

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101583.D
 Acq On : 12 Nov 2024 15:25
 Operator : RC/JU
 Sample : P4796-07RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-4RE

Quant Time: Nov 12 16:12:37 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)

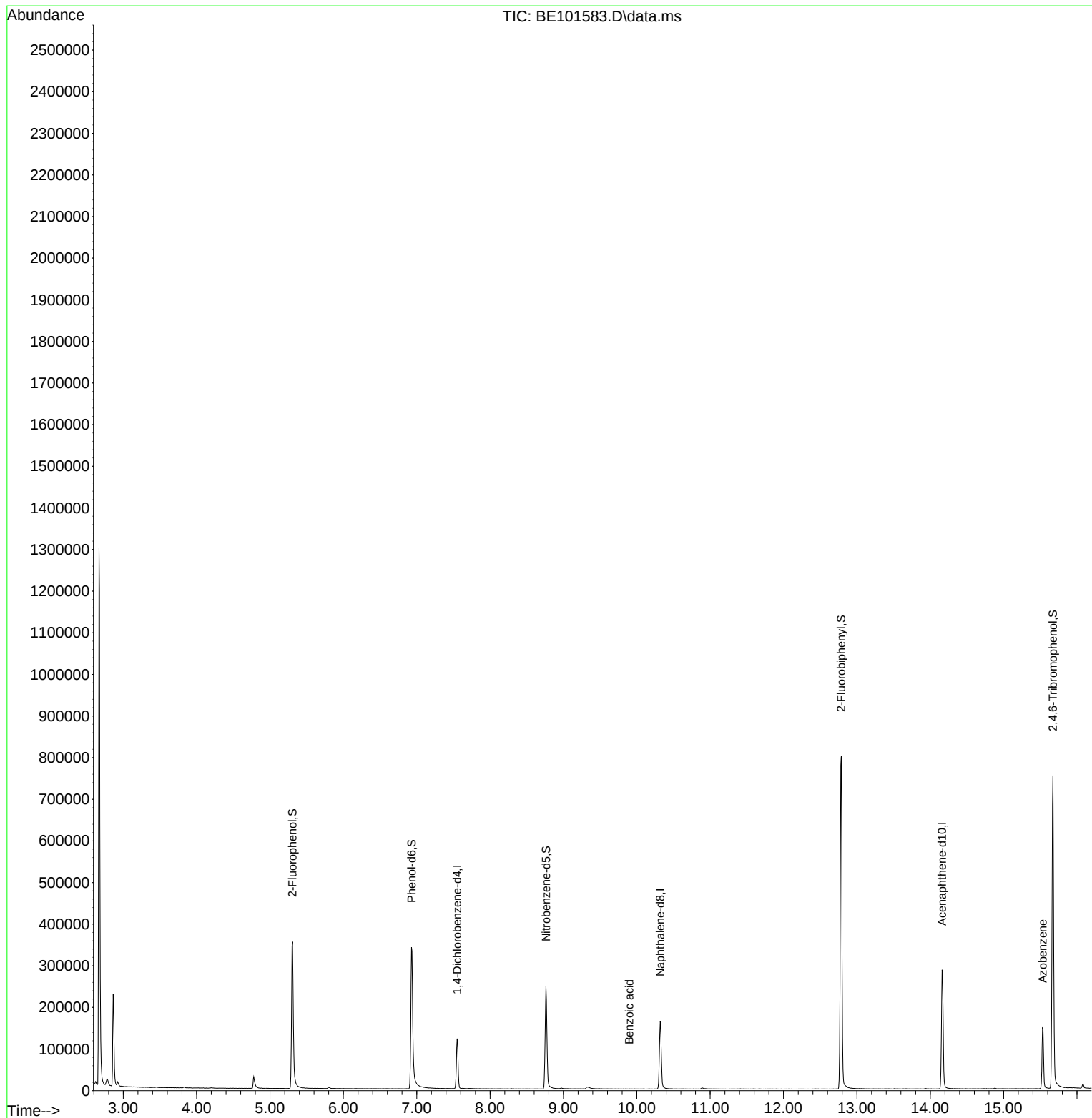
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	34016	20.000	ng	-0.01
21) Naphthalene-d8	10.319	136	153888	20.000	ng	-0.01
39) Acenaphthene-d10	14.162	164	111822	20.000	ng	-0.01
64) Phenanthrene-d10	16.900	188	272017	20.000	ng	-0.01
76) Chrysene-d12	21.060	240	310736	20.000	ng	-0.02
86) Perylene-d12	23.345	264	399775	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.307	112	189284	98.391	ng	0.00
7) Phenol-d6	6.929	99	251991	95.536	ng	-0.02
23) Nitrobenzene-d5	8.762	82	153409	62.968	ng	-0.01
42) 2,4,6-Tribromophenol	15.672	330	195223	92.780	ng	-0.01
45) 2-Fluorobiphenyl	12.787	172	454889	66.422	ng	-0.01
79) Terphenyl-d14	19.497	244	1076097	76.657	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.896	122	10	6.840	ng	# 66
63) Azobenzene	15.531	77	43499	6.351	ng	# 1
85) Di-n-octyl phthalate	21.741	149	164648	8.102	ng	# 47

