

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049899.D
 Acq On : 11 Apr 2025 13:38
 Operator : RC/JU
 Sample : Q1752-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Apr 11 14:20:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

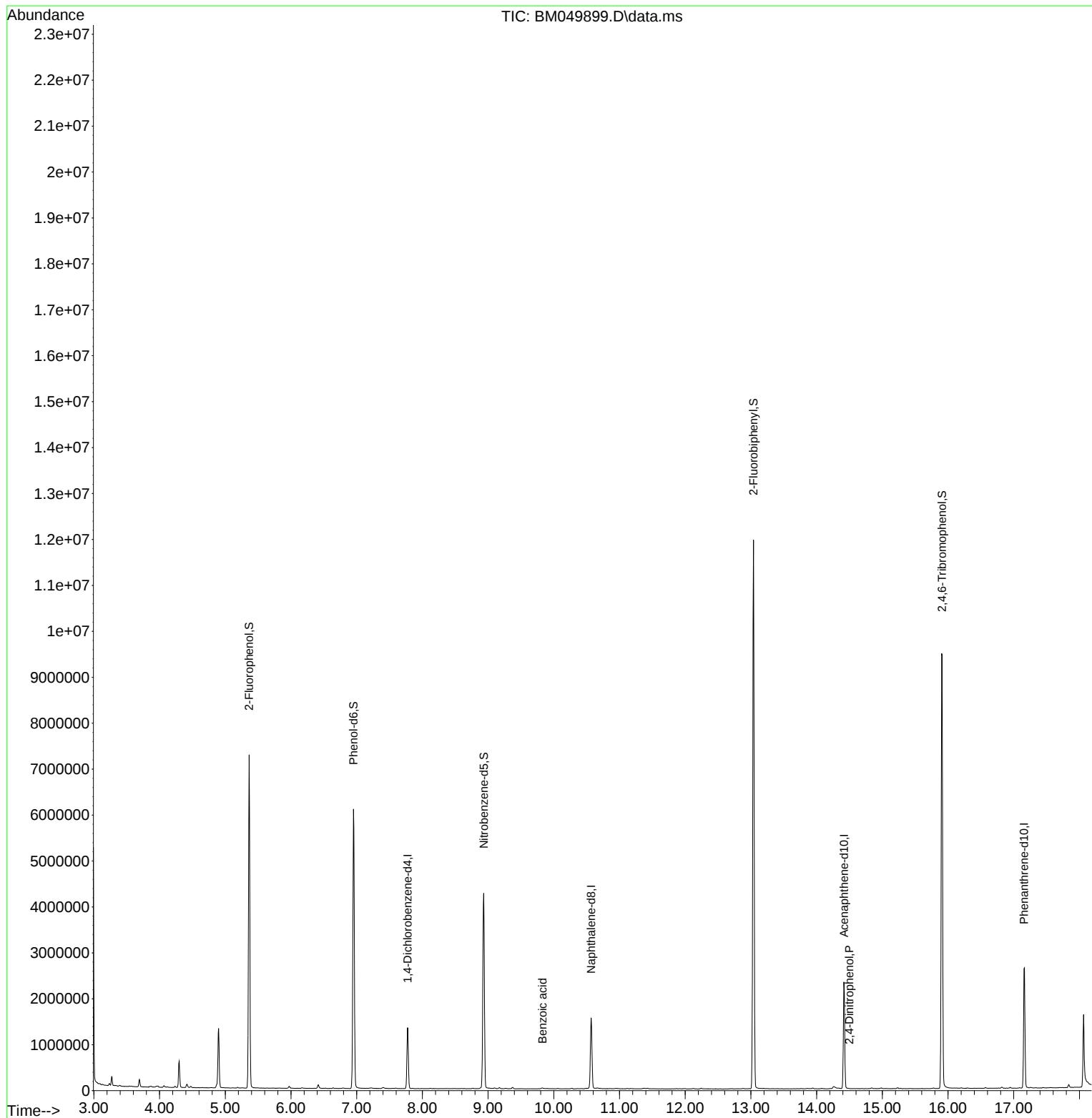
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	383103	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1310054	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	842074	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1638534	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1373545	20.000	ng	0.00
86) Perylene-d12	24.397	264	1040897	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3174688	140.716	ng	0.00
7) Phenol-d6	6.951	99	3638660	129.628	ng	0.00
23) Nitrobenzene-d5	8.934	82	2477988	105.330	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	2114567	172.642	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	6478821	104.330	ng	0.00
79) Terphenyl-d14	19.786	244	9214121	125.716	ng	0.00
Target Compounds						
32) Benzoic acid	9.828	122	11502	9.099	ng	Qvalue 94
54) 2,4-Dinitrophenol	14.498	184	78	7.233	ng	# 28

