

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050099.D
 Acq On : 05 May 2025 15:03
 Operator : RC/JU
 Sample : Q1914-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-9

Quant Time: May 05 15:41:52 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

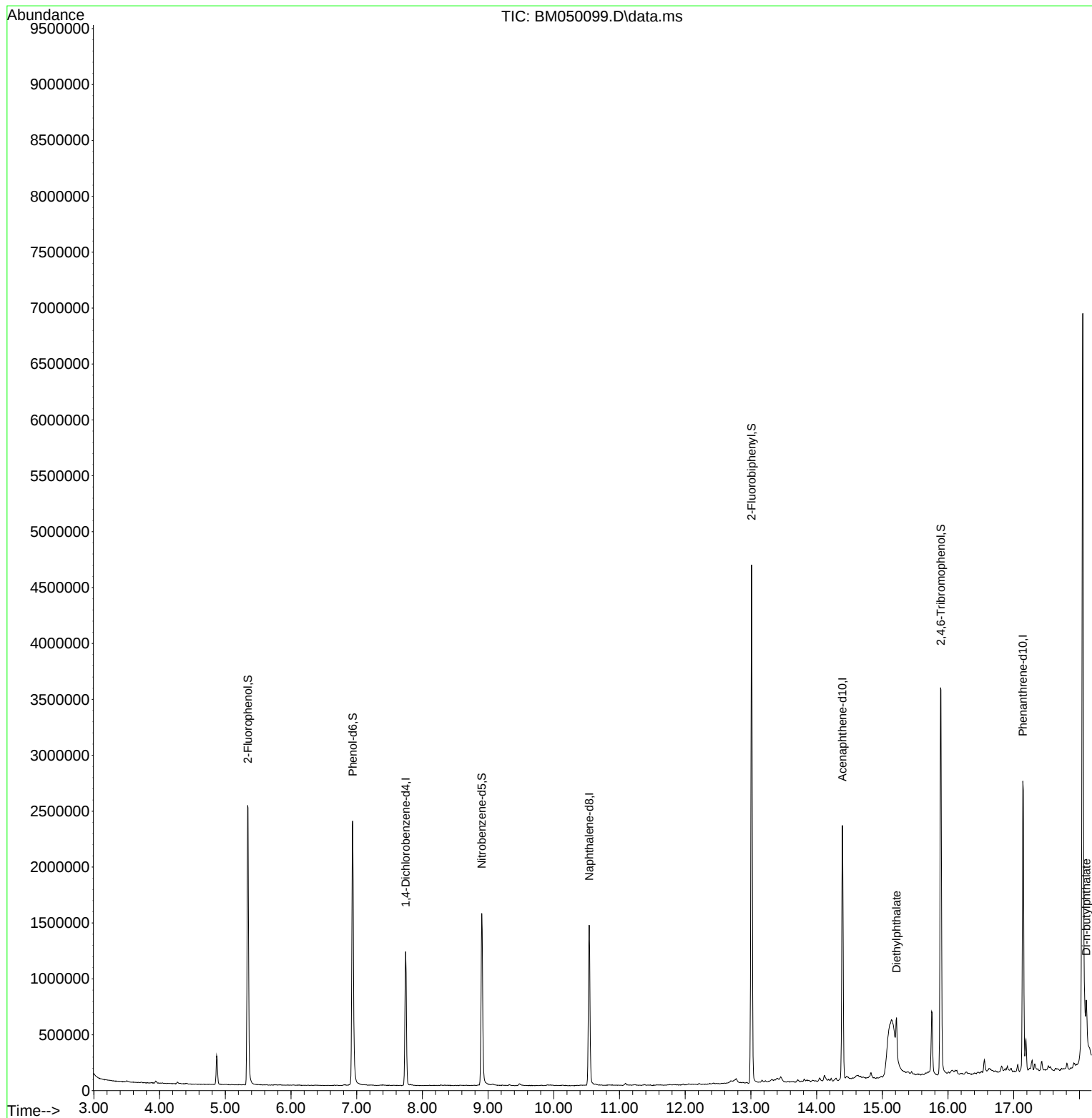
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	354451	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1254837	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	826535	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1612546	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1455814	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1490527	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1244240	61.468	ng	-0.01
7) Phenol-d6	6.939	99	1598190	62.818	ng	-0.01
23) Nitrobenzene-d5	8.904	82	954221	37.471	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	782010	63.987	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	2510748	35.935	ng	-0.02
79) Terphenyl-d14	19.768	244	3531565	35.896	ng	-0.01
Target Compounds						
60) Diethylphthalate	15.215	149	286053	5.026	ng	Qvalue 98
74) Di-n-butylphthalate	18.103	149	277648	2.919	ng	99
75) Fluoranthene	19.203	202	437686	4.099	ng	99
78) Pyrene	19.568	202	409984	4.010	ng	99
81) Benzo(a)anthracene	21.368	228	219552	2.190	ng	97
83) Chrysene	21.427	228	190520	2.053	ng	97
84) Bis(2-ethylhexyl)phtha...	21.280	149	119176	2.084	ng	99
88) Benzo(b)fluoranthene	23.433	252	252177	2.602	ng	# 95
90) Benzo(a)pyrene	24.232	252	188080	2.072	ng	# 95

