

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050063.D
 Acq On : 01 May 2025 14:04
 Operator : RC/JU
 Sample : PB167779BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167779BL

Quant Time: May 01 14:50:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	362102	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	1207361	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	720688	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1342353	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1132572	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1130011	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2945826	142.456	ng	0.00
7) Phenol-d6	6.940	99	3469180	133.478	ng	-0.01
23) Nitrobenzene-d5	8.910	82	2142058	87.425	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1478724	138.765	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	5379270	88.299	ng	-0.02
79) Terphenyl-d14	19.768	244	8132476	106.253	ng	-0.01

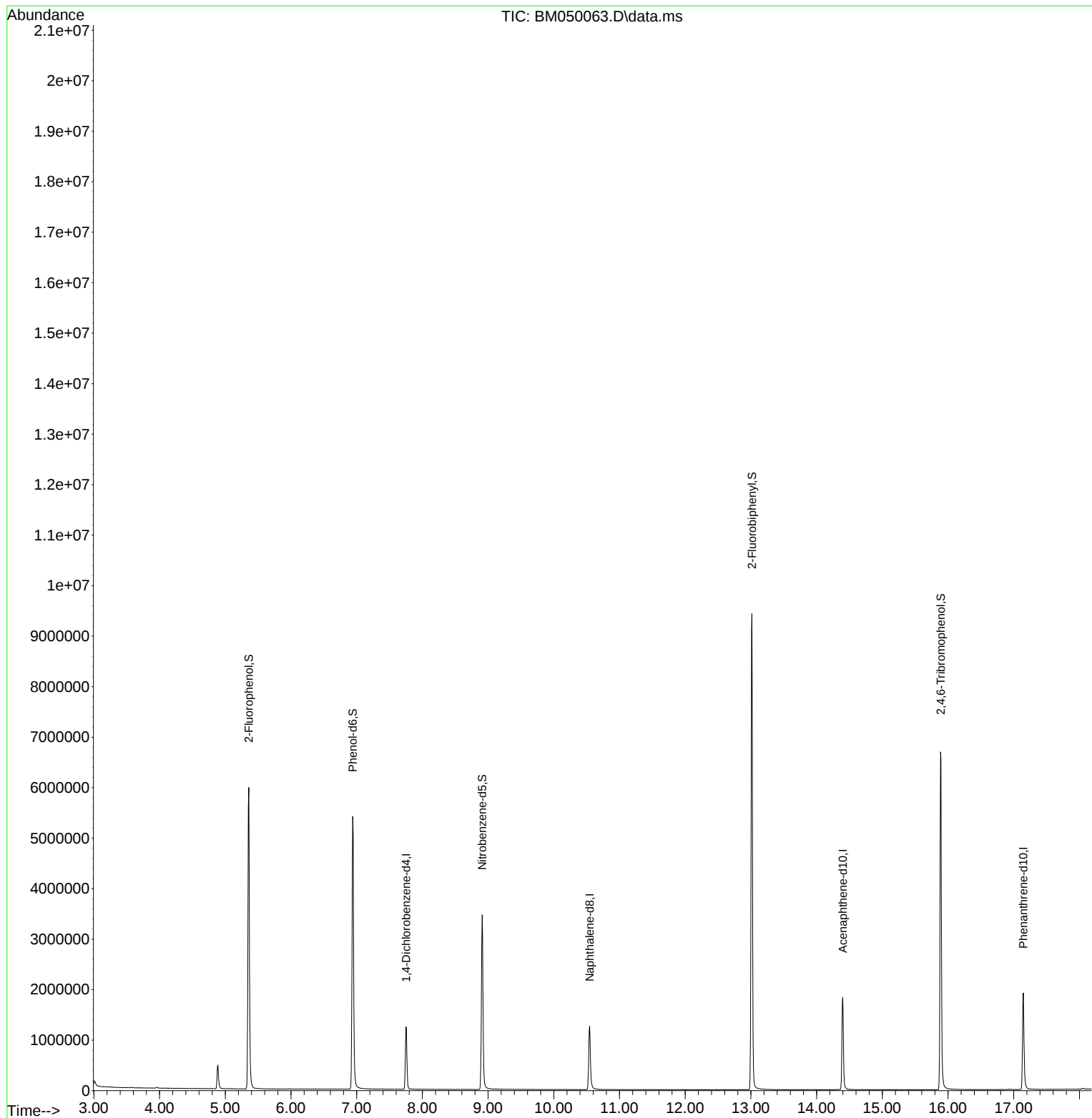
Target Compounds	Qvalue

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

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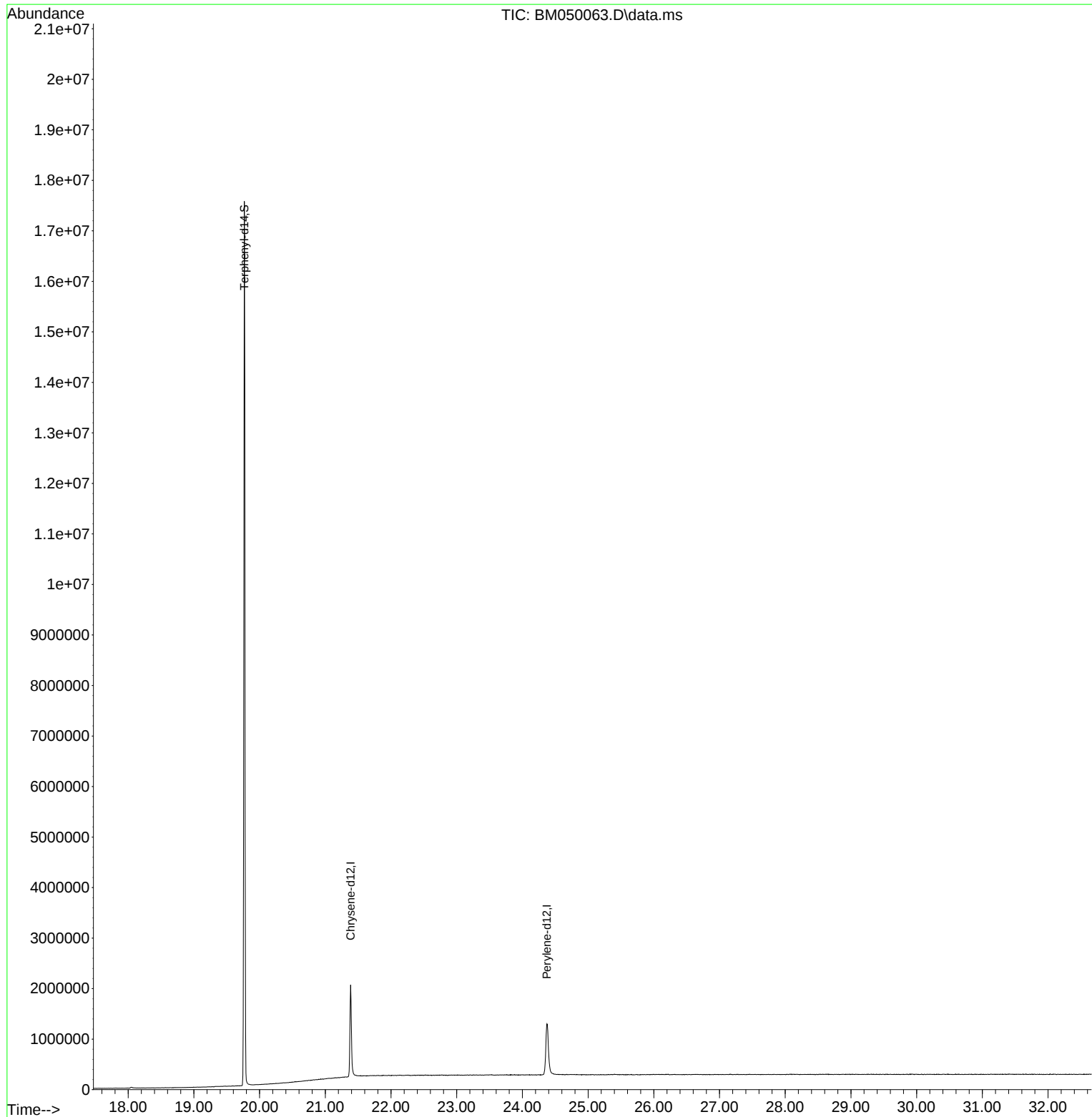
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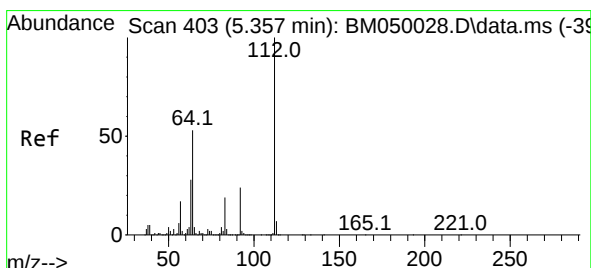
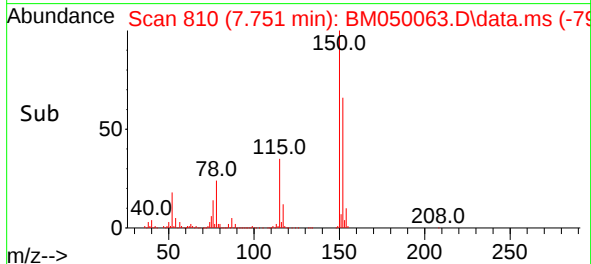
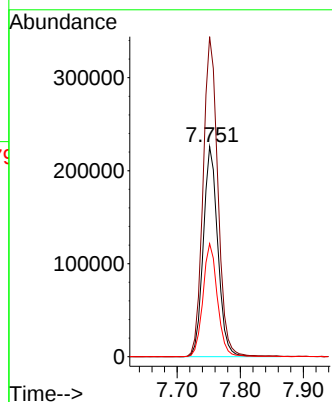
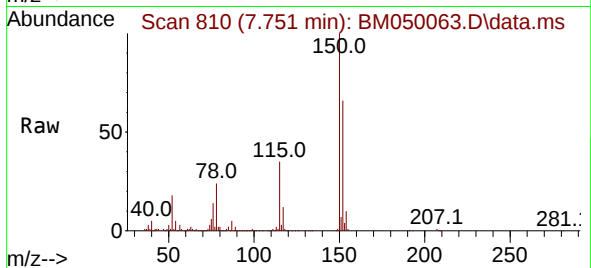




