

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050163.D
 Acq On : 09 May 2025 17:25
 Operator : RC/JU
 Sample : Q1983-37
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-636-COMP-07

Quant Time: May 09 18:10:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

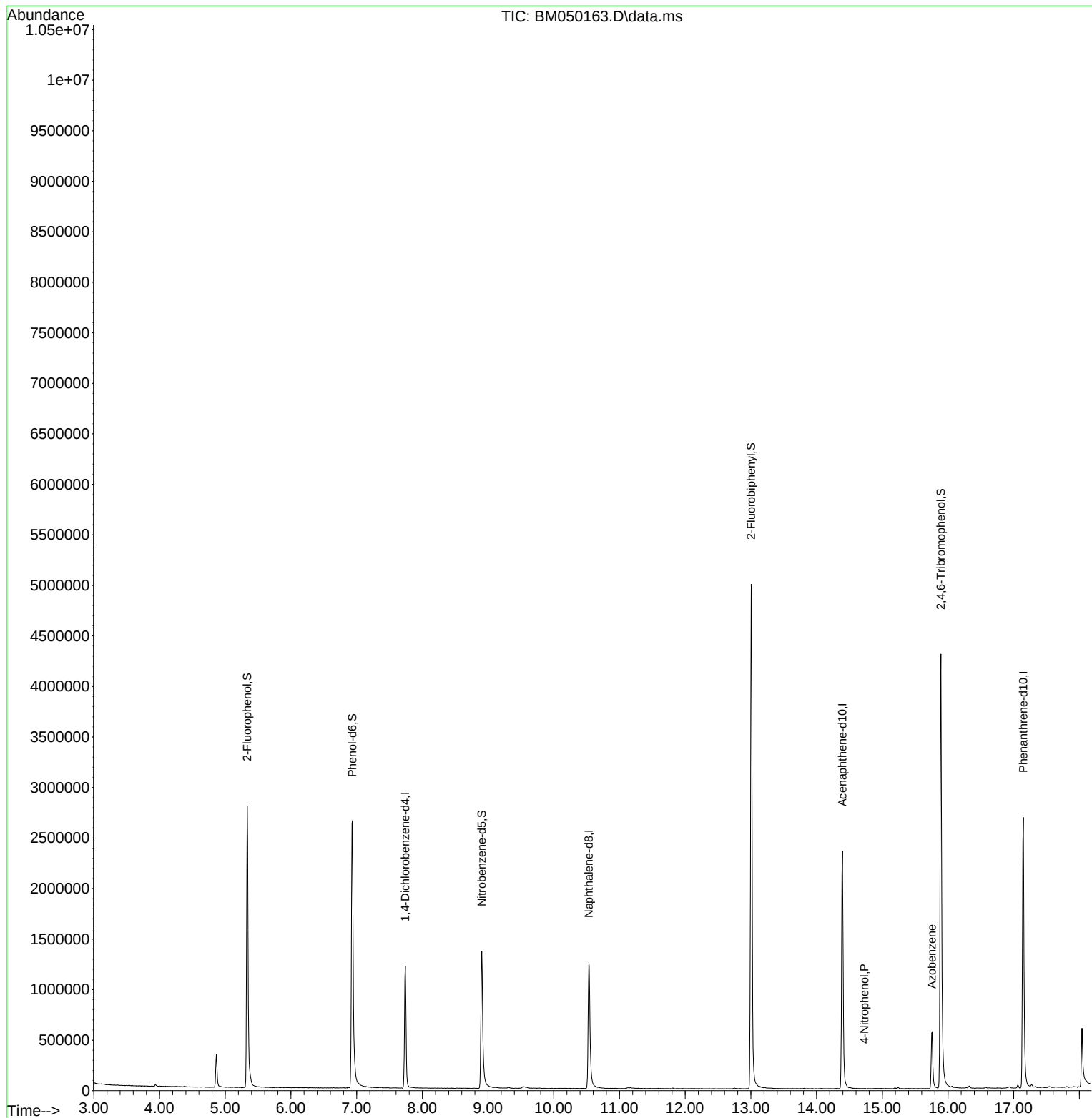
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	364170	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1361906	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	991162	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1936054	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1246346	20.000	ng	0.00
86) Perylene-d12	24.386	264	1131672	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1393247	66.993	ng	-0.02
7) Phenol-d6	6.934	99	2004997	76.705	ng	-0.02
23) Nitrobenzene-d5	8.905	82	1019598	36.891	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1086015	74.102	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	3159609	37.711	ng	-0.03
79) Terphenyl-d14	19.769	244	4444141	52.764	ng	-0.01
Target Compounds						
56) 4-Nitrophenol	14.728	139	54	4.538	ng	# 11
63) Azobenzene	15.751	77	193856	3.389	ng	# 1

