

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101477.D
 Acq On : 5 Nov 2024 13:56
 Operator : RC/JU
 Sample : P4675-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 13:46:06 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)

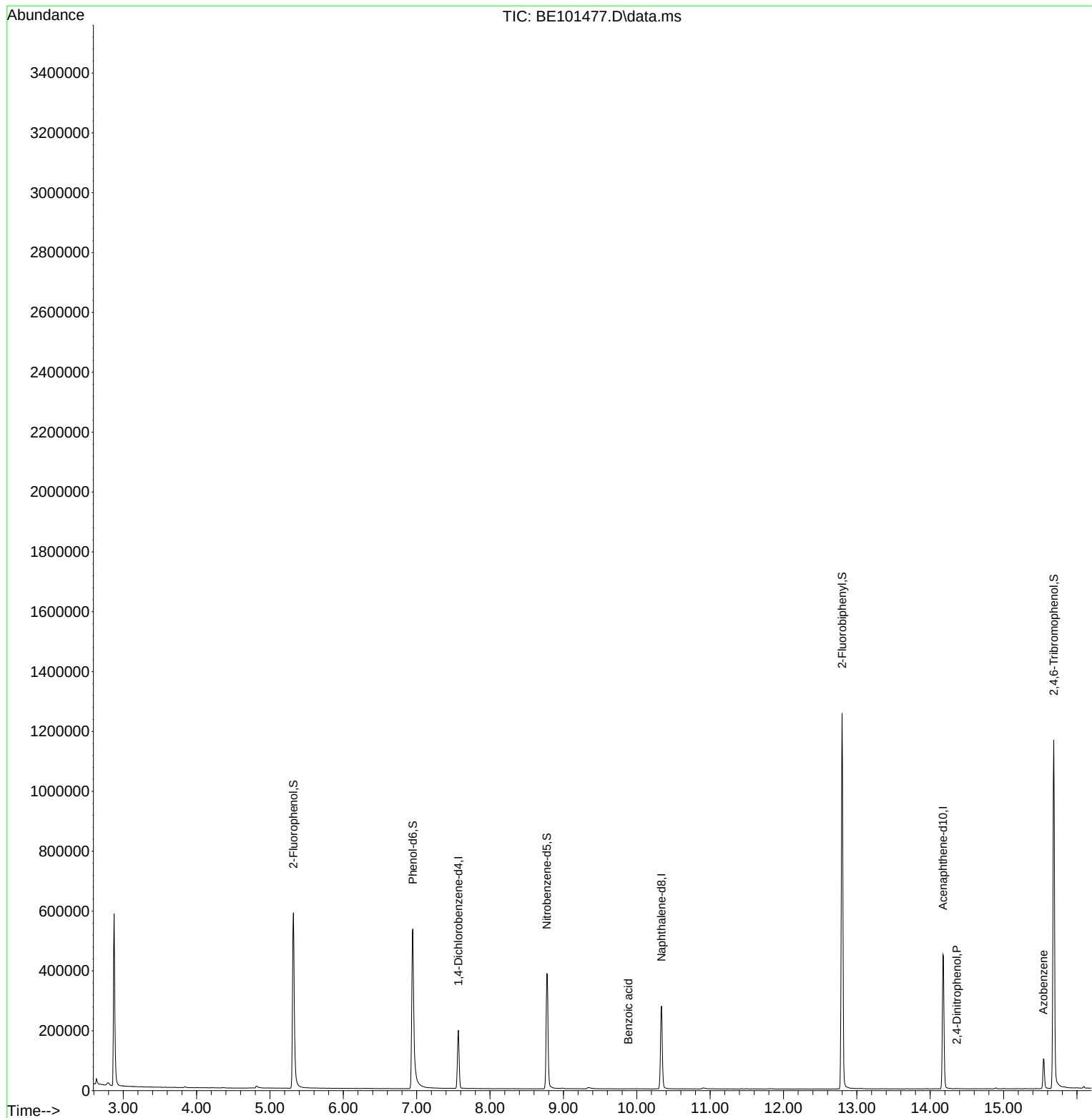
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	56416	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	246833	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	168866	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	390418	20.000	ng	0.00
76) Chrysene-d12	21.072	240	464212	20.000	ng	0.00
86) Perylene-d12	23.363	264	593646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	321139	99.768	ng	0.00
7) Phenol-d6	6.947	99	439372	98.441	ng	0.00
23) Nitrobenzene-d5	8.774	82	245890	62.569	ng	-0.01
42) 2,4,6-Tribromophenol	15.684	330	303995	102.712	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	689713	69.170	ng	0.00
79) Terphenyl-d14	19.509	244	1507523	74.743	ng	0.00
Target Compounds						
32) Benzoic acid	9.885	122	9	8.218	ng	# 22
54) 2,4-Dinitrophenol	14.362	184	15	5.624	ng	# 1
63) Azobenzene	15.543	77	30407	2.837	ng	# 1

