

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101458.D
 Acq On : 4 Nov 2024 16:51
 Operator : RC/JU
 Sample : P4680-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F26

Quant Time: Nov 04 16:41:30 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)

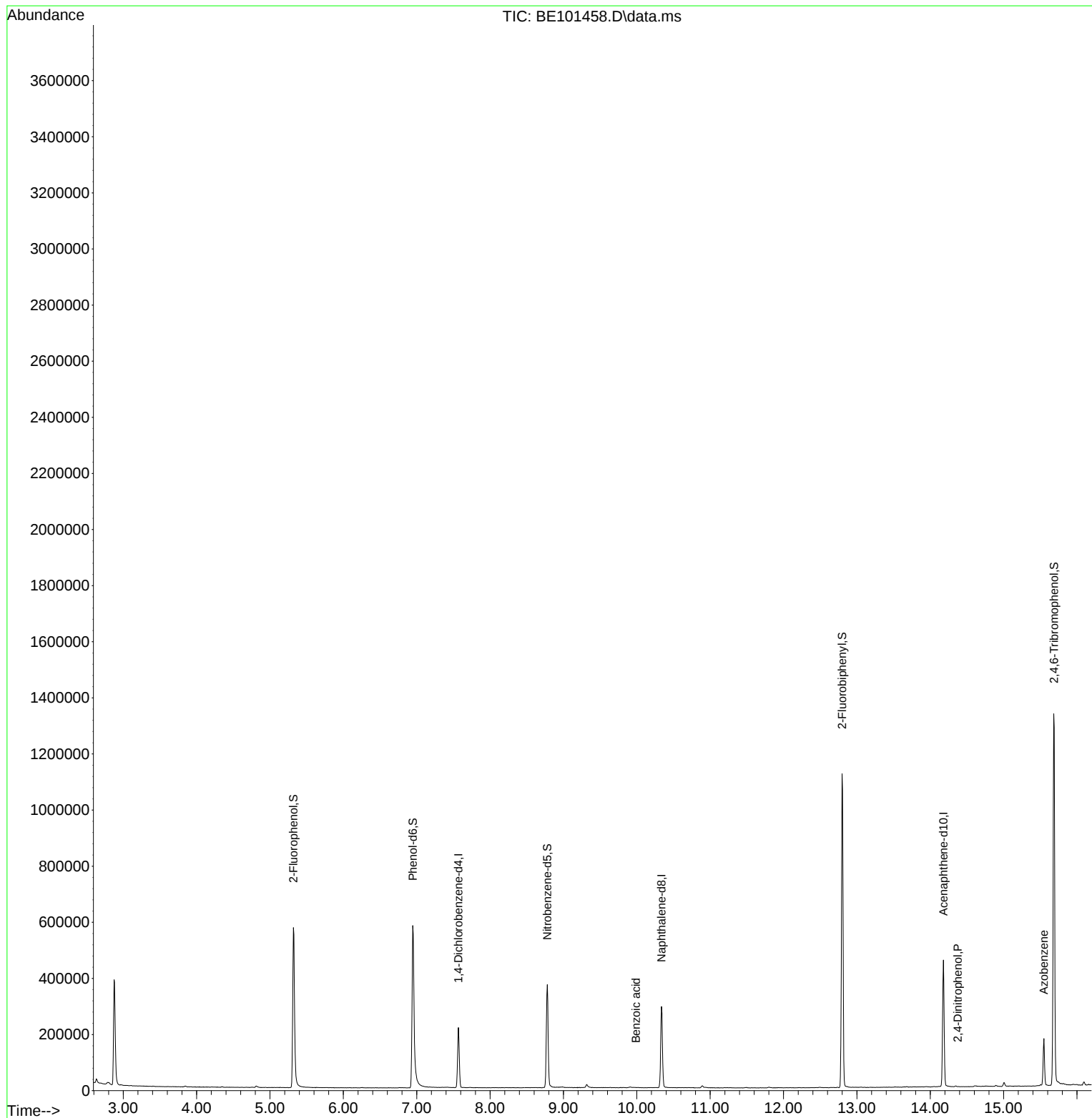
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	59506	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	247180	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	157650	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	365207	20.000	ng	0.00
76) Chrysene-d12	21.077	240	482135	20.000	ng	0.00
86) Perylene-d12	23.369	264	685387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	313860	92.443	ng	0.00
7) Phenol-d6	6.947	99	453437	96.317	ng	0.00
23) Nitrobenzene-d5	8.780	82	221907	56.387	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	332407	120.302	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	604102	64.895	ng	0.00
79) Terphenyl-d14	19.508	244	1495449	71.388	ng	0.00
Target Compounds						
32) Benzoic acid	9.990	122	51	8.232	ng	Qvalue 97
54) 2,4-Dinitrophenol	14.373	184	15	5.624	ng	# 49
63) Azobenzene	15.548	77	45422	4.540	ng	# 1

