

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101480.D
 Acq On : 5 Nov 2024 15:43
 Operator : RC/JU
 Sample : P4640-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 15:39:23 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)

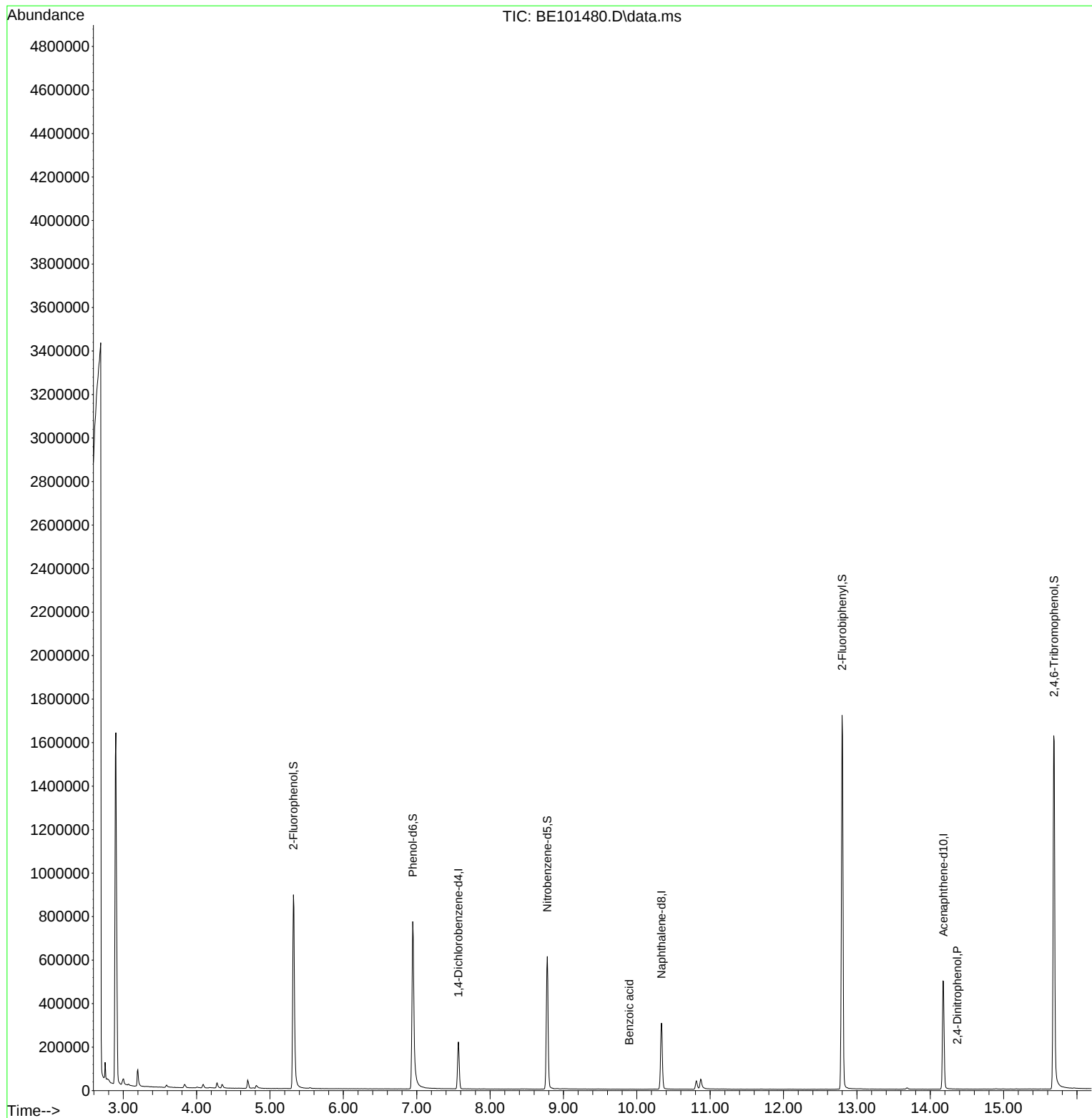
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	61100	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	270587	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	192190	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	452958	20.000	ng	0.00
76) Chrysene-d12	21.077	240	526766	20.000	ng	0.00
86) Perylene-d12	23.369	264	691787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	472752	135.610	ng	0.00
7) Phenol-d6	6.947	99	596595	123.420	ng	0.00
23) Nitrobenzene-d5	8.780	82	366797	85.142	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	450448	133.725	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	955878	84.230	ng	0.00
79) Terphenyl-d14	19.508	244	2163078	94.509	ng	0.00
Target Compounds						
32) Benzoic acid	9.896	122	25	8.223	ng	Qvalue # 26
54) 2,4-Dinitrophenol	14.367	184	5	5.619	ng	# 1

