

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101591.D
 Acq On : 13 Nov 2024 00:34
 Operator : RC/JU
 Sample : P4793-01 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M00-24-00345

Quant Time: Nov 13 01:15:20 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)

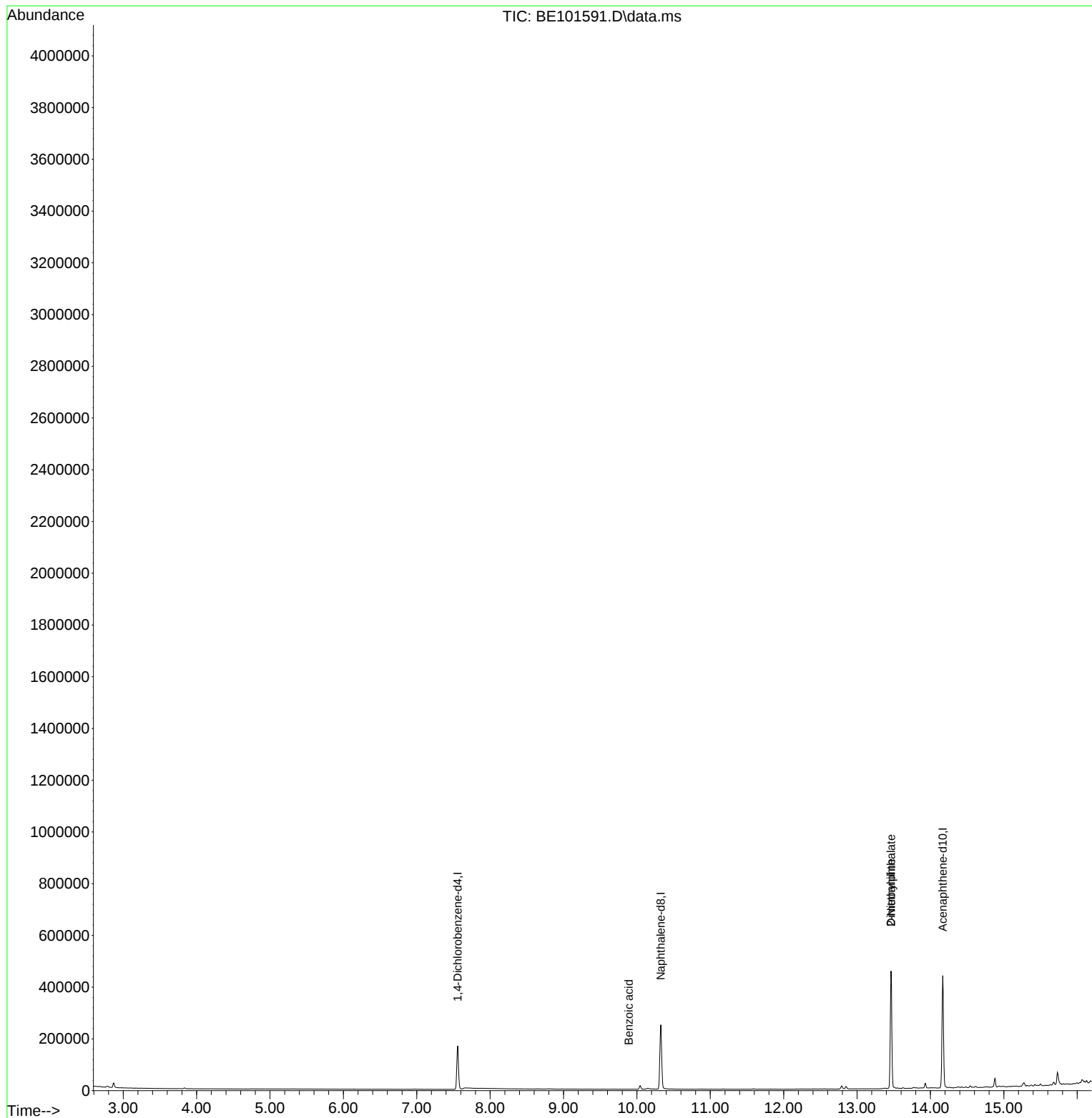
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	49820	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	226710	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	149382	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	308201	20.000	ng	0.00
76) Chrysene-d12	21.078	240	299735	20.000	ng	0.00
86) Perylene-d12	23.375	264	415915	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	415	0.147	ng	0.01
7) Phenol-d6	6.971	99	898	0.232	ng	0.02
23) Nitrobenzene-d5	8.780	82	1117	0.311	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	2548	0.906	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	7136	0.780	ng	0.00
79) Terphenyl-d14	19.503	244	14329	1.058	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.891	122	16	6.840	ng	# 51
48) 2-Nitroaniline	13.463	65	4912	2.283	ng	# 14
50) Dimethylphthalate	13.463	163	29462	2.770	ng	# 95

