

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049925.D
 Acq On : 14 Apr 2025 22:23
 Operator : RC/JU
 Sample : Q1792-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-041125

Quant Time: Apr 15 01:05:24 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)

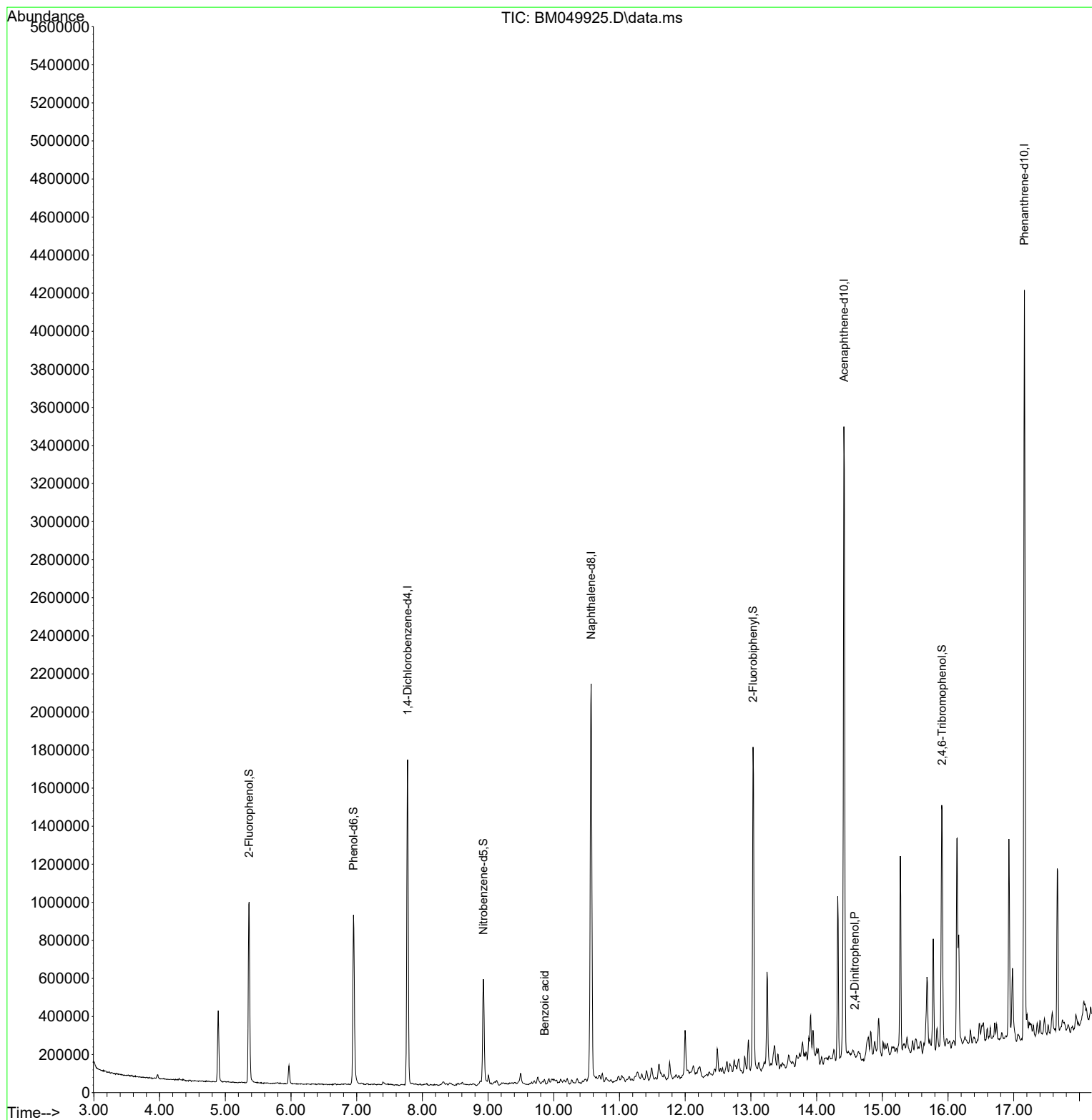
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	503773	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1776112	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1206152	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	2336795	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1672838	20.000	ng	0.00
86) Perylene-d12	24.403	264	1762931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	464552	15.659	ng	0.00
7) Phenol-d6	6.951	99	573947	15.549	ng	0.00
23) Nitrobenzene-d5	8.928	82	334764	10.496	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	264064	15.052	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	951016	10.692	ng	-0.01
79) Terphenyl-d14	19.786	244	1122915	12.580	ng	0.00
Target Compounds						
32) Benzoic acid	9.863	122	199	8.545	ng	# 1
54) 2,4-Dinitrophenol	14.580	184	54	7.228	ng	# 1

