

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101487.D
 Acq On : 5 Nov 2024 19:51
 Operator : RC/JU
 Sample : P4645-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 06 00:03:46 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)

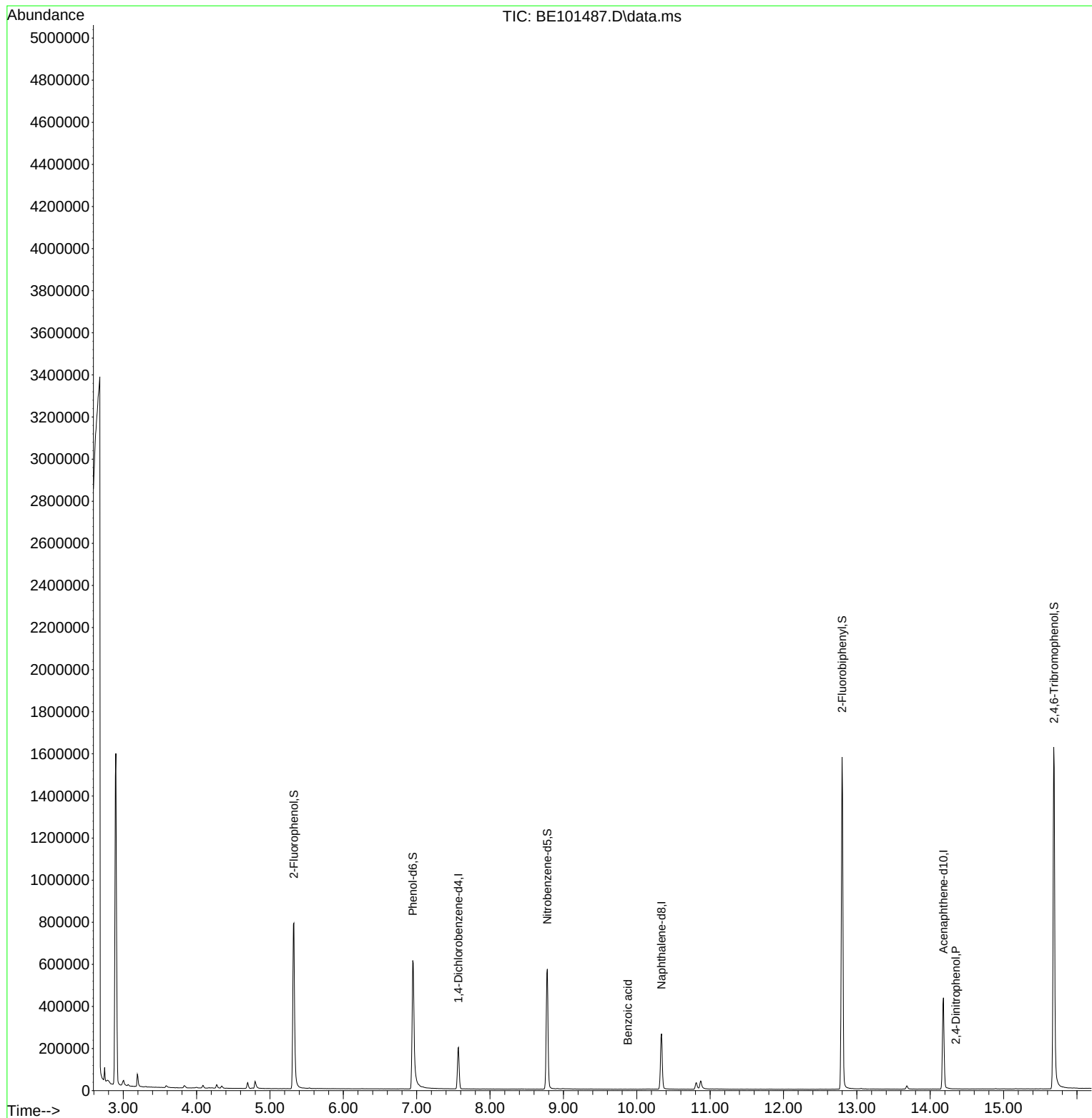
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	57420	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	236071	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	166348	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	407988	20.000	ng	0.00
76) Chrysene-d12	21.077	240	521310	20.000	ng	0.00
86) Perylene-d12	23.363	264	667650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	427695	130.548	ng	0.00
7) Phenol-d6	6.947	99	491297	108.150	ng	0.00
23) Nitrobenzene-d5	8.780	82	347113	92.353	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	442355	151.723	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	873658	88.944	ng	0.00
79) Terphenyl-d14	19.509	244	2215215	97.800	ng	0.00
Target Compounds						
32) Benzoic acid	9.879	122	9	8.219	ng	# 31
54) 2,4-Dinitrophenol	14.350	184	18	5.625	ng	# 1

