

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050230.D
 Acq On : 07 Jun 2025 02:01
 Operator : RC/JU
 Sample : Q2198-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-207-SB02

Quant Time: Jun 07 03:28:35 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)

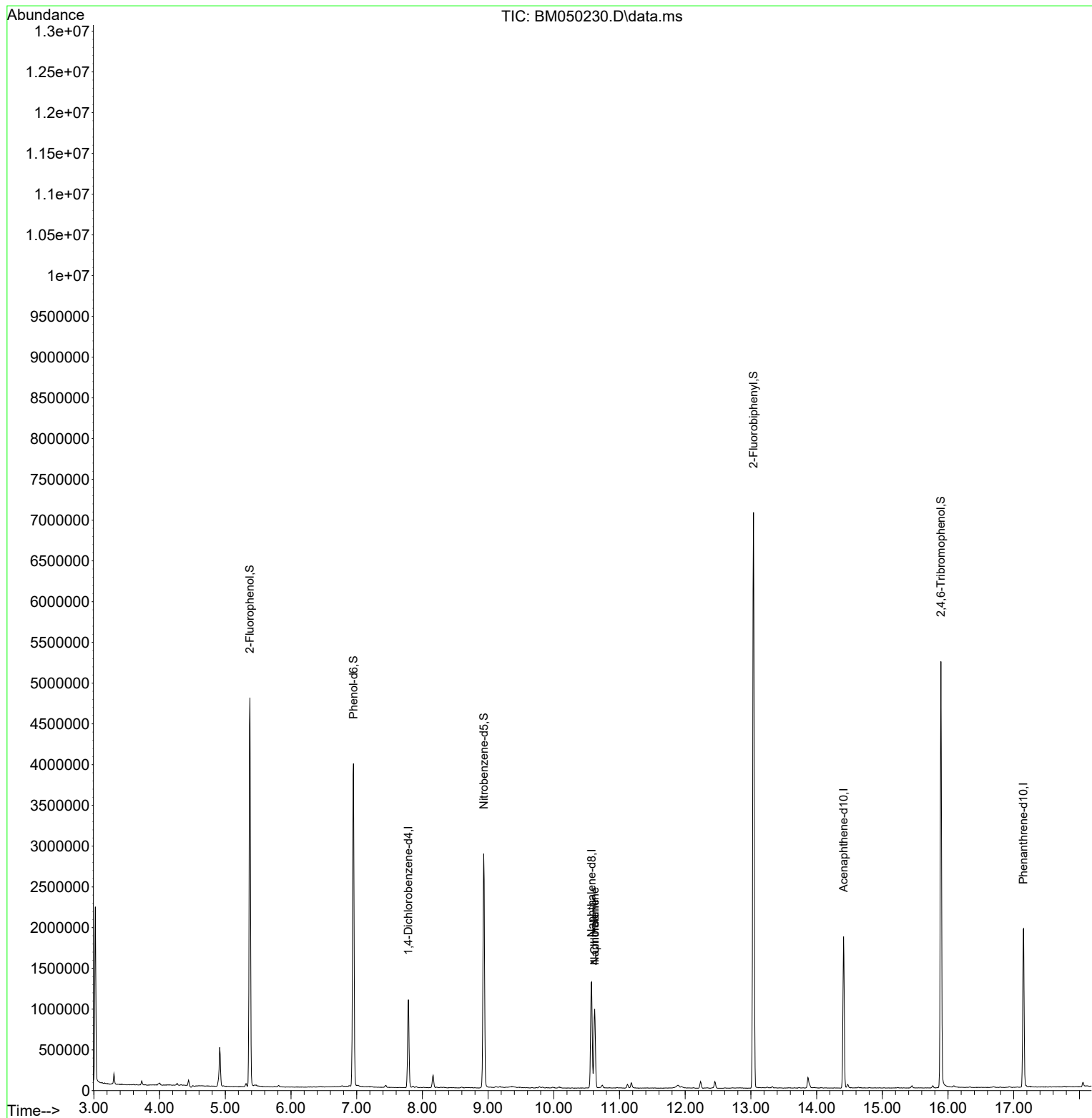
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	299355	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1125867	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	622474	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1119241	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1048287	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1143100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2234637	124.524	ng	0.00
7) Phenol-d6	6.951	99	2556777	108.230	ng	0.00
23) Nitrobenzene-d5	8.934	82	1795563	82.944	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	914676	129.188	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3603780	78.380	ng	-0.01
79) Terphenyl-d14	19.774	244	4789764	86.586	ng	-0.01
Target Compounds						
31) Naphthalene	10.622	128	803533	13.804	ng	Qvalue 100
33) 4-Chloroaniline	10.622	127	101845	4.104	ng	# 33

