

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101484.D
 Acq On : 5 Nov 2024 18:04
 Operator : RC/JU
 Sample : P4643-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 06 00:02:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

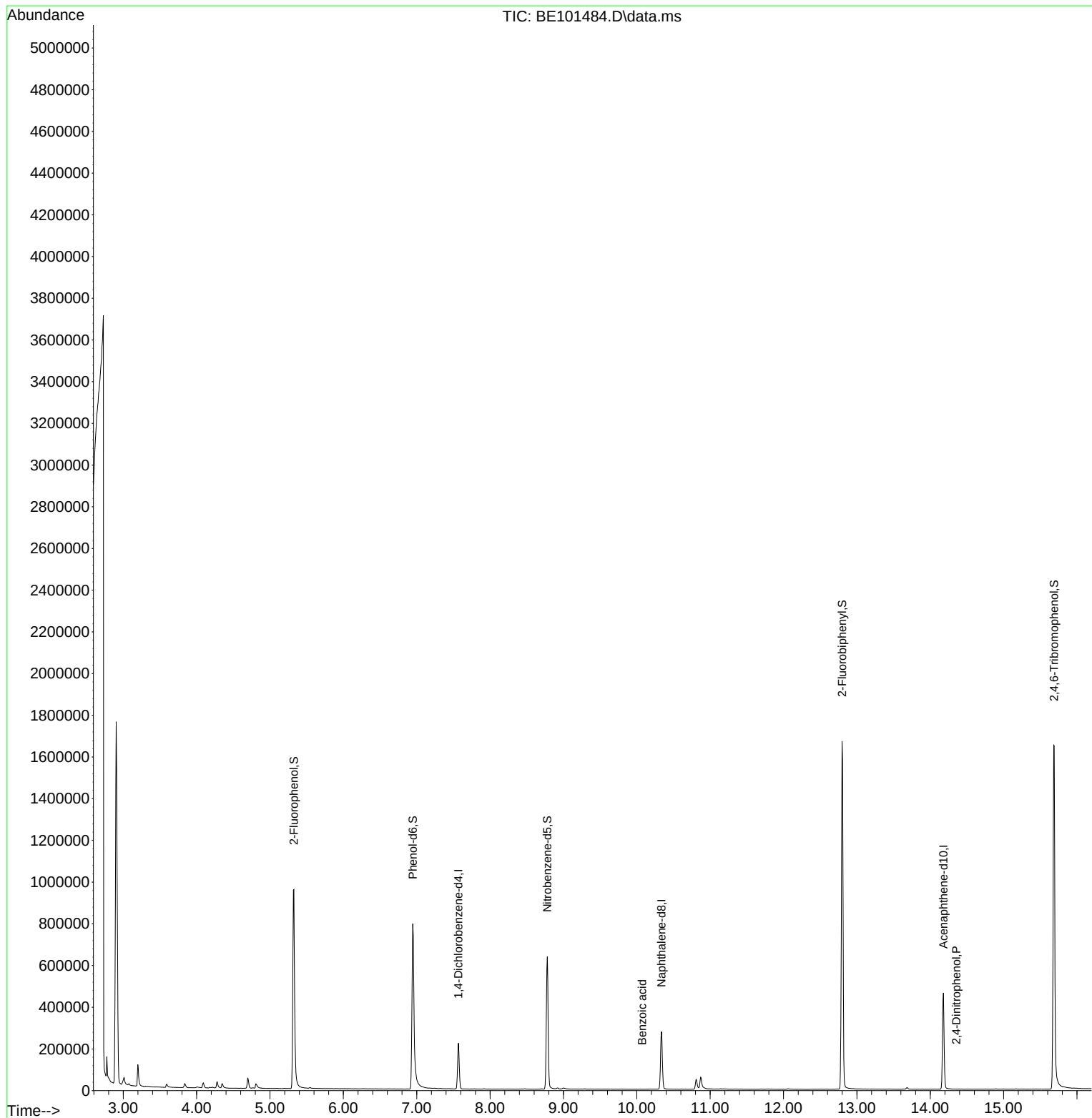
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	61668	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	250468	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	171931	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	418699	20.000	ng	0.00
76) Chrysene-d12	21.077	240	516544	20.000	ng	0.00
86) Perylene-d12	23.369	264	664745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	522813	148.589	ng	0.00
7) Phenol-d6	6.947	99	628717	128.867	ng	0.00
23) Nitrobenzene-d5	8.780	82	379663	95.207	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	477504	158.460	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	929542	91.561	ng	0.00
79) Terphenyl-d14	19.514	244	2293293	102.182	ng	0.00
Target Compounds						
32) Benzoic acid	10.072	122	21	8.222	ng	Qvalue 87
54) 2,4-Dinitrophenol	14.356	184	8	5.620	ng	# 75

