

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049834.D
 Acq On : 07 Apr 2025 11:23
 Operator : RC/JU
 Sample : PB167457BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167457BL

Quant Time: Apr 07 12:18:03 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	7.787	152	317785	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1088351	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	684928	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1337160	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1275922	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1458537	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2552711	135.540	ng	-0.02
7) Phenol-d6	6.957	99	3081086	130.360	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1830612	86.357	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1396852	174.652	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4727924	86.449	ng	-0.02
79) Terphenyl-d14	19.797	244	7746331	102.306	ng	-0.01

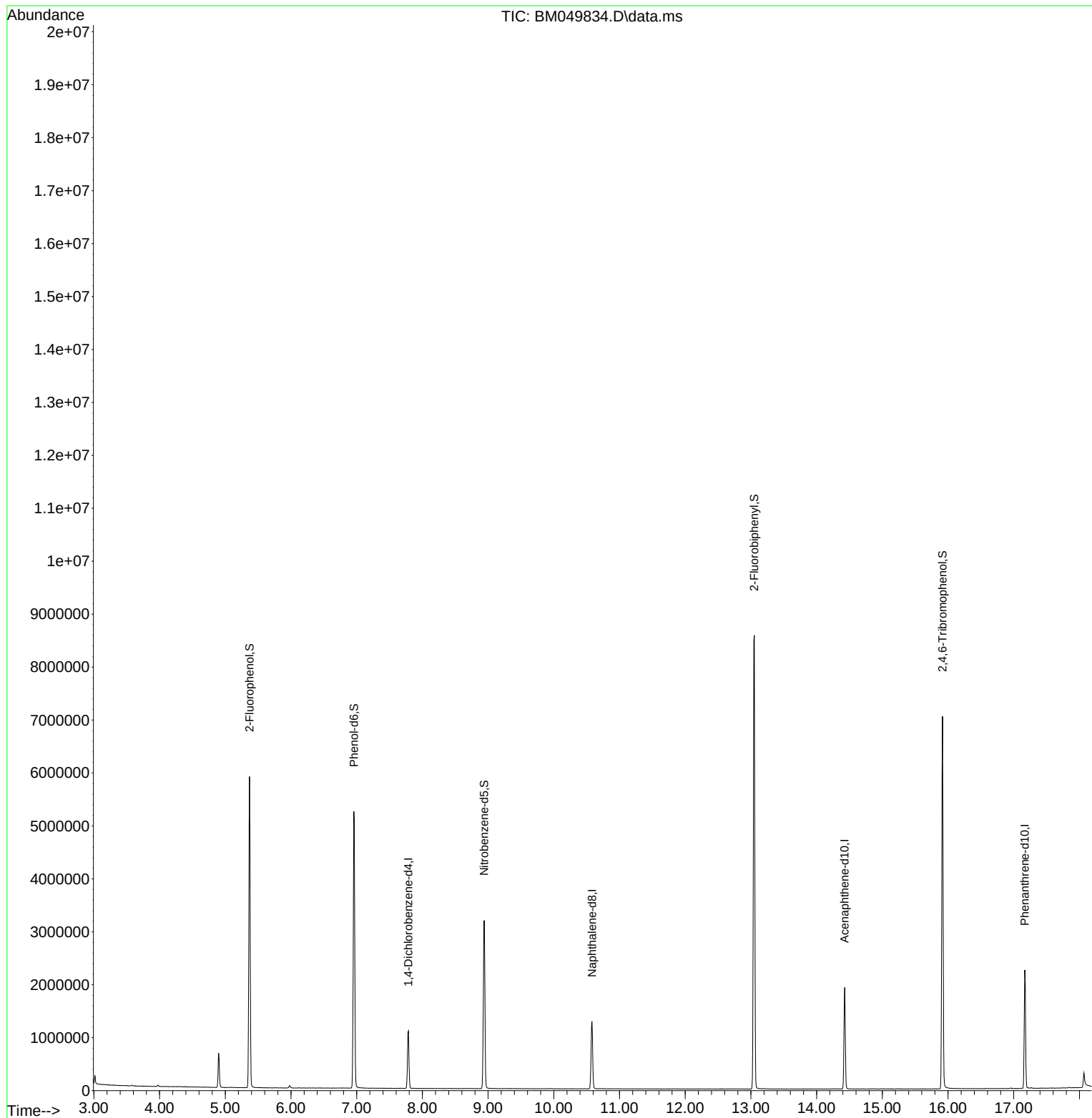
Target Compounds	Qvalue

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

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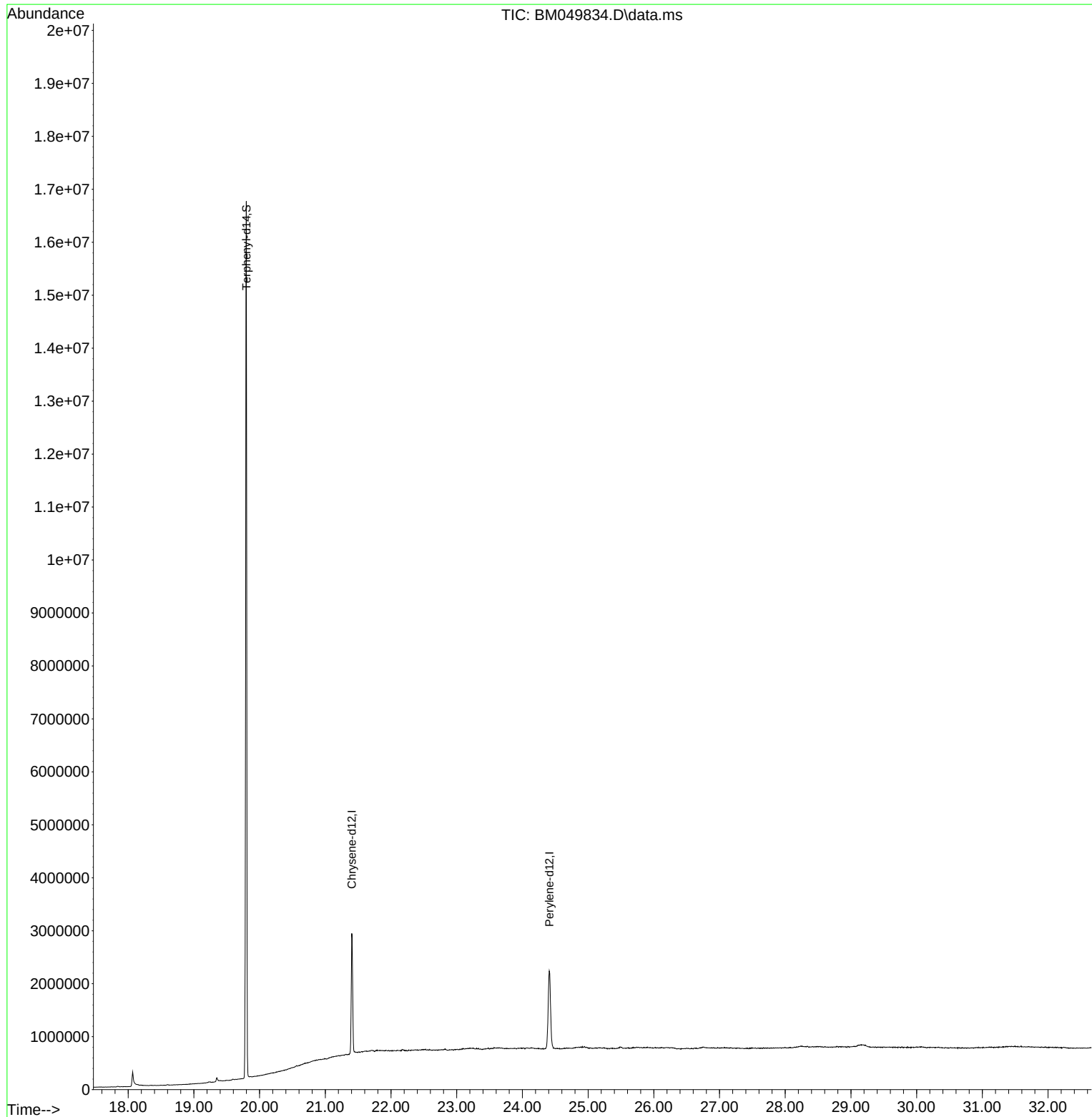
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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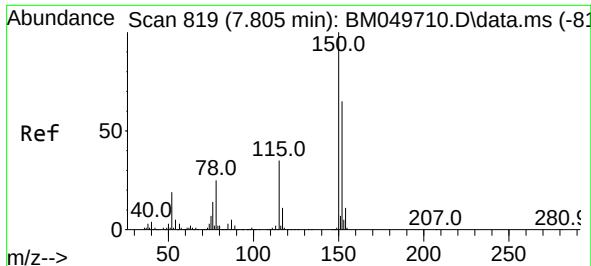


