

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049821.D
 Acq On : 04 Apr 2025 13:25
 Operator : RC/JU
 Sample : Q1694-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18

Quant Time: Apr 04 14:04:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

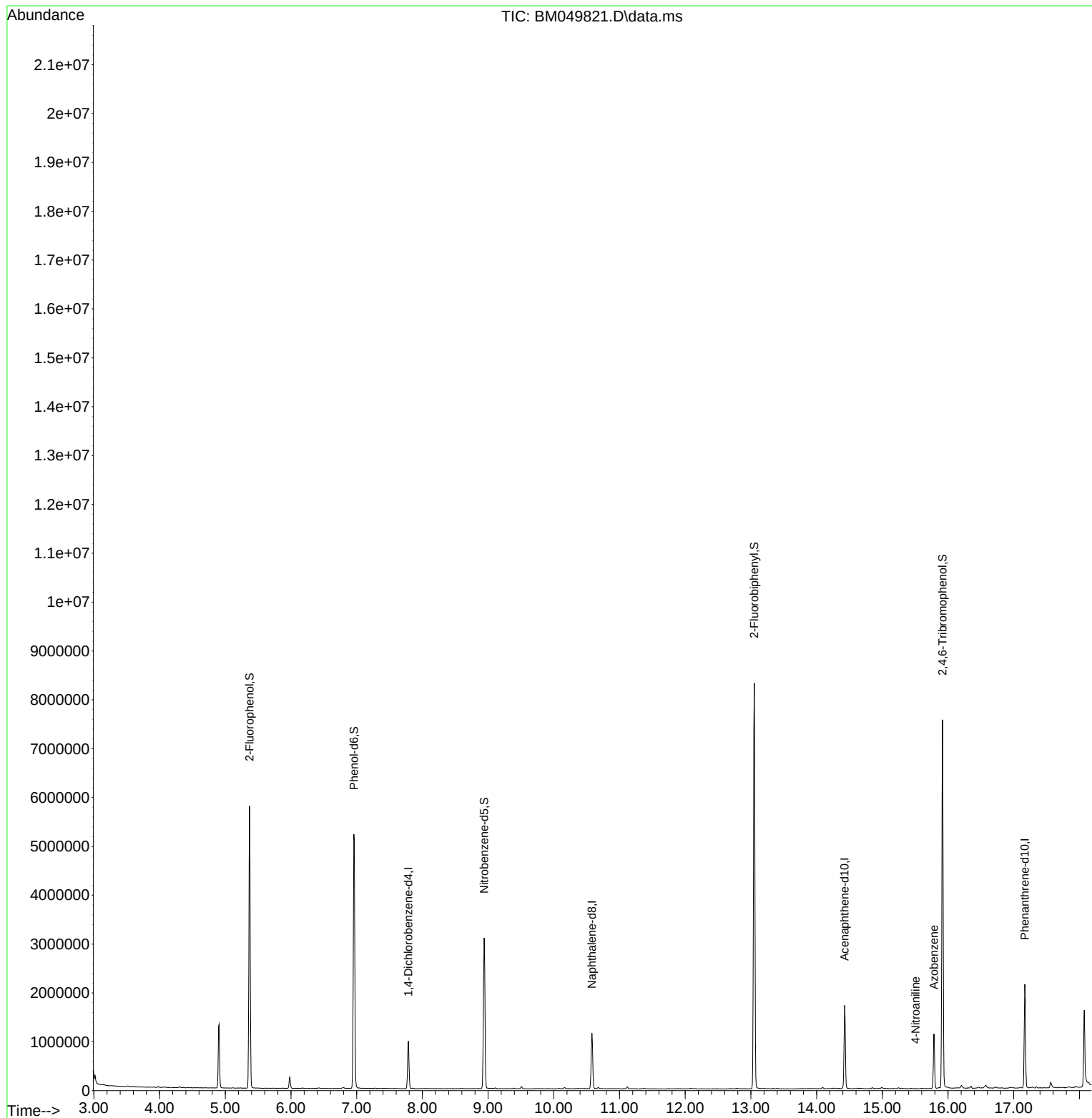
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	270028	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	940458	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	600055	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1243348	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1312999	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1508210	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2453266	153.297	ng	-0.02
7) Phenol-d6	6.957	99	3087382	153.729	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1763675	96.283	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1447795	206.626	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4494153	93.798	ng	-0.02
79) Terphenyl-d14	19.797	244	8488795	108.946	ng	-0.01
Target Compounds						
						Qvalue
62) 4-Nitroaniline	15.504	138	250	3.782	ng	# 16
63) Azobenzene	15.786	77	288852	7.772	ng	# 1