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 813
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

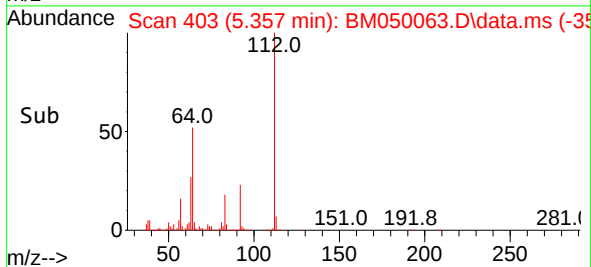
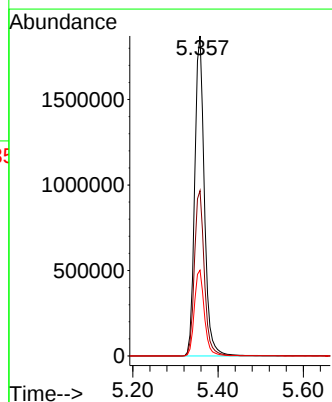
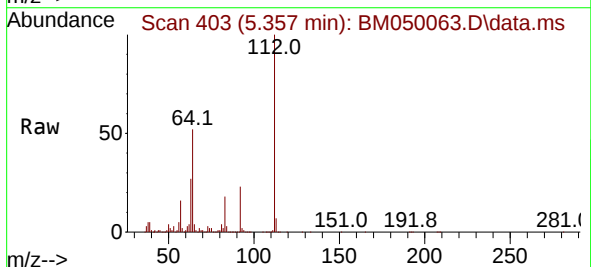
Instrument :
BNA_M
ClientSampleId :
PB167779BL

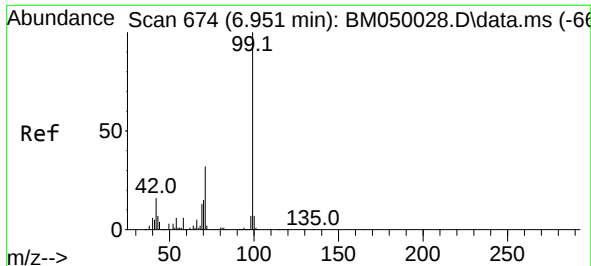
Tgt Ion:152 Resp: 362102
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 53.8 41.2 61.8