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

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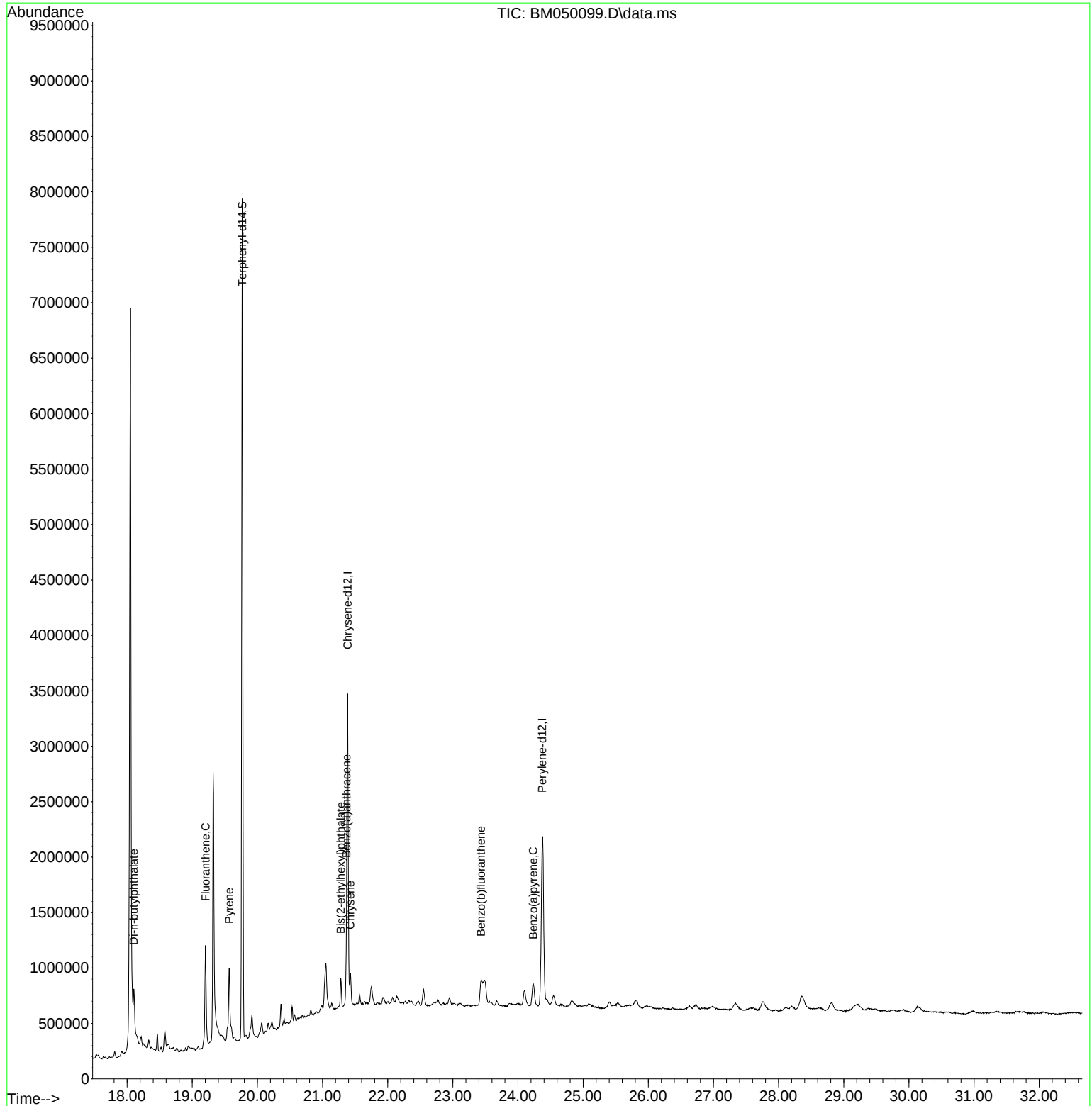
Quant Time: May 05 15:41:52 2025
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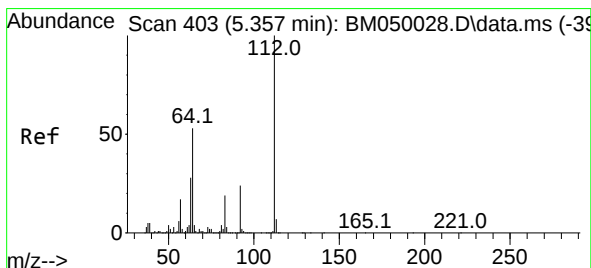
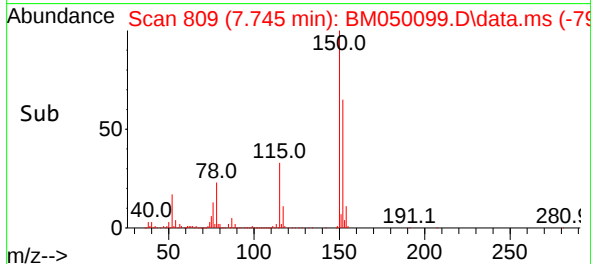
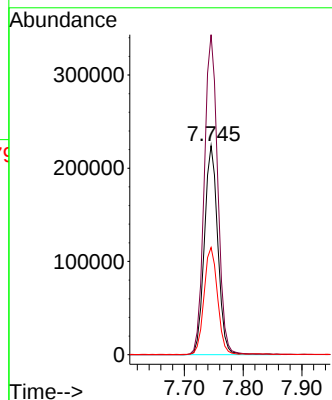
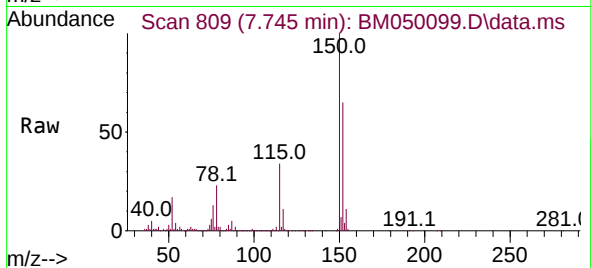




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

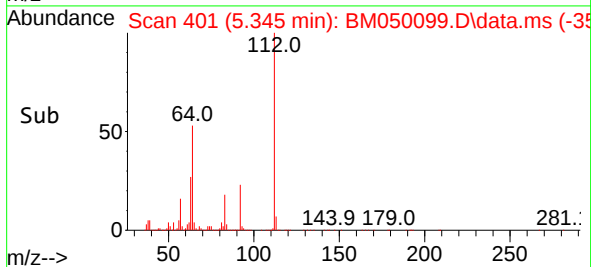
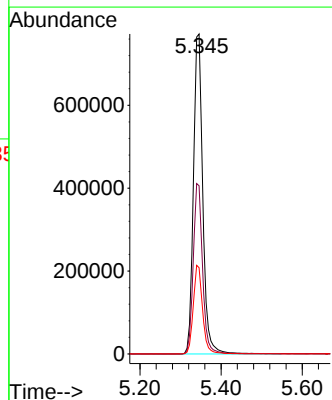
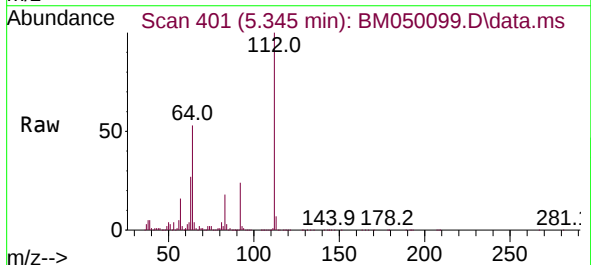
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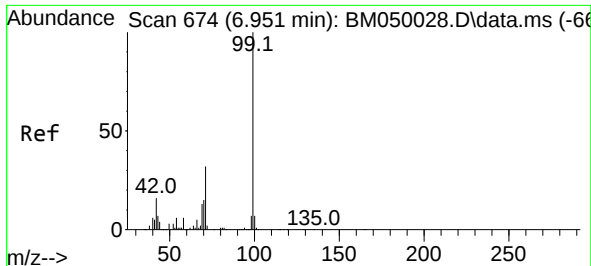
Tgt Ion:152 Resp: 354451
Ion Ratio Lower Upper
152 100
150 153.1 124.1 186.1
115 51.3 41.2 61.8



#5
2-Fluorophenol
Concen: 61.468 ng
RT: 5.345 min Scan# 401
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:112 Resp: 1244240
Ion Ratio Lower Upper
112 100
64 52.6 42.6 64.0
63 26.9 22.2 33.4

