

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050426.D
 Acq On : 14 Jul 2025 14:52
 Operator : RC/JU
 Sample : PB168816BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168816BL

Quant Time: Jul 14 15:31:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

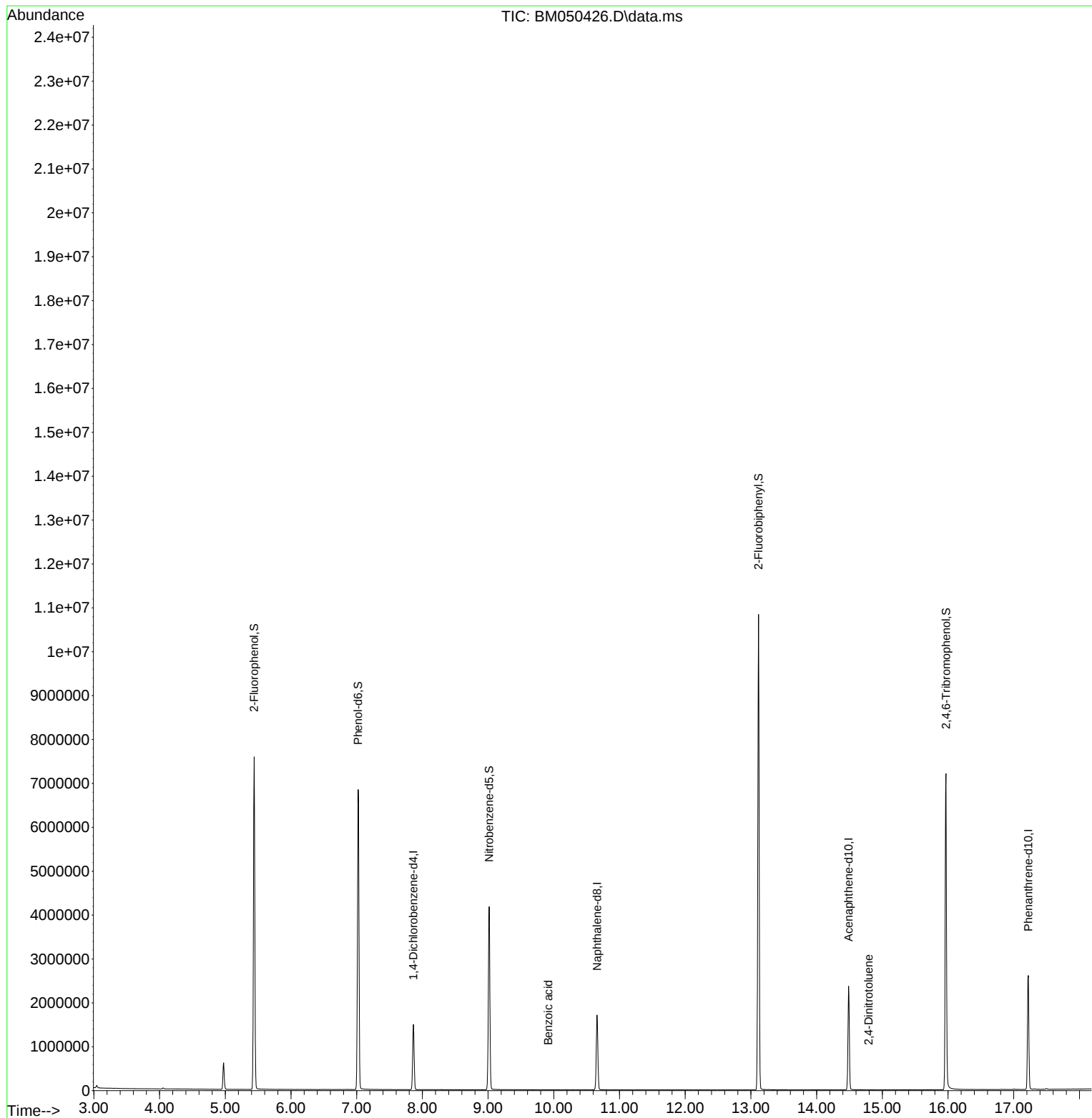
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	402471	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1401214	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	832017	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1567374	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1548385	20.000	ng	-0.02
86) Perylene-d12	24.474	264	1719709	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3132062	133.954	ng	0.00
7) Phenol-d6	7.022	99	3829067	129.909	ng	0.00
23) Nitrobenzene-d5	9.016	82	2248993	81.886	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1313426	129.925	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5540663	82.238	ng	0.00
79) Terphenyl-d14	19.833	244	8612457	97.865	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.916	122	64	5.979	ng	# 76
57) 2,4-Dinitrotoluene	14.792	165	58	2.727	ng	# 25