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

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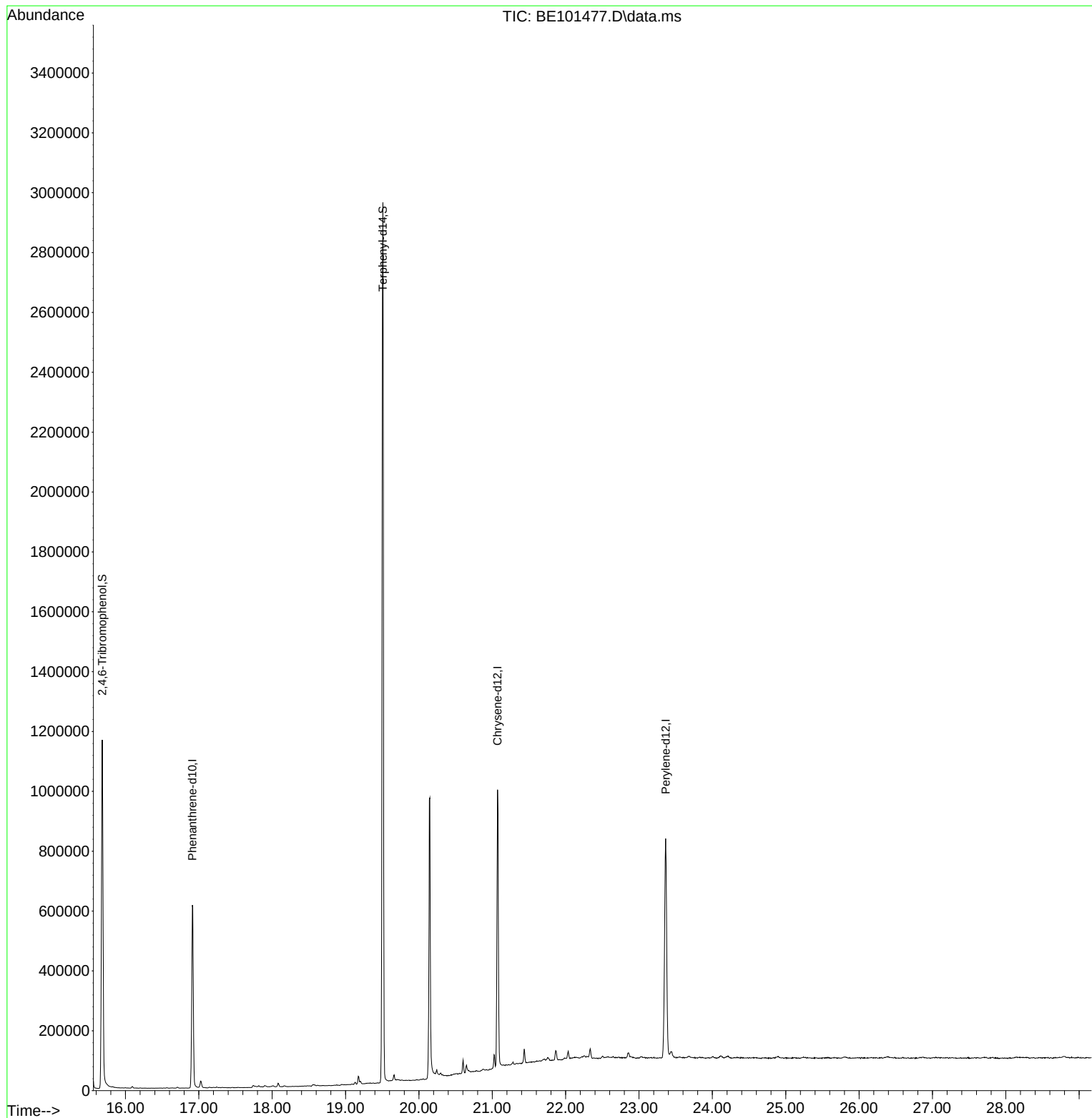
Quant Time: Nov 05 13:46:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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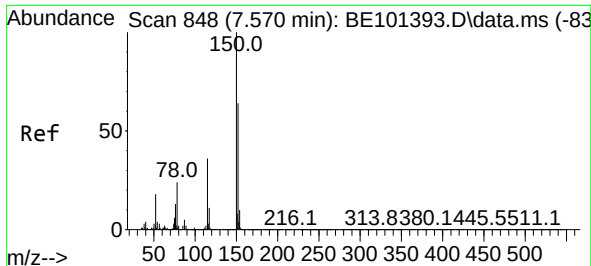


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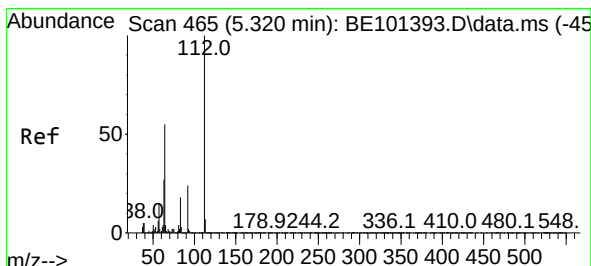
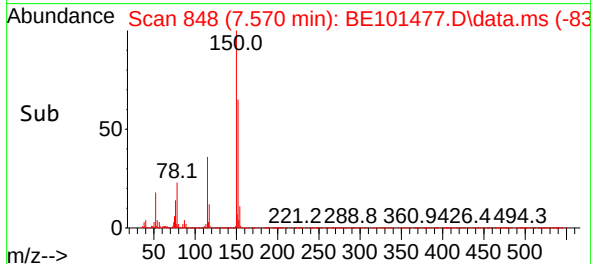
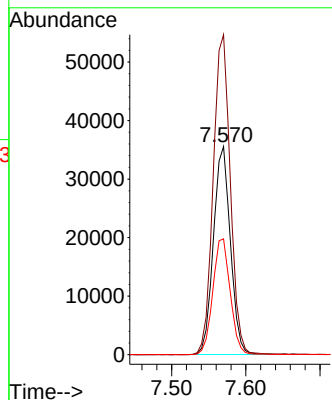
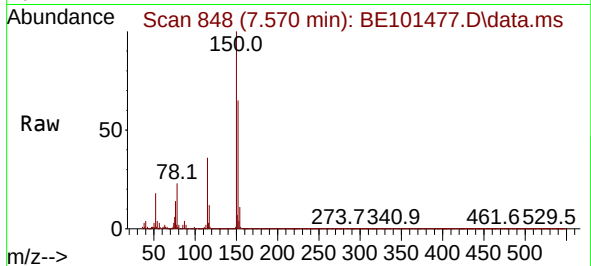