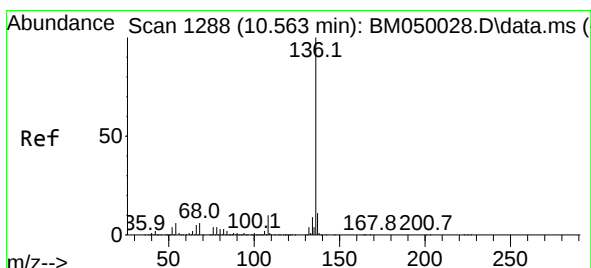
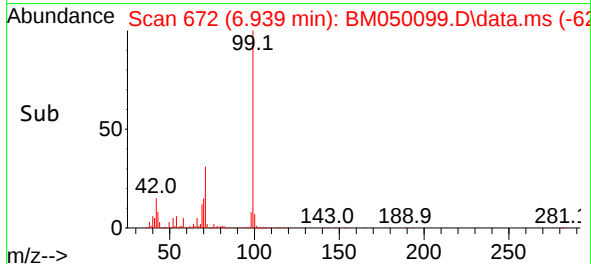
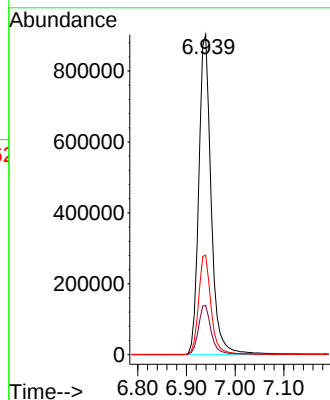
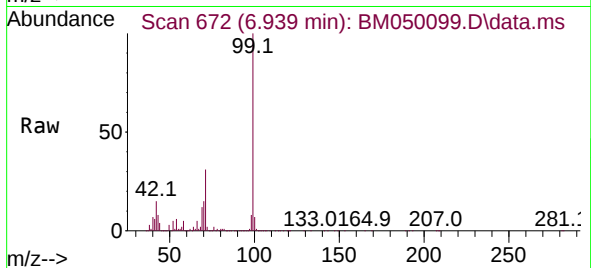




#7
Phenol-d6
Concen: 62.818 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

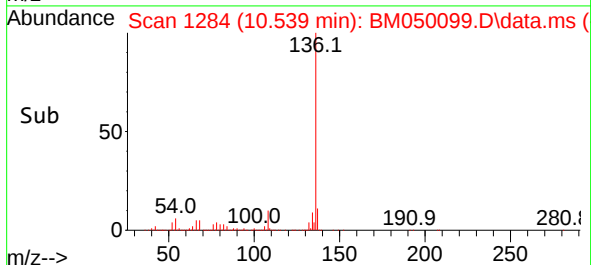
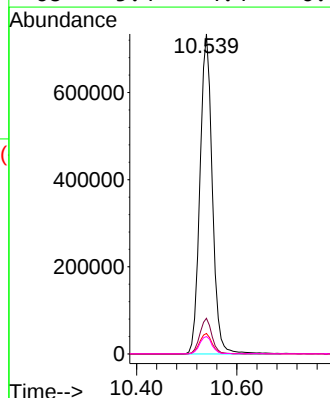
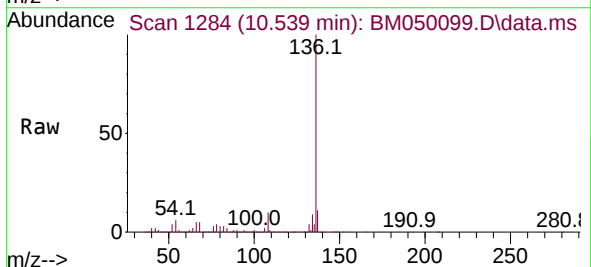
Instrument :
BNA_M
ClientSampleId :
SS-9

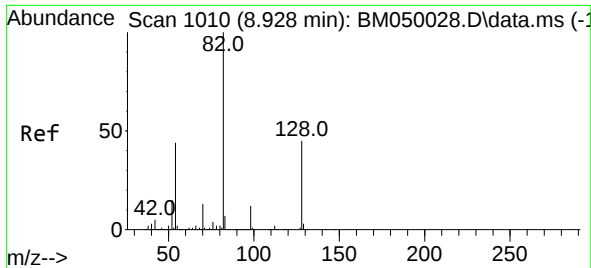
Tgt Ion: 99 Resp: 1598190
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion: 136 Resp: 1254837
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.4 5.1 7.7
68 5.4 4.4 6.6

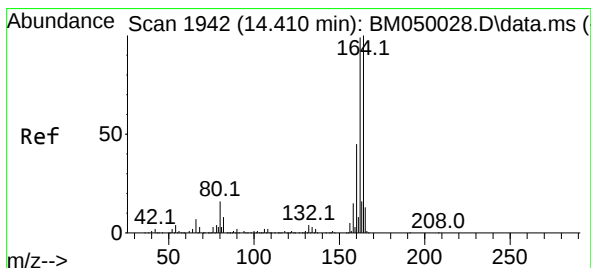
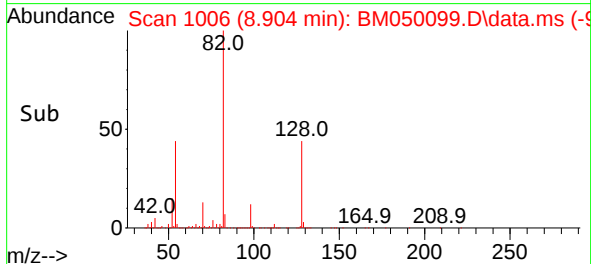
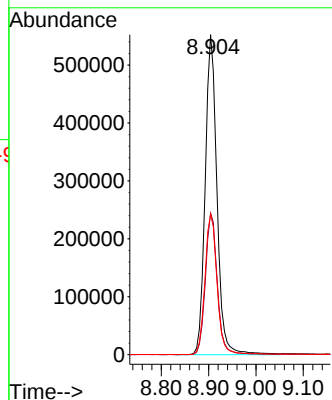
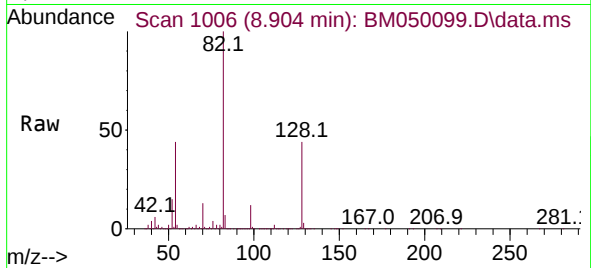




#23
Nitrobenzene-d5
Concen: 37.471 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