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

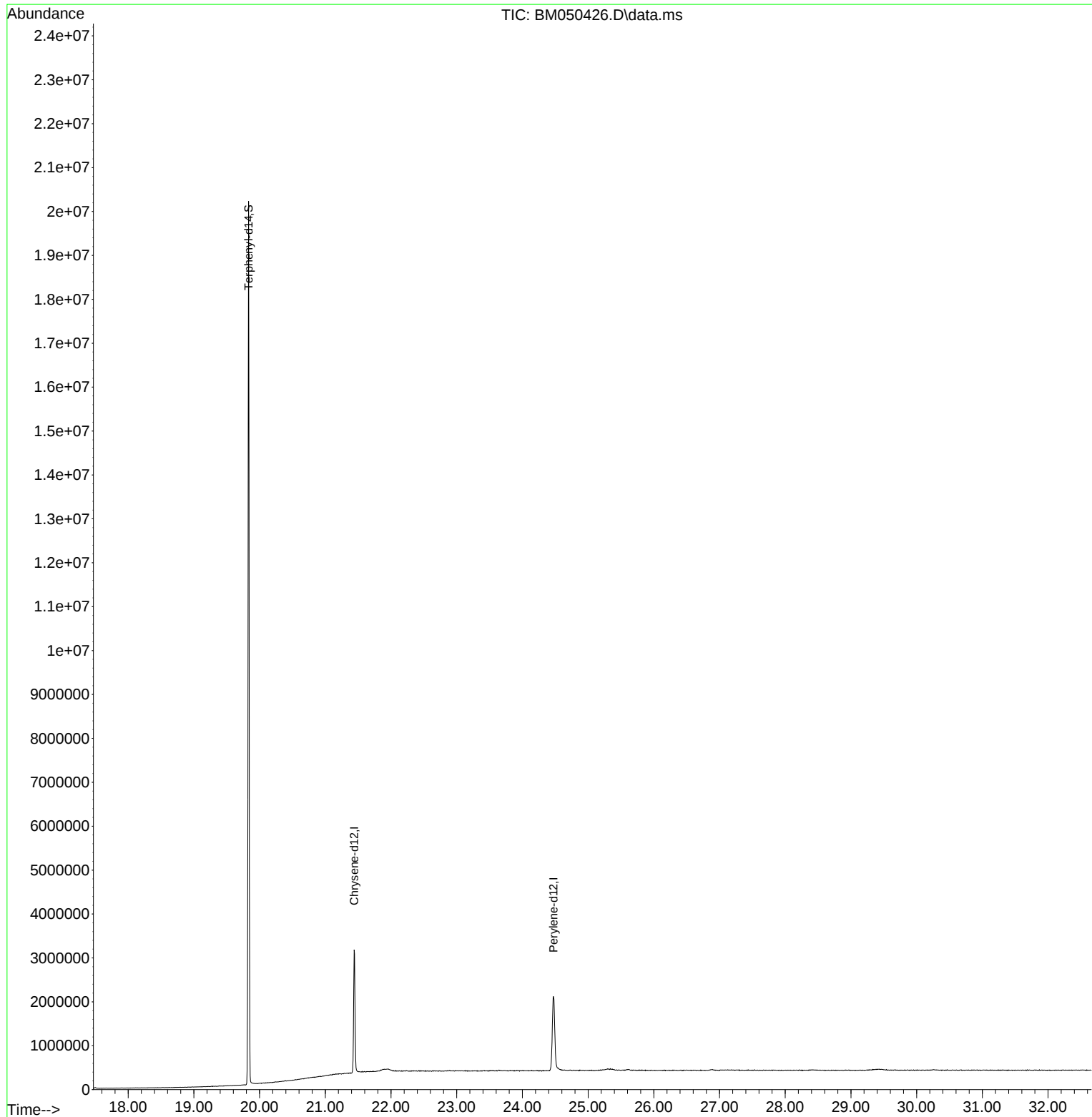
Quant Time: Jul 14 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

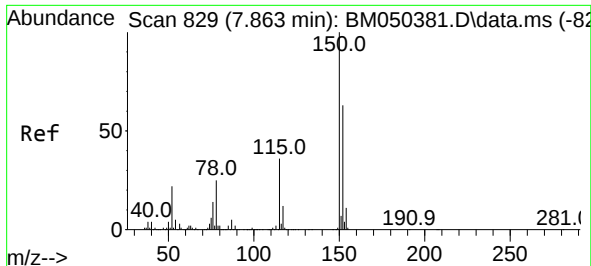


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050426.D
Acq On : 14 Jul 2025 14:52
Operator : RC/JU
Sample : PB168816BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Quant Time: Jul 14 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