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101477.D
Acq: 5 Nov 2024 13:56

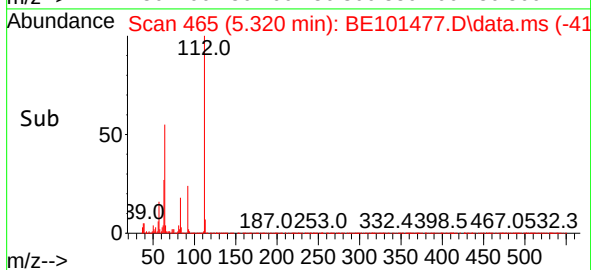
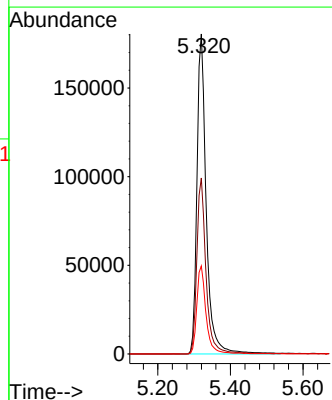
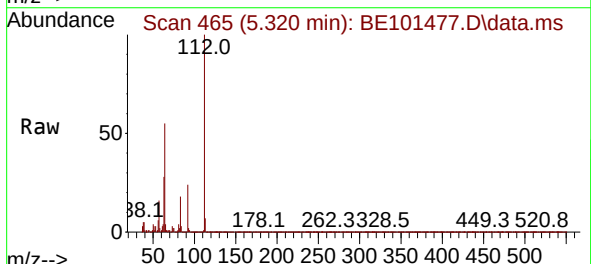
Instrument :
BNA_E
ClientSampleId :

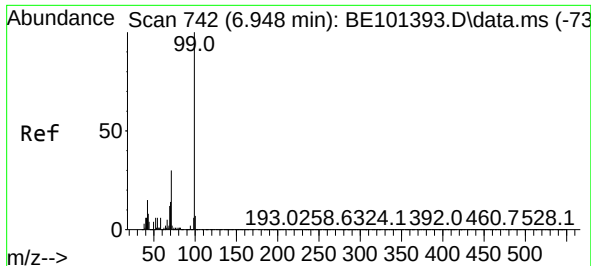
Tgt Ion:152 Resp: 56416
Ion Ratio Lower Upper
152 100
150 153.7 124.2 186.4
115 55.6 45.3 67.9



#5
2-Fluorophenol
Concen: 99.768 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101477.D
Acq: 5 Nov 2024 13:56

Tgt Ion:112 Resp: 321139
Ion Ratio Lower Upper
112 100
64 55.0 43.7 65.5
63 27.5 21.4 32.2

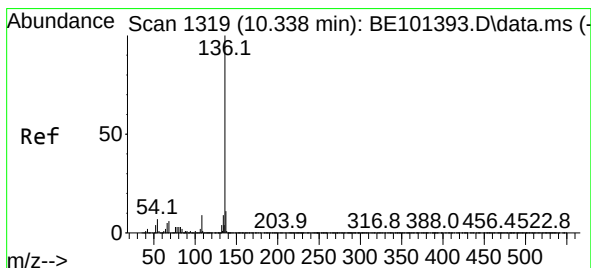
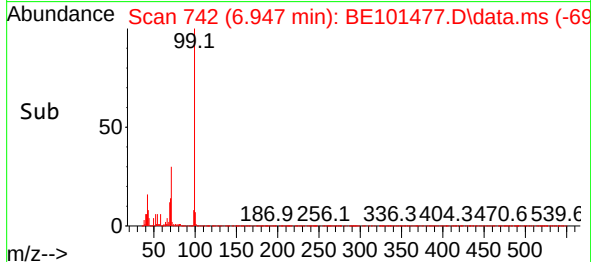
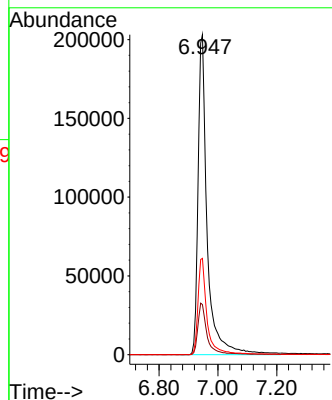
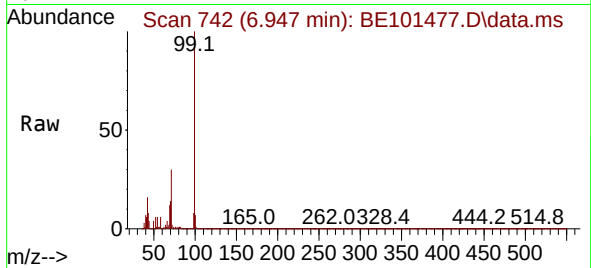




