

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
 Data File : BM049981.D
 Acq On : 21 Apr 2025 12:38
 Operator : RC/JU
 Sample : PB167621TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167621TB

Quant Time: Apr 21 13:23:12 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)

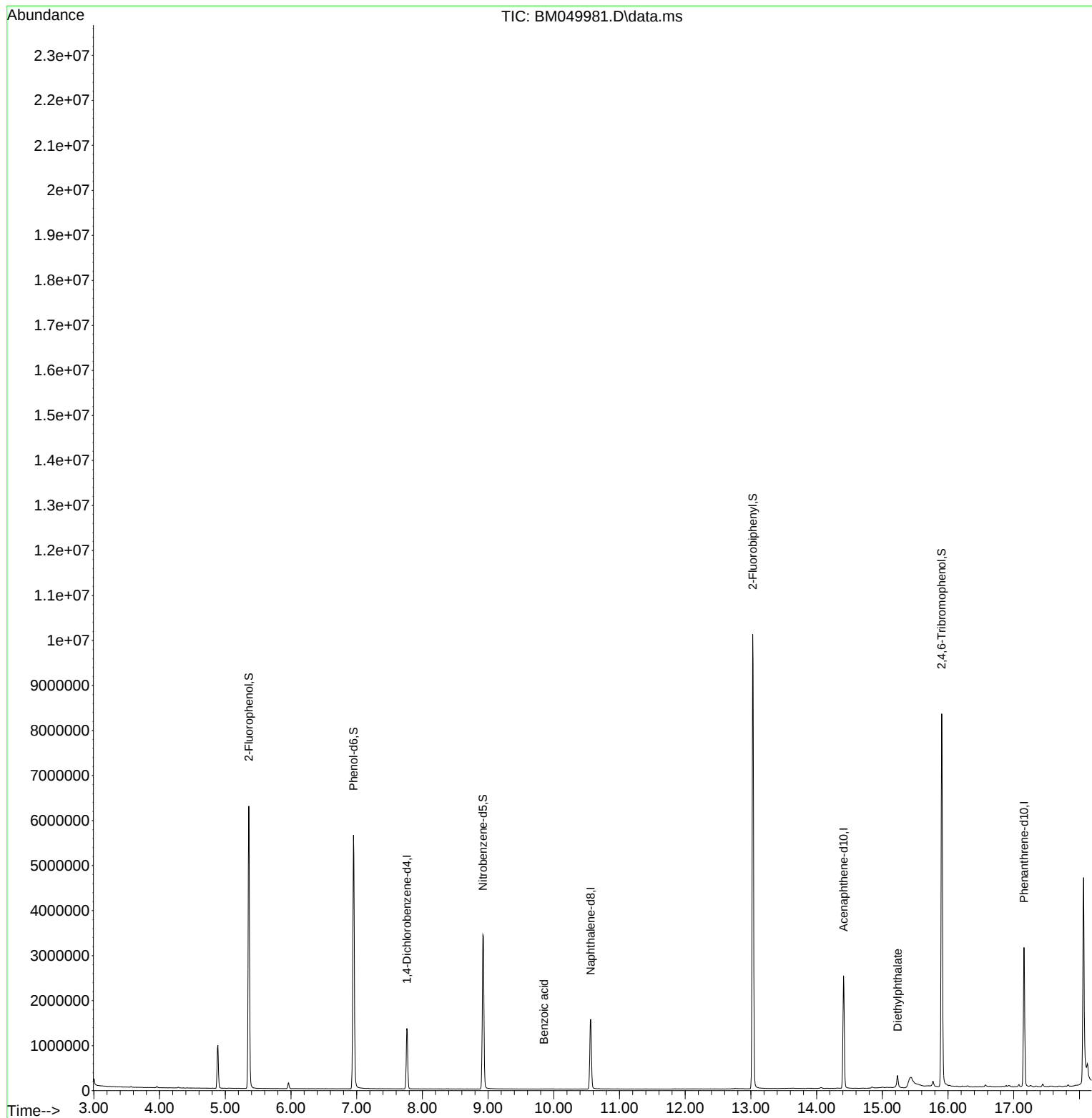
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	392593	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1385363	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	932878	20.000	ng	-0.01
64) Phenanthrene-d10	17.156	188	1864061	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1700858	20.000	ng	0.00
86) Perylene-d12	24.403	264	1550944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2876104	124.400	ng	0.00
7) Phenol-d6	6.951	99	3508736	121.978	ng	0.00
23) Nitrobenzene-d5	8.922	82	2082161	83.693	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1837115	135.390	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	5630441	81.843	ng	-0.02
79) Terphenyl-d14	19.786	244	9500511	104.679	ng	0.00
Target Compounds						
32) Benzoic acid	9.851	122	347	8.554	ng	Qvalue # 25
60) Diethylphthalate	15.233	149	231427	3.667	ng	100

