

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101457.D
 Acq On : 4 Nov 2024 16:18
 Operator : RC/JU
 Sample : P4680-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F25

Quant Time: Nov 04 16:40:16 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)

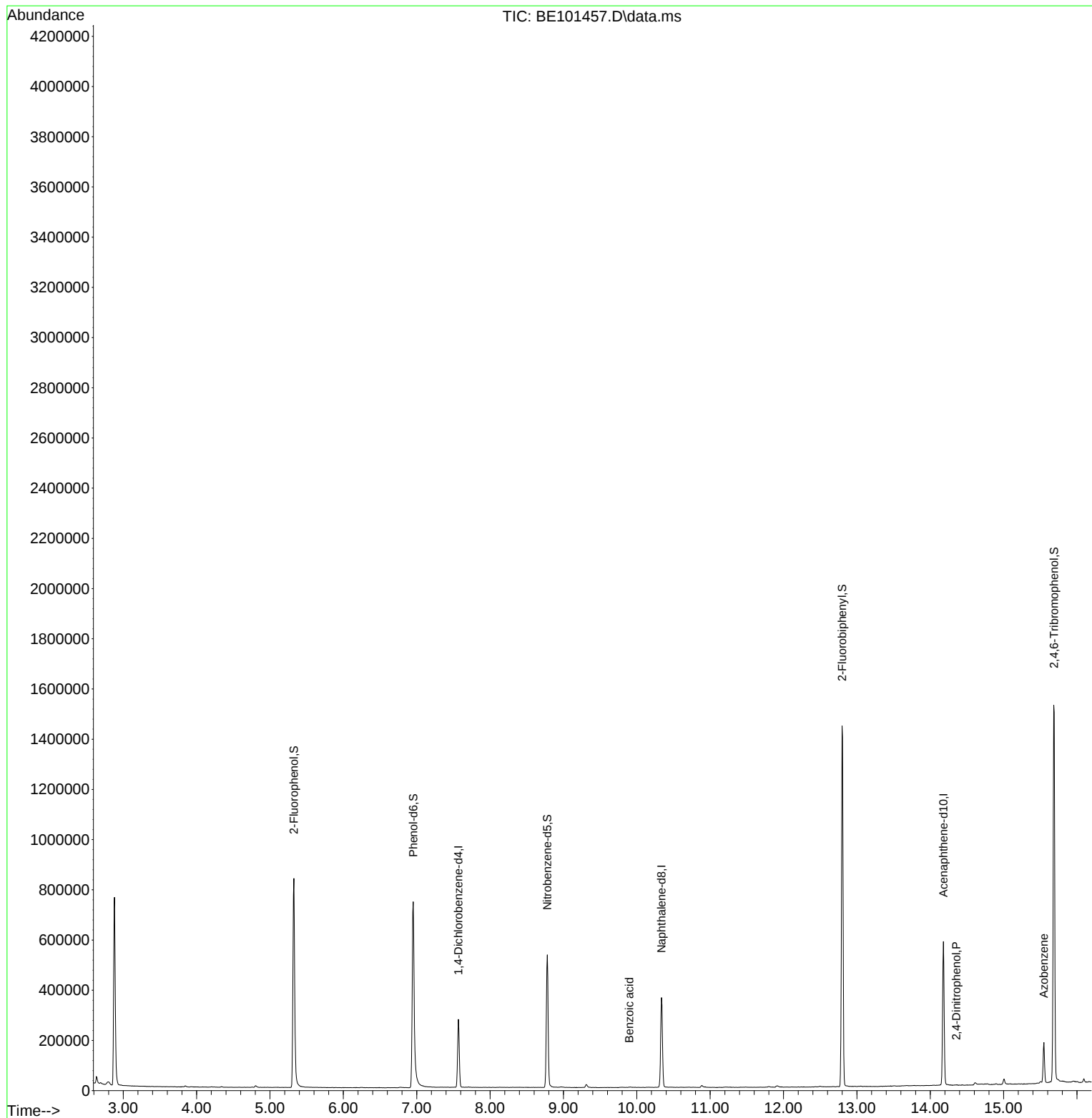
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	76632	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	312924	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	202325	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	466049	20.000	ng	0.00
76) Chrysene-d12	21.077	240	582784	20.000	ng	0.00
86) Perylene-d12	23.369	264	806913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	444344	101.627	ng	0.00
7) Phenol-d6	6.952	99	568550	93.779	ng	0.00
23) Nitrobenzene-d5	8.780	82	313998	63.025	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	381745	107.652	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	773834	64.773	ng	0.00
79) Terphenyl-d14	19.508	244	1739931	68.714	ng	0.00
Target Compounds						
32) Benzoic acid	9.896	122	101	8.241	ng	# 72
54) 2,4-Dinitrophenol	14.356	184	24	5.626	ng	# 1
63) Azobenzene	15.548	77	43654	3.400	ng	# 1

