

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049907.D
 Acq On : 11 Apr 2025 18:53
 Operator : RC/JU
 Sample : Q1771-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6C

Quant Time: Apr 11 23:04:18 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)

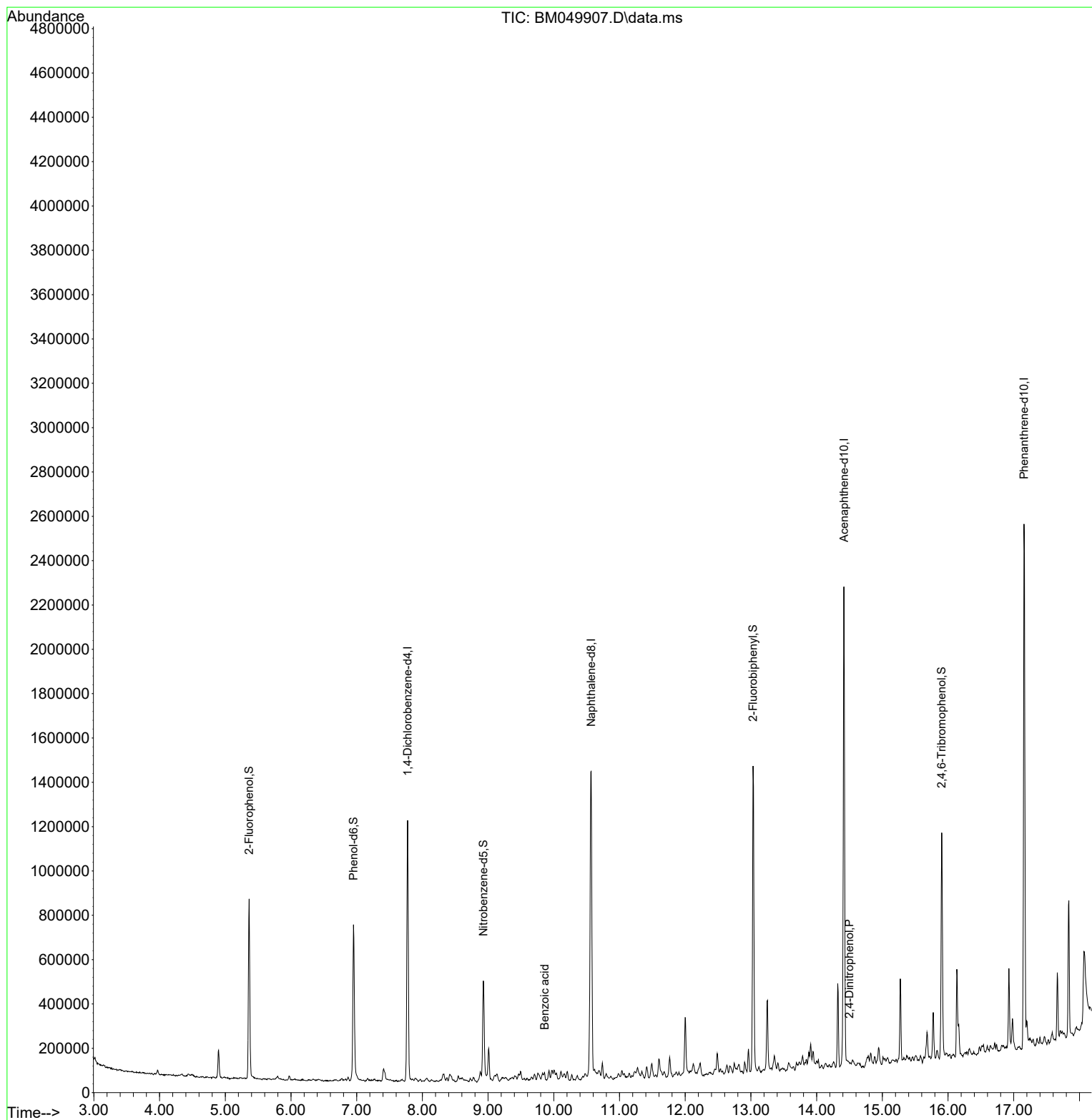
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	343007	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1161656	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	759741	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1465943	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1429717	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1638977	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	379164	18.771	ng	0.00
7) Phenol-d6	6.951	99	452315	17.997	ng	0.00
23) Nitrobenzene-d5	8.928	82	268136	12.853	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	214544	19.415	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	781936	13.956	ng	-0.01
79) Terphenyl-d14	19.780	244	1073955	14.077	ng	-0.01
Target Compounds						
32) Benzoic acid	9.863	122	472	8.564	ng	# 1
54) 2,4-Dinitrophenol	14.498	184	69	7.232	ng	# 1