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

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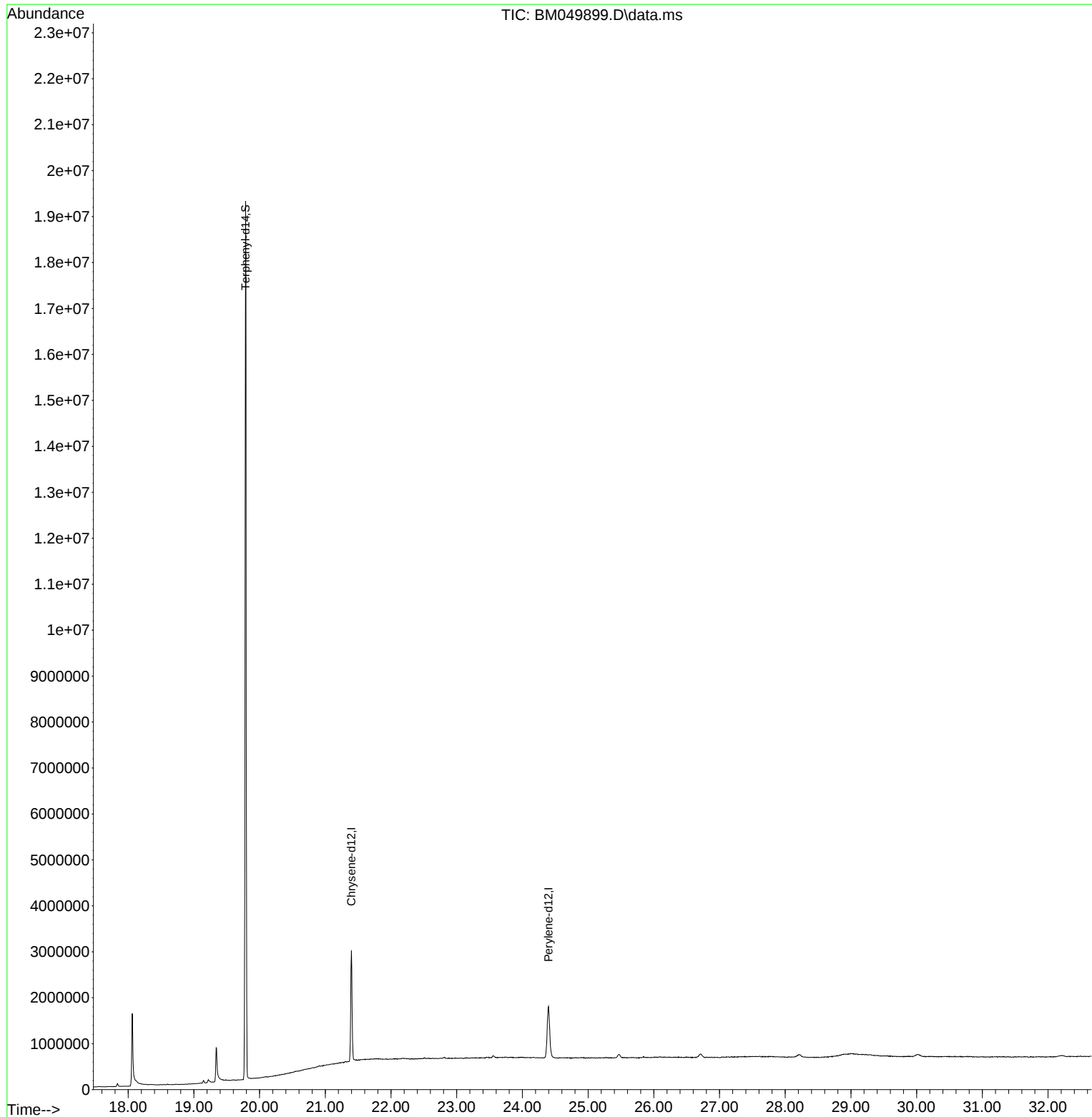
Quant Time: Apr 11 14:20:00 2025
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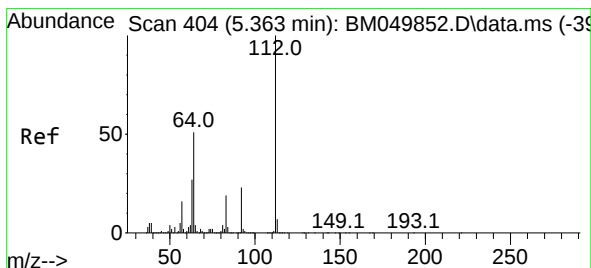
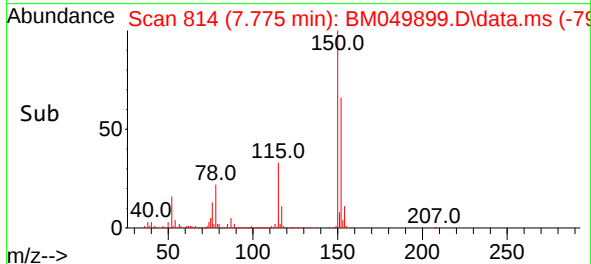
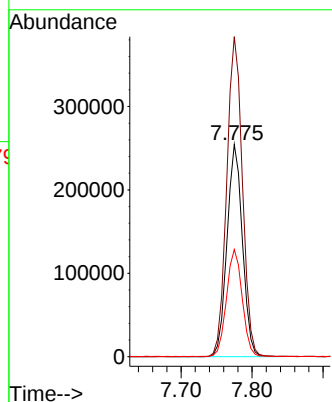
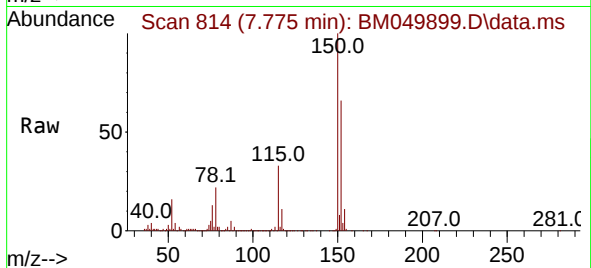




