

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101572.D
 Acq On : 11 Nov 2024 15:08
 Operator : RC/JU
 Sample : P4796-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-4

Quant Time: Nov 11 15:22:22 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)

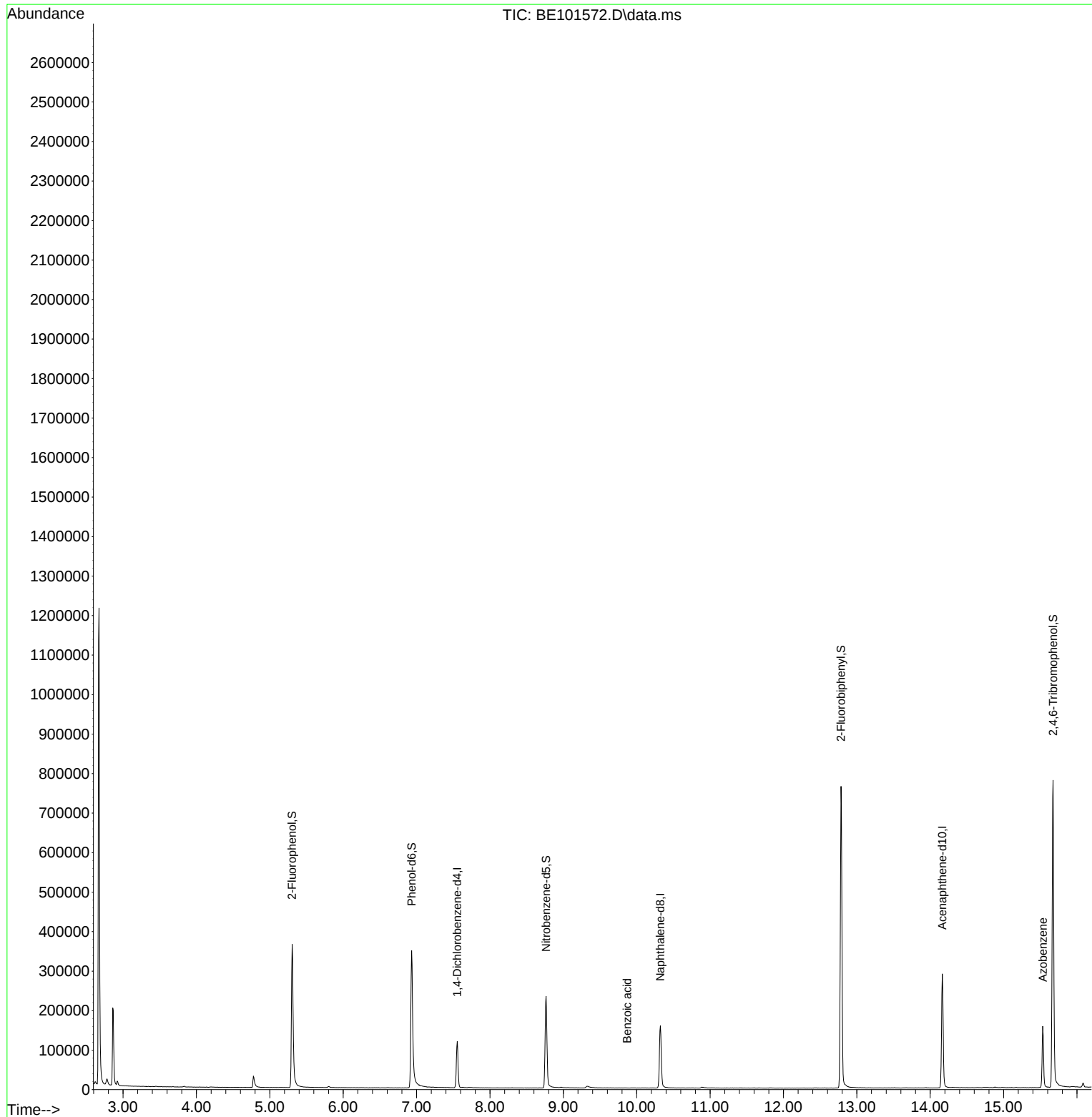
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	33445	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	147918	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	106695	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	267919	20.000	ng	0.00
76) Chrysene-d12	21.063	240	326223	20.000	ng	-0.01
86) Perylene-d12	23.348	264	413661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	191900	101.454	ng	0.00
7) Phenol-d6	6.932	99	253847	97.882	ng	-0.01
23) Nitrobenzene-d5	8.765	82	148596	63.454	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	201528	100.379	ng	0.00
45) 2-Fluorobiphenyl	12.784	172	424982	65.037	ng	-0.01
79) Terphenyl-d14	19.494	244	1145780	77.746	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.870	122	14	6.842	ng	84
63) Azobenzene	15.534	77	43729	6.691	ng	# 1
85) Di-n-octyl phthalate	21.744	149	167274	7.840	ng	# 47