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

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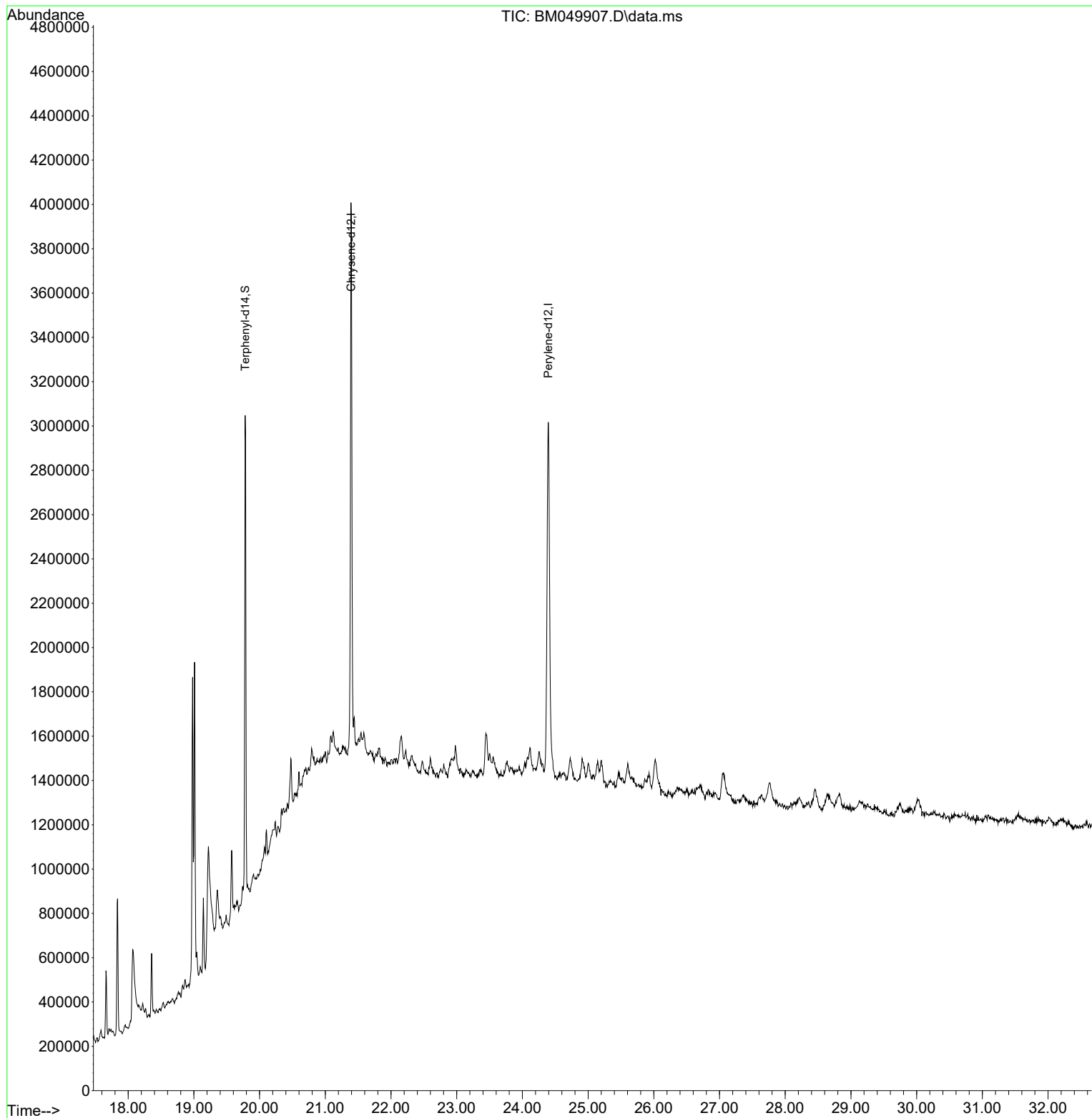
Quant Time: Apr 11 23:04:18 2025
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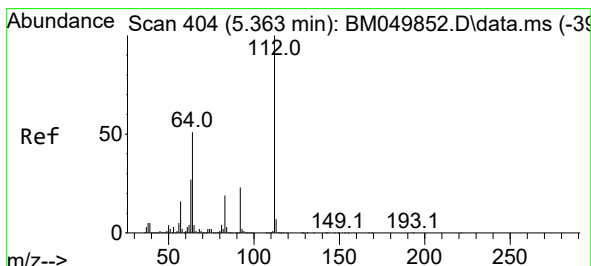
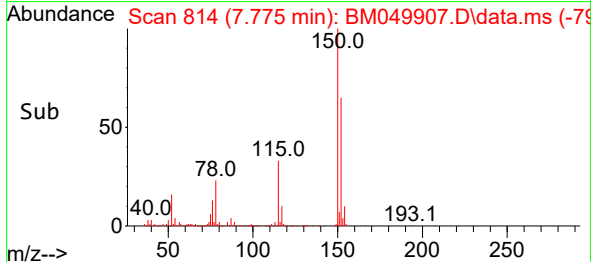
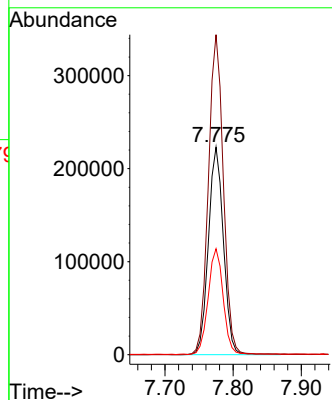
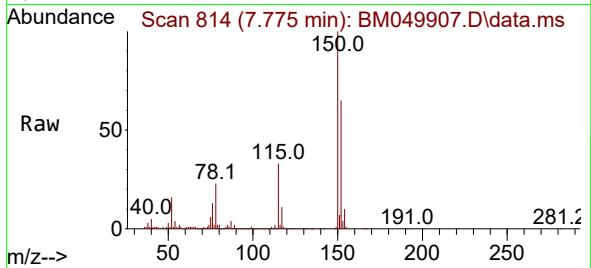