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

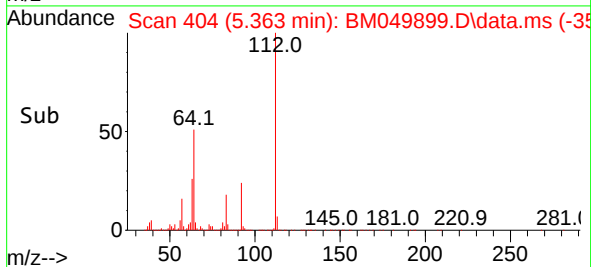
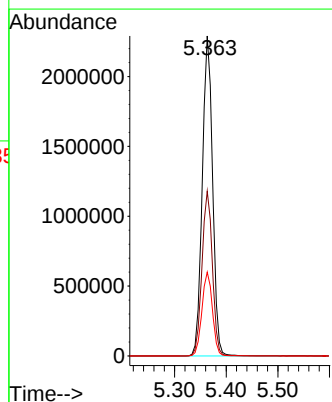
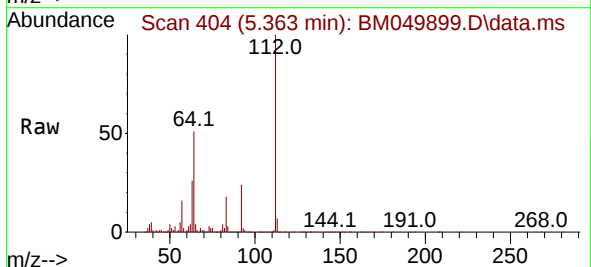
Instrument :
BNA_M
ClientSampleId :
TP-3

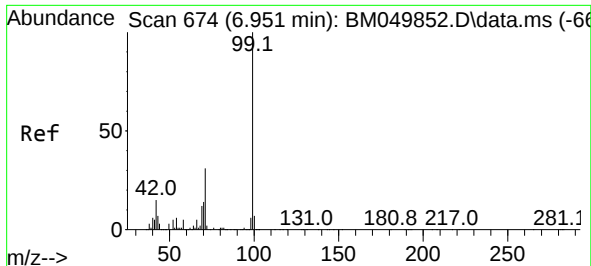
Tgt Ion:152 Resp: 383103
Ion Ratio Lower Upper
152 100
150 150.8 124.3 186.5
115 50.5 41.1 61.7



#5
2-Fluorophenol
Concen: 140.716 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

Tgt Ion:112 Resp: 3174688
Ion Ratio Lower Upper
112 100
64 51.5 41.0 61.6
63 26.2 21.5 32.3



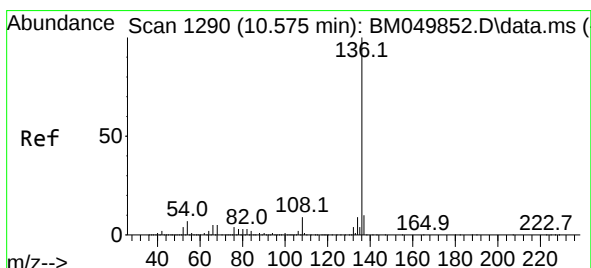
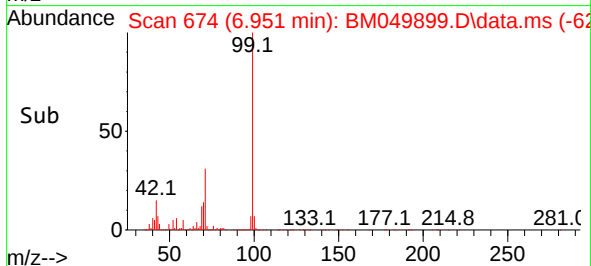
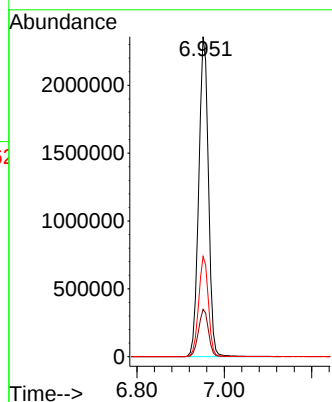
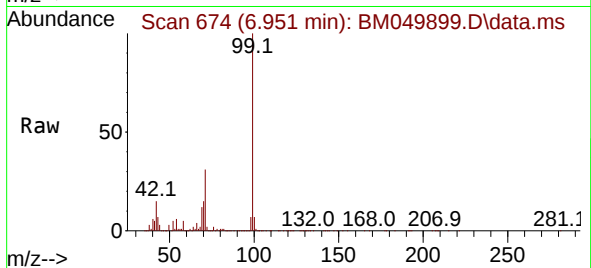