#5
2-Fluorophenol
Concen: 142.456 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:112 Resp: 2945826
Ion Ratio Lower Upper
112 100
64 51.7 42.6 64.0
63 26.8 22.2 33.4

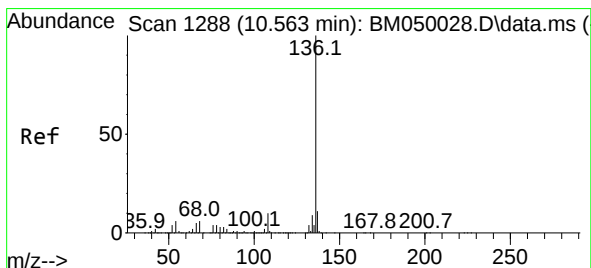
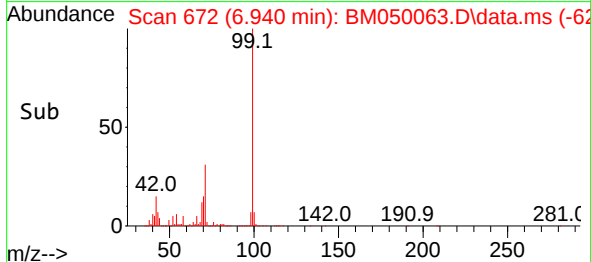
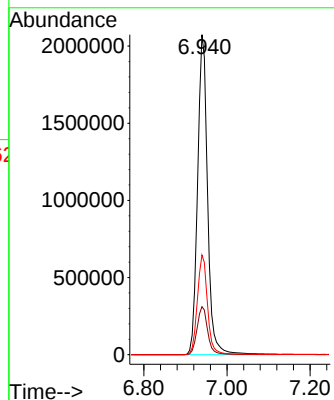
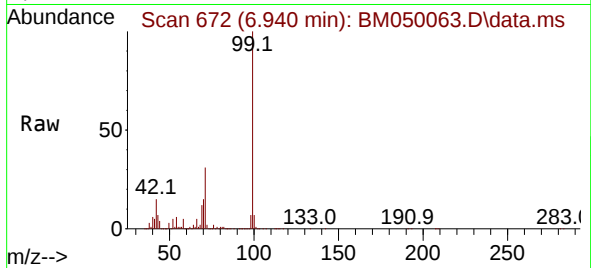




#7
Phenol-d6
Concen: 133.478 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

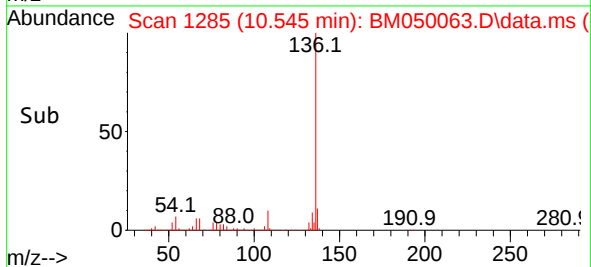
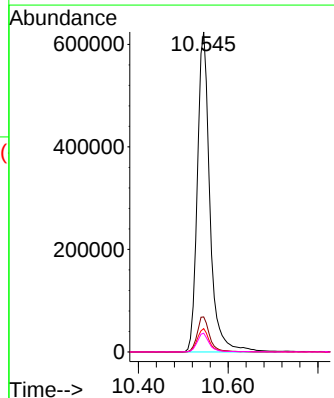
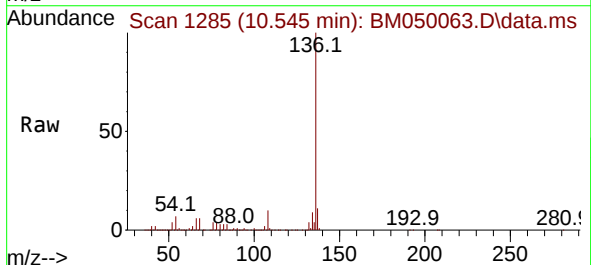
Instrument :
BNA_M
ClientSampleId :
PB167779BL