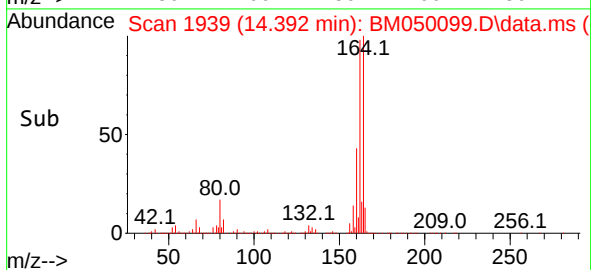
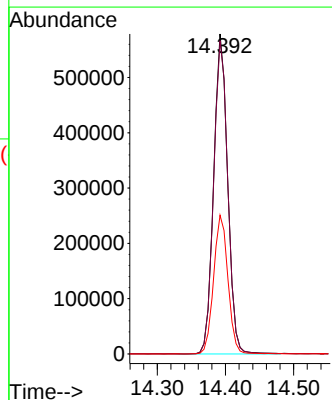
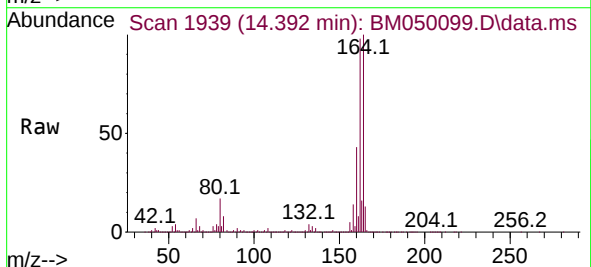
Instrument :
BNA_M
ClientSampleId :
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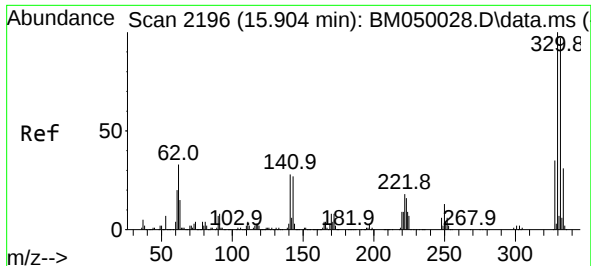
Tgt Ion: 82 Resp: 954221
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 43.9 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:164 Resp: 826535
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.0
160 43.4 36.2 54.4

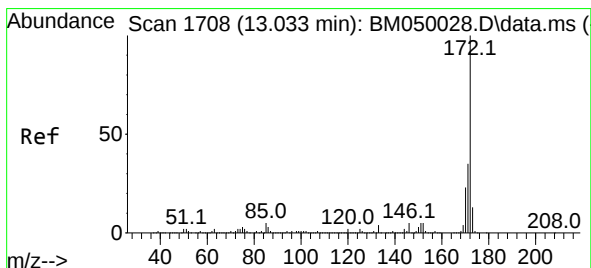
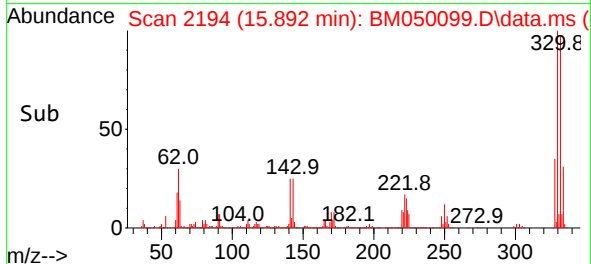
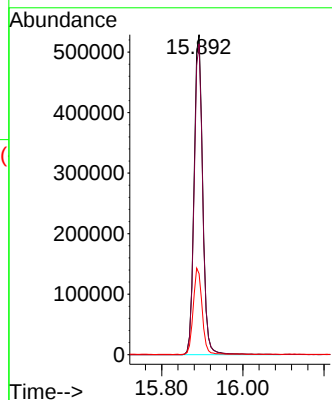
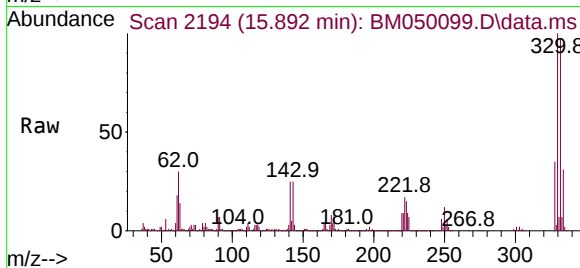




#42
2,4,6-Tribromophenol
Concen: 63.987 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

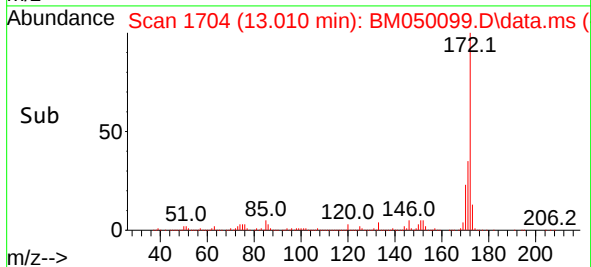
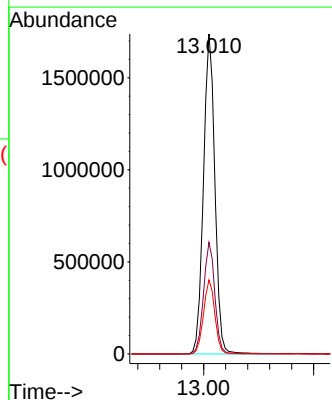
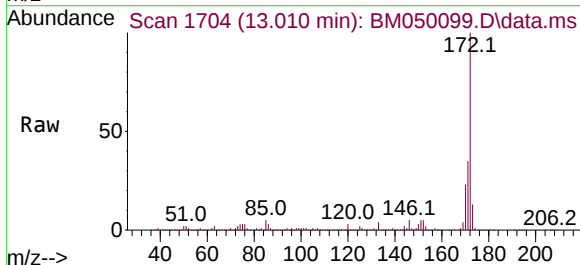
Instrument :
BNA_M
ClientSampleId :
SS-9

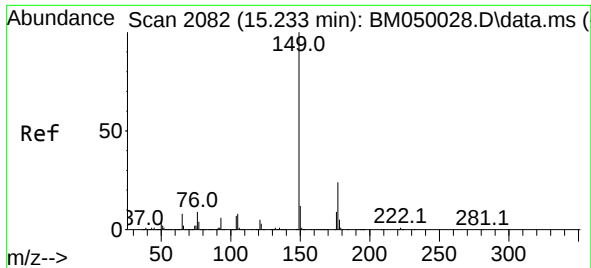
Tgt Ion:330 Resp: 782010
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 27.7 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 35.935 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:172 Resp: 2510748
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.2 18.6 28.0

