

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101573.D
 Acq On : 11 Nov 2024 15:44
 Operator : RC/JU
 Sample : P4796-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-2

Quant Time: Nov 11 15:30:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

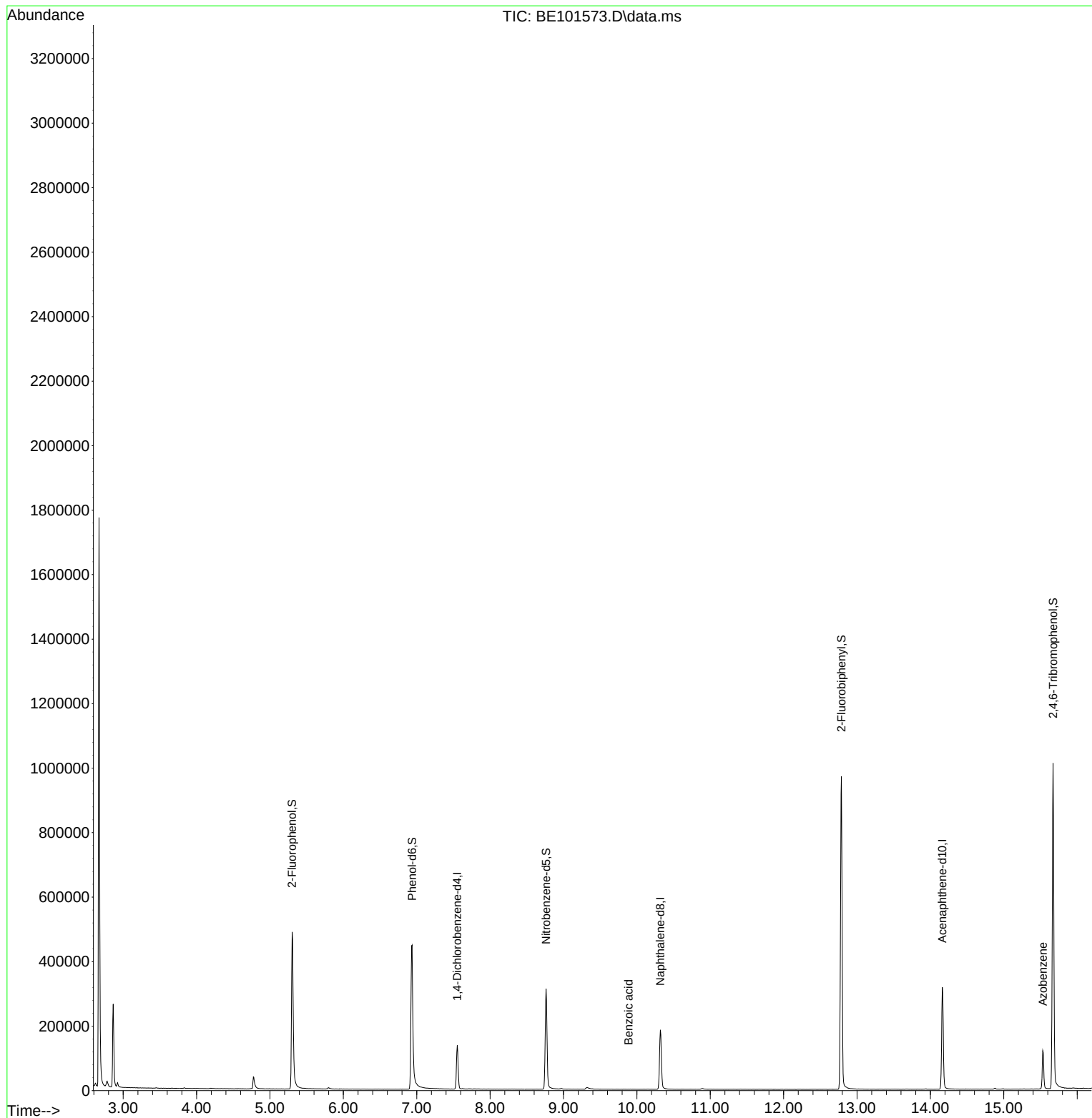
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	38658	20.000	ng	0.00
21) Naphthalene-d8	10.320	136	171044	20.000	ng	-0.01
39) Acenaphthene-d10	14.163	164	119826	20.000	ng	-0.01
64) Phenanthrene-d10	16.901	188	300796	20.000	ng	-0.01
76) Chrysene-d12	21.067	240	357658	20.000	ng	-0.01
86) Perylene-d12	23.346	264	456756	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.303	112	256148	117.159	ng	-0.01
7) Phenol-d6	6.936	99	327295	109.185	ng	-0.01
23) Nitrobenzene-d5	8.763	82	193032	71.285	ng	-0.01
42) 2,4,6-Tribromophenol	15.673	330	252304	111.898	ng	-0.01
45) 2-Fluorobiphenyl	12.788	172	539695	73.541	ng	-0.01
79) Terphenyl-d14	19.498	244	1392740	86.197	ng	0.00
Target Compounds						
32) Benzoic acid	9.886	122	8	6.838	ng	# 41
63) Azobenzene	15.532	77	34621	4.717	ng	# 1