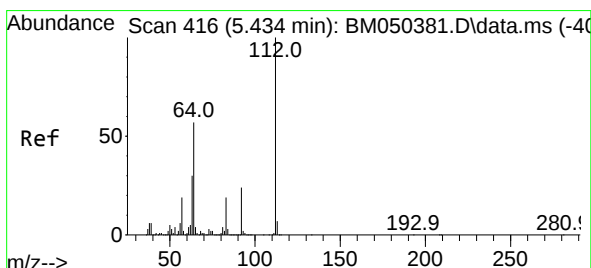
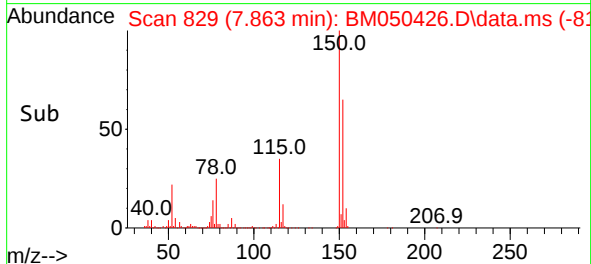
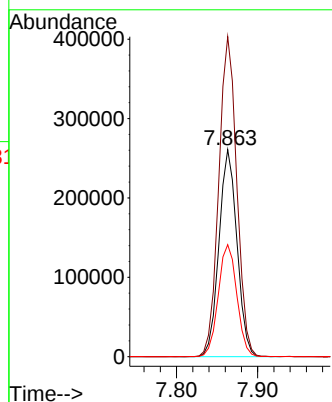
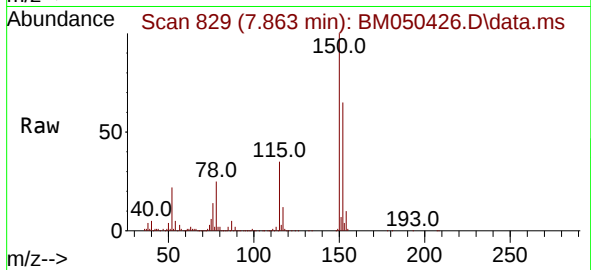




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

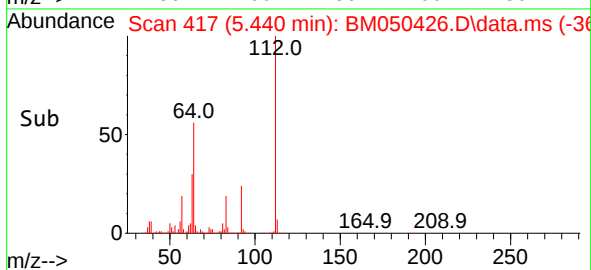
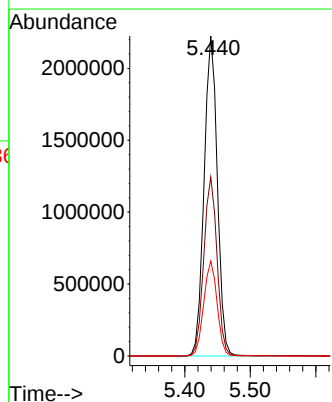
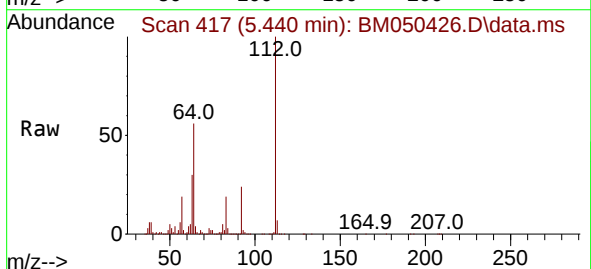
Instrument :
BNA_M
ClientSampleId :
PB168816BL

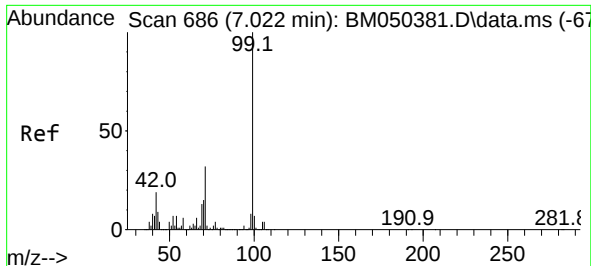
Tgt Ion:152 Resp: 402471
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.4
115 54.1 45.8 68.8



#5
2-Fluorophenol
Concen: 133.954 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:112 Resp: 3132062
Ion Ratio Lower Upper
112 100
64 55.9 45.5 68.3
63 29.6 24.2 36.4