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

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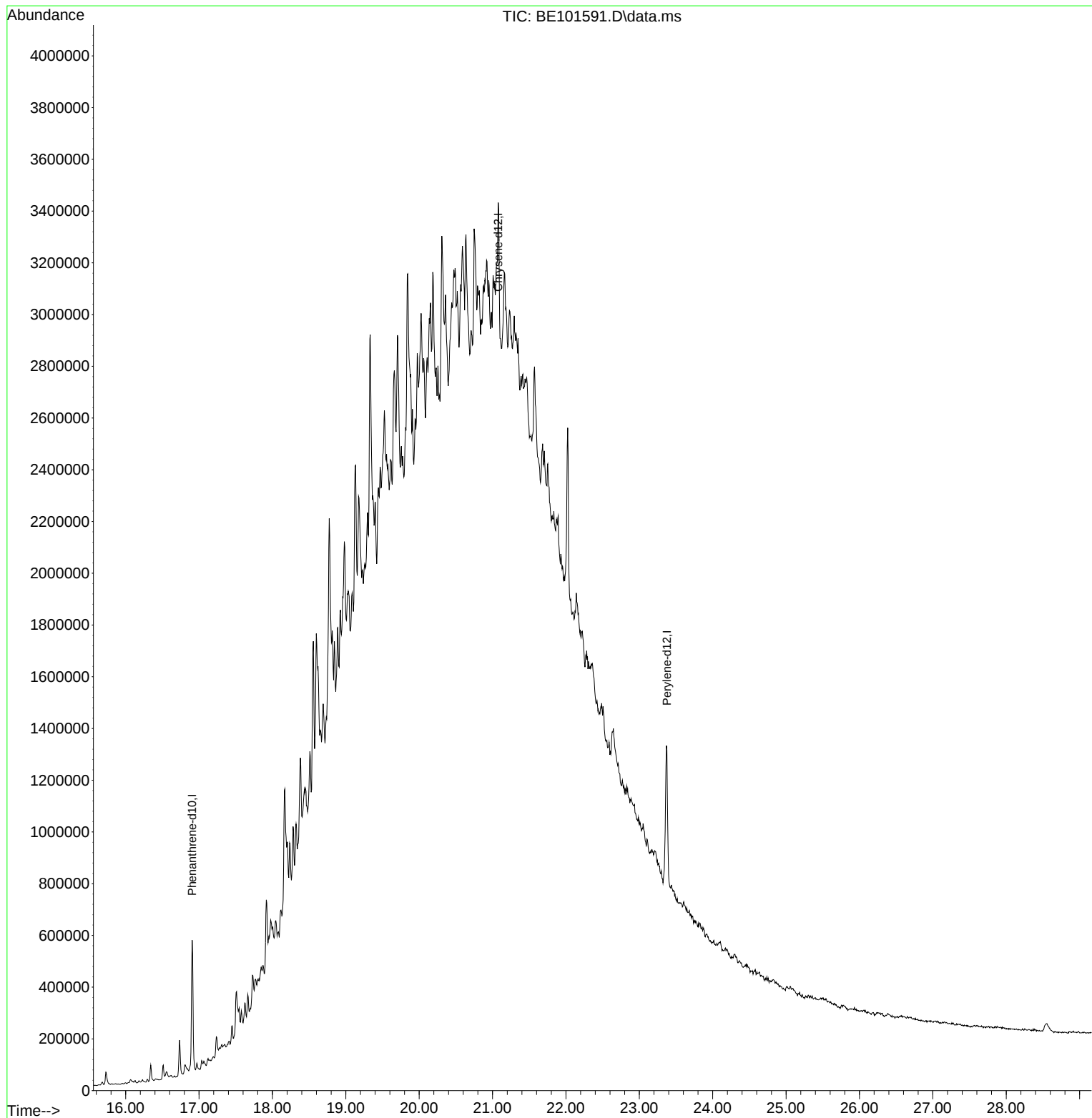
Quant Time: Nov 13 01:15:20 2024
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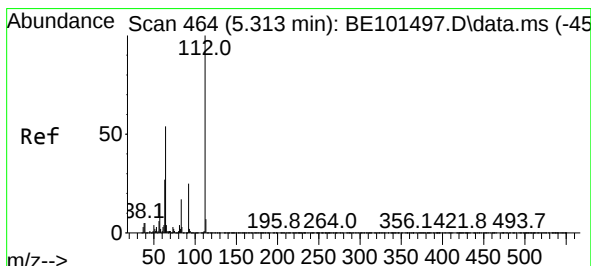
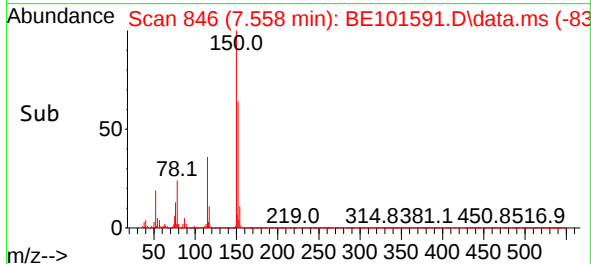
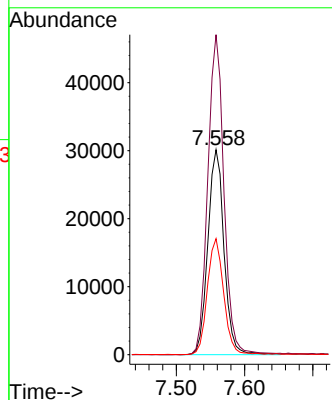
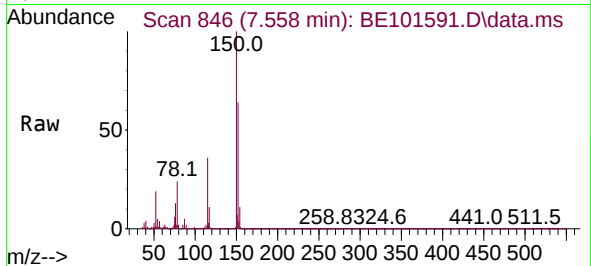




