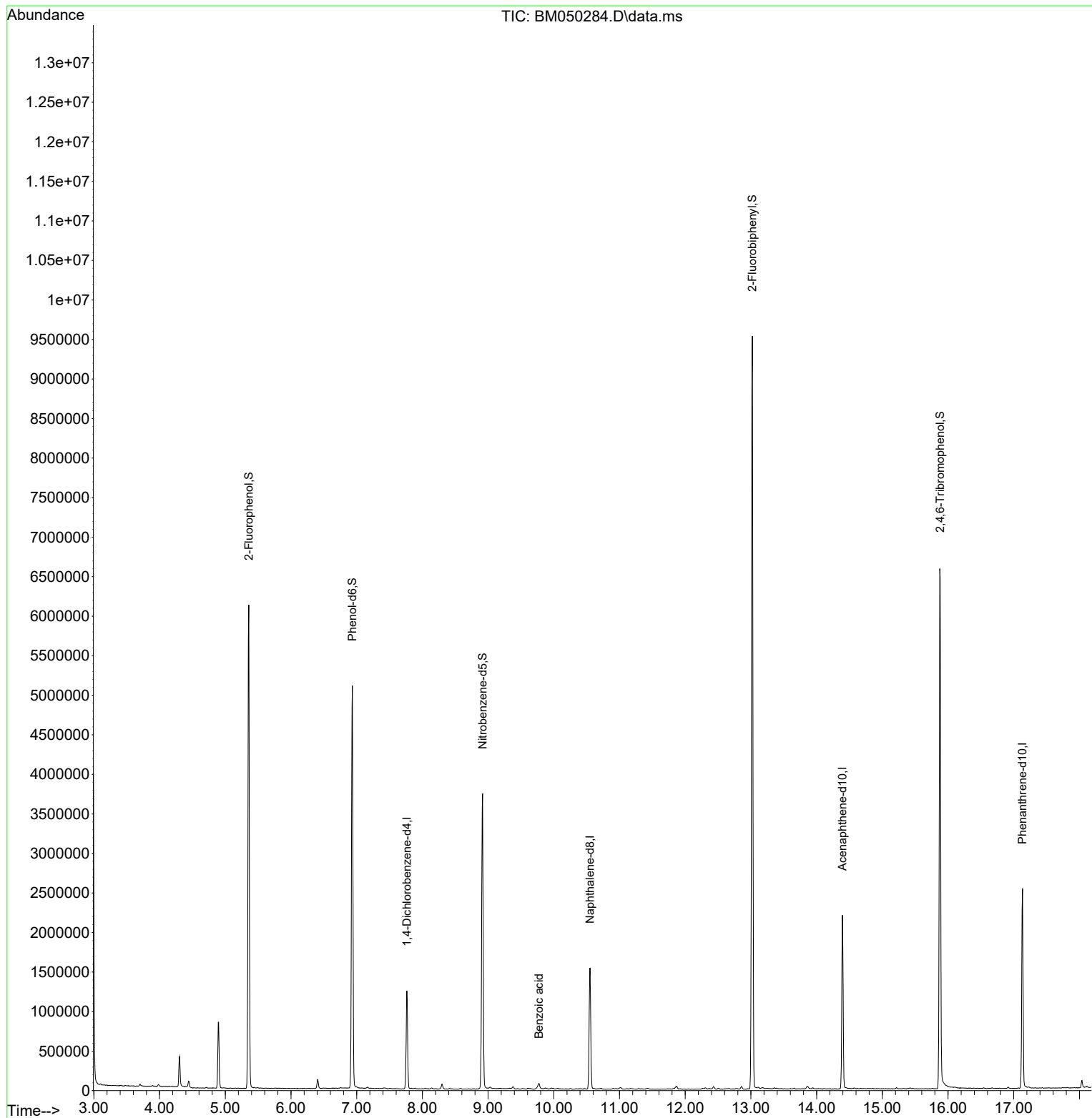
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	342435	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1297099	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	723910	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1414148	20.000	ng	0.00
76) Chrysene-d12	21.356	240	1483946	20.000	ng	-0.02
86) Perylene-d12	24.333	264	828685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2893731	140.966	ng	0.00
7) Phenol-d6	6.934	99	3268812	120.964	ng	0.00
23) Nitrobenzene-d5	8.916	82	2361569	94.689	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1285779	156.156	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4908961	91.807	ng	0.00
79) Terphenyl-d14	19.762	244	5362171	68.476	ng	0.00
Target Compounds						
32) Benzoic acid	9.775	122	35952	2.844	ng	Qvalue 94