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

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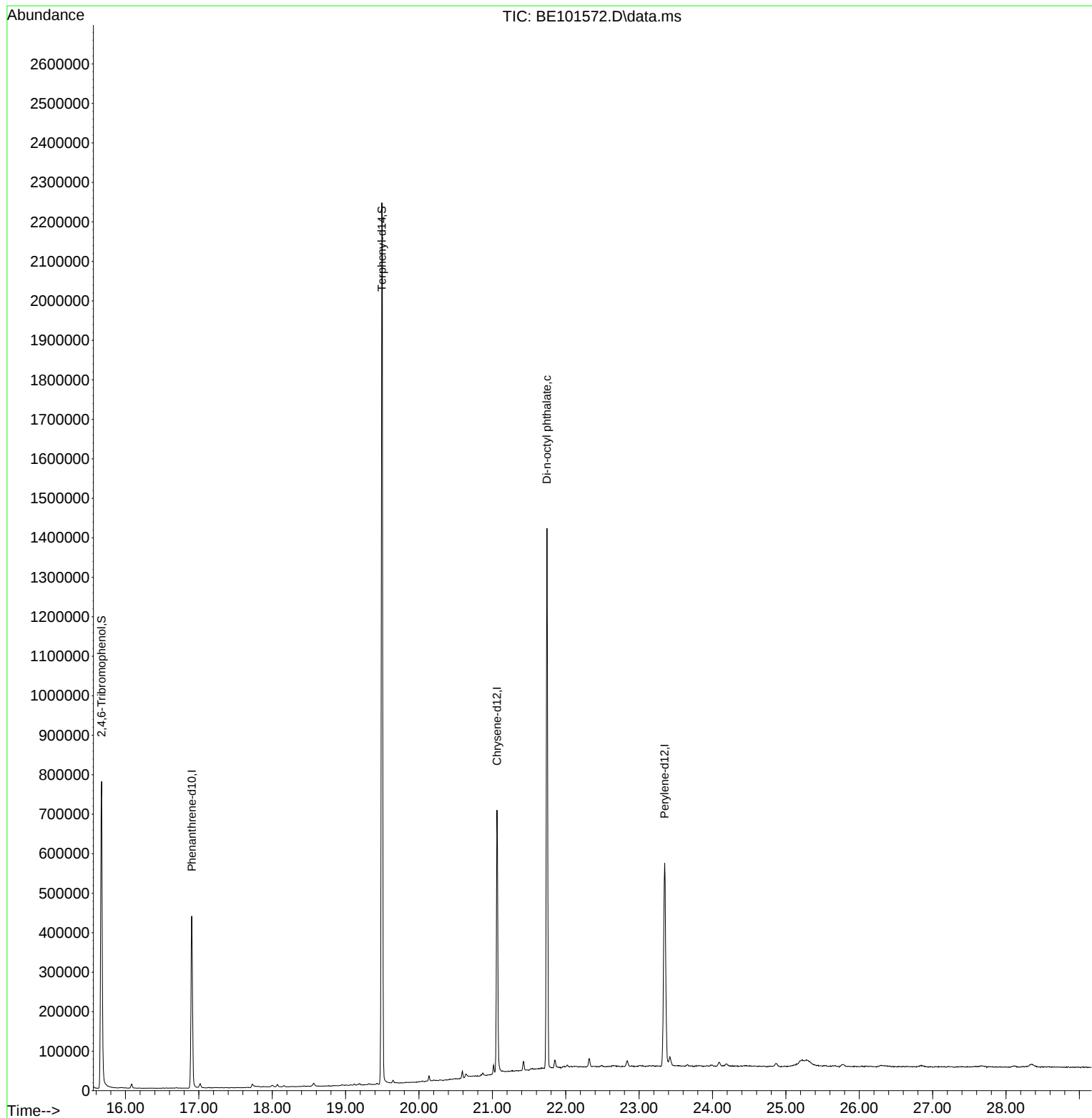
Quant Time: Nov 11 15:22:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
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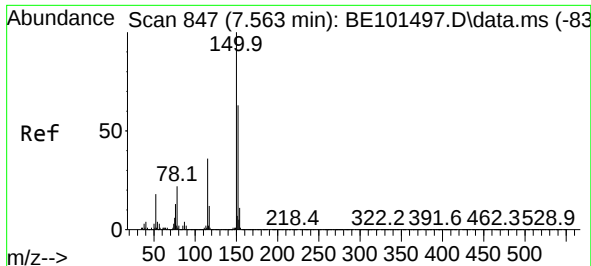


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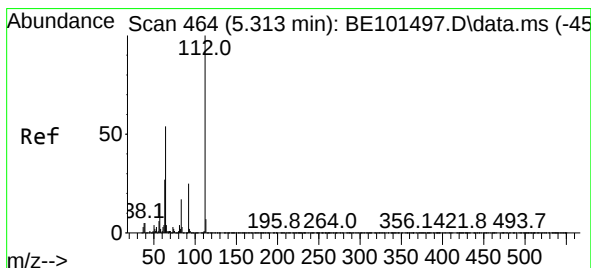
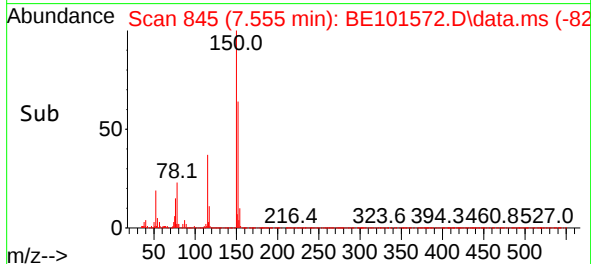
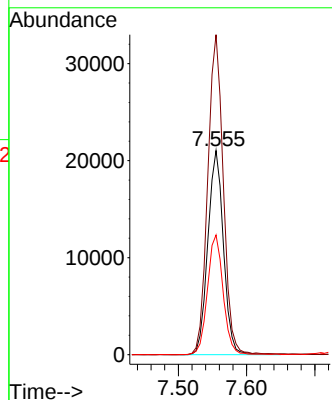
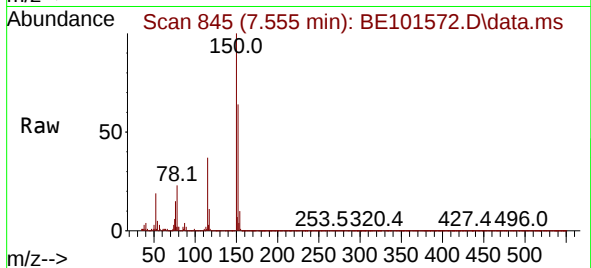