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

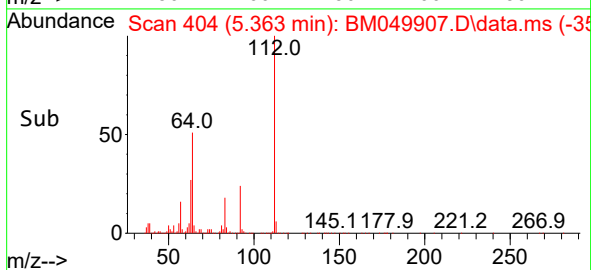
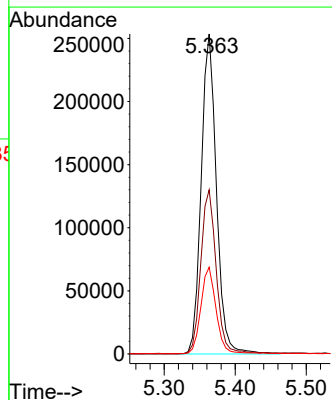
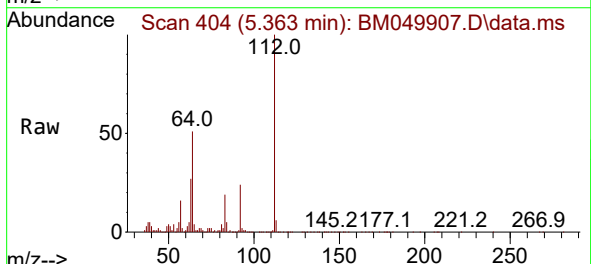
Instrument :
BNA_M
ClientSampleId :
TP-6C

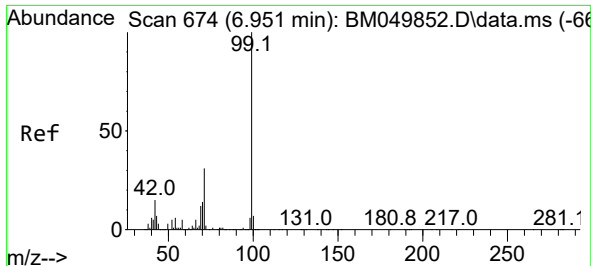
Tgt Ion:152 Resp: 343007
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 51.1 41.1 61.7



#5
2-Fluorophenol
Concen: 18.771 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

Tgt Ion:112 Resp: 379164
Ion Ratio Lower Upper
112 100
64 51.3 41.0 61.6
63 27.1 21.5 32.3

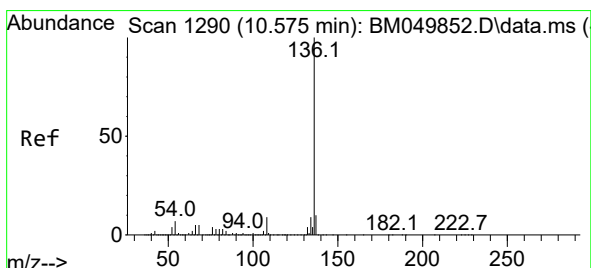
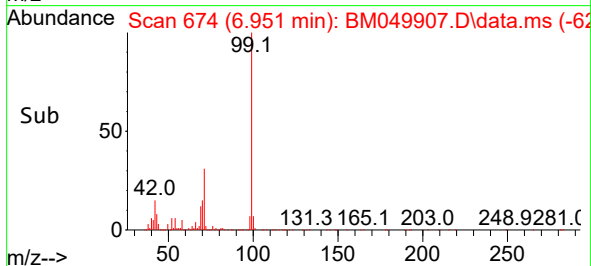
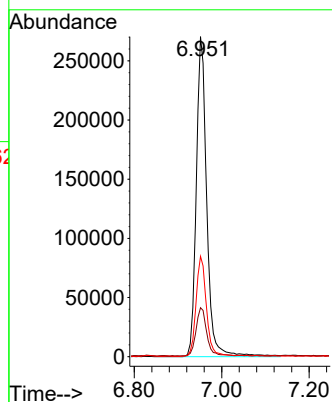
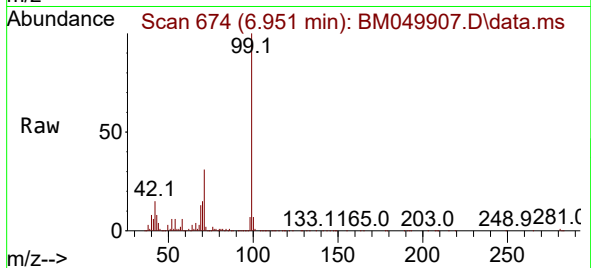