#7
Phenol-d6
Concen: 98.441 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101477.D
Acq: 5 Nov 2024 13:56

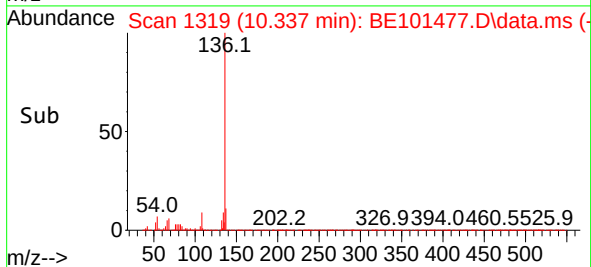
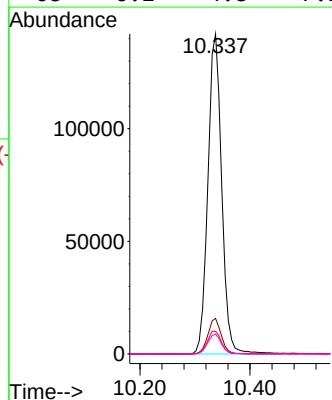
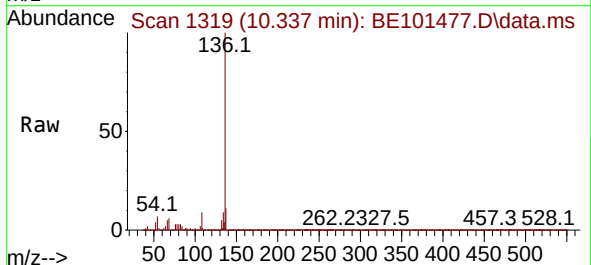
Instrument :
BNA_E
ClientSampleId :

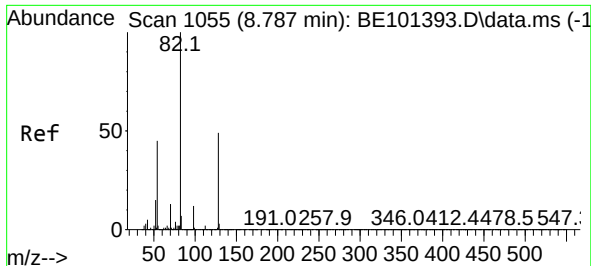
Tgt Ion: 99 Resp: 439372
Ion Ratio Lower Upper
99 100
42 15.6 12.3 18.5
71 30.1 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101477.D
Acq: 5 Nov 2024 13:56

Tgt Ion:136 Resp: 246833
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.1 5.9 8.9
68 6.2 4.8 7.2

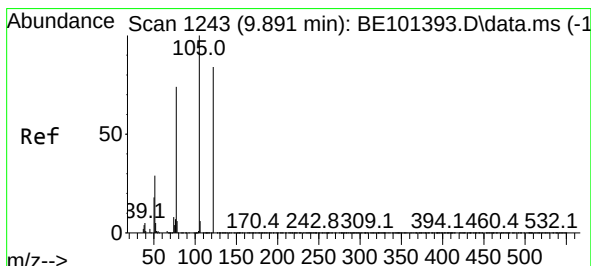
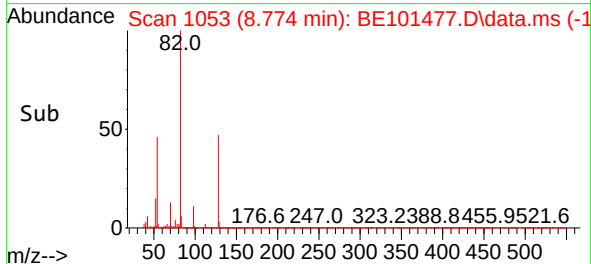
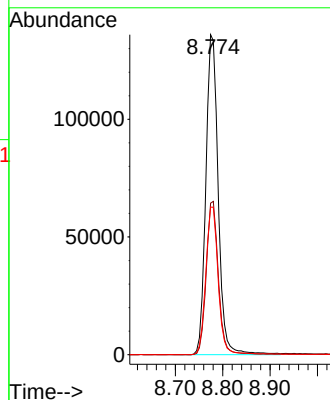
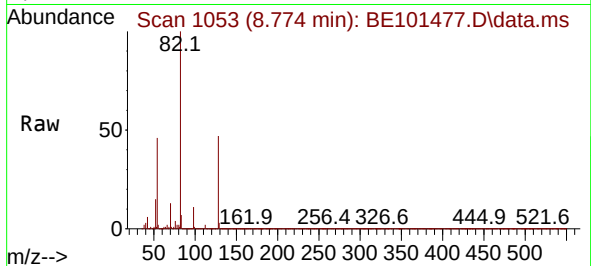




#23
Nitrobenzene-d5
Concen: 62.569 ng
RT: 8.774 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BE101477.D
Acq: 5 Nov 2024 13:56