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

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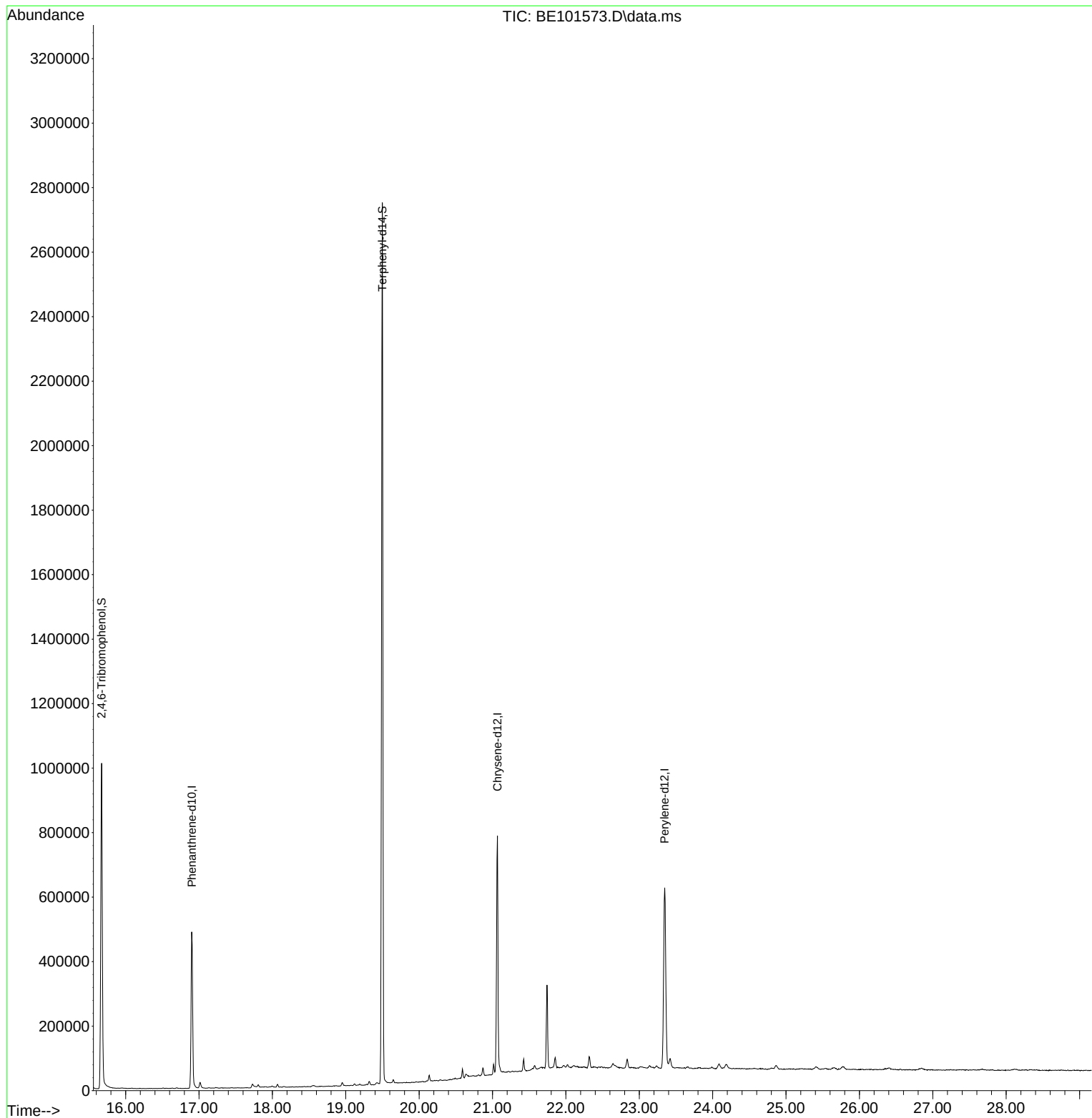
Quant Time: Nov 11 15:30:56 2024
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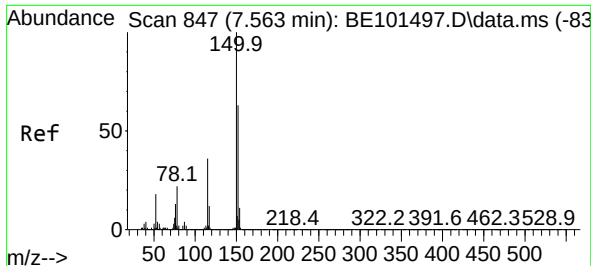