#7
Phenol-d6
Concen: 129.628 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 3638660

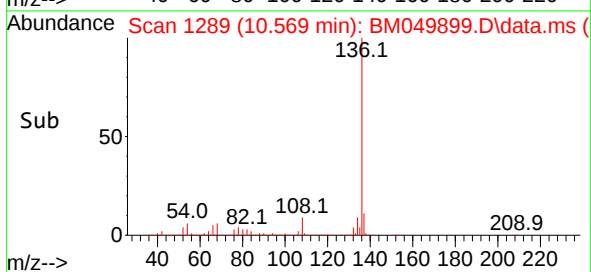
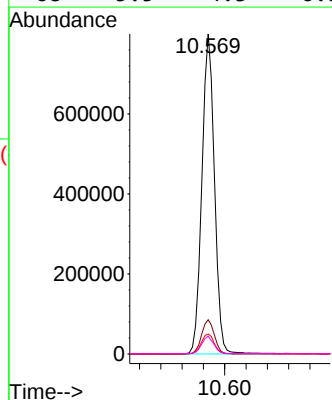
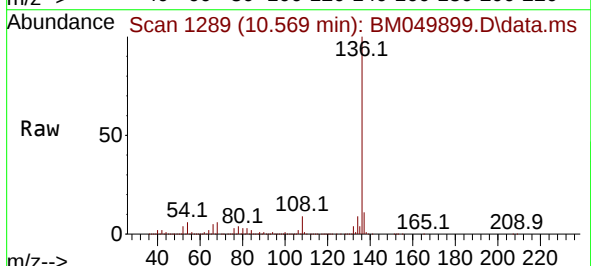
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.1	18.1
71	31.3	24.9	37.3

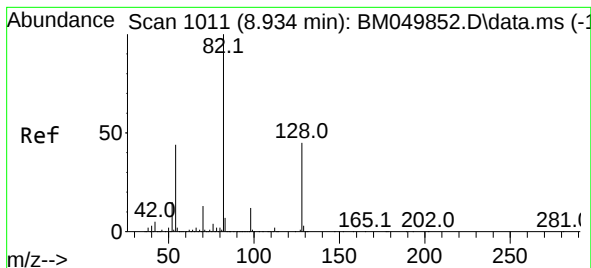


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

Tgt Ion: 136 Resp: 1310054

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.2	5.3	7.9
68	5.5	4.3	6.5





#23

Nitrobenzene-d5

Concen: 105.330 ng

RT: 8.934 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049899.D

Acq: 11 Apr 2025 13:38

Instrument :

BNA_M

ClientSampleId :

TP-3

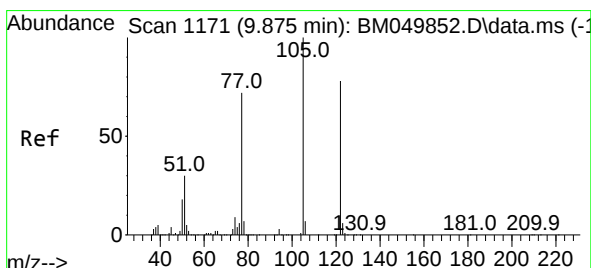
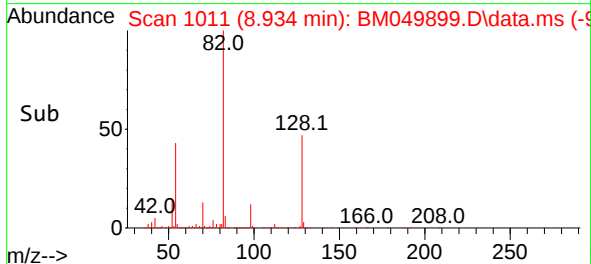
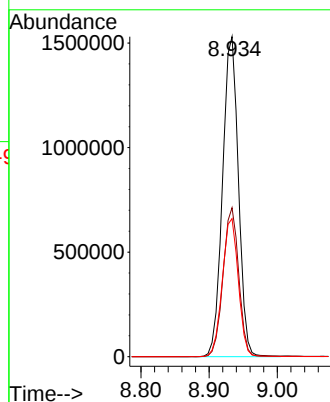
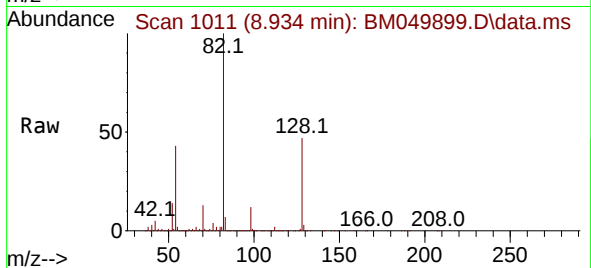
Tgt Ion: 82 Resp: 2477988