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

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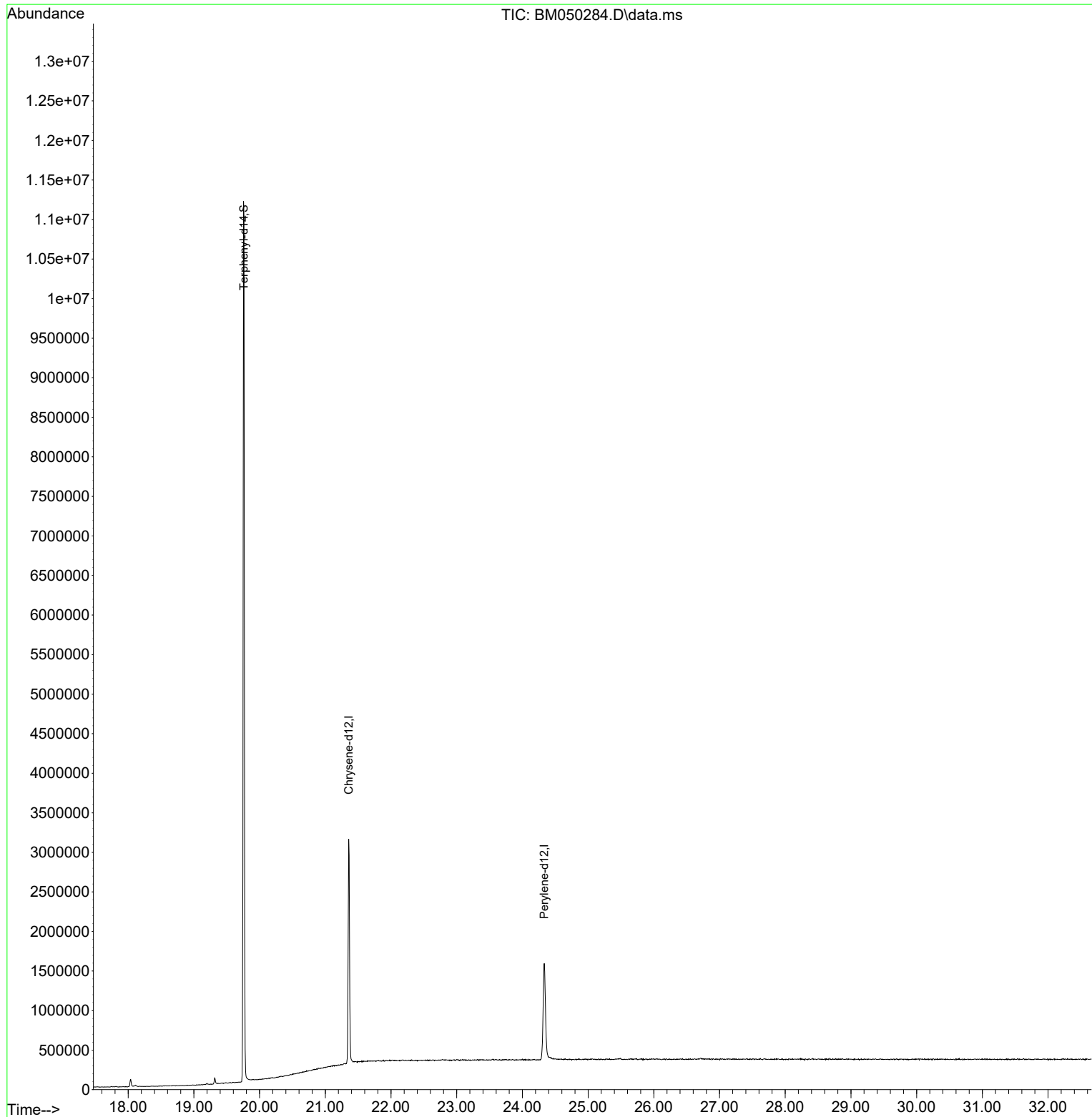
Quant Time: Jun 12 02:56:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