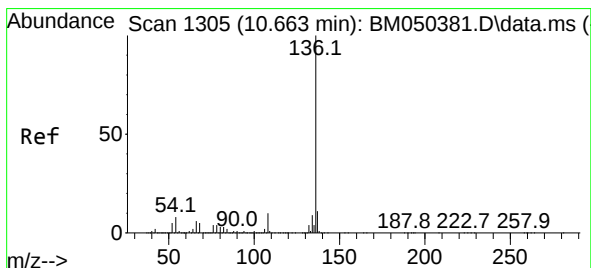
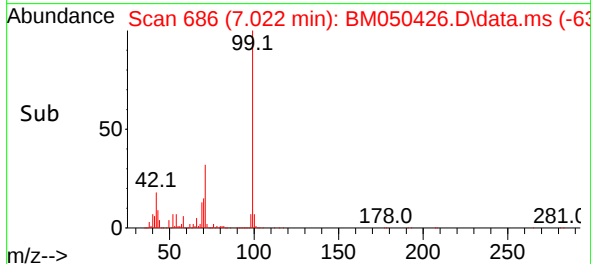
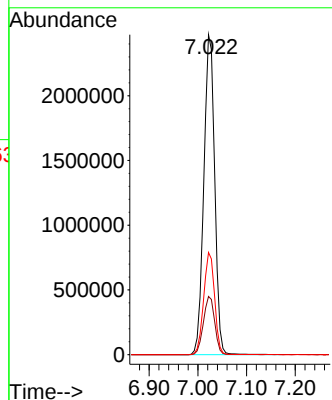
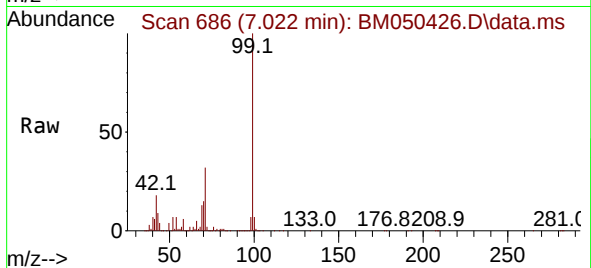


#7
Phenol-d6
Concen: 129.909 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Instrument :
BNA_M
ClientSampleId :
PB168816BL

Tgt Ion: 99 Resp: 3829067

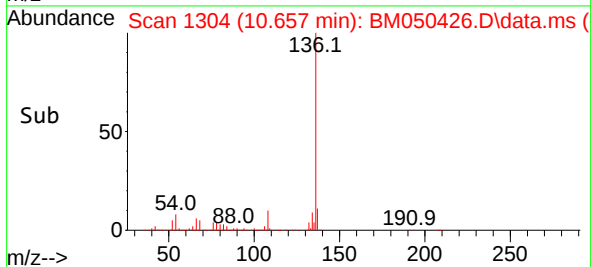
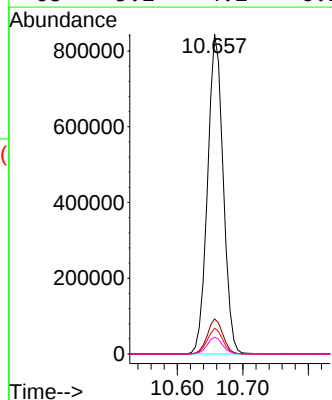
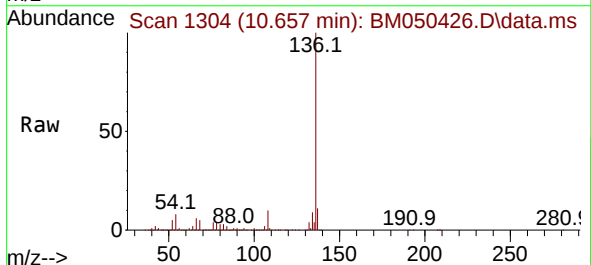
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.6
71	32.0	25.9	38.9

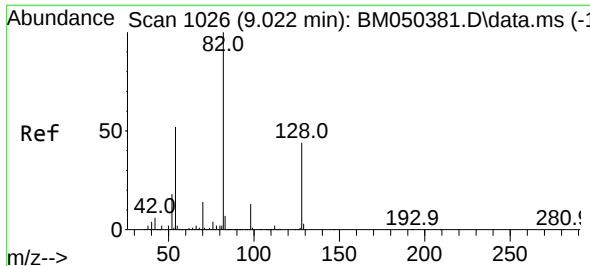


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion: 136 Resp: 1401214

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.3	9.5
68	5.2	4.2	6.2

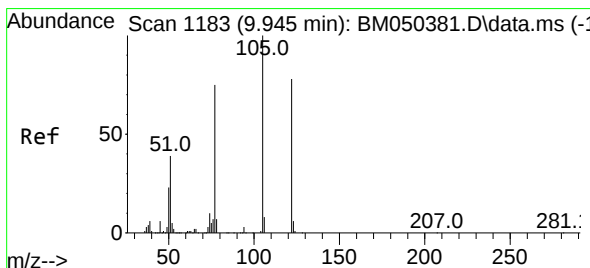
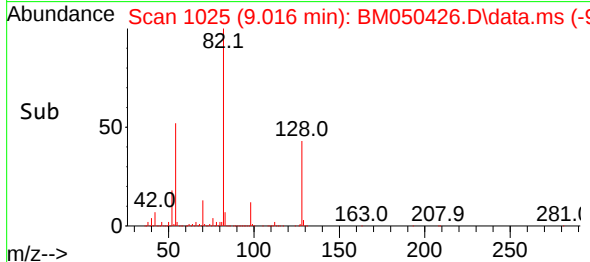
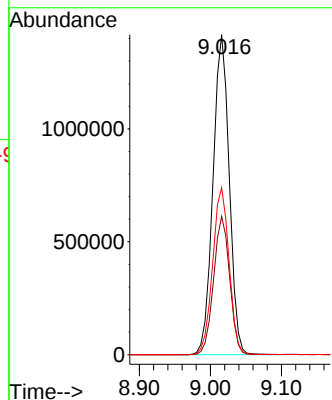
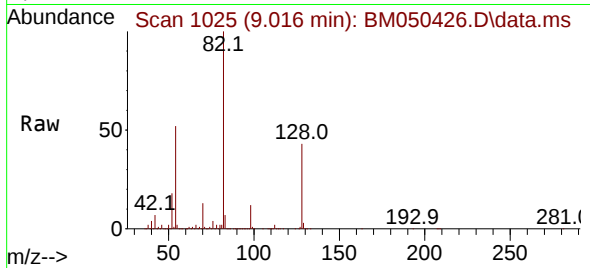