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

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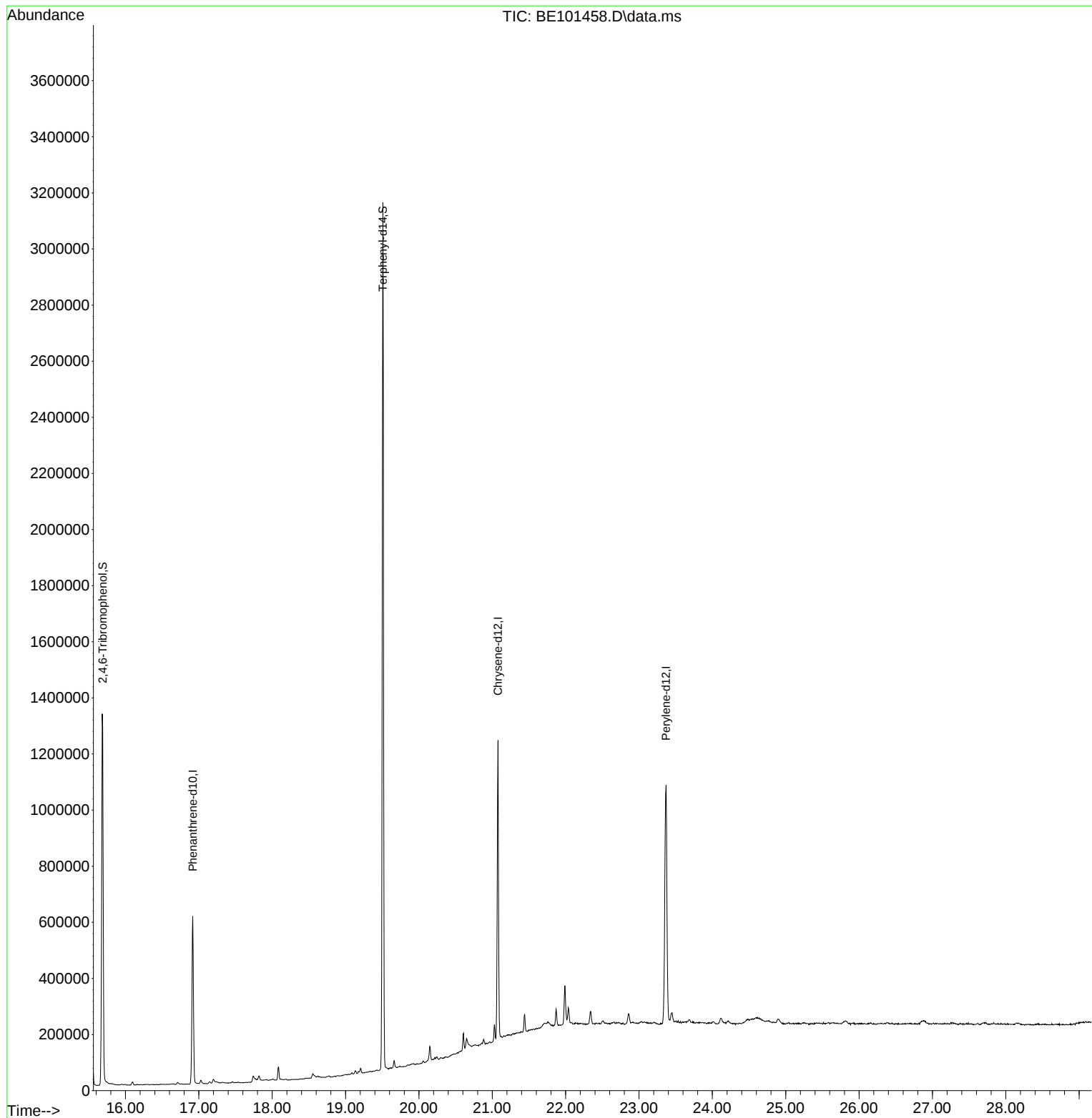
Quant Time: Nov 04 16:41:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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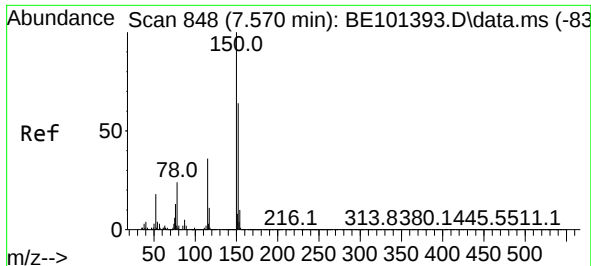


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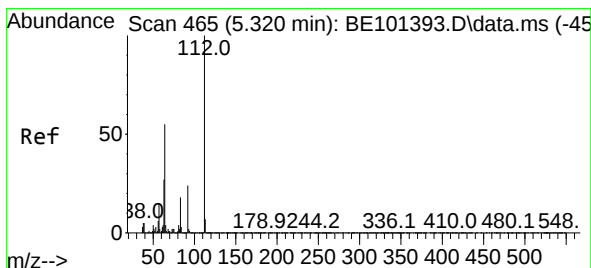
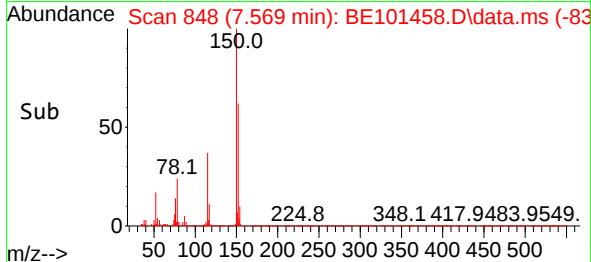
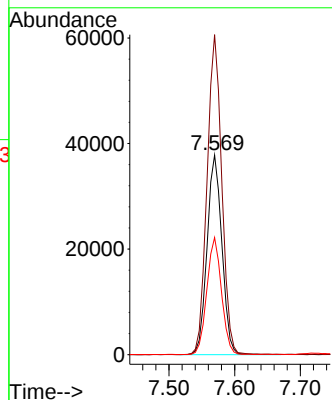
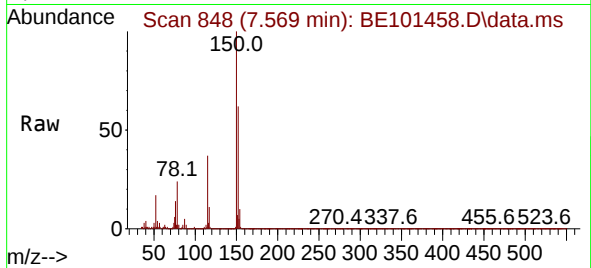