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

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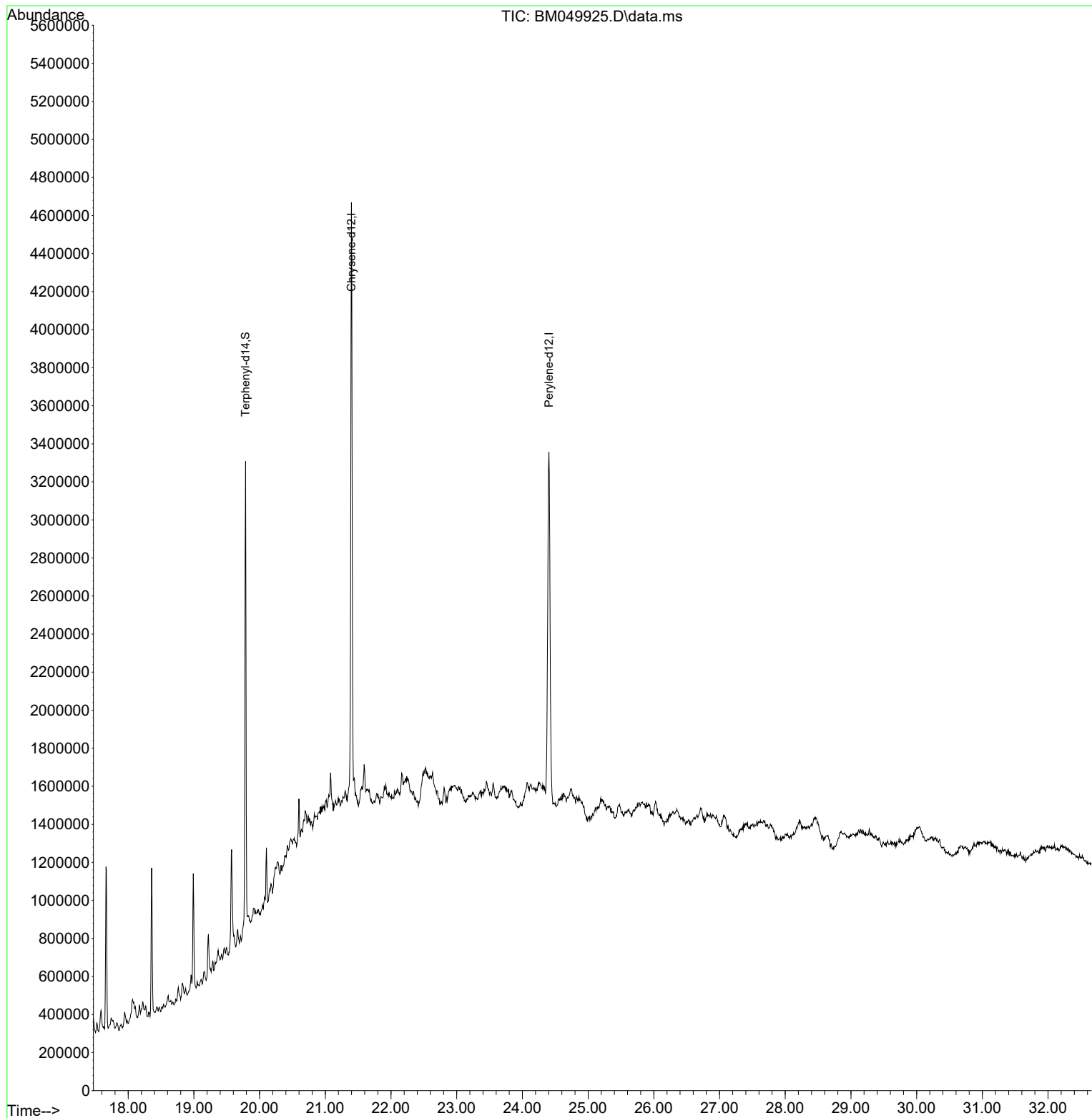
Quant Time: Apr 15 01:05:24 2025
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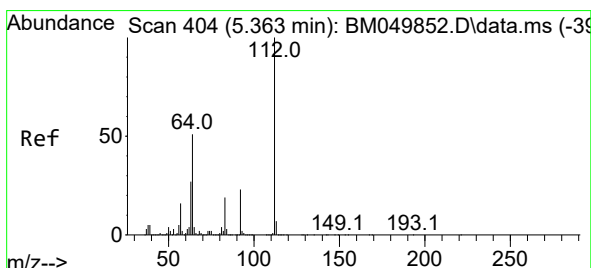
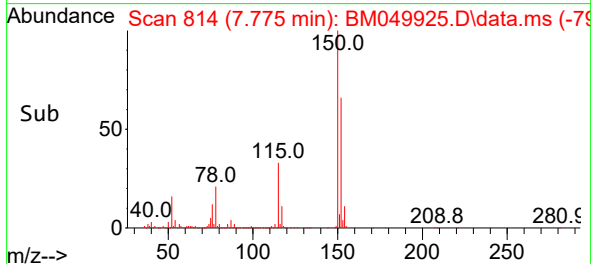
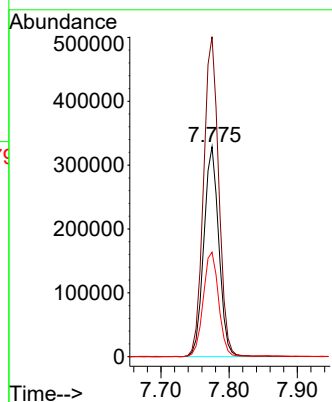
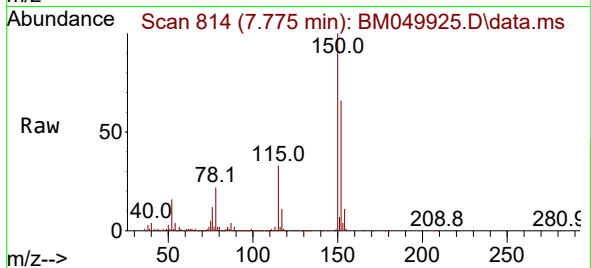