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

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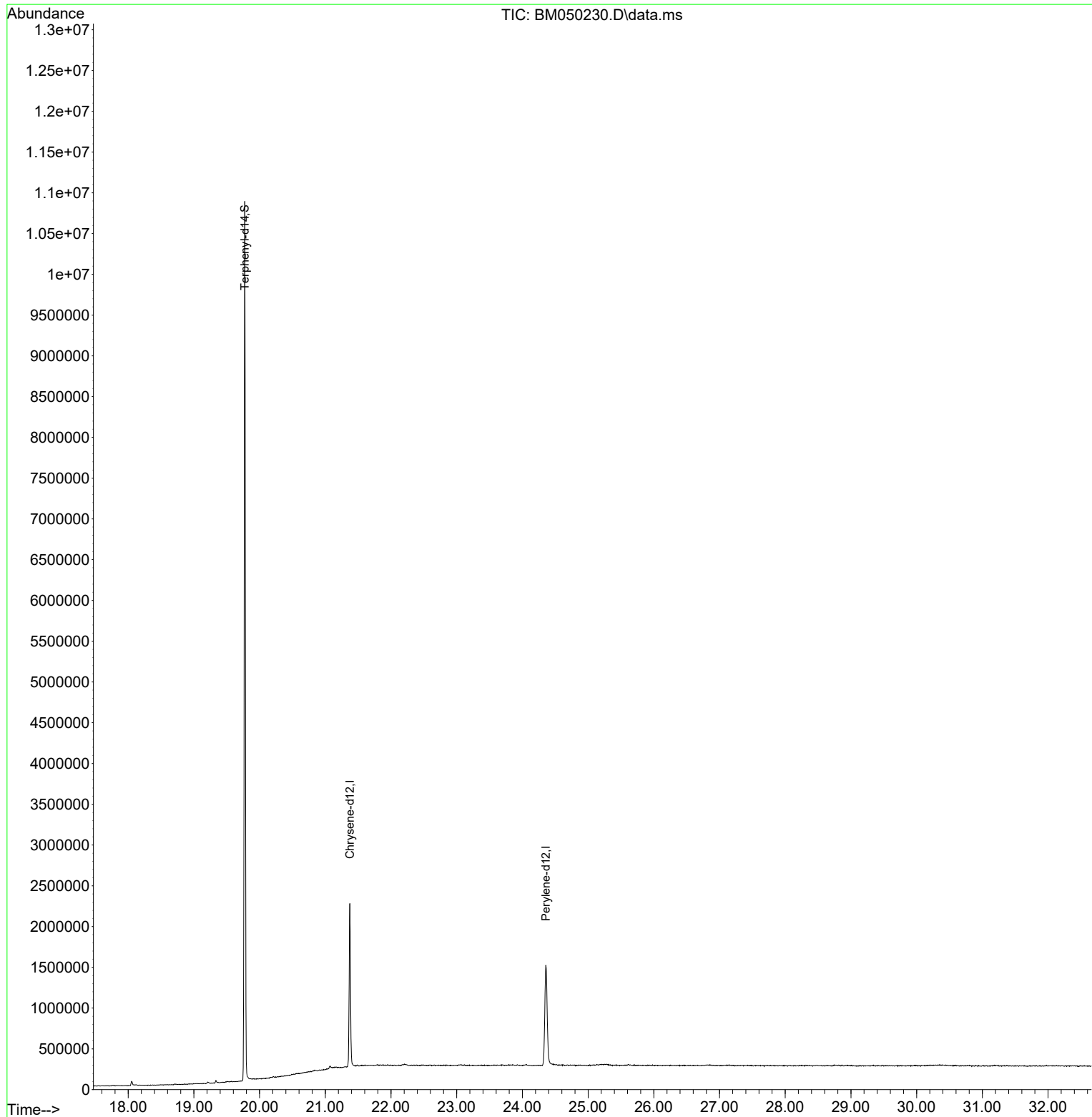
Quant Time: Jun 07 03:28:35 2025
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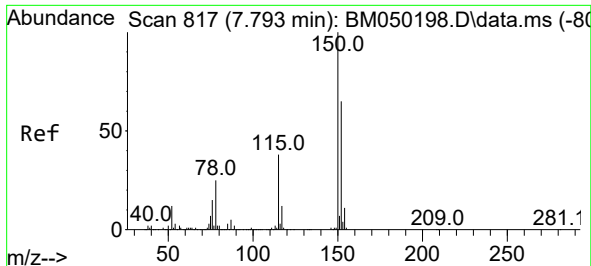