#23
Nitrobenzene-d5
Concen: 81.886 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

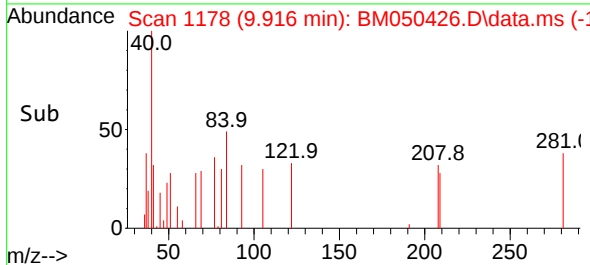
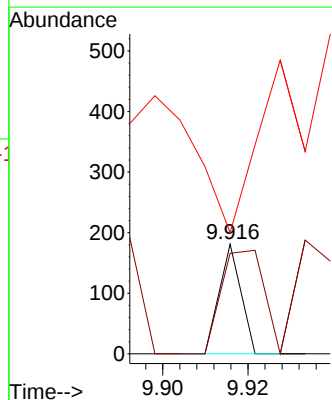
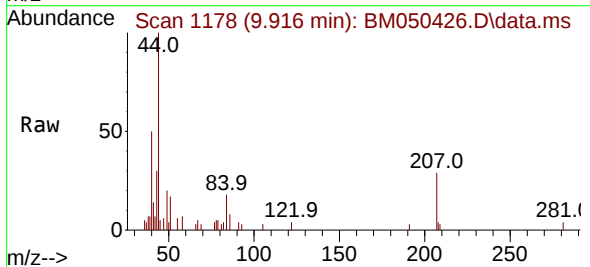
Instrument :
BNA_M
ClientSampleId :
PB168816BL

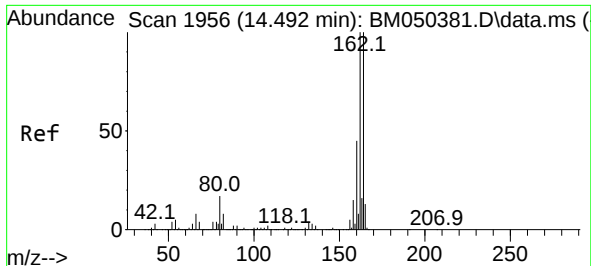
Tgt Ion: 82 Resp: 2248993
Ion Ratio Lower Upper
82 100
128 43.2 35.2 52.8
54 52.2 41.5 62.3



#32
Benzoic acid
Concen: 5.979 ng
RT: 9.916 min Scan# 1178
Delta R.T. -0.029 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 91.7 104.0 144.0#
77 110.5 73.8 113.8

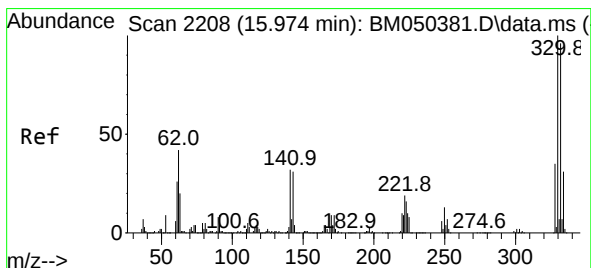
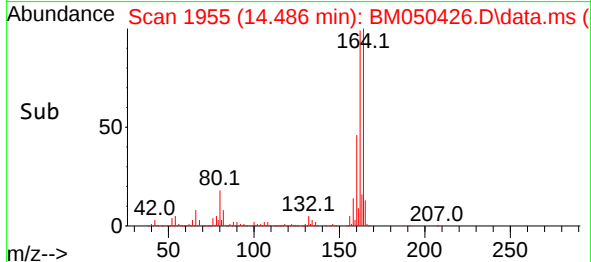
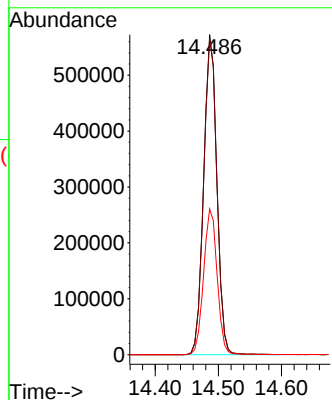
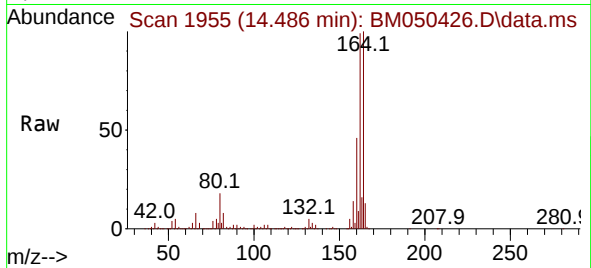