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

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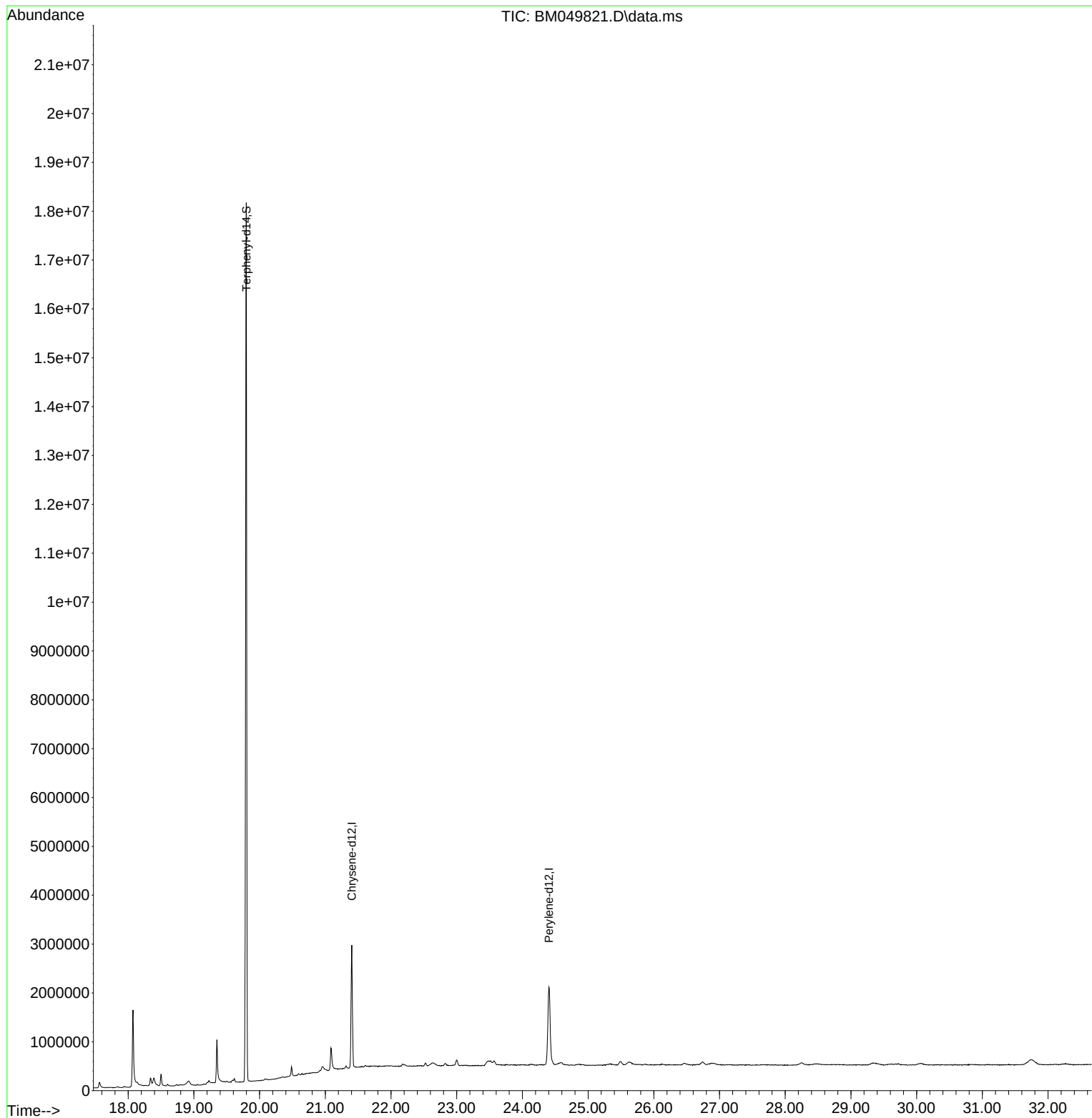
Quant Time: Apr 04 14:04:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