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

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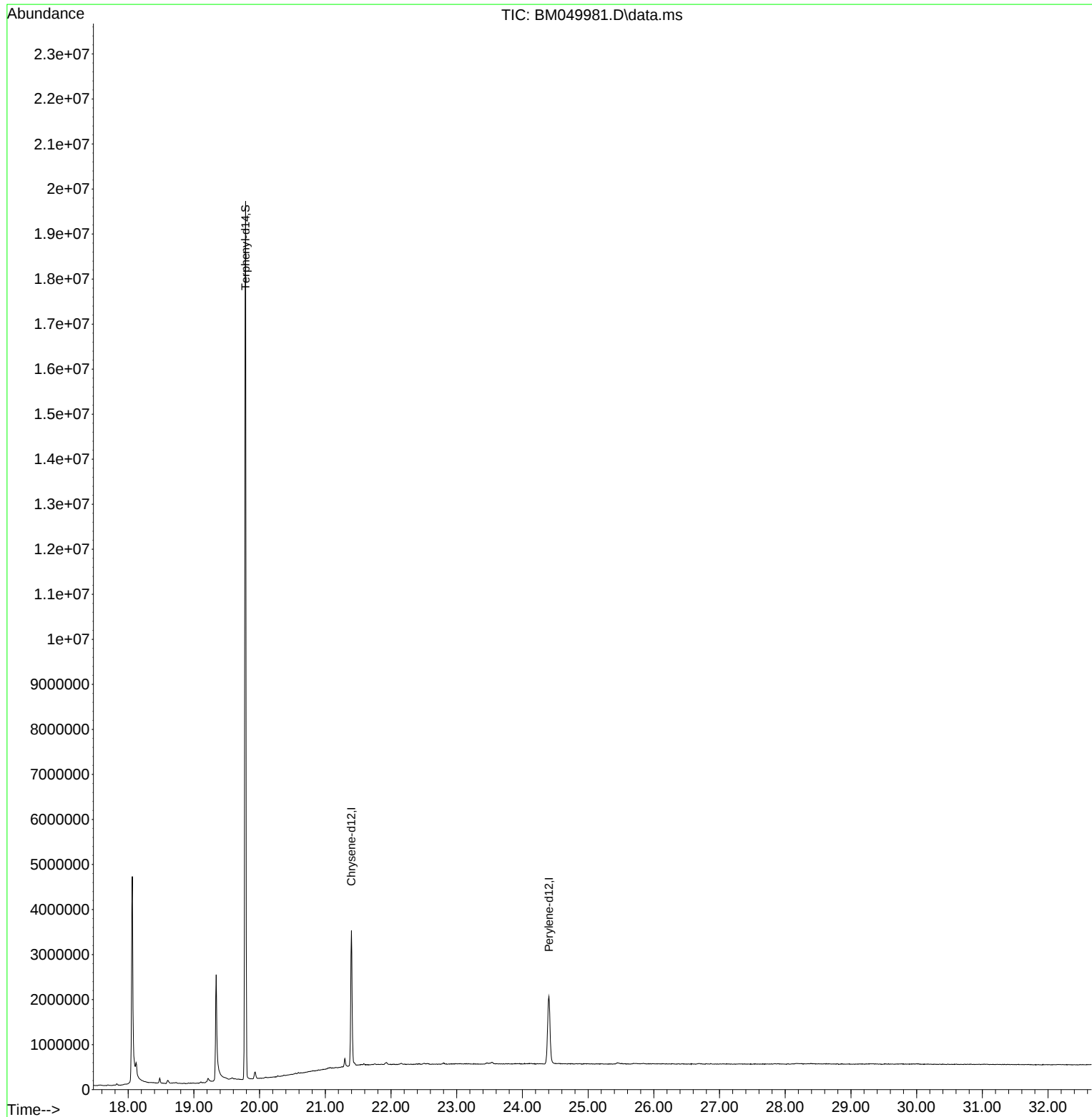
Quant Time: Apr 21 13:23:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