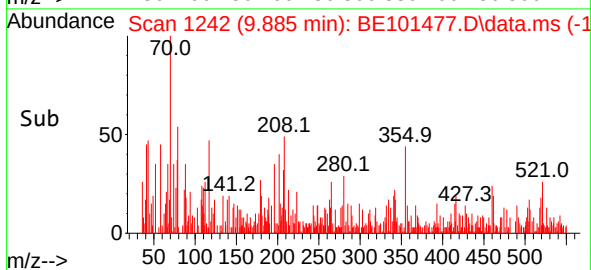
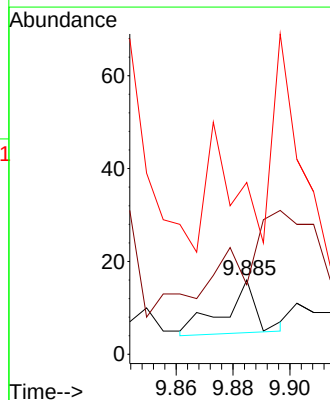
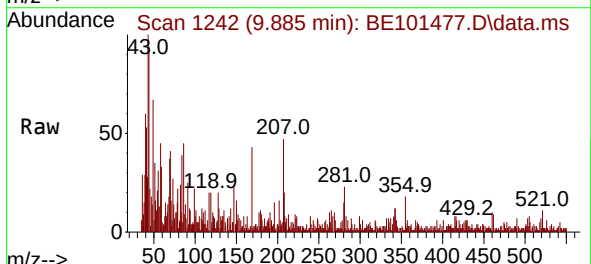
Instrument :
BNA_E
ClientSampleId :

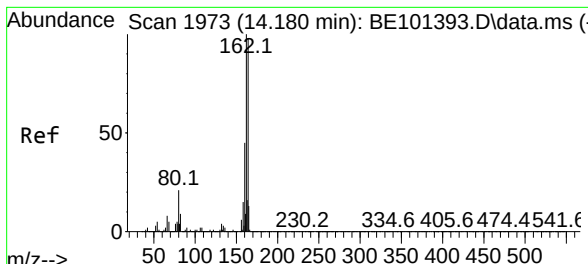
Tgt Ion: 82 Resp: 245890
Ion Ratio Lower Upper
82 100
128 47.4 38.9 58.3
54 46.1 36.2 54.4



#32
Benzoic acid
Concen: 8.218 ng
RT: 9.885 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BE101477.D
Acq: 5 Nov 2024 13:56

Tgt Ion: 122 Resp: 9
Ion Ratio Lower Upper
122 100
105 93.8 97.9 137.9#
77 231.3 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.174 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

Instrument :

BNA_E

ClientSampleId :

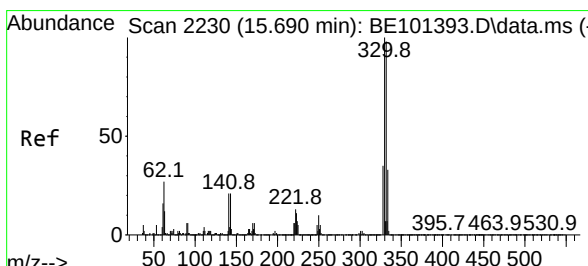
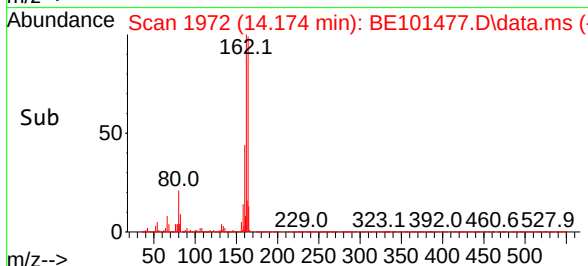
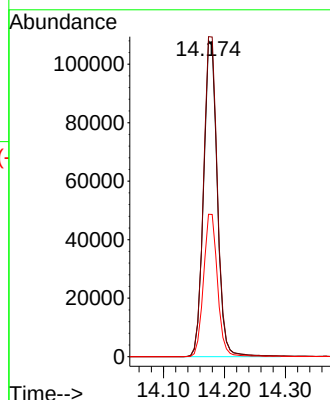
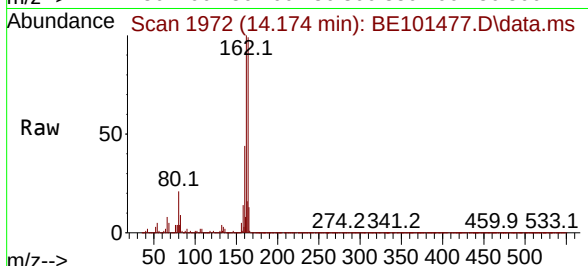
Tgt Ion:164 Resp: 168866

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 45.0 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 102.712 ng