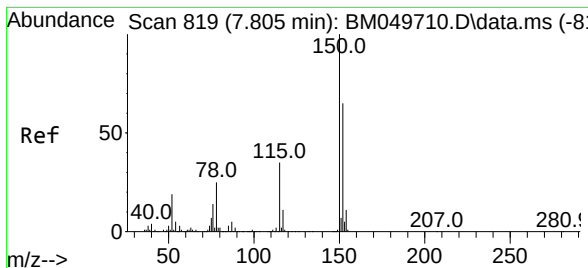


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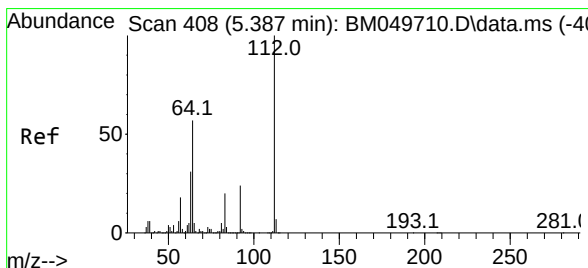
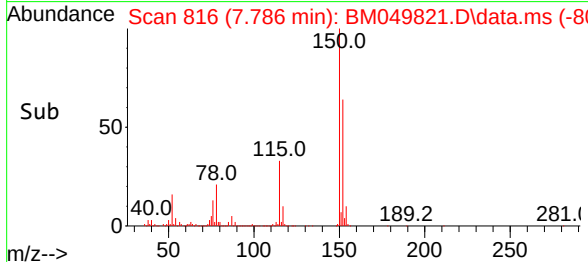
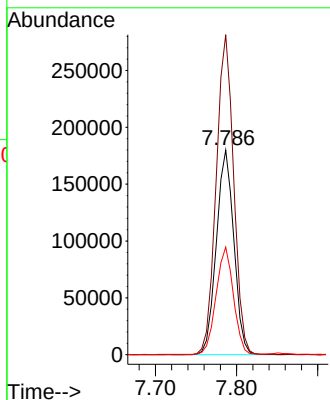
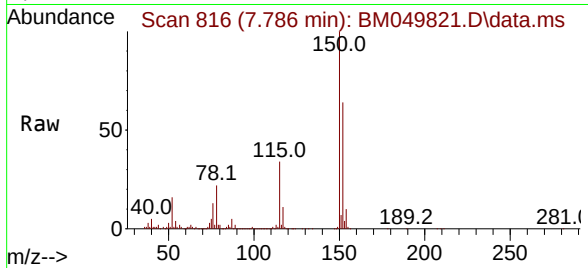




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 819
Delta R.T. -0.019 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

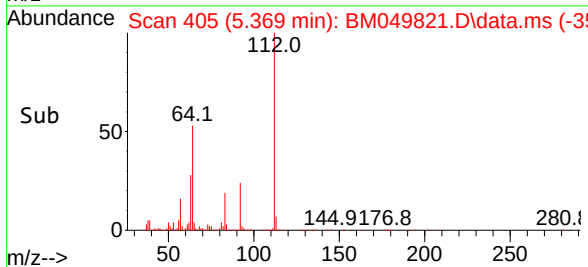
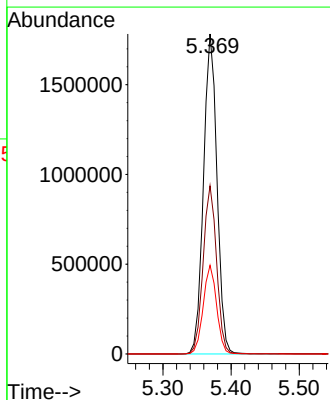
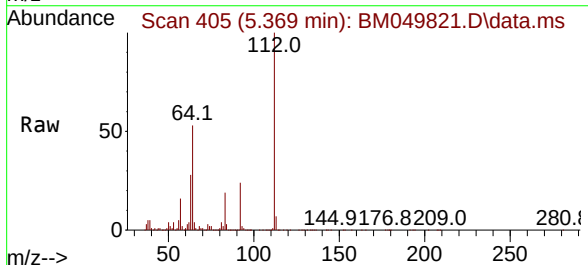
Instrument :
BNA_M
ClientSampleId :
TP-18

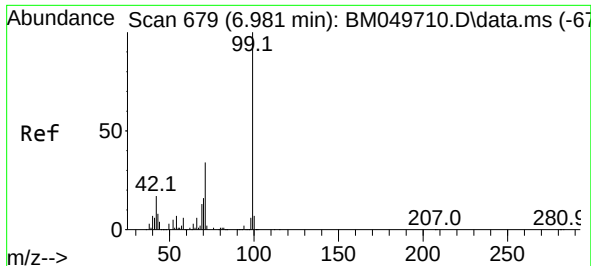
Tgt Ion:152 Resp: 270028
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.8
115 52.5 43.0 64.6



#5
2-Fluorophenol
Concen: 153.297 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:112 Resp: 2453266
Ion Ratio Lower Upper
112 100
64 52.6 45.3 67.9
63 27.7 24.4 36.6