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

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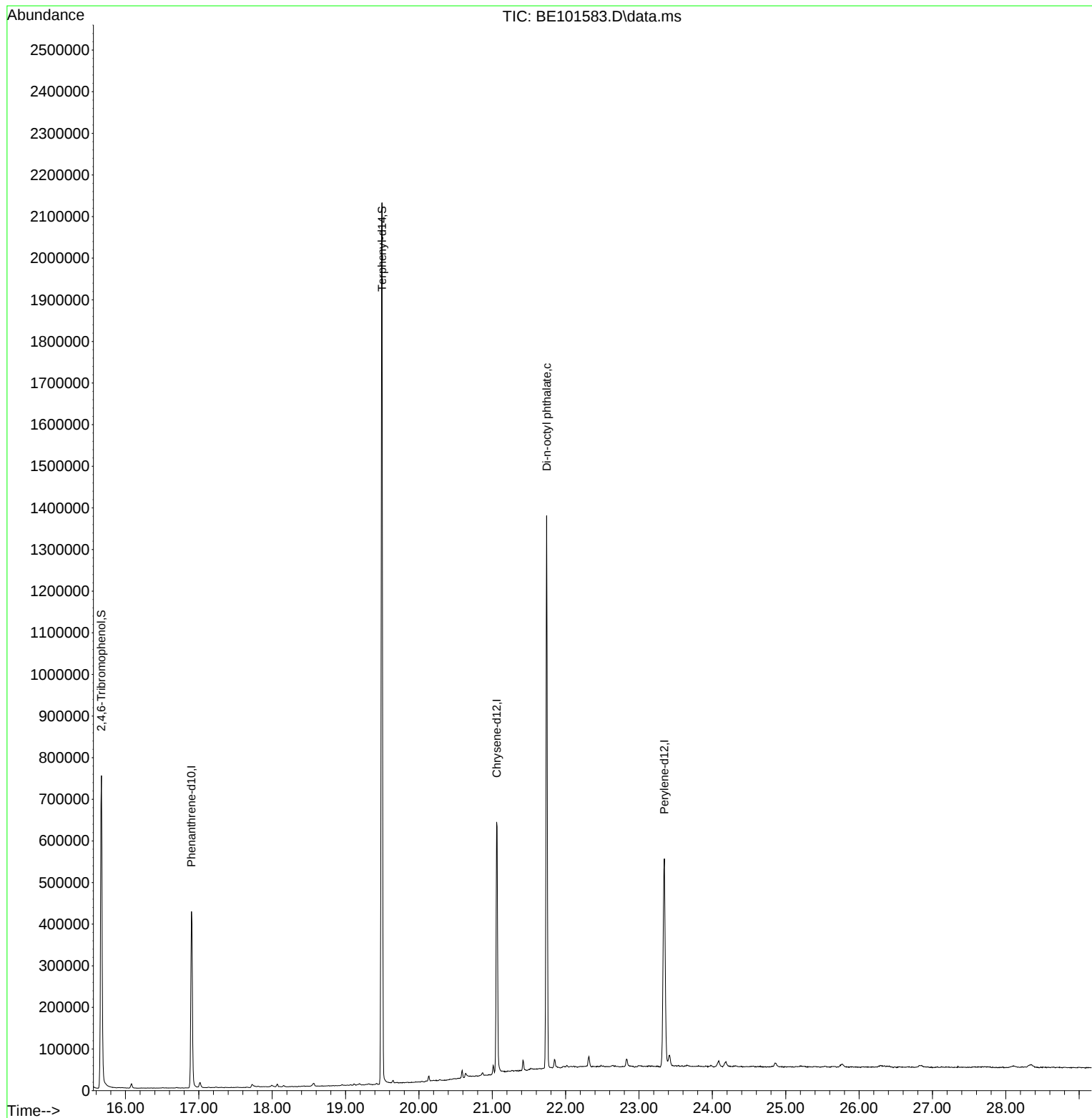
Quant Time: Nov 12 16:12:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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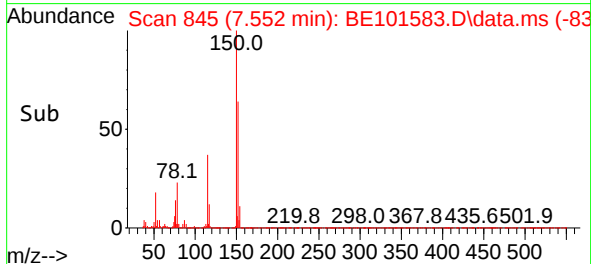
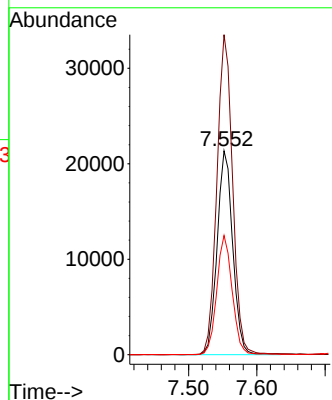
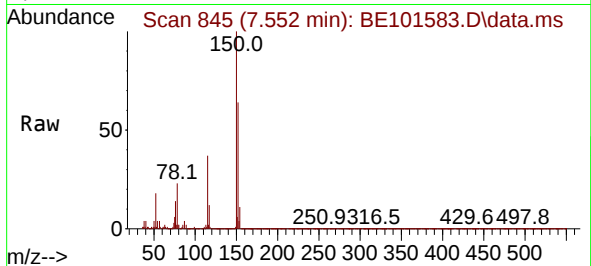