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

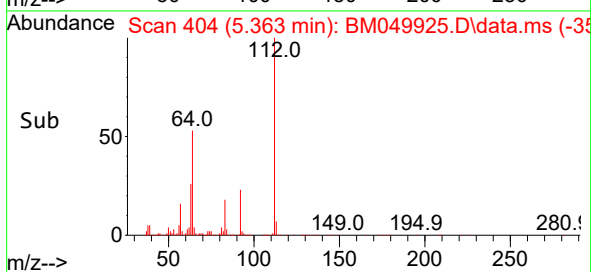
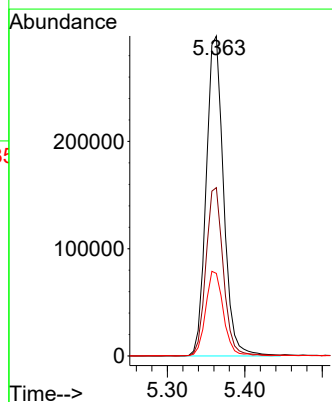
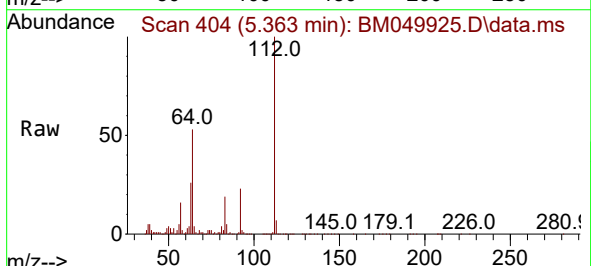
Instrument :
BNA_M
ClientSampleId :
TR-05-041125

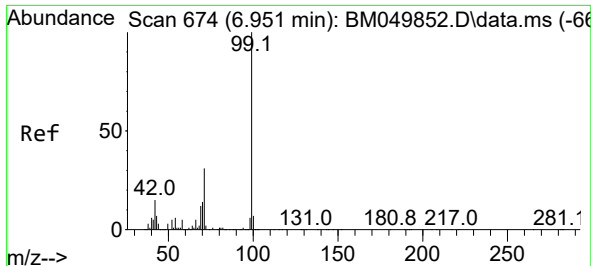
Tgt Ion:152 Resp: 503773
Ion Ratio Lower Upper
152 100
150 152.5 124.3 186.5
115 49.8 41.1 61.7



#5
2-Fluorophenol
Concen: 15.659 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

Tgt Ion:112 Resp: 464552
Ion Ratio Lower Upper
112 100
64 52.6 41.0 61.6
63 25.8 21.5 32.3

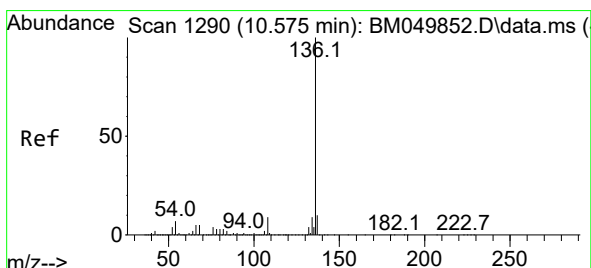
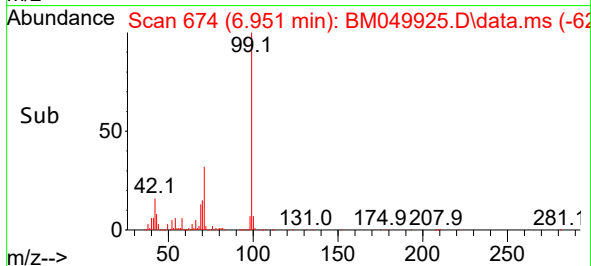
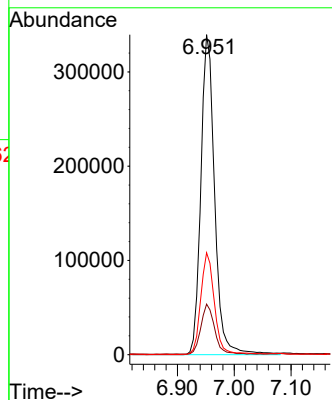
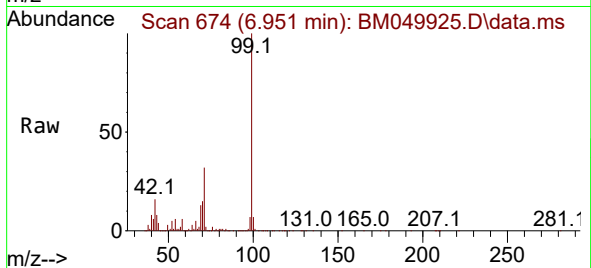