RT: 15.684 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

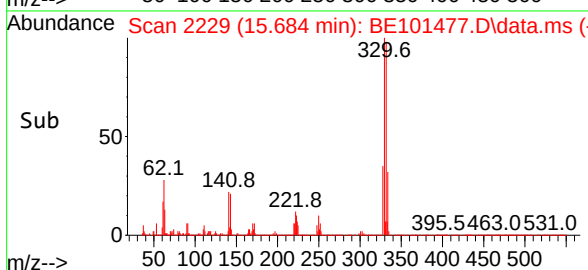
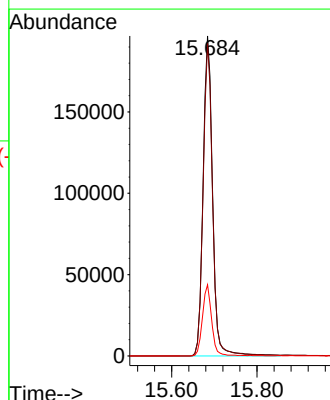
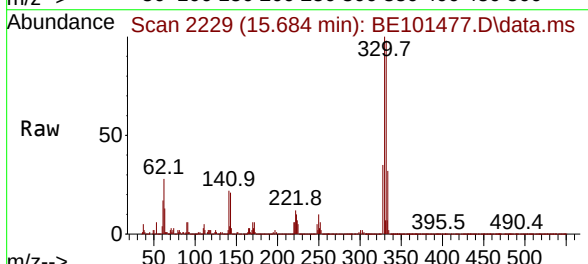
Tgt Ion:330 Resp: 303995

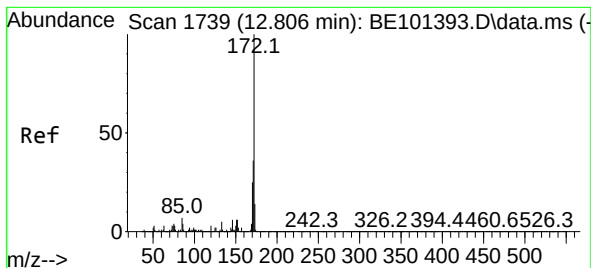
Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

141 21.6 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 69.170 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

Instrument :

BNA_E

ClientSampleId :

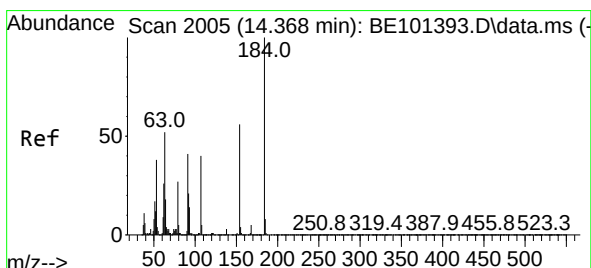
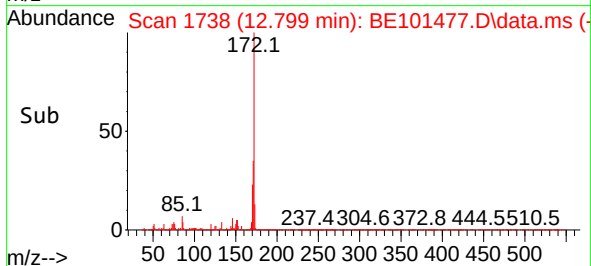
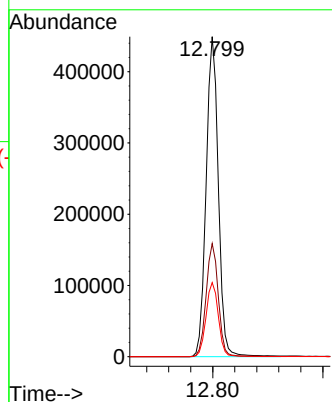
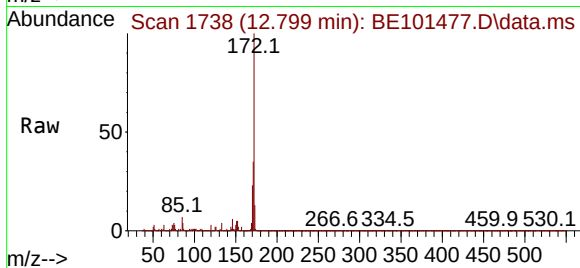
Tgt Ion:172 Resp: 689713

Ion Ratio Lower Upper

172 100

171 35.3 29.2 43.8

170 23.2 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.624 ng

RT: 14.362 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

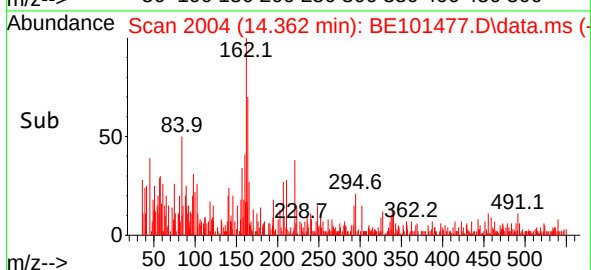
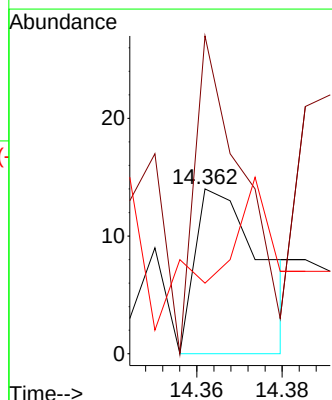
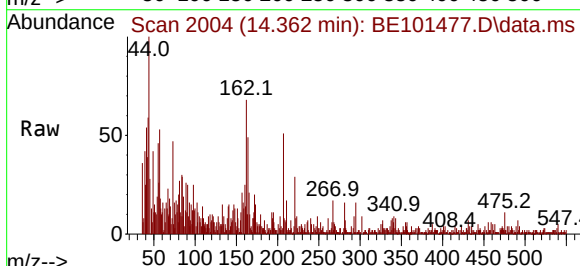
Tgt Ion:184 Resp: 15