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

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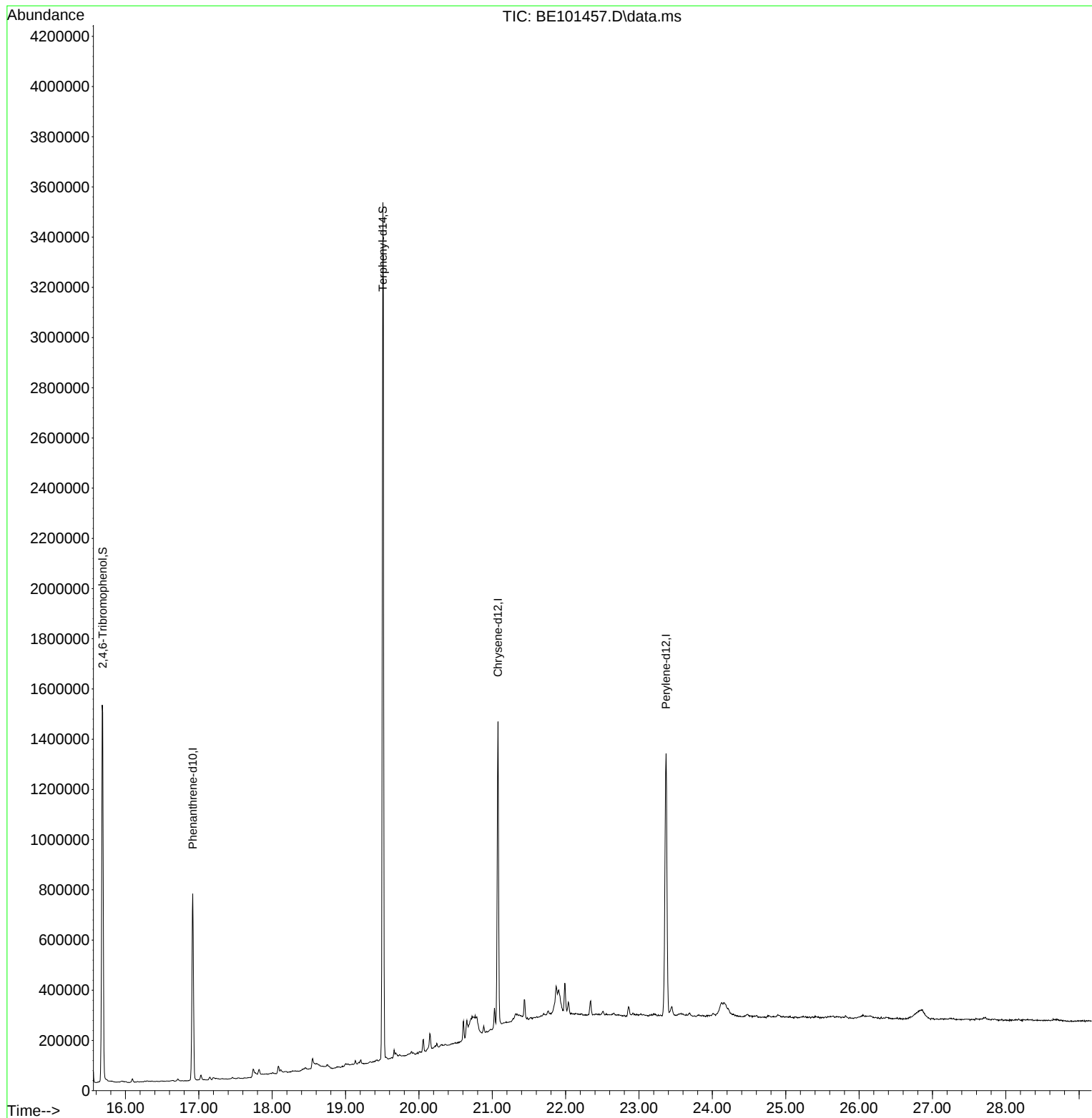
Quant Time: Nov 04 16:40:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

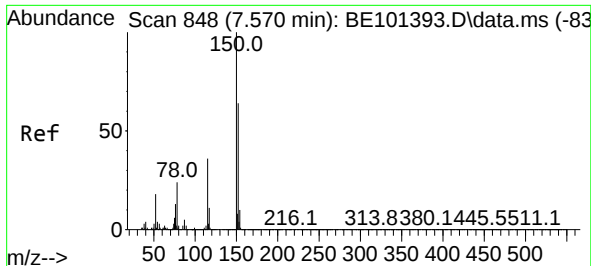


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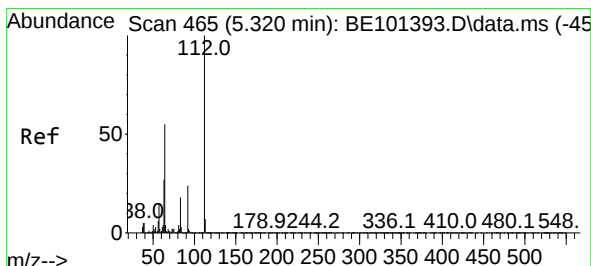
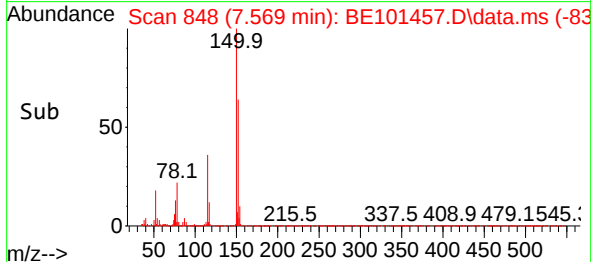
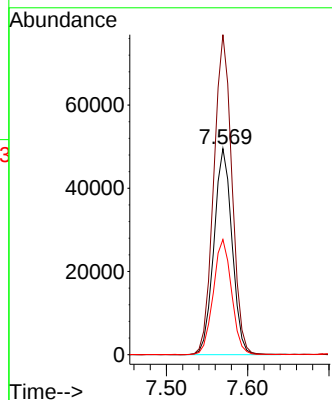
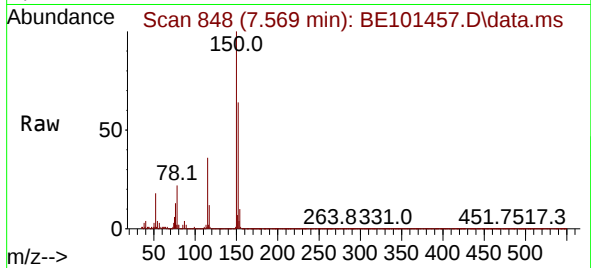