#7
Phenol-d6
Concen: 15.549 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

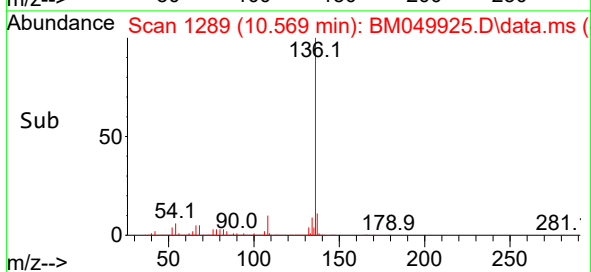
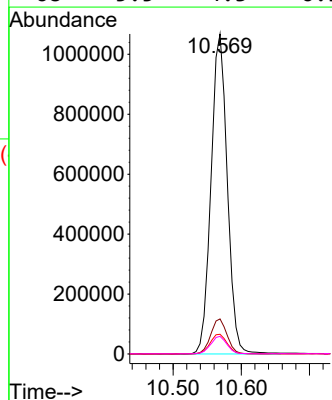
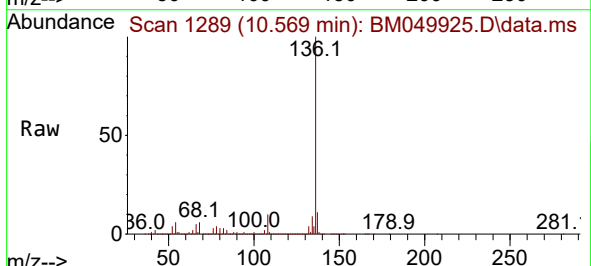
Instrument :
BNA_M
ClientSampleId :
TR-05-041125

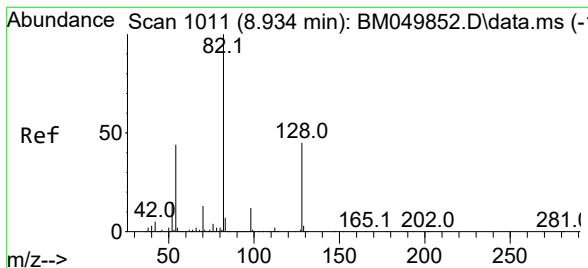
Tgt Ion:	99	Resp:	573947
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.1	18.1
71	31.8	24.9	37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

Tgt Ion:	136	Resp:	1776112
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.1	5.3	7.9
68	5.5	4.3	6.5

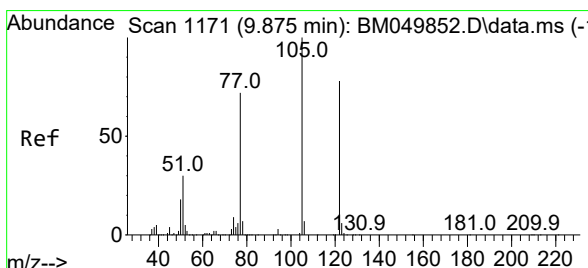
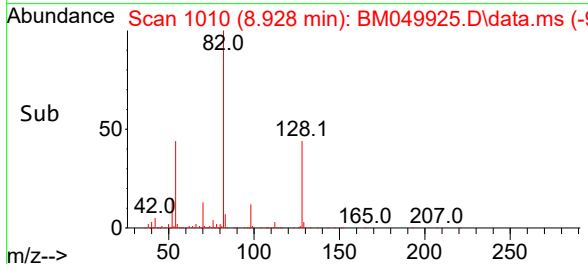
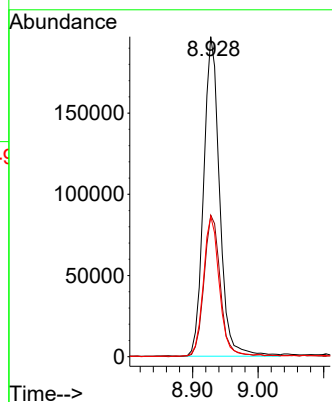
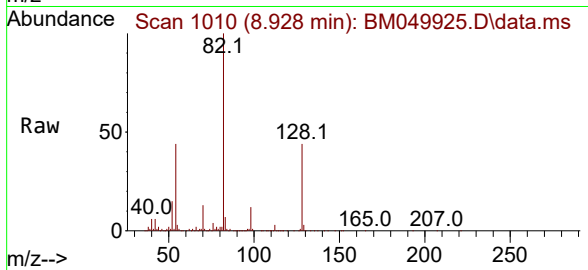