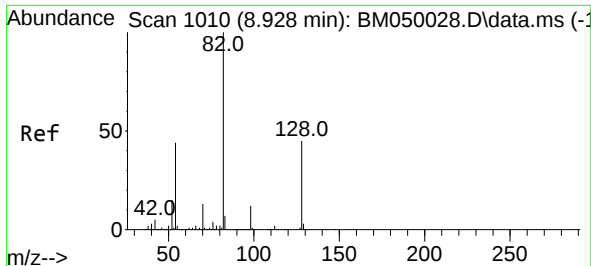
Tgt Ion: 99 Resp: 3469180
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion: 136 Resp: 1207361
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 5.1 7.7
68 5.9 4.4 6.6





#23

Nitrobenzene-d5

Concen: 87.425 ng

RT: 8.910 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BM050063.D

Acq: 01 May 2025 14:04

Instrument :

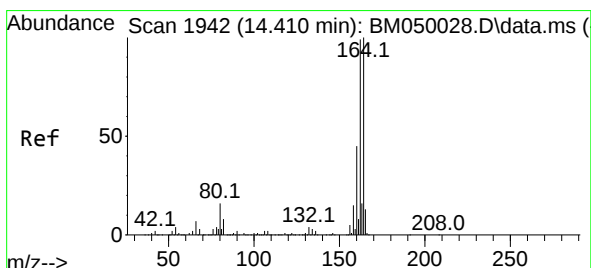
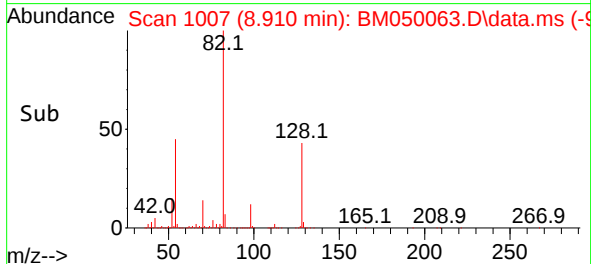
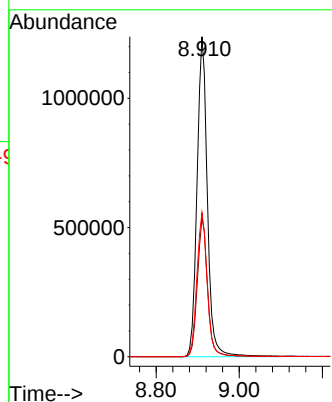
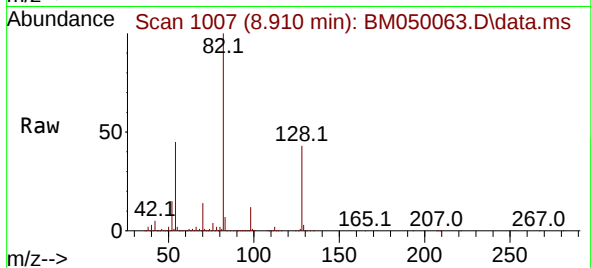
BNA_M

ClientSampleId :

PB167779BL

Tgt Ion: 82 Resp: 2142058

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	45.0	35.4	53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

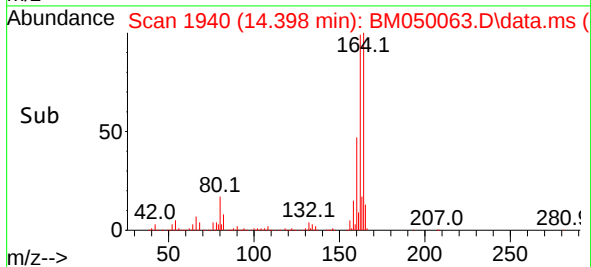
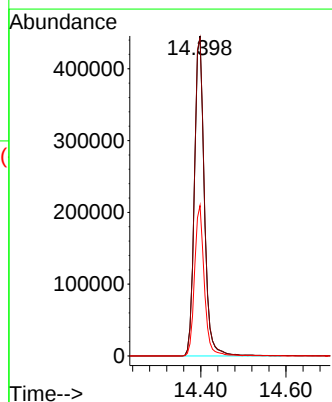
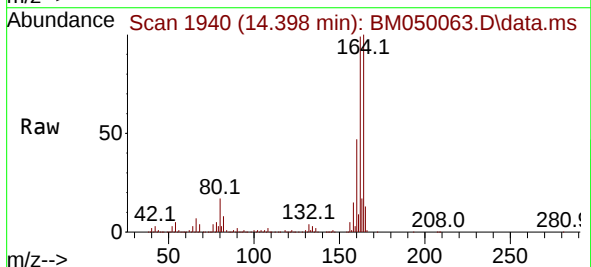
Delta R.T. -0.012 min