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

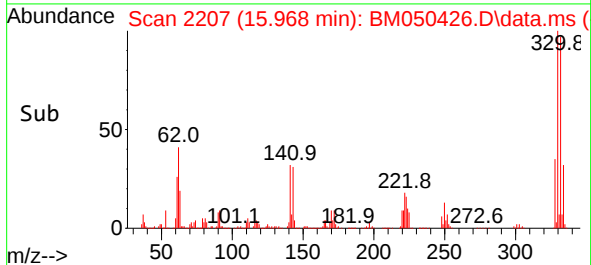
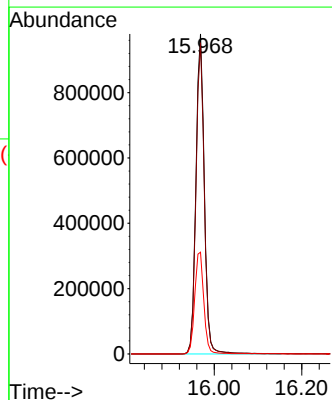
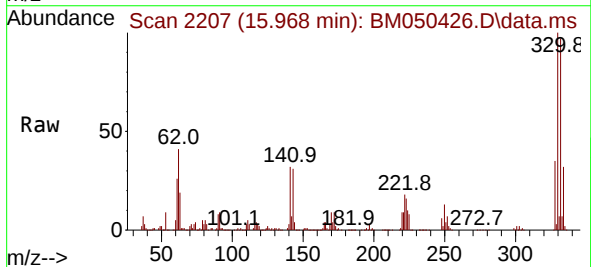
Instrument :
BNA_M
ClientSampleId :
PB168816BL

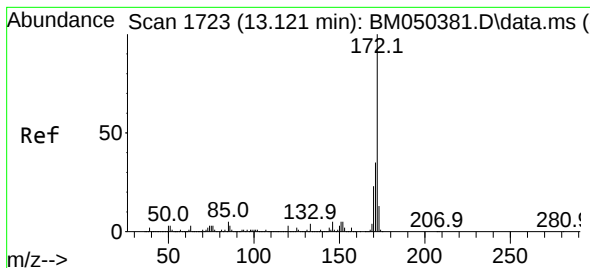
Tgt Ion:164 Resp: 832017
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 45.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 129.925 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:330 Resp: 1313426
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 34.5 27.4 41.0





#45

2-Fluorobiphenyl

Concen: 82.238 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050426.D

Acq: 14 Jul 2025 14:52

Instrument :

BNA_M

ClientSampleId :

PB168816BL

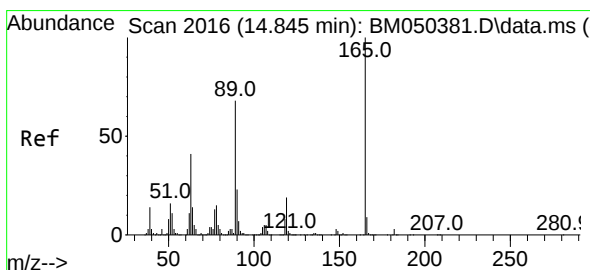
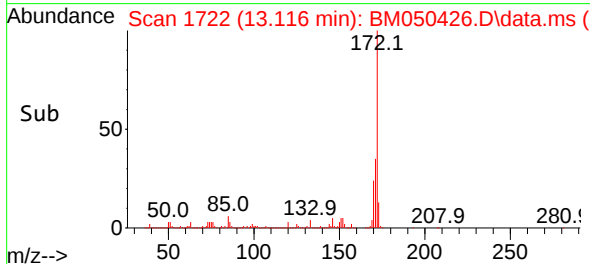
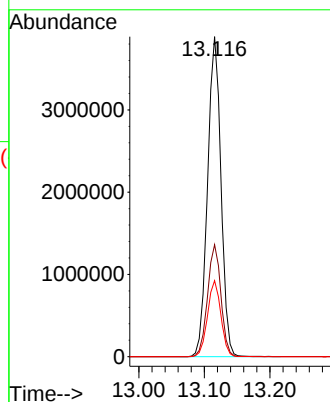
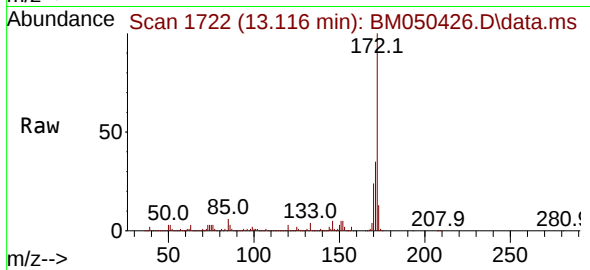
Tgt Ion:172 Resp: 5540663