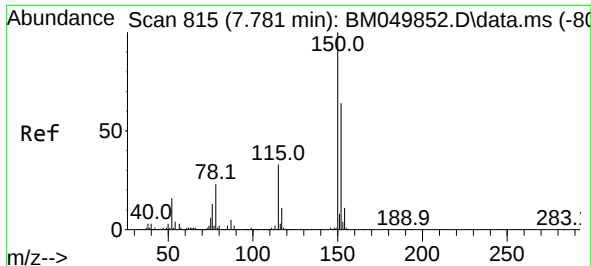


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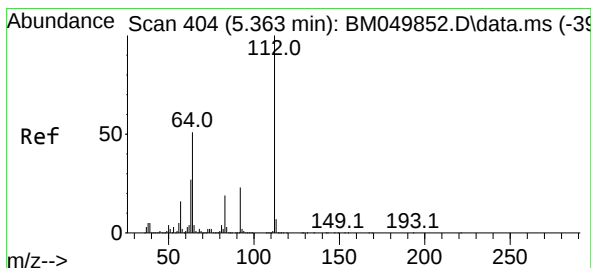
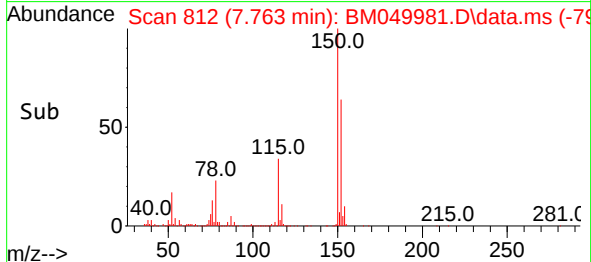
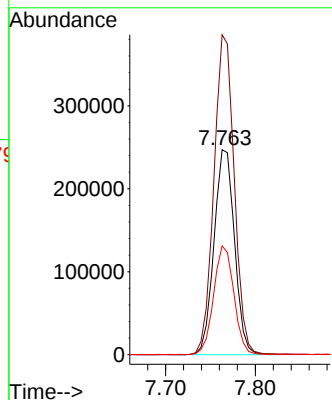
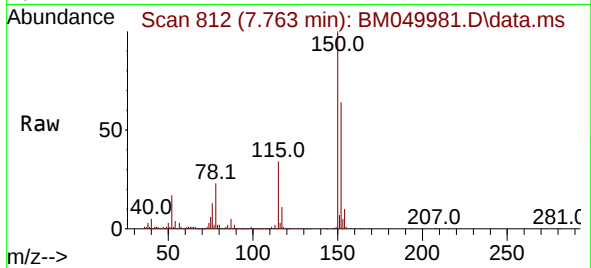




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

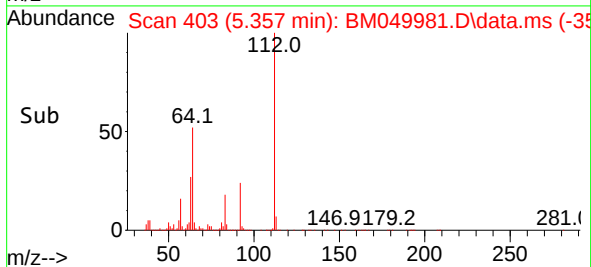
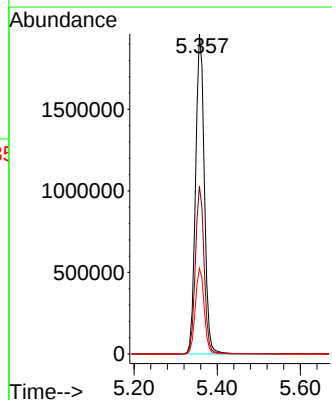
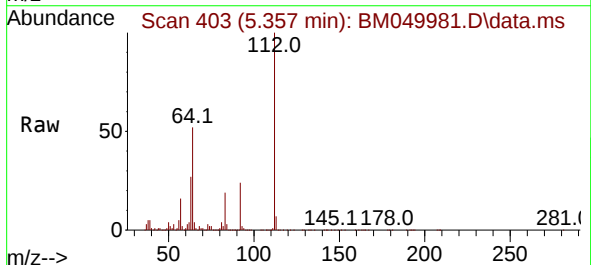
Instrument :
BNA_M
ClientSampleId :
PB167621TB

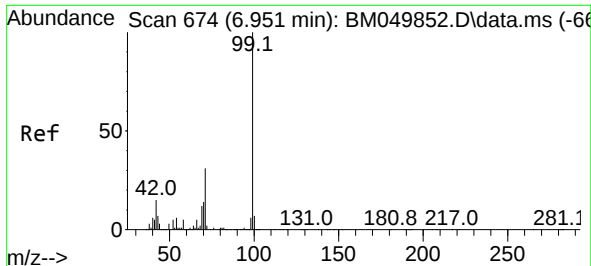
Tgt Ion:152 Resp: 392593
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 53.1 41.1 61.7



#5
2-Fluorophenol
Concen: 124.400 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

Tgt Ion:112 Resp: 2876104
Ion Ratio Lower Upper
112 100
64 52.4 41.0 61.6
63 26.8 21.5 32.3