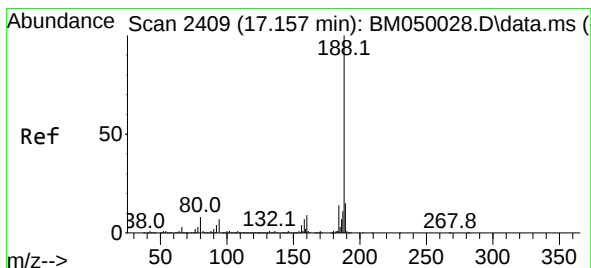
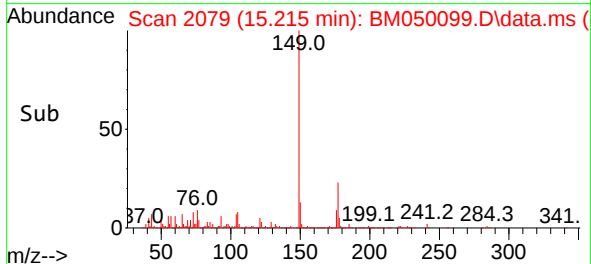
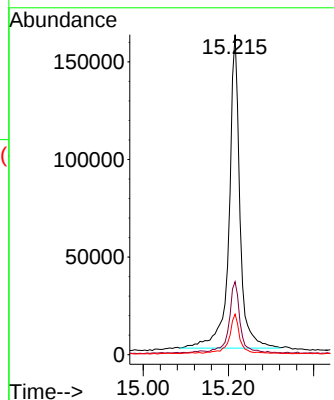
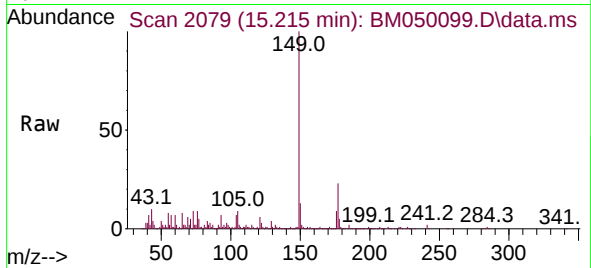




#60
Diethylphthalate
Concen: 5.026 ng
RT: 15.215 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

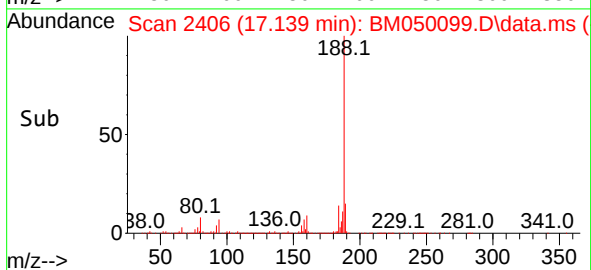
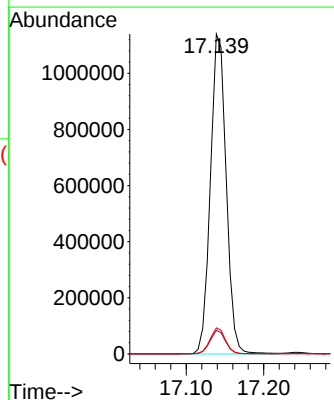
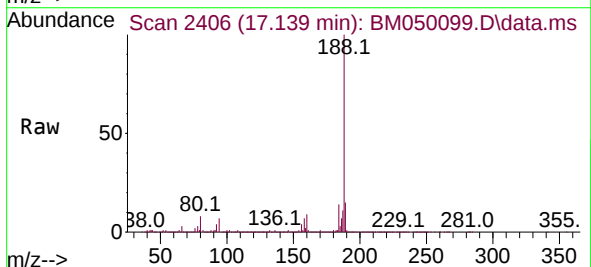
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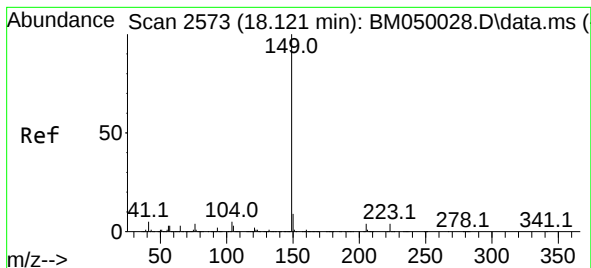
Tgt Ion:149 Resp: 286053
Ion Ratio Lower Upper
149 100
177 22.8 19.1 28.7
150 12.7 9.6 14.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:188 Resp: 1612546
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 6.2 9.4





#74

Di-n-butylphthalate

Concen: 2.919 ng

RT: 18.103 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050099.D

Acq: 05 May 2025 15:03

Instrument :

BNA_M

ClientSampleId :

SS-9

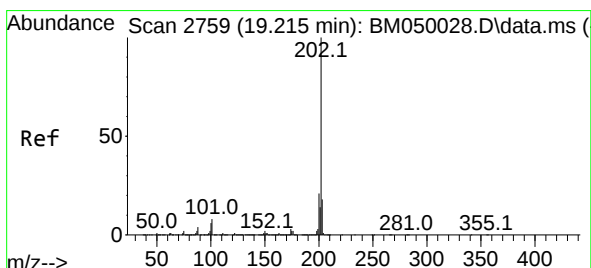
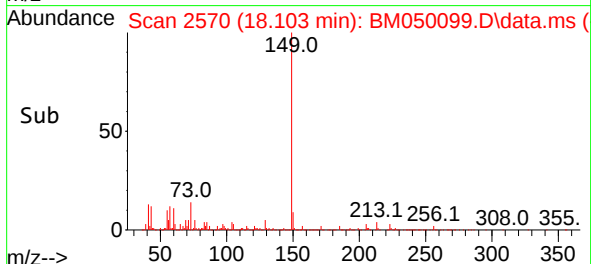
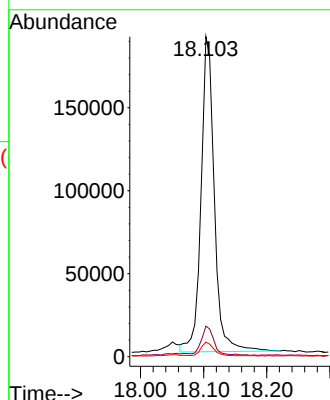
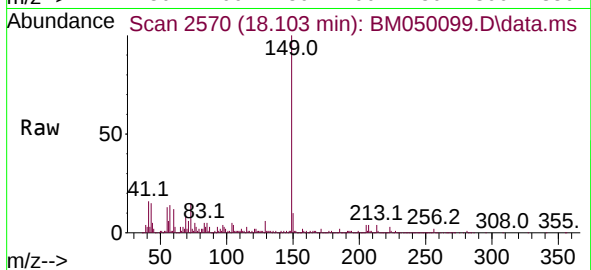
Tgt Ion:149 Resp: 277648