#7
Phenol-d6
Concen: 17.997 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

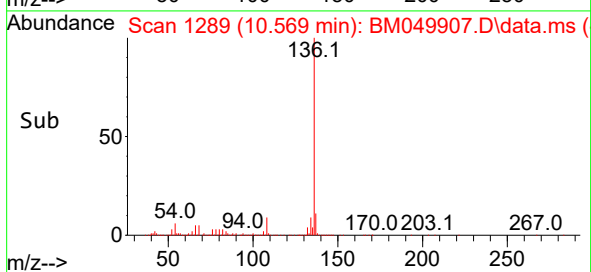
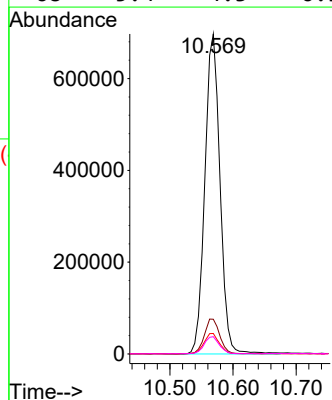
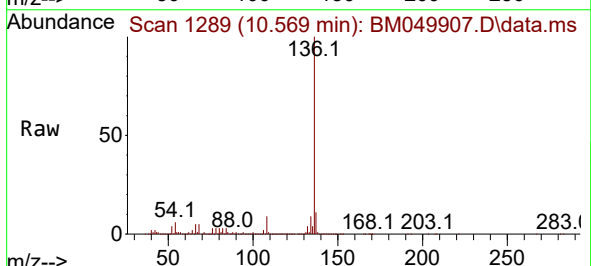
Instrument :
BNA_M
ClientSampleId :
TP-6C

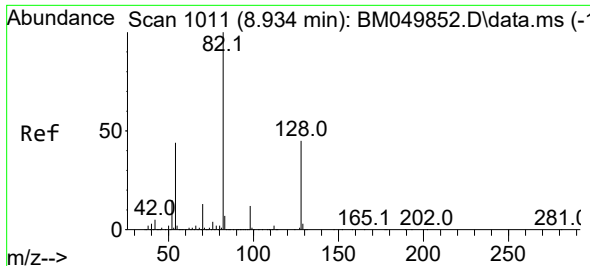
Tgt Ion: 99 Resp: 452315
Ion Ratio Lower Upper
99 100
42 15.3 12.1 18.1
71 31.3 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

Tgt Ion: 136 Resp: 1161656
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.4 5.3 7.9
68 5.4 4.3 6.5

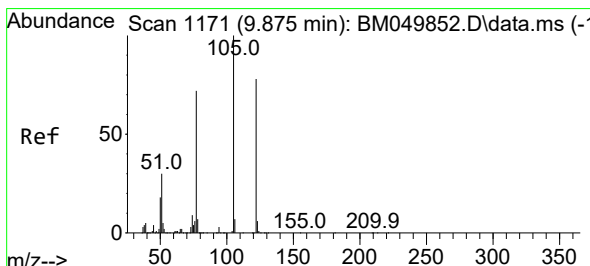
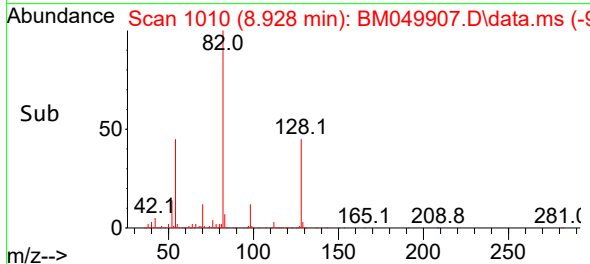
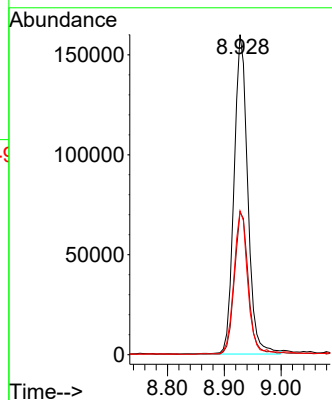
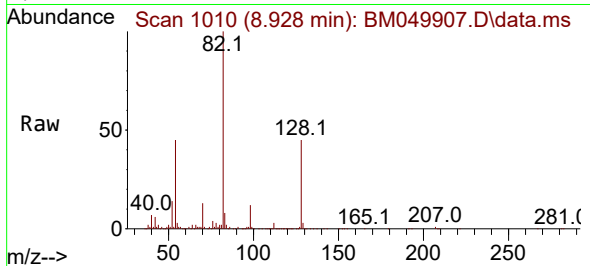