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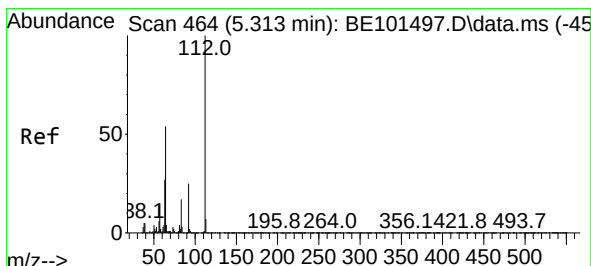
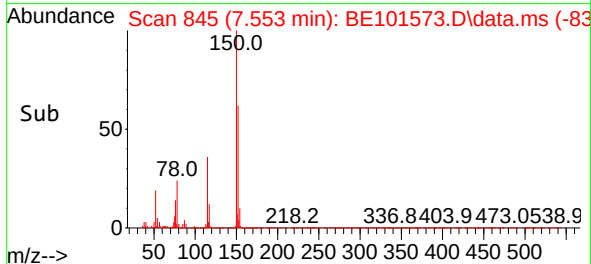
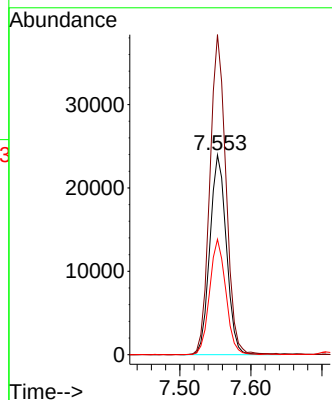
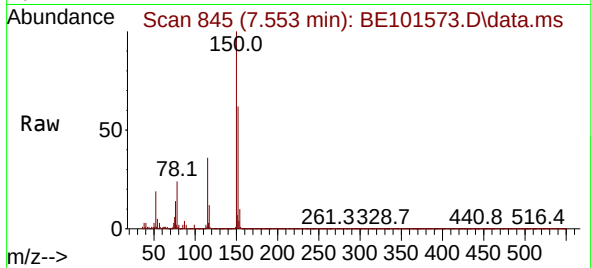




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.553 min Scan# 847
Delta R.T. -0.010 min
Lab File: BE101573.D
Acq: 11 Nov 2024 15:44

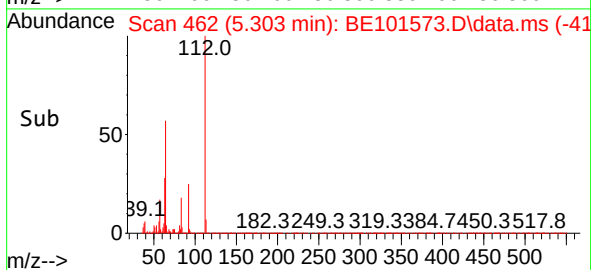
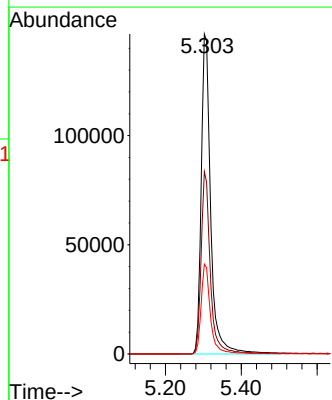
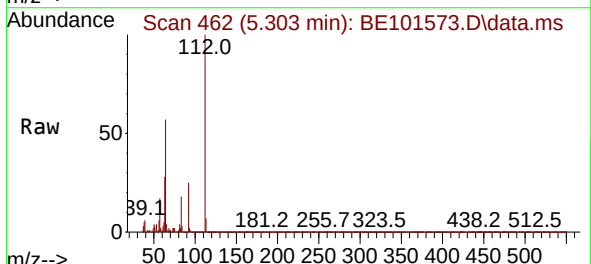
Instrument :
BNA_E
ClientSampleId :
TP-2

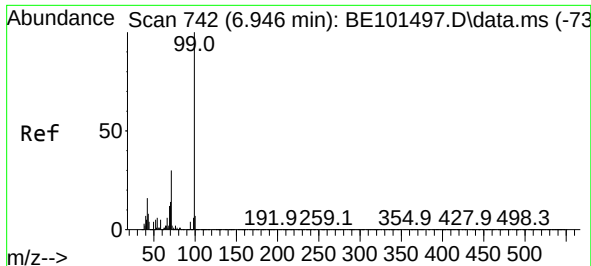
Tgt Ion:152 Resp: 38658
Ion Ratio Lower Upper
152 100
150 160.3 126.3 189.5
115 57.8 45.0 67.4



#5
2-Fluorophenol
Concen: 117.159 ng
RT: 5.303 min Scan# 462
Delta R.T. -0.010 min
Lab File: BE101573.D
Acq: 11 Nov 2024 15:44

Tgt Ion:112 Resp: 256148
Ion Ratio Lower Upper
112 100
64 57.0 43.2 64.8
63 28.1 21.8 32.6