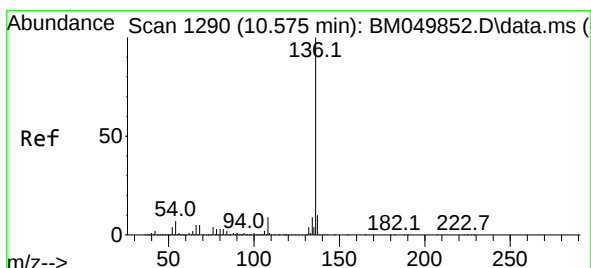
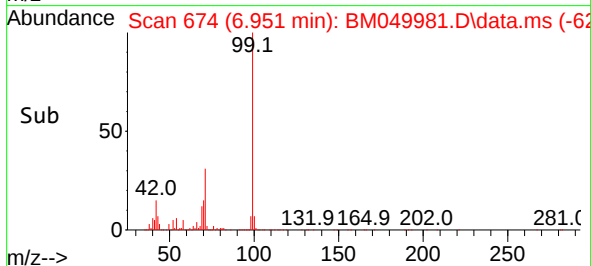
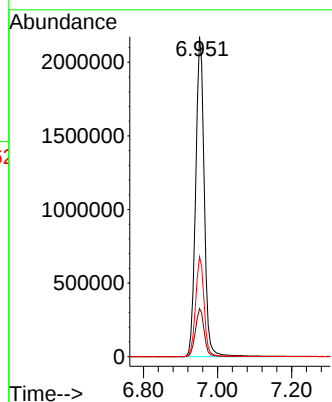
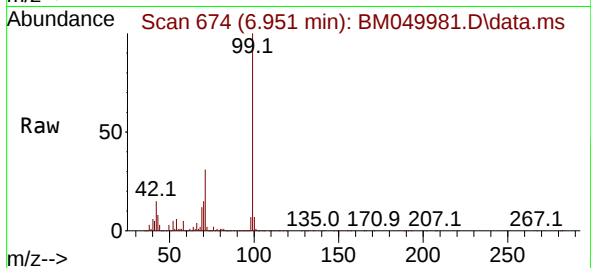




#7
Phenol-d6
Concen: 121.978 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

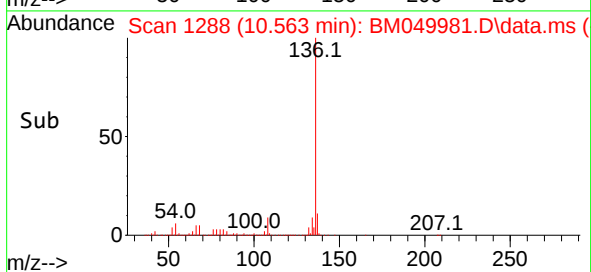
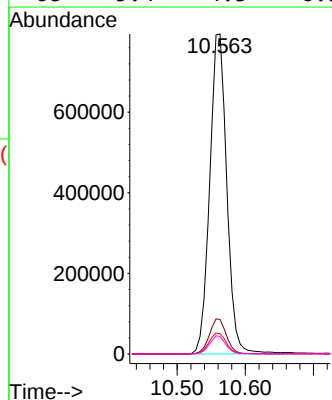
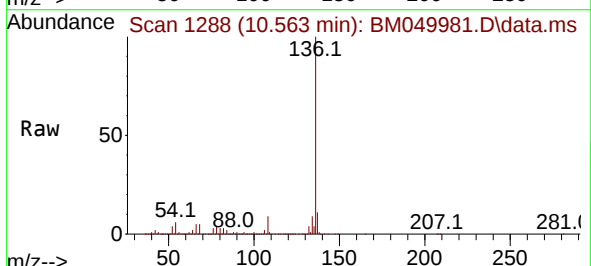
Instrument :
BNA_M
ClientSampleId :
PB167621TB

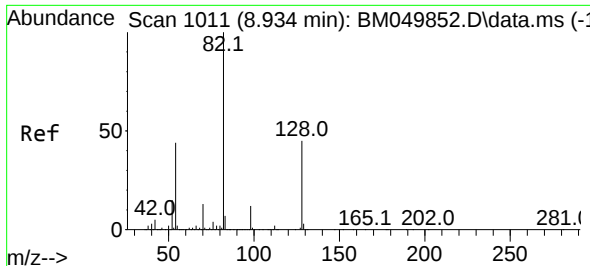
Tgt Ion: 99 Resp: 3508736
Ion Ratio Lower Upper
99 100
42 15.0 12.1 18.1
71 31.2 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

Tgt Ion: 136 Resp: 1385363
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.4 5.3 7.9
68 5.4 4.3 6.5

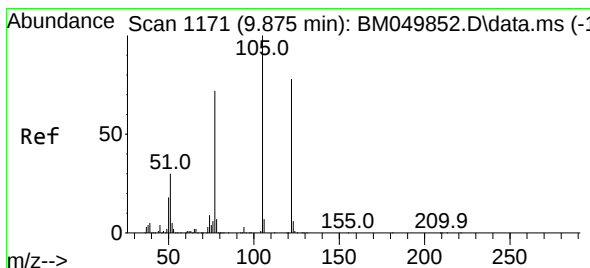
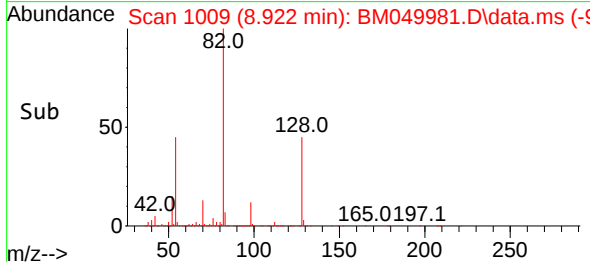
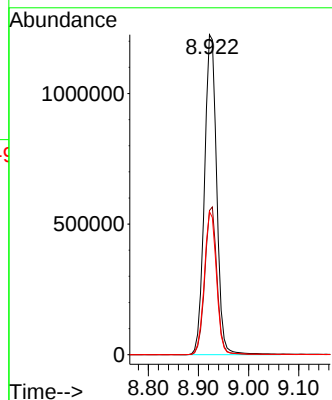
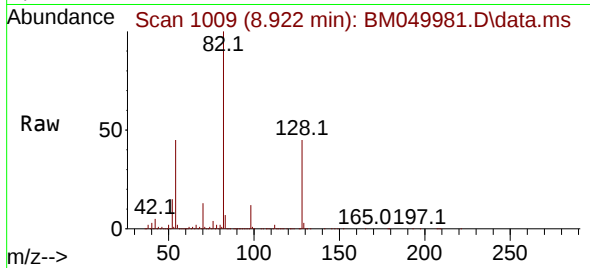