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

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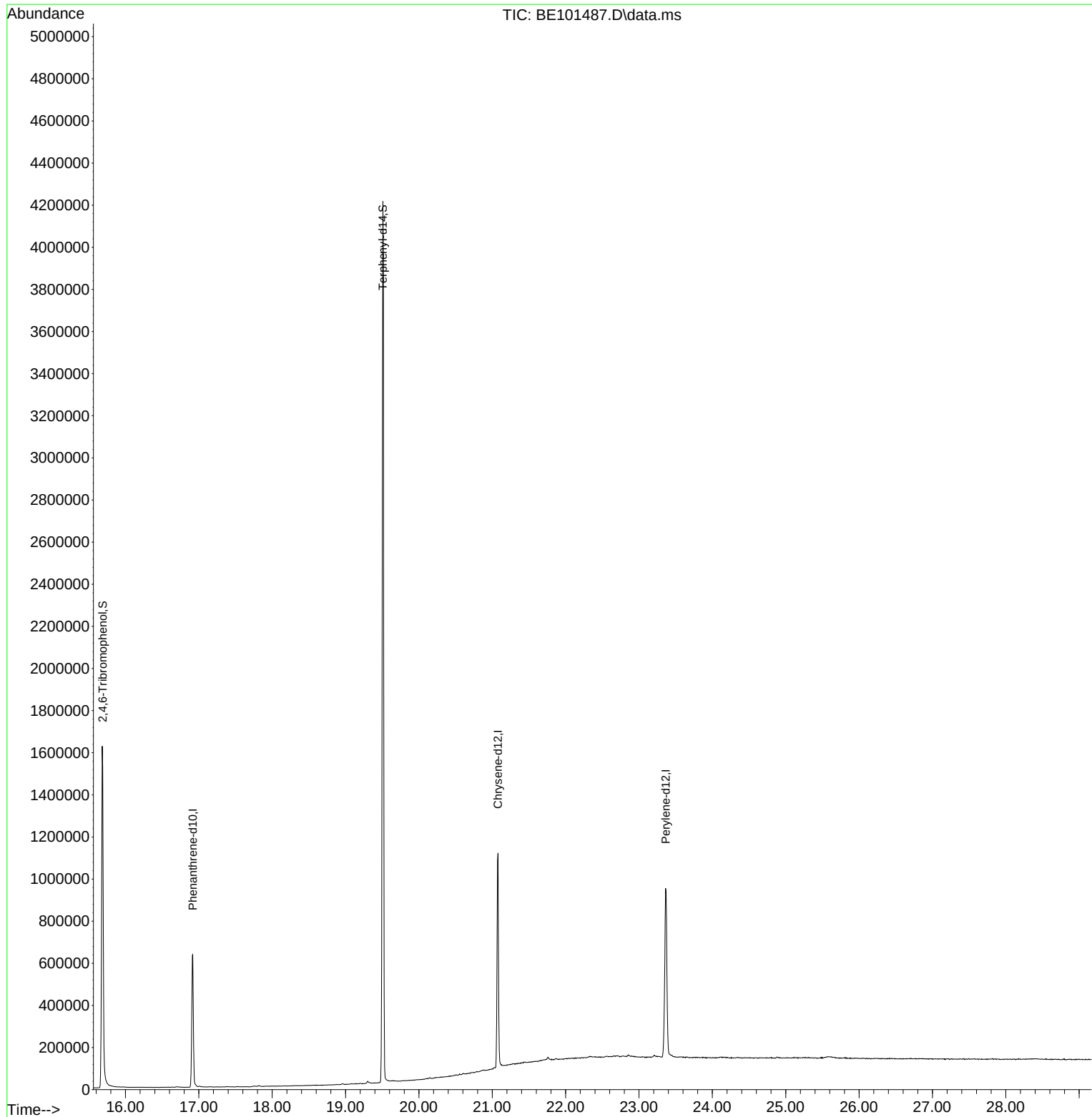
Quant Time: Nov 06 00:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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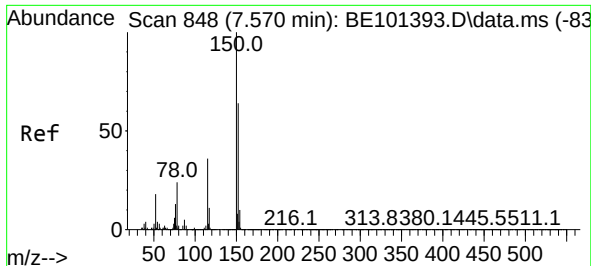