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

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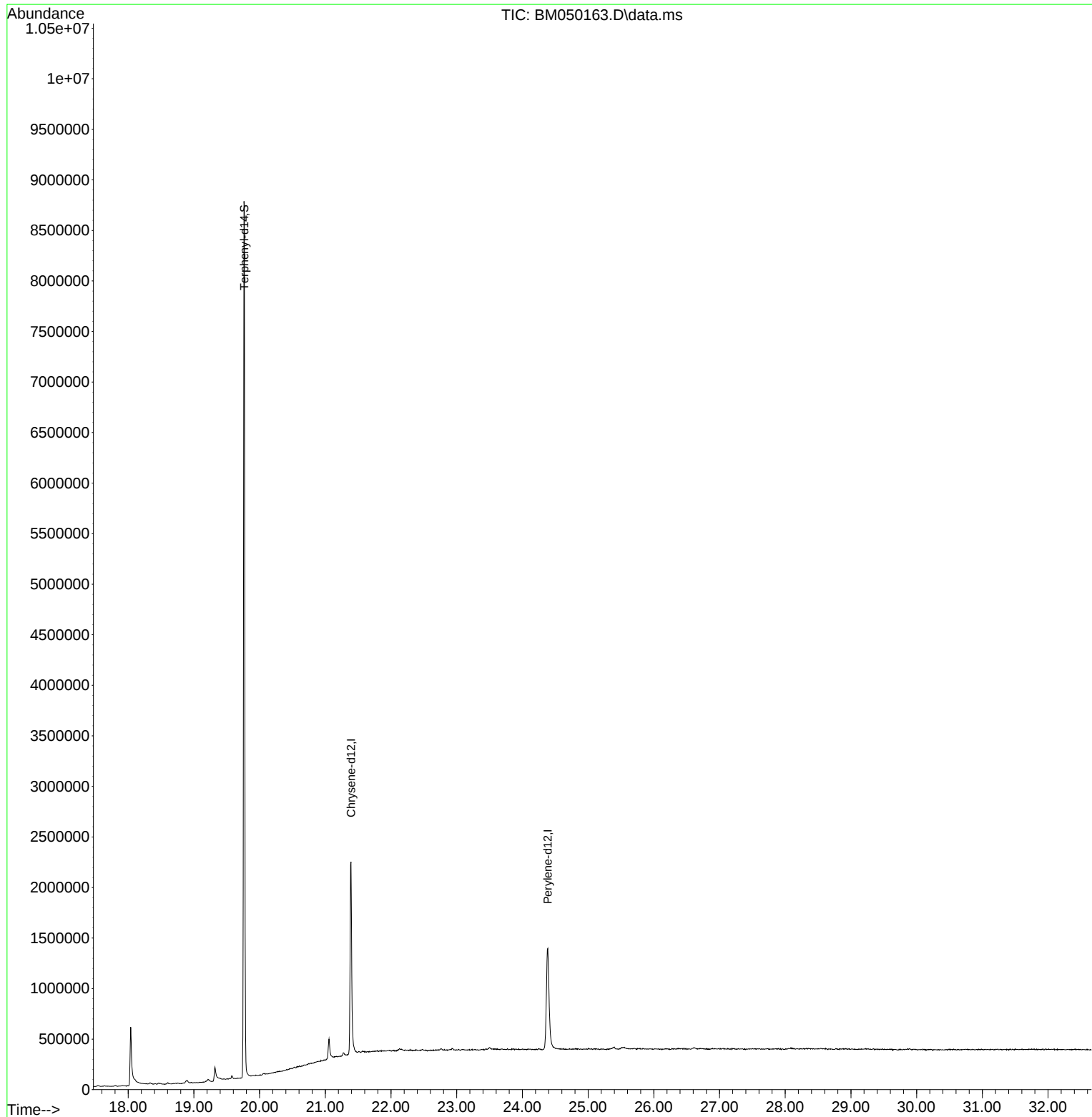
Quant Time: May 09 18:10:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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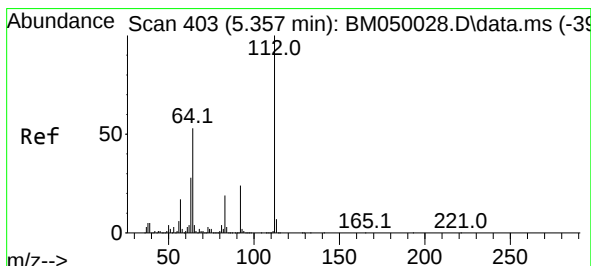
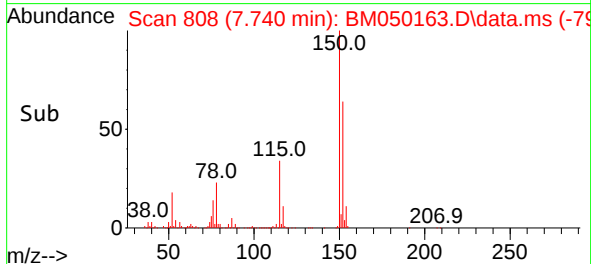
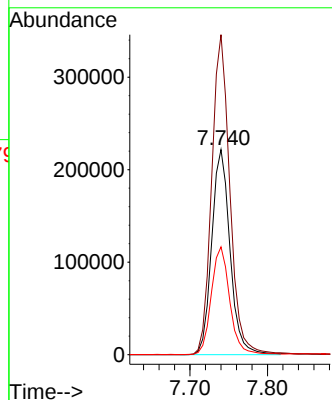
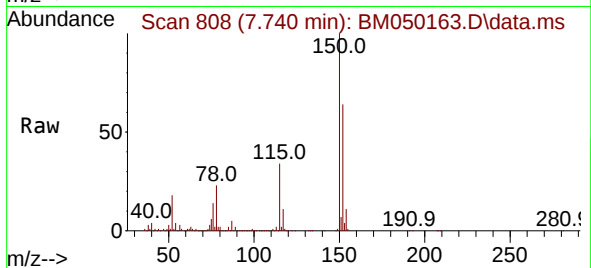