#23
Nitrobenzene-d5
Concen: 10.496 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

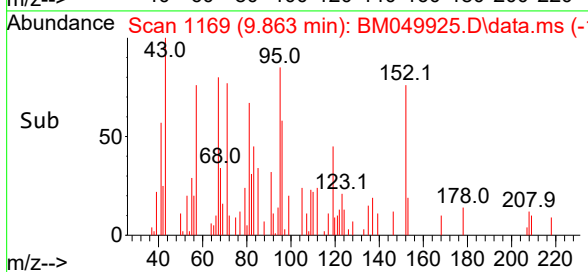
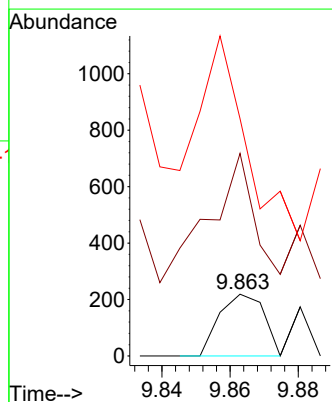
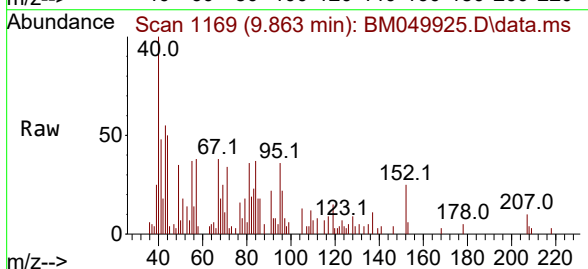
Instrument :
BNA_M
ClientSampleId :
TR-05-041125

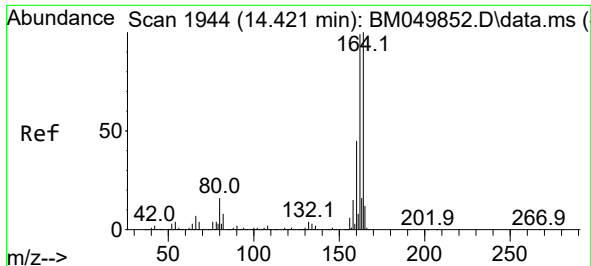
Tgt Ion: 82 Resp: 334764
Ion Ratio Lower Upper
82 100
128 44.2 36.2 54.2
54 43.8 35.0 52.6



#32
Benzoic acid
Concen: 8.545 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

Tgt Ion: 122 Resp: 199
Ion Ratio Lower Upper
122 100
105 327.9 103.8 143.8#
77 384.0 70.7 110.7#

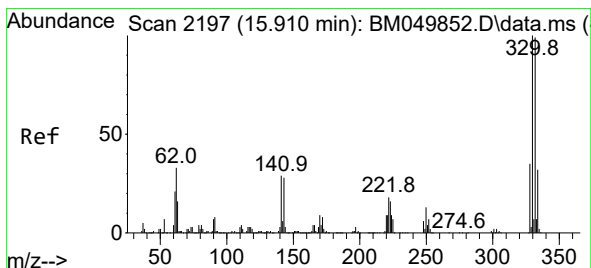
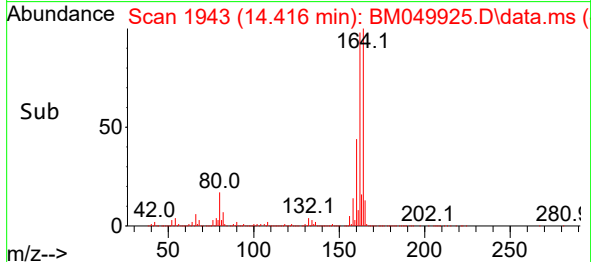
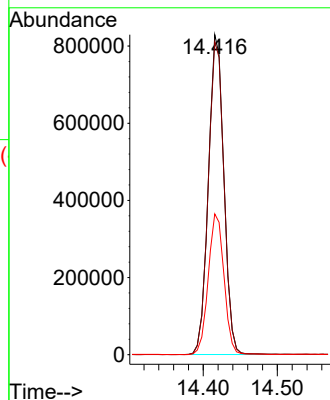
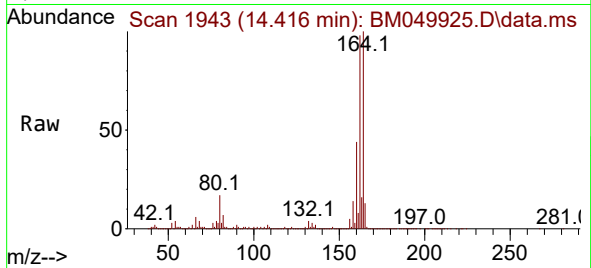