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

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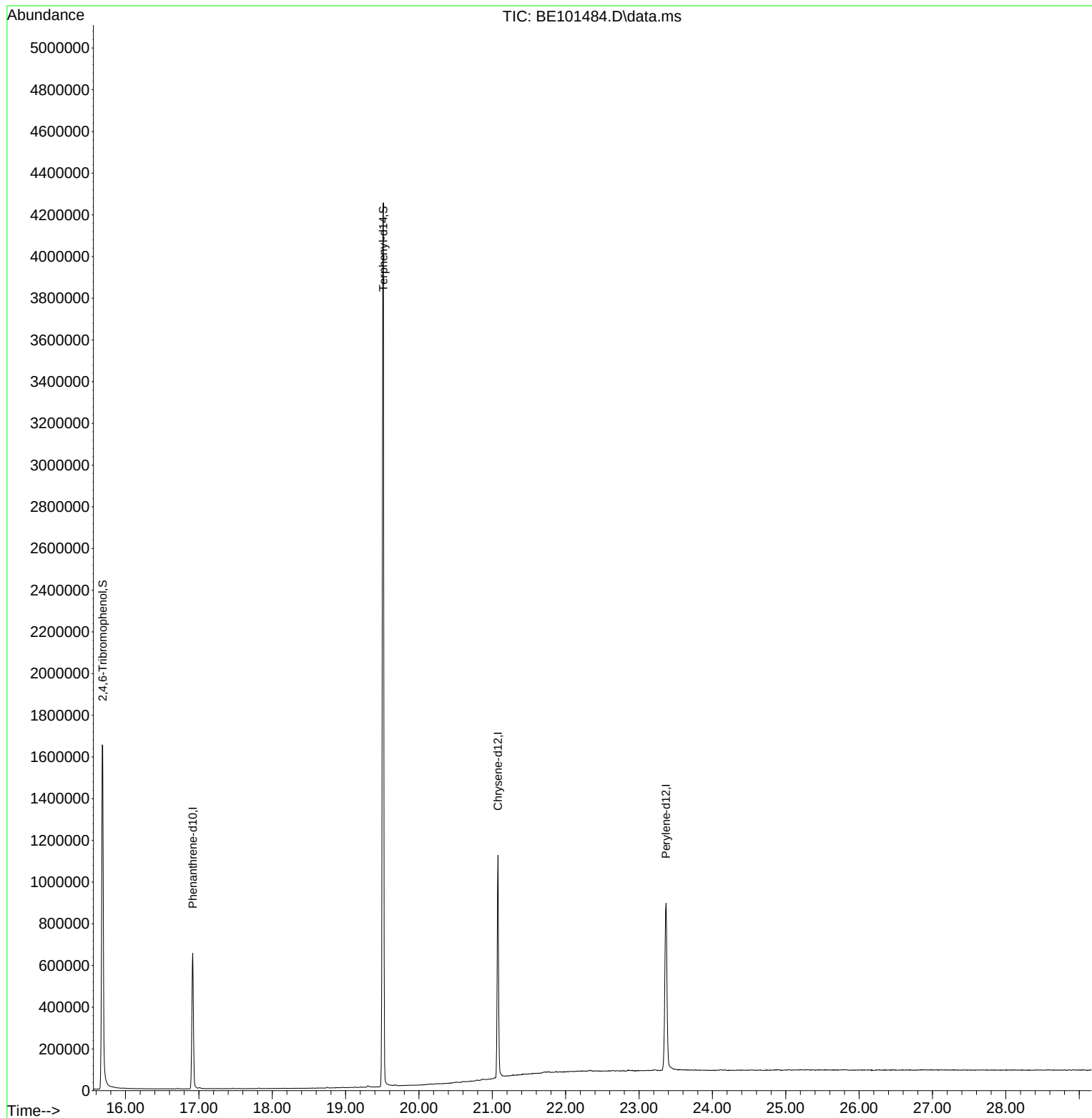
Quant Time: Nov 06 00:02:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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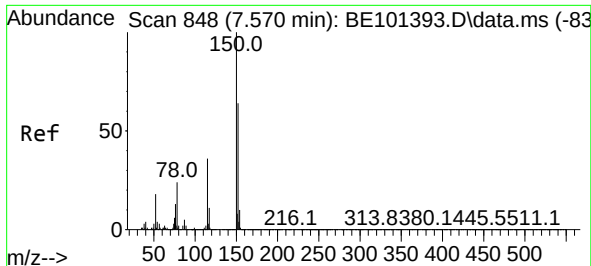