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

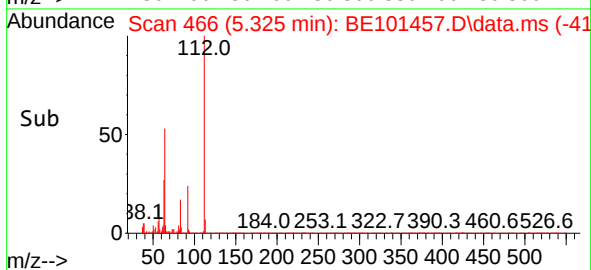
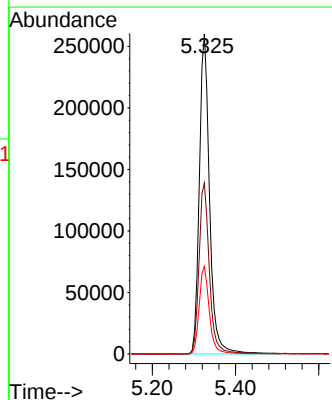
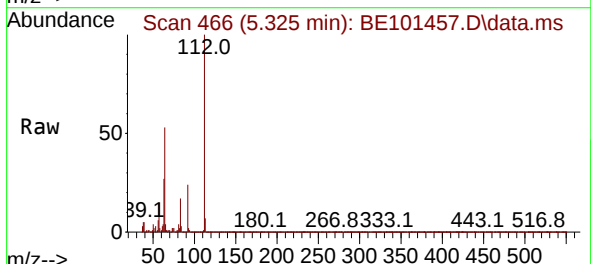
Instrument :
BNA_E
ClientSampleId :
BP-F25

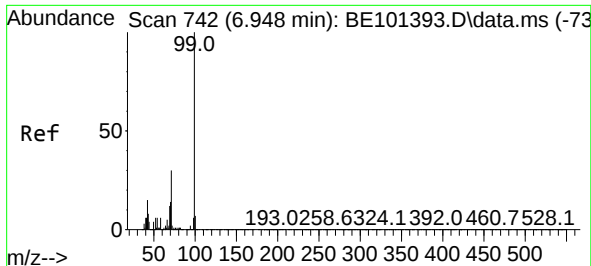
Tgt Ion:152 Resp: 76632
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 55.9 45.3 67.9



#5
2-Fluorophenol
Concen: 101.627 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:112 Resp: 444344
Ion Ratio Lower Upper
112 100
64 53.5 43.7 65.5
63 27.4 21.4 32.2

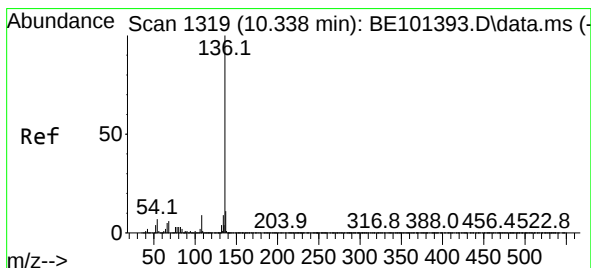
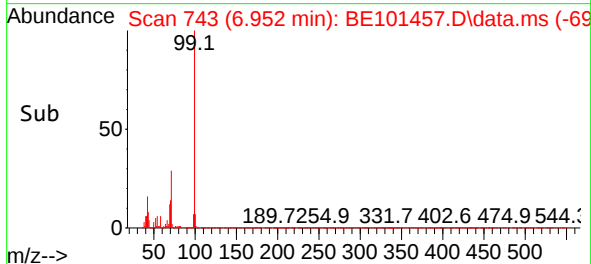
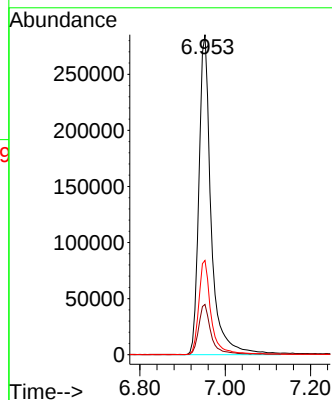
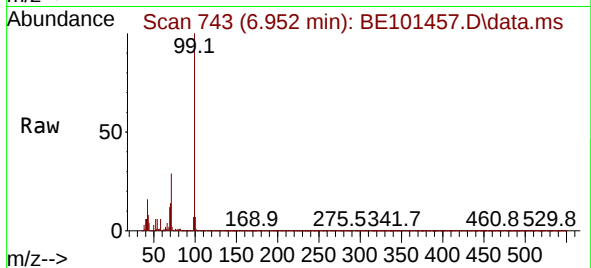




#7
Phenol-d6
Concen: 93.779 ng
RT: 6.952 min Scan# 742
Delta R.T. 0.005 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