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 847
Delta R.T. -0.005 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

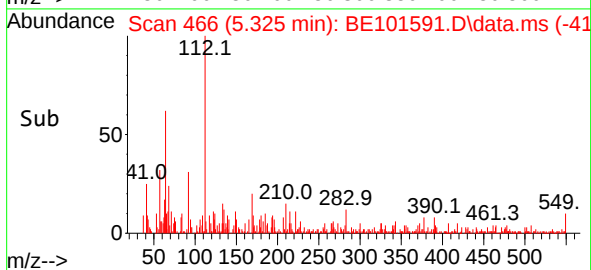
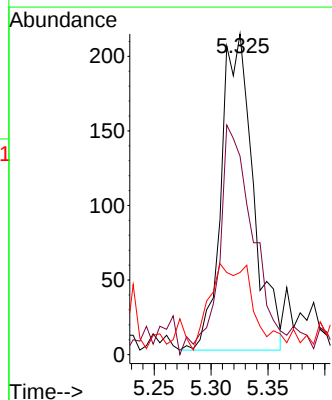
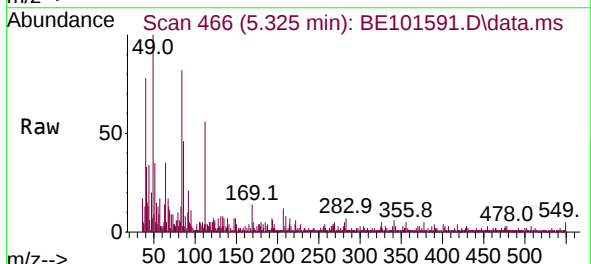
Instrument :
BNA_E
ClientSampleId :
M00-24-00345

Tgt Ion:152 Resp: 49820
Ion Ratio Lower Upper
152 100
150 156.1 126.3 189.5
115 56.6 45.0 67.4



#5
2-Fluorophenol
Concen: 0.147 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.012 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

Tgt Ion:112 Resp: 415
Ion Ratio Lower Upper
112 100
64 61.9 43.2 64.8
63 25.6 21.8 32.6

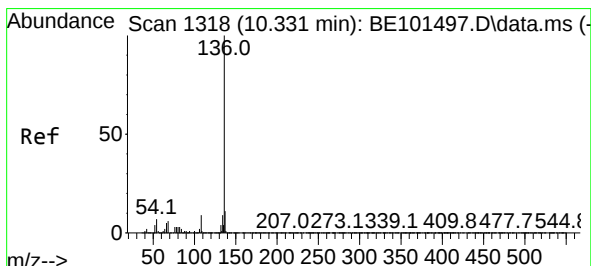
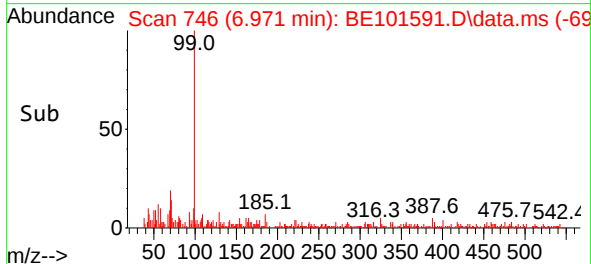
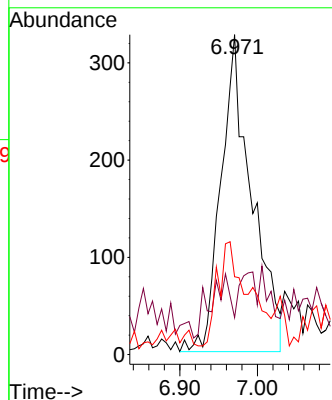
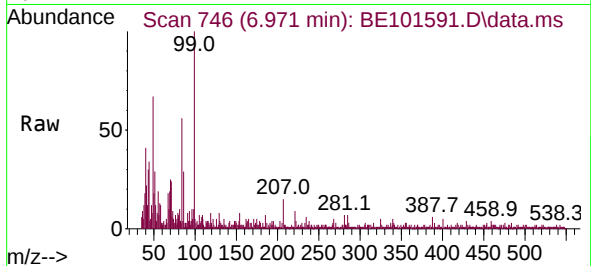




#7
Phenol-d6
Concen: 0.232 ng
RT: 6.971 min Scan# 742
Delta R.T. 0.024 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