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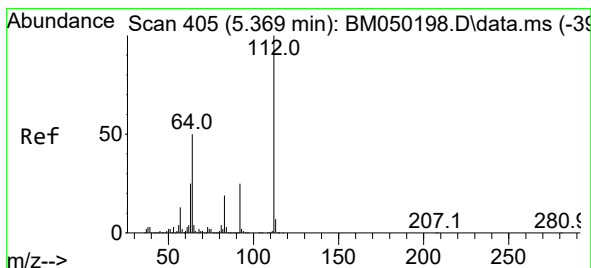
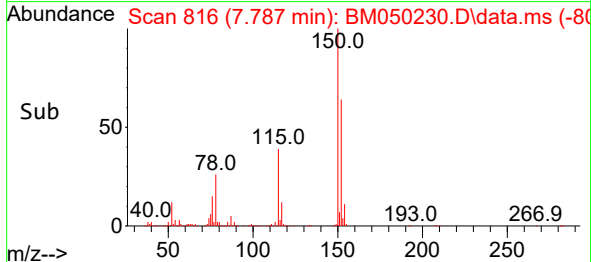
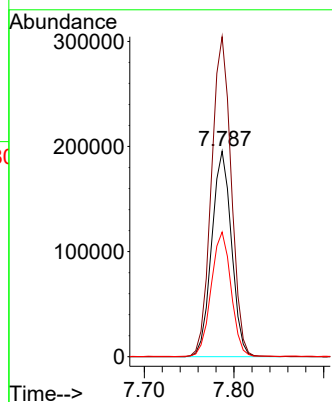
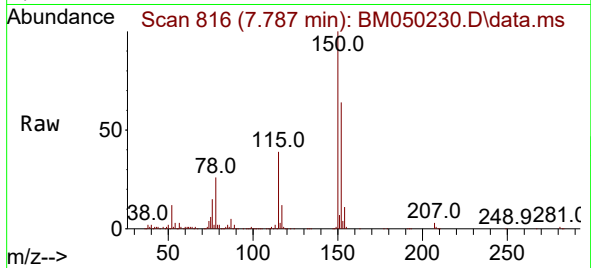




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

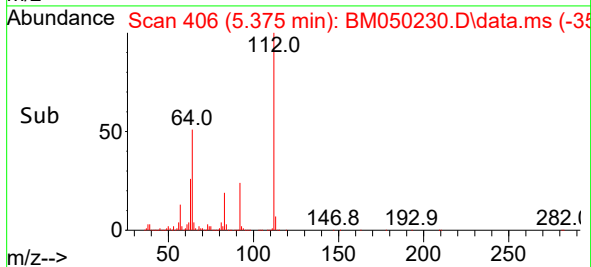
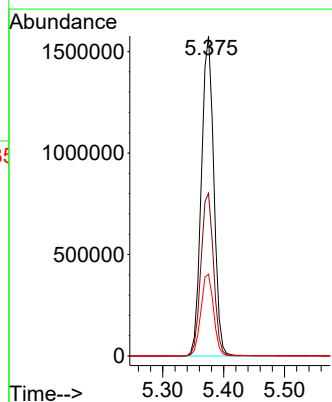
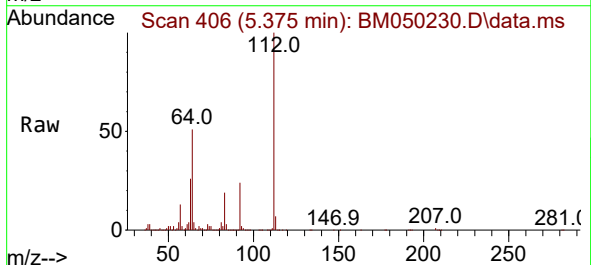
Instrument :
BNA_M
ClientSampleId :
B-207-SB02

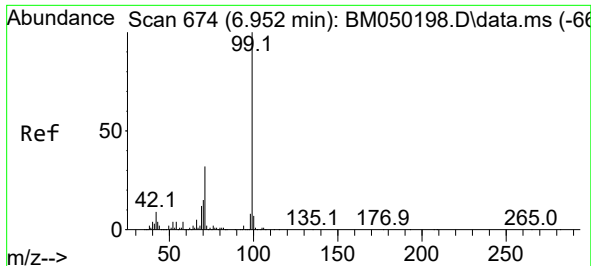
Tgt Ion:152 Resp: 299355
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.4
115 60.7 46.3 69.5



#5
2-Fluorophenol
Concen: 124.524 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:112 Resp: 2234637
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.6
63 25.5 19.8 29.8