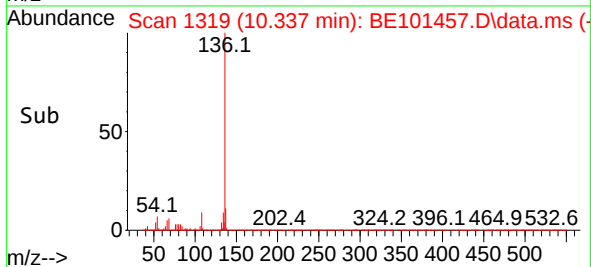
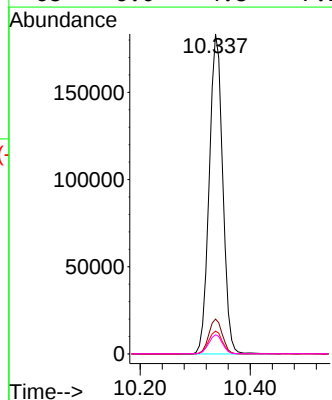
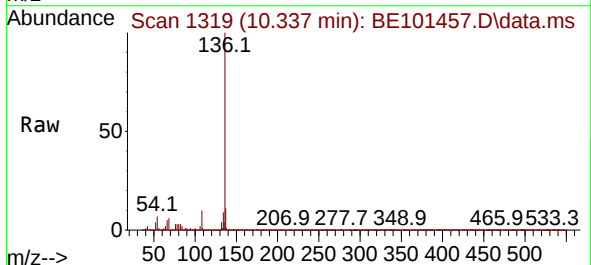
Instrument :
BNA_E
ClientSampleId :
BP-F25

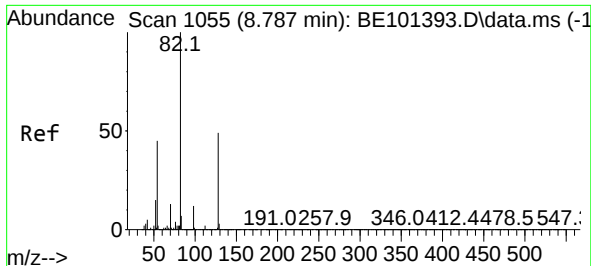
Tgt Ion: 99 Resp: 568550
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 29.5 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion: 136 Resp: 312924
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.2 5.9 8.9
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.025 ng

RT: 8.780 min Scan# 1055

Delta R.T. -0.007 min

Lab File: BE101457.D

Acq: 4 Nov 2024 16:18

Instrument :

BNA_E

ClientSampleId :

BP-F25

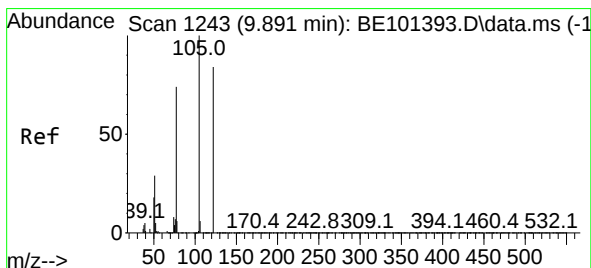
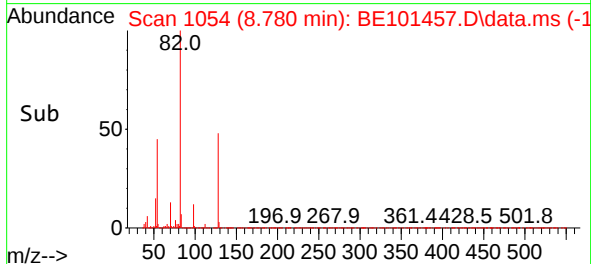
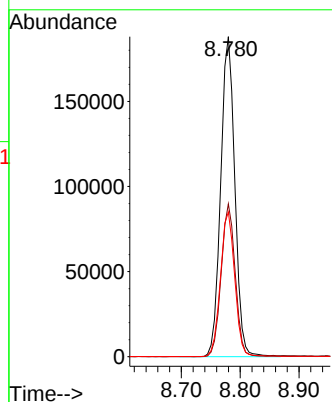
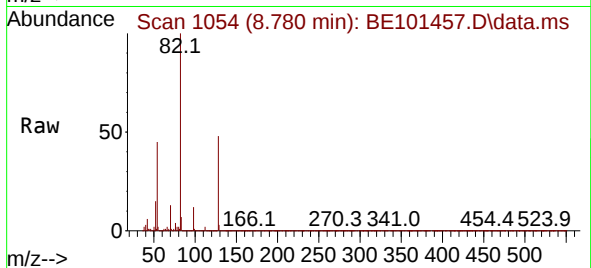
Tgt Ion: 82 Resp: 313998