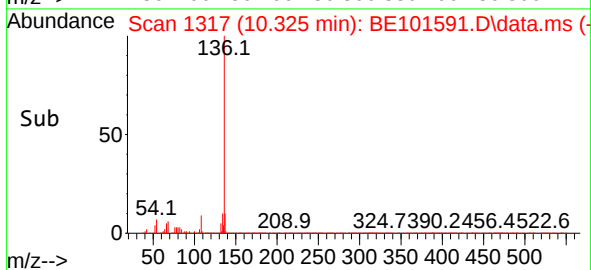
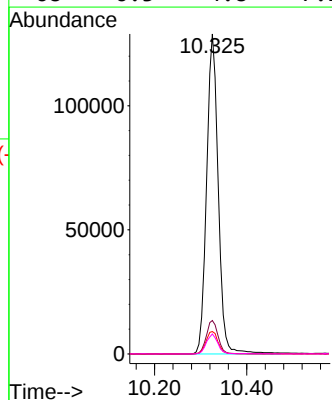
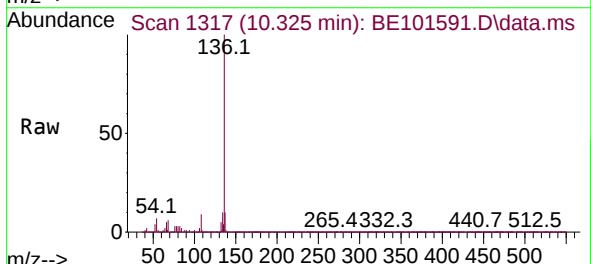
Instrument :
BNA_E
ClientSampleId :
M00-24-00345

Tgt Ion: 99 Resp: 898
Ion Ratio Lower Upper
99 100
42 11.6 12.5 18.7#
71 24.3 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

Tgt Ion: 136 Resp: 226710
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 5.6 8.4
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 0.311 ng

RT: 8.780 min Scan# 1117

Delta R.T. 0.007 min

Lab File: BE101591.D

Acq: 13 Nov 2024 00:34

Instrument :

BNA_E

ClientSampleId :

M00-24-00345

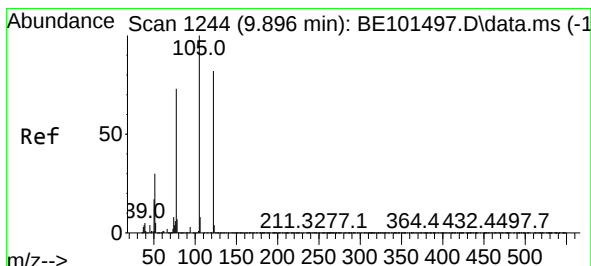
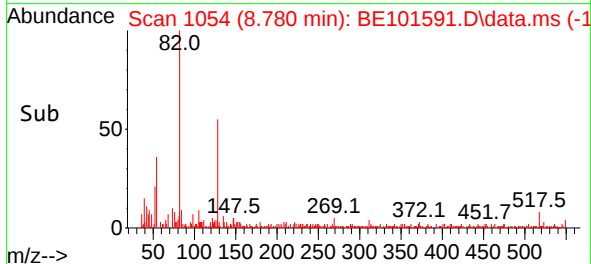
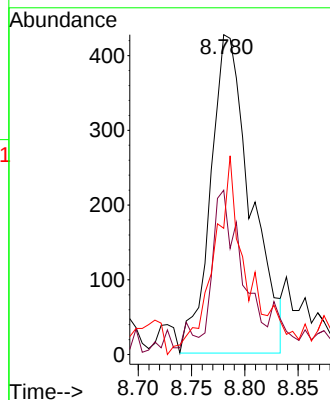
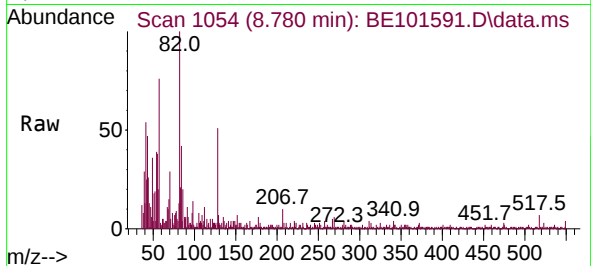
Tgt Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 51.4 38.6 58.0

54 39.5 36.3 54.5



#32

Benzoic acid

Concen: 6.840 ng

RT: 9.891 min Scan# 1243

Delta R.T. -0.005 min

Lab File: BE101591.D

Acq: 13 Nov 2024 00:34

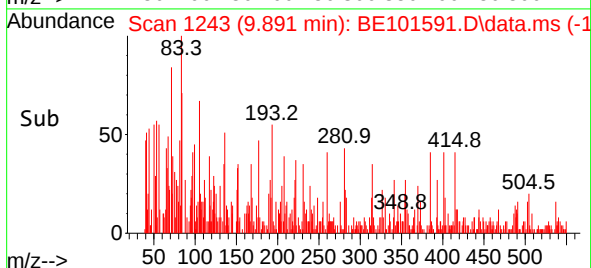
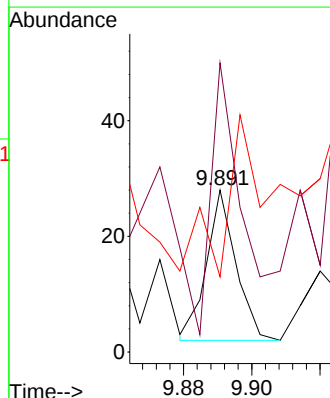
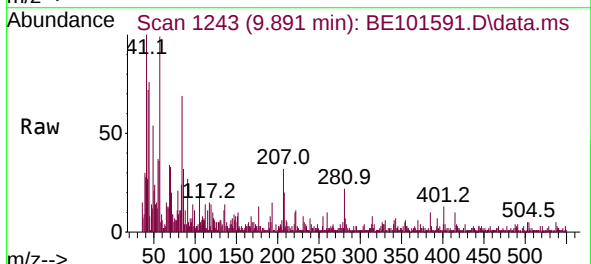
Tgt Ion: 122 Resp: 16