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 808
Delta R.T. -0.029 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

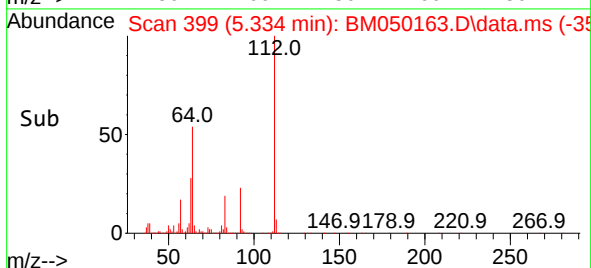
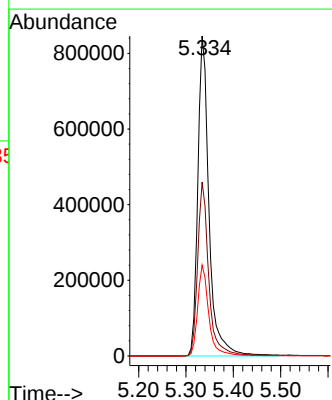
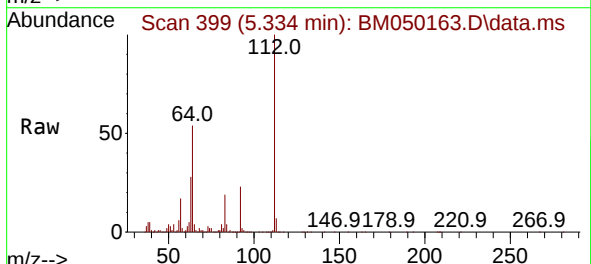
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-07

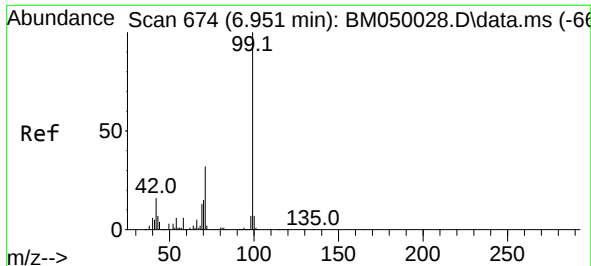
Tgt Ion:152 Resp: 364170
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 52.6 41.2 61.8



#5
2-Fluorophenol
Concen: 66.993 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.023 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

Tgt Ion:112 Resp: 1393247
Ion Ratio Lower Upper
112 100
64 54.3 42.6 64.0
63 28.4 22.2 33.4

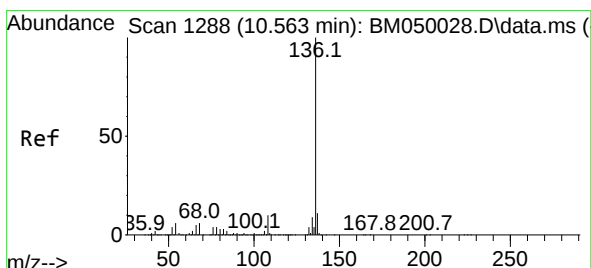
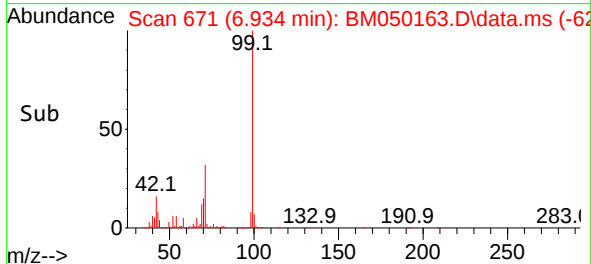
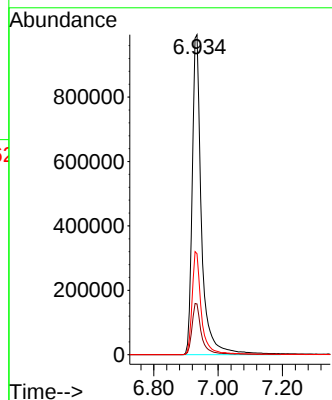
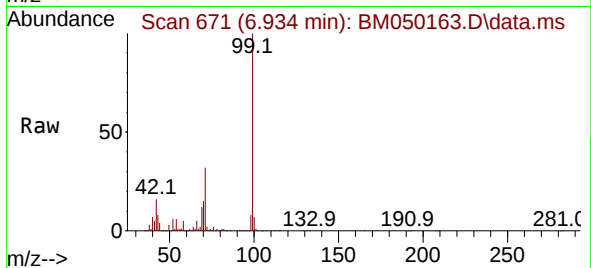