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

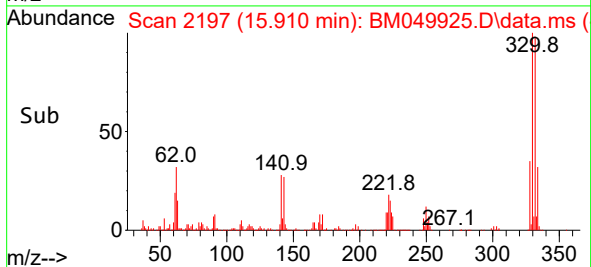
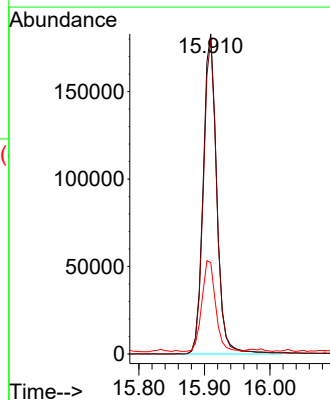
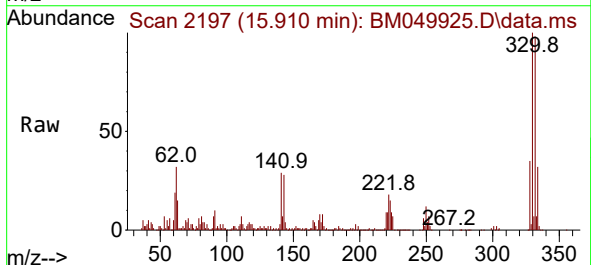
Instrument :
BNA_M
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TR-05-041125

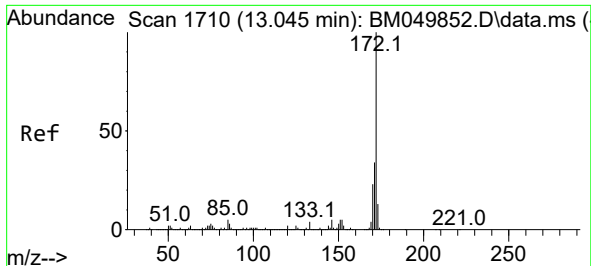
Tgt Ion:164 Resp: 1206152
Ion Ratio Lower Upper
164 100
162 97.8 79.4 119.0
160 44.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 15.052 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

Tgt Ion:330 Resp: 264064
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 28.5 23.5 35.3

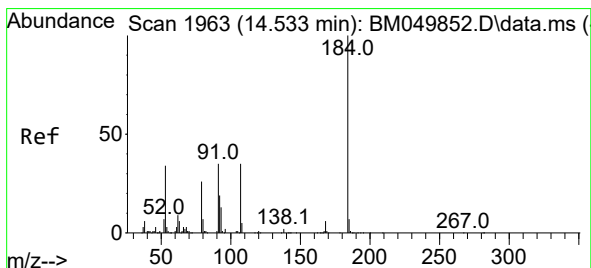
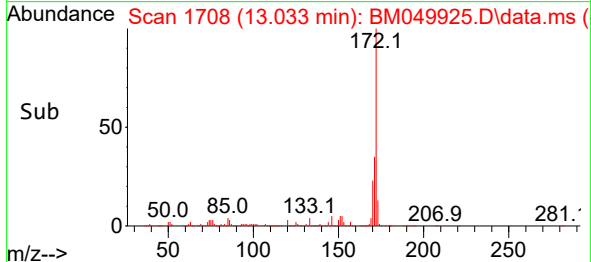
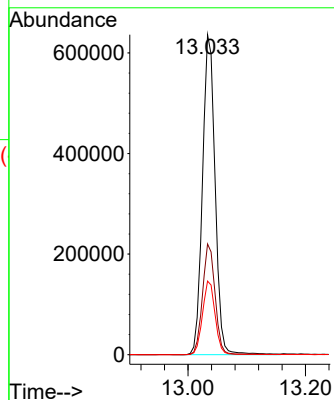
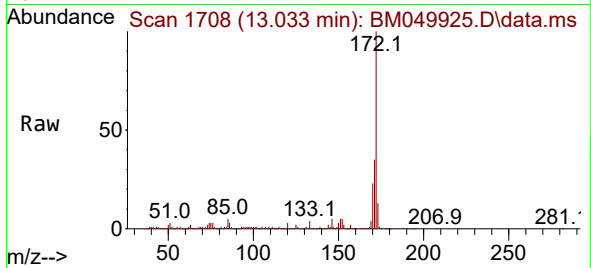