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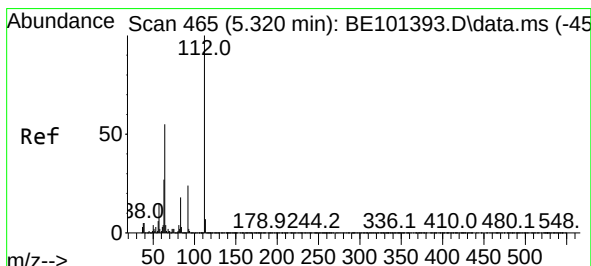
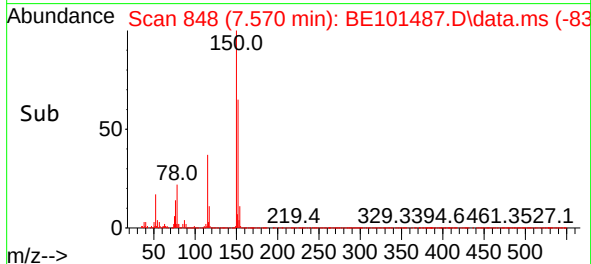
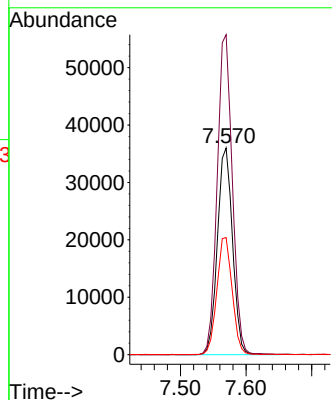
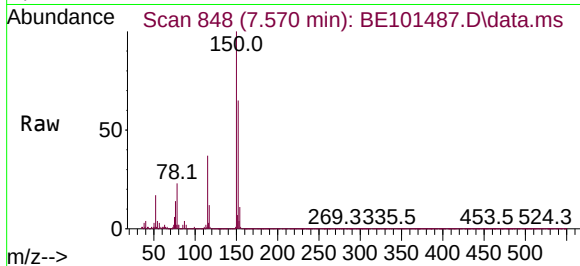




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.570 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BE101487.D
 Acq: 5 Nov 2024 19:51

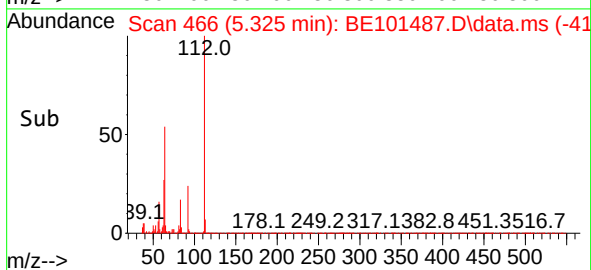
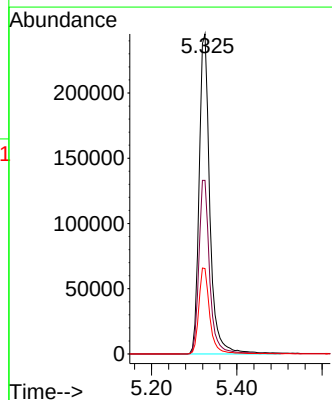
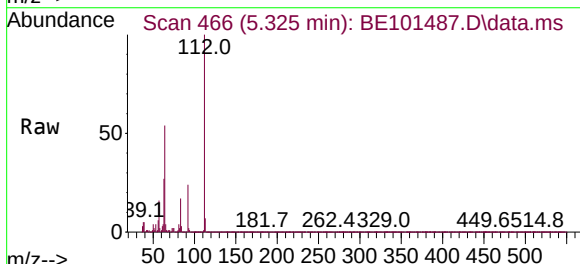
Instrument :
 BNA_E
 ClientSampleId :

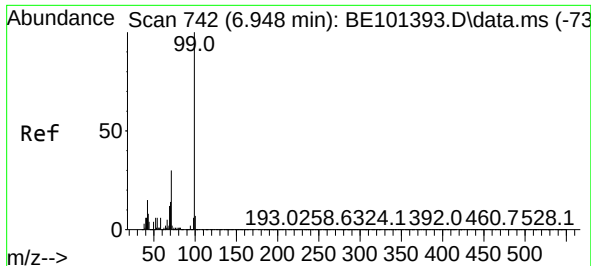
Tgt Ion:152 Resp: 57420
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.4
 115 56.7 45.3 67.9



#5
 2-Fluorophenol
 Concen: 130.548 ng
 RT: 5.325 min Scan# 466
 Delta R.T. 0.005 min
 Lab File: BE101487.D
 Acq: 5 Nov 2024 19:51

Tgt Ion:112 Resp: 427695
 Ion Ratio Lower Upper
 112 100
 64 54.3 43.7 65.5
 63 26.7 21.4 32.2

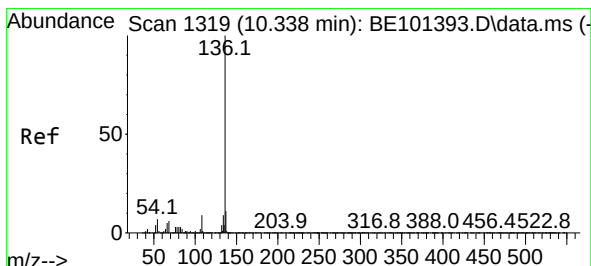
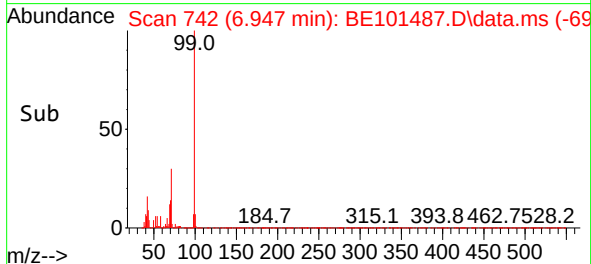
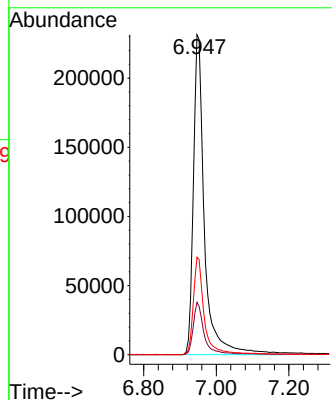
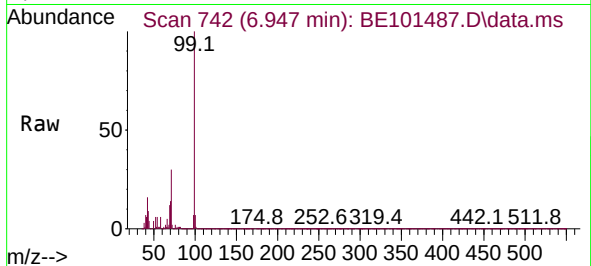