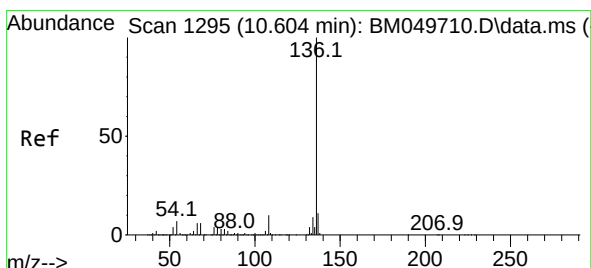
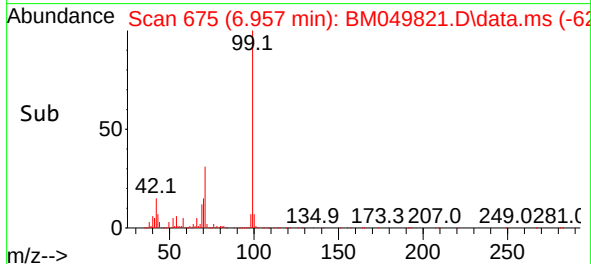
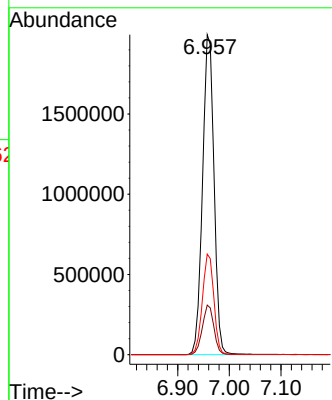
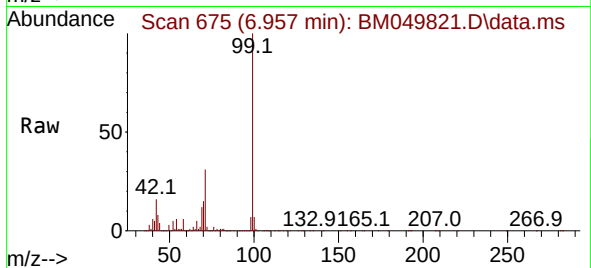


#7
Phenol-d6
Concen: 153.729 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion: 99 Resp: 3087382

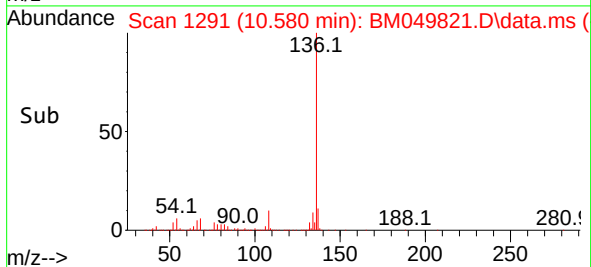
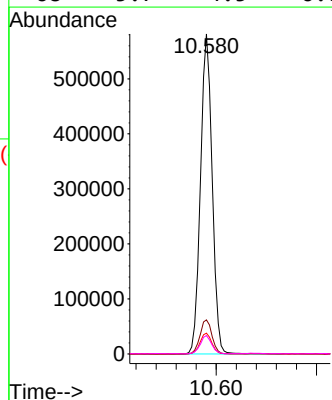
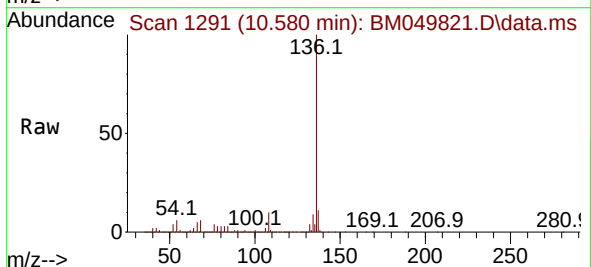
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.6	20.4
71	31.4	27.0	40.6

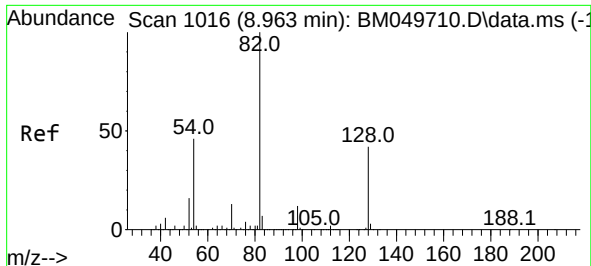


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion: 136 Resp: 940458

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.5	5.8	8.8
68	5.7	4.5	6.7

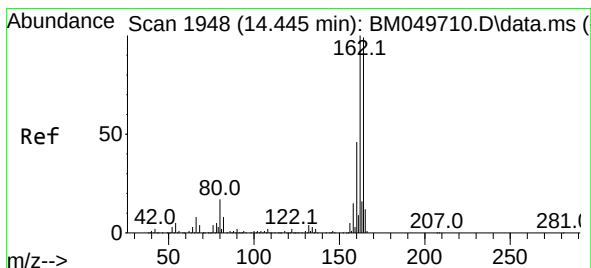
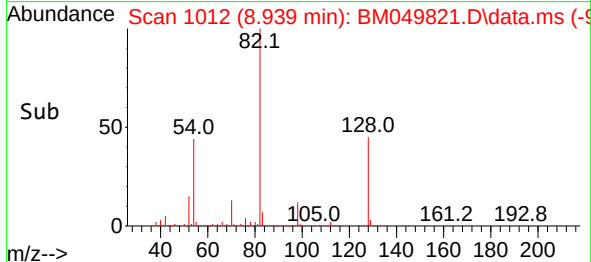
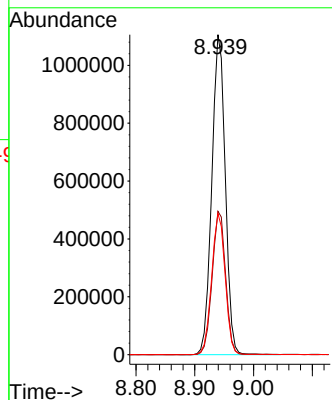
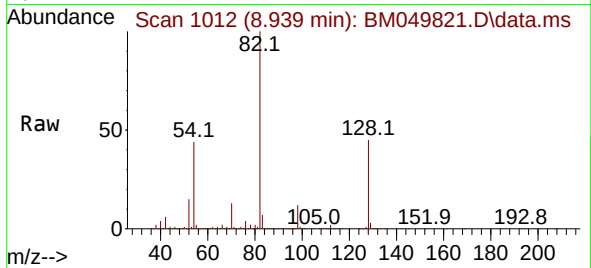