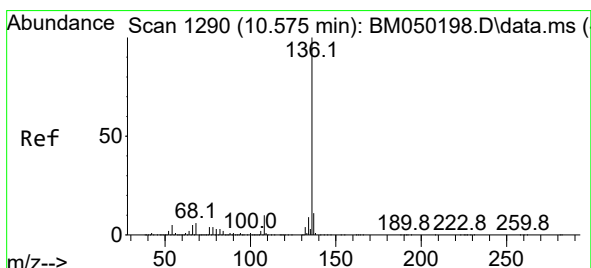
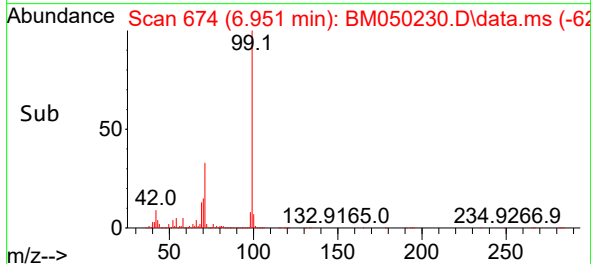
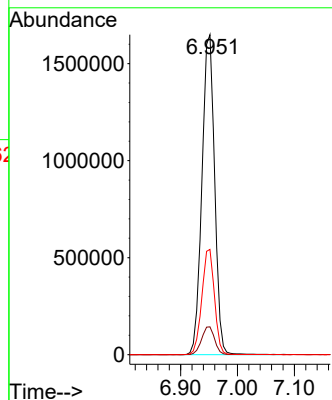
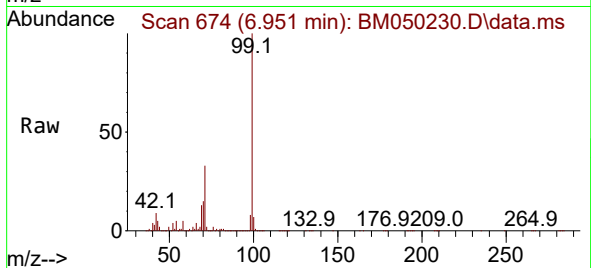




#7
Phenol-d6
Concen: 108.230 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

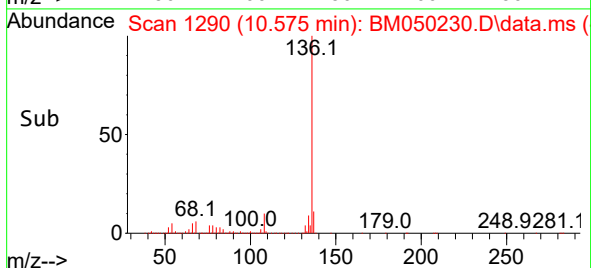
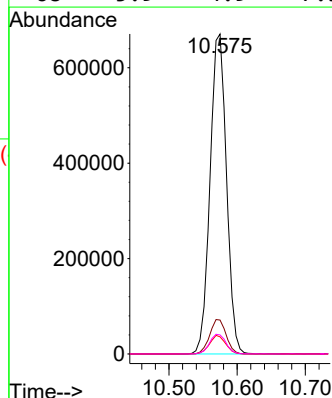
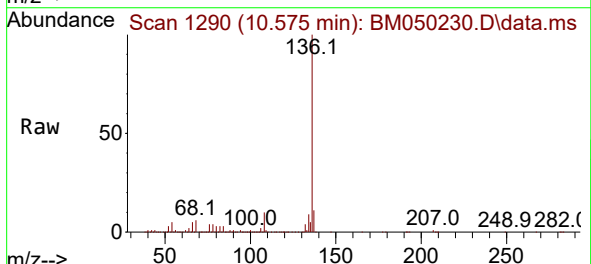
Instrument :
BNA_M
ClientSampleId :
B-207-SB02

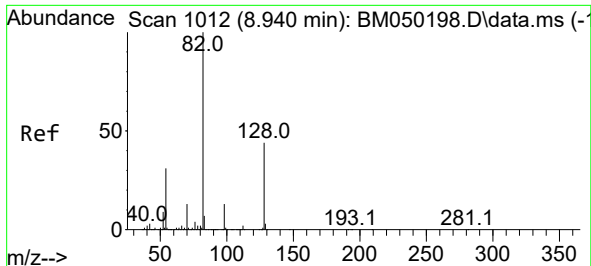
Tgt Ion: 99 Resp: 2556777
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 32.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion: 136 Resp: 1125867
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.3 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.944 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050230.D

Acq: 07 Jun 2025 02:01

Instrument :

BNA_M

ClientSampleId :