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

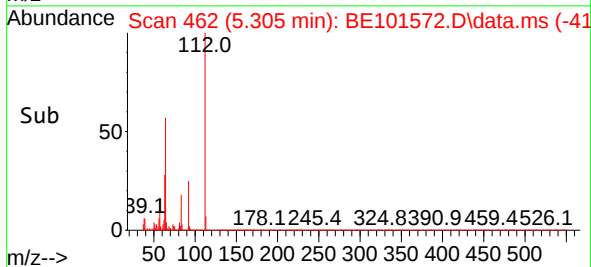
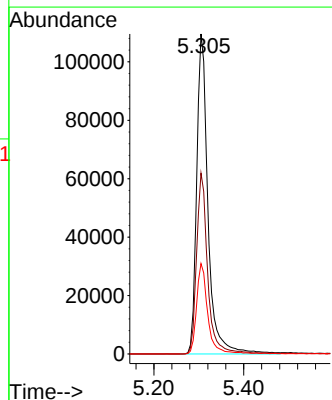
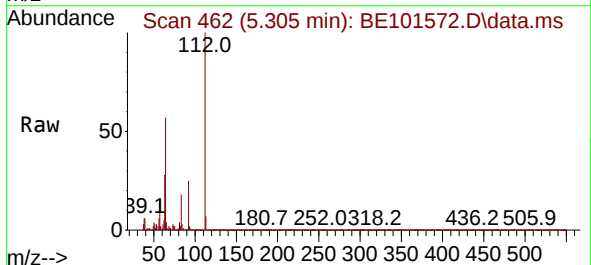
Instrument :
BNA_E
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 33445
Ion Ratio Lower Upper
152 100
150 156.7 126.3 189.5
115 58.6 45.0 67.4



#5
2-Fluorophenol
Concen: 101.454 ng
RT: 5.305 min Scan# 462
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

Tgt Ion:112 Resp: 191900
Ion Ratio Lower Upper
112 100
64 56.5 43.2 64.8
63 28.2 21.8 32.6





#7

Phenol-d6

Concen: 97.882 ng

RT: 6.932 min Scan# 742

Delta R.T. -0.014 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

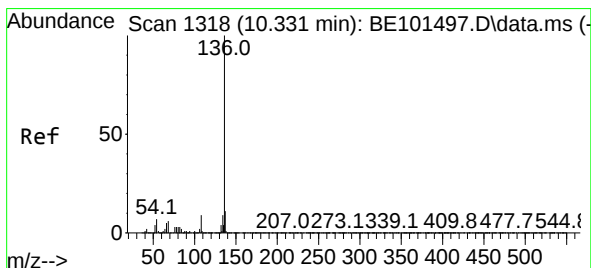
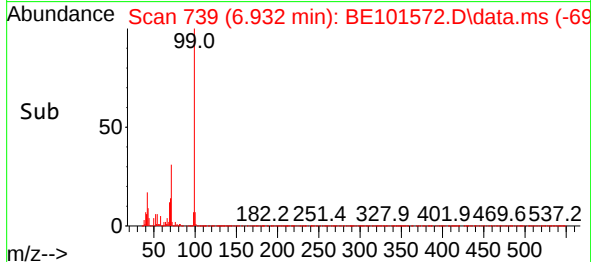
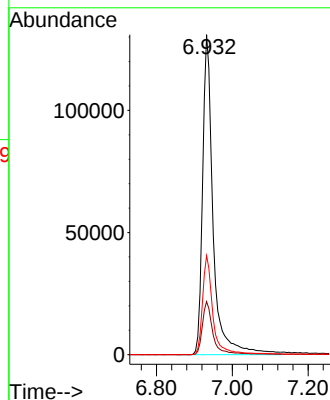
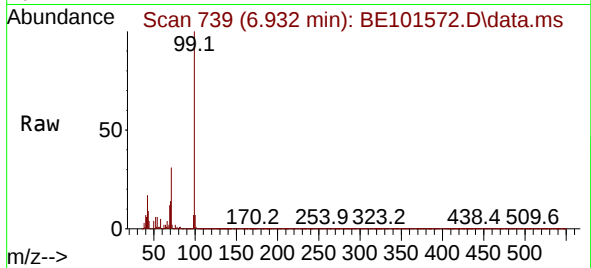
Tgt Ion: 99 Resp: 253847