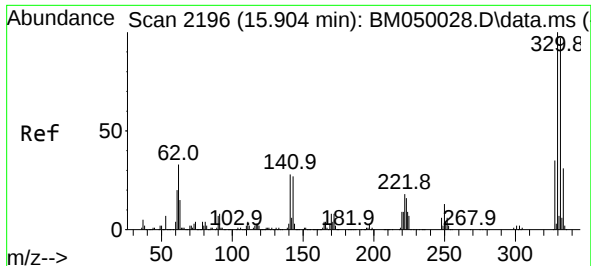
Lab File: BM050063.D

Acq: 01 May 2025 14:04

Tgt Ion:164 Resp: 720688

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	47.0	36.2	54.4

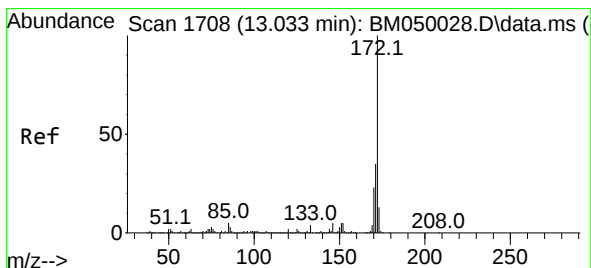
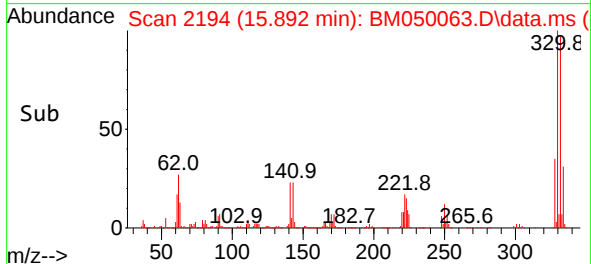
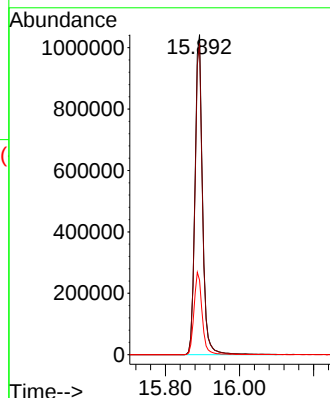
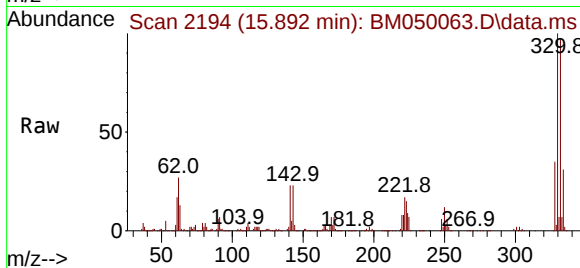




#42
2,4,6-Tribromophenol
Concen: 138.765 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

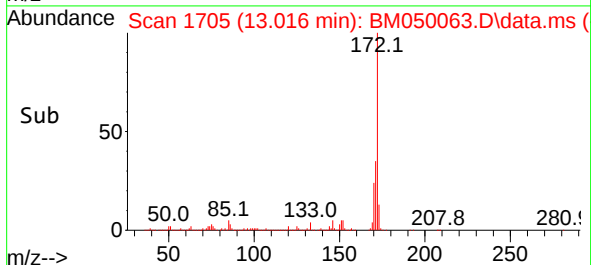
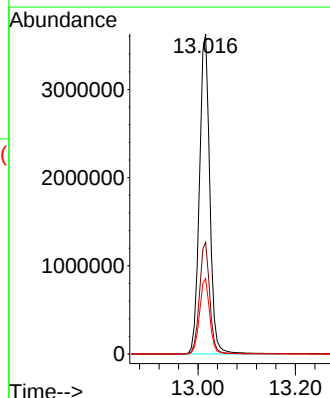
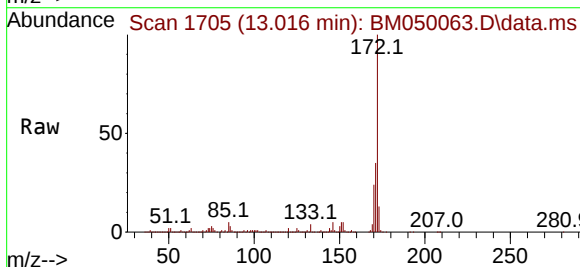
Instrument :
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ClientSampleId :
PB167779BL

