

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101429.D
 Acq On : 31 Oct 2024 12:51
 Operator : RC/JU
 Sample : P4616-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F9-MOVED

Quant Time: Oct 31 14:12:53 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)

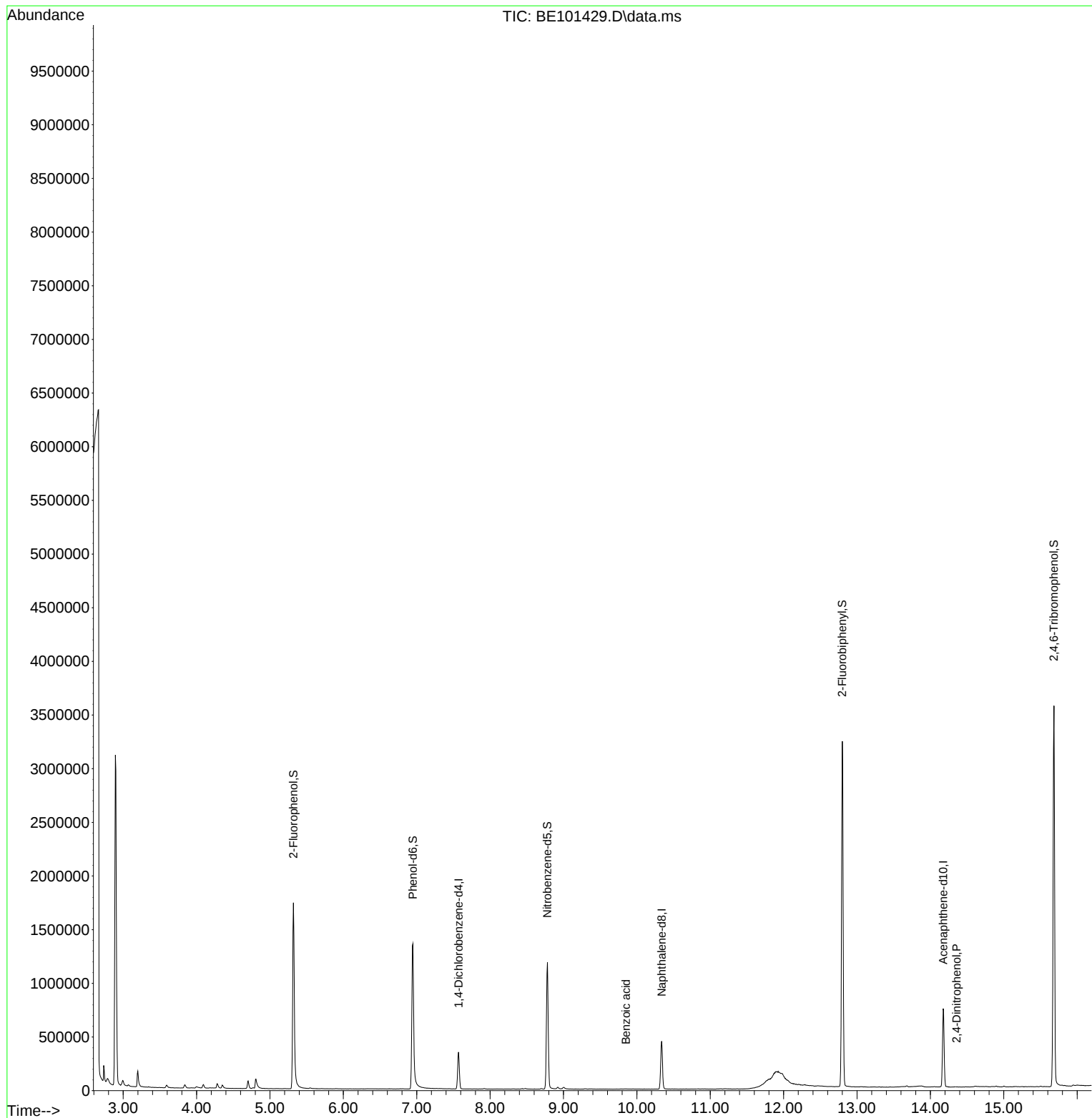
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	96511	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	394946	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	265035	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	678201	20.000	ng	0.00
76) Chrysene-d12	21.072	240	948781	20.000	ng	0.00
86) Perylene-d12	23.358	264	1233314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	876360	159.149	ng	0.00
7) Phenol-d6	6.948	99	977708	128.050	ng	0.00
23) Nitrobenzene-d5	8.781	82	706075	112.289	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	842539	181.378	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	1693906	108.238	ng	0.00
79) Terphenyl-d14	19.509	244	4061108	98.514	ng	0.00
Target Compounds						
32) Benzoic acid	9.850	122	164	8.248	ng	# 61
54) 2,4-Dinitrophenol	14.357	184	39	5.628	ng	# 41