Ion Ratio Lower Upper

99 100

42 16.6 12.5 18.7

71 30.9 24.2 36.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.322 min Scan# 1316

Delta R.T. -0.008 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Tgt Ion:136 Resp: 147918

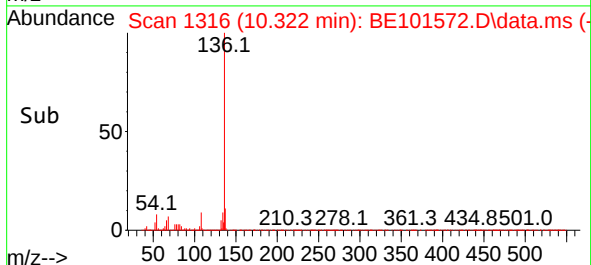
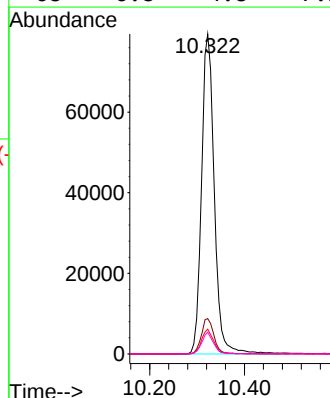
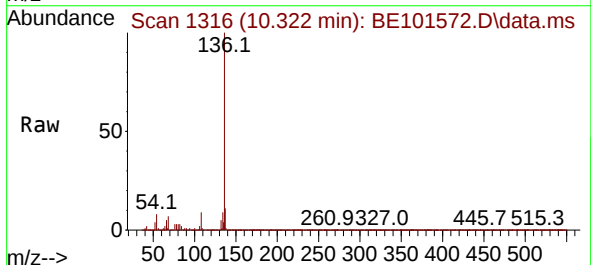
Ion Ratio Lower Upper

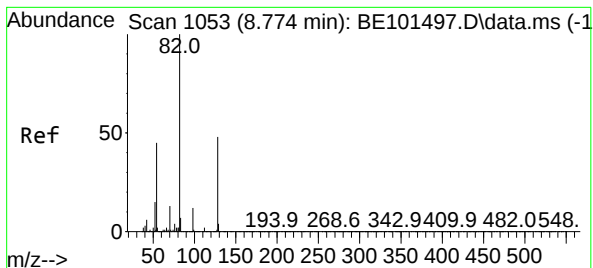
136 100

137 11.1 8.6 13.0

54 7.8 5.6 8.4

68 6.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.454 ng

RT: 8.765 min Scan# 1

Delta R.T. -0.008 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

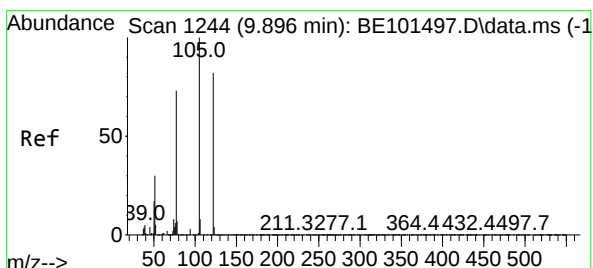
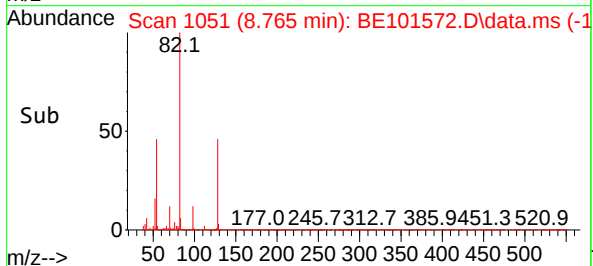
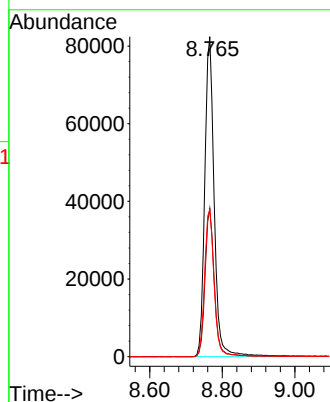
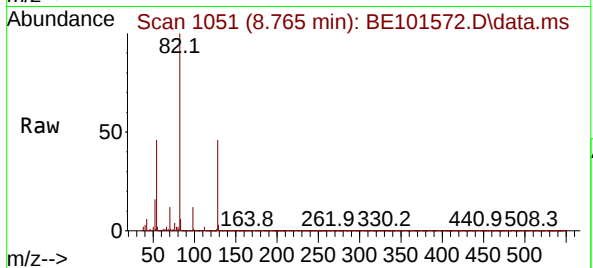
Tgt Ion: 82 Resp: 148596