B-207-SB02

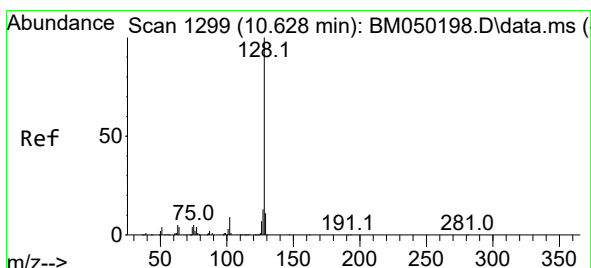
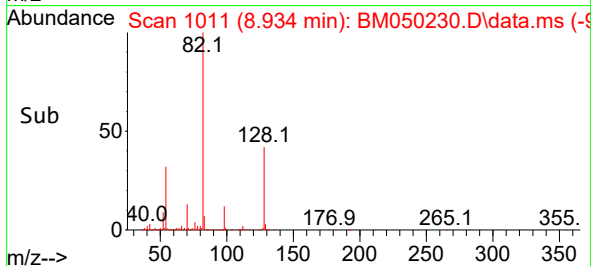
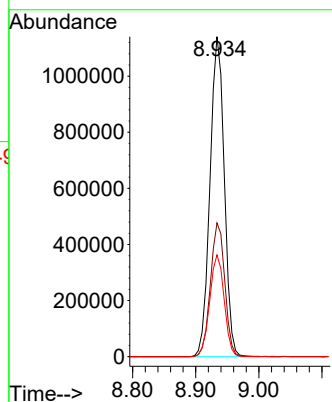
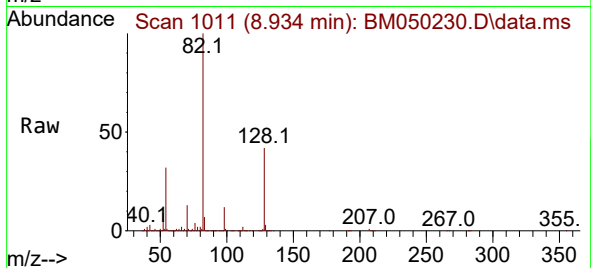
Tgt Ion: 82 Resp: 1795563

Ion Ratio Lower Upper

82 100

128 41.8 35.2 52.8

54 31.8 24.5 36.7



#31

Naphthalene

Concen: 13.804 ng

RT: 10.622 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BM050230.D

Acq: 07 Jun 2025 02:01

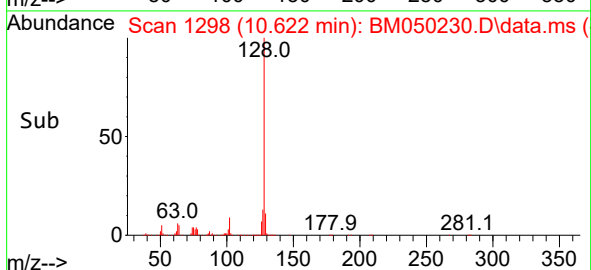
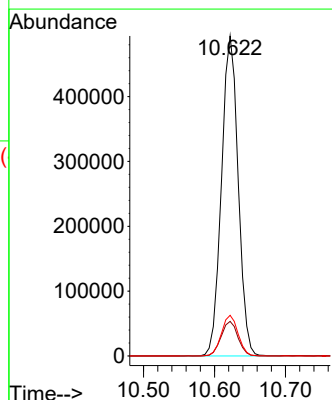
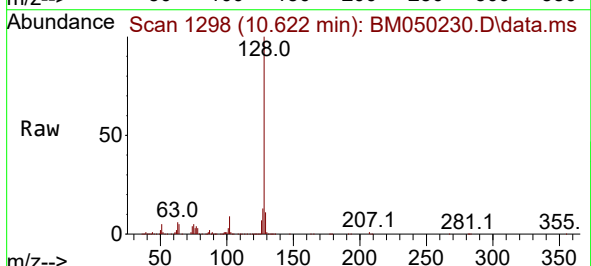
Tgt Ion:128 Resp: 803533

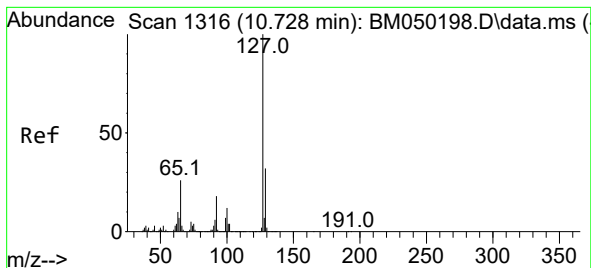
Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.7 10.2 15.4

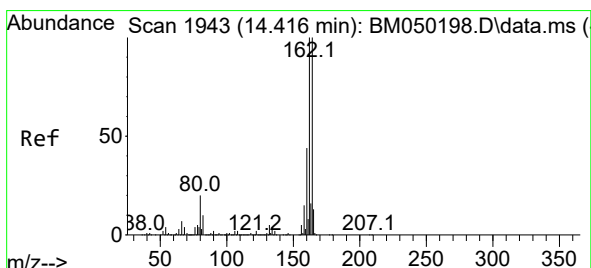
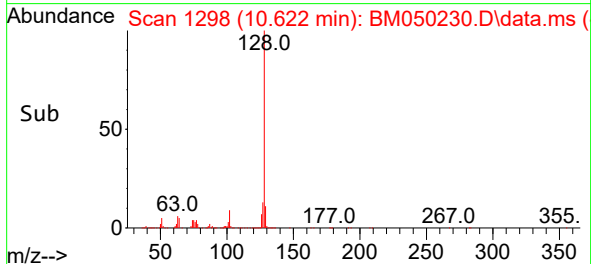
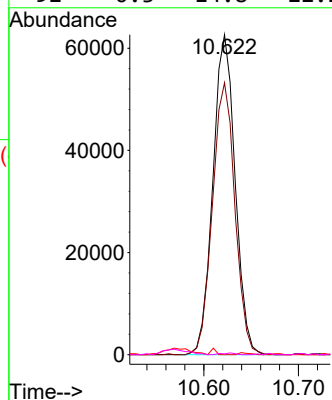
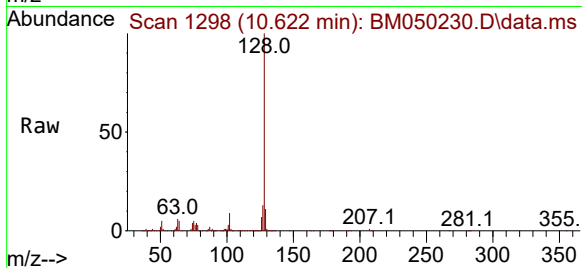