#23
Nitrobenzene-d5
Concen: 83.693 ng
RT: 8.922 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

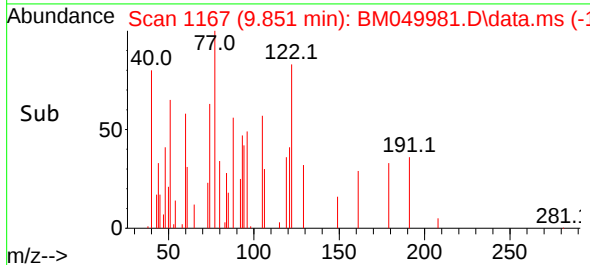
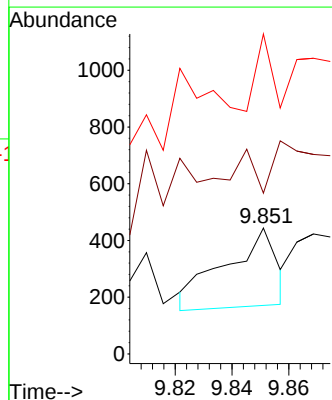
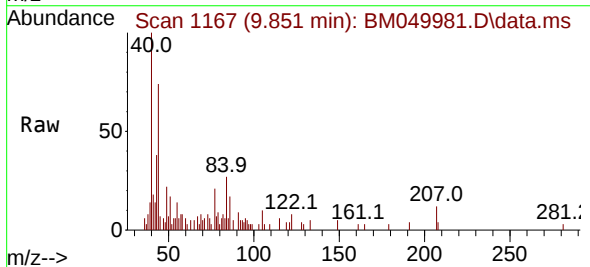
Instrument :
BNA_M
ClientSampleId :
PB167621TB

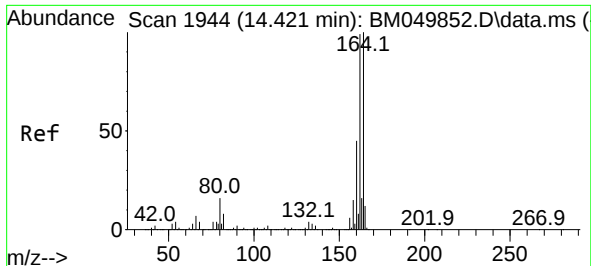
Tgt Ion: 82 Resp: 2082161
Ion Ratio Lower Upper
82 100
128 45.1 36.2 54.2
54 44.7 35.0 52.6



#32
Benzoic acid
Concen: 8.554 ng
RT: 9.851 min Scan# 1167
Delta R.T. -0.024 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

Tgt Ion:122 Resp: 347
Ion Ratio Lower Upper
122 100
105 127.7 103.8 143.8
77 254.1 70.7 110.7#

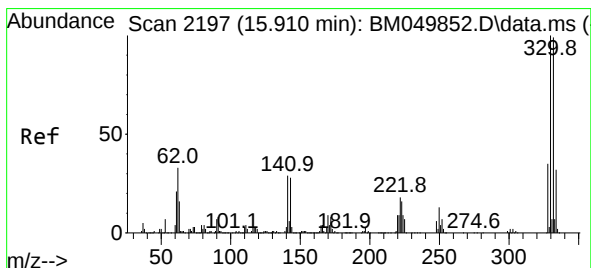
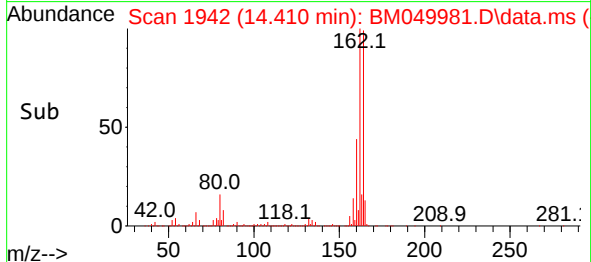
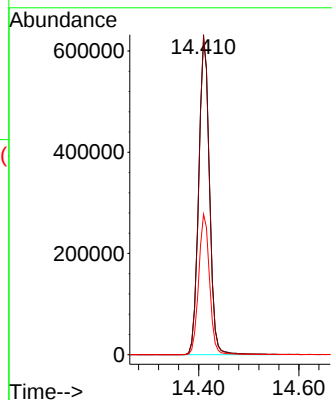
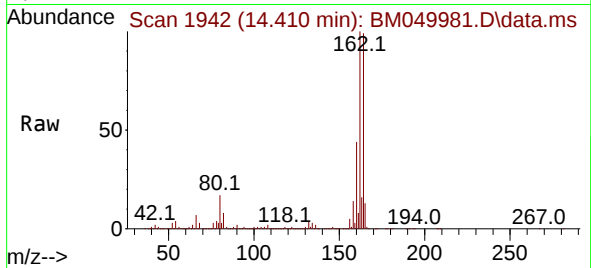