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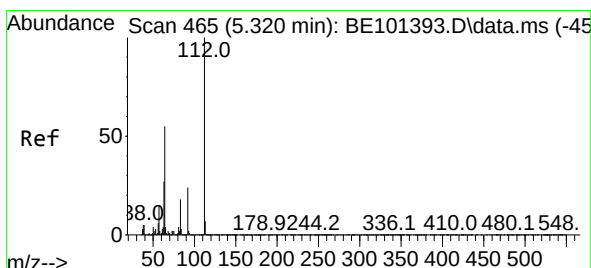
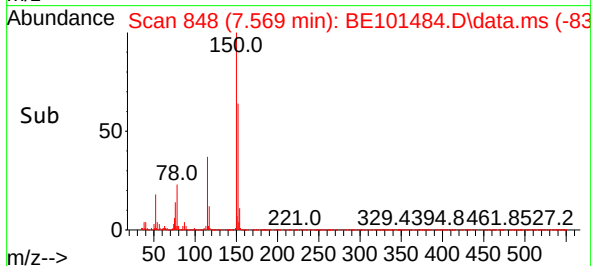
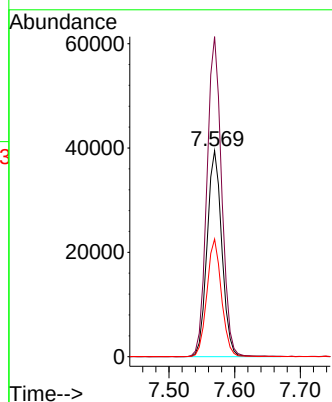
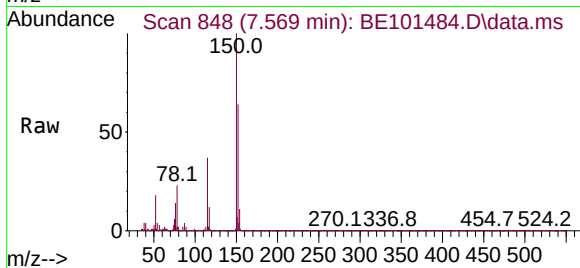




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.569 min Scan# 848
 Delta R.T. -0.001 min
 Lab File: BE101484.D
 Acq: 5 Nov 2024 18:04

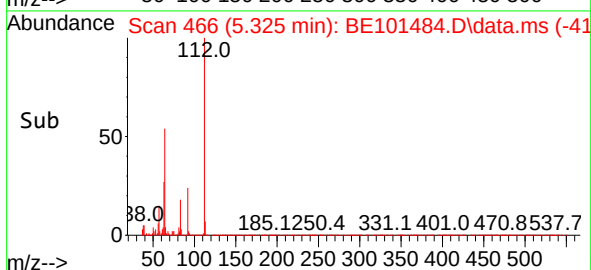
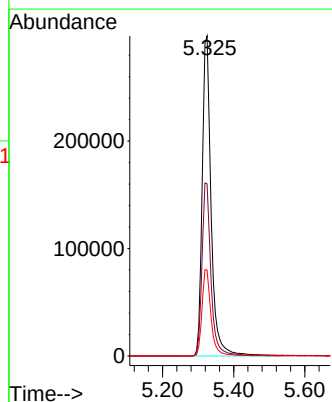
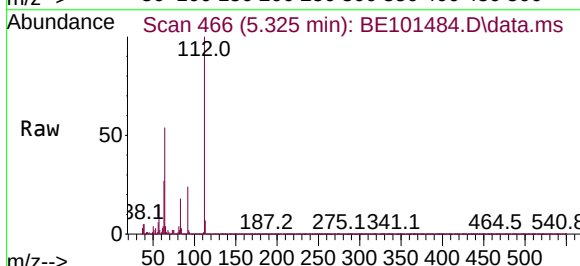
Instrument :
 BNA_E
 ClientSampleId :

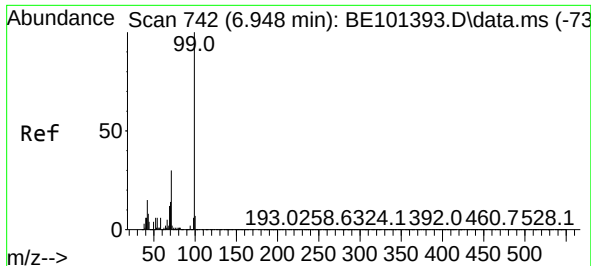
Tgt Ion:152 Resp: 61668
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.2 186.4
 115 57.1 45.3 67.9



#5
 2-Fluorophenol
 Concen: 148.589 ng
 RT: 5.325 min Scan# 466
 Delta R.T. 0.005 min
 Lab File: BE101484.D
 Acq: 5 Nov 2024 18:04

Tgt Ion:112 Resp: 522813
 Ion Ratio Lower Upper
 112 100
 64 53.8 43.7 65.5
 63 26.9 21.4 32.2