#7
Phenol-d6
Concen: 76.705 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

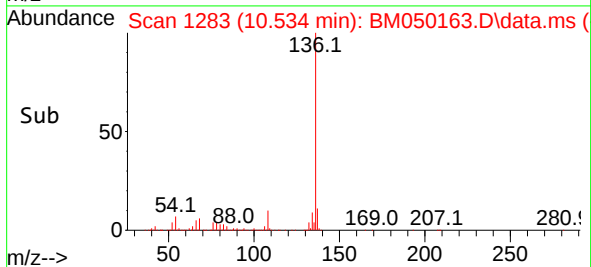
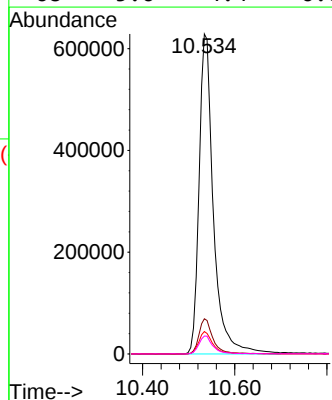
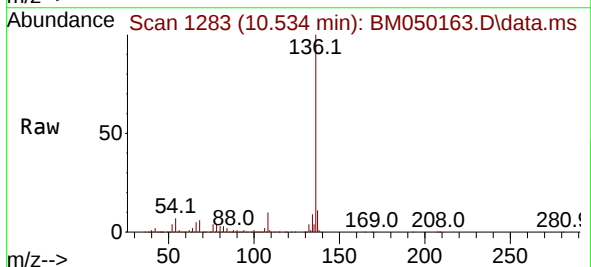
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-07

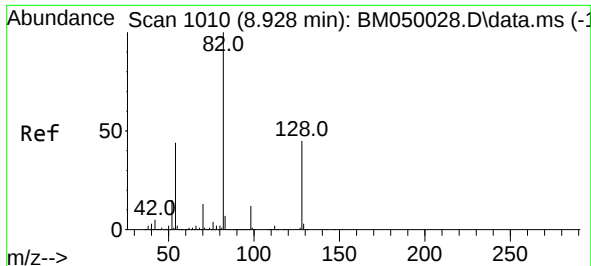
Tgt Ion: 99 Resp: 2004997
Ion Ratio Lower Upper
99 100
42 15.8 13.0 19.4
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

Tgt Ion: 136 Resp: 1361906
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.0 5.1 7.7
68 5.6 4.4 6.6

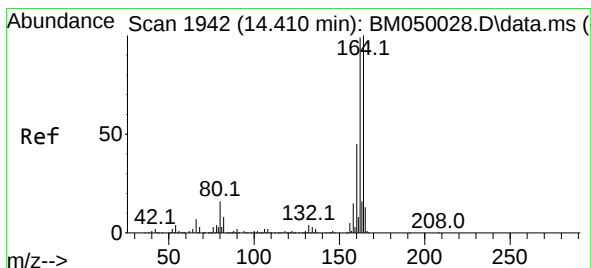
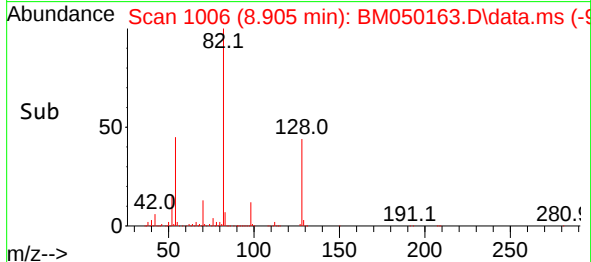
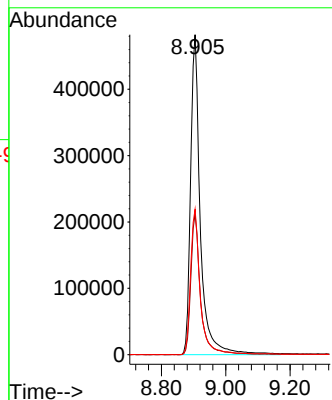
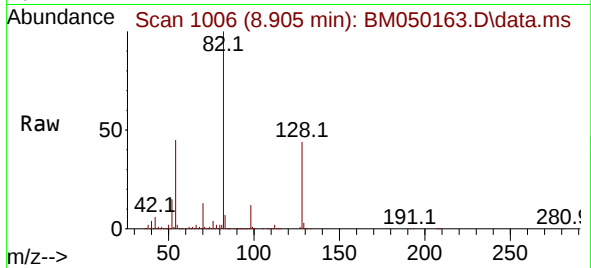