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

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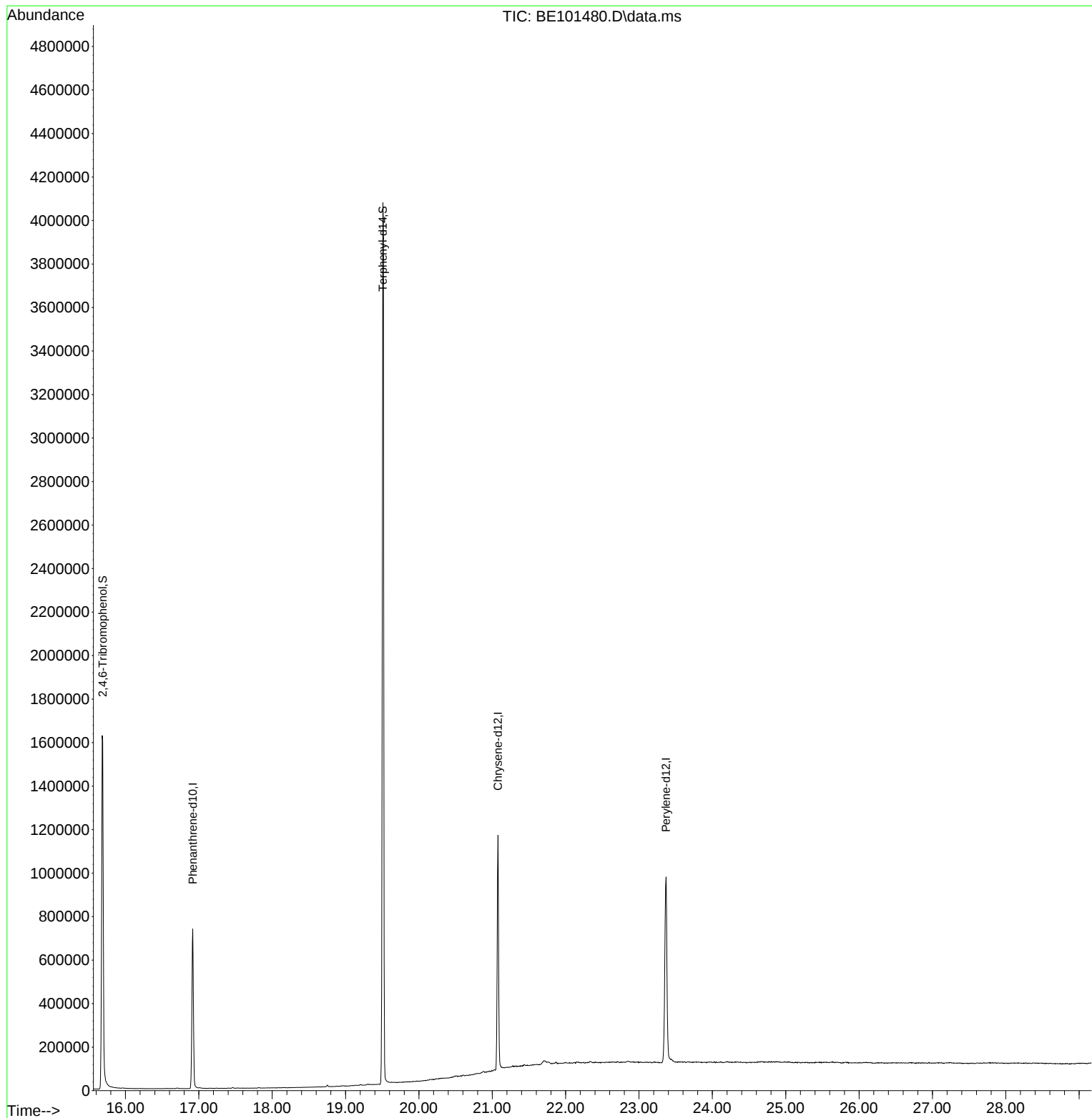
Quant Time: Nov 05 15:39:23 2024
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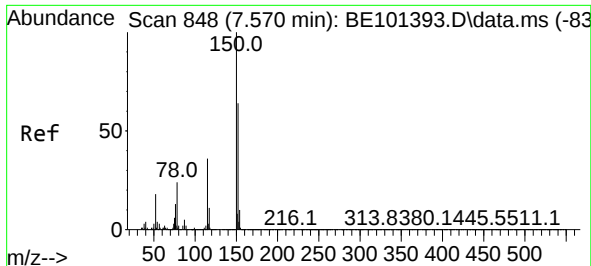