Ion Ratio Lower Upper

82 100

128 46.6 36.2 54.2

54 43.1 35.0 52.6



#32

Benzoic acid

Concen: 9.099 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.047 min

Lab File: BM049899.D

Acq: 11 Apr 2025 13:38

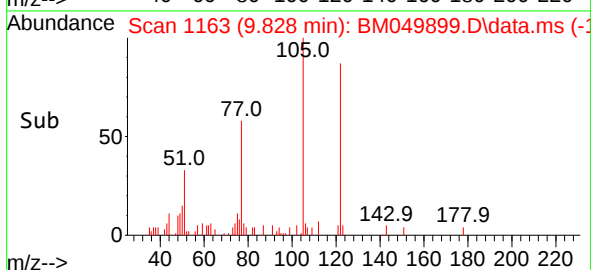
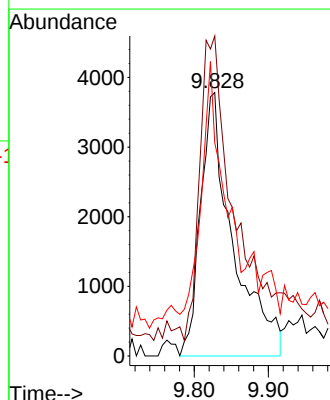
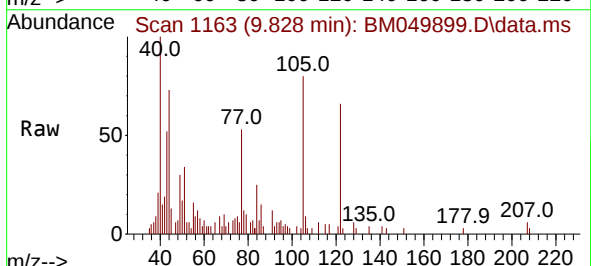
Tgt Ion:122 Resp: 11502

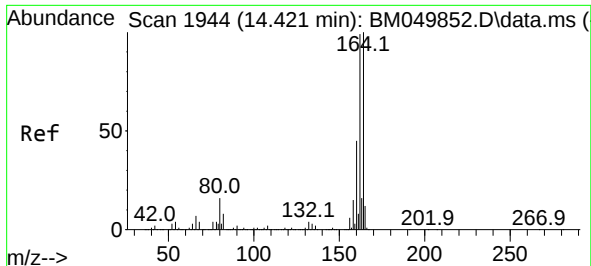
Ion Ratio Lower Upper

122 100

105 121.5 103.8 143.8

77 80.9 70.7 110.7

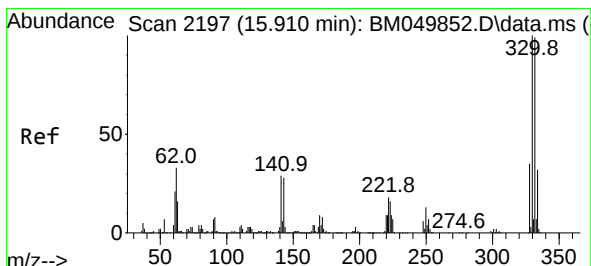
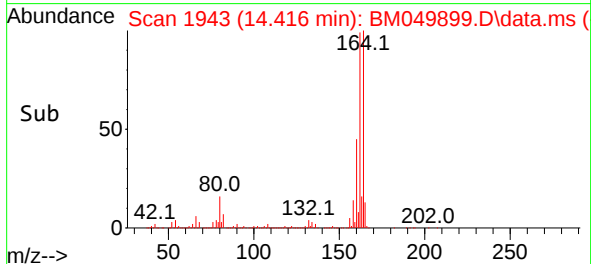
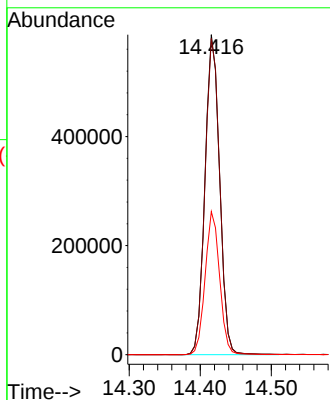
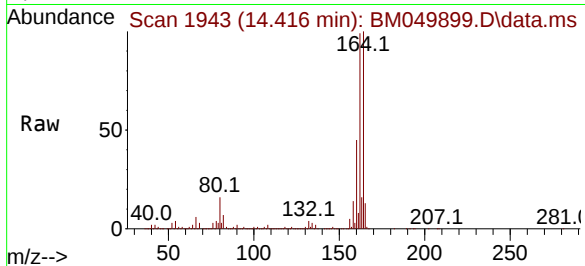