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.8 18.8 28.2



#57

2,4-Dinitrotoluene

Concen: 2.727 ng

RT: 14.792 min Scan# 2007

Delta R.T. -0.053 min

Lab File: BM050426.D

Acq: 14 Jul 2025 14:52

Tgt Ion:165 Resp: 58

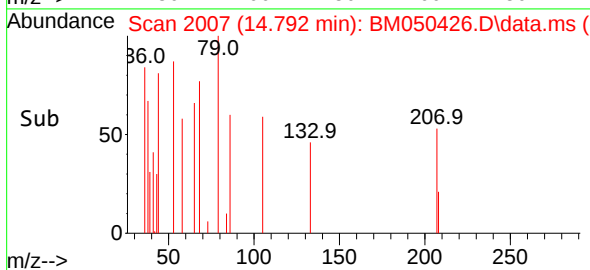
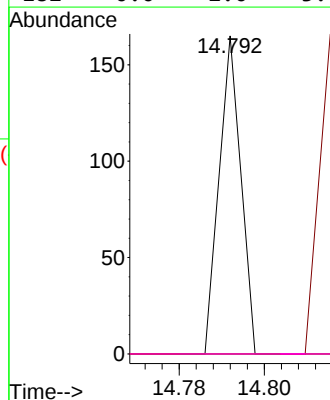
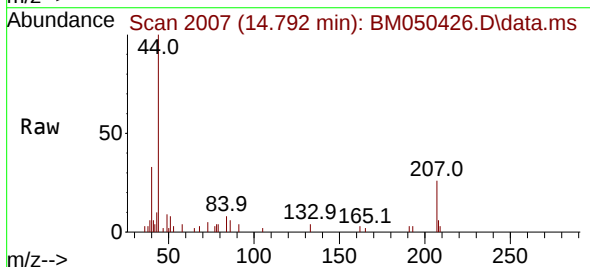
Ion Ratio Lower Upper

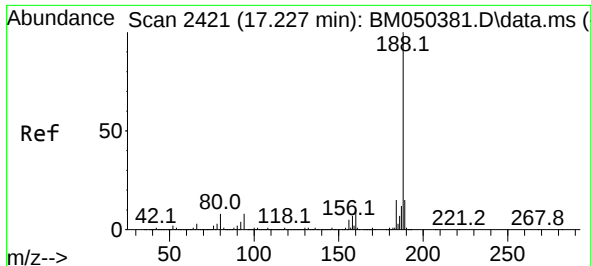
165 100

63 0.0 32.5 48.7#

89 0.0 54.0 81.0#

182 0.0 2.0 3.0#

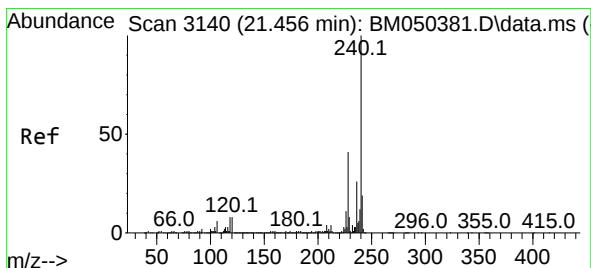
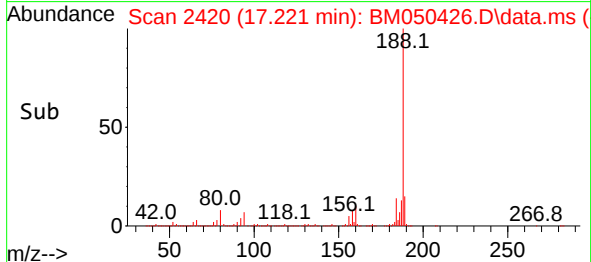
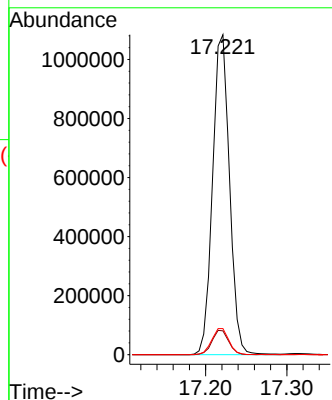
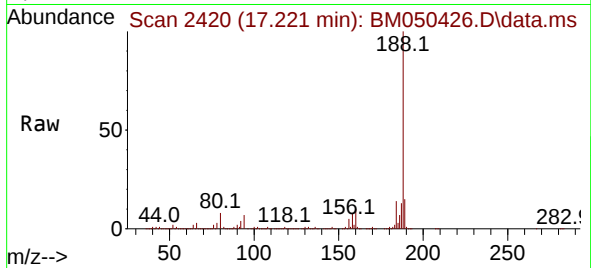