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 848
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

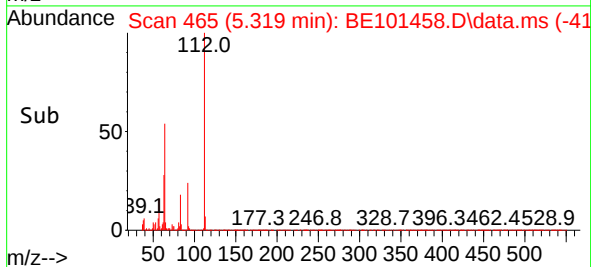
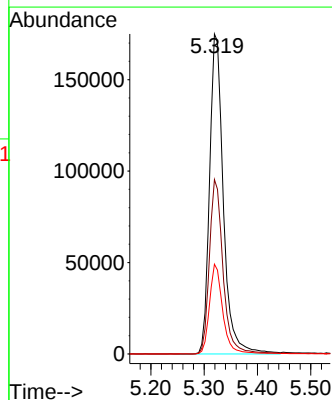
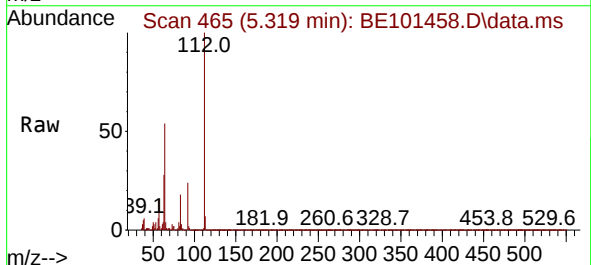
Instrument :
BNA_E
ClientSampleId :
BP-F26

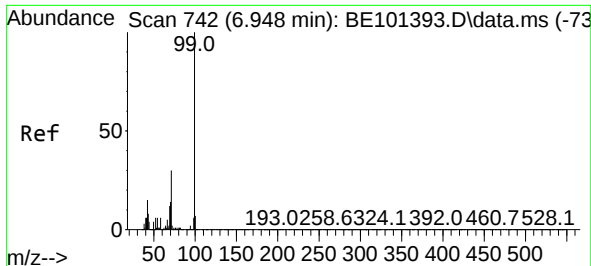
Tgt Ion:152 Resp: 59506
Ion Ratio Lower Upper
152 100
150 160.2 124.2 186.4
115 58.7 45.3 67.9



#5
2-Fluorophenol
Concen: 92.443 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

Tgt Ion:112 Resp: 313860
Ion Ratio Lower Upper
112 100
64 54.5 43.7 65.5
63 28.1 21.4 32.2

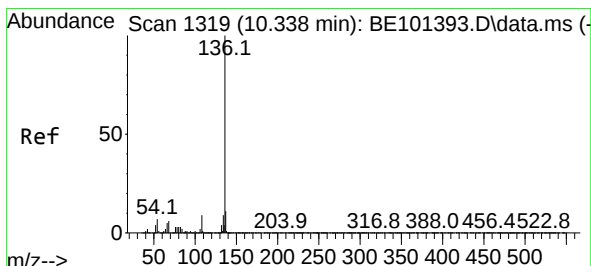
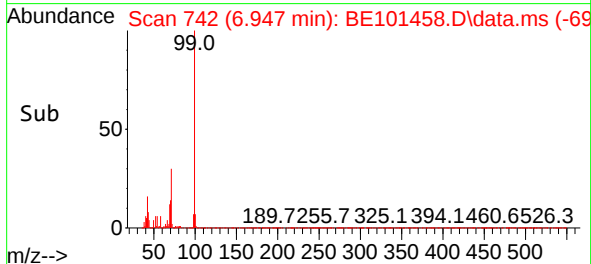
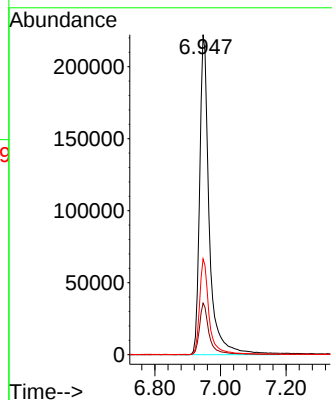
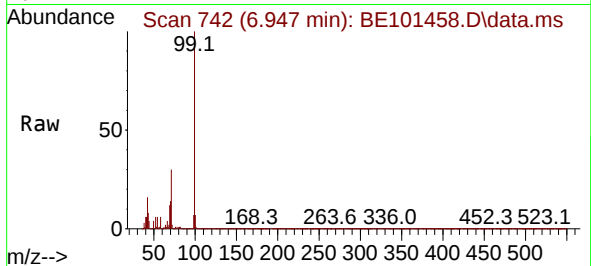