Ion Ratio Lower Upper

149 100

150 9.6 7.3 10.9

104 4.6 3.8 5.6



#75

Fluoranthene

Concen: 4.099 ng

RT: 19.203 min Scan# 2757

Delta R.T. -0.012 min

Lab File: BM050099.D

Acq: 05 May 2025 15:03

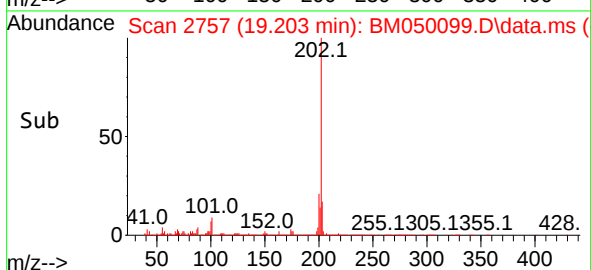
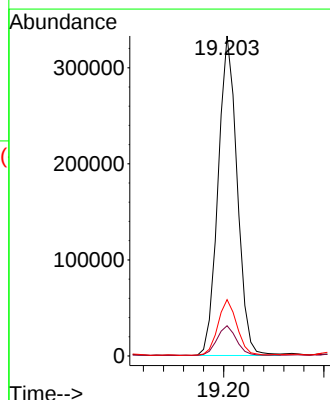
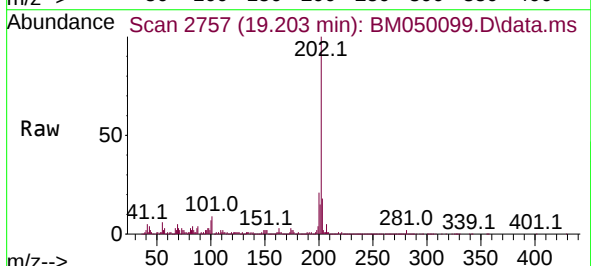
Tgt Ion:202 Resp: 437686

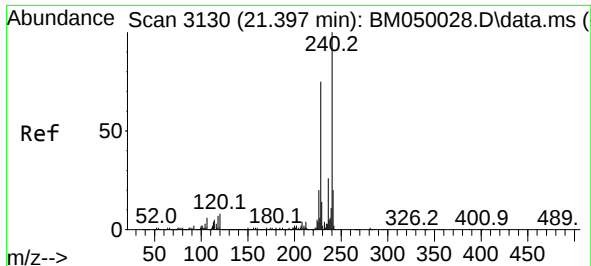
Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.0

203 17.6 0.0 37.7

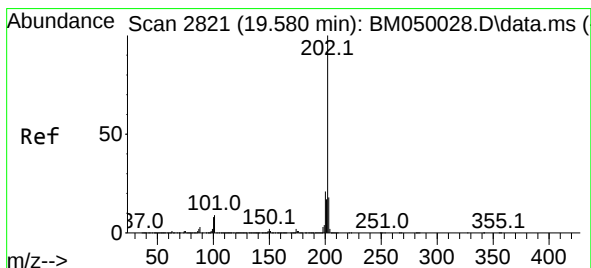
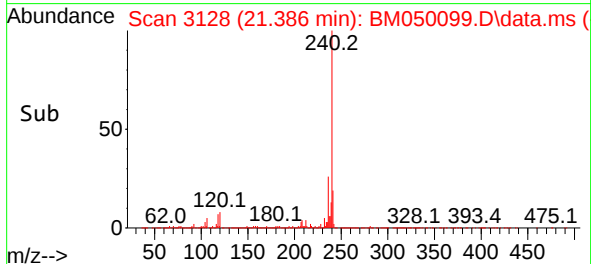
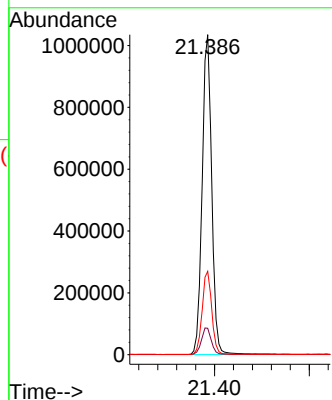
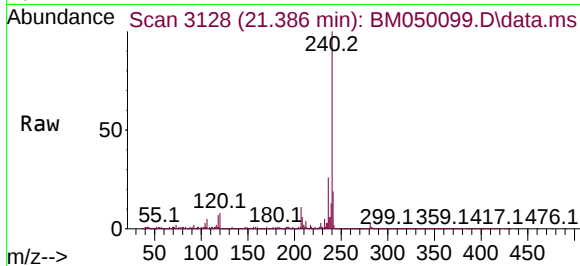




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.011 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

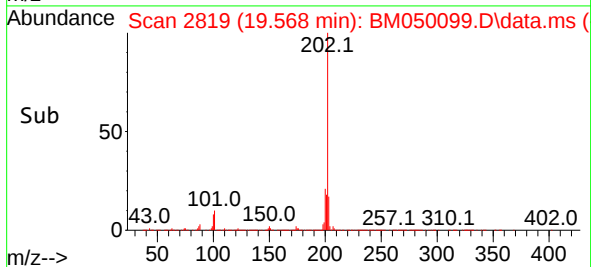
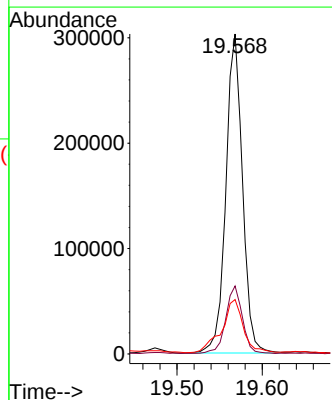
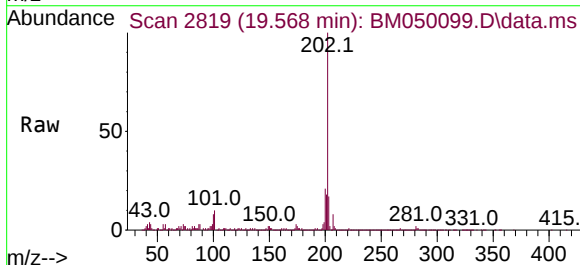
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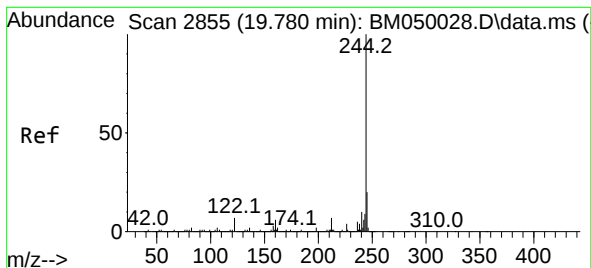
Tgt Ion:240 Resp: 1455814
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.0 20.9 31.3



#78
Pyrene
Concen: 4.010 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:202 Resp: 409984
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.0 14.1 21.1





#79

Terphenyl-d14

Concen: 35.896 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050099.D

Acq: 05 May 2025 15:03

Instrument :

BNA_M

ClientSampleId :