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.552 min Scan# 84
Delta R.T. -0.011 min
Lab File: BE101583.D
Acq: 12 Nov 2024 15:25

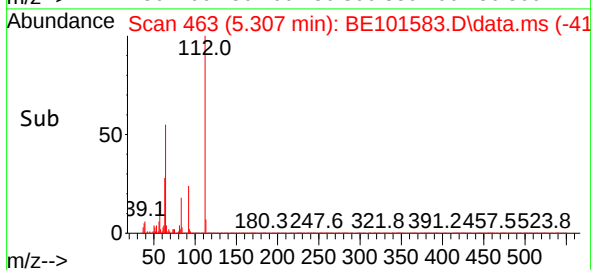
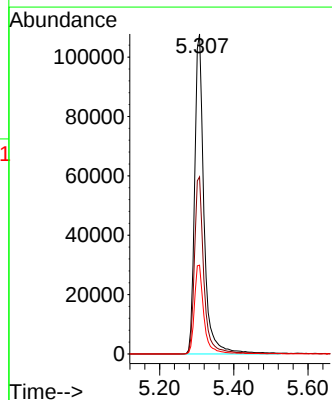
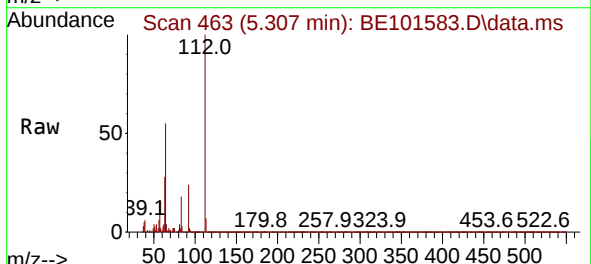
Instrument :
BNA_E
ClientSampleId :
TP-4RE

Tgt Ion:152 Resp: 34016
Ion Ratio Lower Upper
152 100
150 157.0 126.3 189.5
115 58.5 45.0 67.4



#5
2-Fluorophenol
Concen: 98.391 ng
RT: 5.307 min Scan# 463
Delta R.T. -0.006 min
Lab File: BE101583.D
Acq: 12 Nov 2024 15:25

Tgt Ion:112 Resp: 189284
Ion Ratio Lower Upper
112 100
64 55.3 43.2 64.8
63 27.8 21.8 32.6

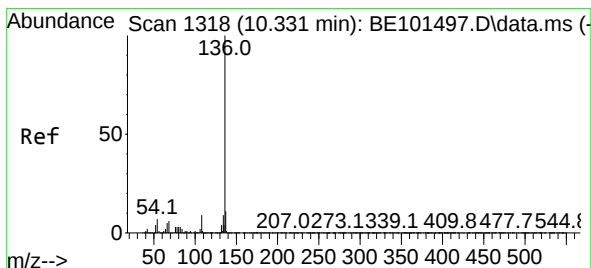
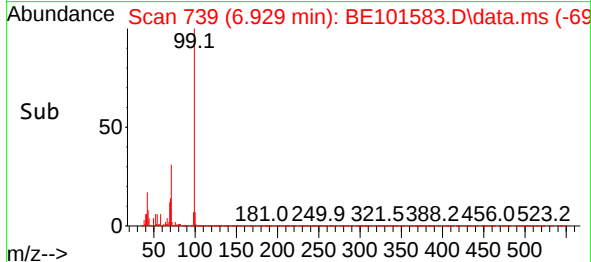
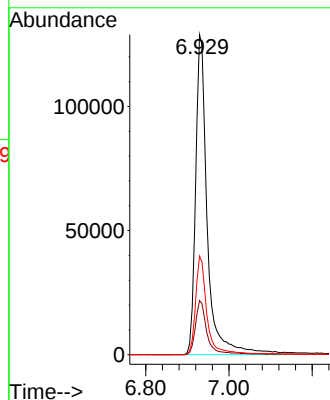
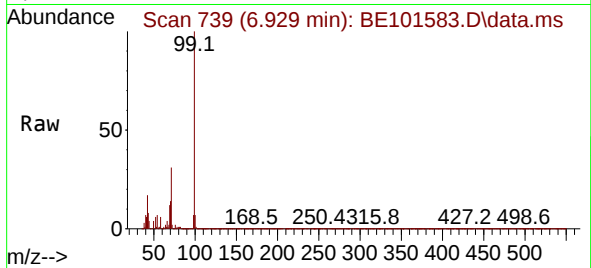




#7
Phenol-d6
Concen: 95.536 ng
RT: 6.929 min Scan# 71
Delta R.T. -0.017 min
Lab File: BE101583.D
Acq: 12 Nov 2024 15:25