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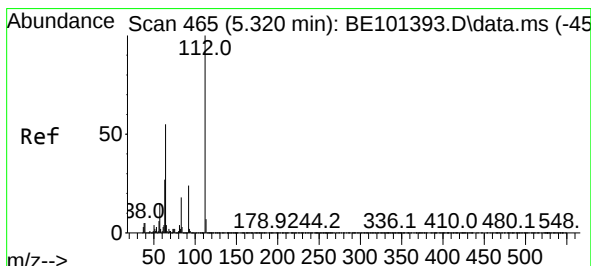
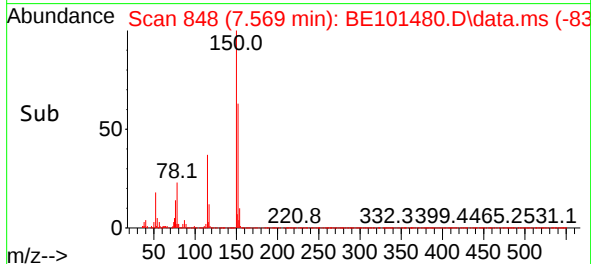
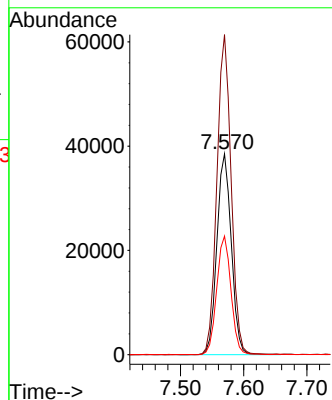
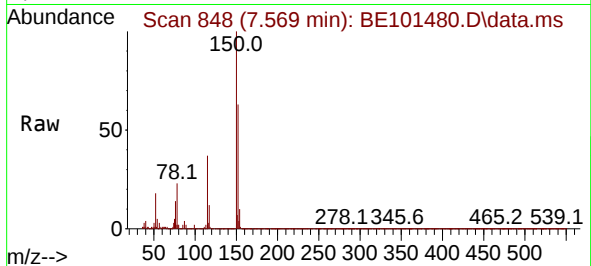




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.569 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BE101480.D
 Acq: 5 Nov 2024 15:43

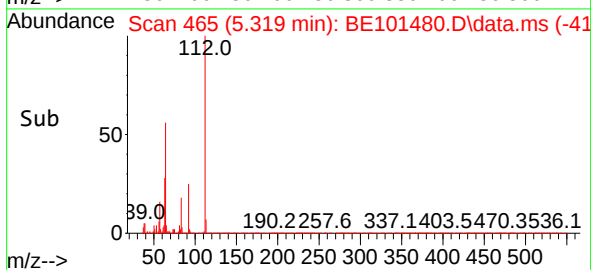
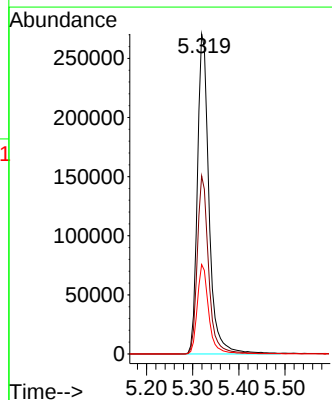
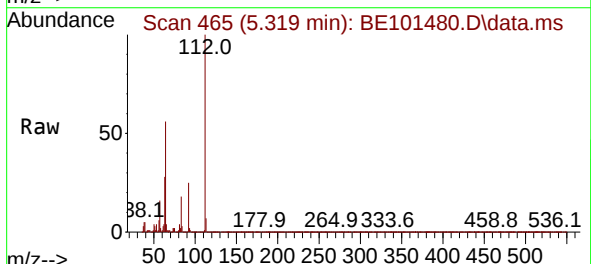
Instrument :
 BNA_E
 ClientSampleId :

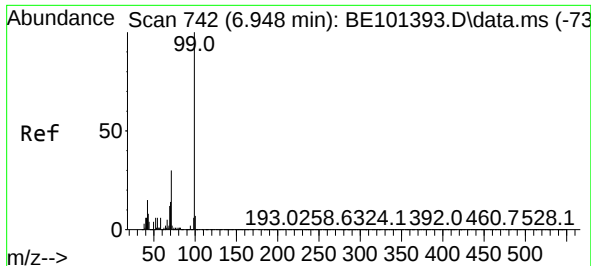
Tgt Ion:152 Resp: 61100
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.2 186.4
 115 59.1 45.3 67.9



#5
 2-Fluorophenol
 Concen: 135.610 ng
 RT: 5.319 min Scan# 465
 Delta R.T. -0.001 min
 Lab File: BE101480.D
 Acq: 5 Nov 2024 15:43

Tgt Ion:112 Resp: 472752
 Ion Ratio Lower Upper
 112 100
 64 55.7 43.7 65.5
 63 28.0 21.4 32.2