#7
Phenol-d6
Concen: 96.317 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

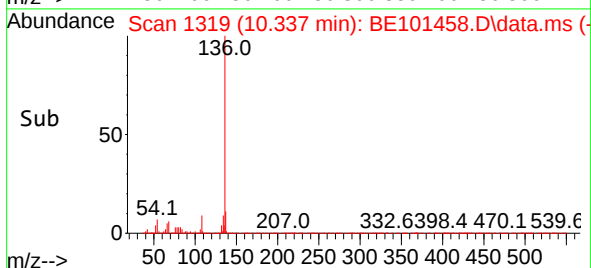
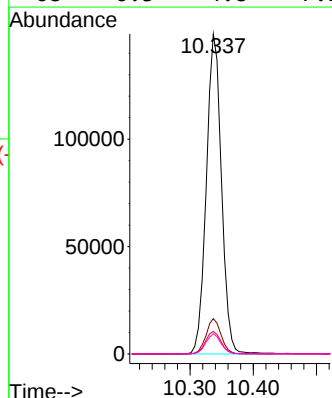
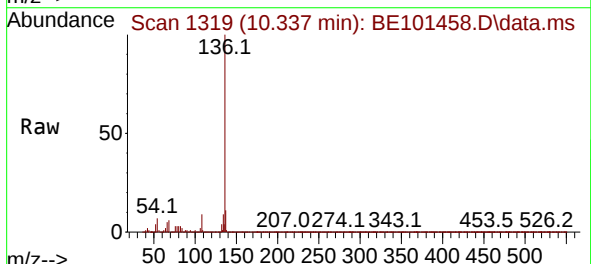
Instrument :
BNA_E
ClientSampleId :
BP-F26

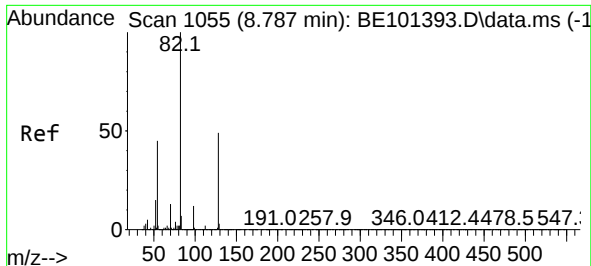
Tgt Ion: 99 Resp: 453437
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 29.9 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

Tgt Ion: 136 Resp: 247180
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.0 5.9 8.9
68 6.3 4.8 7.2

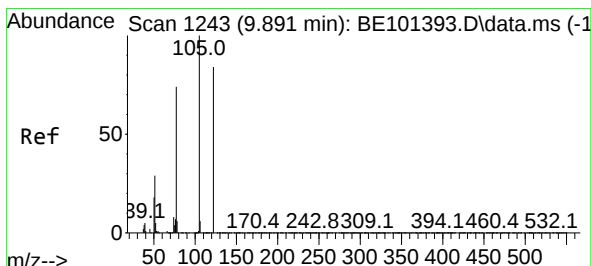
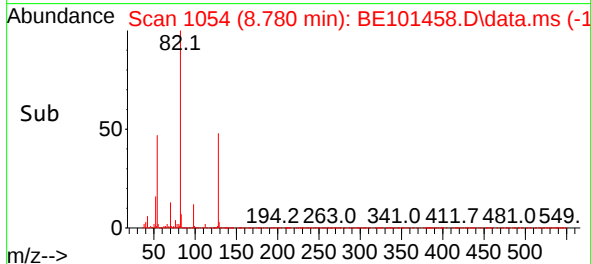
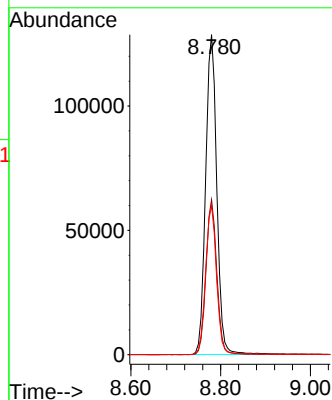
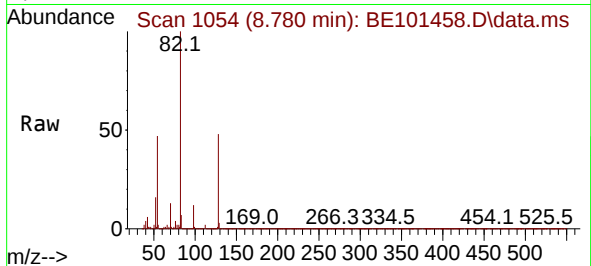




#23
Nitrobenzene-d5
Concen: 56.387 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