#23
Nitrobenzene-d5
Concen: 36.891 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

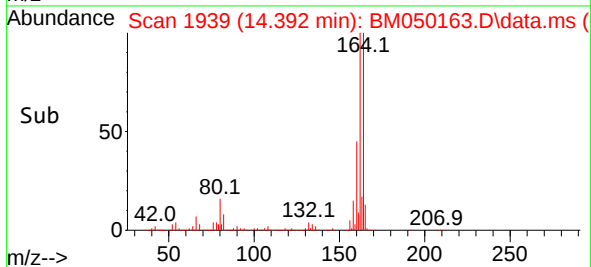
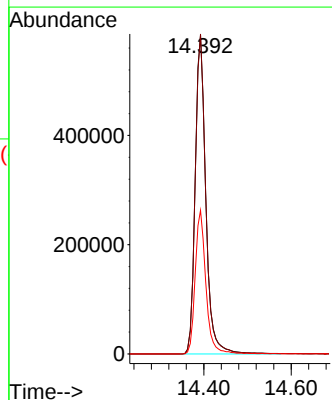
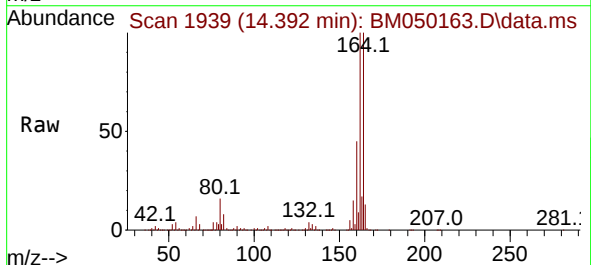
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-07

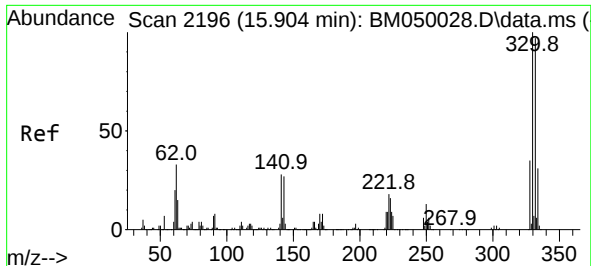
Tgt Ion: 82 Resp: 1019598
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 45.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

Tgt Ion: 164 Resp: 991162
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 74.102 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM050163.D

Acq: 09 May 2025 17:25

Instrument :

BNA_M

ClientSampleId :

OR-636-COMP-07

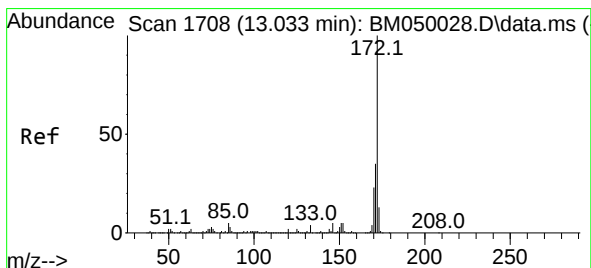
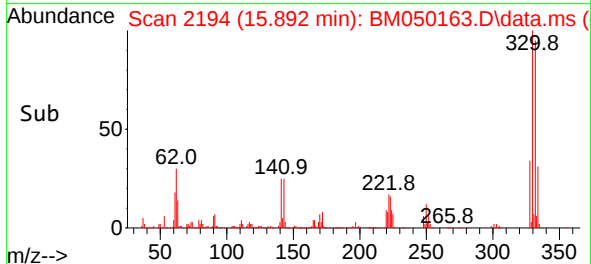
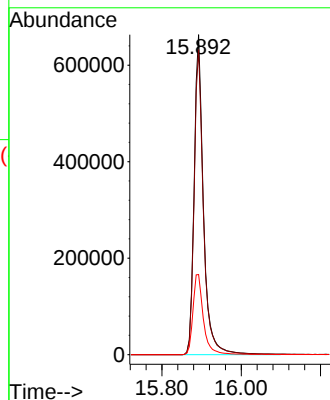
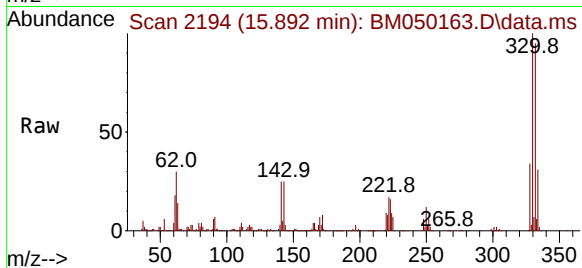
Tgt Ion:330 Resp: 1086015