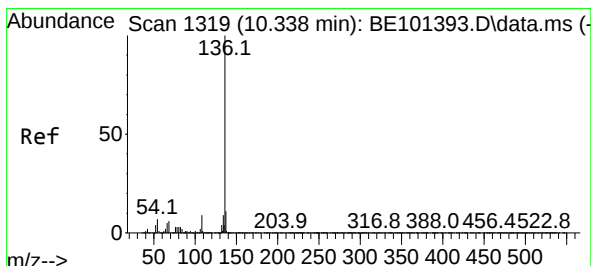
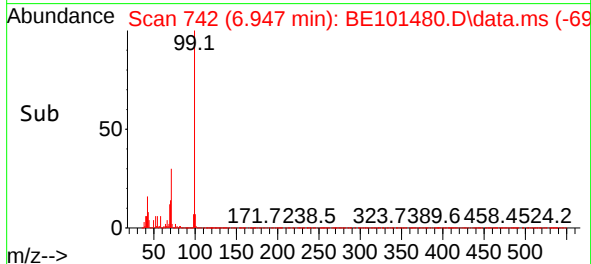
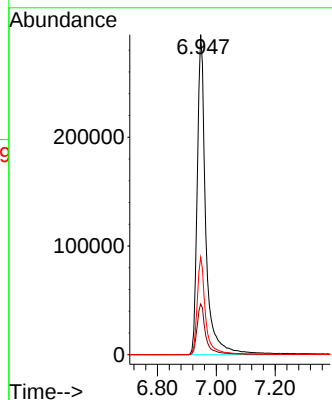
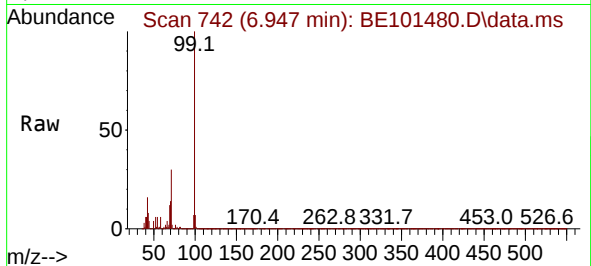




#7
Phenol-d6
Concen: 123.420 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101480.D
Acq: 5 Nov 2024 15:43

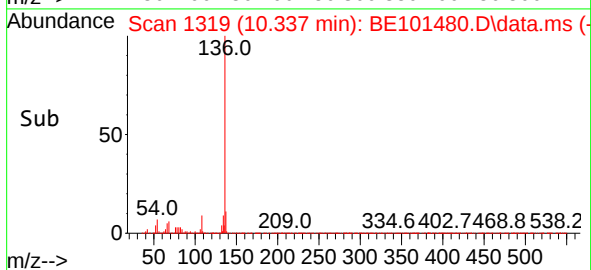
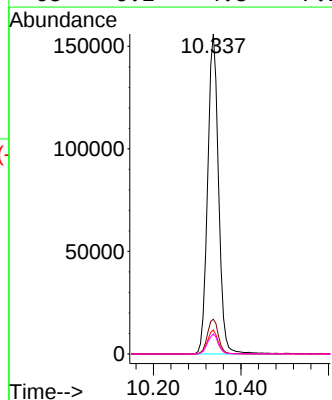
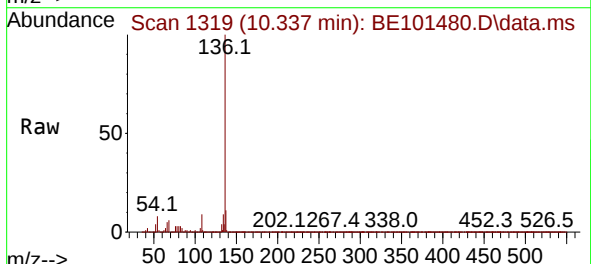
Instrument :
BNA_E
ClientSampleId :

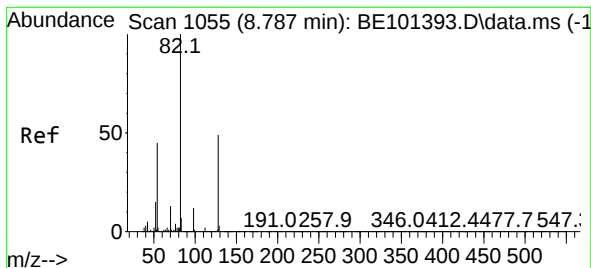
Tgt Ion: 99 Resp: 596595
Ion Ratio Lower Upper
99 100
42 15.9 12.3 18.5
71 30.4 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101480.D
Acq: 5 Nov 2024 15:43

Tgt Ion:136 Resp: 270587
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.5 5.9 8.9
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.142 ng

RT: 8.780 min Scan# 1055

Delta R.T. -0.007 min

Lab File: BE101480.D

Acq: 5 Nov 2024 15:43

Instrument :

BNA_E

ClientSampleId :