Ion Ratio Lower Upper

82 100

128 47.8 38.9 58.3

54 45.2 36.2 54.4



#32

Benzoic acid

Concen: 8.241 ng

RT: 9.896 min Scan# 1244

Delta R.T. 0.005 min

Lab File: BE101457.D

Acq: 4 Nov 2024 16:18

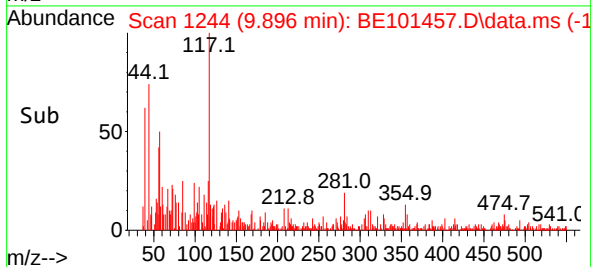
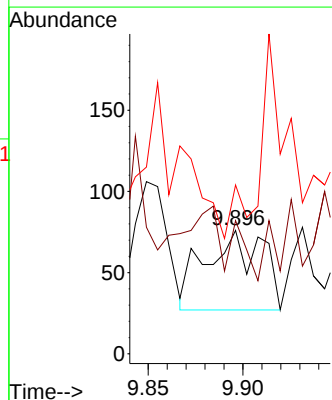
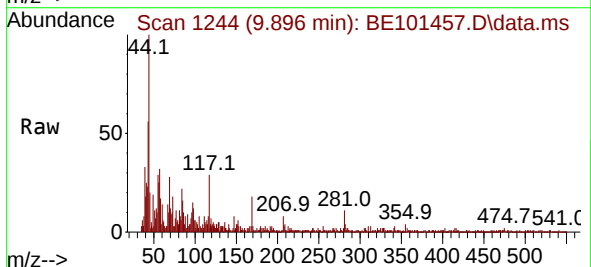
Tgt Ion: 122 Resp: 101

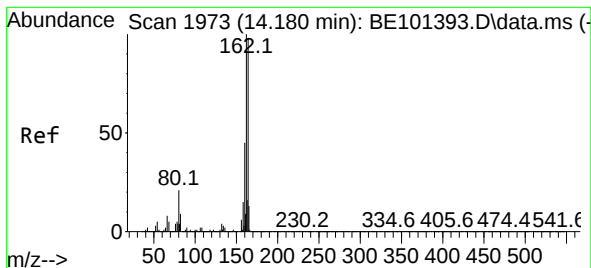
Ion Ratio Lower Upper

122 100

105 107.9 97.9 137.9

77 136.8 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: BE101457.D

Acq: 4 Nov 2024 16:18

Instrument :

BNA_E

ClientSampleId :

BP-F25

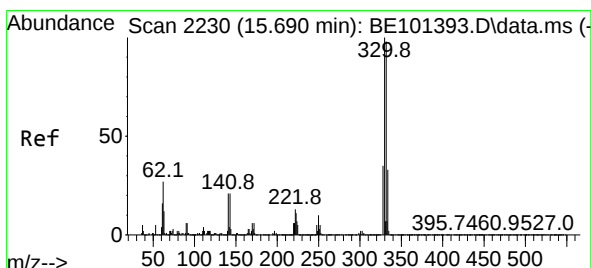
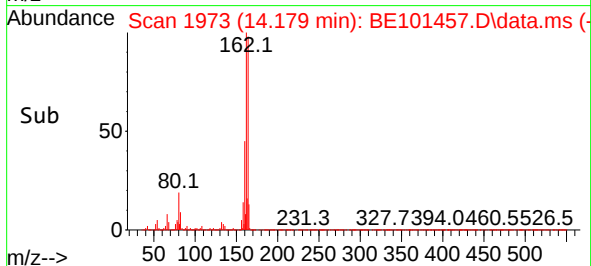
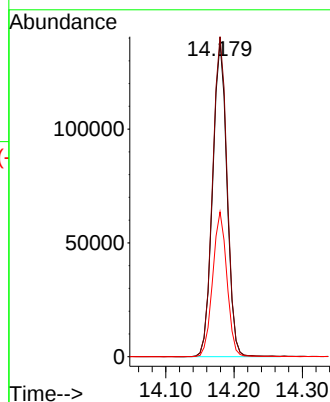
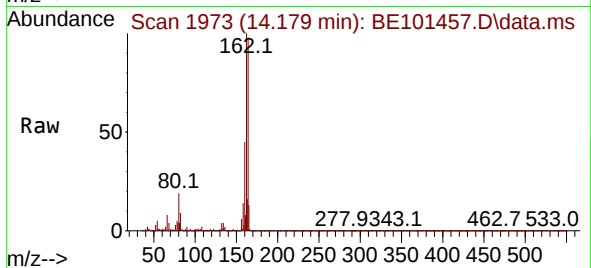
Tgt Ion:164 Resp: 202325

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 46.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 107.652 ng

RT: 15.689 min Scan# 2230

Delta R.T. -0.001 min

Lab File: BE101457.D

Acq: 4 Nov 2024 16:18

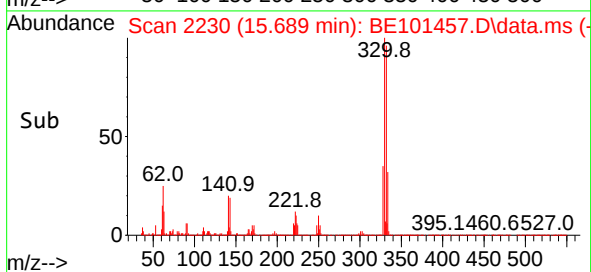
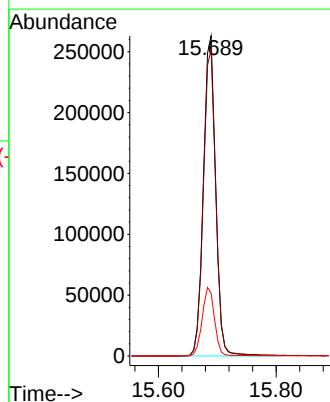
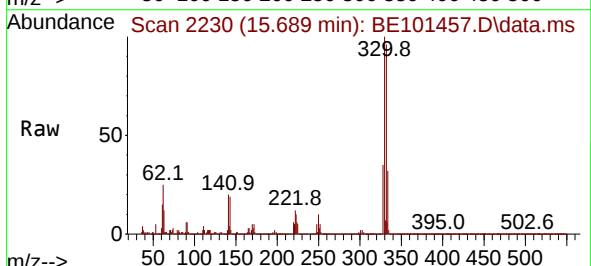
Tgt Ion:330 Resp: 381745