#23
Nitrobenzene-d5
Concen: 96.283 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

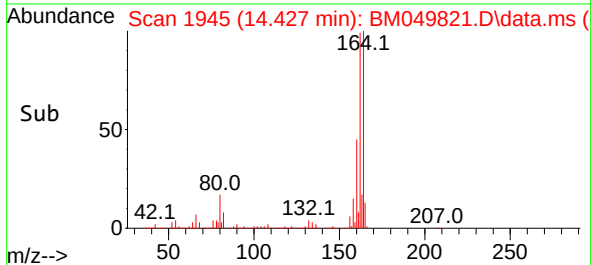
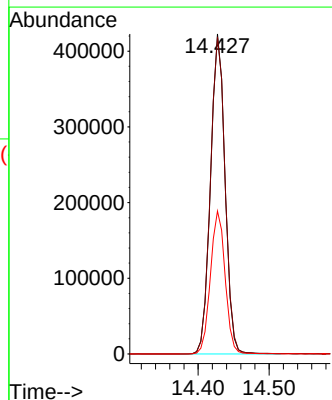
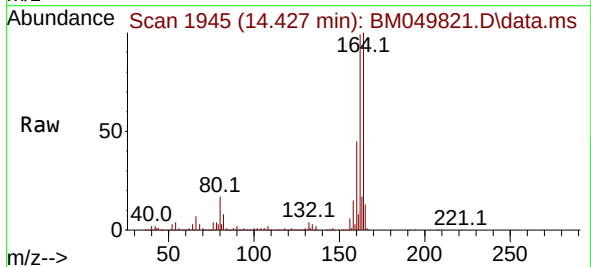
Instrument :
BNA_M
ClientSampleId :
TP-18

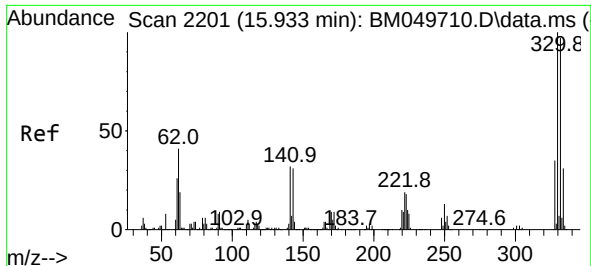
Tgt Ion: 82 Resp: 1763675
Ion Ratio Lower Upper
82 100
128 44.8 33.4 50.0
54 44.1 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:164 Resp: 600055
Ion Ratio Lower Upper
164 100
162 99.1 80.5 120.7
160 44.7 36.9 55.3

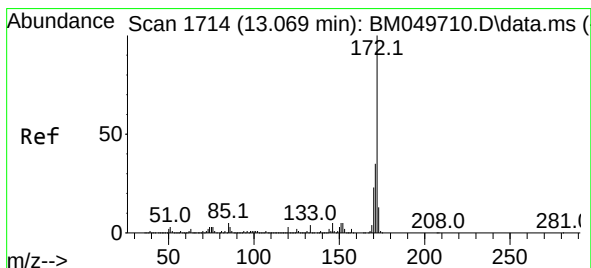
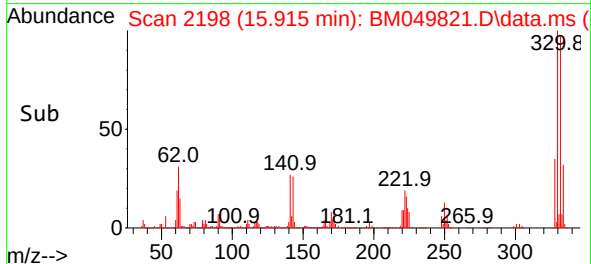
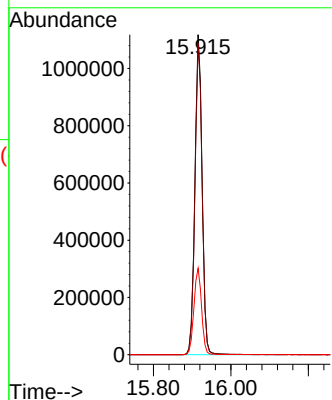
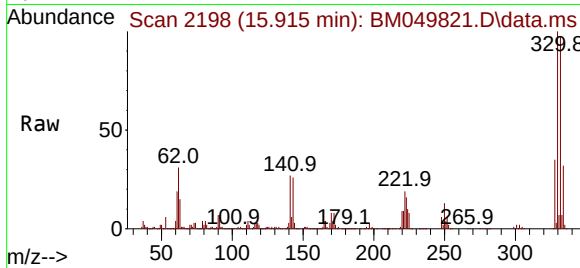