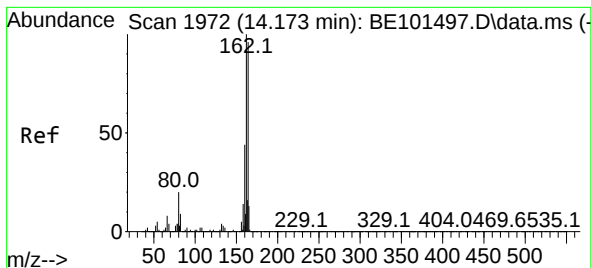
Ion Ratio Lower Upper

122 100

105 178.6 100.6 140.6#

77 46.4 68.6 108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.168 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BE101591.D

Acq: 13 Nov 2024 00:34

Instrument :

BNA_E

ClientSampleId :

M00-24-00345

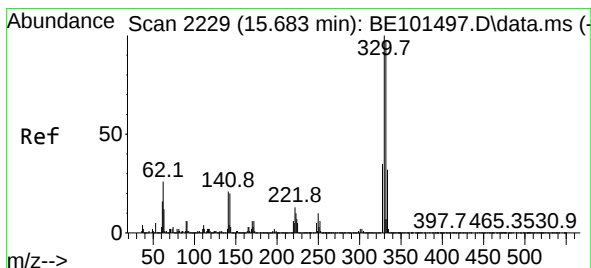
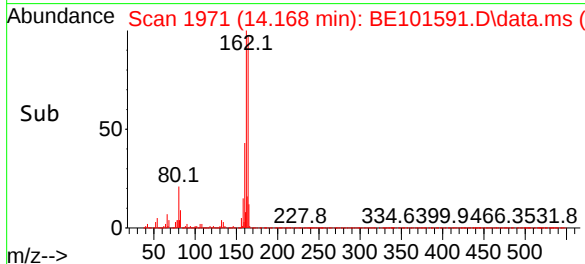
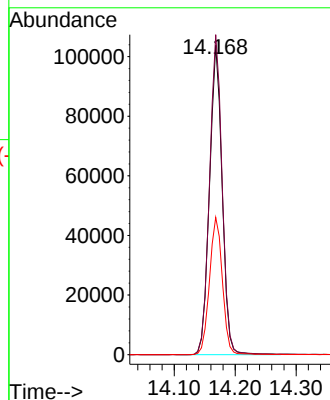
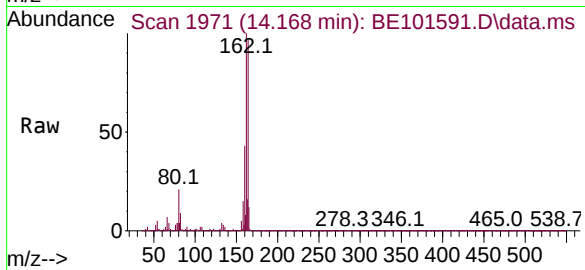
Tgt Ion:164 Resp: 149382

Ion Ratio Lower Upper

164 100

162 103.4 83.7 125.5

160 44.4 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 0.906 ng

RT: 15.678 min Scan# 2228

Delta R.T. -0.005 min

Lab File: BE101591.D

Acq: 13 Nov 2024 00:34

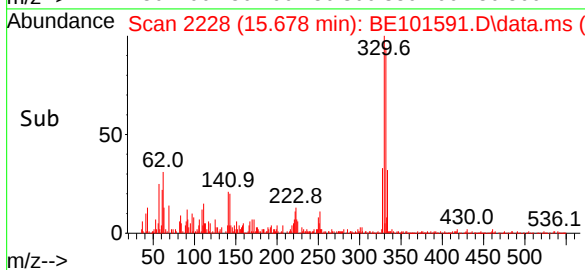
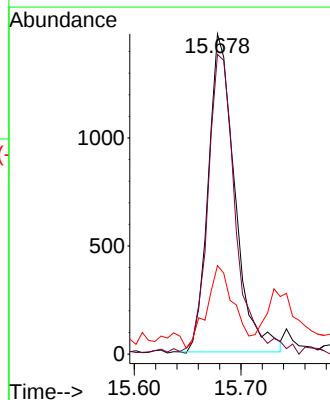
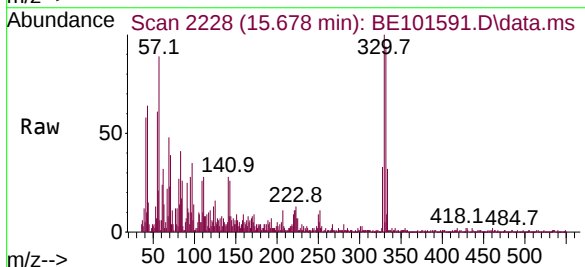
Tgt Ion:330 Resp: 2548