#7
Phenol-d6
Concen: 108.150 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101487.D
Acq: 5 Nov 2024 19:51

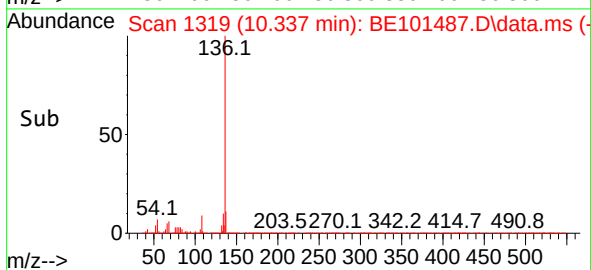
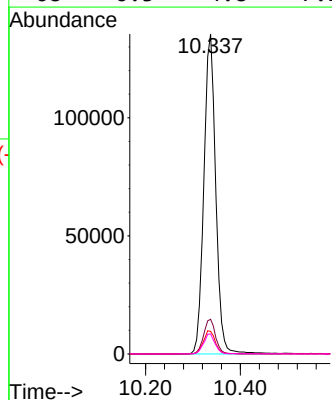
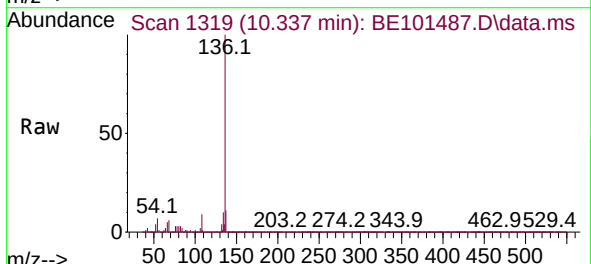
Instrument :
BNA_E
ClientSampleId :

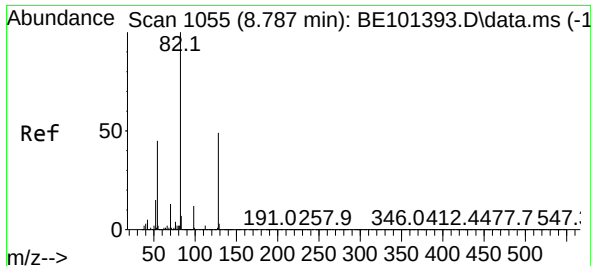
Tgt Ion: 99 Resp: 491297
Ion Ratio Lower Upper
99 100
42 16.4 12.3 18.5
71 30.4 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101487.D
Acq: 5 Nov 2024 19:51

Tgt Ion:136 Resp: 236071
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.0 5.9 8.9
68 6.3 4.8 7.2

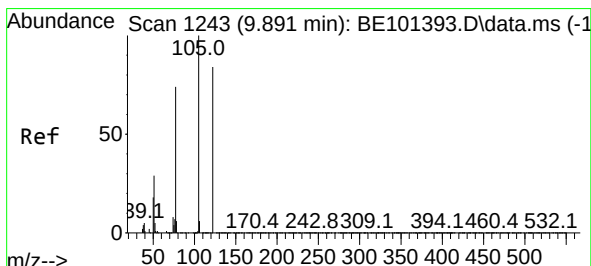
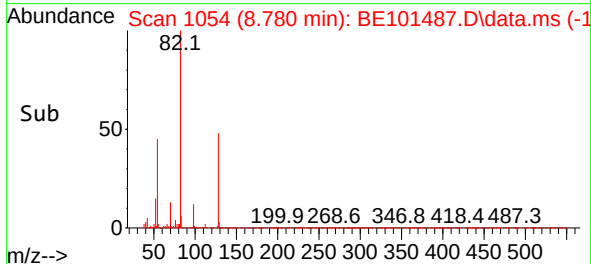
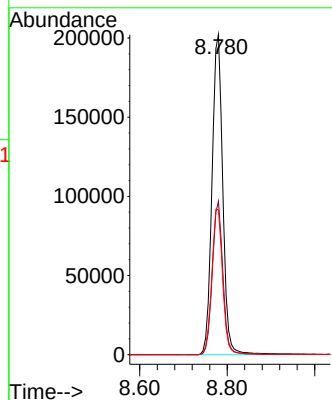
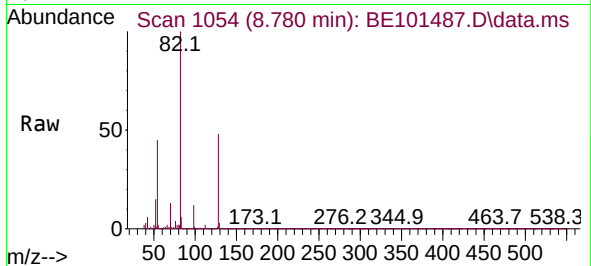