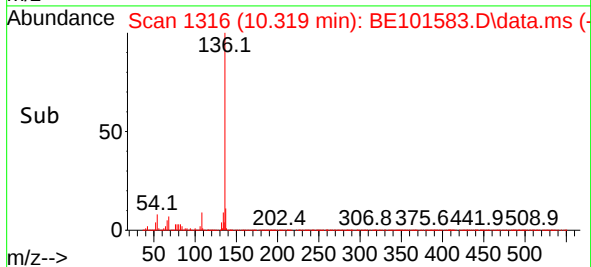
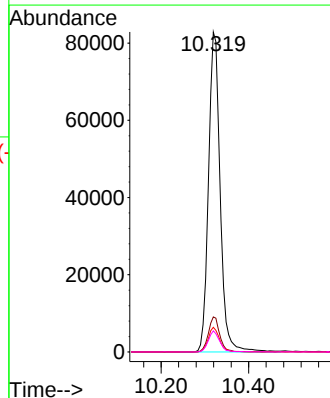
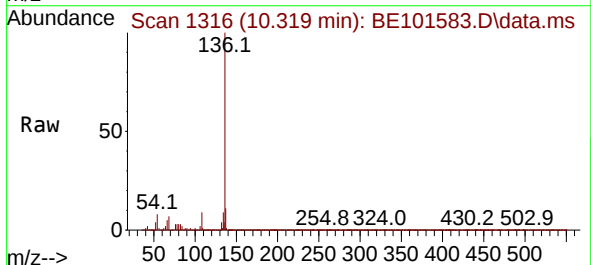
Instrument :
BNA_E
ClientSampleId :
TP-4RE

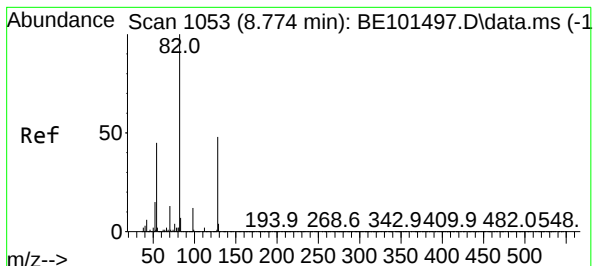
Tgt Ion: 99 Resp: 251991
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 30.8 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.319 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BE101583.D
Acq: 12 Nov 2024 15:25

Tgt Ion: 136 Resp: 153888
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 5.6 8.4
68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.968 ng

RT: 8.762 min Scan# 1051

Delta R.T. -0.011 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

Instrument :

BNA_E

ClientSampleId :

TP-4RE

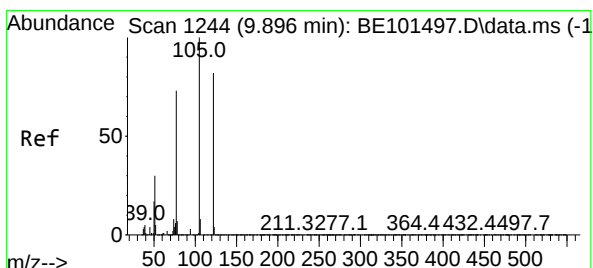
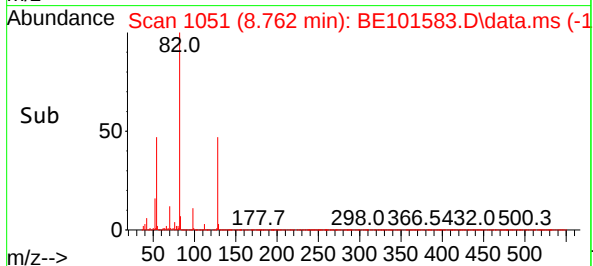
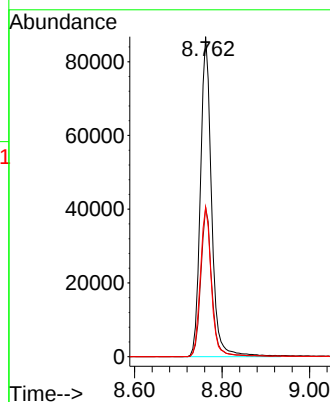
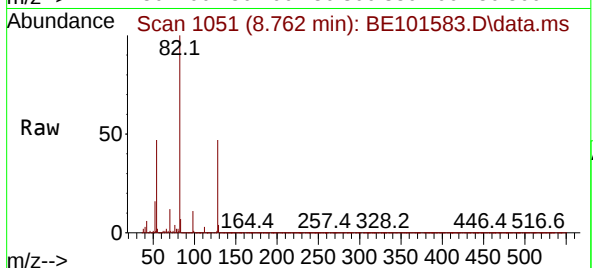
Tgt Ion: 82 Resp: 153409