SS-9

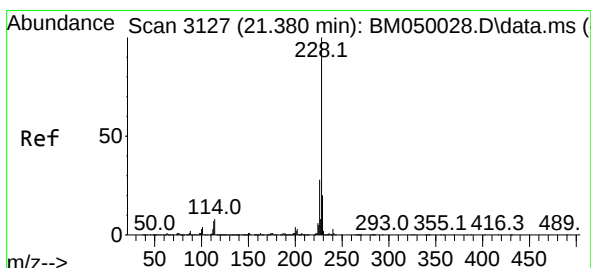
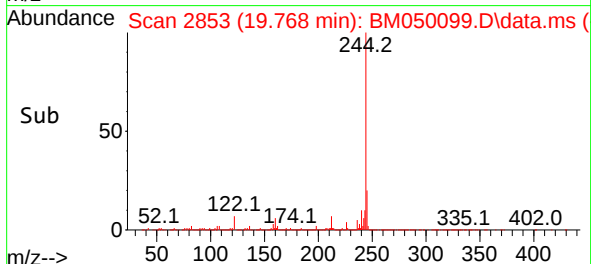
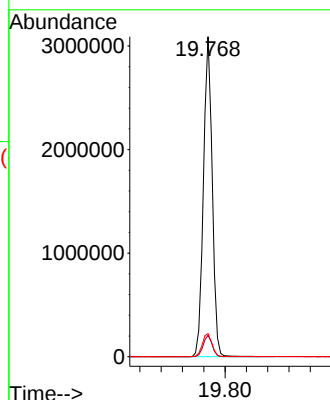
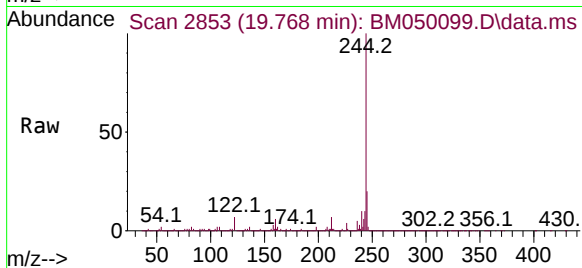
Tgt Ion:244 Resp: 3531565

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 7.2 5.6 8.4



#81

Benzo(a)anthracene

Concen: 2.190 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM050099.D

Acq: 05 May 2025 15:03

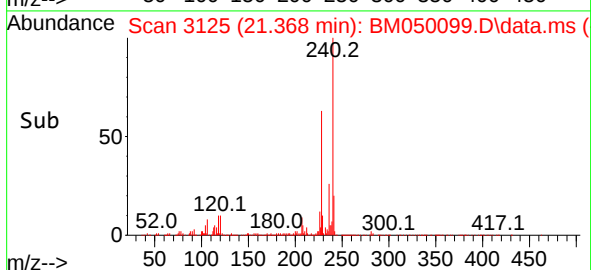
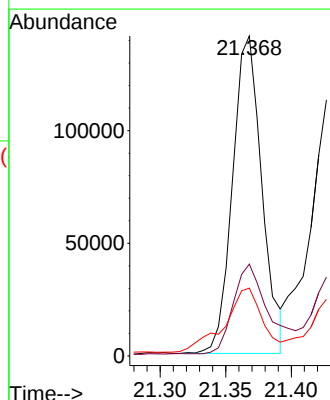
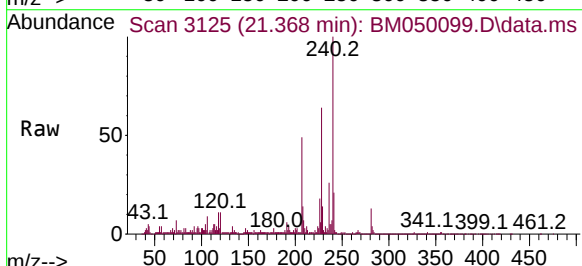
Tgt Ion:228 Resp: 219552

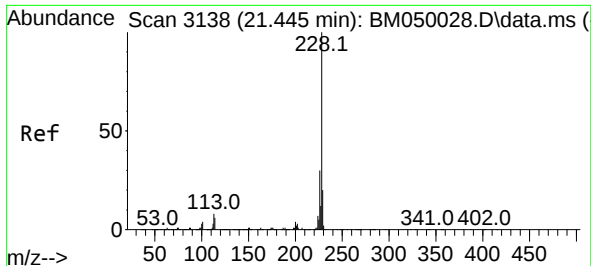
Ion Ratio Lower Upper

228 100

226 28.7 22.1 33.1

229 21.2 15.7 23.5

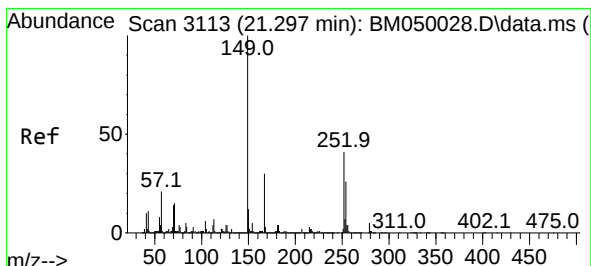
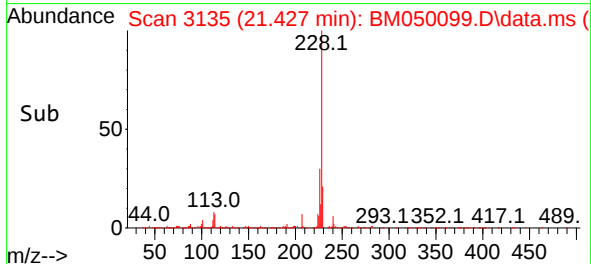
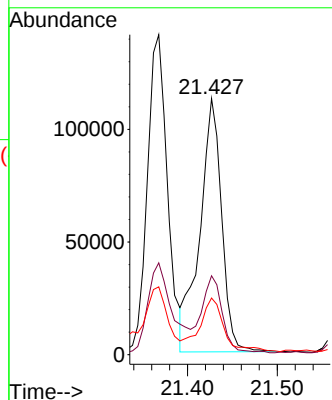
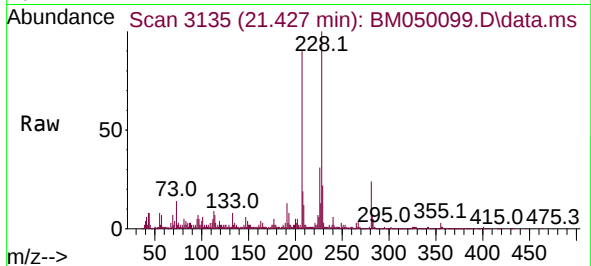




#83
Chrysene
Concen: 2.053 ng
RT: 21.427 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

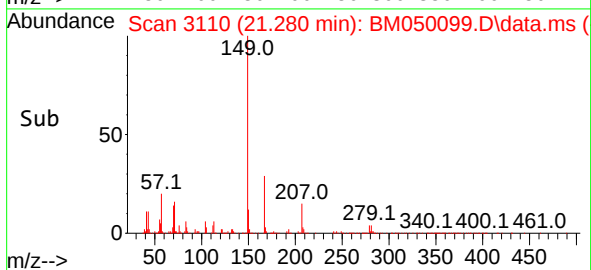
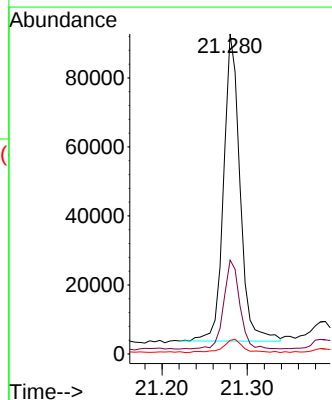
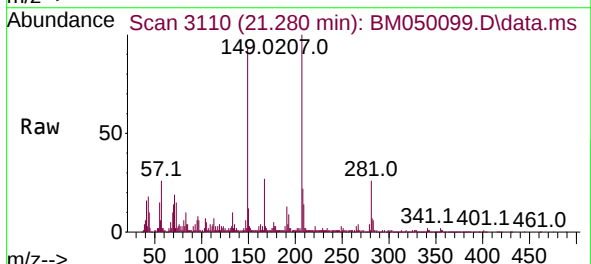
Instrument :
BNA_M
ClientSampleId :
SS-9