Ion Ratio Lower Upper

82 100

128 46.4 38.6 58.0

54 46.0 36.3 54.5



#32

Benzoic acid

Concen: 6.842 ng

RT: 9.870 min Scan# 1239

Delta R.T. -0.026 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

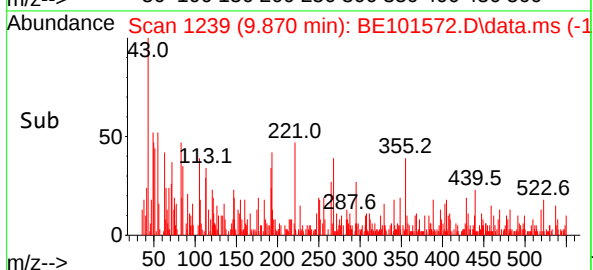
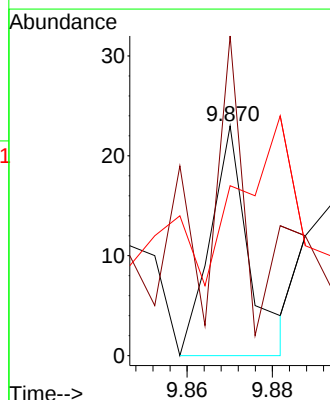
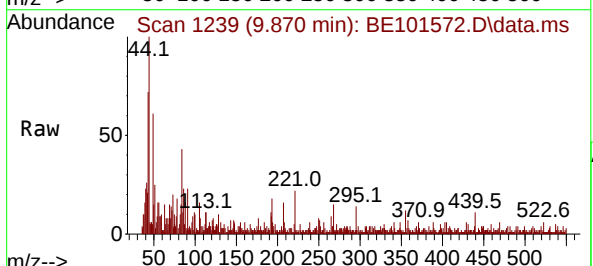
Tgt Ion: 122 Resp: 14

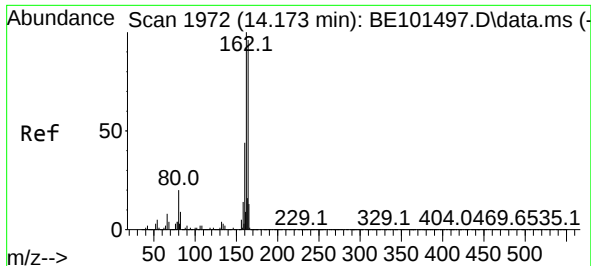
Ion Ratio Lower Upper

122 100

105 139.1 100.6 140.6

77 73.9 68.6 108.6

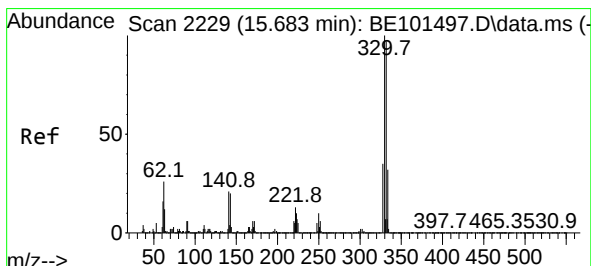
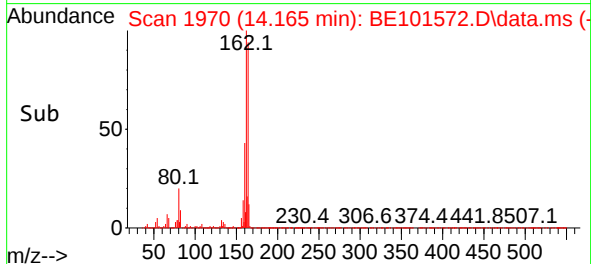
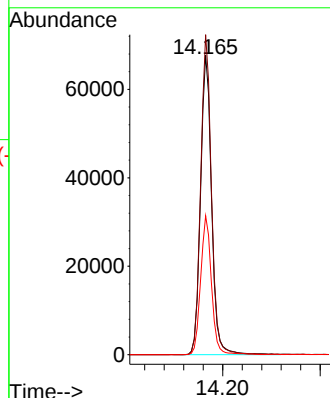
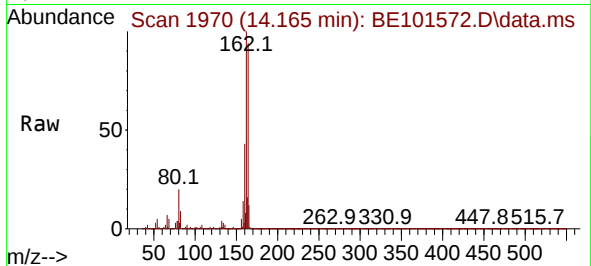




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1972
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

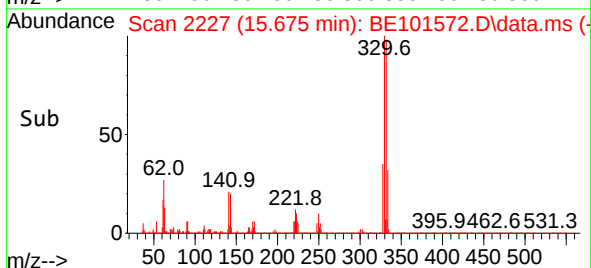
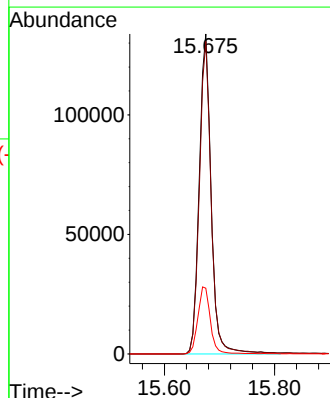
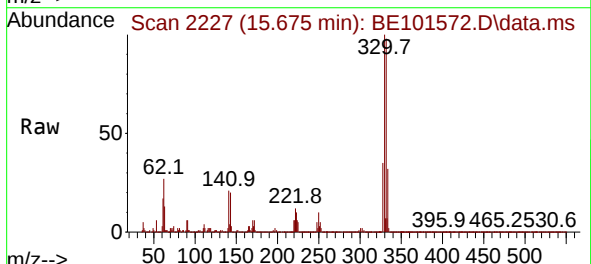
Instrument :
BNA_E
ClientSampleId :
TP-4