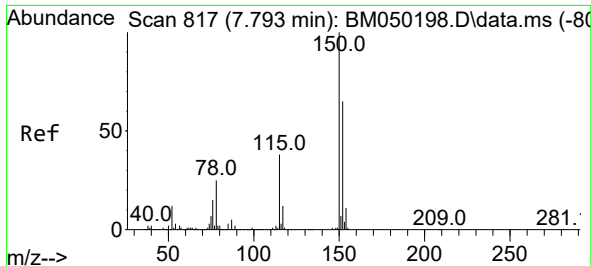


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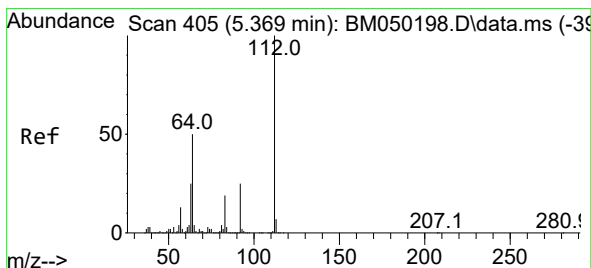
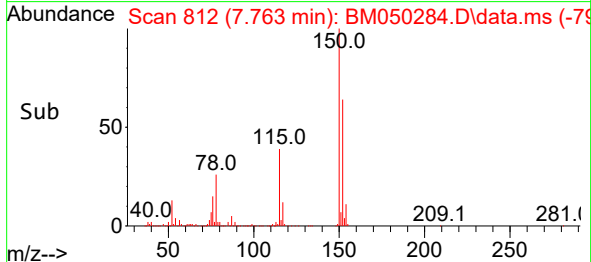
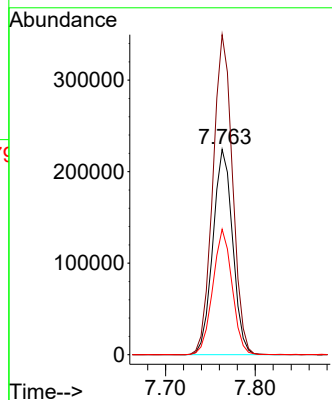
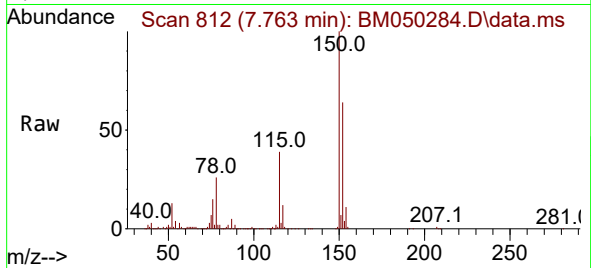




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

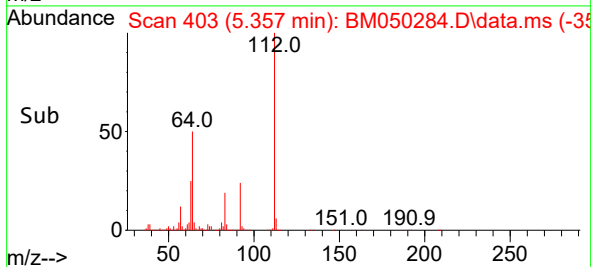
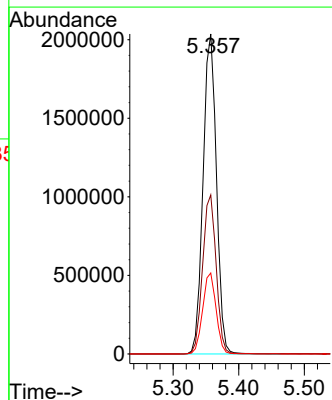
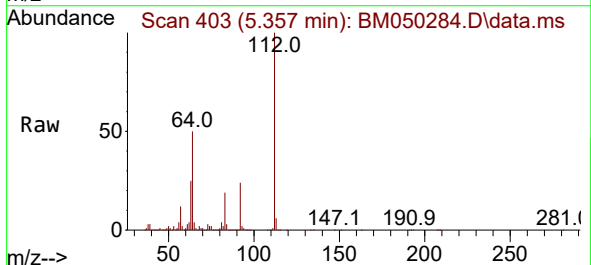
Instrument :
BNA_M
ClientSampleId :

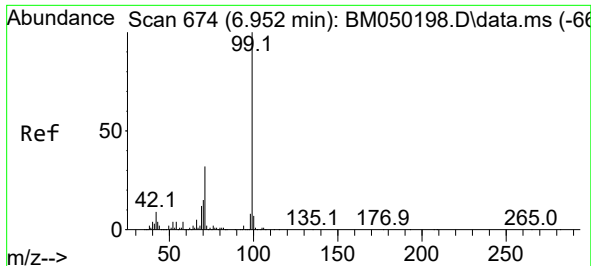
Tgt Ion:152 Resp: 342435
Ion Ratio Lower Upper
152 100
150 155.8 122.2 183.4
115 61.1 46.3 69.5



#5
2-Fluorophenol
Concen: 140.966 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:112 Resp: 2893731
Ion Ratio Lower Upper
112 100
64 49.7 39.8 59.6
63 25.3 19.8 29.8