#23
Nitrobenzene-d5
Concen: 92.353 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101487.D
Acq: 5 Nov 2024 19:51

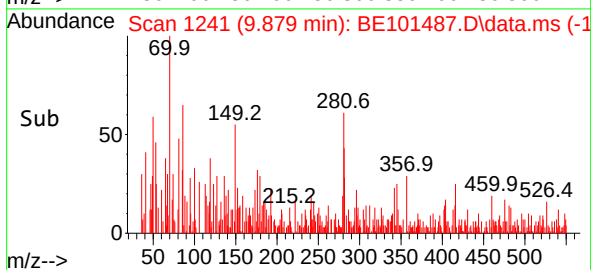
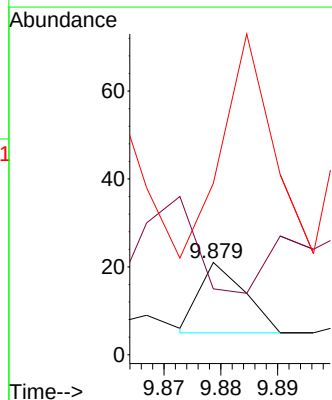
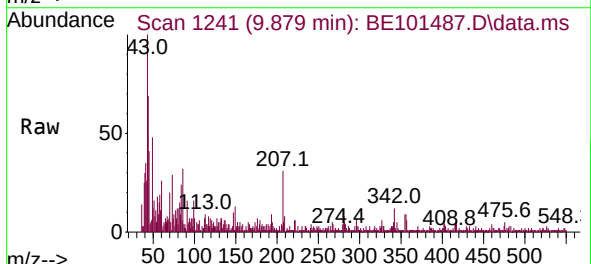
Instrument :
BNA_E
ClientSampleId :

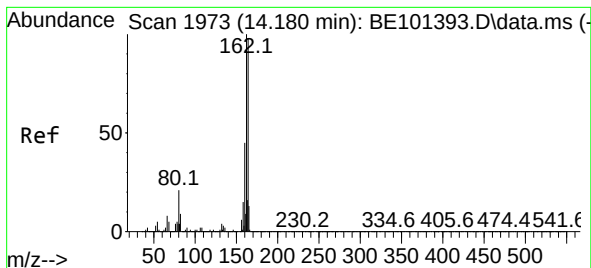
Tgt Ion: 82 Resp: 347113
Ion Ratio Lower Upper
82 100
128 47.9 38.9 58.3
54 45.3 36.2 54.4



#32
Benzoic acid
Concen: 8.219 ng
RT: 9.879 min Scan# 1241
Delta R.T. -0.012 min
Lab File: BE101487.D
Acq: 5 Nov 2024 19:51

Tgt Ion: 122 Resp: 9
Ion Ratio Lower Upper
122 100
105 71.4 97.9 137.9#
77 185.7 68.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1973

Delta R.T. -0.001 min

Lab File: BE101487.D

Acq: 5 Nov 2024 19:51

Instrument :

BNA_E

ClientSampleId :

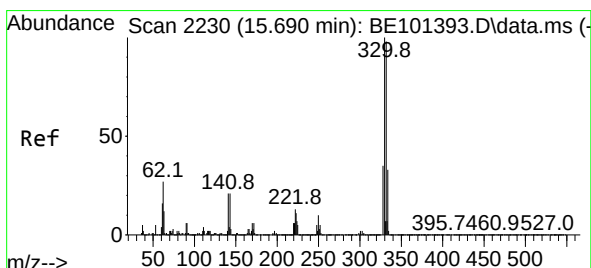
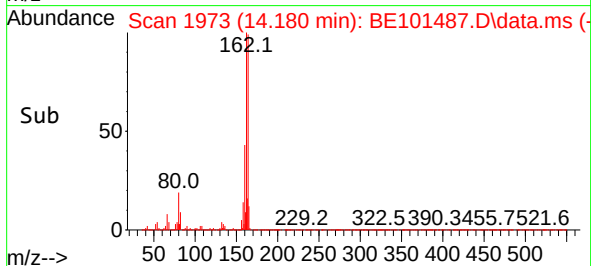
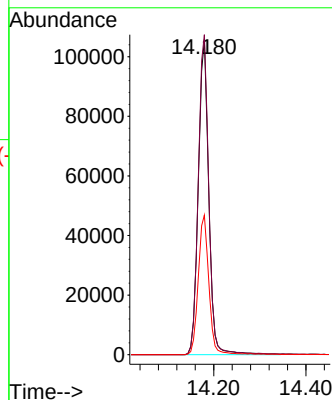
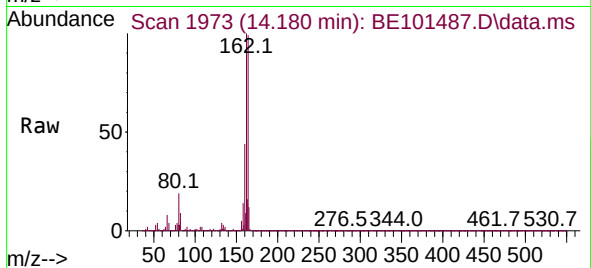
Tgt Ion:164 Resp: 166348