Ion Ratio Lower Upper

82 100

128 46.5 38.6 58.0

54 46.7 36.3 54.5



#32

Benzoic acid

Concen: 6.840 ng

RT: 9.896 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

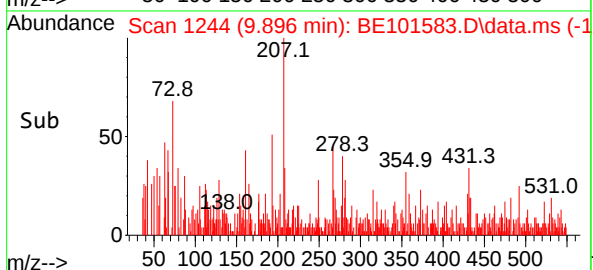
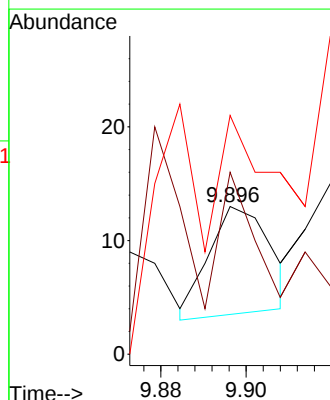
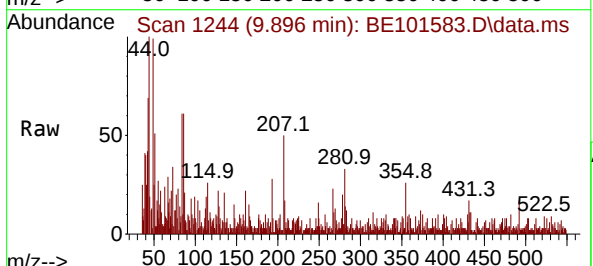
Tgt Ion: 122 Resp: 10

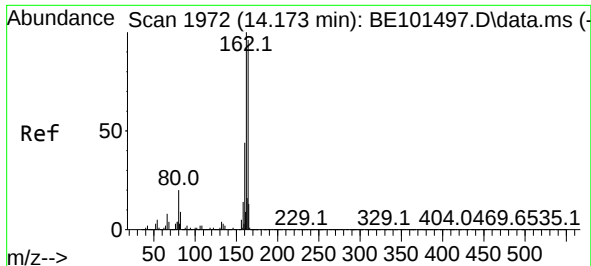
Ion Ratio Lower Upper

122 100

105 123.1 100.6 140.6

77 161.5 68.6 108.6#

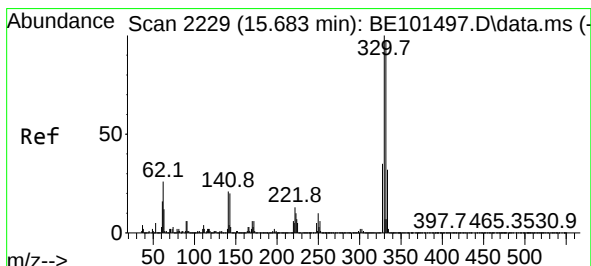
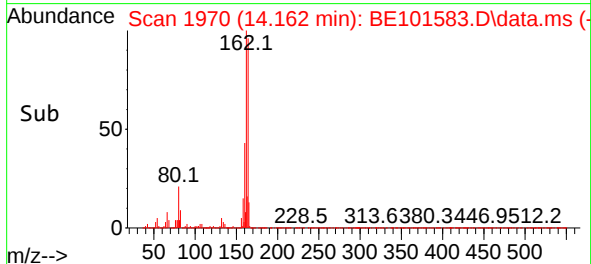
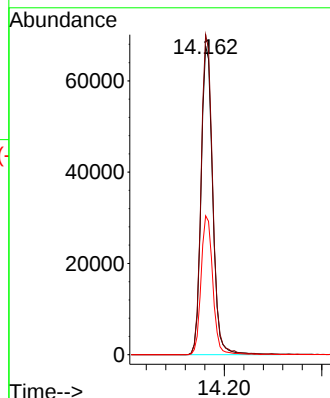
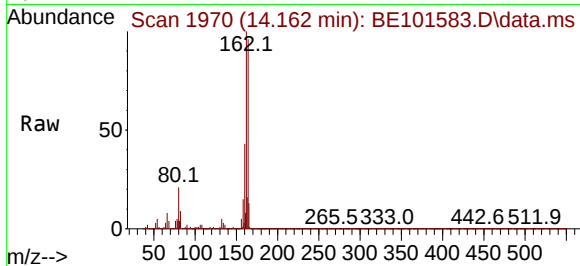




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.162 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BE101583.D
Acq: 12 Nov 2024 15:25

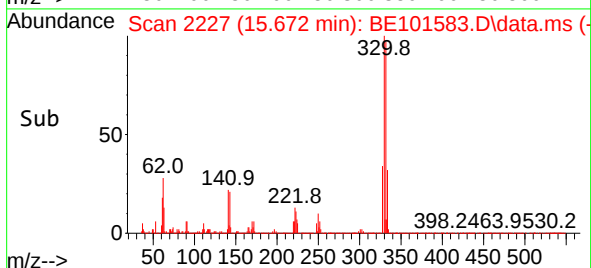
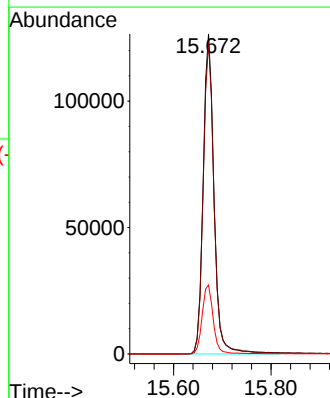
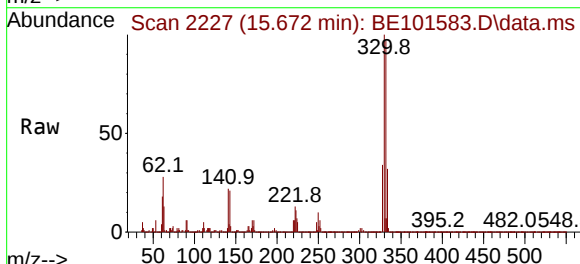
Instrument :
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ClientSampleId :
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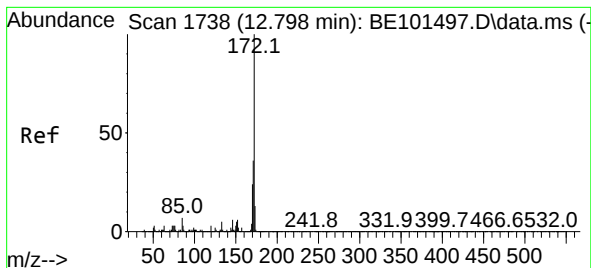
Tgt Ion:164 Resp: 111822
Ion Ratio Lower Upper
164 100
162 103.7 83.7 125.5
160 45.0 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 92.780 ng
RT: 15.672 min Scan# 2227
Delta R.T. -0.011 min
Lab File: BE101583.D
Acq: 12 Nov 2024 15:25