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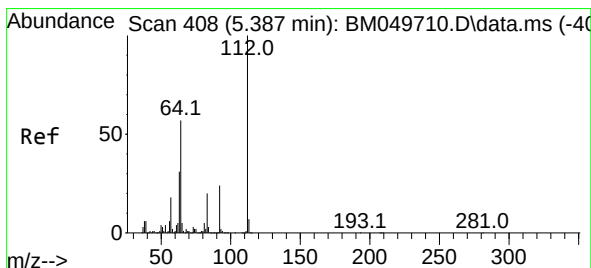
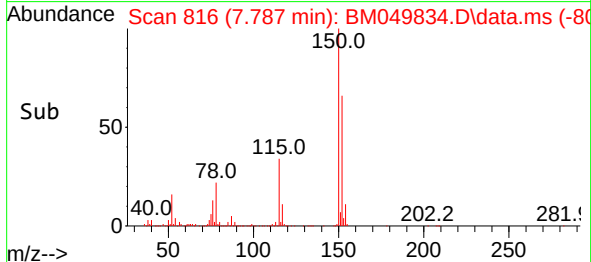
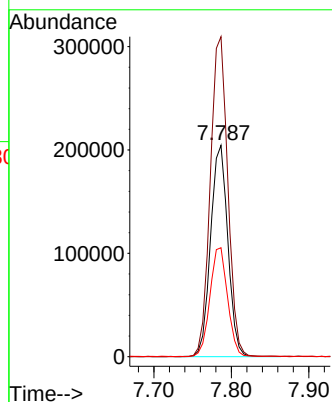
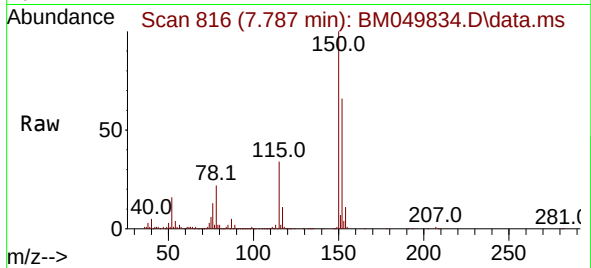




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

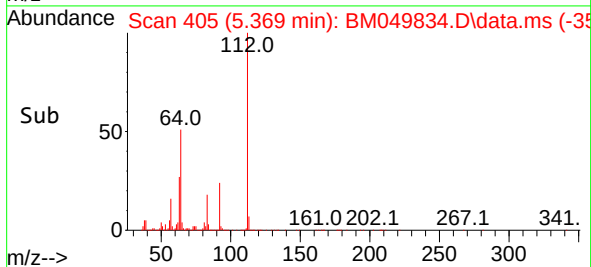
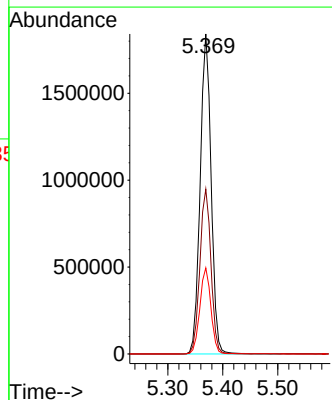
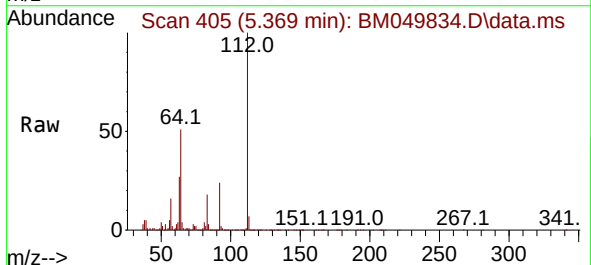
Instrument :
BNA_M
ClientSampleId :
PB167457BL