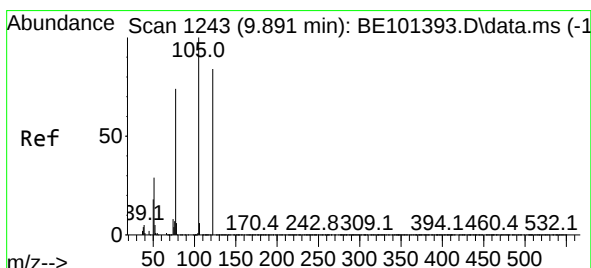
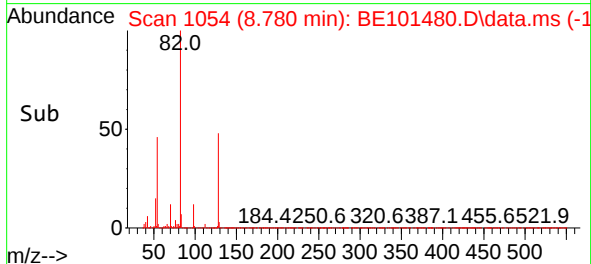
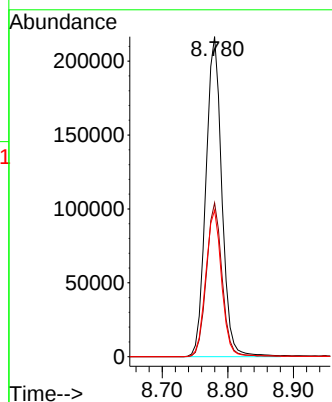
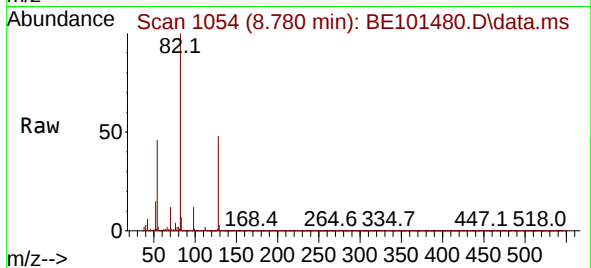
Tgt Ion: 82 Resp: 366797

Ion Ratio Lower Upper

82 100

128 48.1 38.9 58.3

54 45.8 36.2 54.4



#32

Benzoic acid

Concen: 8.223 ng

RT: 9.896 min Scan# 1244

Delta R.T. 0.005 min

Lab File: BE101480.D

Acq: 5 Nov 2024 15:43

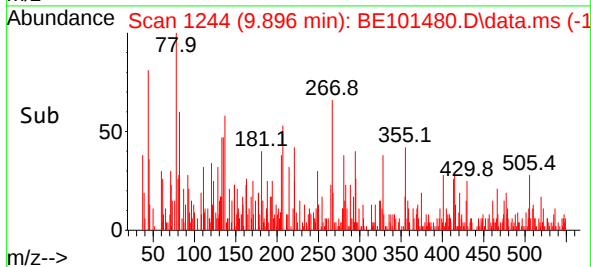
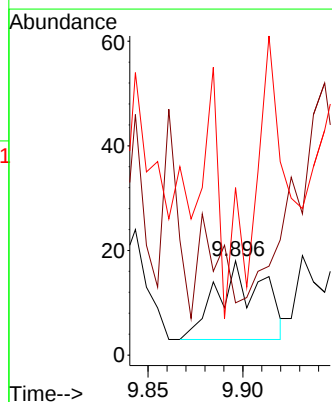
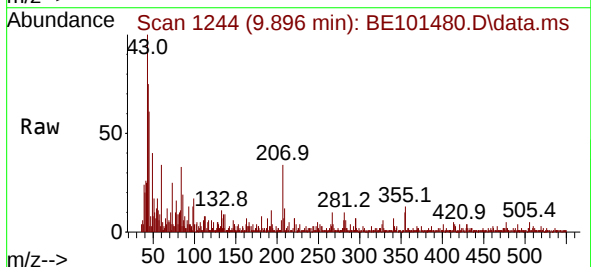
Tgt Ion:122 Resp: 25

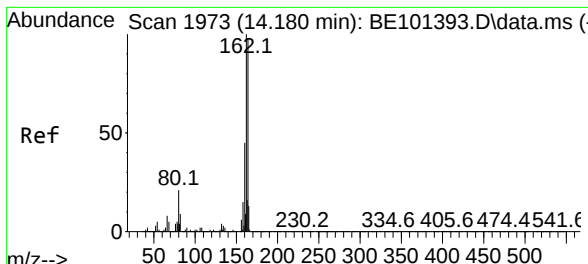
Ion Ratio Lower Upper

122 100

105 55.6 97.9 137.9#

77 177.8 68.1 108.1#

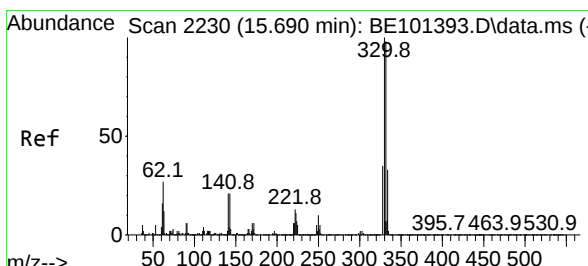
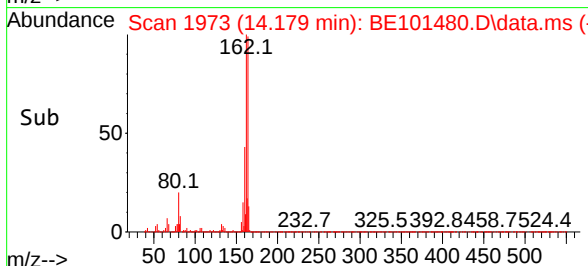
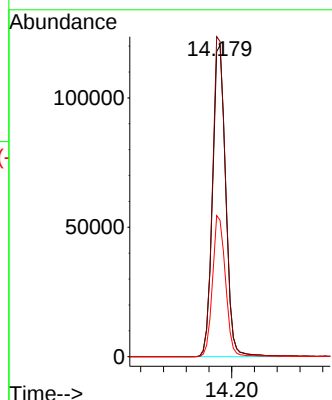
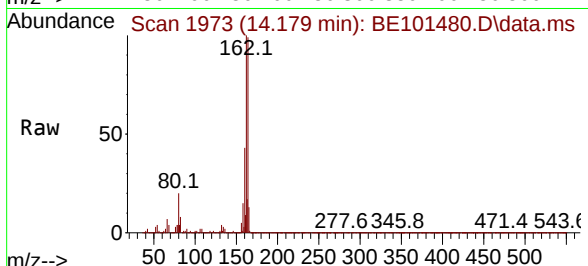