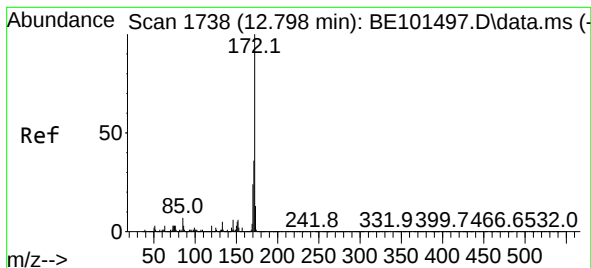
Tgt Ion:164 Resp: 106695
Ion Ratio Lower Upper
164 100
162 106.8 83.7 125.5
160 46.4 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 100.379 ng
RT: 15.675 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

Tgt Ion:330 Resp: 201528
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 22.0 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 65.037 ng

RT: 12.784 min Scan# 1

Delta R.T. -0.014 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

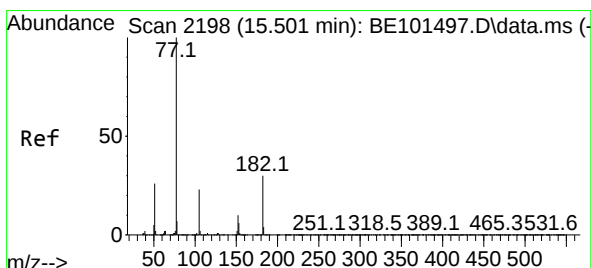
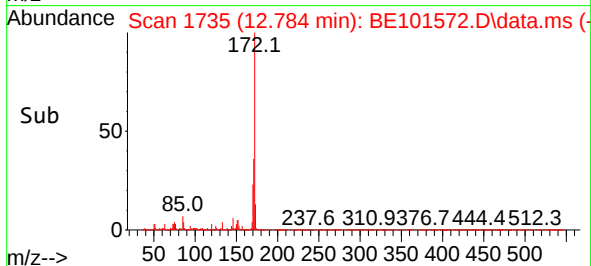
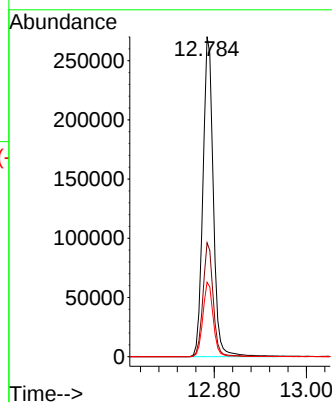
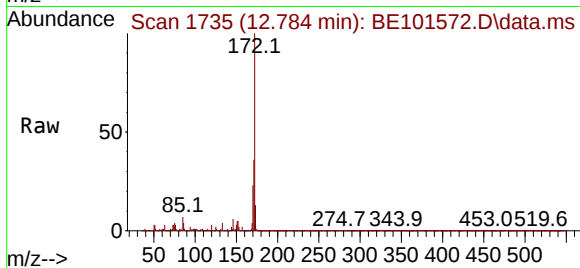
Tgt Ion:172 Resp: 424982

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.3 18.9 28.3



#63

Azobenzene

Concen: 6.691 ng

RT: 15.534 min Scan# 2203

Delta R.T. 0.033 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Tgt Ion: 77 Resp: 43729

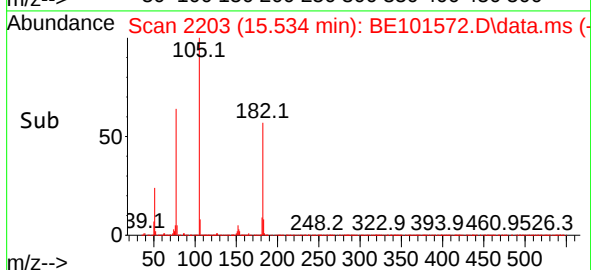
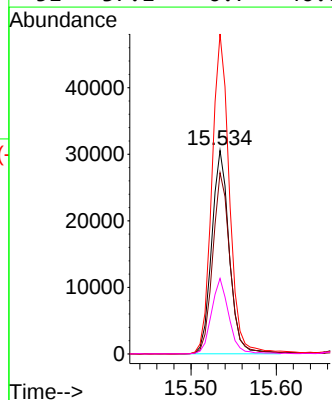
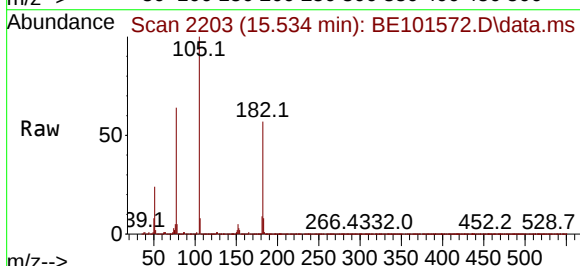
Ion Ratio Lower Upper