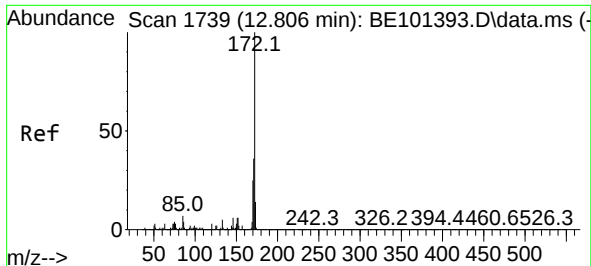
Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

141 21.5 18.3 27.5

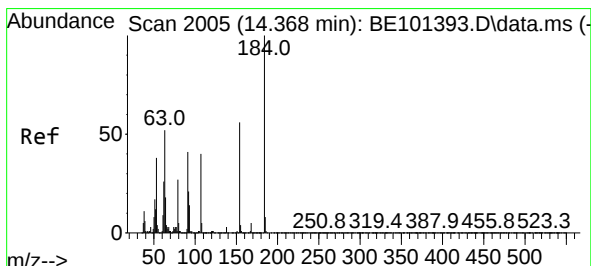
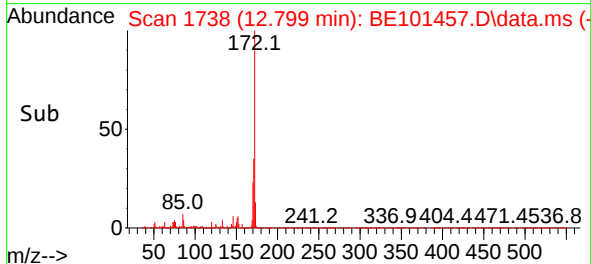
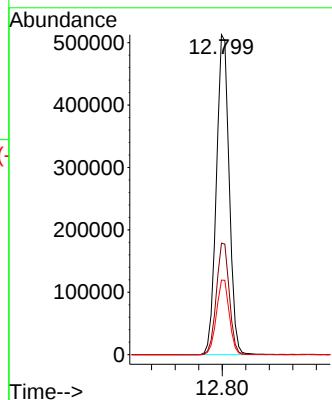
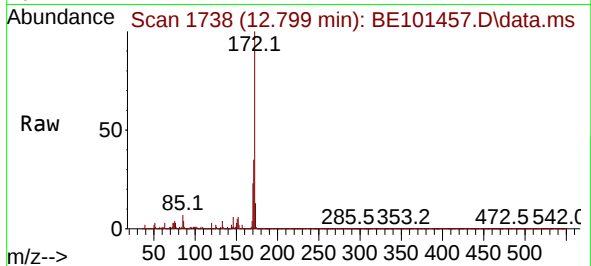




#45
2-Fluorobiphenyl
Concen: 64.773 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.007 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

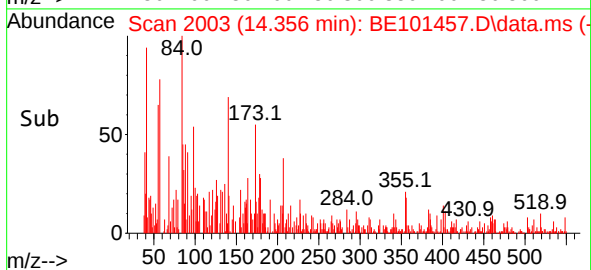
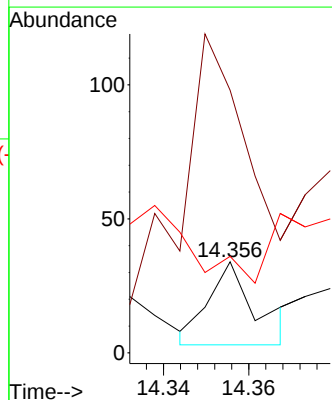
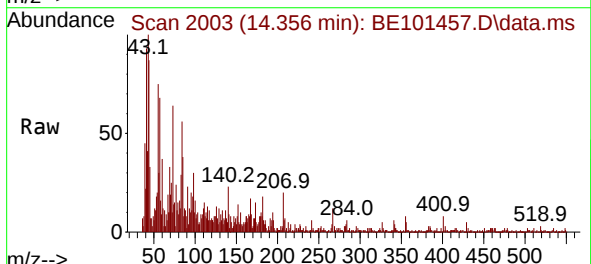
Instrument :
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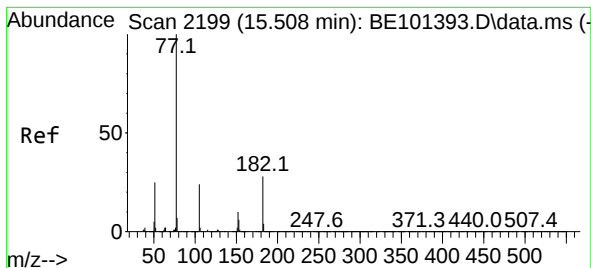
Tgt Ion:172	Resp:	773834	
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.2	43.8
170	23.3	19.8	29.6