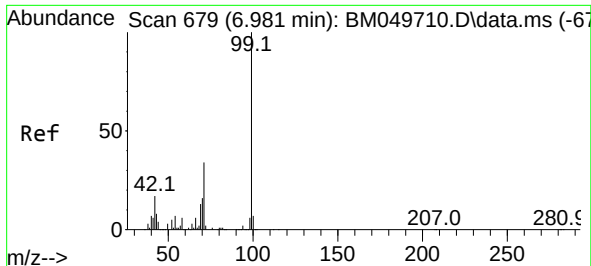
Tgt Ion:152 Resp: 317785
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.8
115 51.6 43.0 64.6



#5
2-Fluorophenol
Concen: 135.540 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

Tgt Ion:112 Resp: 2552711
Ion Ratio Lower Upper
112 100
64 51.5 45.3 67.9
63 26.9 24.4 36.6

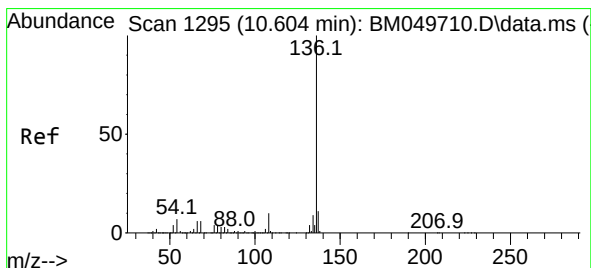
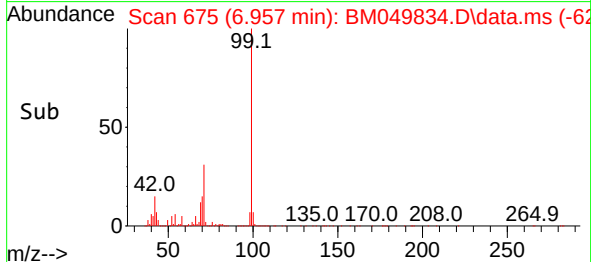
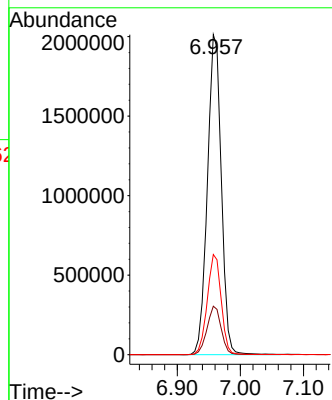
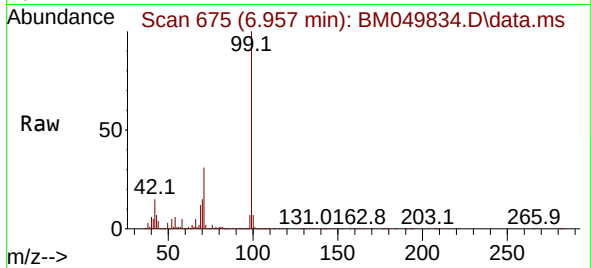




#7
Phenol-d6
Concen: 130.360 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

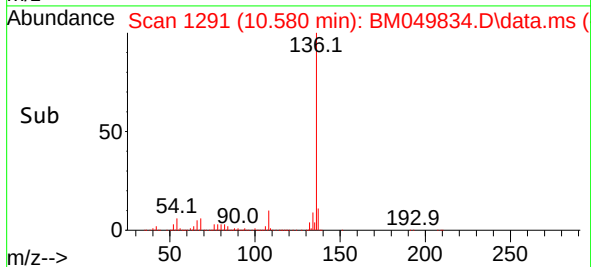
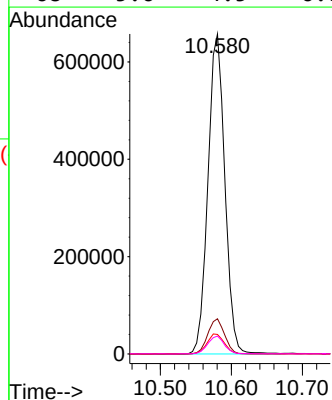
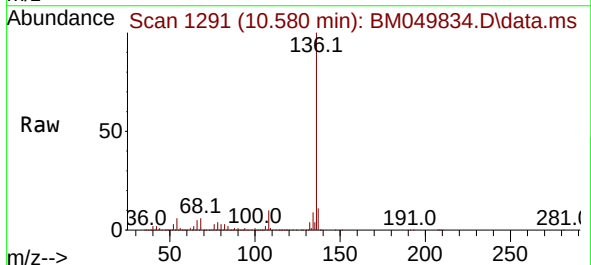
Instrument :
BNA_M
ClientSampleId :
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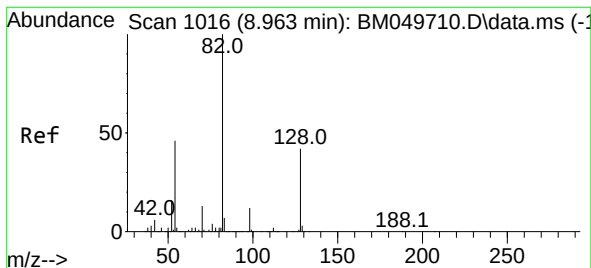
Tgt Ion: 99 Resp: 3081086
Ion Ratio Lower Upper
99 100
42 15.2 13.6 20.4
71 31.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