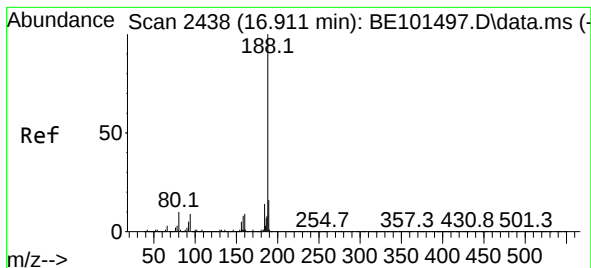
77 100

182 89.0 9.1 49.1#

105 157.2 3.2 43.2#

51 37.1 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.903 min Scan# 2436

Delta R.T. -0.008 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

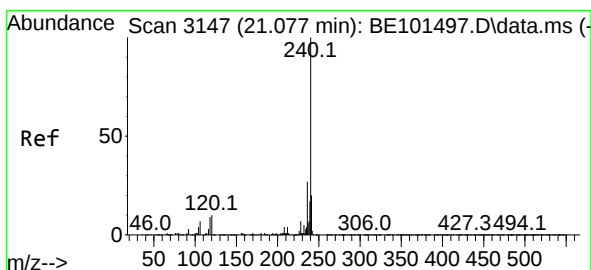
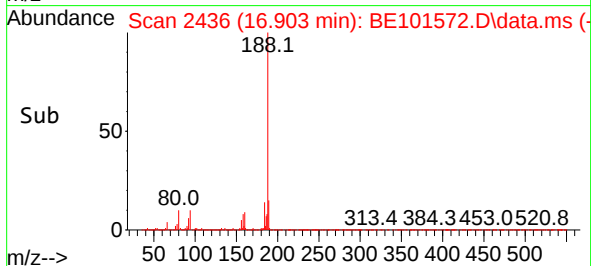
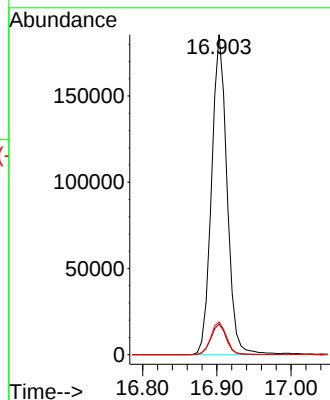
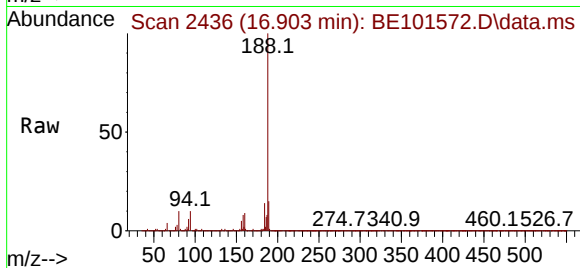
Tgt Ion:188 Resp: 267919

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.063 min Scan# 3144

Delta R.T. -0.014 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

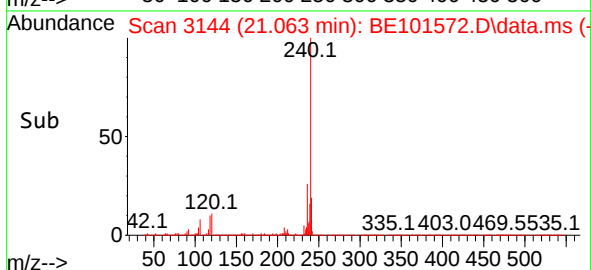
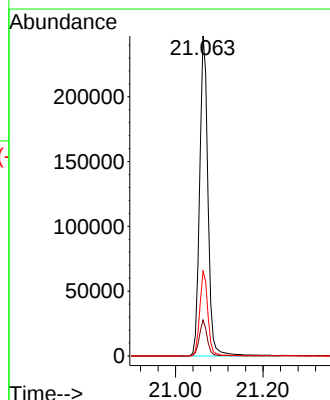
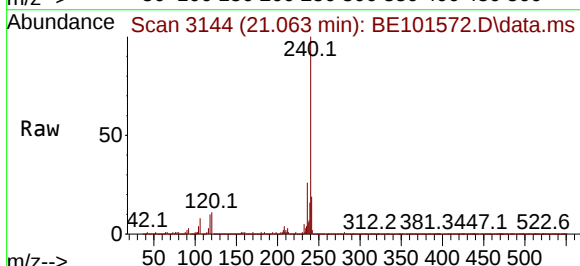
Tgt Ion:240 Resp: 326223

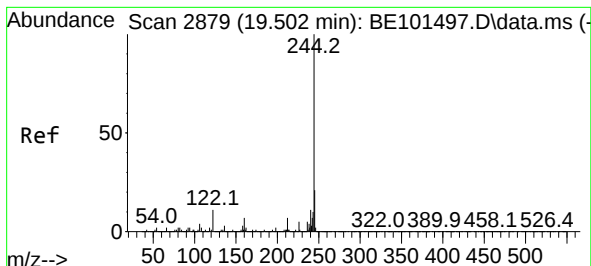
Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.4