#42
2,4,6-Tribromophenol
Concen: 206.626 ng
RT: 15.915 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

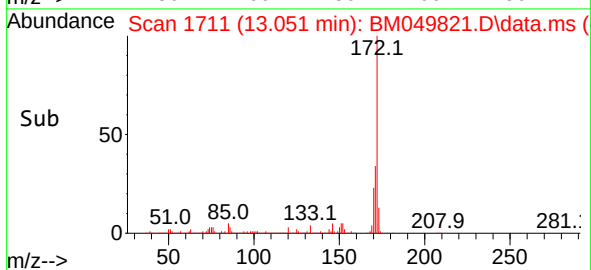
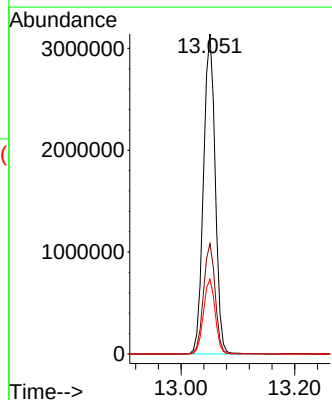
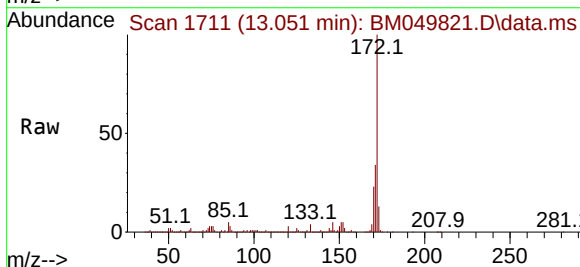
Instrument :
BNA_M
ClientSampleId :
TP-18

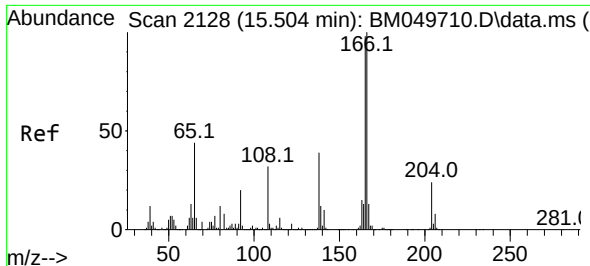
Tgt Ion:330 Resp: 1447795
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 28.6 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 93.798 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:172 Resp: 4494153
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.3 18.6 28.0

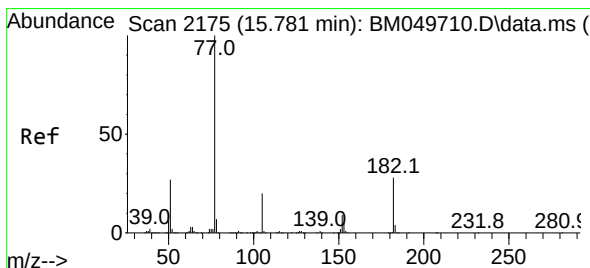
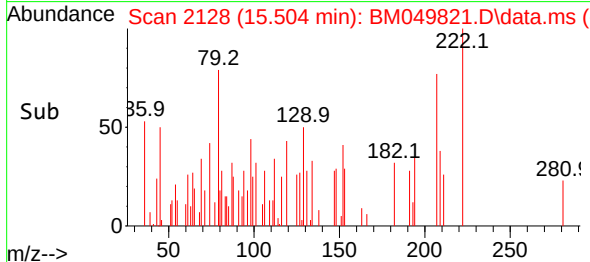
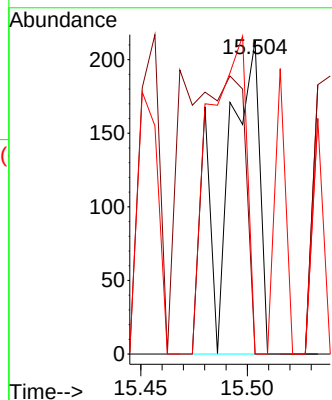
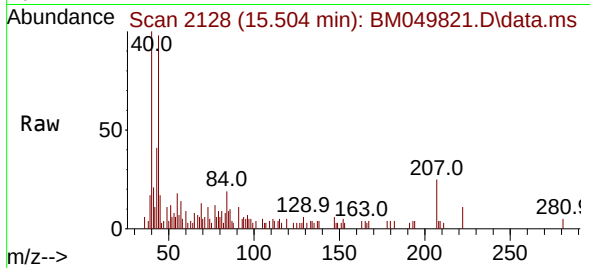