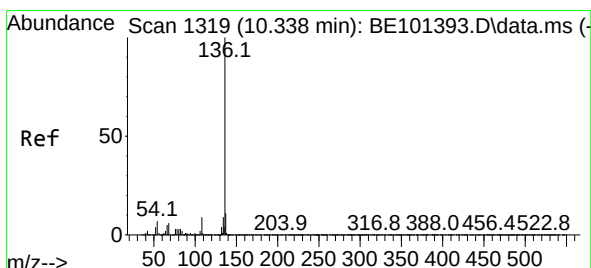
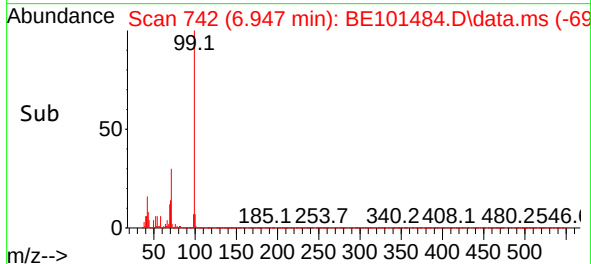
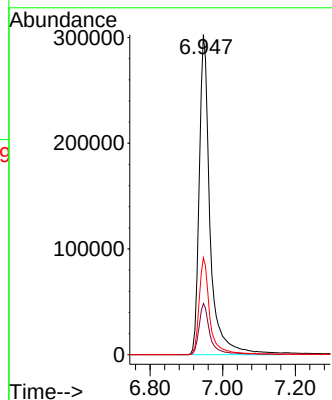
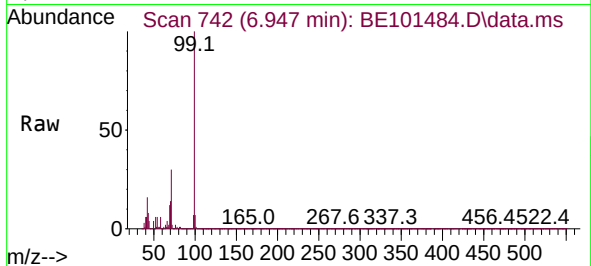




#7
Phenol-d6
Concen: 128.867 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

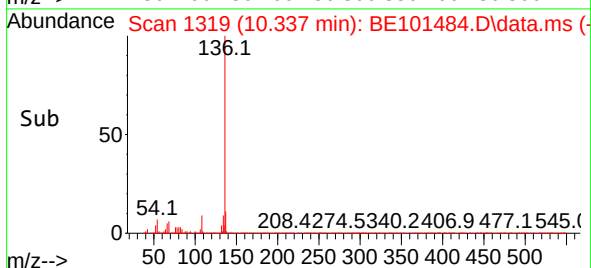
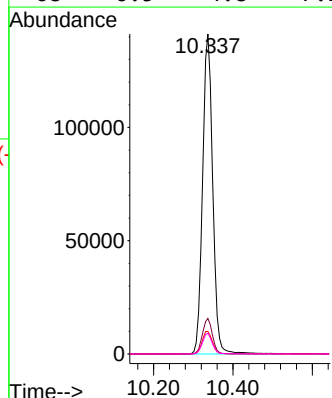
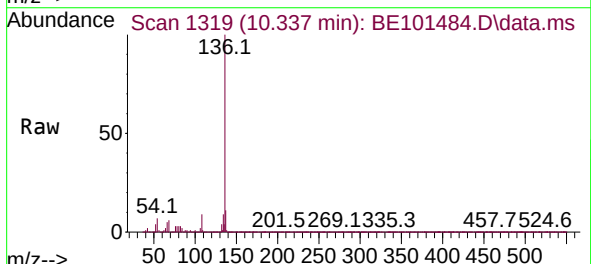
Instrument :
BNA_E
ClientSampleId :

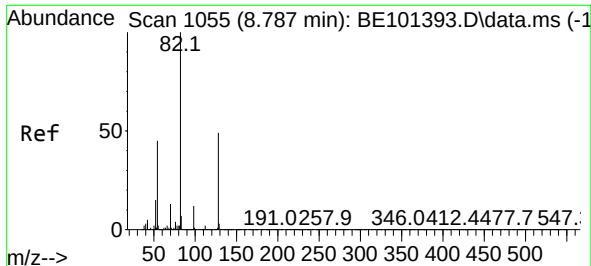
Tgt Ion: 99 Resp: 628717
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 30.3 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:136 Resp: 250468
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.1 5.9 8.9
68 6.5 4.8 7.2

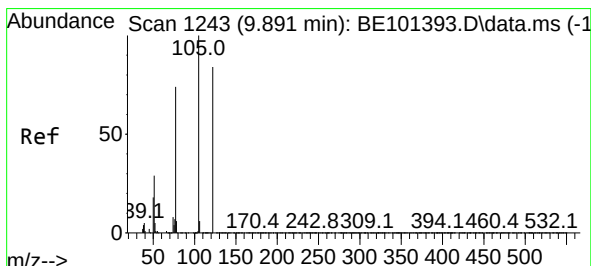
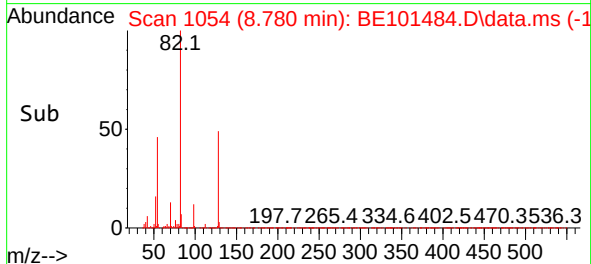
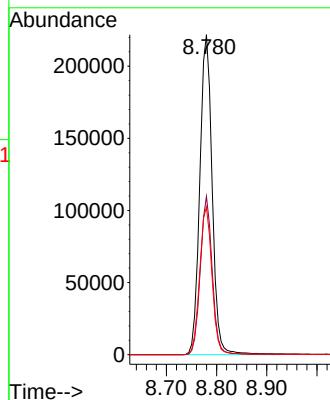
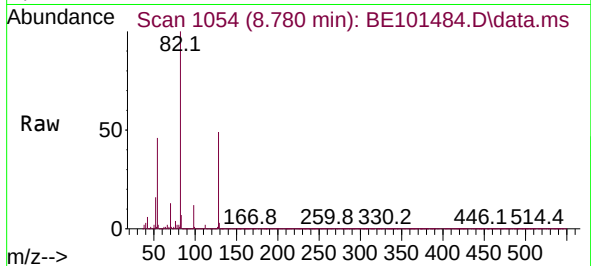