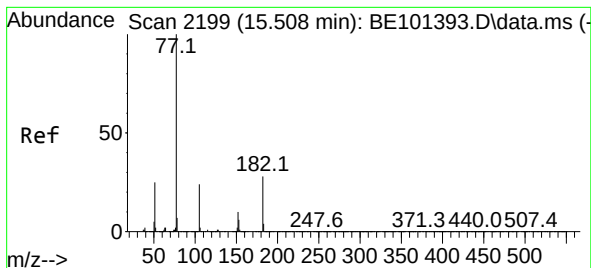
Ion Ratio Lower Upper

184 100

63 278.6 41.8 62.6#

154 42.9 44.9 67.3#





#63

Azobenzene

Concen: 2.837 ng

RT: 15.543 min Scan# 2199

Delta R.T. 0.035 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 77 Resp: 30407

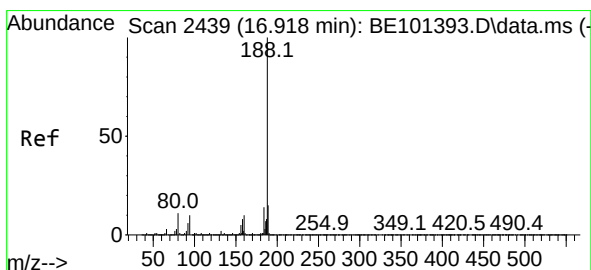
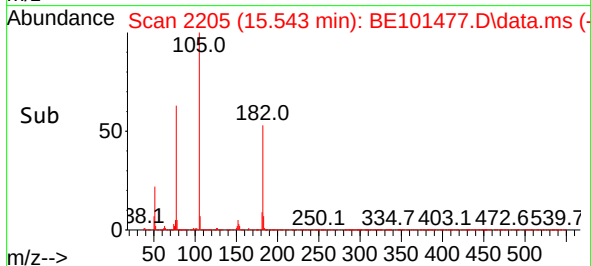
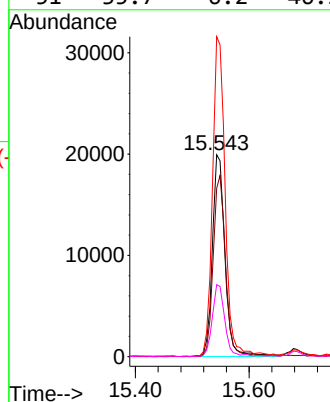
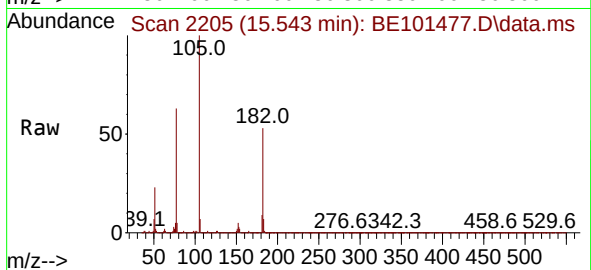
Ion Ratio Lower Upper

77 100

182 83.4 7.6 47.6#

105 158.5 3.2 43.2#

51 35.7 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.912 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

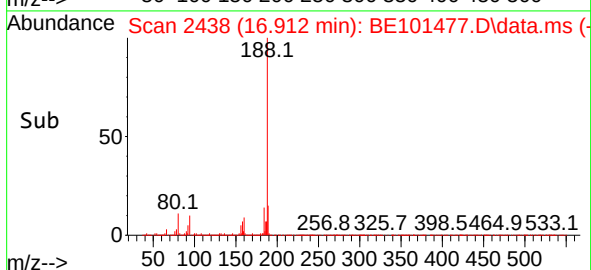
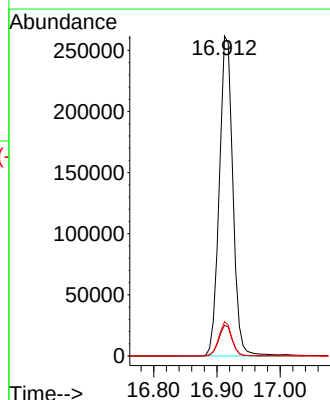
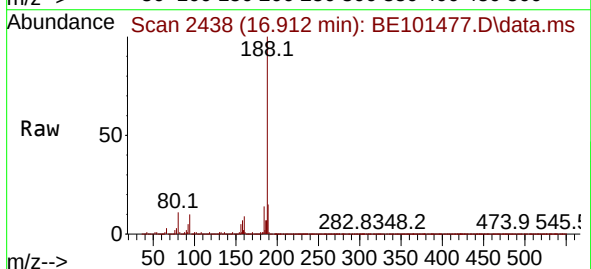
Tgt Ion: 188 Resp: 390418

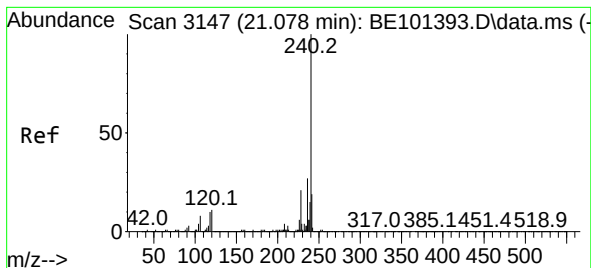
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.8

80 10.7 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3147

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

Instrument :

BNA_E

ClientSampleId :