#23
Nitrobenzene-d5
Concen: 12.853 ng
RT: 8.928 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

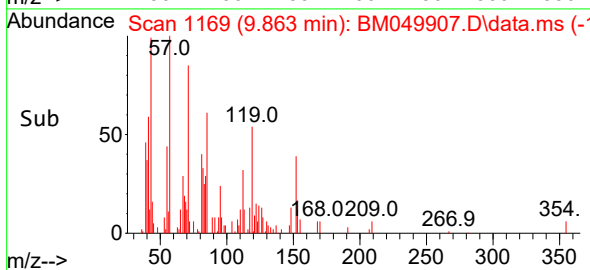
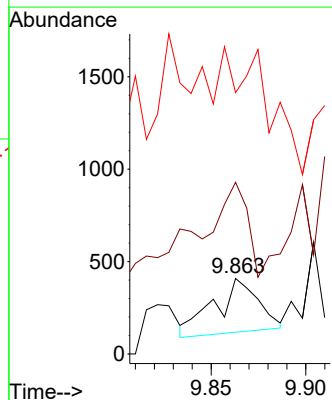
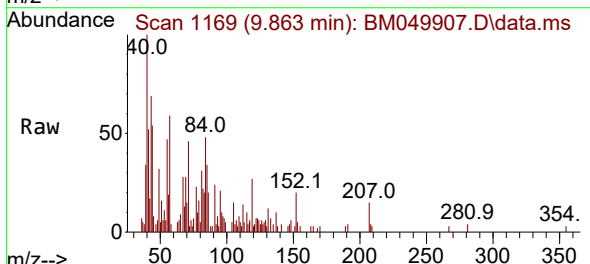
Instrument :
BNA_M
ClientSampleId :
TP-6C

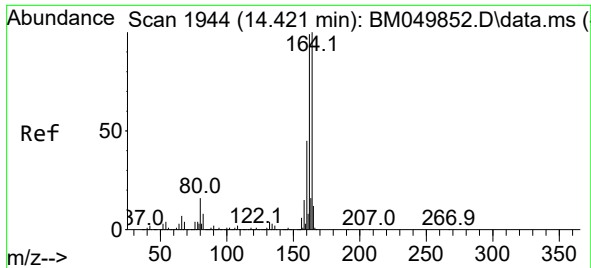
Tgt Ion: 82 Resp: 268136
Ion Ratio Lower Upper
82 100
128 44.5 36.2 54.2
54 45.0 35.0 52.6



#32
Benzoic acid
Concen: 8.564 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

Tgt Ion: 122 Resp: 472
Ion Ratio Lower Upper
122 100
105 227.1 103.8 143.8#
77 345.7 70.7 110.7#

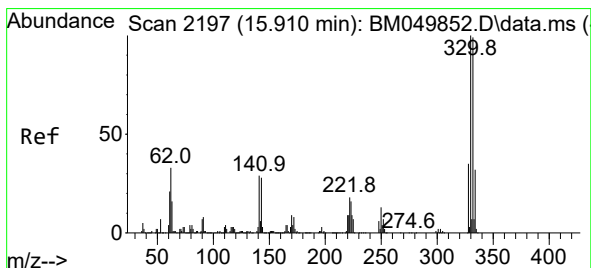
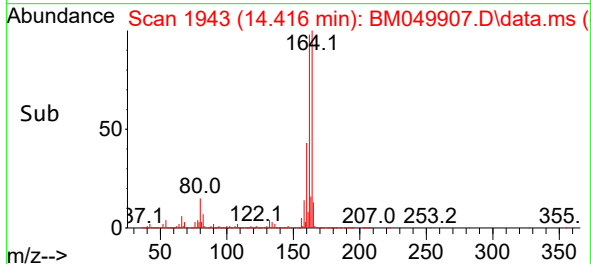
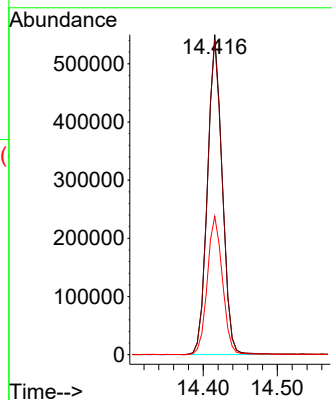
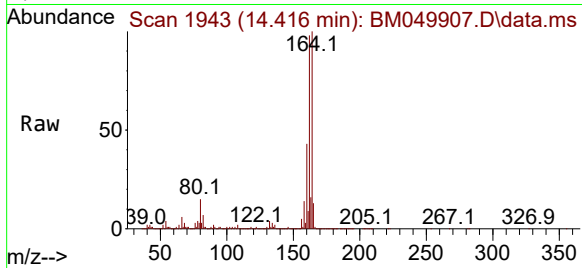