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

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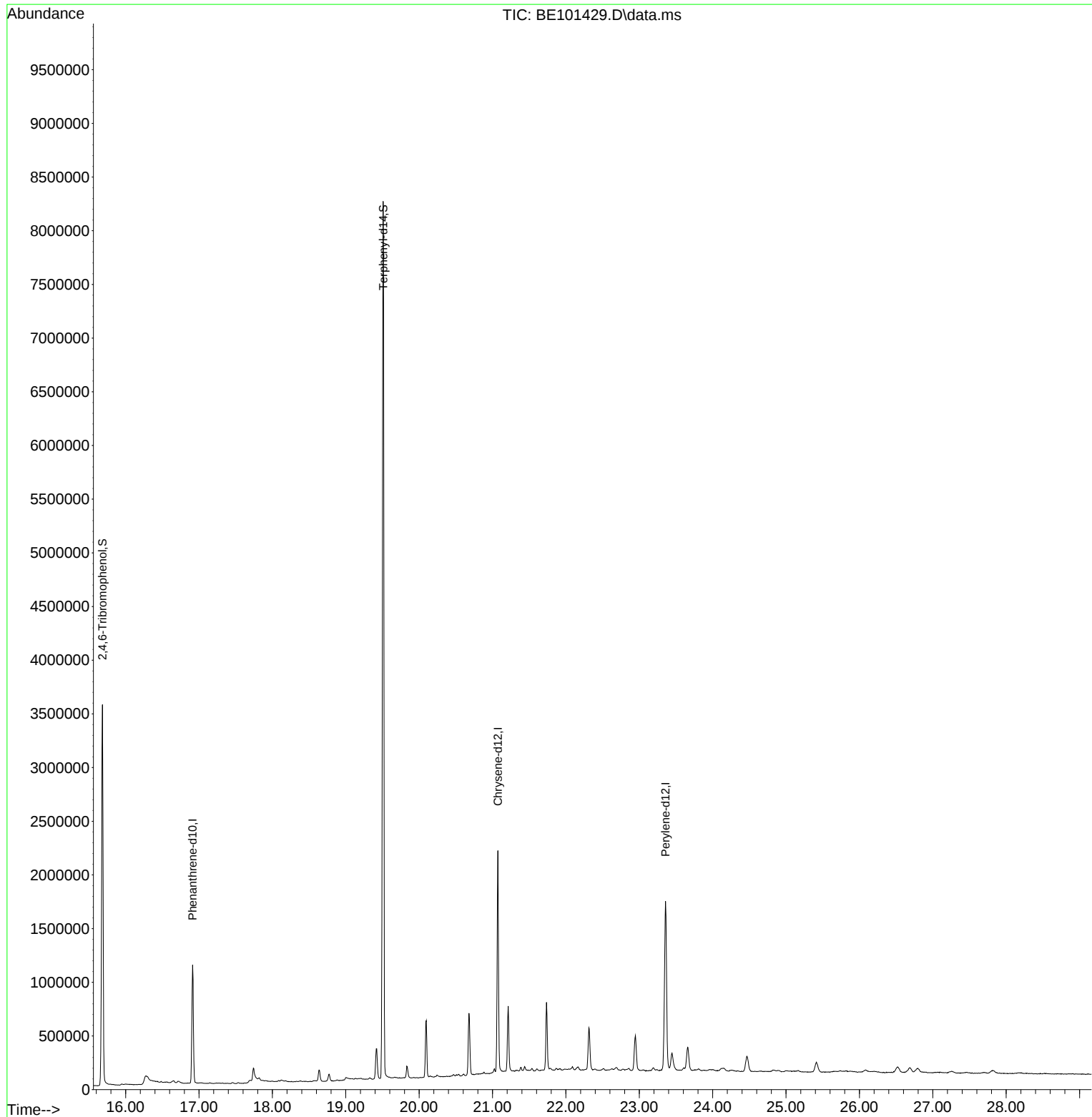
Quant Time: Oct 31 14:12:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