#45
2-Fluorobiphenyl
Concen: 10.692 ng
RT: 13.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

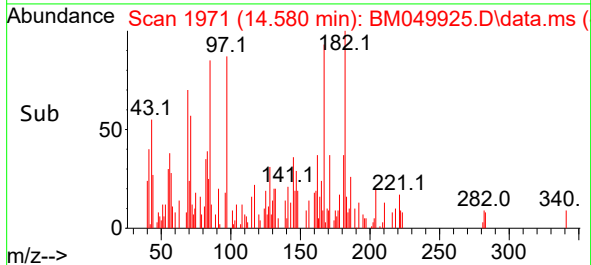
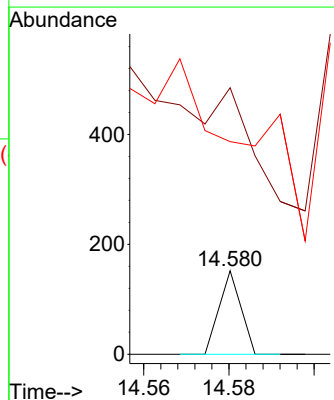
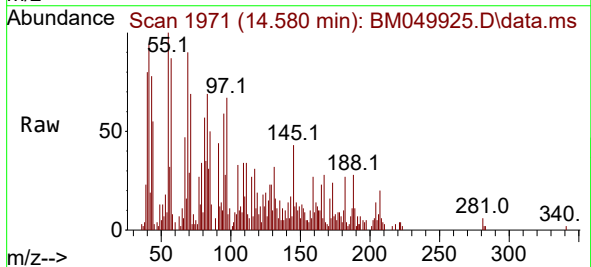
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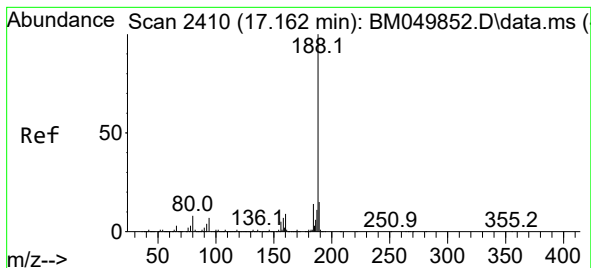
Tgt Ion:172 Resp: 951016
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.0 18.6 28.0



#54
2,4-Dinitrophenol
Concen: 7.228 ng
RT: 14.580 min Scan# 1971
Delta R.T. 0.047 min
Lab File: BM049925.D
Acq: 14 Apr 2025 22:23

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 319.1 38.4 57.6#
154 254.6 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM049925.D

Acq: 14 Apr 2025 22:23

Instrument :

BNA_M

ClientSampleId :

TR-05-041125

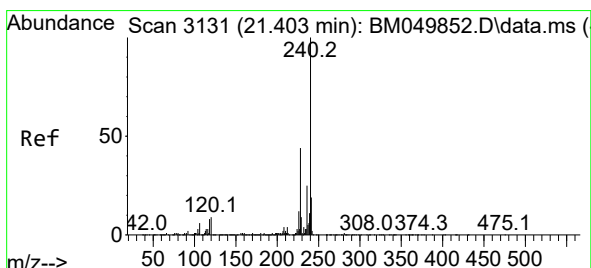
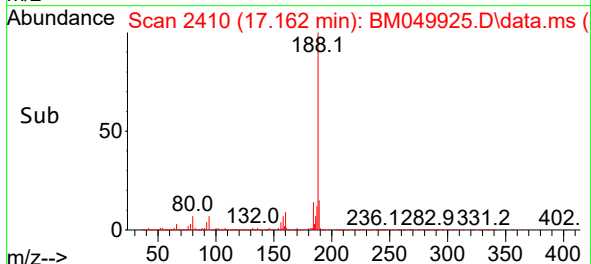
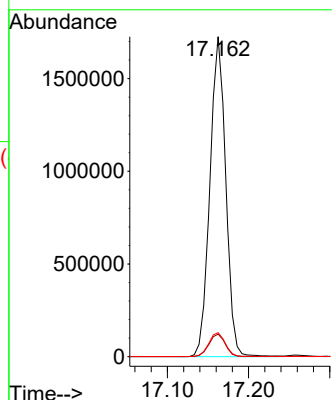
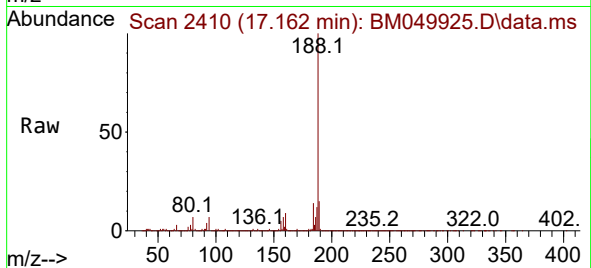
Tgt Ion:188 Resp: 2336795