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

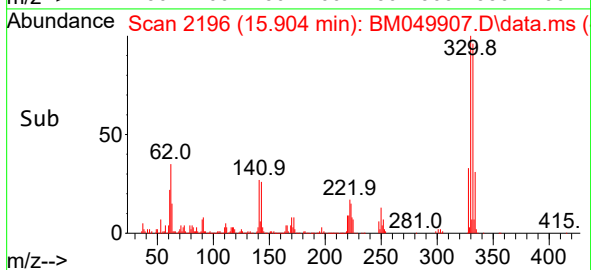
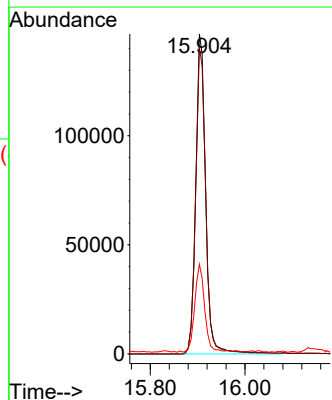
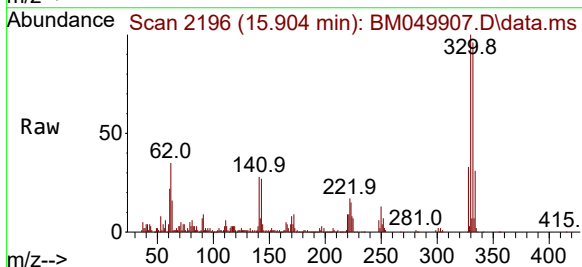
Instrument :
BNA_M
ClientSampleId :
TP-6C

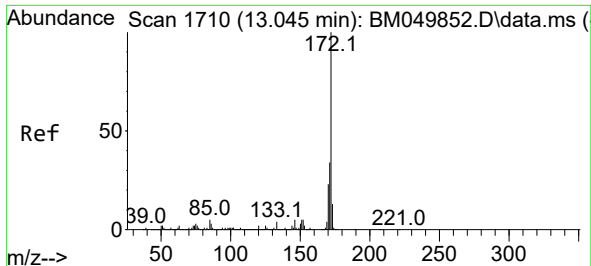
Tgt Ion:164 Resp: 759741
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.0
160 43.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 19.415 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

Tgt Ion:330 Resp: 214544
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 27.3 23.5 35.3

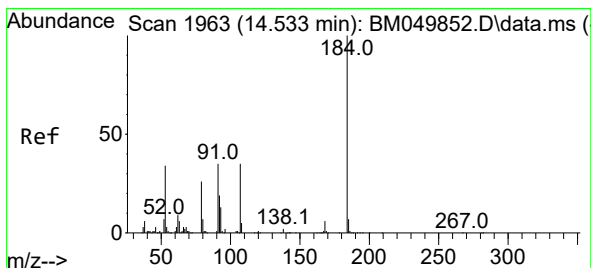
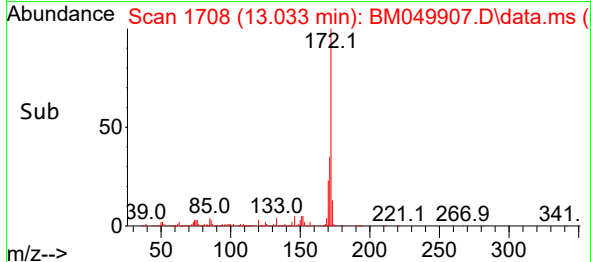
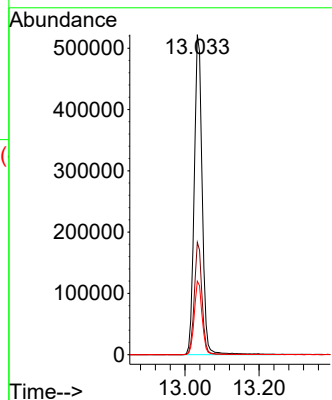
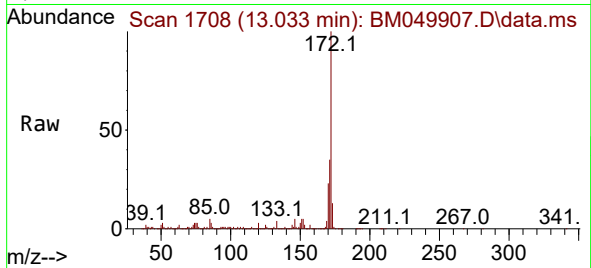