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

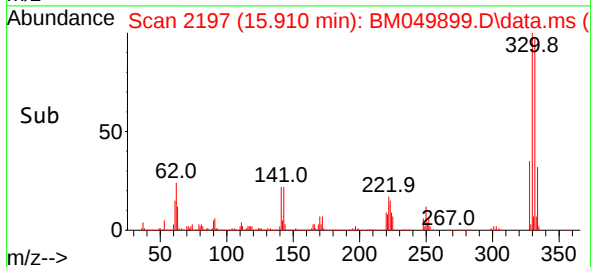
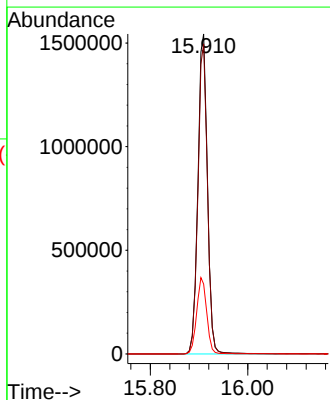
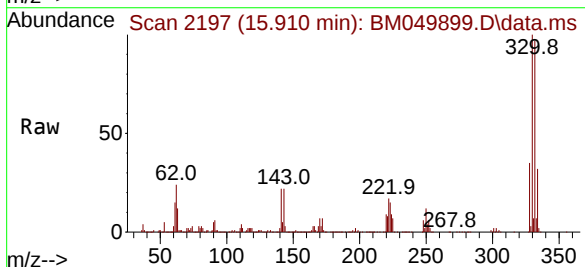
Instrument :
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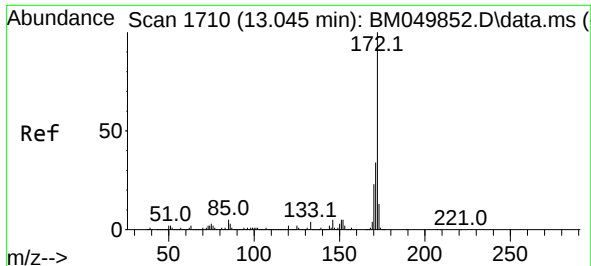
Tgt Ion:164 Resp: 842074
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 44.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 172.642 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

Tgt Ion:330 Resp: 2114567
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 25.2 23.5 35.3

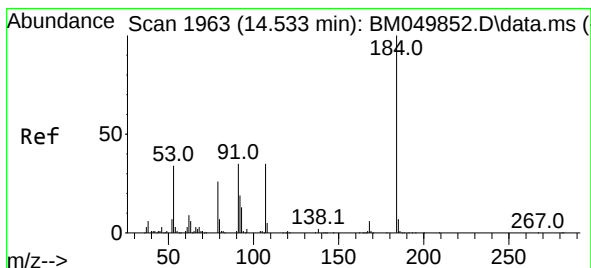
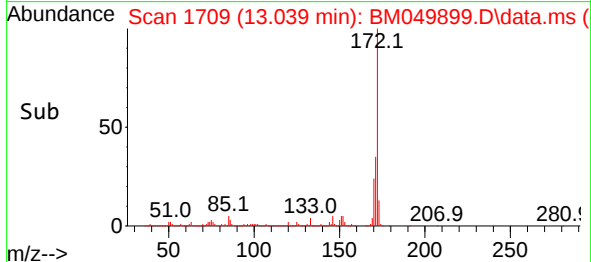
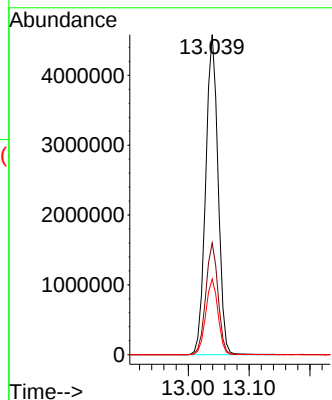
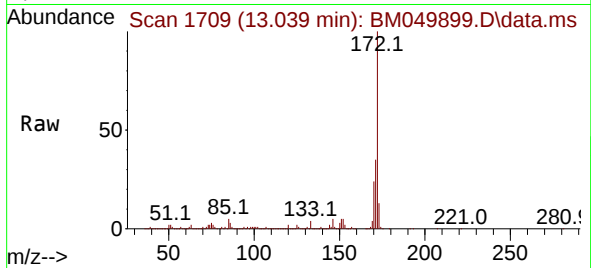