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

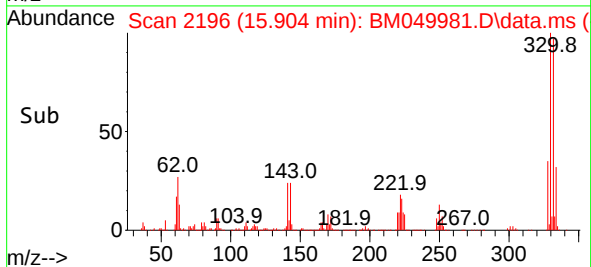
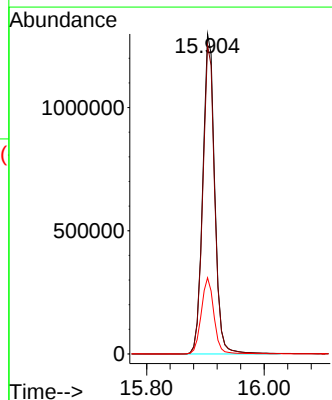
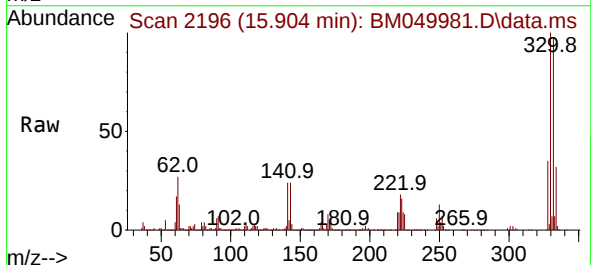
Instrument :
BNA_M
ClientSampleId :
PB167621TB

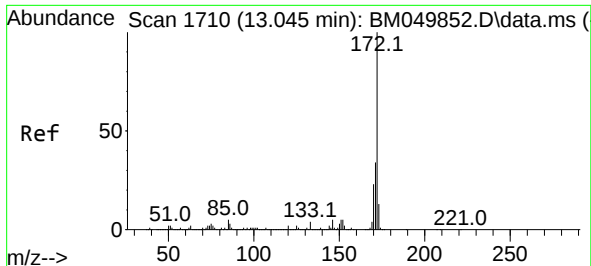
Tgt Ion:164 Resp: 932878
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 44.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 135.390 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

Tgt Ion:330 Resp: 1837115
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 25.1 23.5 35.3

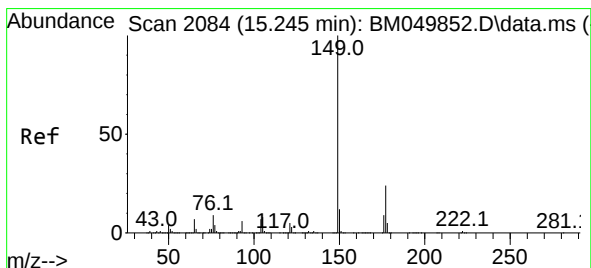
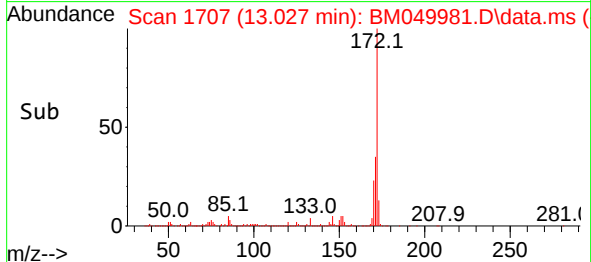
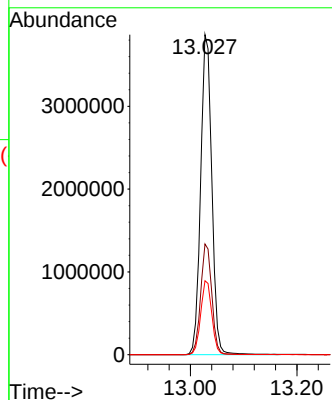
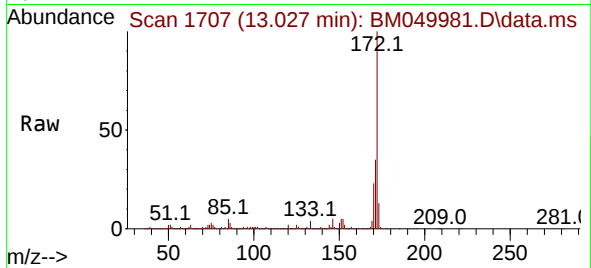