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 44.3 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 151.723 ng

RT: 15.690 min Scan# 2230

Delta R.T. -0.001 min

Lab File: BE101487.D

Acq: 5 Nov 2024 19:51

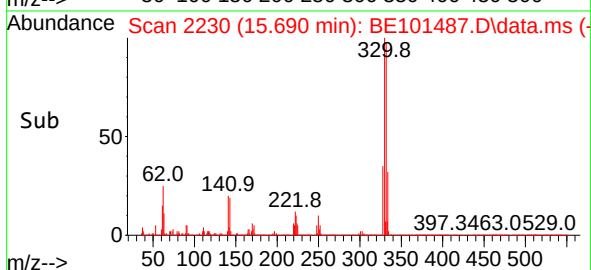
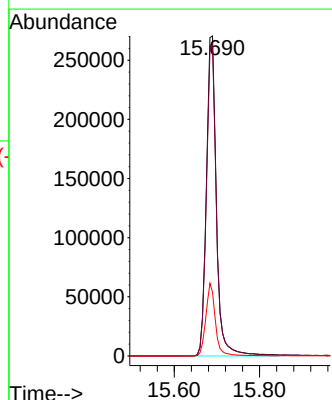
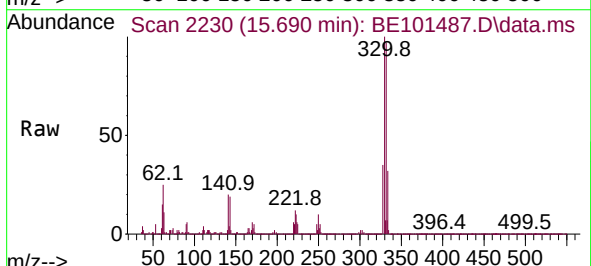
Tgt Ion:330 Resp: 442355

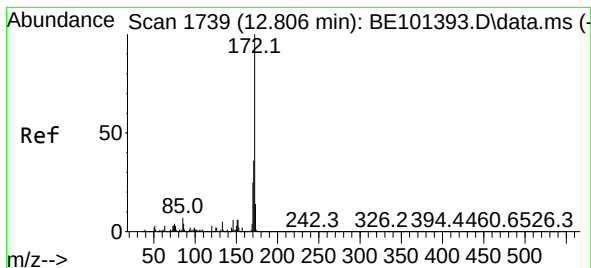
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.2

141 21.7 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 88.944 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101487.D

Acq: 5 Nov 2024 19:51

Instrument :

BNA_E

ClientSampleId :

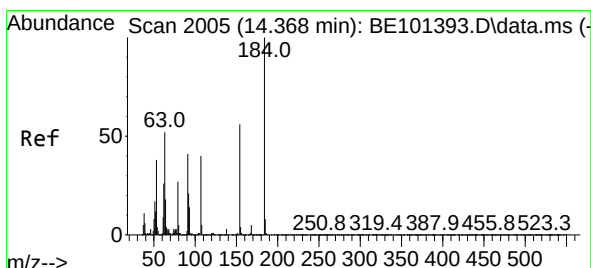
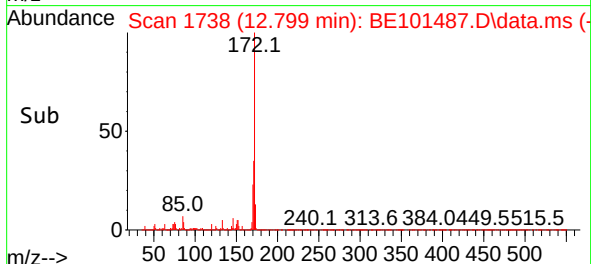
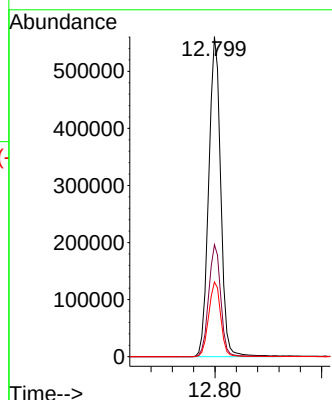
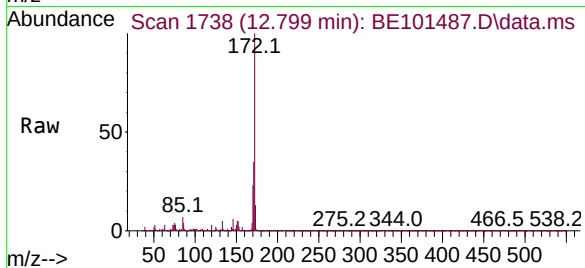
Tgt Ion:172 Resp: 873658