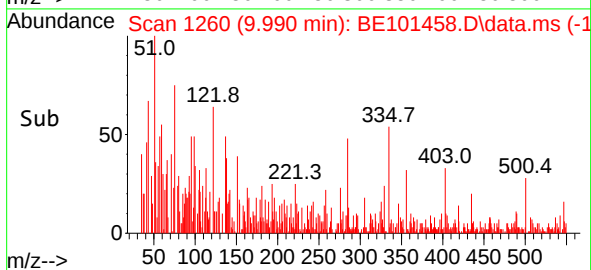
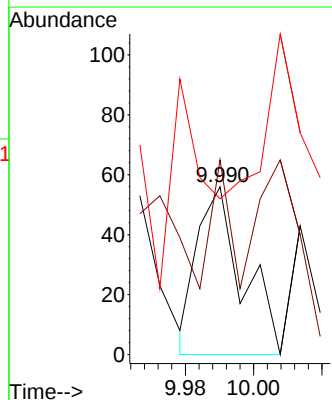
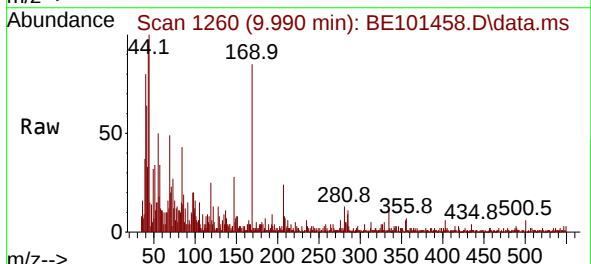
Instrument :
BNA_E
ClientSampleId :
BP-F26

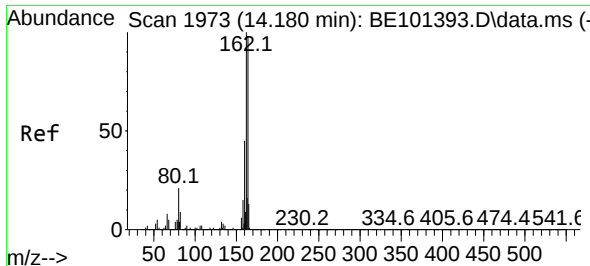
Tgt Ion: 82 Resp: 221907
Ion Ratio Lower Upper
82 100
128 48.4 38.9 58.3
54 46.6 36.2 54.4



#32
Benzoic acid
Concen: 8.232 ng
RT: 9.990 min Scan# 1260
Delta R.T. 0.099 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

Tgt Ion: 122 Resp: 51
Ion Ratio Lower Upper
122 100
105 116.1 97.9 137.9
77 92.9 68.1 108.1

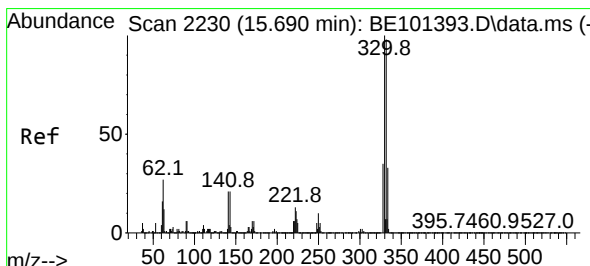
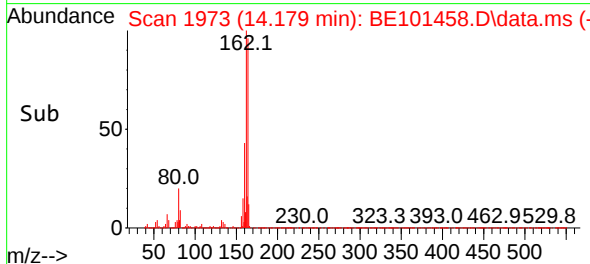
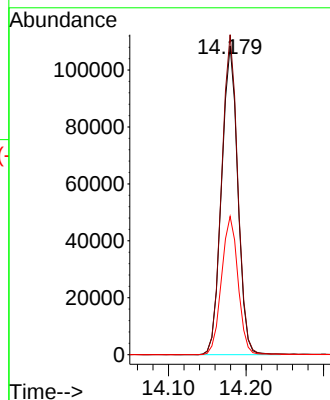
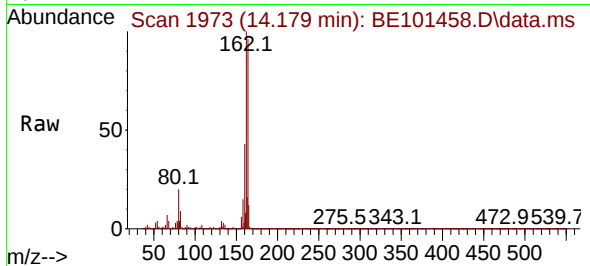




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

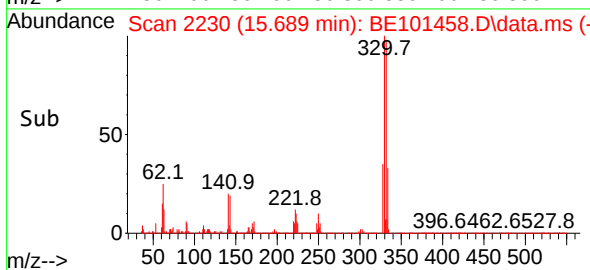
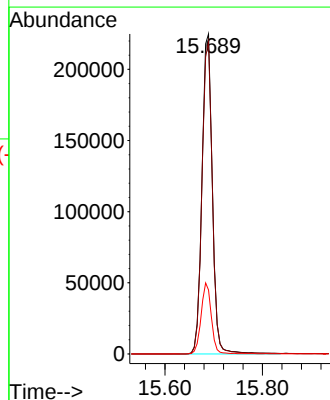
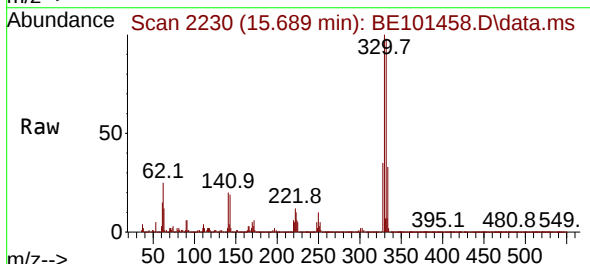
Instrument :
BNA_E
ClientSampleId :
BP-F26