#45
2-Fluorobiphenyl
Concen: 13.956 ng
RT: 13.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

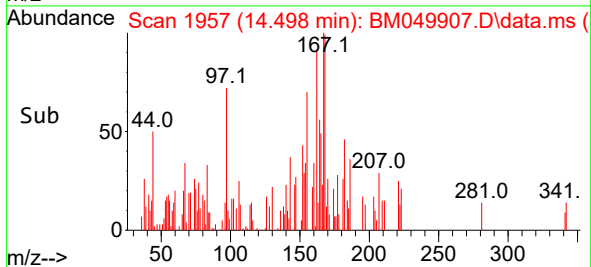
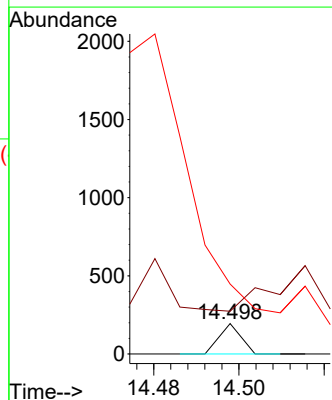
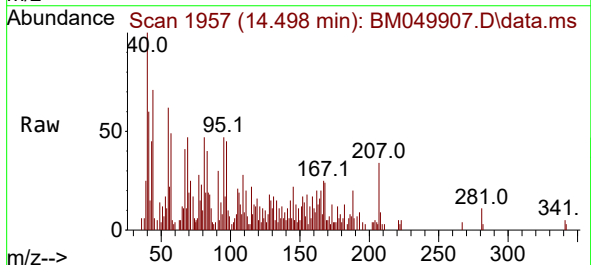
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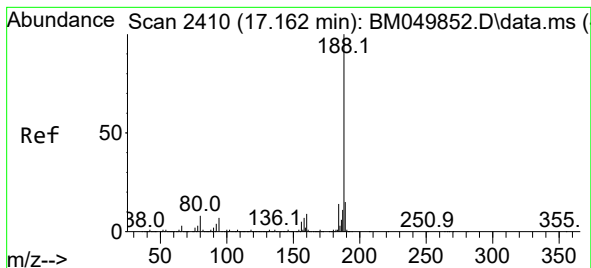
Tgt Ion:172 Resp: 781936
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.2
170 22.9 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.232 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.035 min
Lab File: BM049907.D
Acq: 11 Apr 2025 18:53

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 140.5 38.4 57.6#
154 229.7 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: BM049907.D

Acq: 11 Apr 2025 18:53

Instrument :

BNA_M

ClientSampleId :

TP-6C

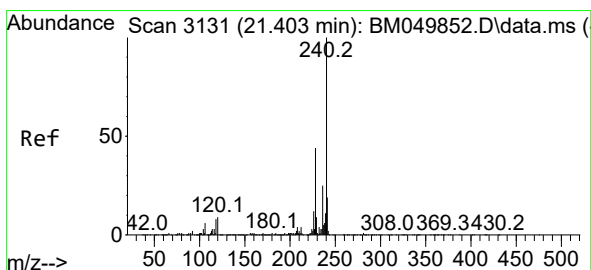
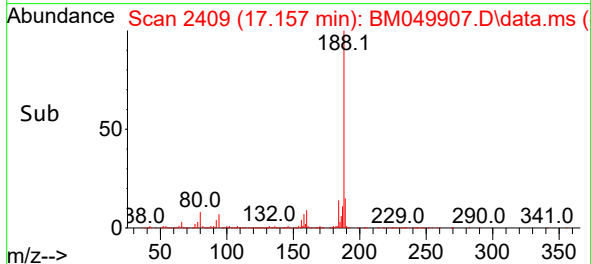
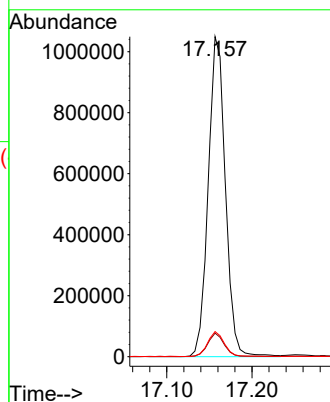
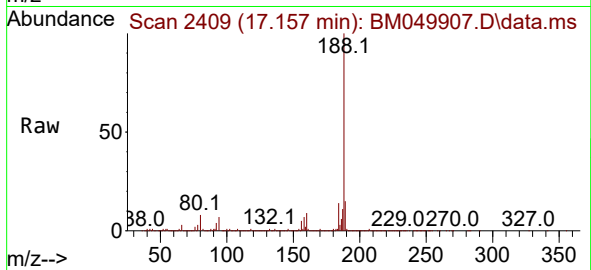
Tgt Ion:188 Resp: 1465943