#23
Nitrobenzene-d5
Concen: 95.207 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

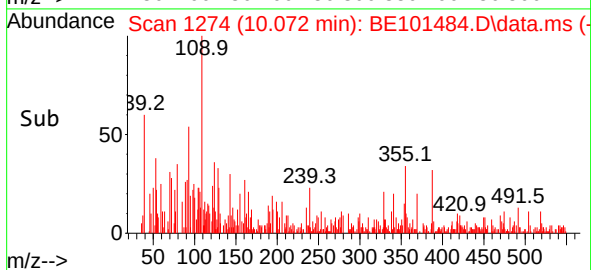
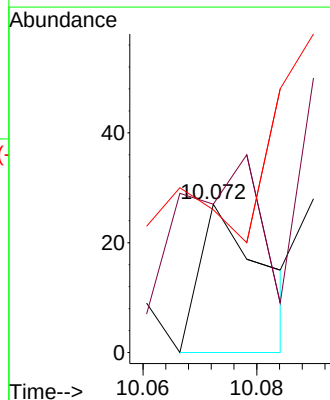
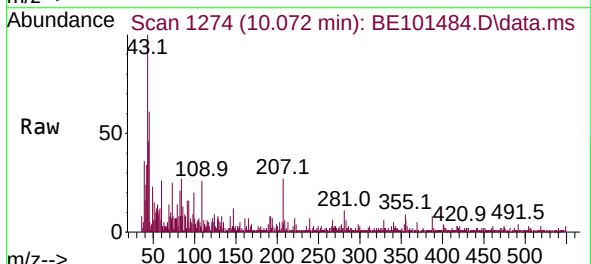
Instrument :
BNA_E
ClientSampleId :

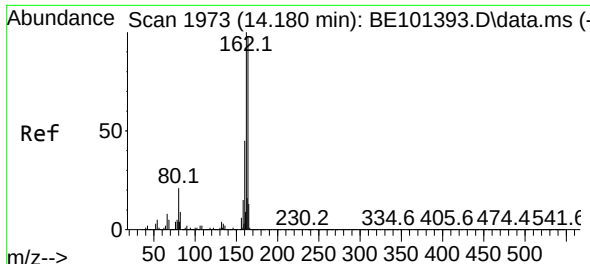
Tgt Ion: 82 Resp: 379663
Ion Ratio Lower Upper
82 100
128 49.5 38.9 58.3
54 46.2 36.2 54.4



#32
Benzoic acid
Concen: 8.222 ng
RT: 10.072 min Scan# 1274
Delta R.T. 0.181 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:122 Resp: 21
Ion Ratio Lower Upper
122 100
105 100.0 97.9 137.9
77 96.3 68.1 108.1

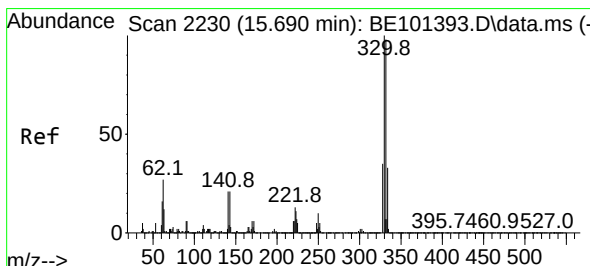
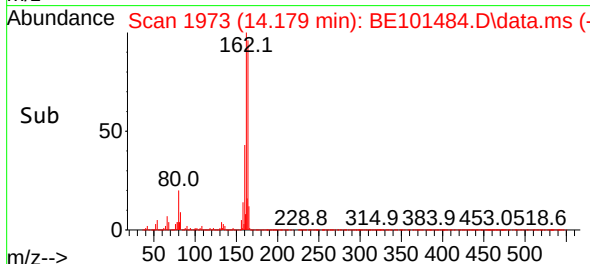
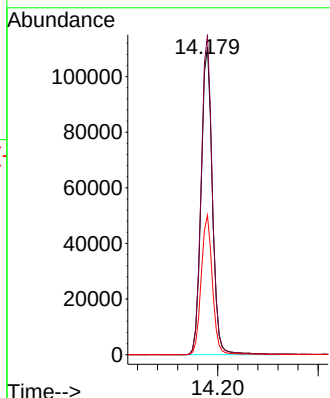
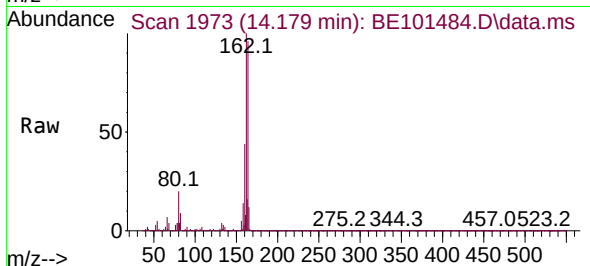