Tgt Ion:330 Resp: 195223
Ion Ratio Lower Upper
330 100
332 97.6 77.7 116.5
141 22.2 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 66.422 ng

RT: 12.787 min Scan# 11

Delta R.T. -0.011 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

Instrument :

BNA_E

ClientSampleId :

TP-4RE

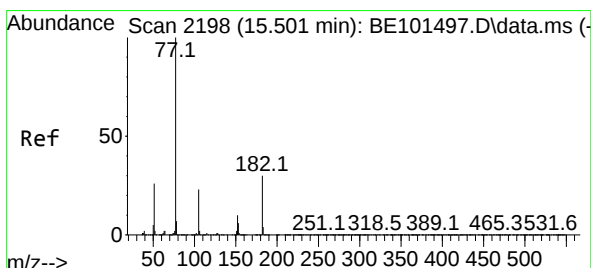
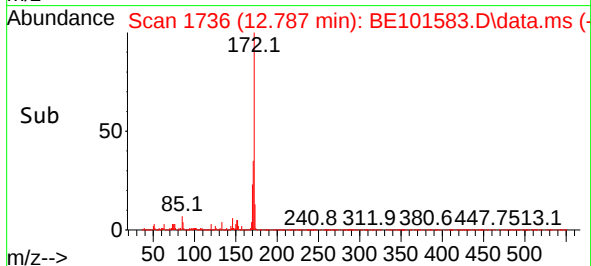
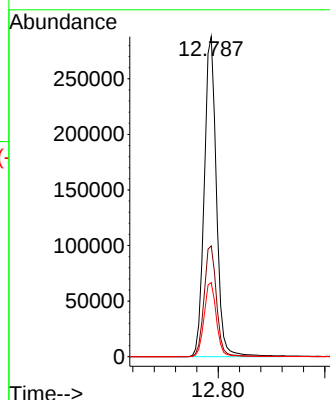
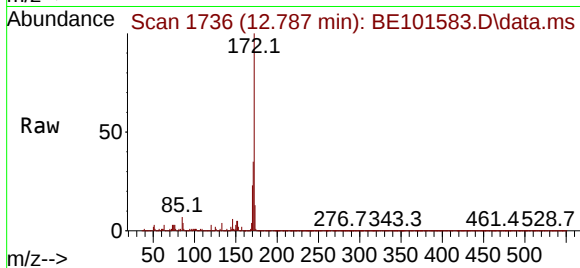
Tgt Ion:172 Resp: 454889

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.1 18.9 28.3



#63

Azobenzene

Concen: 6.351 ng

RT: 15.531 min Scan# 2203

Delta R.T. 0.030 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

Tgt Ion: 77 Resp: 43499

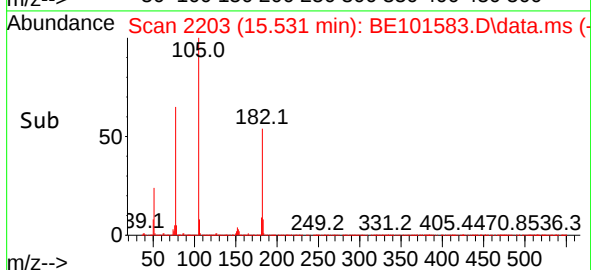
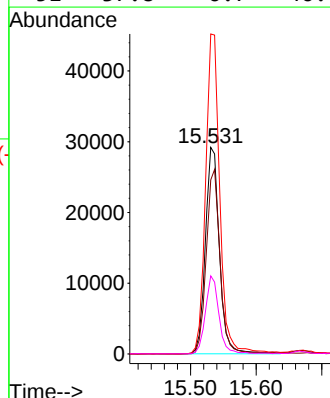
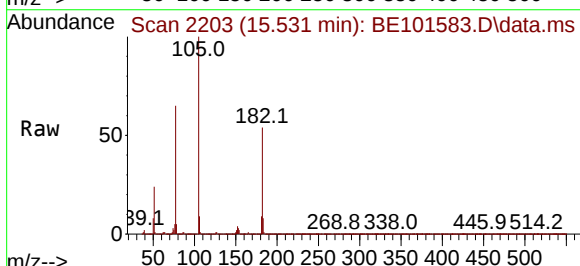
Ion Ratio Lower Upper