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 7.9 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BM049907.D

Acq: 11 Apr 2025 18:53

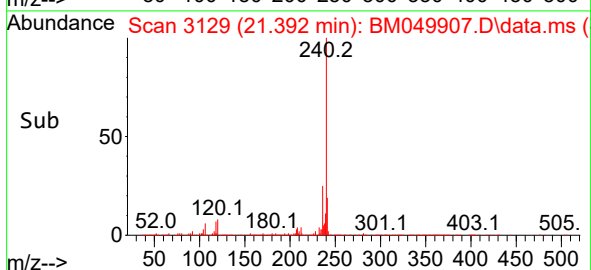
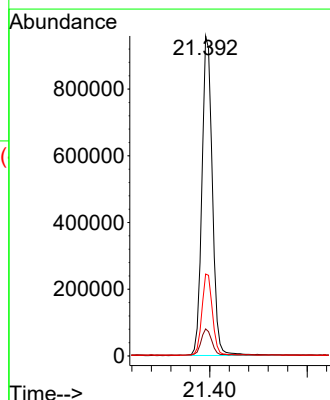
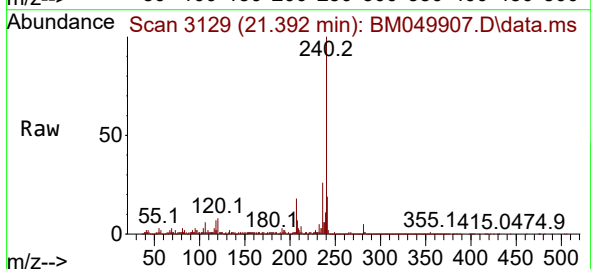
Tgt Ion:240 Resp: 1429717

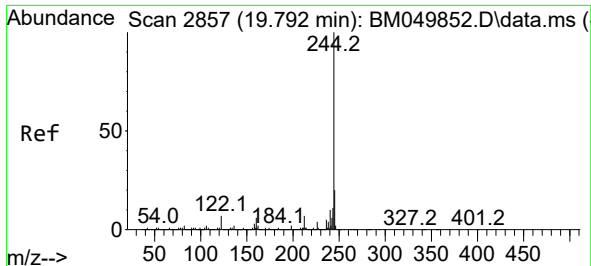
Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 25.6 20.4 30.6

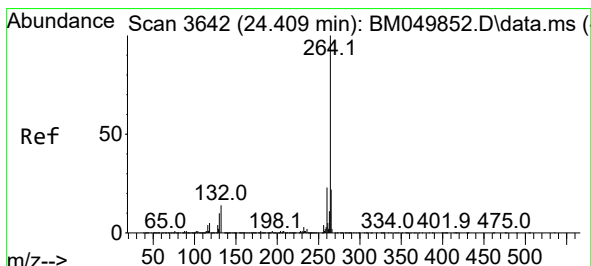
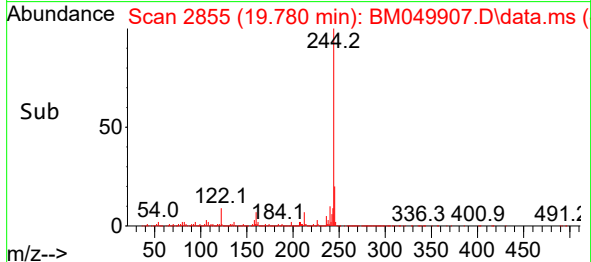
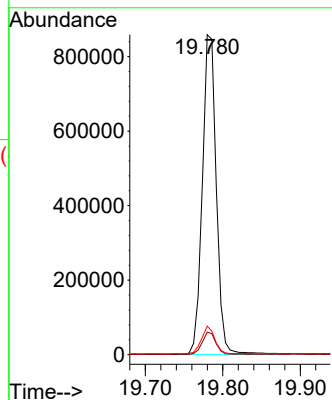
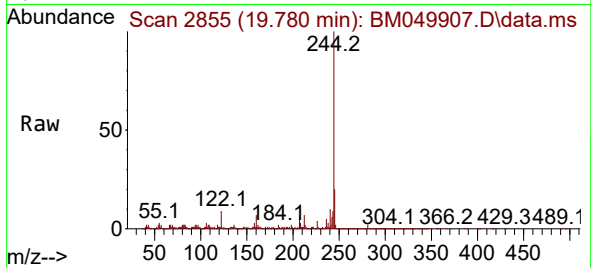




#79
 Terphenyl-d14
 Concen: 14.077 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049907.D
 Acq: 11 Apr 2025 18:53

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1073955
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 8.9 5.4 8.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 3639
 Delta R.T. -0.018 min
 Lab File: BM049907.D
 Acq: 11 Apr 2025 18:53

Tgt Ion:264 Resp: 1638977
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.4 17.8 26.8