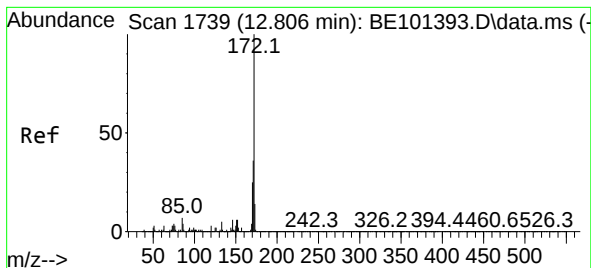
Tgt Ion:164 Resp: 157650
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 44.8 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 120.302 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

Tgt Ion:330 Resp: 332407
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.2
141 21.9 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 64.895 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101458.D

Acq: 4 Nov 2024 16:51

Instrument :

BNA_E

ClientSampleId :

BP-F26

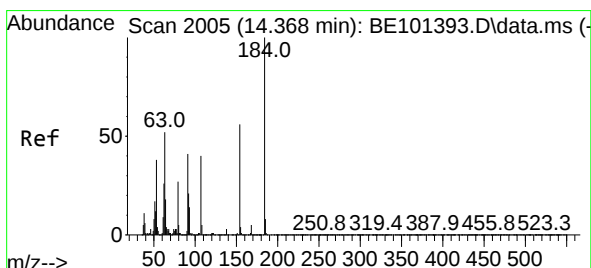
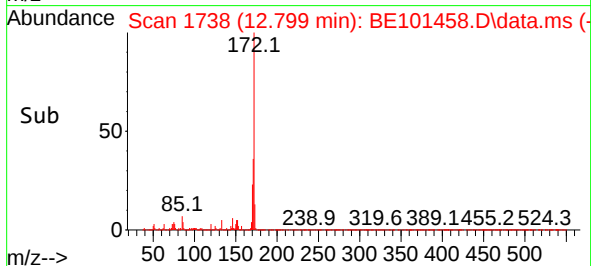
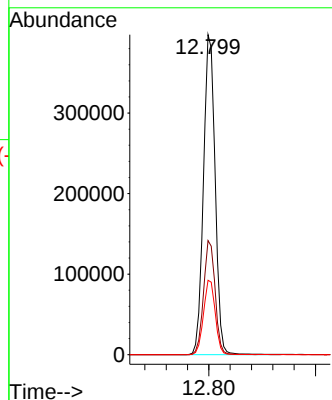
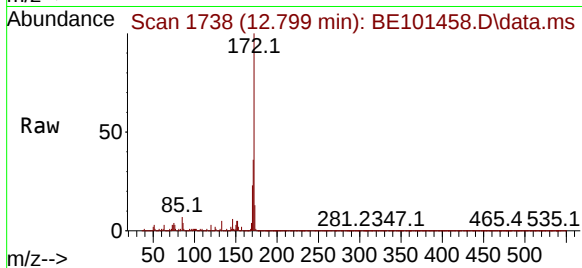
Tgt Ion:172 Resp: 604102

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.3 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.624 ng

RT: 14.373 min Scan# 2006

Delta R.T. 0.005 min

Lab File: BE101458.D

Acq: 4 Nov 2024 16:51

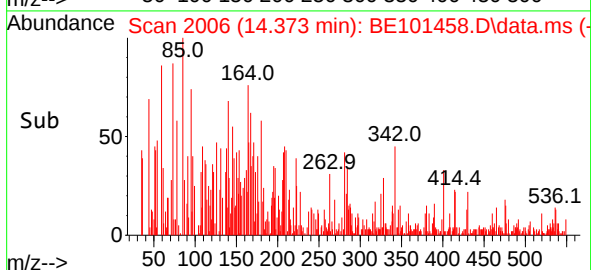
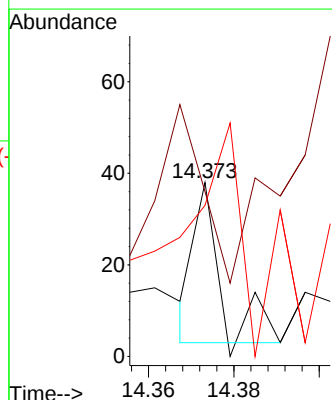
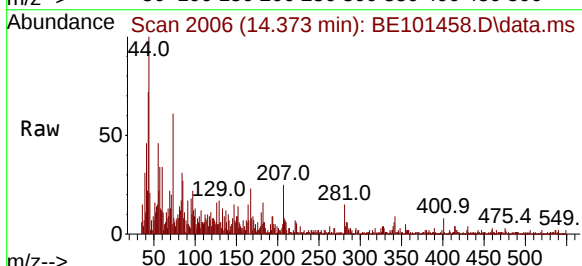
Tgt Ion:184 Resp: 15