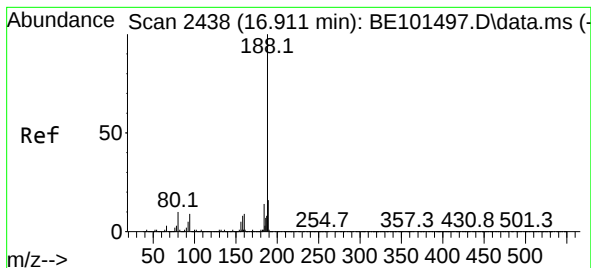
77 100

182 84.3 9.1 49.1#

105 154.9 3.2 43.2#

51 37.8 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.900 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

Instrument :

BNA_E

ClientSampleId :

TP-4RE

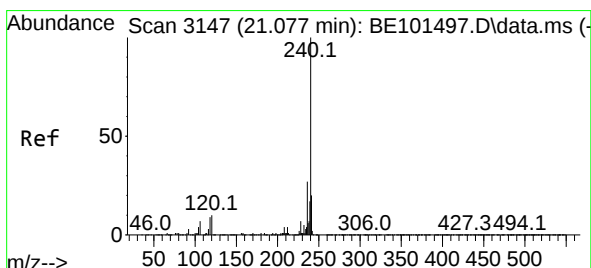
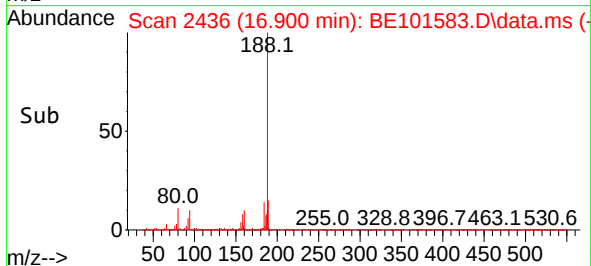
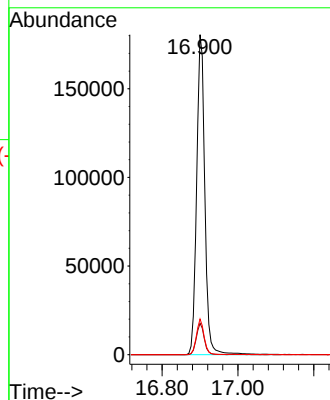
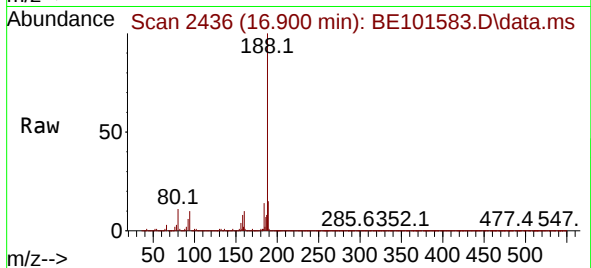
Tgt Ion:188 Resp: 272017

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 11.1 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.060 min Scan# 3144

Delta R.T. -0.017 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

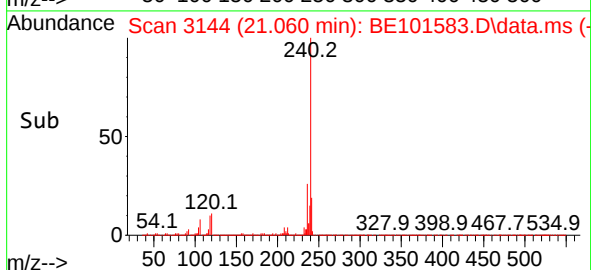
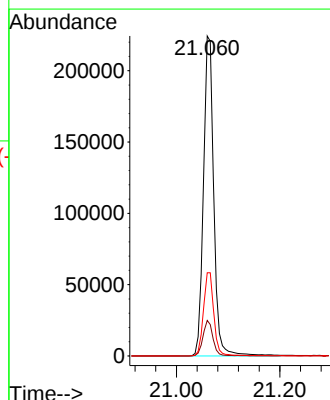
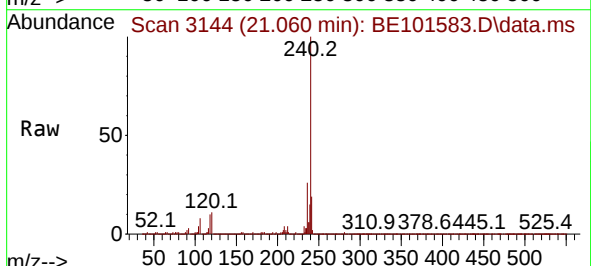
Tgt Ion:240 Resp: 310736

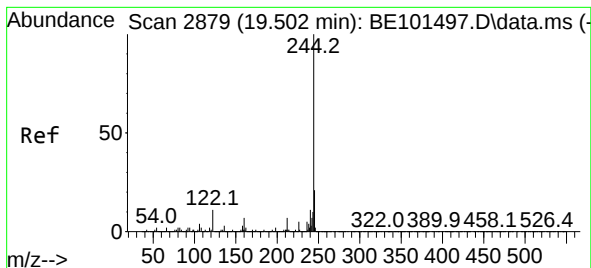
Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.4