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

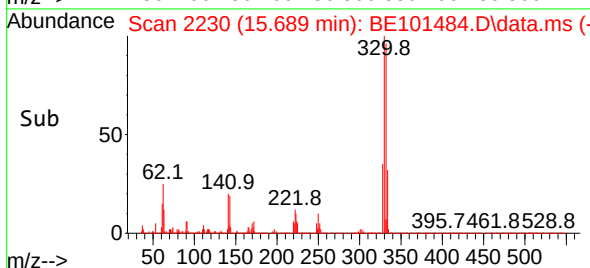
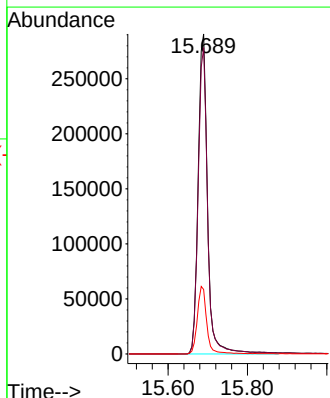
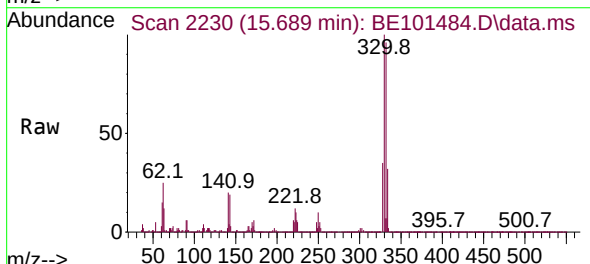
Instrument :
BNA_E
ClientSampleId :

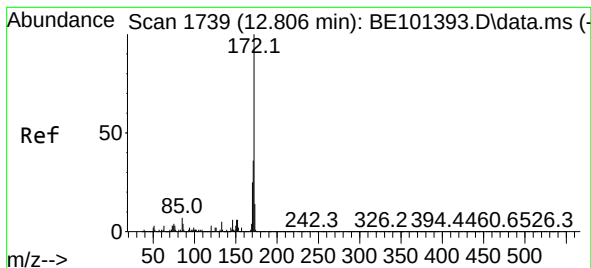
Tgt Ion:164 Resp: 171931
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 45.3 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 158.460 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:330 Resp: 477504
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.2
141 21.1 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 91.561 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101484.D

Acq: 5 Nov 2024 18:04

Instrument :

BNA_E

ClientSampleId :

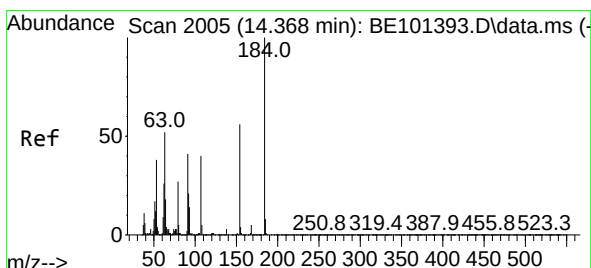
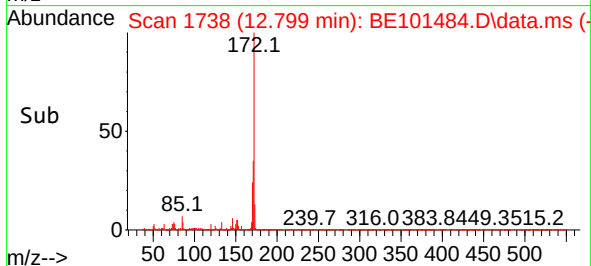
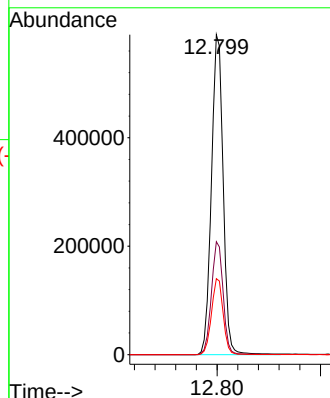
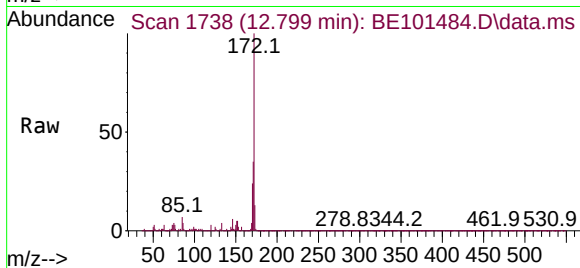
Tgt Ion:172 Resp: 929542