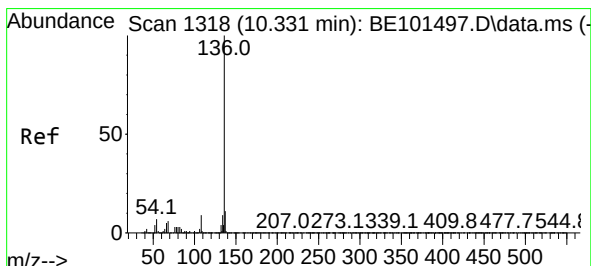
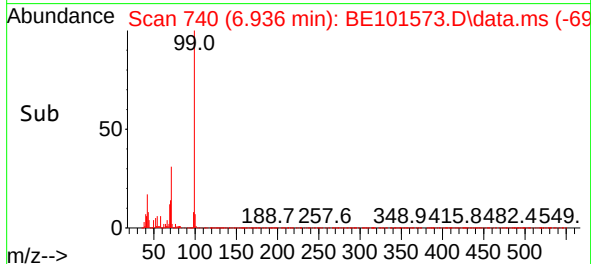
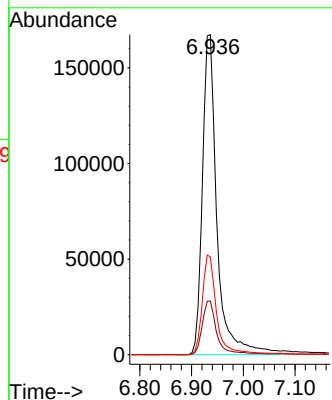
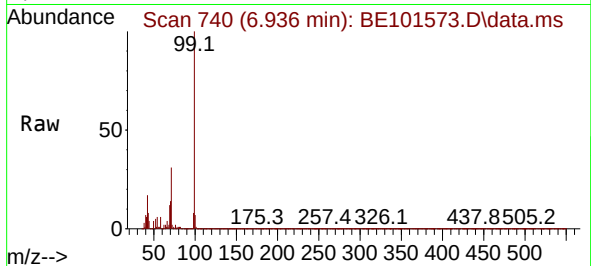




#7
Phenol-d6
Concen: 109.185 ng
RT: 6.936 min Scan# 742
Delta R.T. -0.010 min
Lab File: BE101573.D
Acq: 11 Nov 2024 15:44

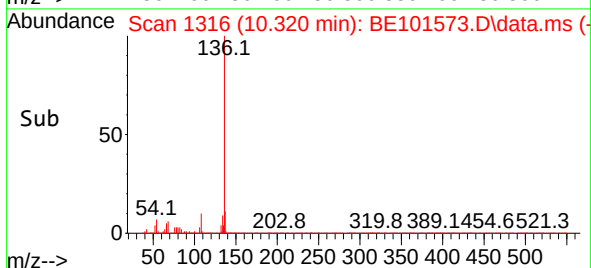
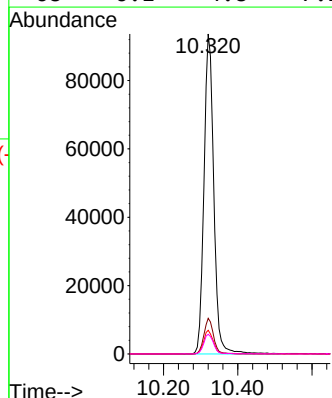
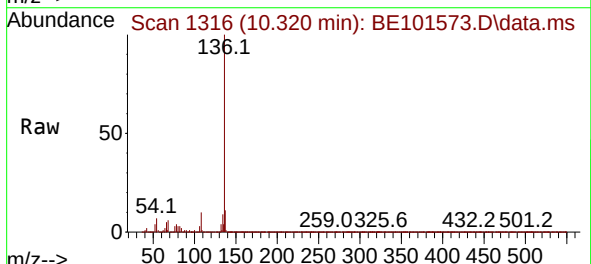
Instrument :
BNA_E
ClientSampleId :
TP-2

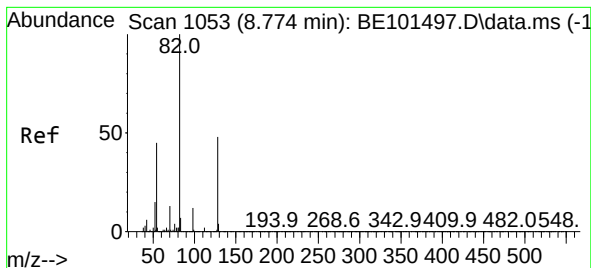
Tgt Ion: 99 Resp: 327295
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 30.6 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.010 min
Lab File: BE101573.D
Acq: 11 Nov 2024 15:44

Tgt Ion: 136 Resp: 171044
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.4 5.6 8.4
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 71.285 ng

RT: 8.763 min Scan# 1051

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

Instrument :

BNA_E

ClientSampleId :