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 28.1 22.5 33.7



#45

2-Fluorobiphenyl

Concen: 37.711 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.029 min

Lab File: BM050163.D

Acq: 09 May 2025 17:25

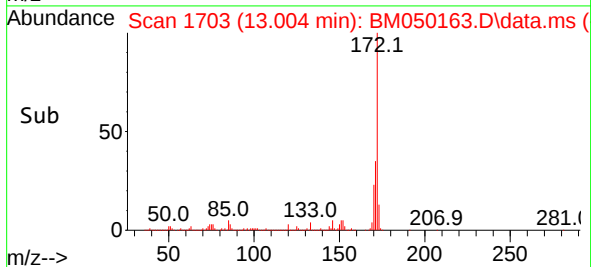
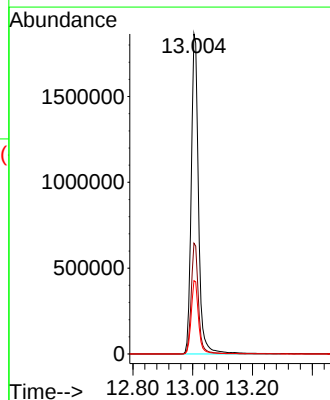
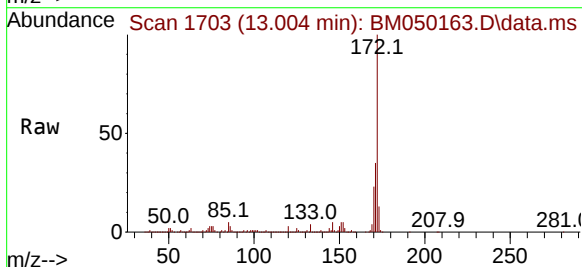
Tgt Ion:172 Resp: 3159609

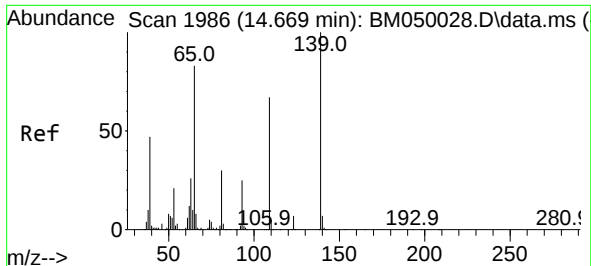
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 22.9 18.6 28.0

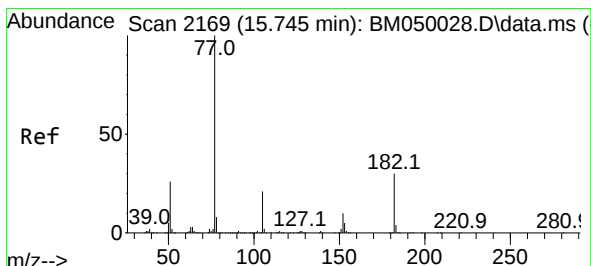
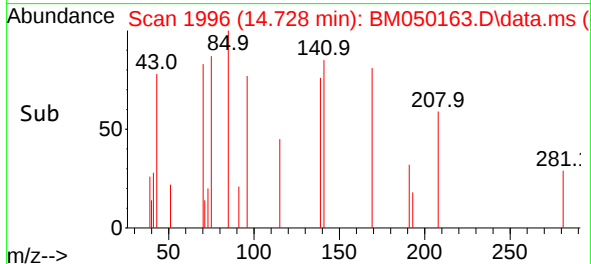
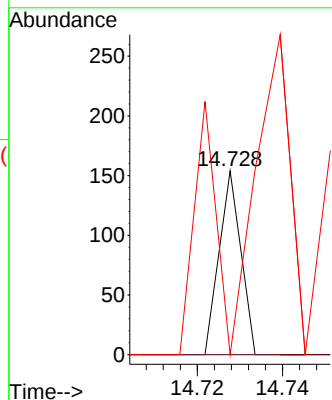
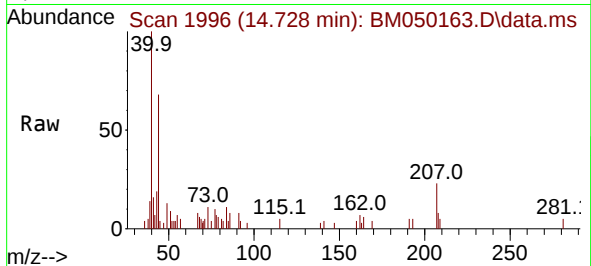