Tgt Ion: 136 Resp: 1088351
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.1 5.8 8.8
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 86.357 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049834.D

Acq: 07 Apr 2025 11:23

Instrument :

BNA_M

ClientSampleId :

PB167457BL

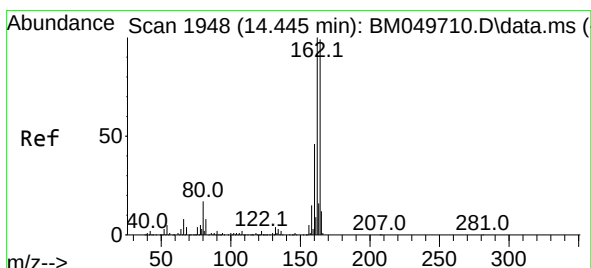
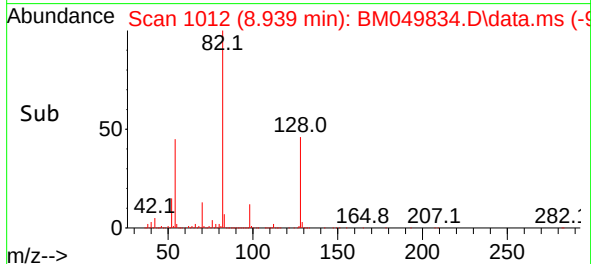
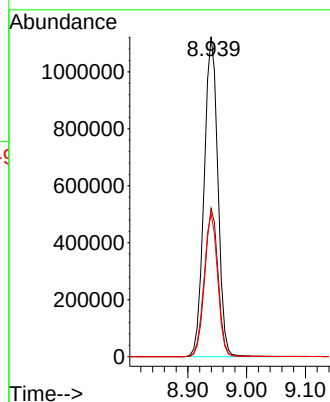
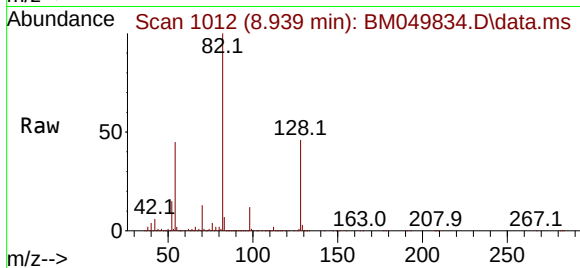
Tgt Ion: 82 Resp: 1830612