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101480.D
Acq: 5 Nov 2024 15:43

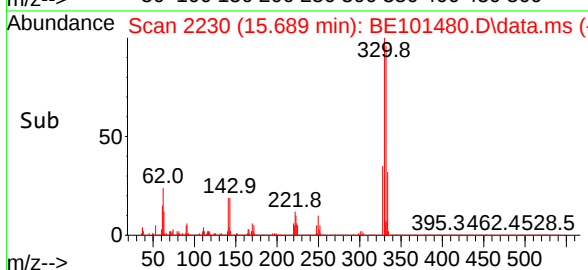
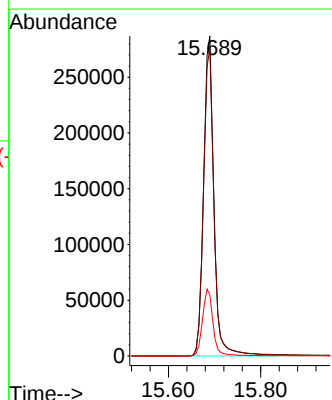
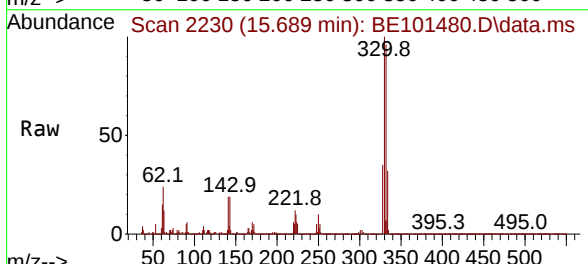
Instrument :
BNA_E
ClientSampleId :

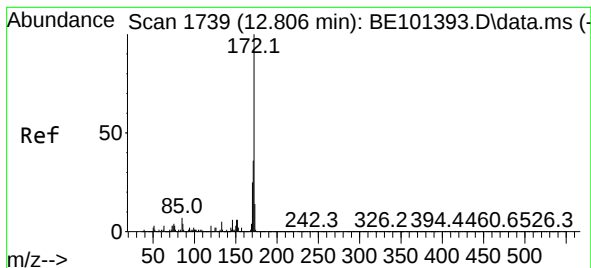
Tgt Ion:164 Resp: 192190
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 43.8 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 133.725 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101480.D
Acq: 5 Nov 2024 15:43

Tgt Ion:330 Resp: 450448
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 21.4 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 84.230 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101480.D

Acq: 5 Nov 2024 15:43

Instrument :

BNA_E

ClientSampleId :

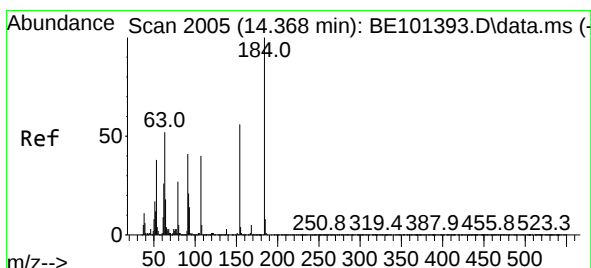
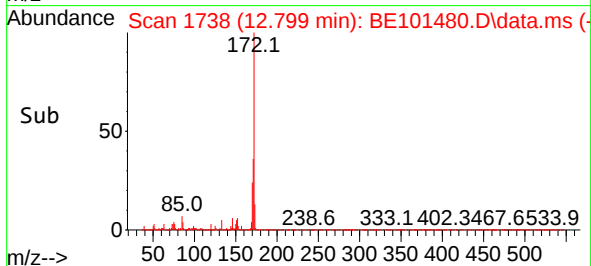
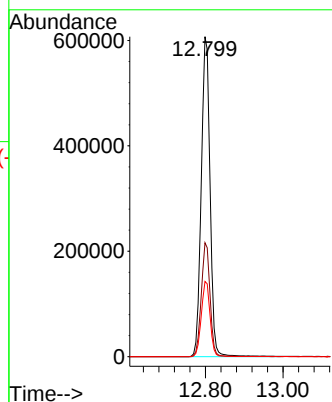
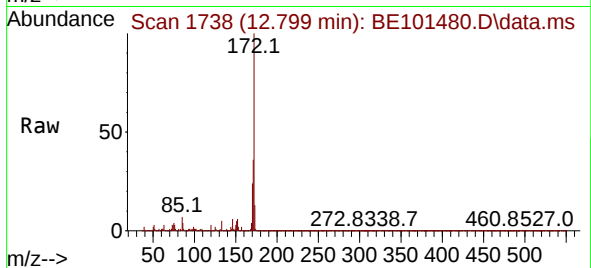
Tgt Ion:172 Resp: 955878