TP-2

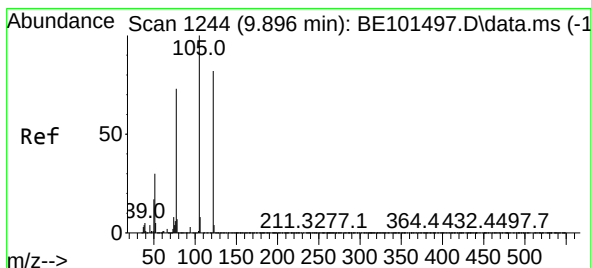
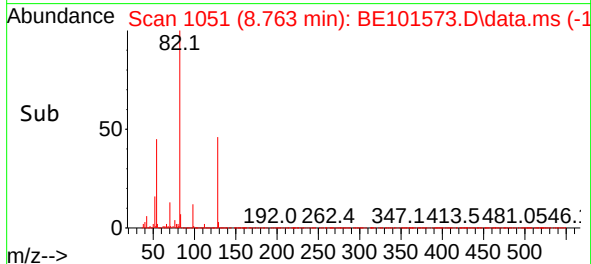
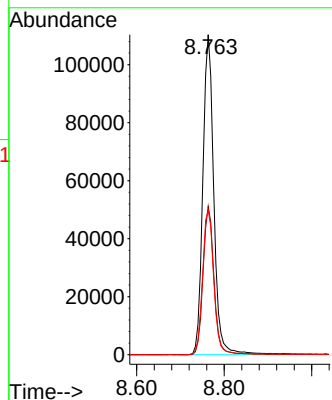
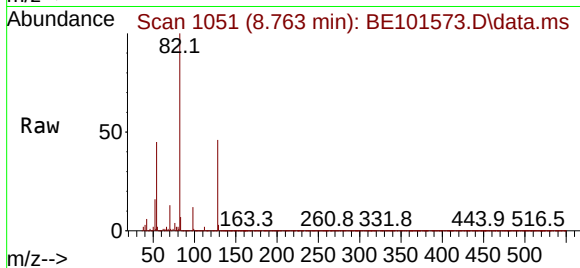
Tgt Ion: 82 Resp: 193032

Ion Ratio Lower Upper

82 100

128 46.4 38.6 58.0

54 45.1 36.3 54.5



#32

Benzoic acid

Concen: 6.838 ng

RT: 9.886 min Scan# 1242

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

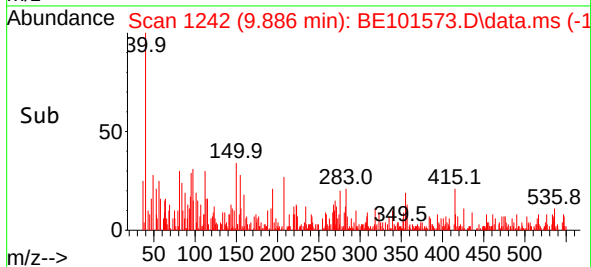
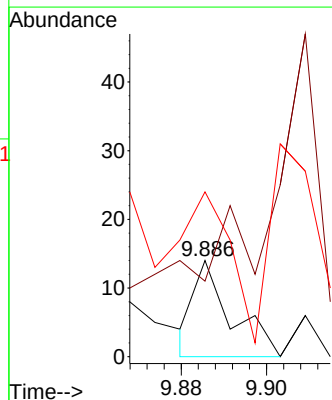
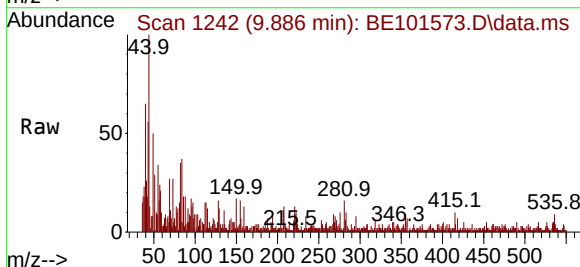
Tgt Ion: 122 Resp: 8

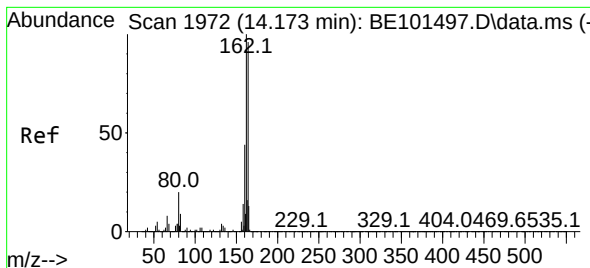
Ion Ratio Lower Upper

122 100

105 78.6 100.6 140.6#

77 171.4 68.6 108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.163 min Scan# 1972

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

Instrument :

BNA_E

ClientSampleId :

TP-2

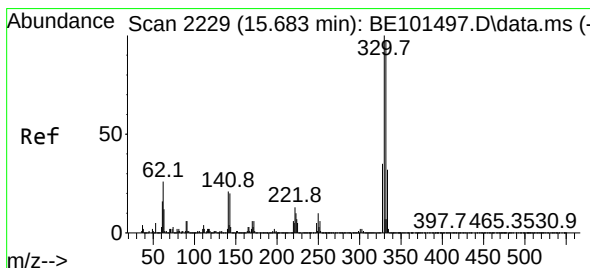
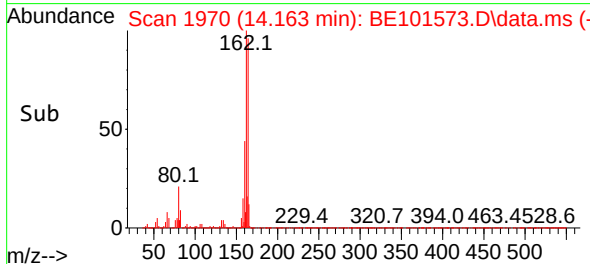
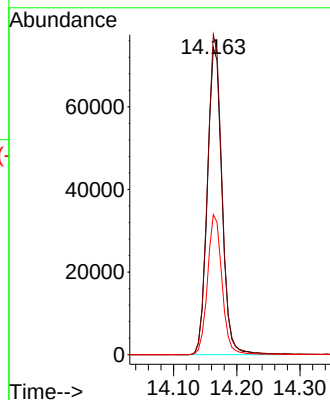
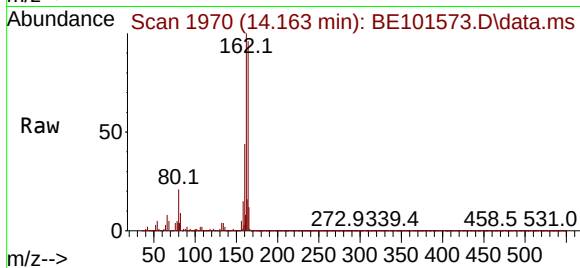
Tgt Ion:164 Resp: 119826