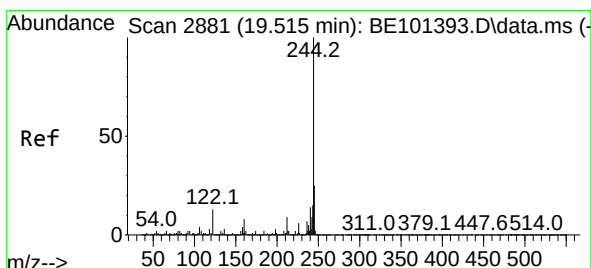
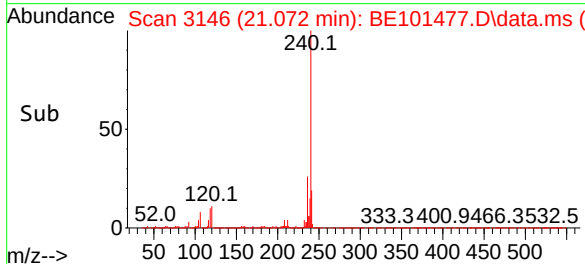
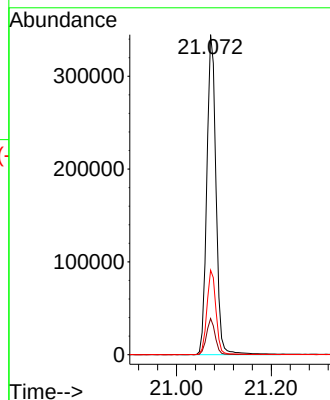
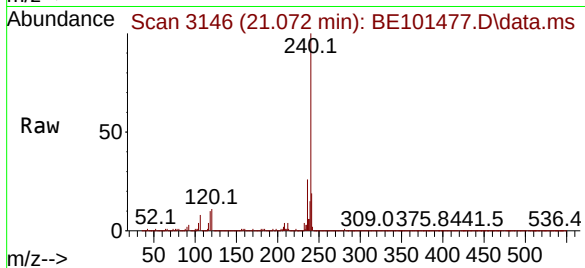
Tgt Ion:240 Resp: 464212

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

236 26.4 21.4 32.0



#79

Terphenyl-d14

Concen: 74.743 ng

RT: 19.509 min Scan# 2880

Delta R.T. -0.006 min

Lab File: BE101477.D

Acq: 5 Nov 2024 13:56

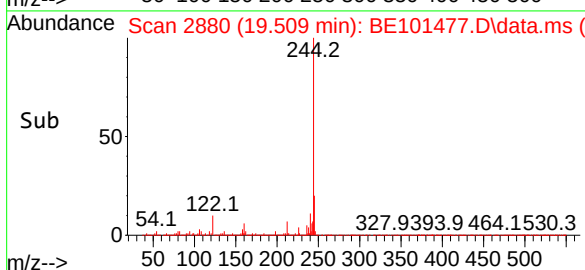
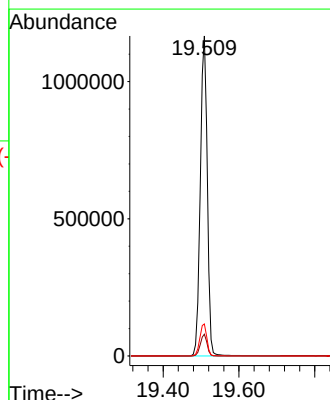
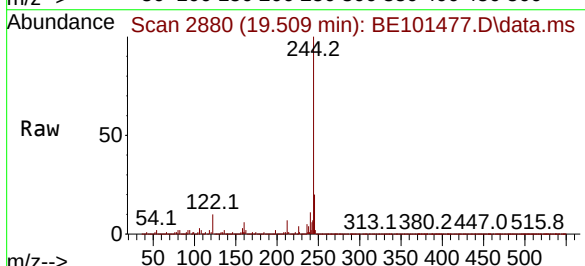
Tgt Ion:244 Resp: 1507523

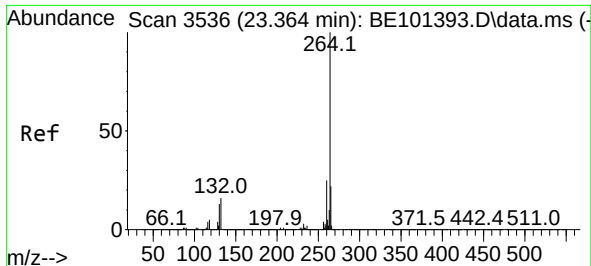
Ion Ratio Lower Upper

244 100

212 6.8 7.2 10.8#

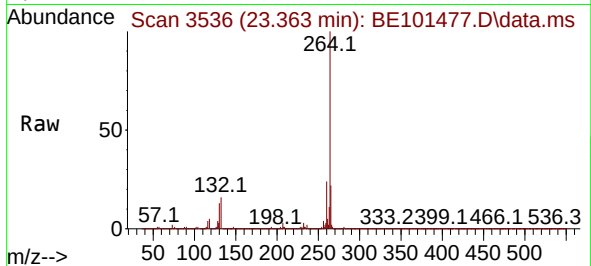
122 10.0 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.363 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BE101477.D
 Acq: 5 Nov 2024 13:56

Instrument :
 BNA_E
 ClientSampleId :



Tgt Ion:264 Resp: 593646
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 21.9 17.6 26.4