#62
4-Nitroaniline
Concen: 3.782 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

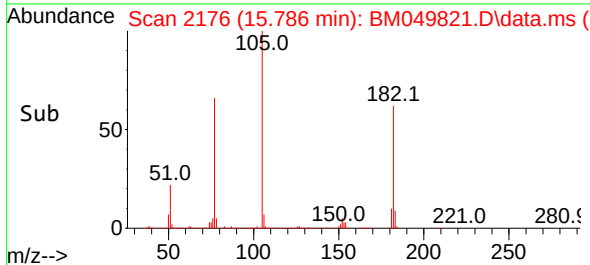
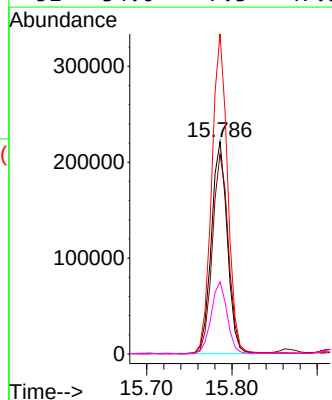
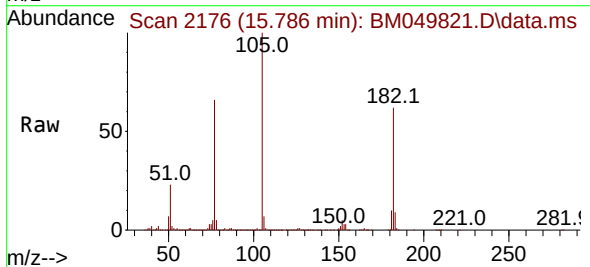
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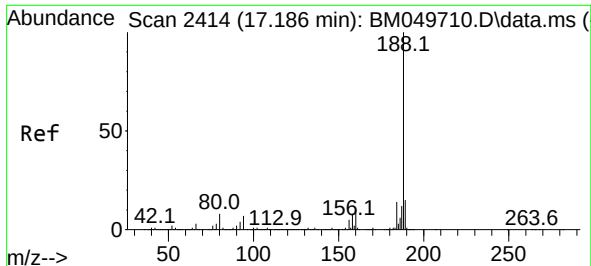
Tgt Ion:138 Resp: 250
Ion Ratio Lower Upper
138 100
92 0.0 29.8 69.8#
108 0.0 61.3 101.3#



#63
Azobenzene
Concen: 7.772 ng
RT: 15.786 min Scan# 2176
Delta R.T. 0.005 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion: 77 Resp: 288852
Ion Ratio Lower Upper
77 100
182 94.2 8.0 48.0#
105 150.7 0.0 40.0#
51 34.0 7.3 47.3

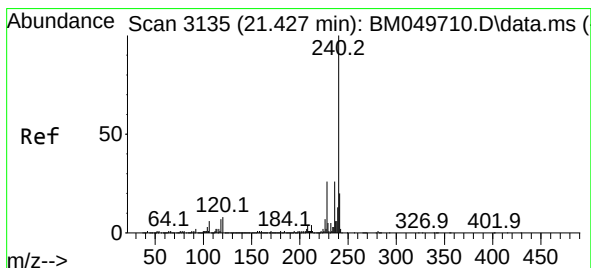
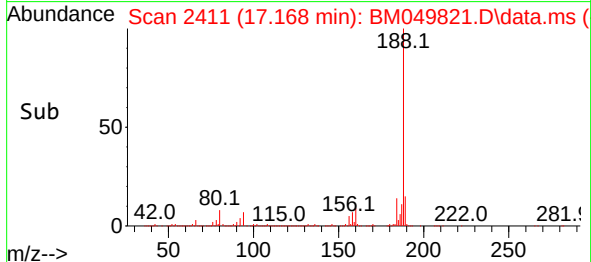
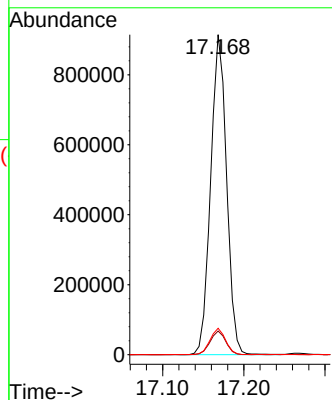
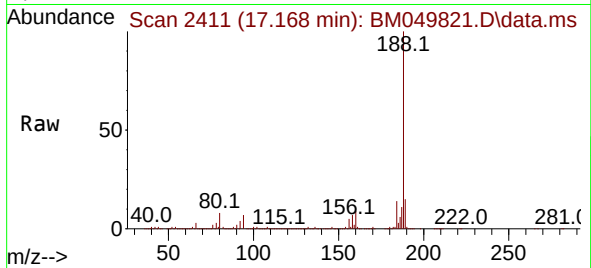