236 26.5 21.4 32.2





#79

Terphenyl-d14

Concen: 77.746 ng

RT: 19.494 min Scan# 21

Delta R.T. -0.008 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

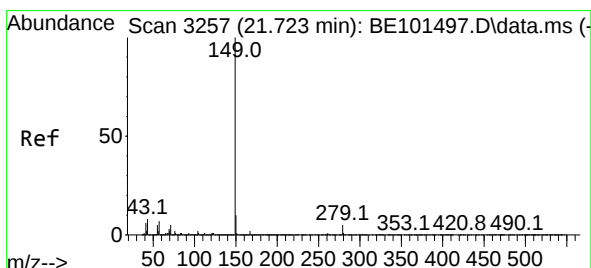
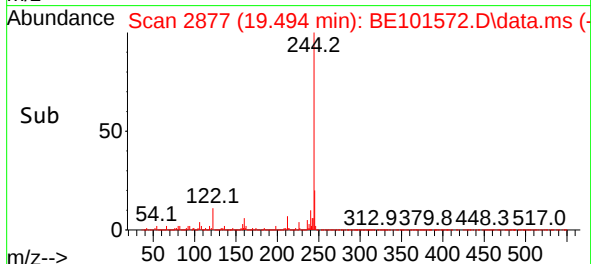
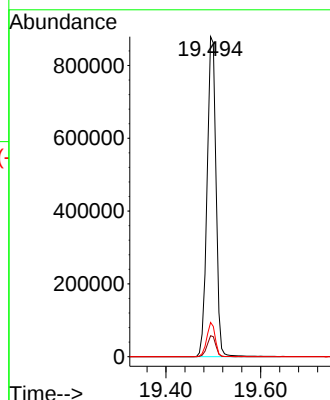
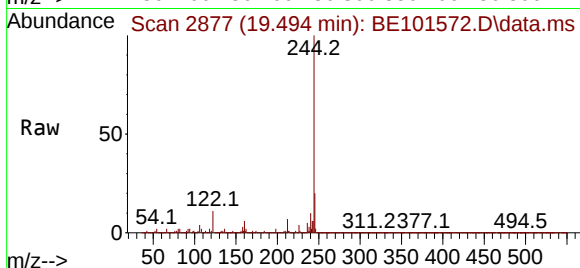
Tgt Ion:244 Resp: 1145780

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 10.7 8.4 12.6



#85

Di-n-octyl phthalate

Concen: 7.840 ng

RT: 21.744 min Scan# 3260

Delta R.T. 0.021 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

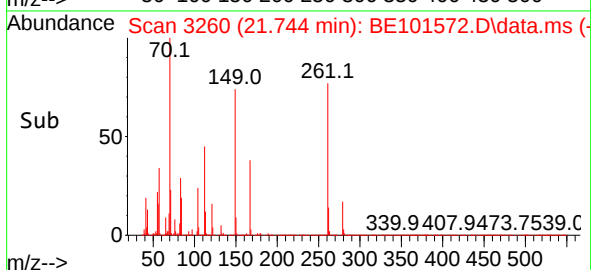
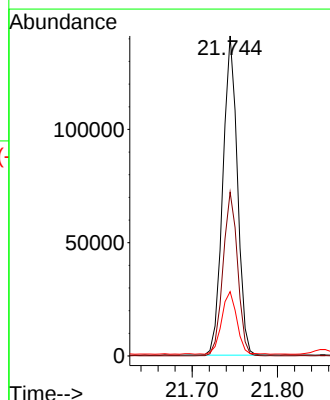
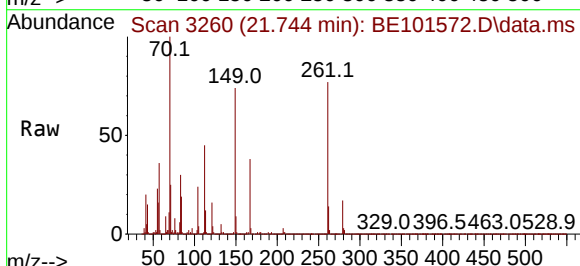
Tgt Ion:149 Resp: 167274

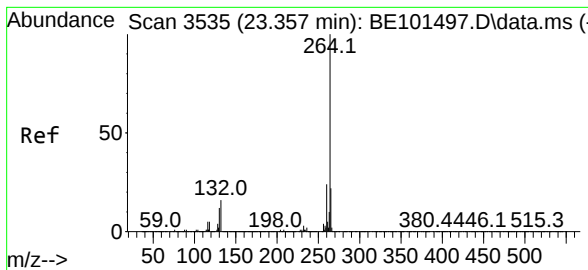
Ion Ratio Lower Upper

149 100

167 51.3 1.3 1.9#

43 20.3 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.348 min Scan# 3

Delta R.T. -0.008 min

Lab File: BE101572.D

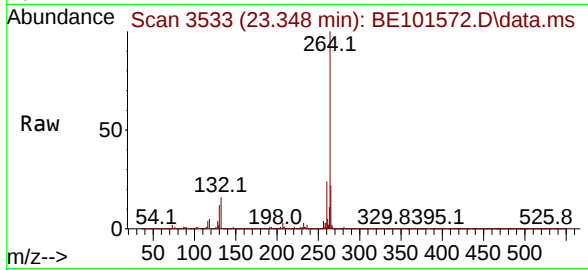
Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4



Tgt Ion:264 Resp: 413661

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.0 17.4 26.2