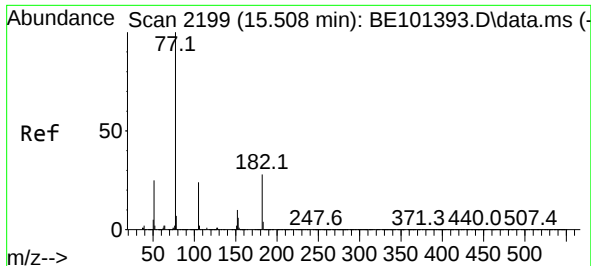
Ion Ratio Lower Upper

184 100

63 94.7 41.8 62.6#

154 86.8 44.9 67.3#

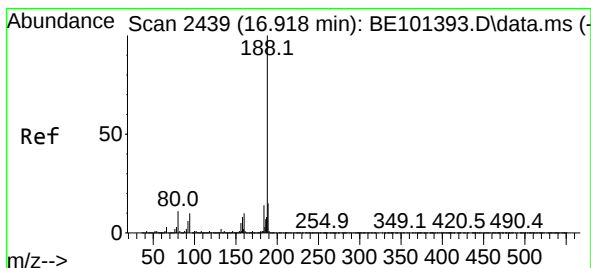
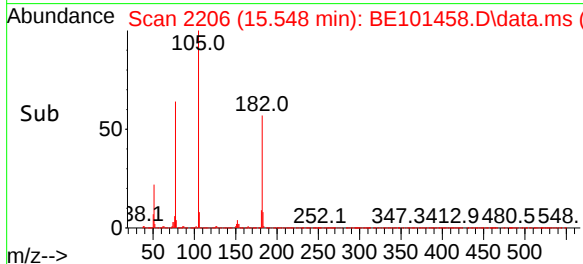
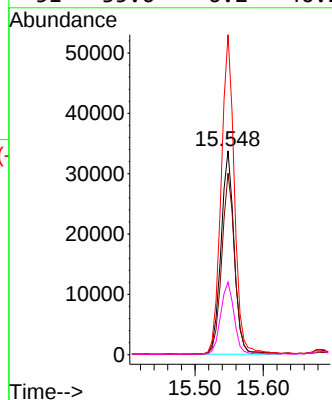
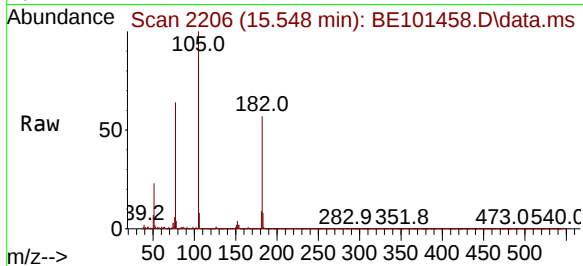




#63
Azobenzene
Concen: 4.540 ng
RT: 15.548 min Scan# 2199
Delta R.T. 0.040 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

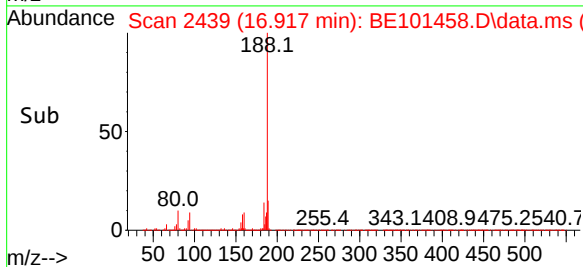
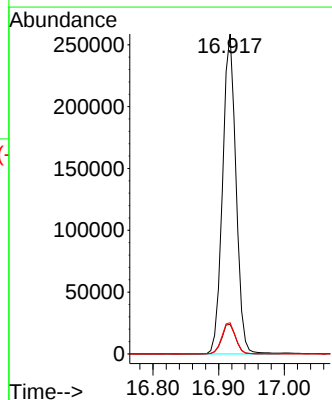
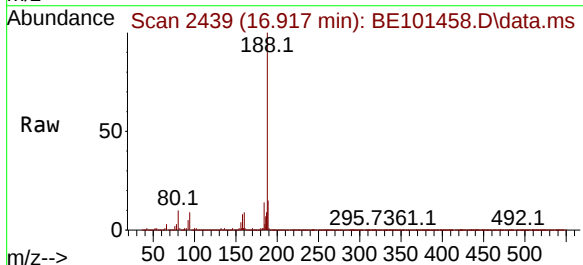
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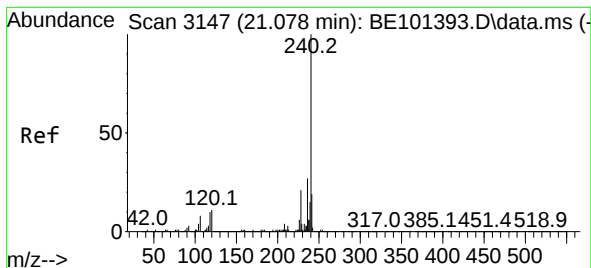
Tgt Ion: 77 Resp: 45422
Ion Ratio Lower Upper
77 100
182 89.0 7.6 47.6#
105 157.0 3.2 43.2#
51 35.6 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101458.D
Acq: 4 Nov 2024 16:51