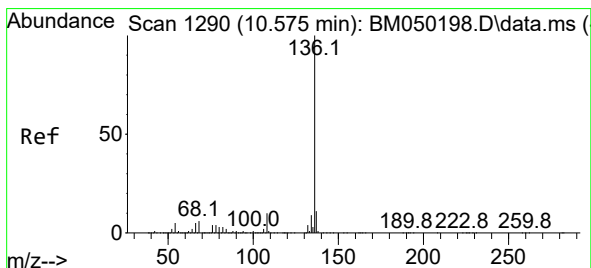
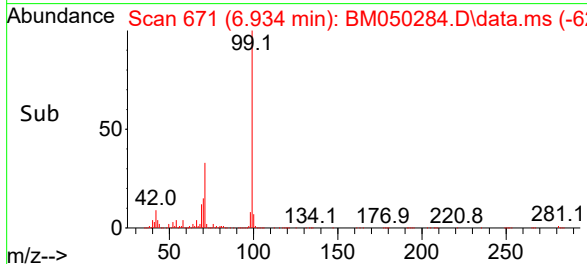
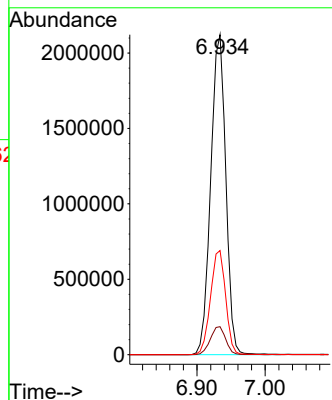
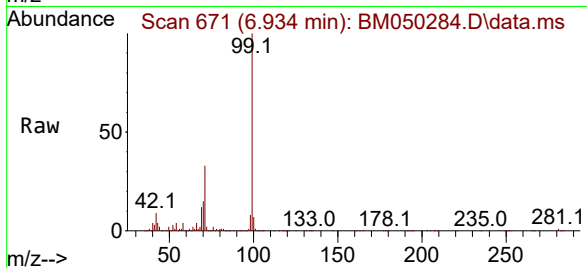




#7
Phenol-d6
Concen: 120.964 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

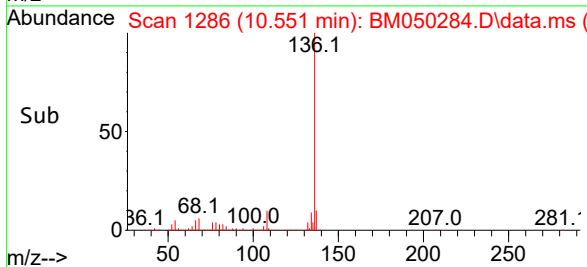
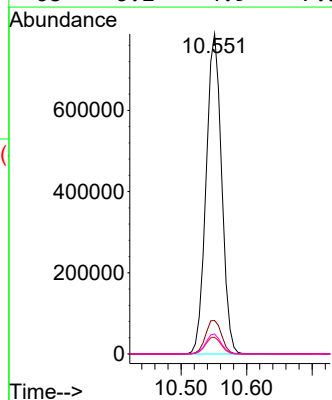
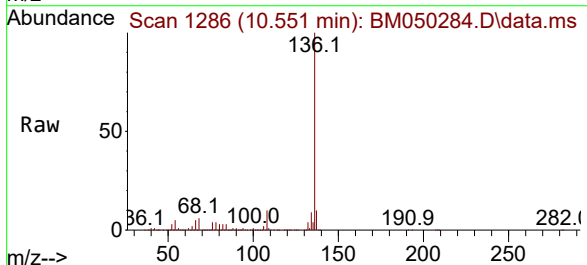
Instrument :
BNA_M
ClientSampleId :

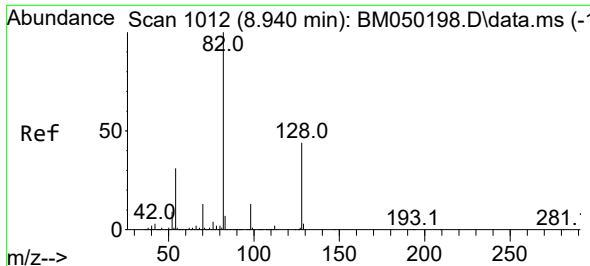
Tgt Ion: 99 Resp: 3268812
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion: 136 Resp: 1297099
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 5.2 3.8 5.8
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.689 ng

RT: 8.916 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BM050284.D

Acq: 11 Jun 2025 21:21

Instrument :

BNA_M

ClientSampleId :