Ion Ratio Lower Upper

172 100

171 35.6 29.2 43.8

170 23.5 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.619 ng

RT: 14.367 min Scan# 2005

Delta R.T. -0.001 min

Lab File: BE101480.D

Acq: 5 Nov 2024 15:43

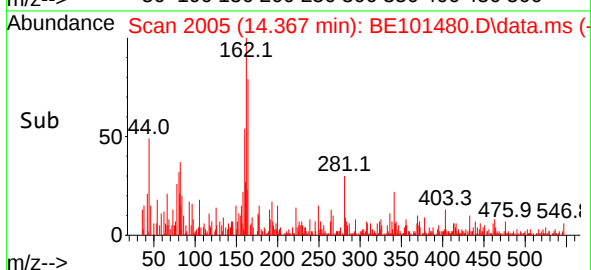
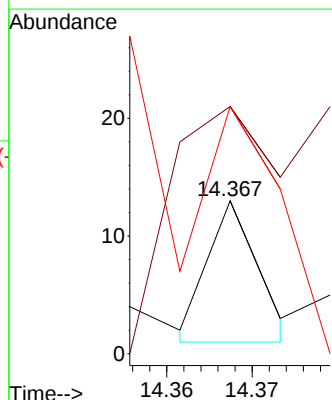
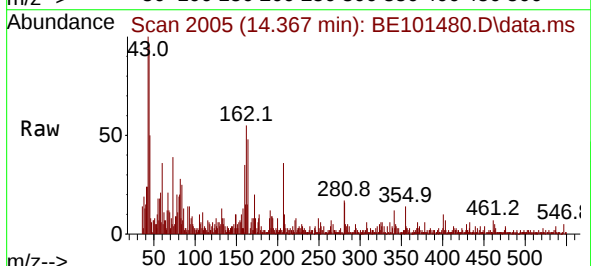
Tgt Ion:184 Resp: 5

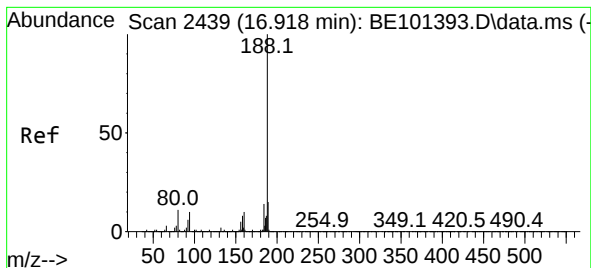
Ion Ratio Lower Upper

184 100

63 161.5 41.8 62.6#

154 161.5 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: BE101480.D

Acq: 5 Nov 2024 15:43

Instrument :

BNA_E

ClientSampleId :

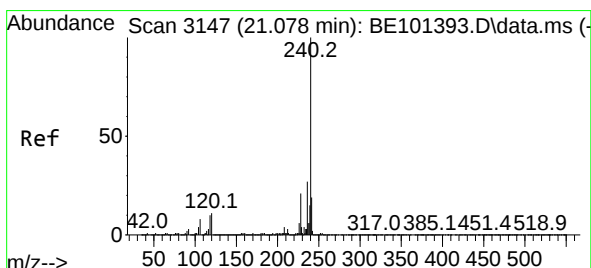
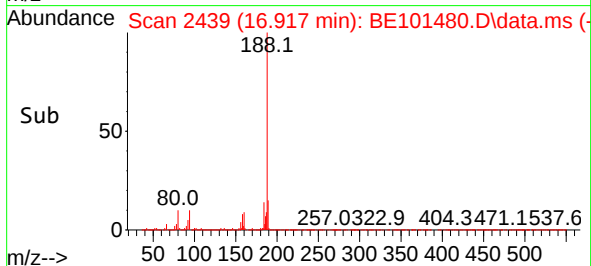
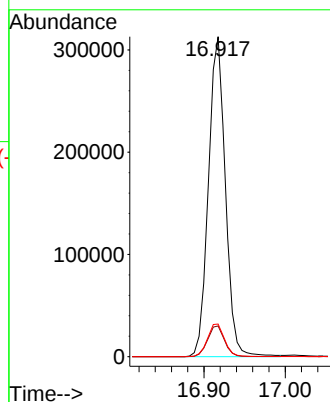
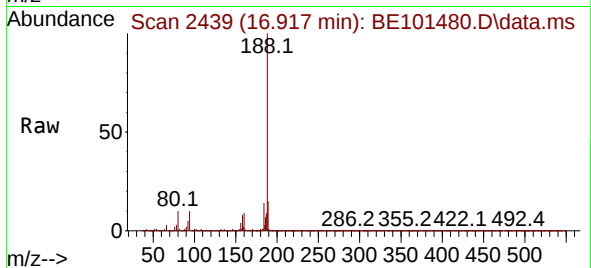
Tgt Ion:188 Resp: 452958