#45
2-Fluorobiphenyl
Concen: 104.330 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

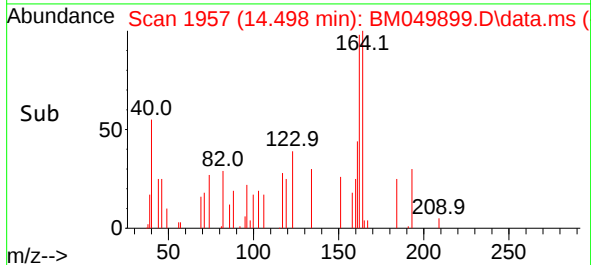
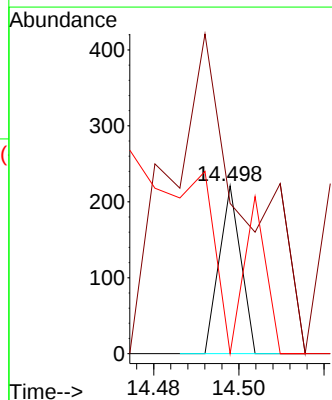
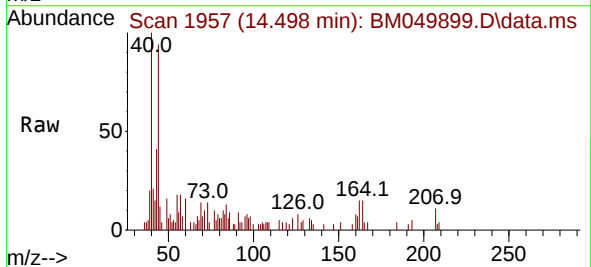
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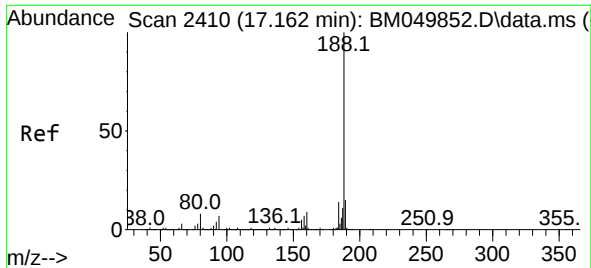
Tgt Ion:172 Resp: 6478821
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 23.7 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.233 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.035 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

Tgt Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 89.6 38.4 57.6#
154 0.0 48.1 72.1#

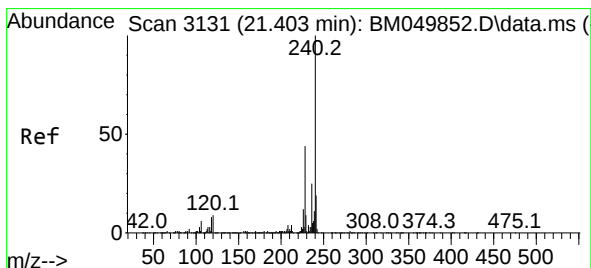
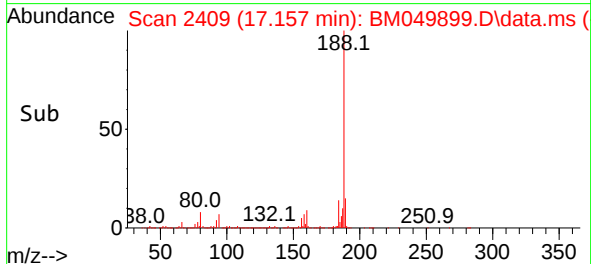
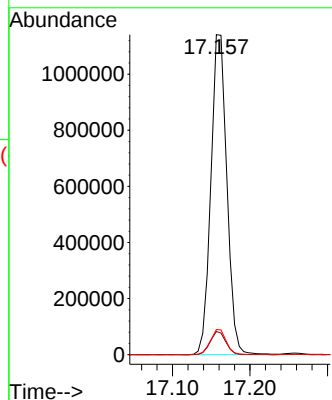
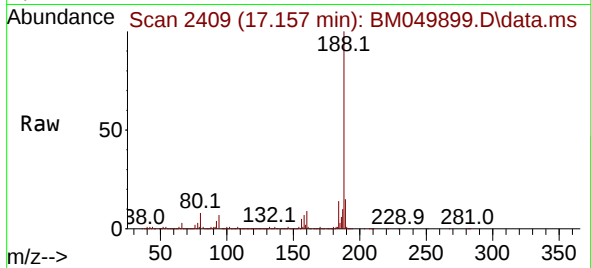