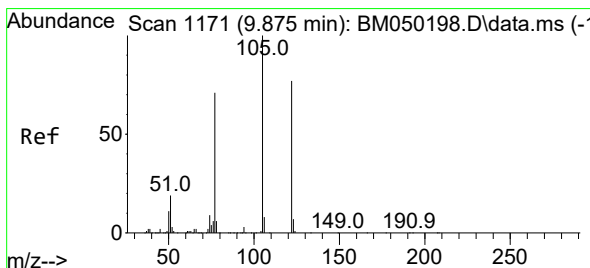
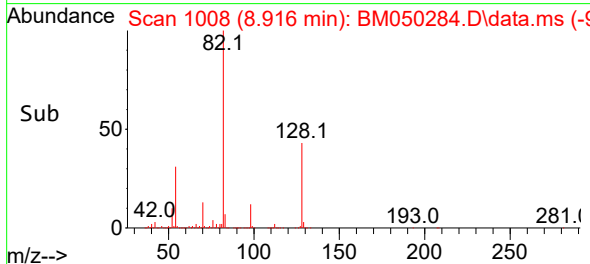
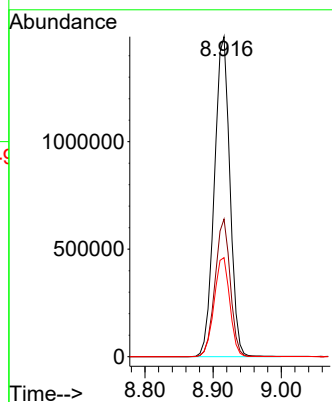
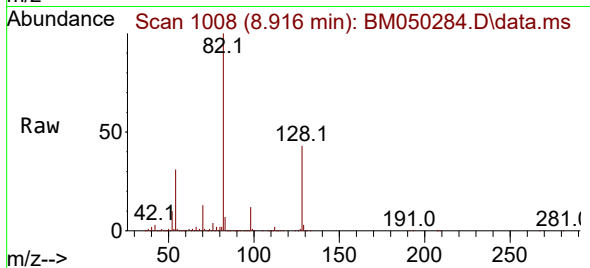
Tgt Ion: 82 Resp: 2361569

Ion Ratio Lower Upper

82 100

128 43.0 35.2 52.8

54 31.0 24.5 36.7



#32

Benzoic acid

Concen: 2.844 ng

RT: 9.775 min Scan# 1154

Delta R.T. -0.071 min

Lab File: BM050284.D

Acq: 11 Jun 2025 21:21

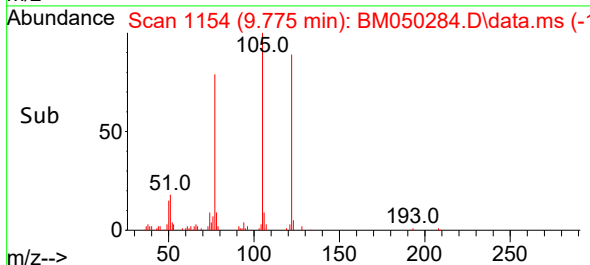
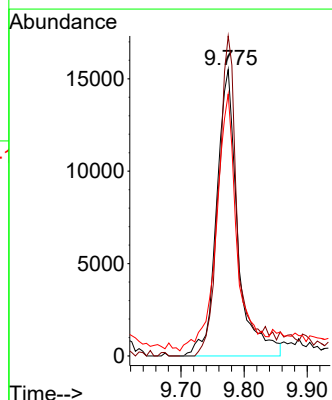
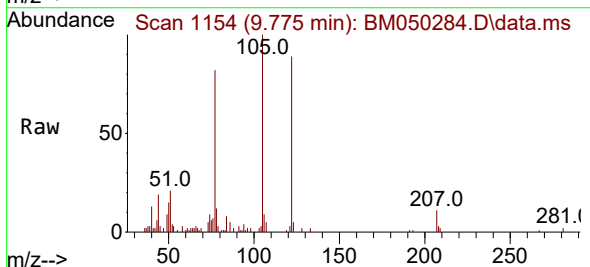
Tgt Ion: 122 Resp: 35952