Ion Ratio Lower Upper

172 100

171 35.0 29.2 43.8

170 23.3 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.625 ng

RT: 14.350 min Scan# 2002

Delta R.T. -0.018 min

Lab File: BE101487.D

Acq: 5 Nov 2024 19:51

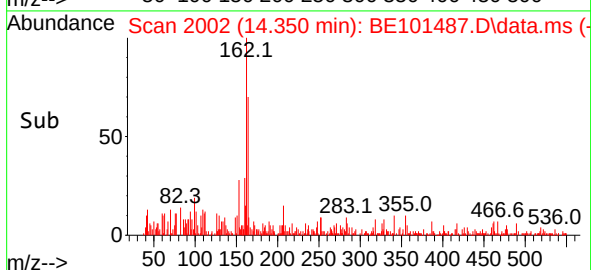
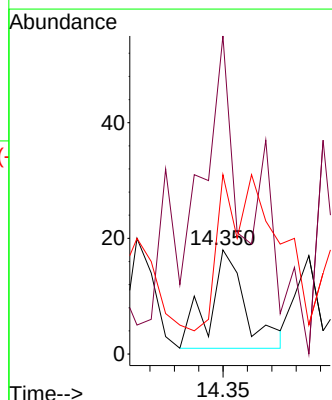
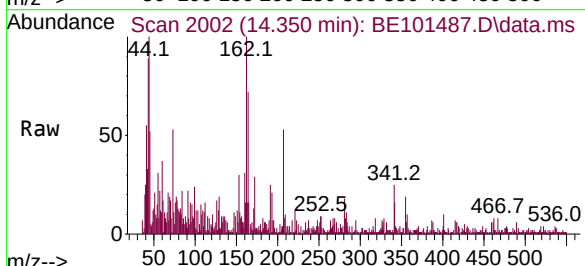
Tgt Ion:184 Resp: 18

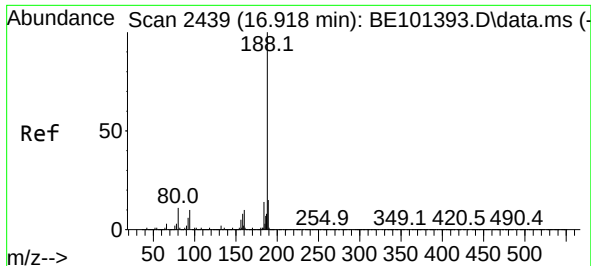
Ion Ratio Lower Upper

184 100

63 305.6 41.8 62.6#

154 172.2 44.9 67.3#

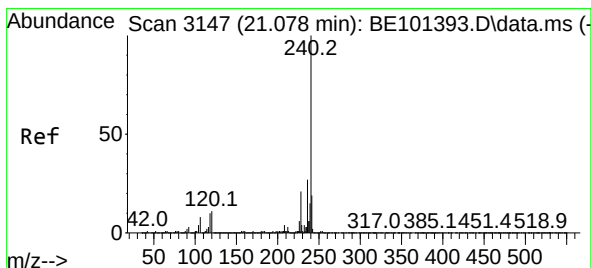
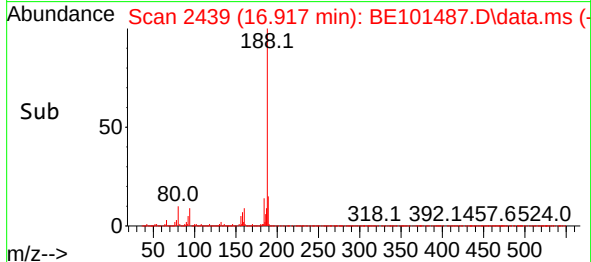
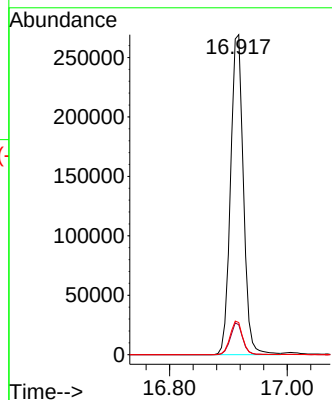
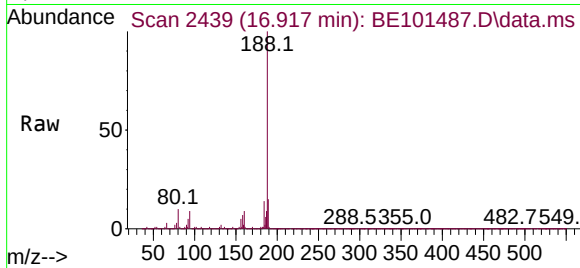