Ion Ratio Lower Upper

172 100

171 35.3 29.2 43.8

170 23.7 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.620 ng

RT: 14.356 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BE101484.D

Acq: 5 Nov 2024 18:04

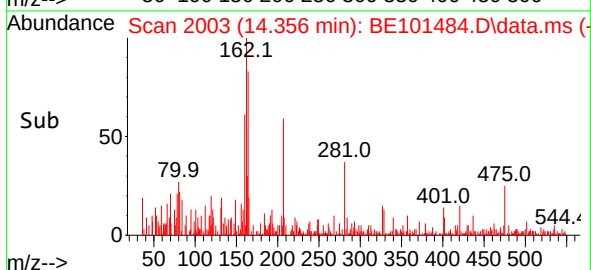
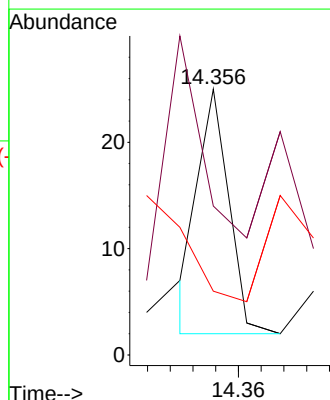
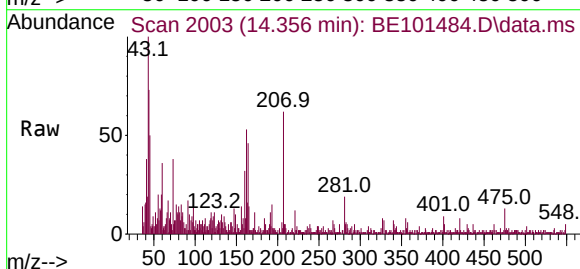
Tgt Ion:184 Resp: 8

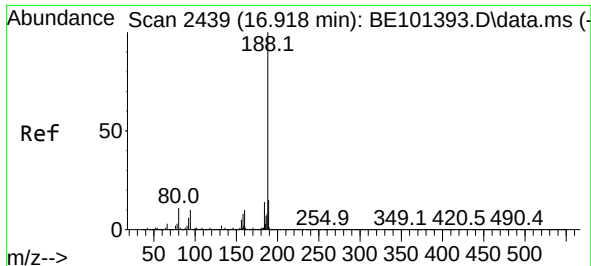
Ion Ratio Lower Upper

184 100

63 56.0 41.8 62.6

154 24.0 44.9 67.3#

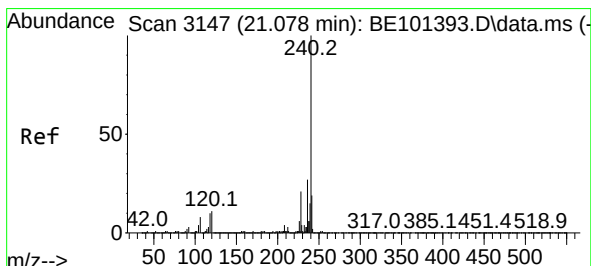
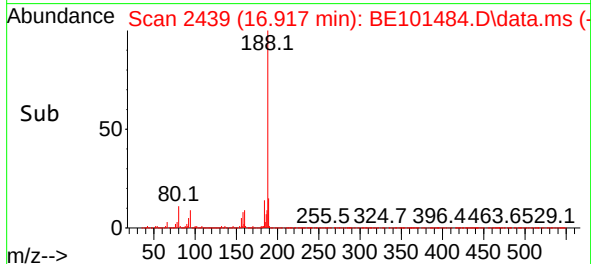
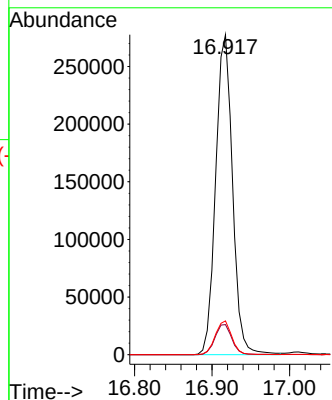
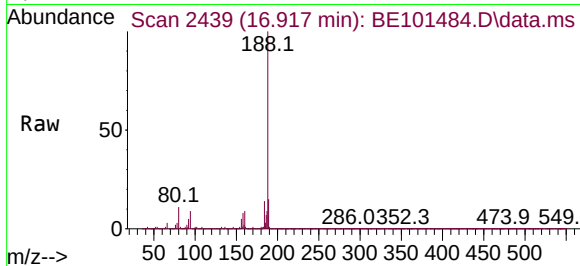