#45
2-Fluorobiphenyl
Concen: 81.843 ng
RT: 13.027 min Scan# 1710
Delta R.T. -0.018 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

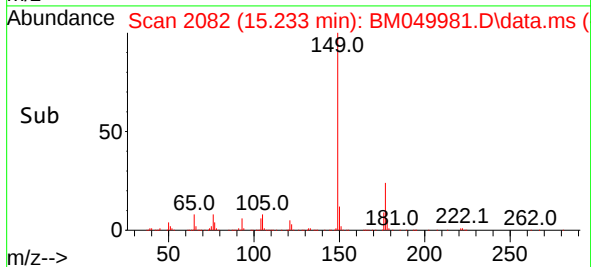
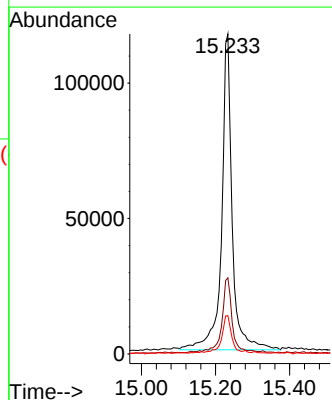
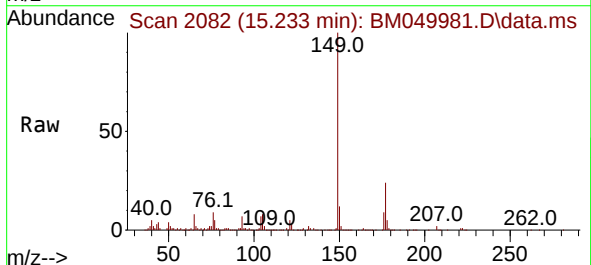
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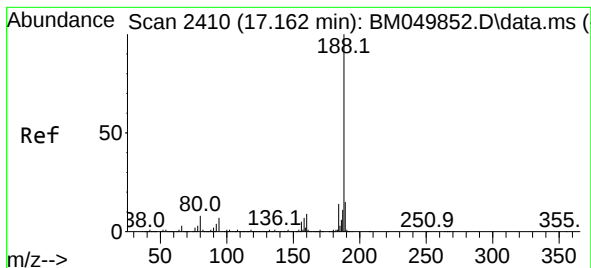
Tgt Ion:172 Resp: 5630441
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.2
170 23.1 18.6 28.0



#60
Diethylphthalate
Concen: 3.667 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM049981.D
Acq: 21 Apr 2025 12:38

Tgt Ion:149 Resp: 231427
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.4
150 12.0 9.7 14.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.156 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049981.D

Acq: 21 Apr 2025 12:38

Instrument :

BNA_M

ClientSampleId :

PB167621TB

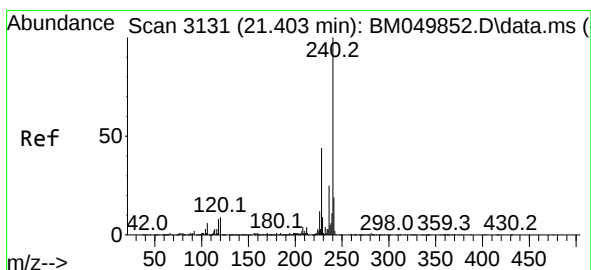
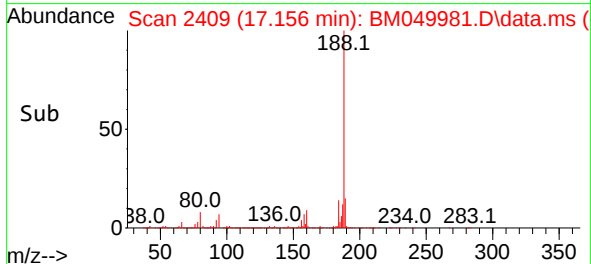
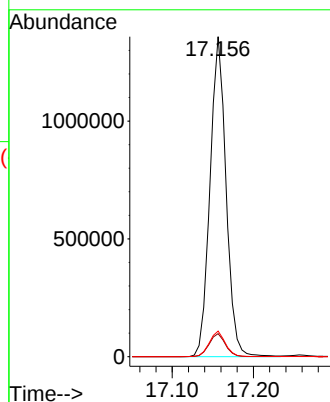
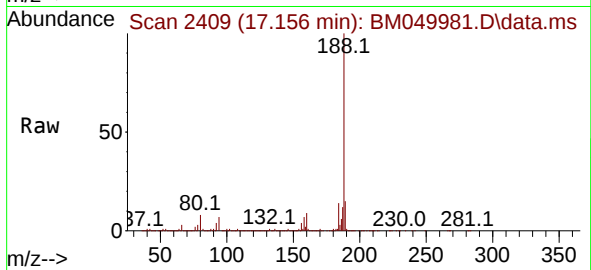
Tgt Ion:188 Resp: 1864061