#33
4-Chloroaniline
Concen: 4.104 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.112 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

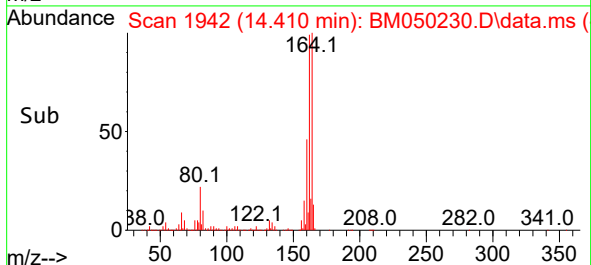
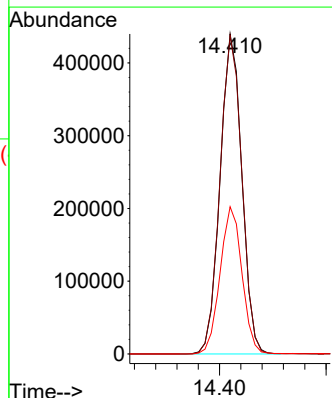
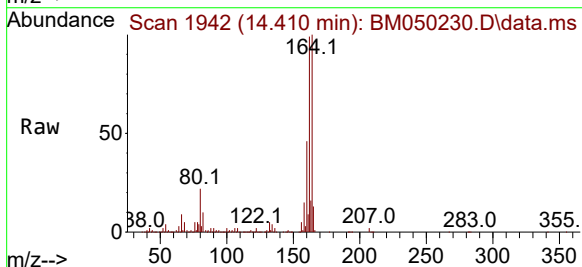
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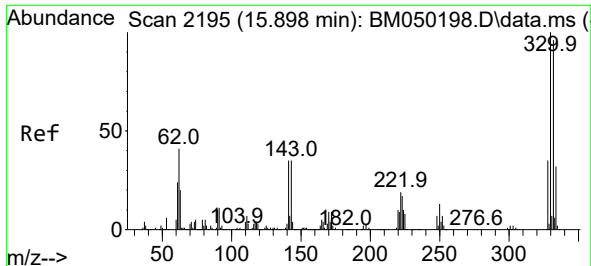
Tgt Ion:127 Resp: 101845
Ion Ratio Lower Upper
127 100
129 85.0 25.4 38.0#
65 0.0 21.0 31.4#
92 0.3 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:164 Resp: 622474
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.4
160 46.0 35.7 53.5

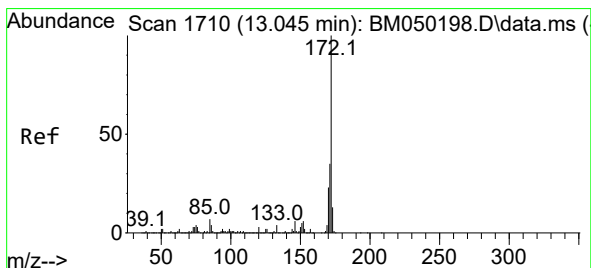
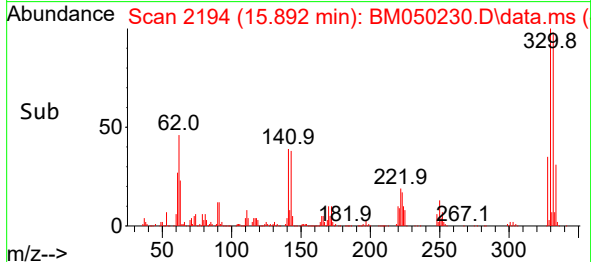
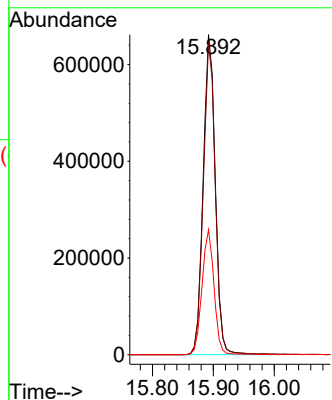
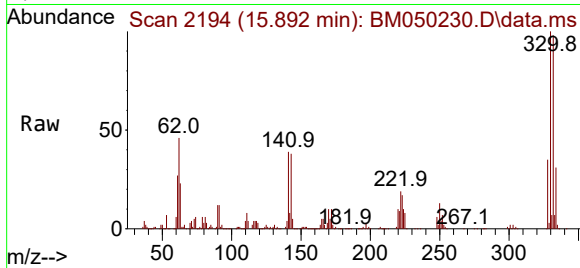