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

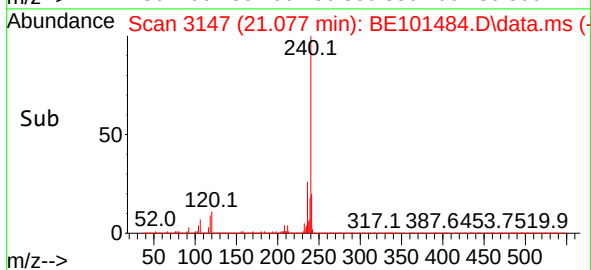
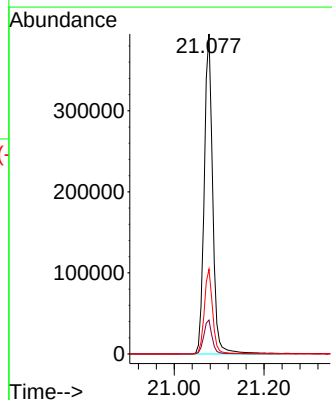
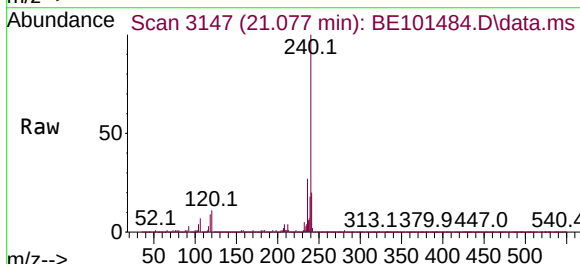
Instrument :
BNA_E
ClientSampleId :

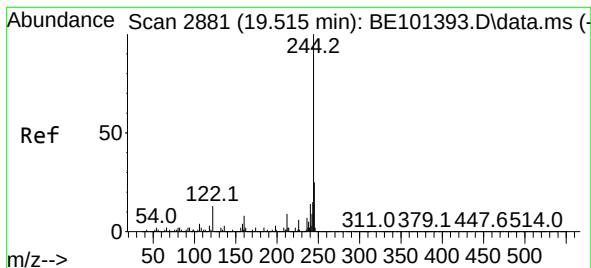
Tgt Ion:188 Resp: 418699
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 10.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:240 Resp: 516544
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 102.182 ng

RT: 19.514 min Scan# 21

Delta R.T. -0.001 min

Lab File: BE101484.D

Acq: 5 Nov 2024 18:04

Instrument :

BNA_E

ClientSampleId :

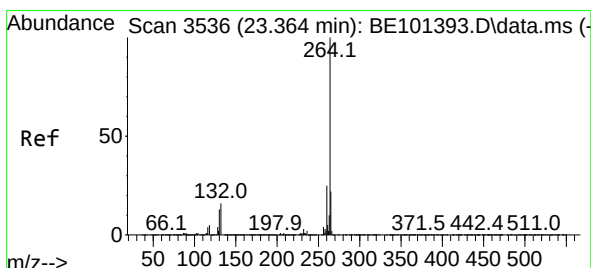
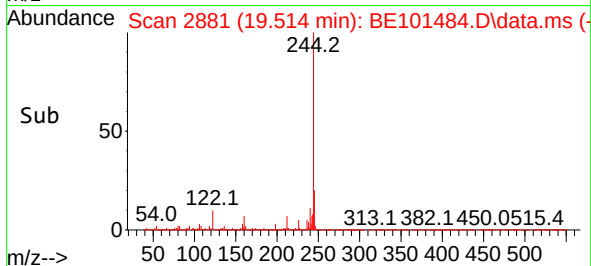
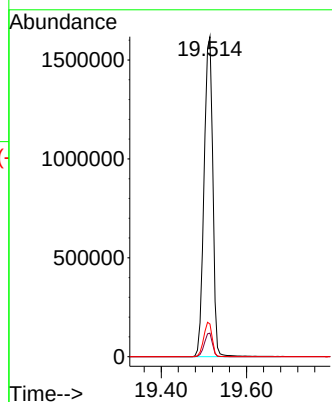
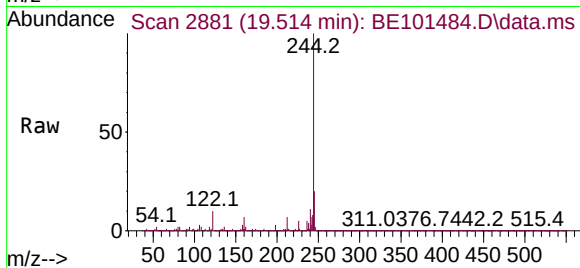
Tgt Ion:244 Resp: 2293293

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

122 10.2 10.4 15.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.369 min Scan# 3537

Delta R.T. 0.005 min

Lab File: BE101484.D

Acq: 5 Nov 2024 18:04

Tgt Ion:264 Resp: 664745

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.8

265 21.5 17.6 26.4