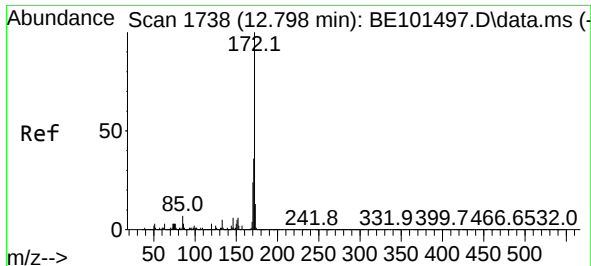
Ion Ratio Lower Upper

330 100

332 98.9 77.7 116.5

141 26.1 17.0 25.4#

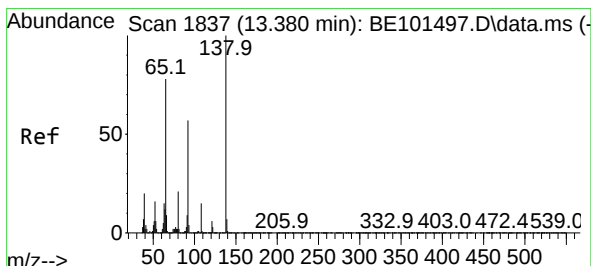
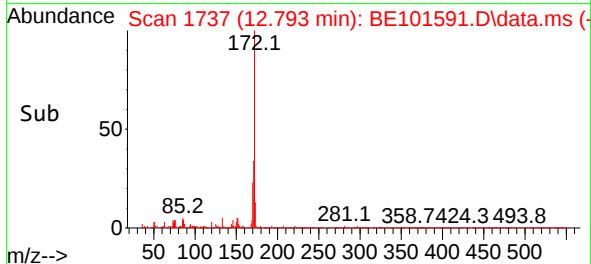
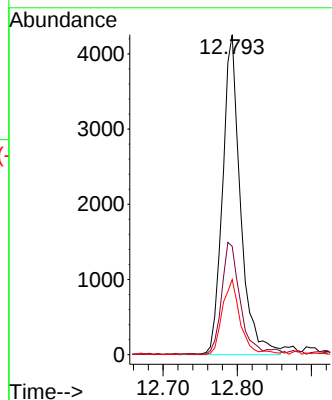
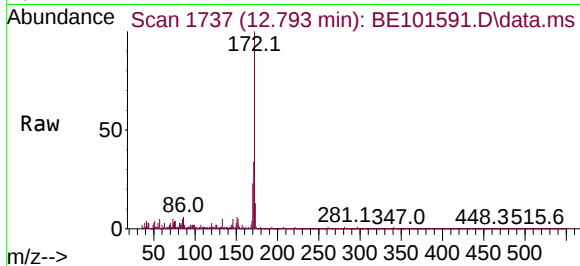




#45
2-Fluorobiphenyl
Concen: 0.780 ng
RT: 12.793 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

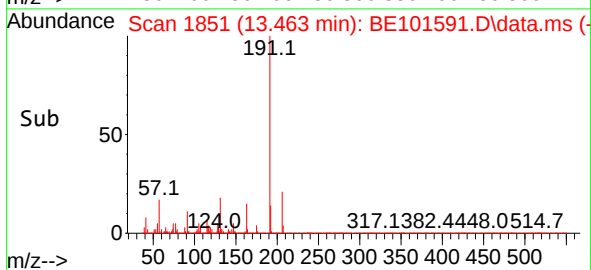
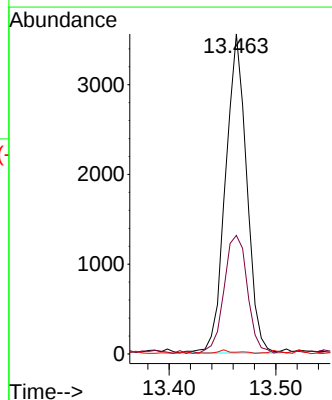
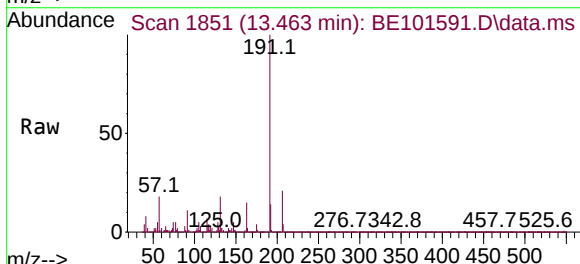
Instrument :
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M00-24-00345

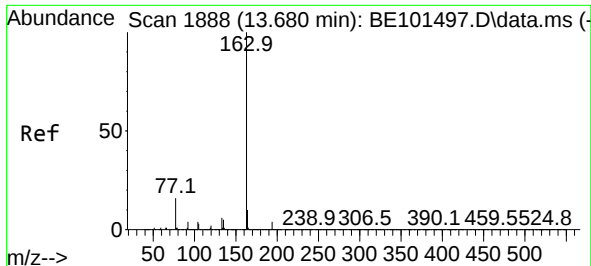
Tgt Ion:	172	Resp:	7136
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	23.4	18.9	28.3



#48
2-Nitroaniline
Concen: 2.283 ng
RT: 13.463 min Scan# 1851
Delta R.T. 0.083 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