Ion Ratio Lower Upper

164 100

162 104.2 83.7 125.5

160 45.6 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 111.898 ng

RT: 15.673 min Scan# 2227

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

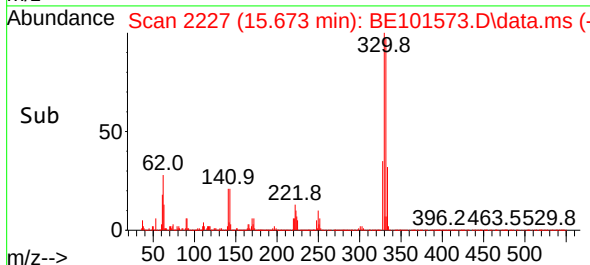
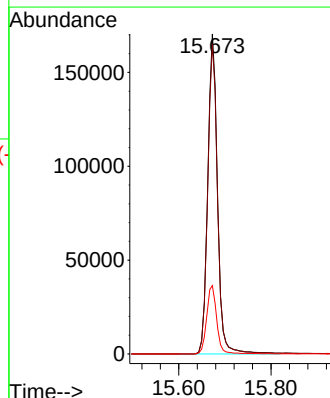
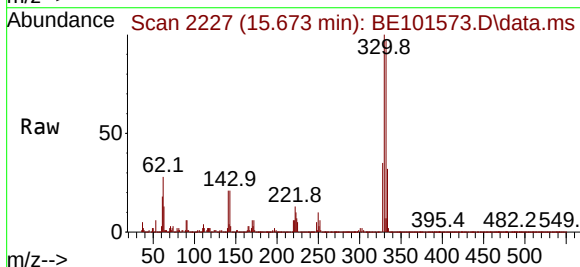
Tgt Ion:330 Resp: 252304

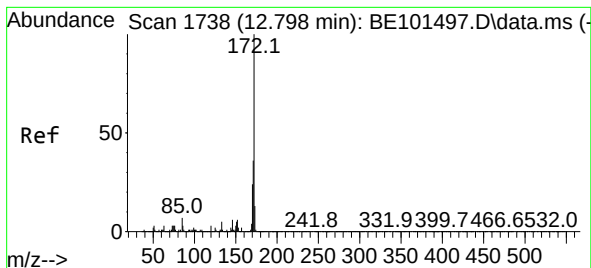
Ion Ratio Lower Upper

330 100

332 98.1 77.7 116.5

141 22.1 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 73.541 ng

RT: 12.788 min Scan# 1

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

Instrument :

BNA_E

ClientSampleId :

TP-2

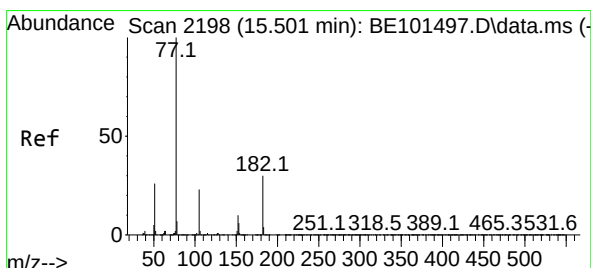
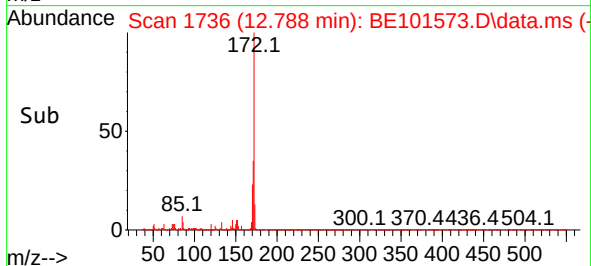
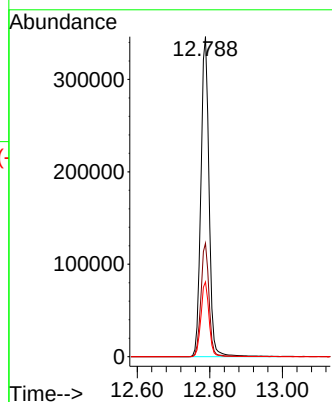
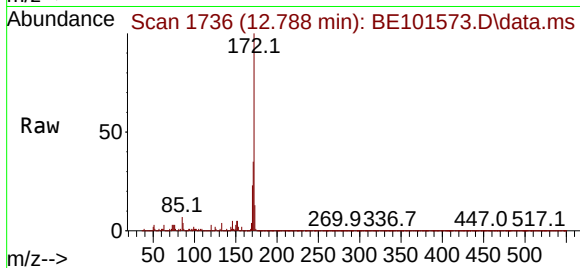
Tgt Ion:172 Resp: 539695