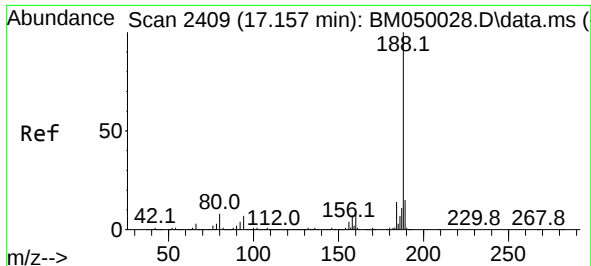
Tgt Ion:330 Resp: 1478724
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 27.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 88.299 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:172 Resp: 5379270
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.6 18.6 28.0

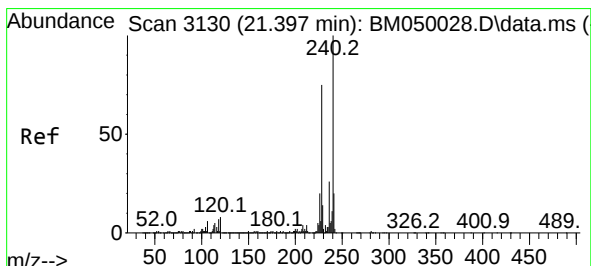
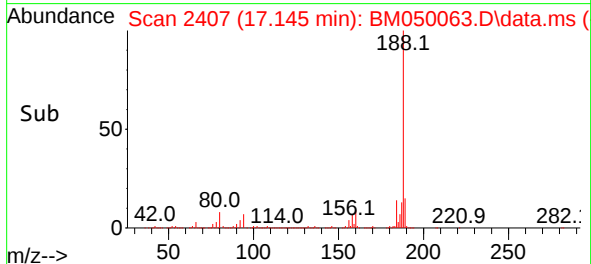
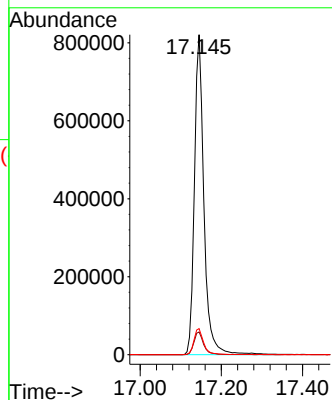
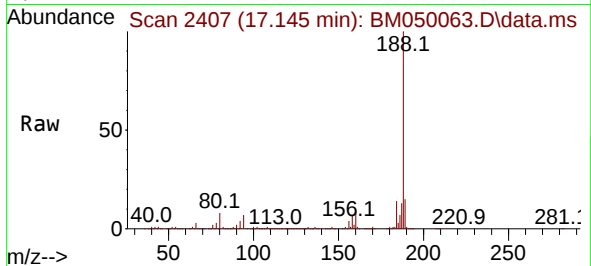