#42
2,4,6-Tribromophenol
Concen: 129.188 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

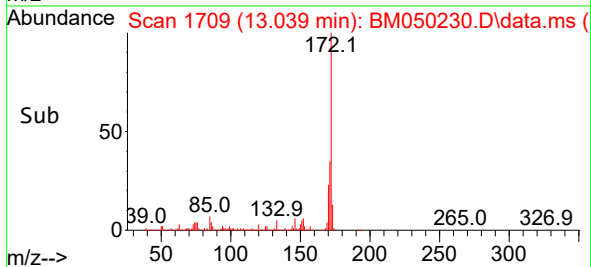
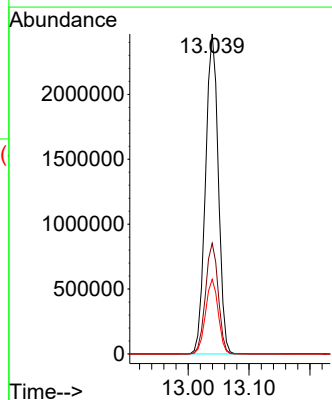
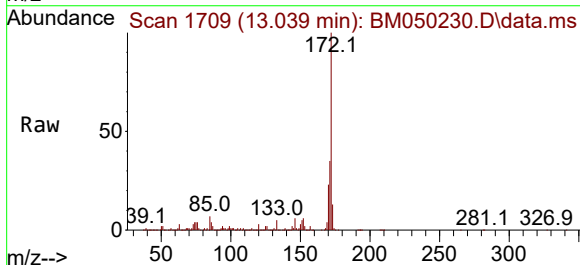
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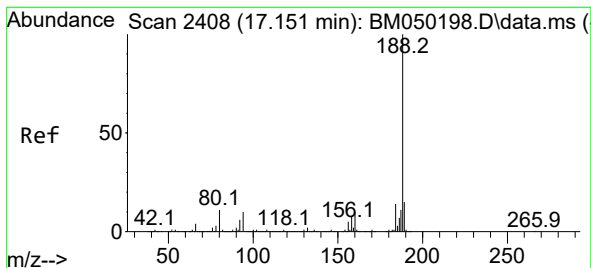
Tgt Ion:330 Resp: 914676
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 38.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.380 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:172 Resp: 3603780
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8

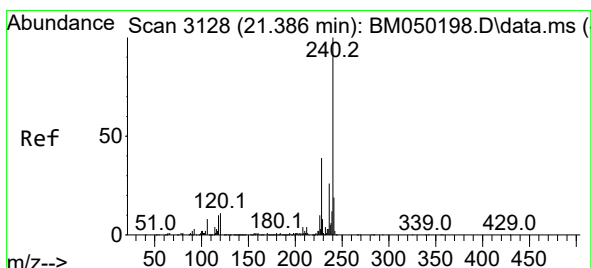
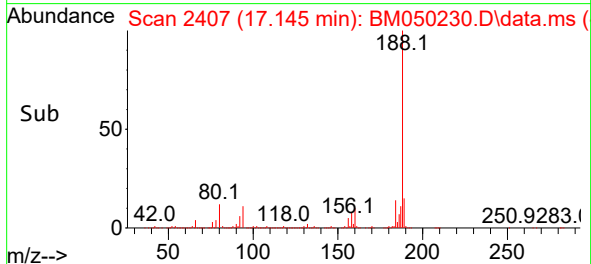
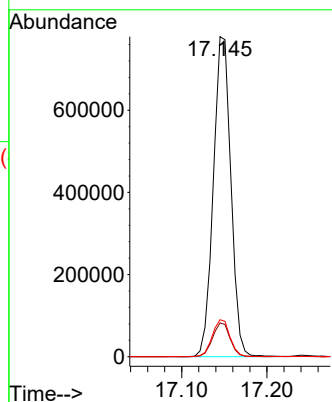
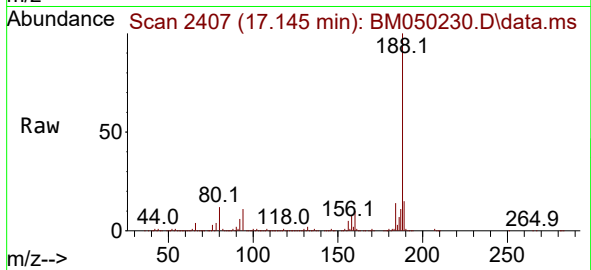