Tgt Ion: 188 Resp: 365207
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.8
80 9.8 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: BE101458.D

Acq: 4 Nov 2024 16:51

Instrument :

BNA_E

ClientSampleId :

BP-F26

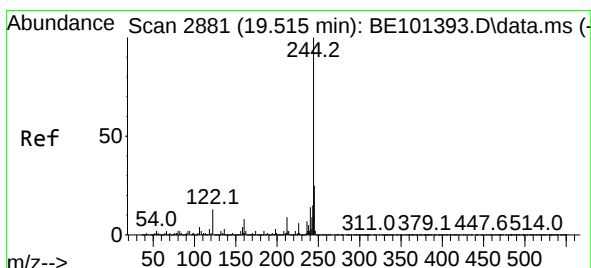
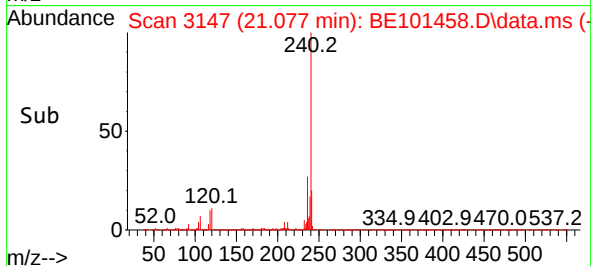
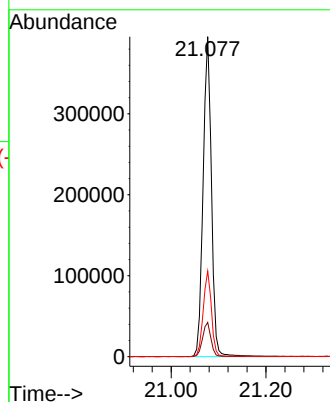
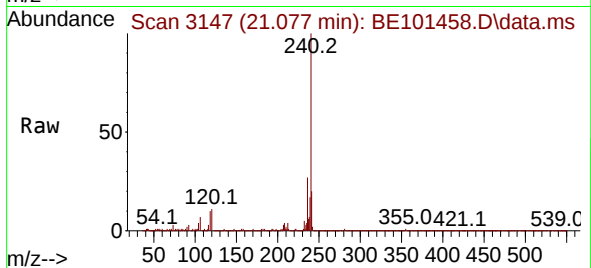
Tgt Ion:240 Resp: 482135

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 26.7 21.4 32.0



#79

Terphenyl-d14

Concen: 71.388 ng

RT: 19.508 min Scan# 2880

Delta R.T. -0.007 min

Lab File: BE101458.D

Acq: 4 Nov 2024 16:51

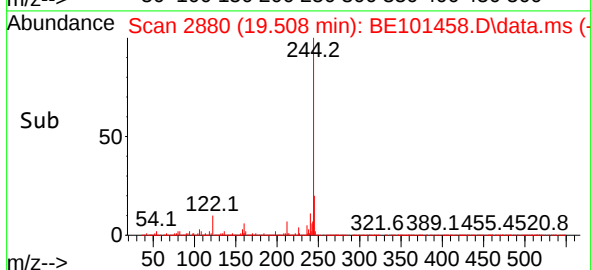
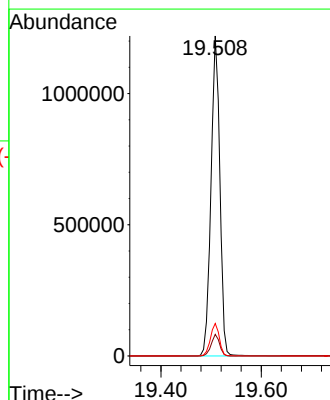
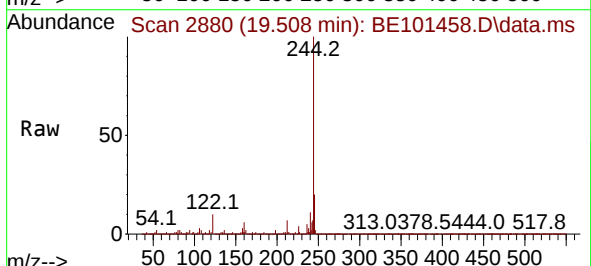
Tgt Ion:244 Resp: 1495449

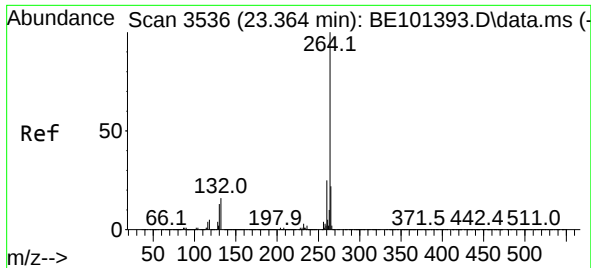
Ion Ratio Lower Upper

244 100

212 6.7 7.2 10.8#

122 10.2 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.369 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BE101458.D
 Acq: 4 Nov 2024 16:51

Instrument :
 BNA_E
 ClientSampleId :
 BP-F26

Tgt Ion:264 Resp: 685387
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 21.8 17.6 26.4