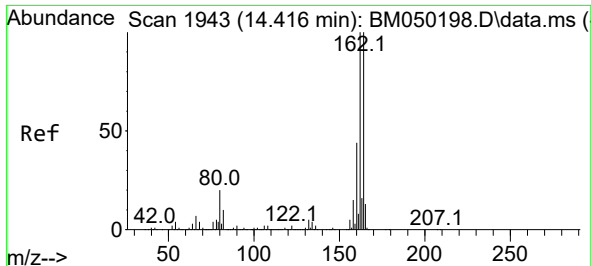
Ion Ratio Lower Upper

122 100

105 111.7 103.4 143.4

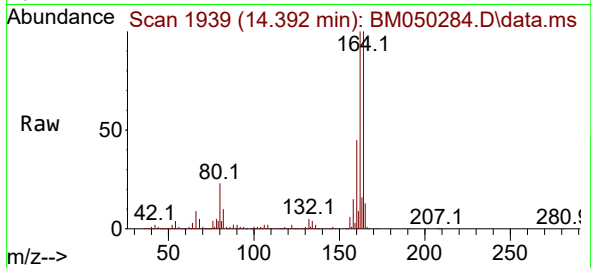
77 91.5 70.3 110.3



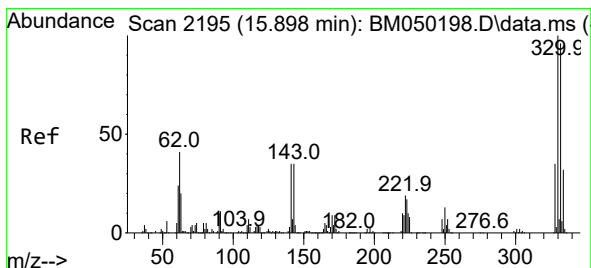
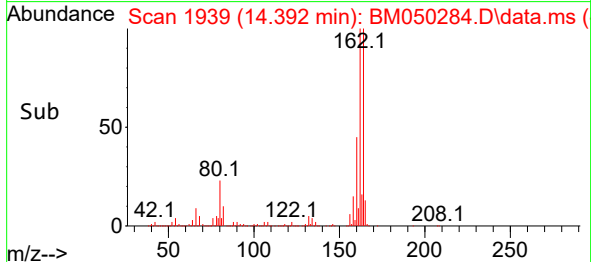
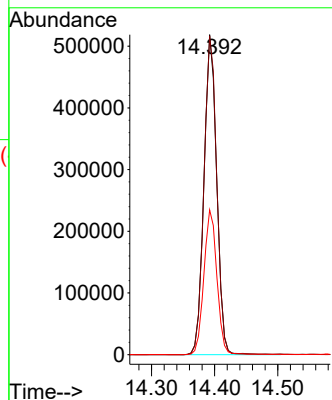


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Instrument :
BNA_M
ClientSampleId :

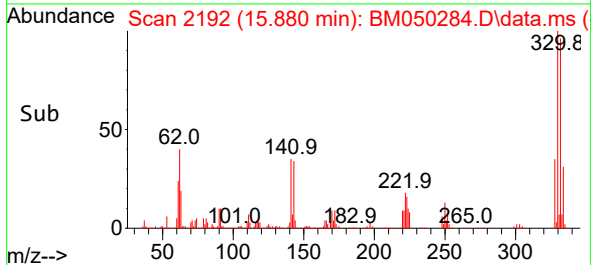
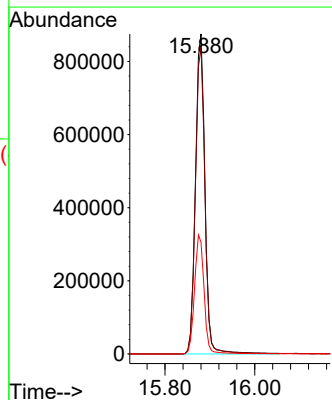
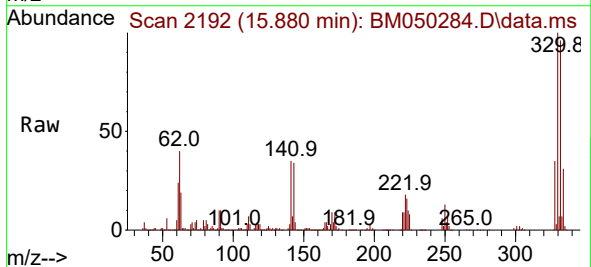


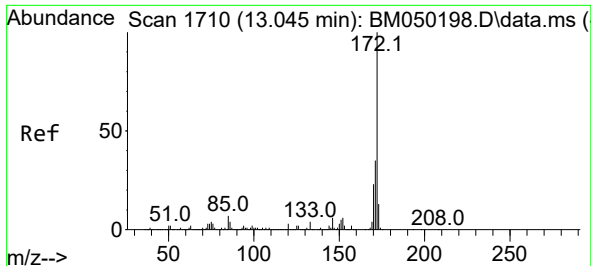
Tgt Ion:164 Resp: 723910
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.4
160 45.3 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 156.156 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:330 Resp: 1285779
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 37.7 28.8 43.2