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.8

80 10.2 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: BE101480.D

Acq: 5 Nov 2024 15:43

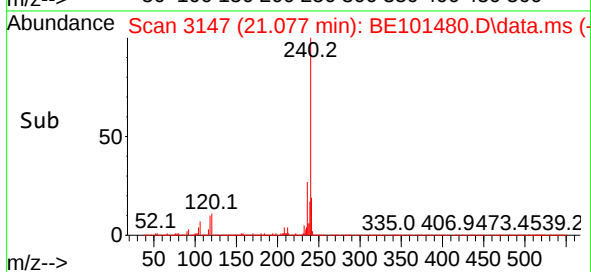
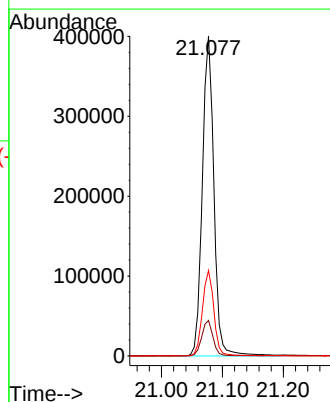
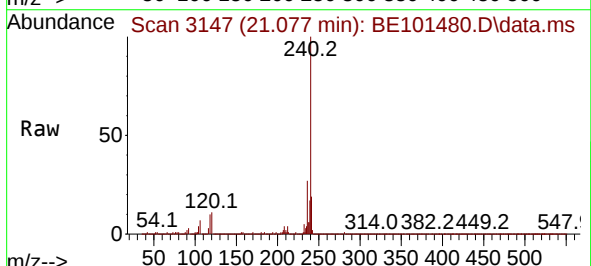
Tgt Ion:240 Resp: 526766

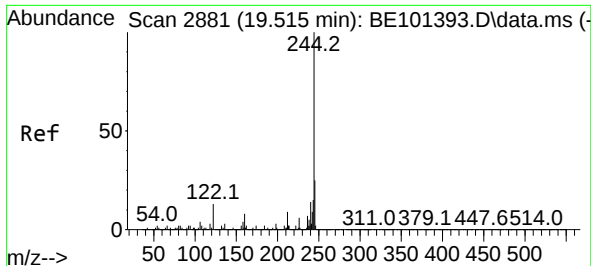
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 26.7 21.4 32.0

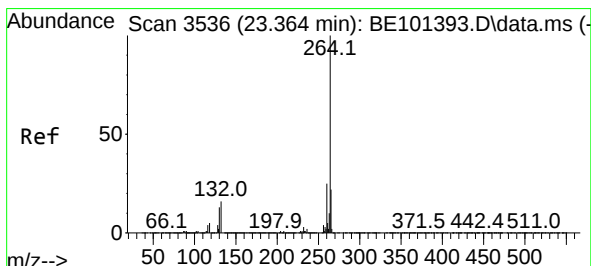
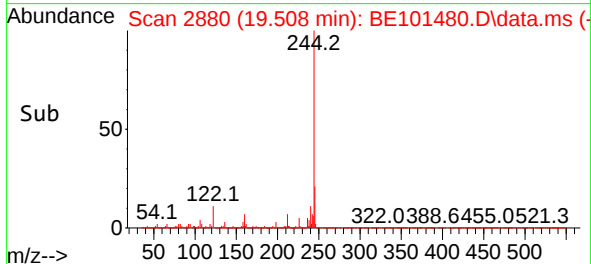
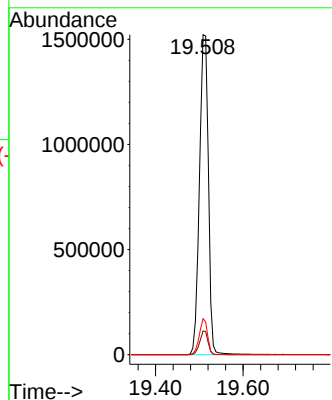
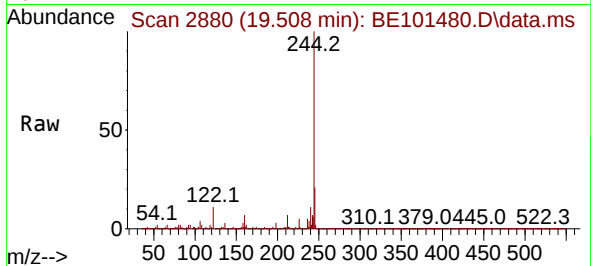




#79
Terphenyl-d14
Concen: 94.509 ng
RT: 19.508 min Scan# 21
Delta R.T. -0.007 min
Lab File: BE101480.D
Acq: 5 Nov 2024 15:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2163078
Ion Ratio Lower Upper
244 100
212 7.4 7.2 10.8
122 11.2 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: BE101480.D
Acq: 5 Nov 2024 15:43

Tgt Ion:264 Resp: 691787
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.8
265 21.8 17.6 26.4