Ion Ratio Lower Upper

82 100

128 46.4 33.4 50.0

54 44.6 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: BM049834.D

Acq: 07 Apr 2025 11:23

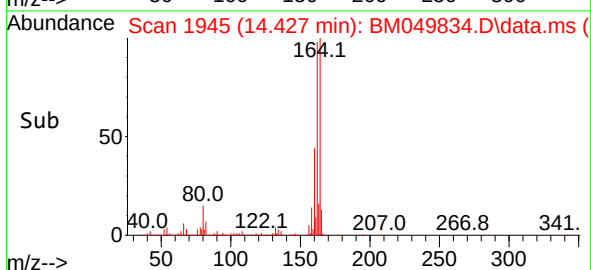
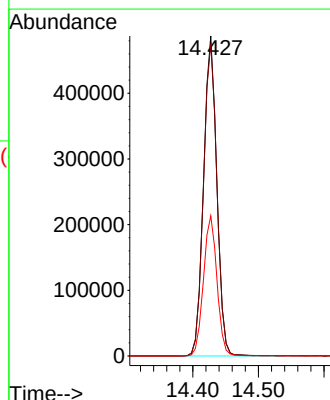
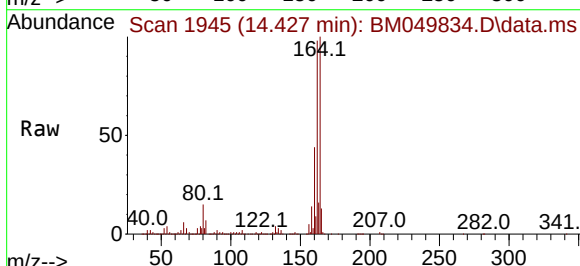
Tgt Ion:164 Resp: 684928

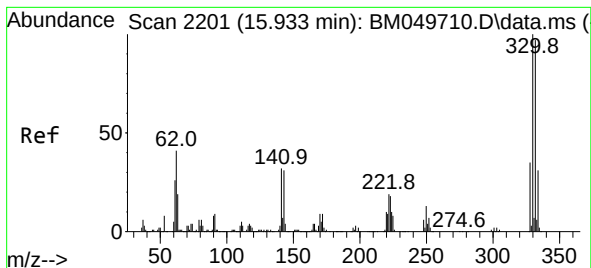
Ion Ratio Lower Upper

164 100

162 97.6 80.5 120.7

160 43.8 36.9 55.3

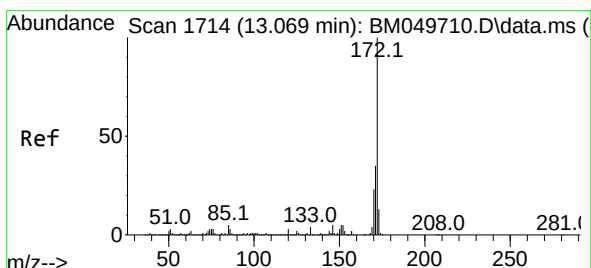
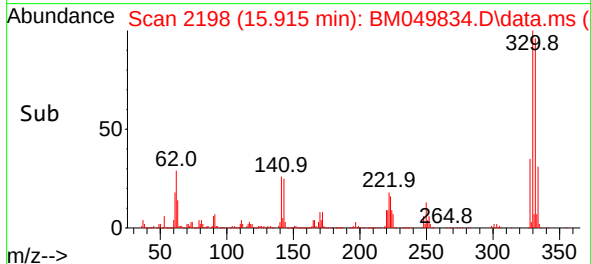
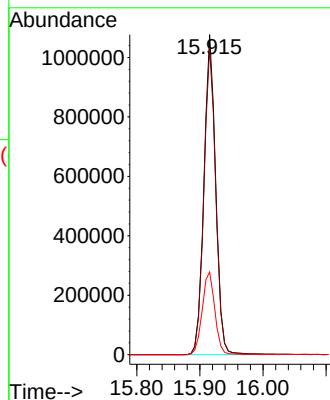
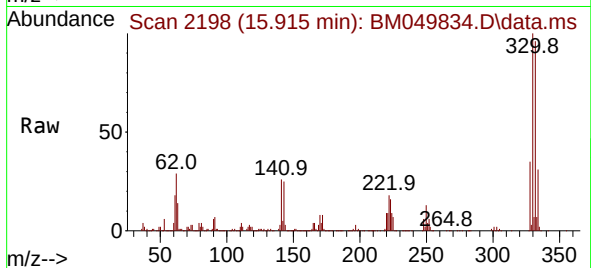




#42
2,4,6-Tribromophenol
Concen: 174.652 ng
RT: 15.915 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