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

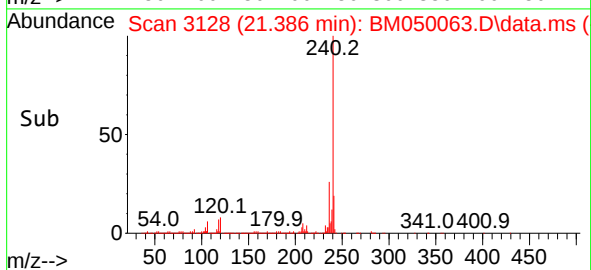
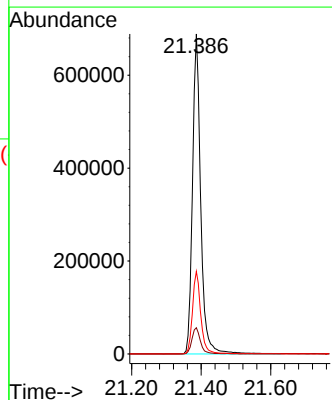
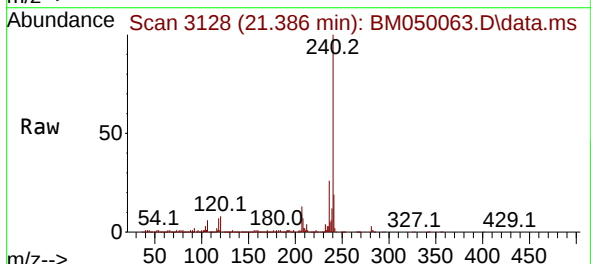
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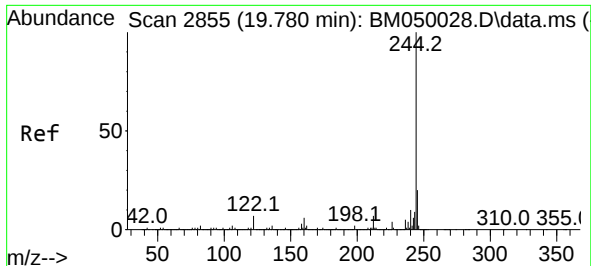
Tgt Ion:188 Resp: 1342353
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.2 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:240 Resp: 1132572
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.8 20.9 31.3

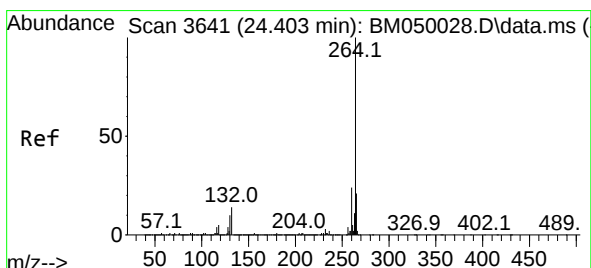
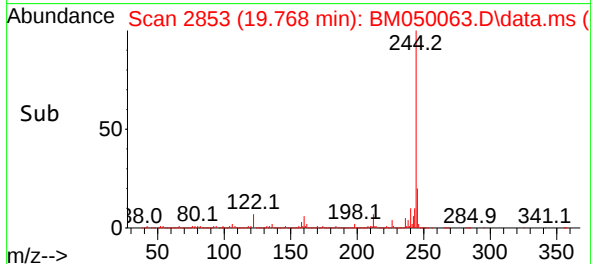
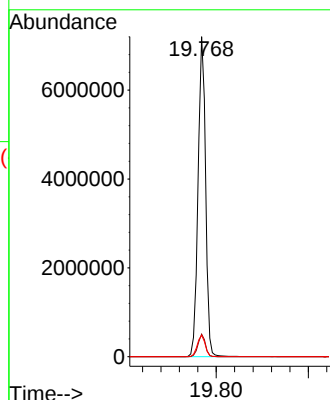
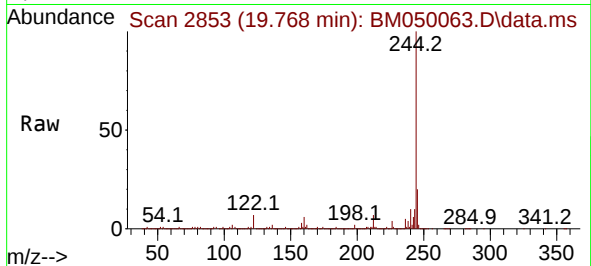




#79
 Terphenyl-d14
 Concen: 106.253 ng
 RT: 19.768 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050063.D
 Acq: 01 May 2025 14:04

Instrument :
 BNA_M
 ClientSampleId :
 PB167779BL

Tgt Ion:244 Resp: 8132476
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.374 min Scan# 3636
 Delta R.T. -0.029 min
 Lab File: BM050063.D
 Acq: 01 May 2025 14:04

Tgt Ion:264 Resp: 1130011
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.6 17.0 25.4