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101487.D
Acq: 5 Nov 2024 19:51

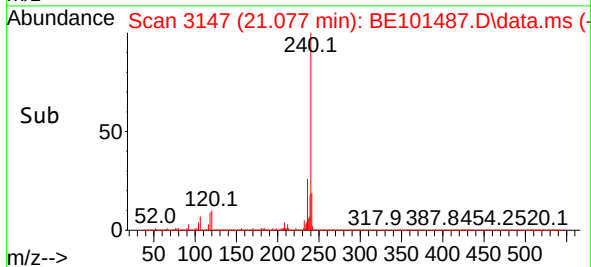
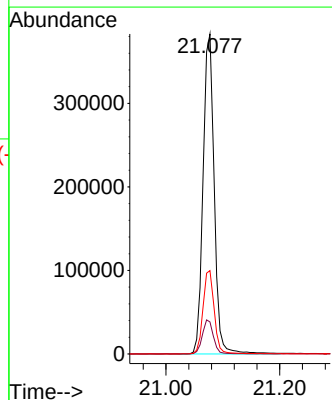
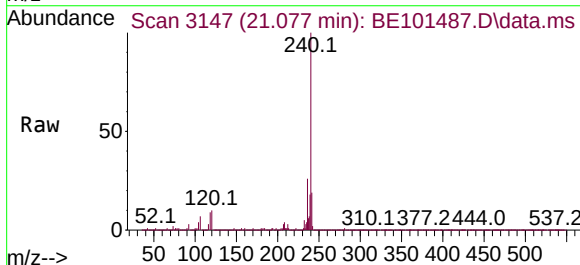
Instrument :
BNA_E
ClientSampleId :

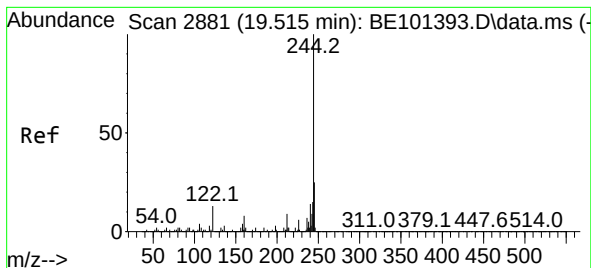
Tgt Ion:188 Resp: 407988
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101487.D
Acq: 5 Nov 2024 19:51

Tgt Ion:240 Resp: 521310
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.1 21.4 32.0





#79

Terphenyl-d14

Concen: 97.800 ng

RT: 19.509 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101487.D

Acq: 5 Nov 2024 19:51

Instrument :

BNA_E

ClientSampleId :

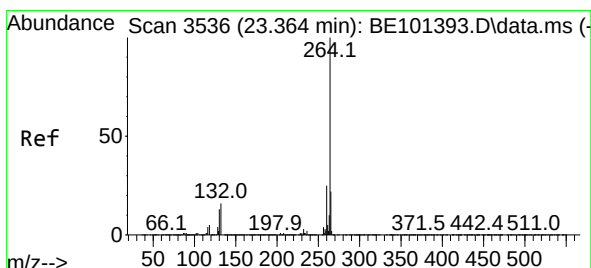
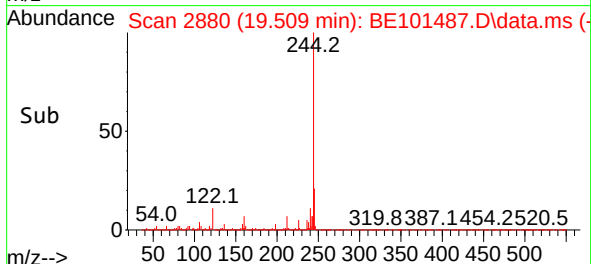
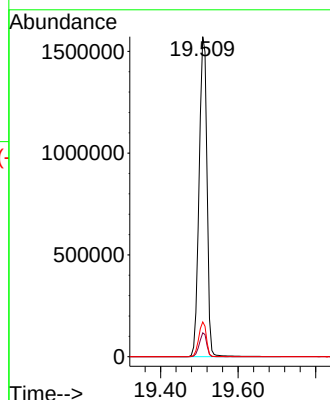
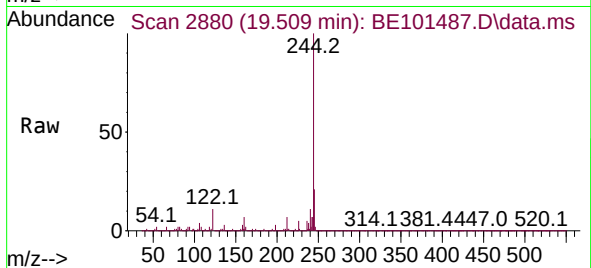
Tgt Ion:244 Resp: 2215215

Ion Ratio Lower Upper

244 100

212 7.5 7.2 10.8

122 10.8 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.363 min Scan# 3536

Delta R.T. -0.001 min

Lab File: BE101487.D

Acq: 5 Nov 2024 19:51

Tgt Ion:264 Resp: 667650

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

265 22.1 17.6 26.4