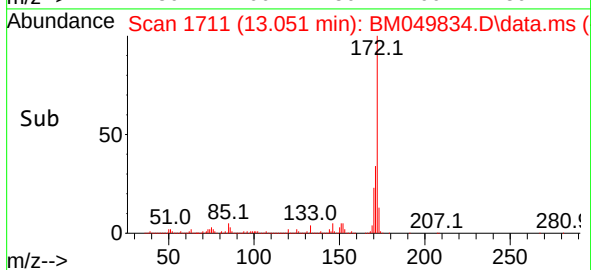
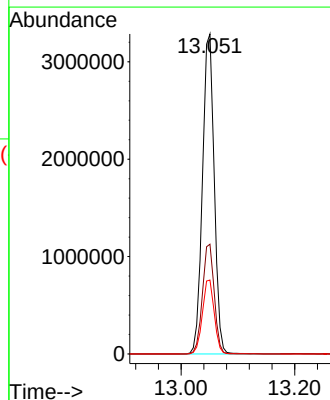
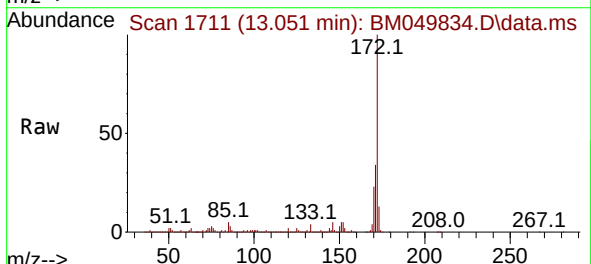
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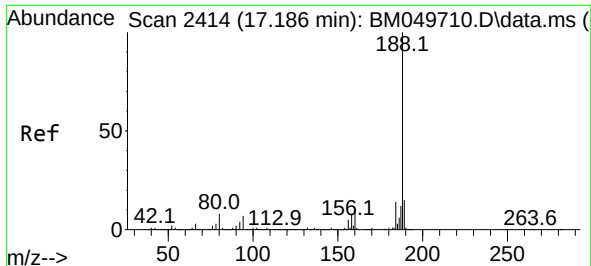
Tgt Ion:330 Resp: 1396852
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 27.8 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 86.449 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

Tgt Ion:172 Resp: 4727924
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.1 18.6 28.0

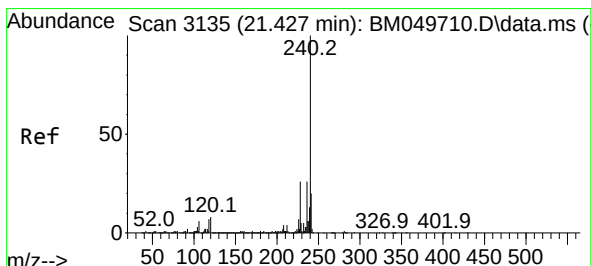
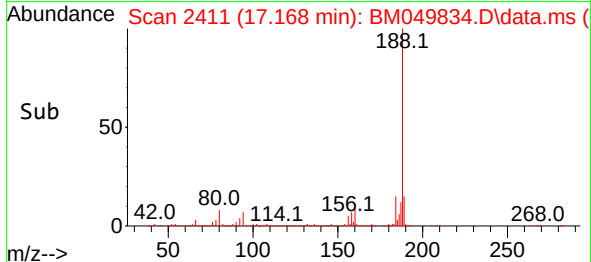
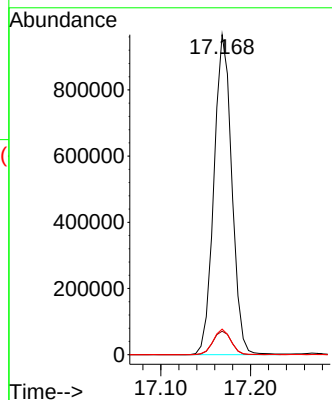
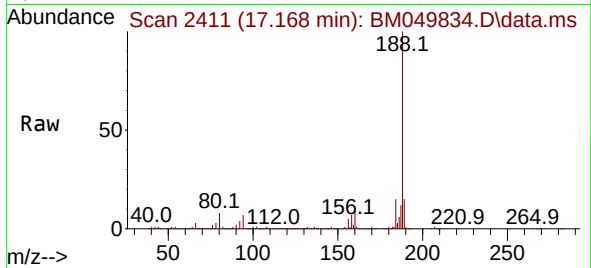