#56
4-Nitrophenol
Concen: 4.538 ng
RT: 14.728 min Scan# 1986
Delta R.T. 0.059 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

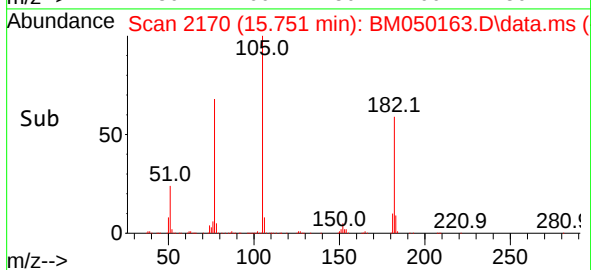
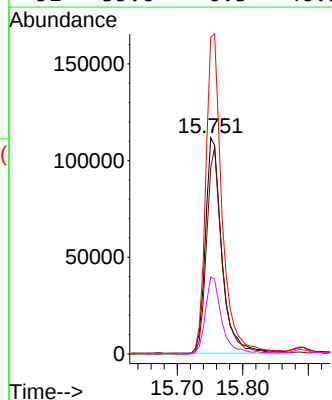
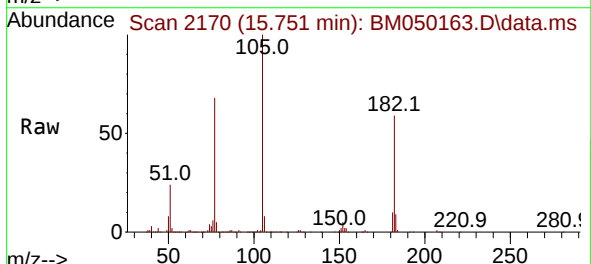
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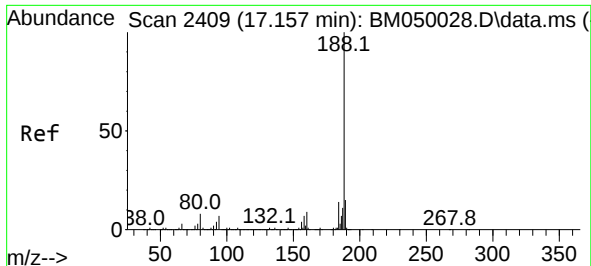
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 47.0 87.0#
65 0.0 64.3 104.3#



#63
Azobenzene
Concen: 3.389 ng
RT: 15.751 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

Tgt Ion: 77 Resp: 193856
Ion Ratio Lower Upper
77 100
182 86.1 10.5 50.5#
105 146.5 1.1 41.1#
51 35.6 6.3 46.3

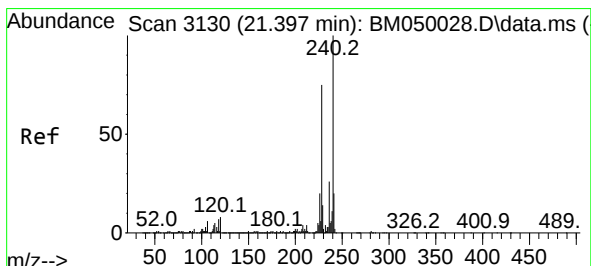
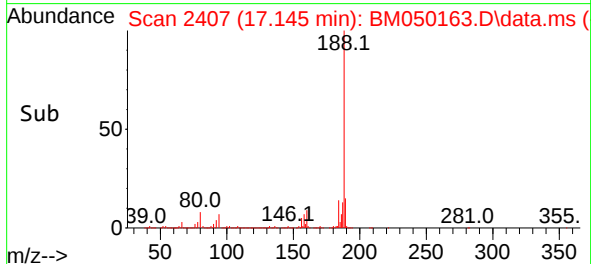
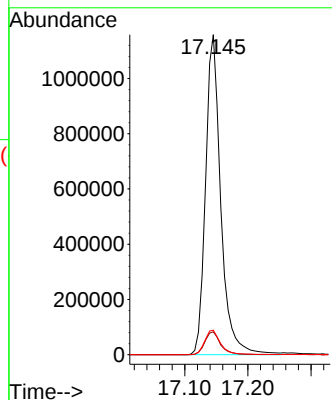
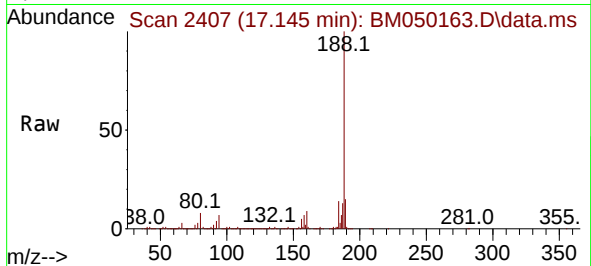