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

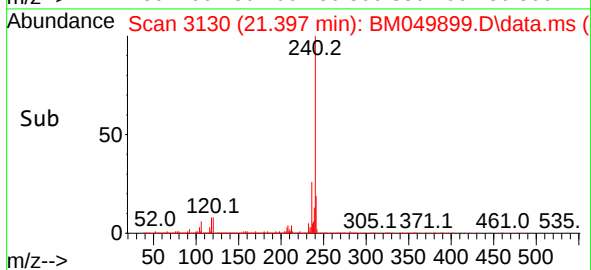
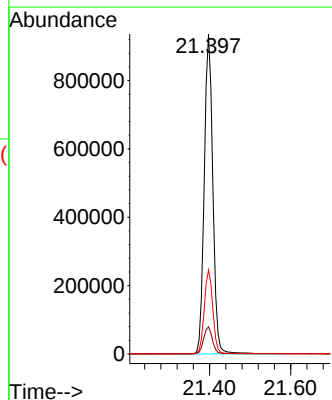
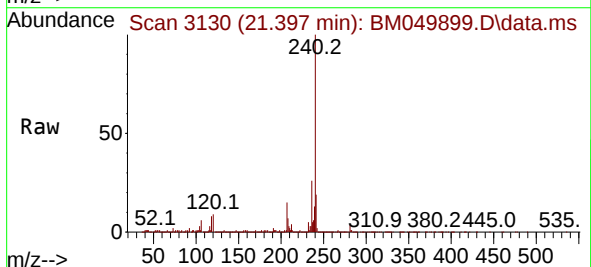
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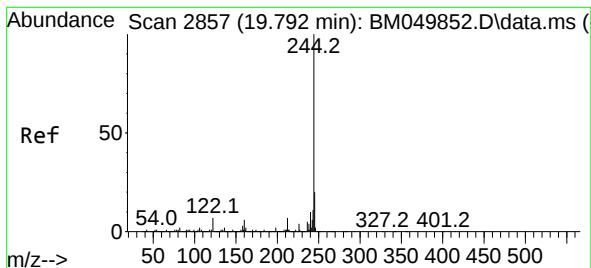
Tgt Ion:188 Resp: 1638534
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 7.9 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049899.D
Acq: 11 Apr 2025 13:38

Tgt Ion:240 Resp: 1373545
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 125.716 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049899.D

Acq: 11 Apr 2025 13:38

Instrument :

BNA_M

ClientSampleId :

TP-3

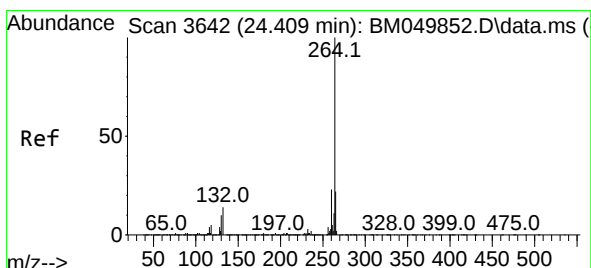
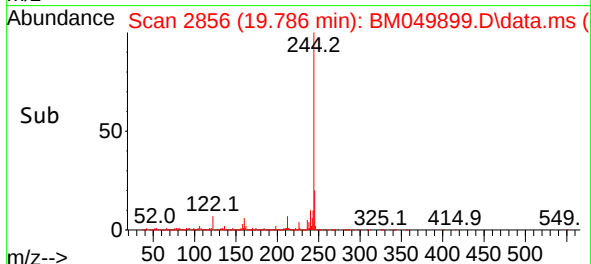
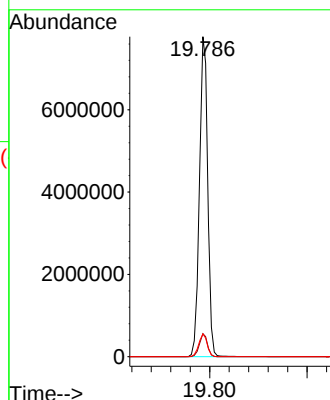
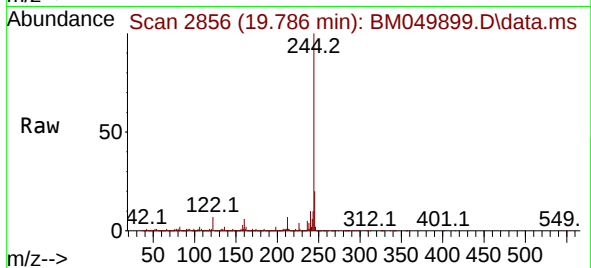
Tgt Ion:244 Resp: 9214121

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 7.1 5.4 8.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3640

Delta R.T. -0.012 min

Lab File: BM049899.D

Acq: 11 Apr 2025 13:38

Tgt Ion:264 Resp: 1040897

Ion Ratio Lower Upper

264 100

260 24.6 18.6 28.0

265 21.8 17.8 26.8