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

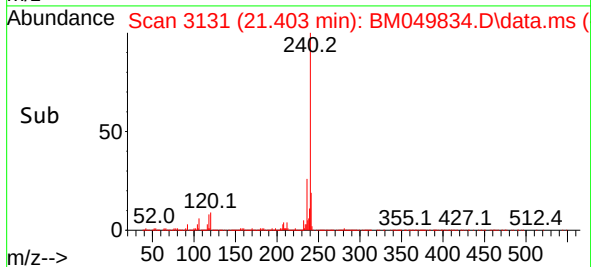
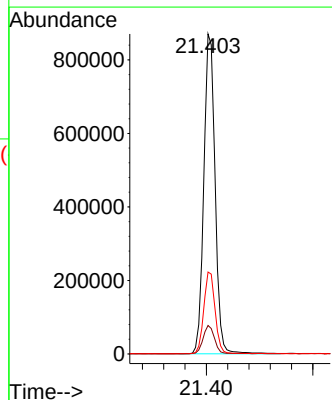
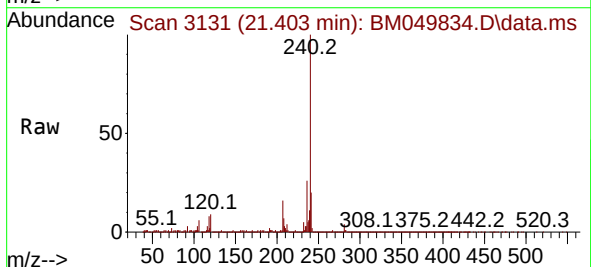
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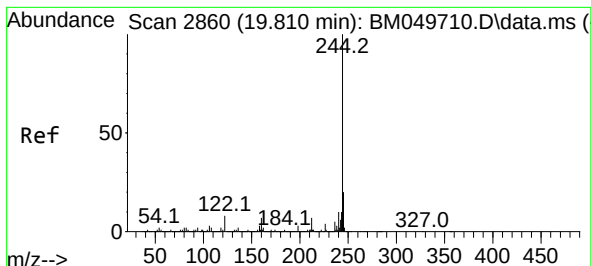
Tgt Ion:188 Resp: 1337160
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.0 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049834.D
Acq: 07 Apr 2025 11:23

Tgt Ion:240 Resp: 1275922
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 102.306 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049834.D

Acq: 07 Apr 2025 11:23

Instrument :

BNA_M

ClientSampleId :

PB167457BL

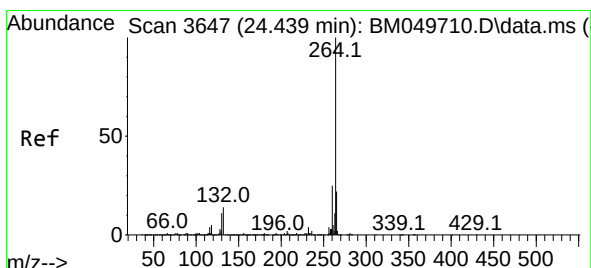
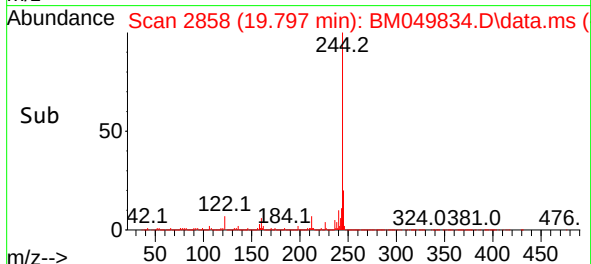
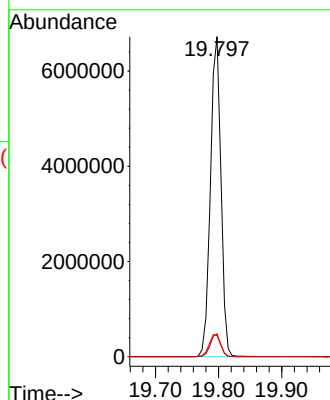
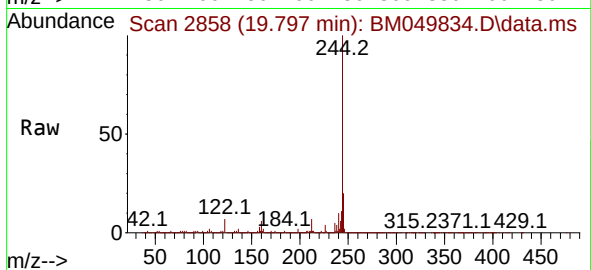
Tgt Ion:244 Resp: 7746331

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049834.D

Acq: 07 Apr 2025 11:23

Tgt Ion:264 Resp: 1458537

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.0 18.2 27.2