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

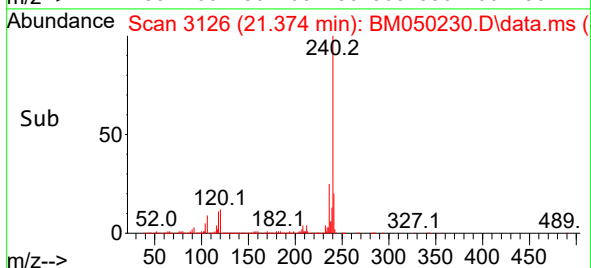
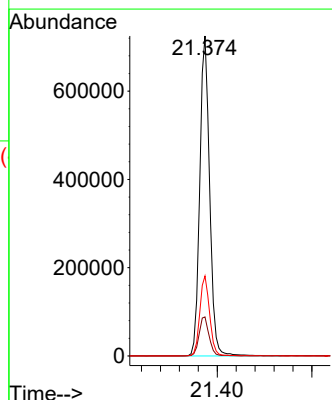
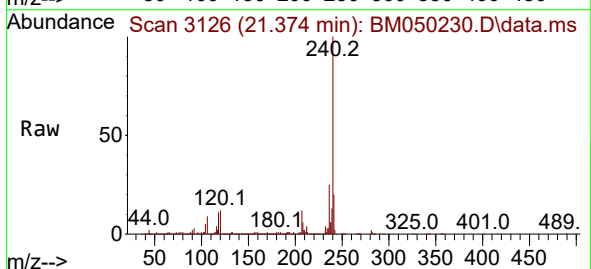
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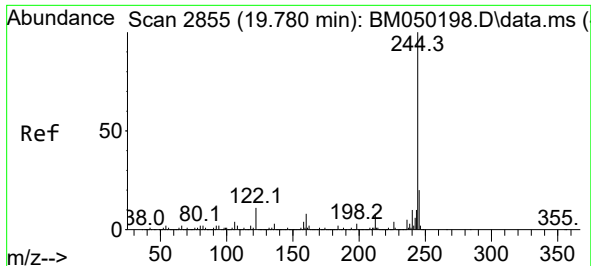
Tgt Ion:188 Resp: 1119241
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:240 Resp: 1048287
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 25.0 20.7 31.1

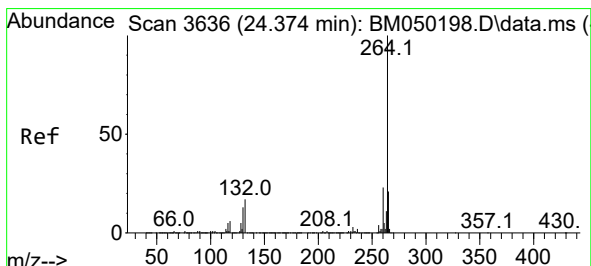
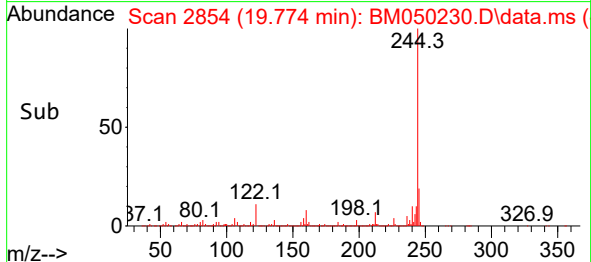
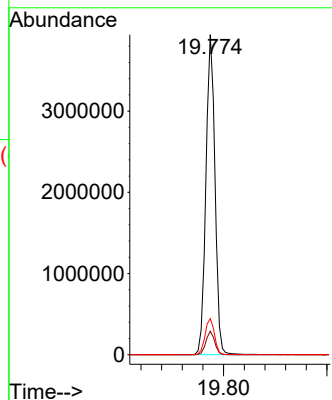
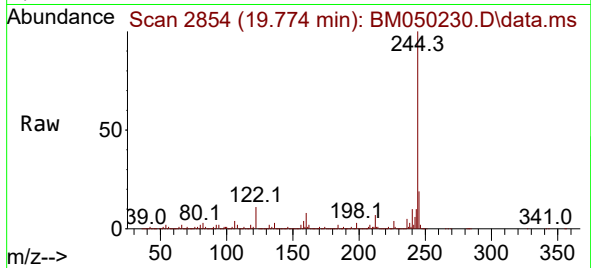




#79
 Terphenyl-d14
 Concen: 86.586 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050230.D
 Acq: 07 Jun 2025 02:01

Instrument :
 BNA_M
 ClientSampleId :
 B-207-SB02

Tgt Ion:244 Resp: 4789764
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.2 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: BM050230.D
 Acq: 07 Jun 2025 02:01

Tgt Ion:264 Resp: 1143100
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.9 16.8 25.2