#54
2,4-Dinitrophenol
Concen: 5.626 ng
RT: 14.356 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BE101457.D
Acq: 4 Nov 2024 16:18

Tgt Ion:184	Resp:	24	
Ion	Ratio	Lower	Upper
184	100		
63	288.2	41.8	62.6#
154	105.9	44.9	67.3#





#63

Azobenzene

Concen: 3.400 ng

RT: 15.548 min Scan# 2199

Delta R.T. 0.040 min

Lab File: BE101457.D

Acq: 4 Nov 2024 16:18

Instrument :

BNA_E

ClientSampleId :

BP-F25

Tgt Ion: 77 Resp: 43654

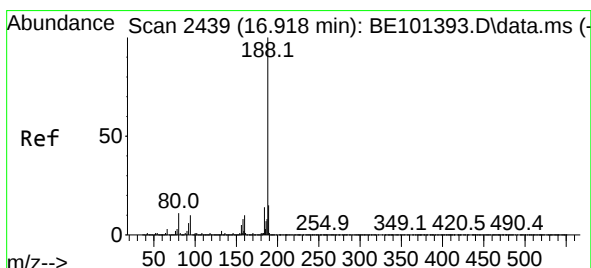
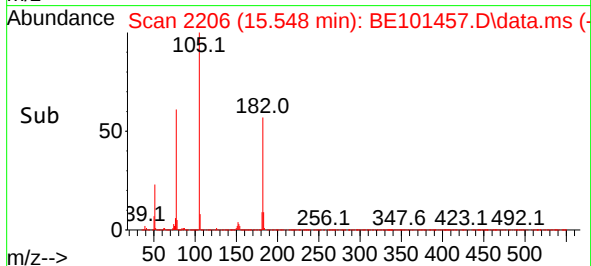
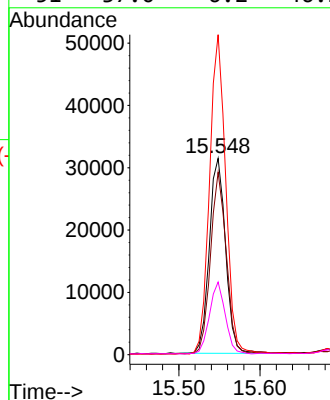
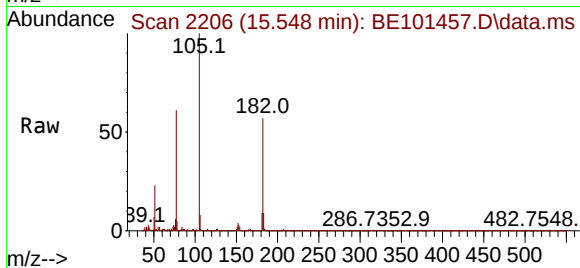
Ion Ratio Lower Upper

77 100

182 92.8 7.6 47.6#

105 162.9 3.2 43.2#

51 37.0 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: BE101457.D

Acq: 4 Nov 2024 16:18

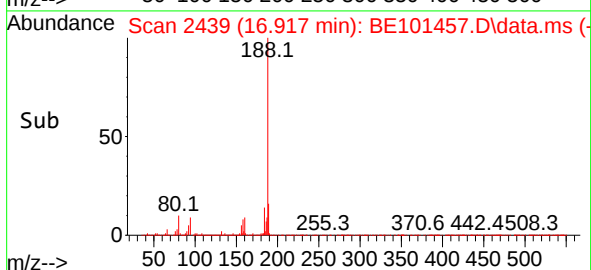
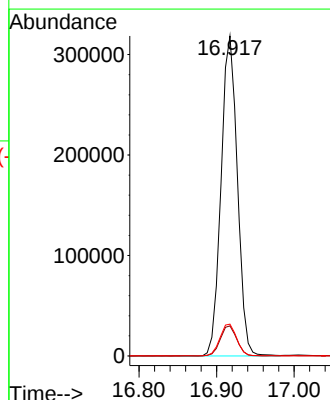
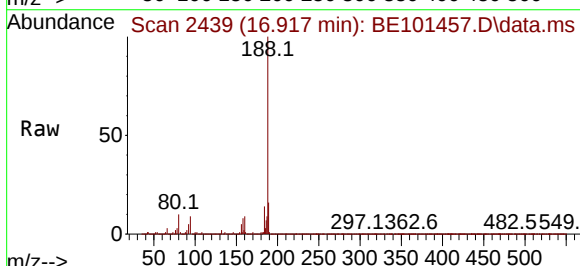
Tgt Ion:188 Resp: 466049

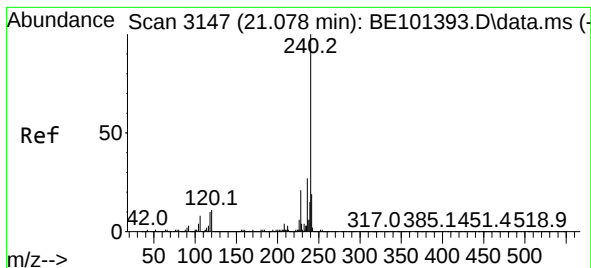
Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