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

80 8.0 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: BM049981.D

Acq: 21 Apr 2025 12:38

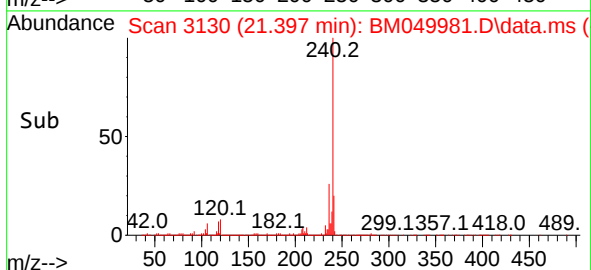
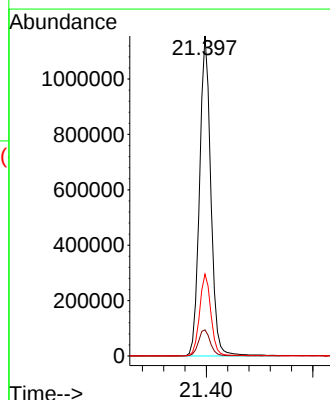
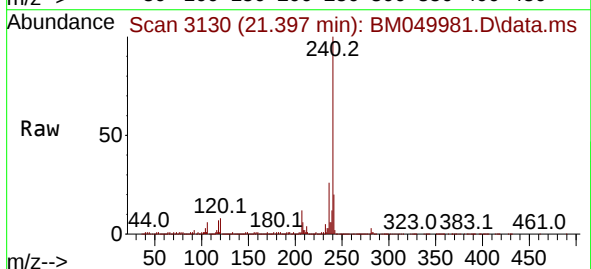
Tgt Ion:240 Resp: 1700858

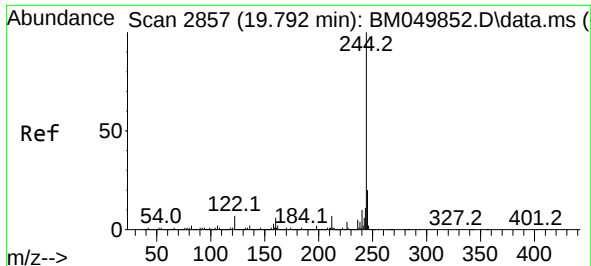
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 25.6 20.4 30.6

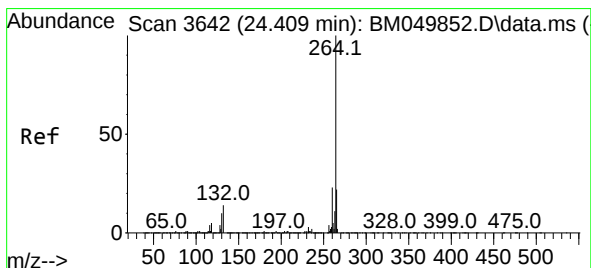
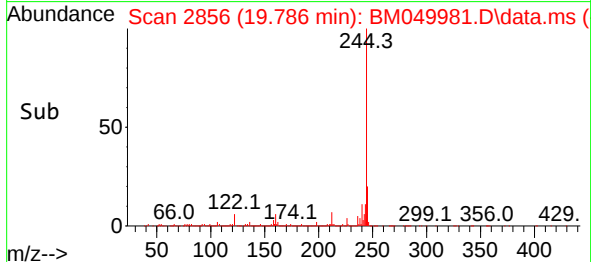
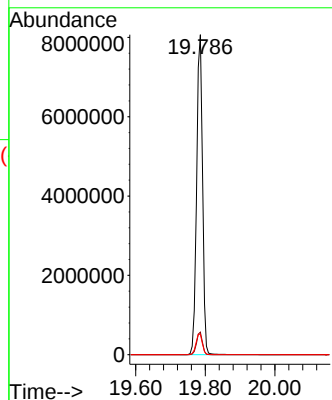
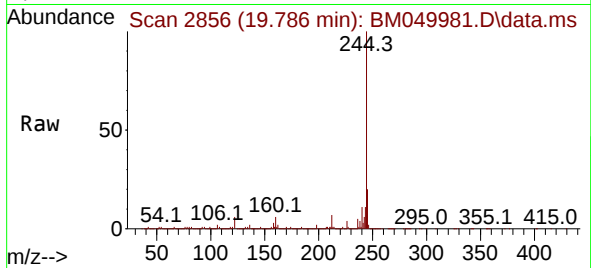




#79
 Terphenyl-d14
 Concen: 104.679 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049981.D
 Acq: 21 Apr 2025 12:38

Instrument :
 BNA_M
 ClientSampleId :
 PB167621TB

Tgt Ion:244 Resp: 9500511
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.4 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: BM049981.D
 Acq: 21 Apr 2025 12:38

Tgt Ion:264 Resp: 1550944
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.2 17.8 26.8