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

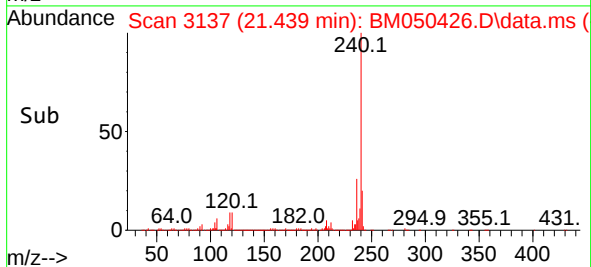
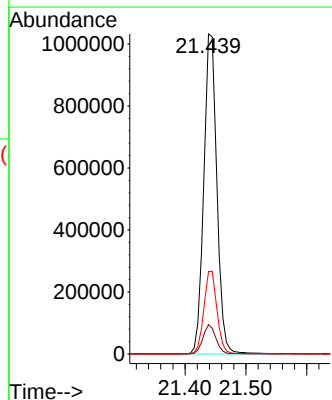
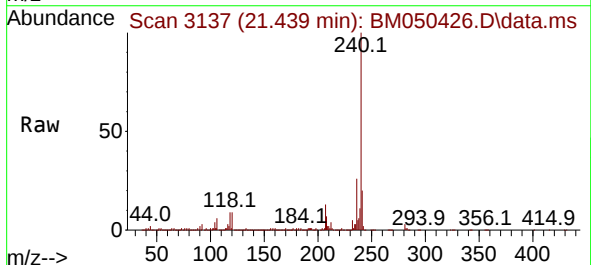
Instrument :
BNA_M
ClientSampleId :
PB168816BL

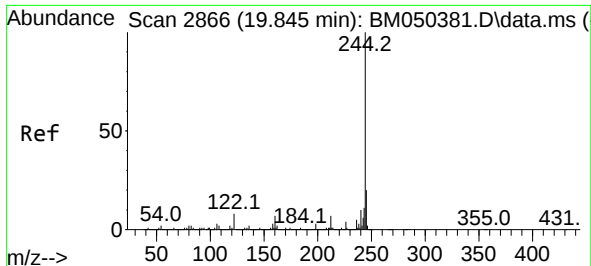
Tgt Ion:188 Resp: 1567374
Ion Ratio Lower Upper
188 100
94 7.4 6.0 9.0
80 8.1 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. -0.018 min
Lab File: BM050426.D
Acq: 14 Jul 2025 14:52

Tgt Ion:240 Resp: 1548385
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 25.7 20.7 31.1

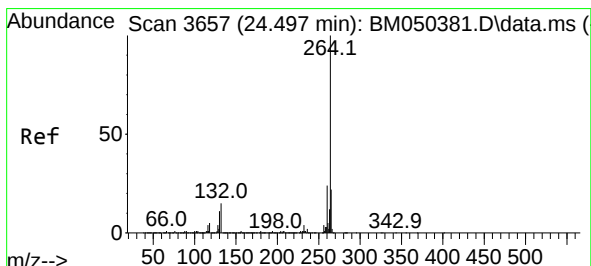
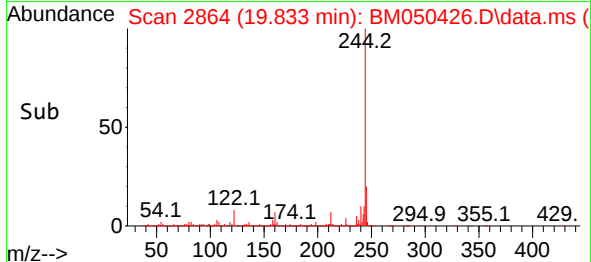
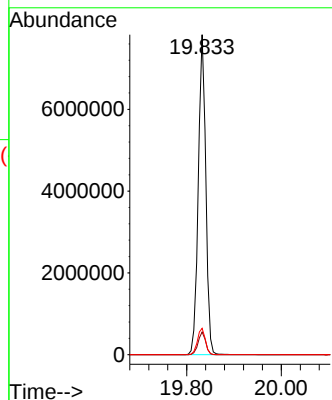
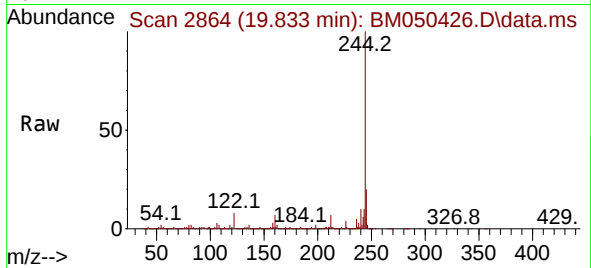




#79
 Terphenyl-d14
 Concen: 97.865 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050426.D
 Acq: 14 Jul 2025 14:52

Instrument :
 BNA_M
 ClientSampleId :
 PB168816BL

Tgt Ion:244 Resp: 8612457
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.3 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3653
 Delta R.T. -0.023 min
 Lab File: BM050426.D
 Acq: 14 Jul 2025 14:52

Tgt Ion:264 Resp: 1719709
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.0 17.8 26.6