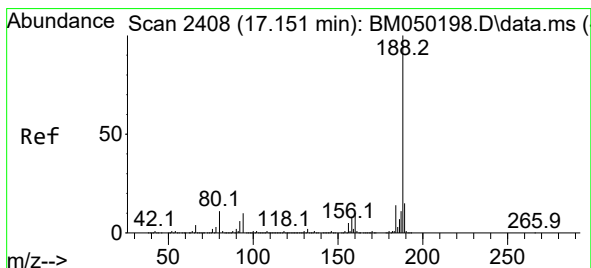
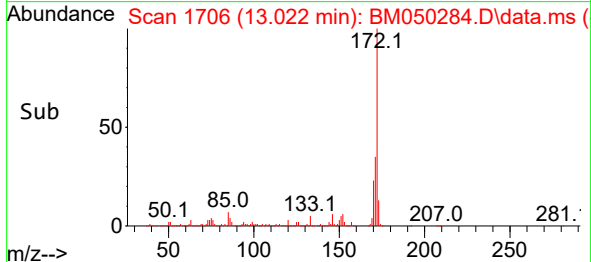
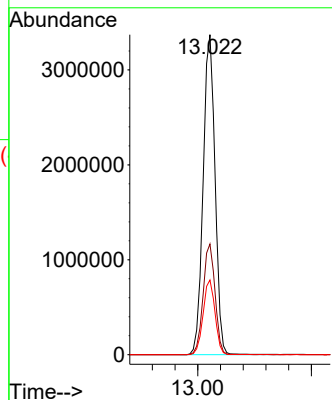
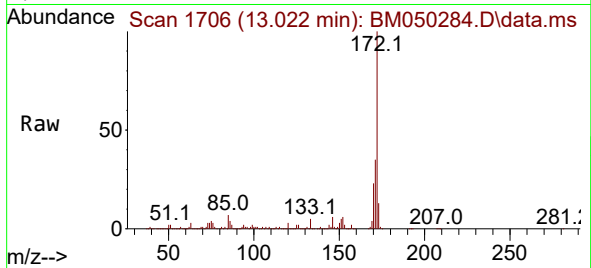




#45
2-Fluorobiphenyl
Concen: 91.807 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

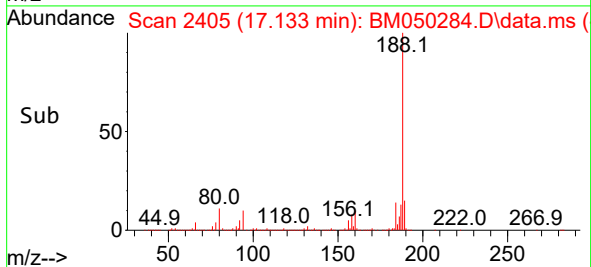
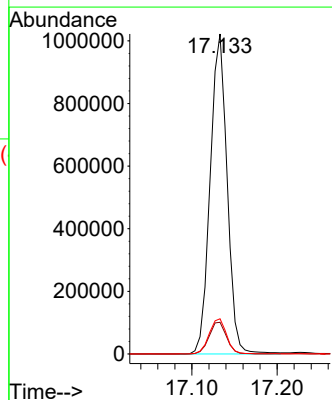
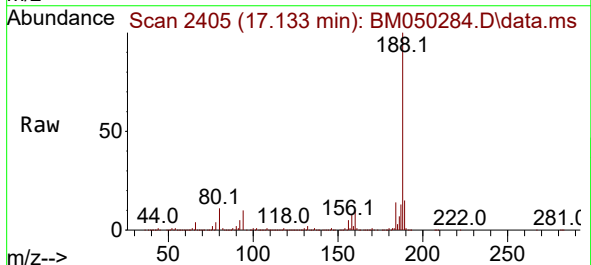
Instrument :
BNA_M
ClientSampleId :

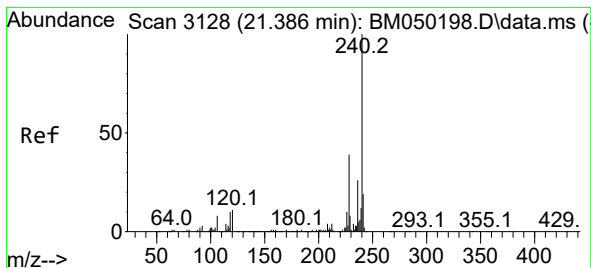
Tgt Ion:172 Resp: 4908961
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Tgt Ion:188 Resp: 1414148
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 11.0 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 31

Delta R.T. -0.018 min

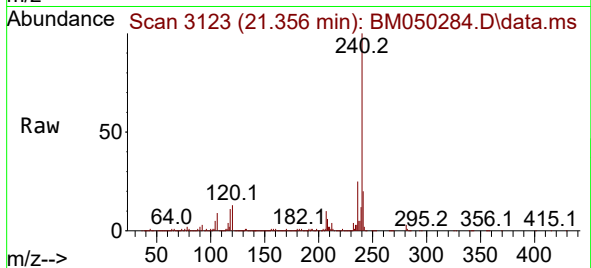
Lab File: BM050284.D

Acq: 11 Jun 2025 21:21

Instrument :

BNA_M

ClientSampleId :