Tgt Ion:	65	Resp:	4912
Ion	Ratio	Lower	Upper
65	100		
92	37.1	58.9	88.3#
138	0.5	103.0	154.6#

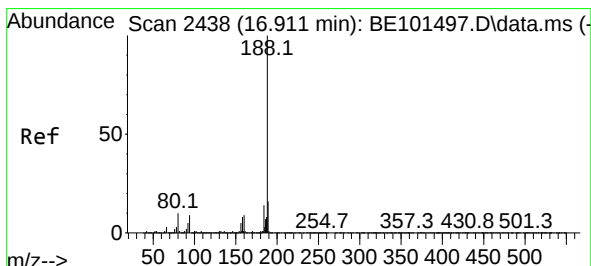
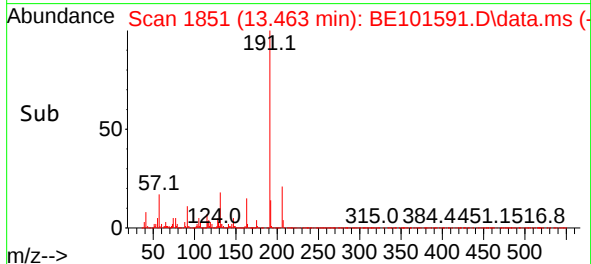
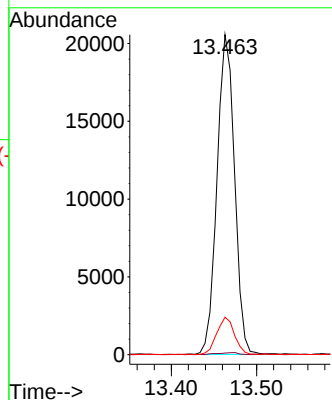
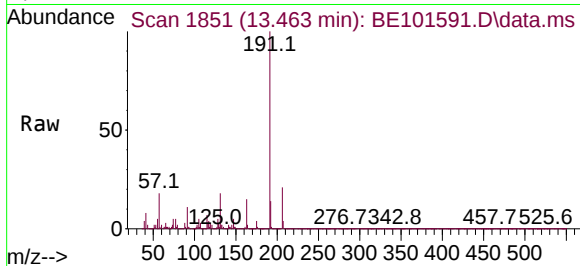




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 13.463 min Scan# 1888
Delta R.T. -0.217 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

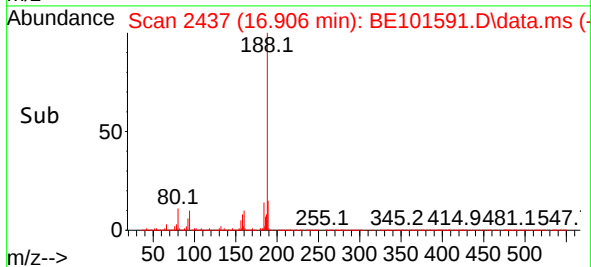
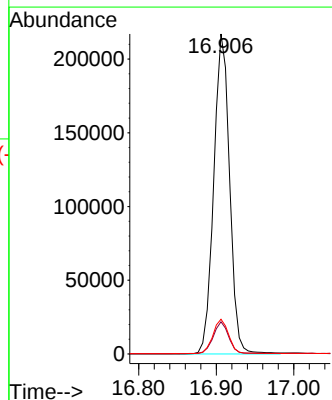
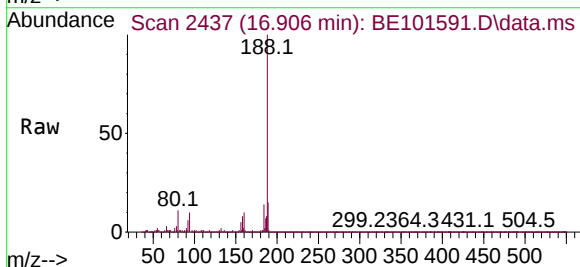
Instrument :
BNA_E
ClientSampleId :
M00-24-00345

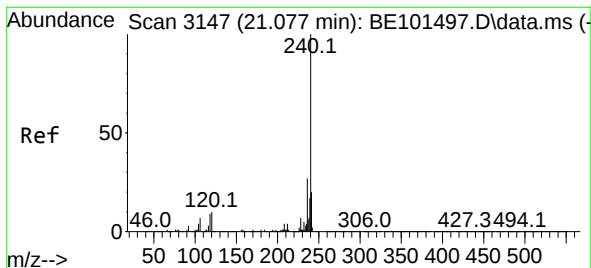
Tgt Ion:163 Resp: 29462
Ion Ratio Lower Upper
163 100
194 0.5 2.9 4.3#
164 11.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BE101591.D
Acq: 13 Nov 2024 00:34

Tgt Ion:188 Resp: 308201
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.9 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.078 min Scan# 3147

Delta R.T. 0.001 min

Lab File: BE101591.D

Acq: 13 Nov 2024 00:34

Instrument :

BNA_E

ClientSampleId :