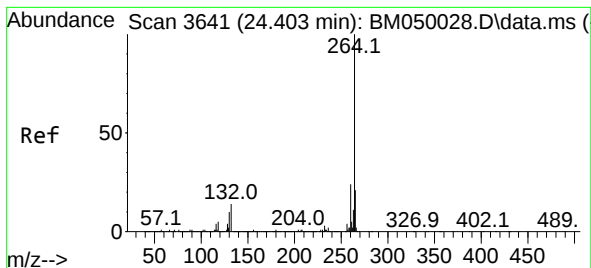
Tgt Ion:228 Resp: 190520
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 22.1 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.084 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050099.D
Acq: 05 May 2025 15:03

Tgt Ion:149 Resp: 119176
Ion Ratio Lower Upper
149 100
167 29.4 24.1 36.1
279 4.3 3.9 5.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3

Delta R.T. -0.030 min

Lab File: BM050099.D

Acq: 05 May 2025 15:03

Instrument :

BNA_M

ClientSampleId :

SS-9

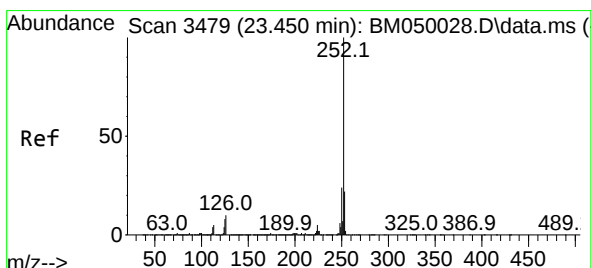
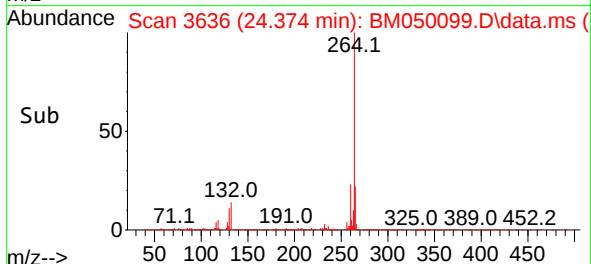
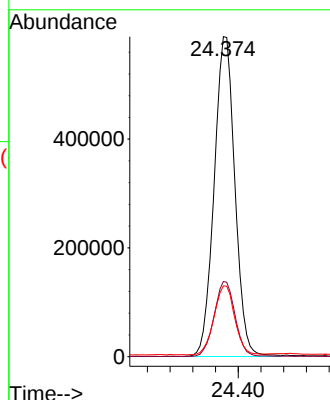
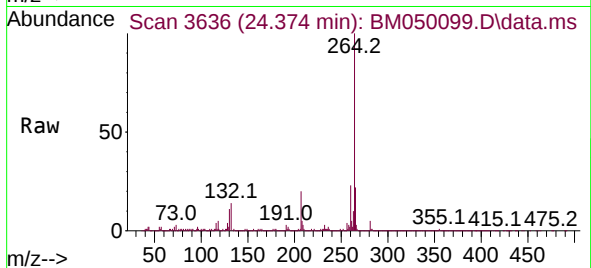
Tgt Ion:264 Resp: 1490527

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.2 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.602 ng

RT: 23.433 min Scan# 3476

Delta R.T. -0.018 min

Lab File: BM050099.D

Acq: 05 May 2025 15:03

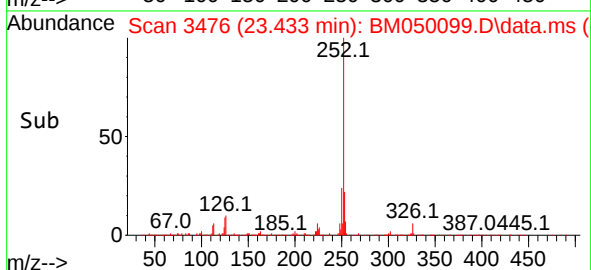
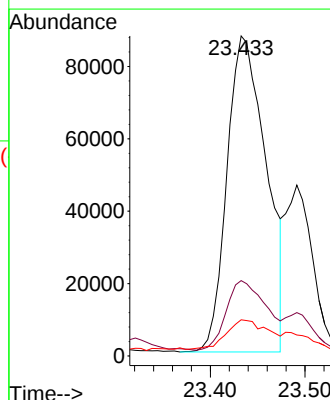
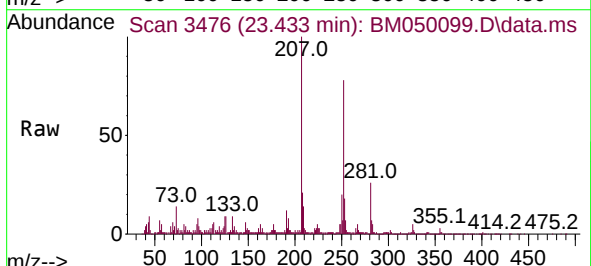
Tgt Ion:252 Resp: 252177

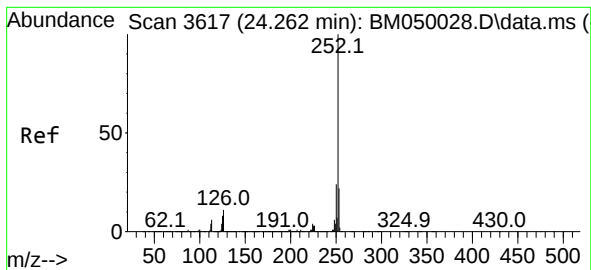
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 11.3 6.1 9.1#





#90

Benzo(a)pyrene

Concen: 2.072 ng

RT: 24.232 min Scan# 30

Delta R.T. -0.030 min

Lab File: BM050099.D

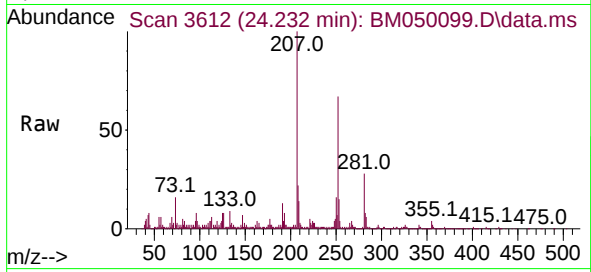
Acq: 05 May 2025 15:03

Instrument :

BNA_M

ClientSampleId :

SS-9



Tgt Ion:252 Resp: 188080

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 11.8 6.6 9.8#