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

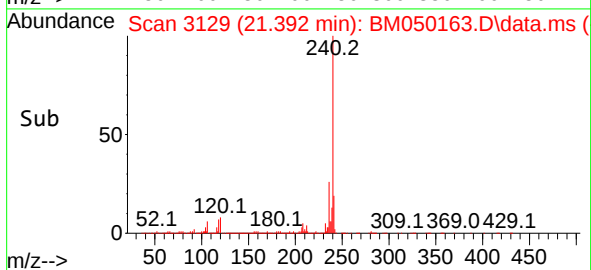
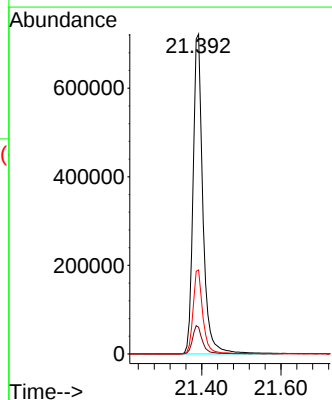
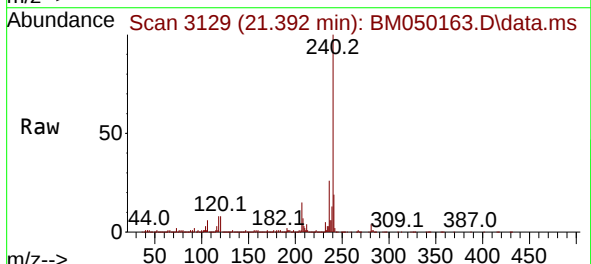
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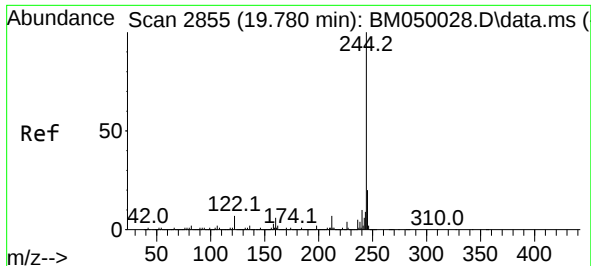
Tgt Ion:188 Resp: 1936054
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.7 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM050163.D
Acq: 09 May 2025 17:25

Tgt Ion:240 Resp: 1246346
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 26.2 20.9 31.3

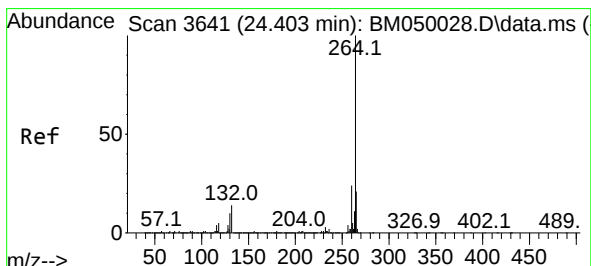
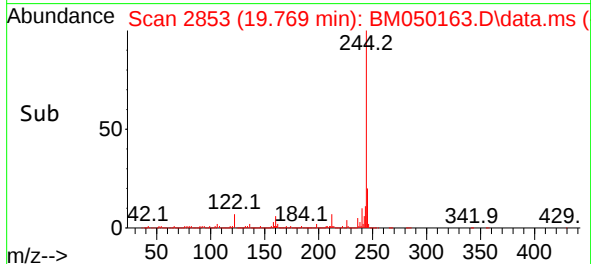
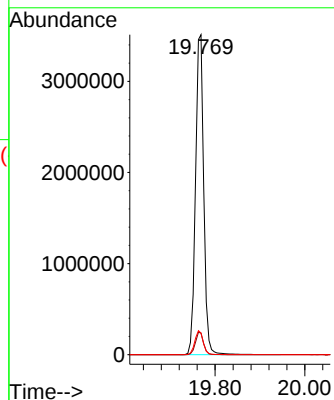
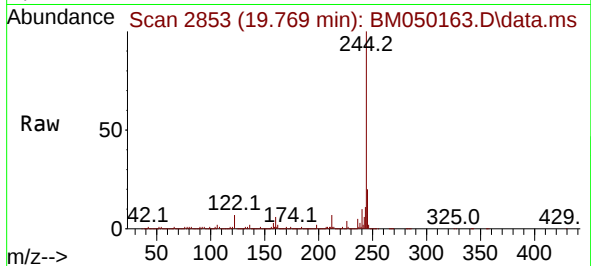




#79
 Terphenyl-d14
 Concen: 52.764 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM050163.D
 Acq: 09 May 2025 17:25

Instrument :
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 ClientSampleId :
 OR-636-COMP-07

Tgt Ion:244 Resp: 4444141
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 6.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.386 min Scan# 3638
 Delta R.T. -0.017 min
 Lab File: BM050163.D
 Acq: 09 May 2025 17:25

Tgt Ion:264 Resp: 1131672
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.4 17.0 25.4