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.3 18.9 28.3



#63

Azobenzene

Concen: 4.717 ng

RT: 15.532 min Scan# 2203

Delta R.T. 0.031 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

Tgt Ion: 77 Resp: 34621

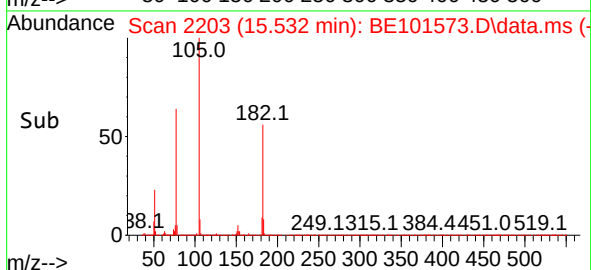
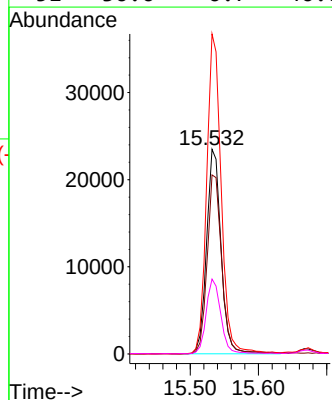
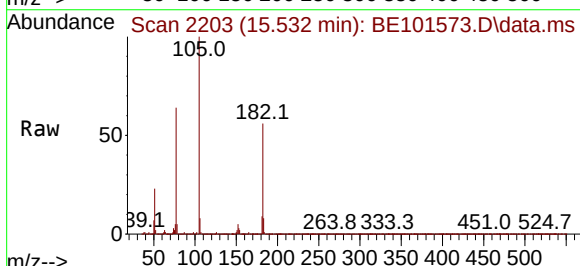
Ion Ratio Lower Upper

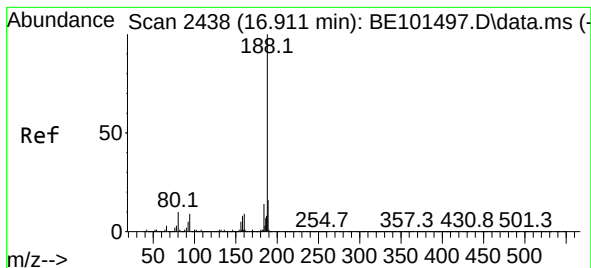
77 100

182 87.5 9.1 49.1#

105 156.4 3.2 43.2#

51 36.6 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 2438

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

Instrument :

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ClientSampleId :

TP-2

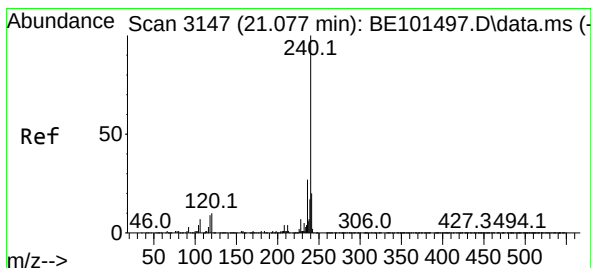
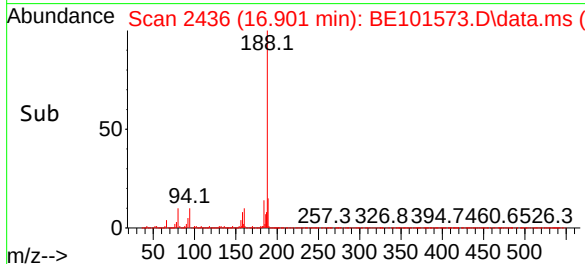
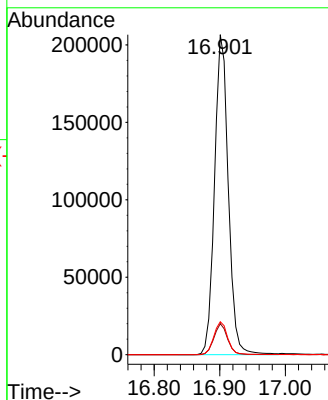
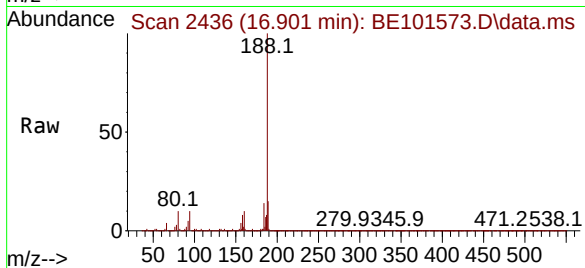
Tgt Ion:188 Resp: 300796