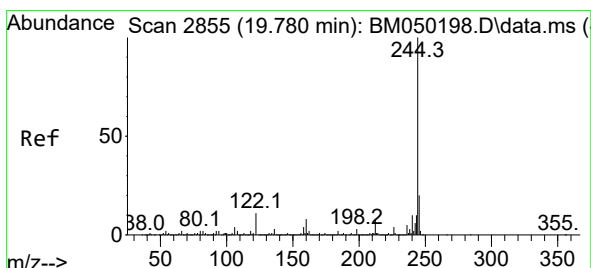
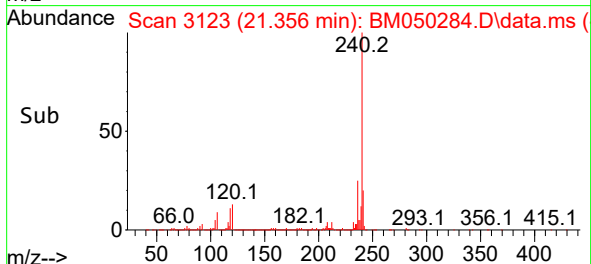
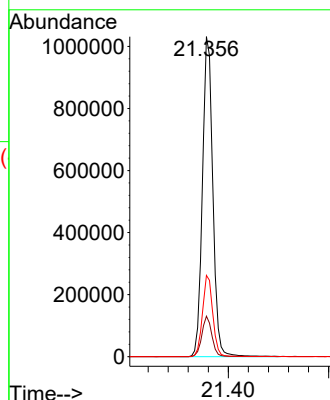
Tgt Ion:240 Resp: 1483946

Ion Ratio Lower Upper

240 100

120 12.7 9.0 13.4

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 68.476 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050284.D

Acq: 11 Jun 2025 21:21

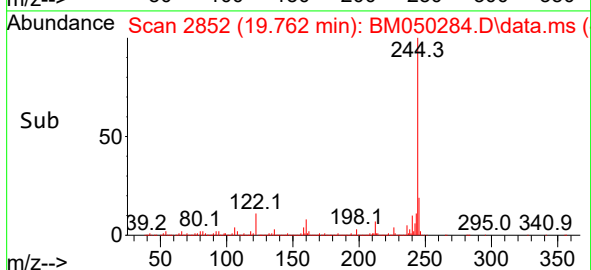
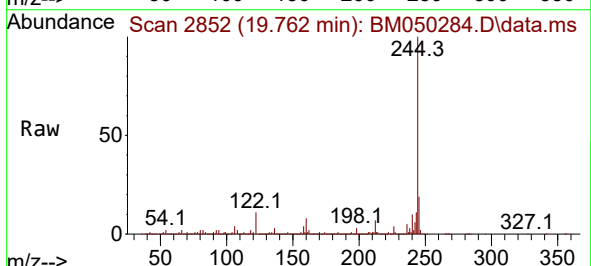
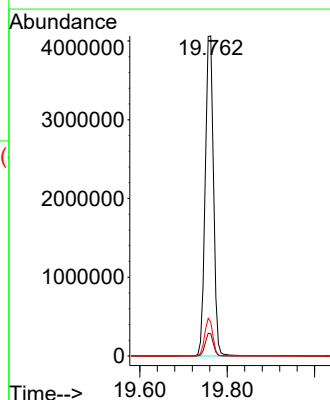
Tgt Ion:244 Resp: 5362171

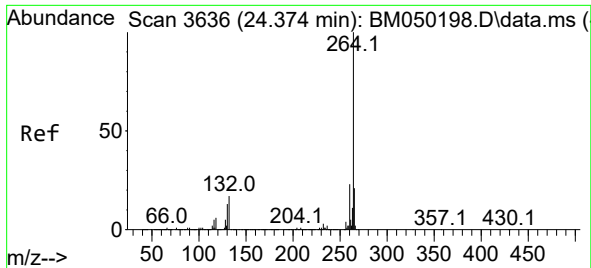
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

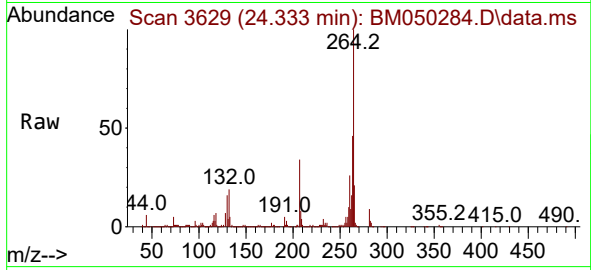
122 10.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.333 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM050284.D
Acq: 11 Jun 2025 21:21

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:264 Resp: 828685

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	28.0
265	20.7	16.8	25.2