80 9.9 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: BE101457.D

Acq: 4 Nov 2024 16:18

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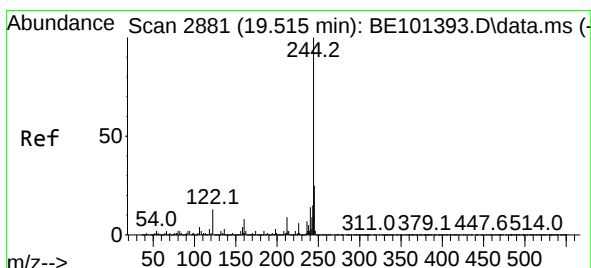
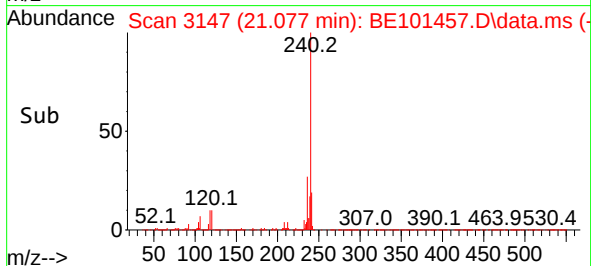
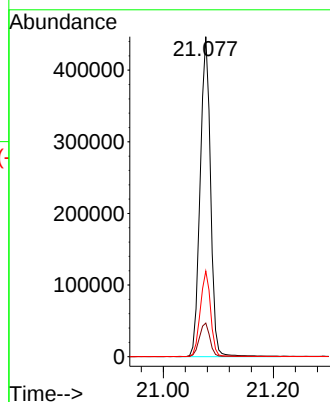
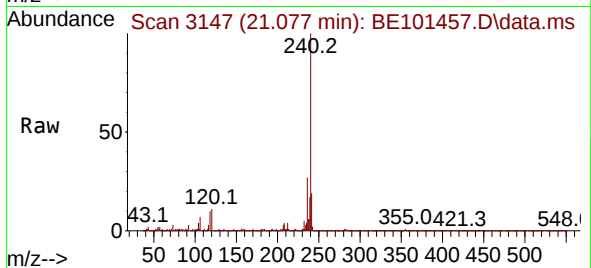
Tgt Ion:240 Resp: 582784

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.4

236 26.8 21.4 32.0



#79

Terphenyl-d14

Concen: 68.714 ng

RT: 19.508 min Scan# 2880

Delta R.T. -0.007 min

Lab File: BE101457.D

Acq: 4 Nov 2024 16:18

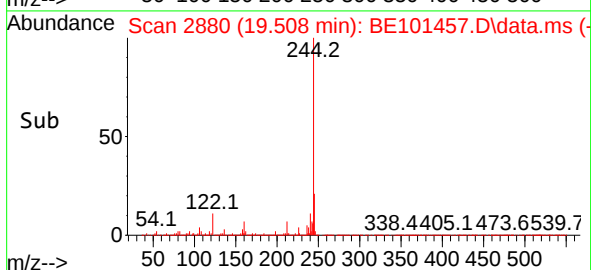
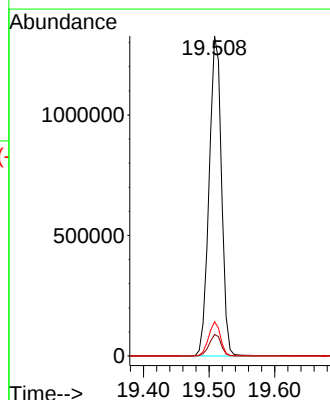
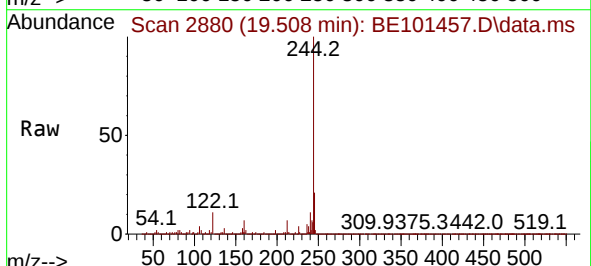
Tgt Ion:244 Resp: 1739931

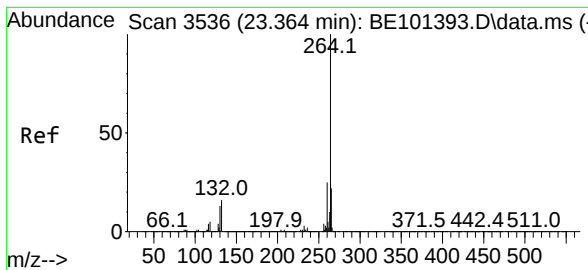
Ion Ratio Lower Upper

244 100

212 6.7 7.2 10.8#

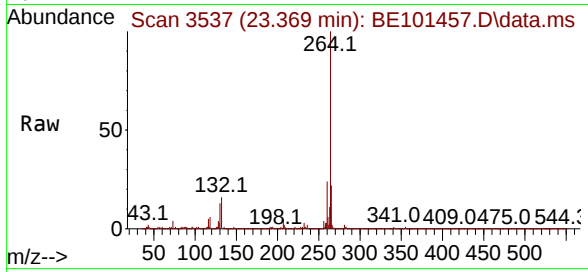
122 10.7 10.4 15.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.369 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BE101457.D
 Acq: 4 Nov 2024 16:18

Instrument :
 BNA_E
 ClientSampleId :
 BP-F25



Tgt Ion:264 Resp: 806913
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 22.1 17.6 26.4