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.067 min Scan# 3145

Delta R.T. -0.010 min

Lab File: BE101573.D

Acq: 11 Nov 2024 15:44

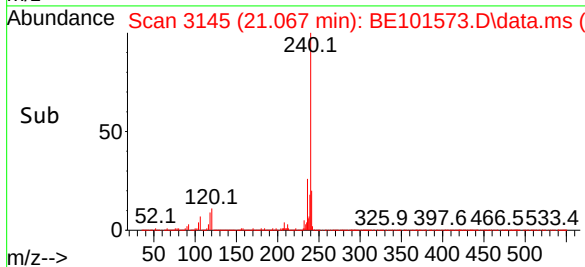
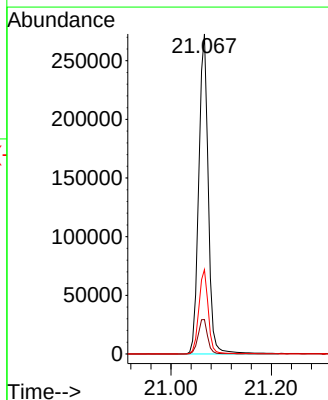
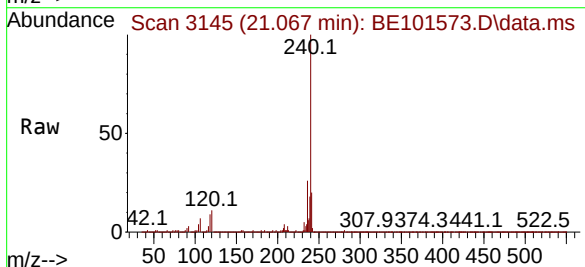
Tgt Ion:240 Resp: 357658

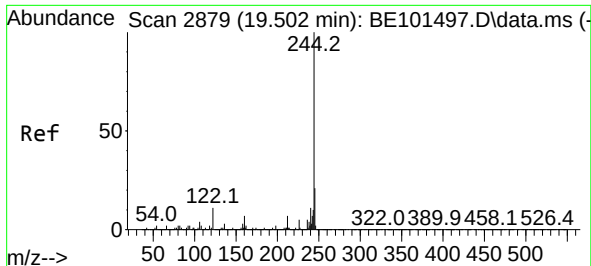
Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.4

236 26.3 21.4 32.2

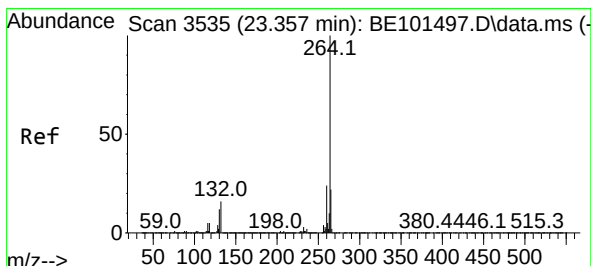
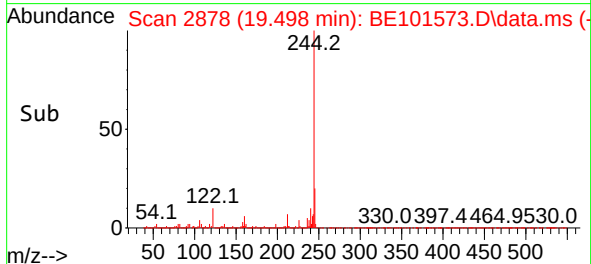
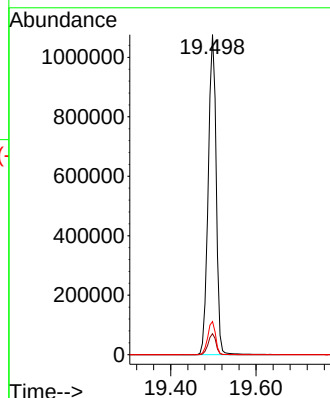
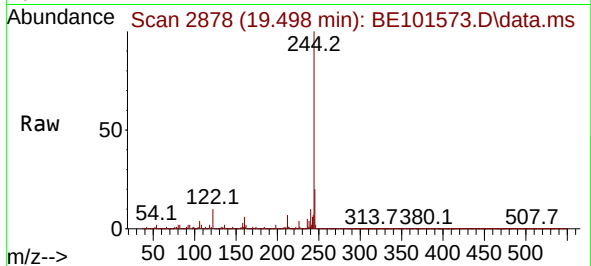




#79
 Terphenyl-d14
 Concen: 86.197 ng
 RT: 19.498 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BE101573.D
 Acq: 11 Nov 2024 15:44

Instrument :
 BNA_E
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1392740
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.346 min Scan# 3533
 Delta R.T. -0.010 min
 Lab File: BE101573.D
 Acq: 11 Nov 2024 15:44

Tgt Ion:264 Resp: 456756
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.9 17.4 26.2