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

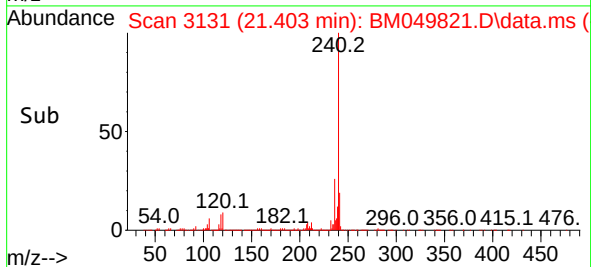
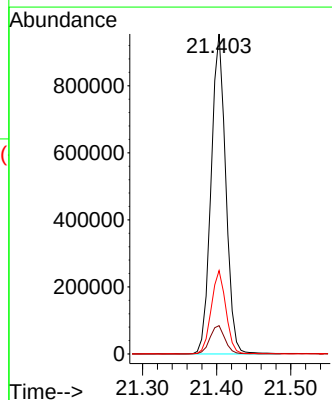
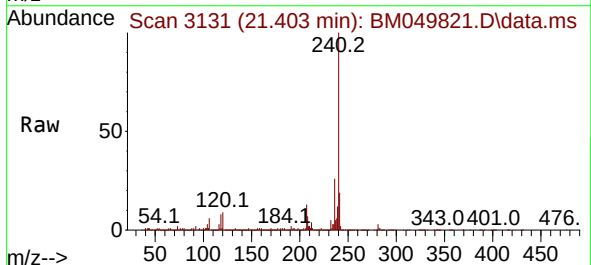
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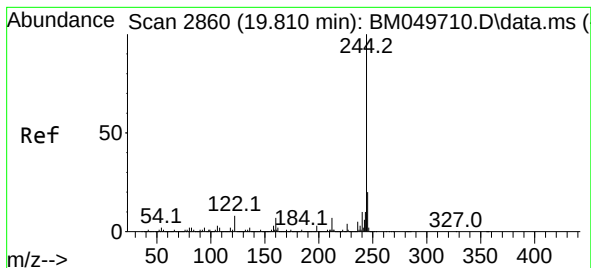
Tgt Ion:188 Resp: 1243348
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.3 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:240 Resp: 1312999
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 108.946 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049821.D

Acq: 04 Apr 2025 13:25

Instrument :

BNA_M

ClientSampleId :

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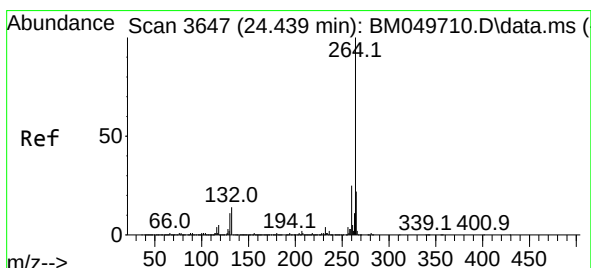
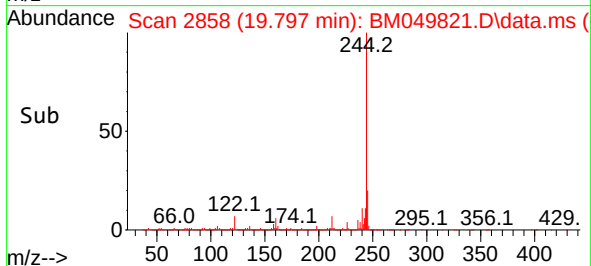
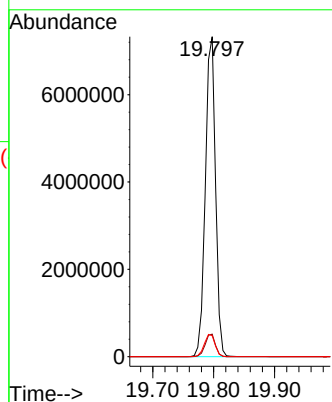
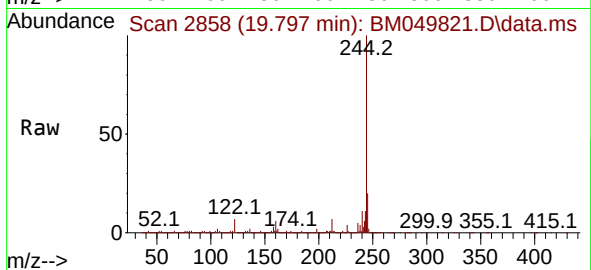
Tgt Ion:244 Resp: 8488795

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.5 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.036 min

Lab File: BM049821.D

Acq: 04 Apr 2025 13:25

Tgt Ion:264 Resp: 1508210

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 22.1 18.2 27.2