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.5 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: BM049925.D

Acq: 14 Apr 2025 22:23

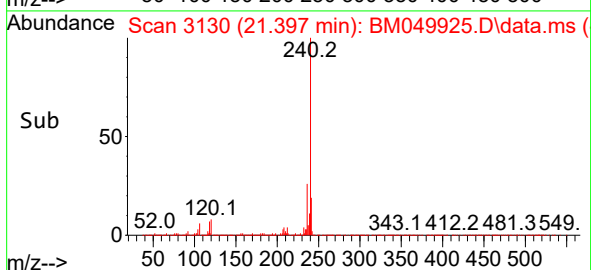
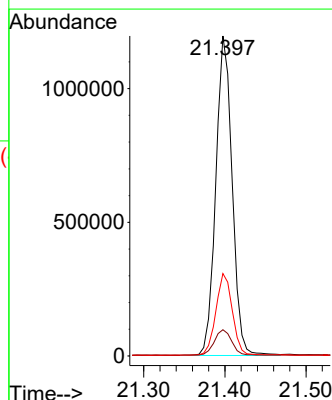
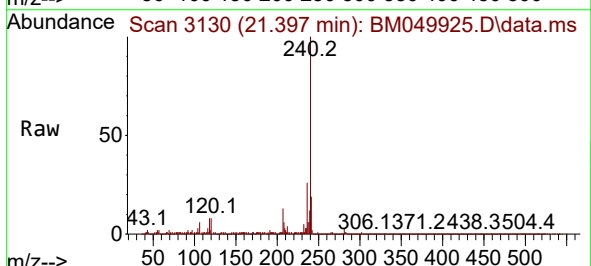
Tgt Ion:240 Resp: 1672838

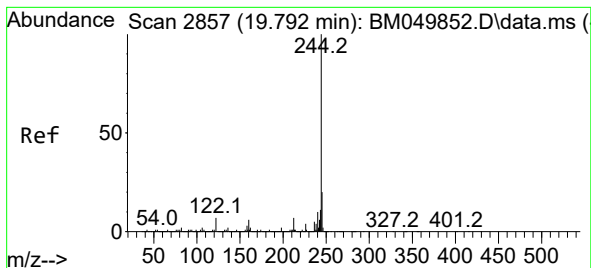
Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 12.580 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049925.D

Acq: 14 Apr 2025 22:23

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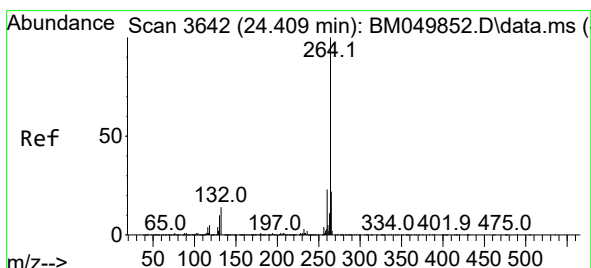
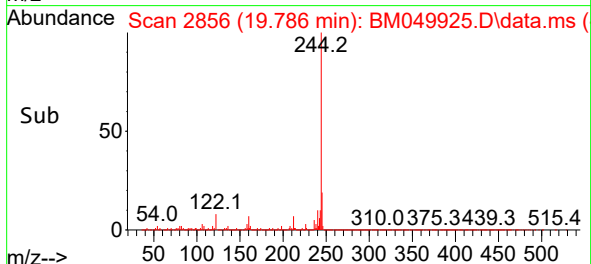
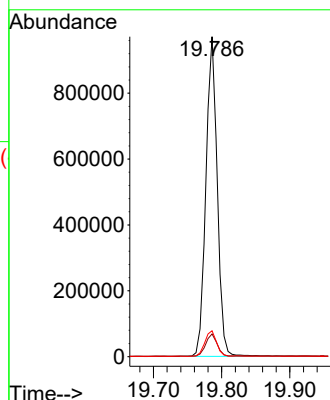
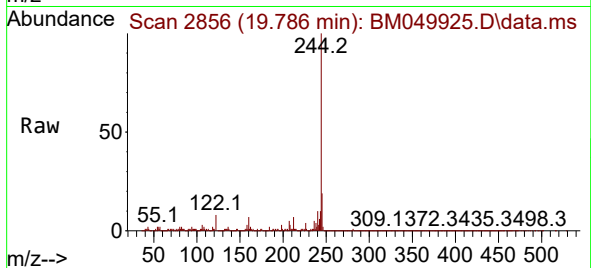
Tgt Ion:244 Resp: 1122915

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 8.1 5.4 8.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.403 min Scan# 3641

Delta R.T. -0.006 min

Lab File: BM049925.D

Acq: 14 Apr 2025 22:23

Tgt Ion:264 Resp: 1762931

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.2 17.8 26.8