236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 76.657 ng

RT: 19.497 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

Instrument :

BNA_E

ClientSampleId :

TP-4RE

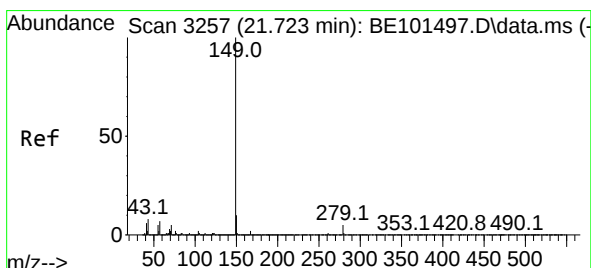
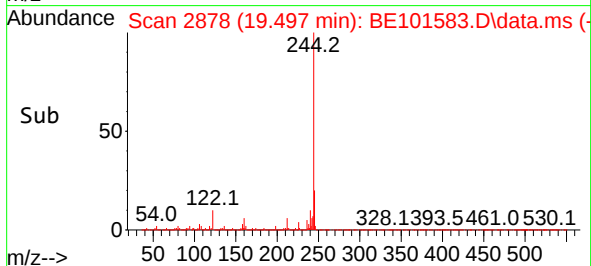
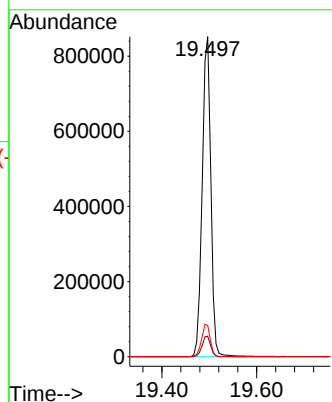
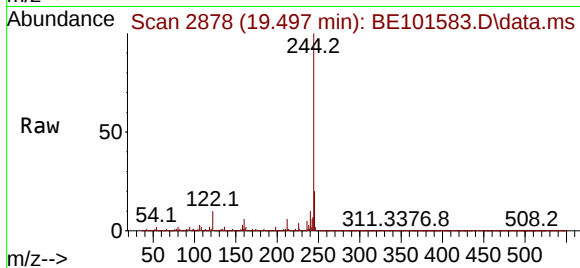
Tgt Ion:244 Resp: 1076097

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

122 9.8 8.4 12.6



#85

Di-n-octyl phthalate

Concen: 8.102 ng

RT: 21.741 min Scan# 3260

Delta R.T. 0.018 min

Lab File: BE101583.D

Acq: 12 Nov 2024 15:25

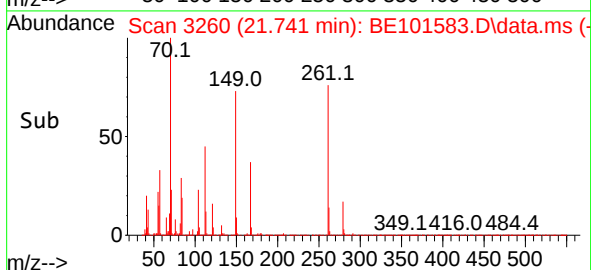
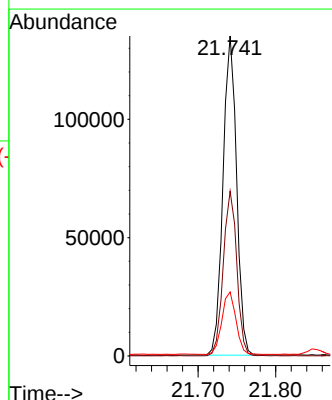
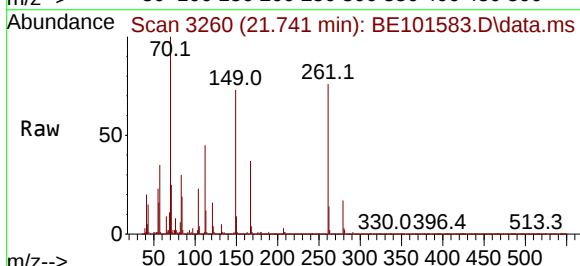
Tgt Ion:149 Resp: 164648

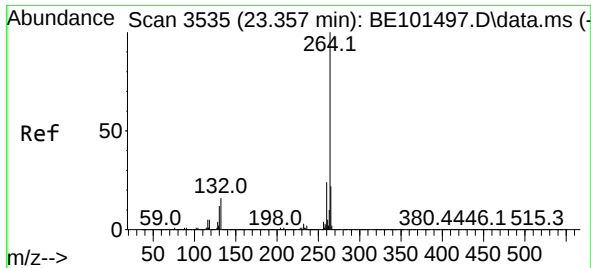
Ion Ratio Lower Upper

149 100

167 51.4 1.3 1.9#

43 20.3 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.345 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BE101583.D
 Acq: 12 Nov 2024 15:25

Instrument :
 BNA_E
 ClientSampleId :
 TP-4RE

Tgt Ion:264 Resp: 399775
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.6 17.4 26.2