M00-24-00345

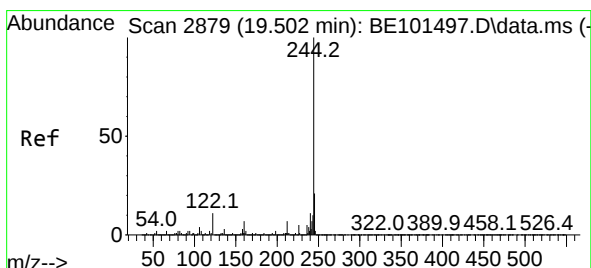
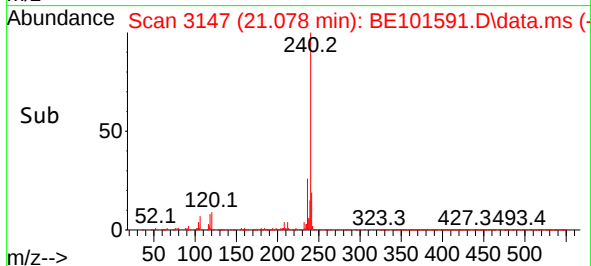
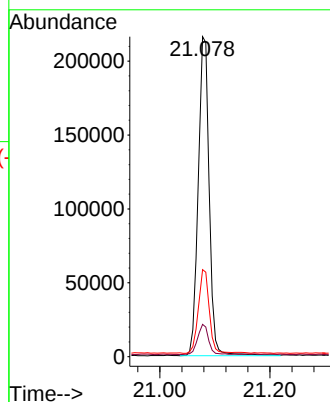
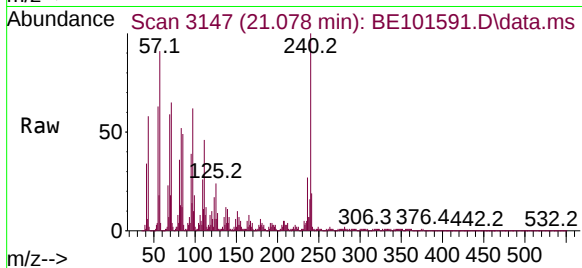
Tgt Ion:240 Resp: 299735

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.4

236 27.2 21.4 32.2



#79

Terphenyl-d14

Concen: 1.058 ng

RT: 19.503 min Scan# 2879

Delta R.T. 0.001 min

Lab File: BE101591.D

Acq: 13 Nov 2024 00:34

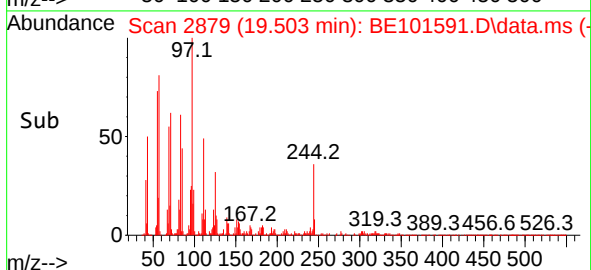
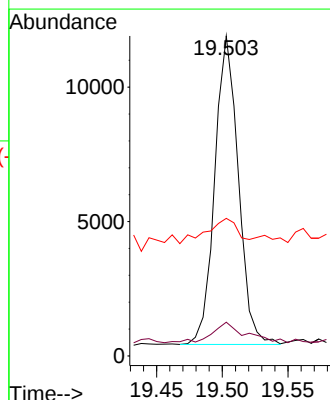
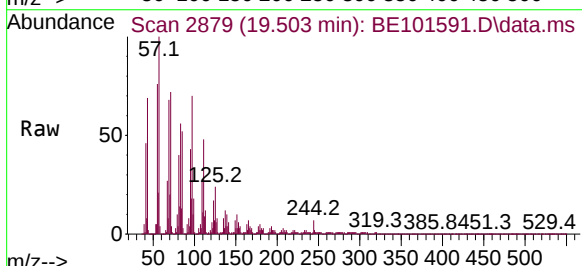
Tgt Ion:244 Resp: 14329

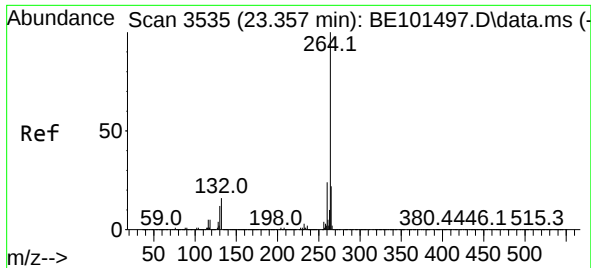
Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

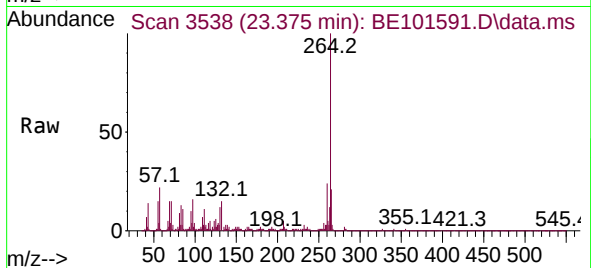
122 43.0 8.4 12.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.375 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BE101591.D
 Acq: 13 Nov 2024 00:34

Instrument :
 BNA_E
 ClientSampleId :
 M00-24-00345



Tgt Ion: 264 Resp: 415915

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.4	17.4	26.2