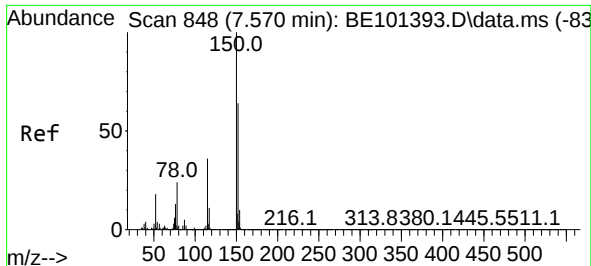


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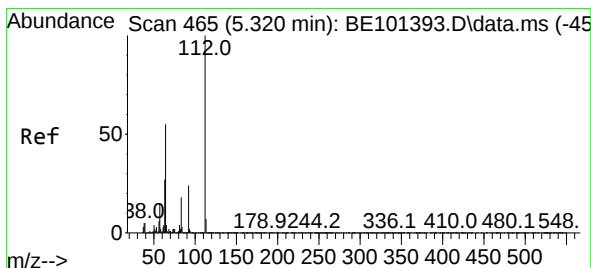
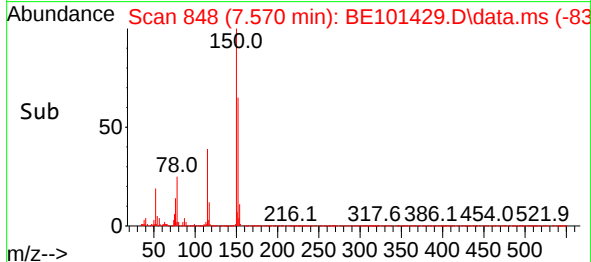
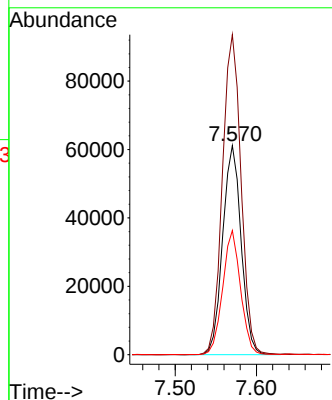
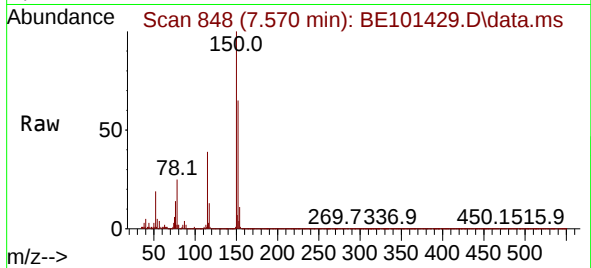




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101429.D
Acq: 31 Oct 2024 12:51

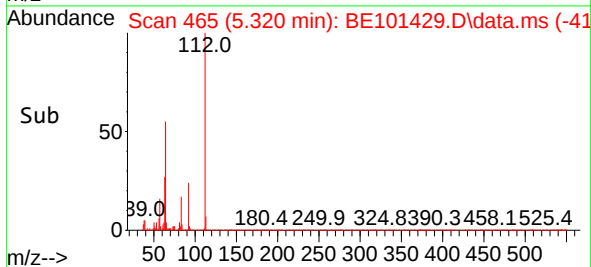
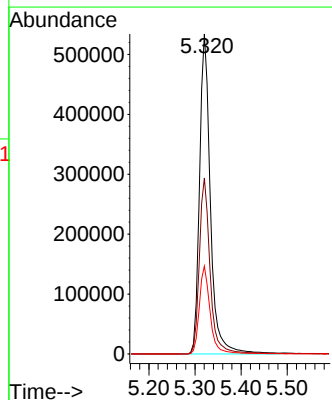
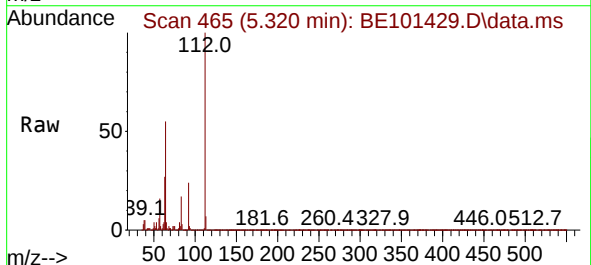
Instrument :
BNA_E
ClientSampleId :
BP-F9-MOVED

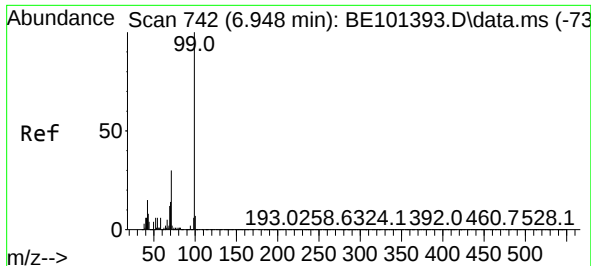
Tgt Ion:152 Resp: 96511
Ion Ratio Lower Upper
152 100
150 153.0 124.2 186.4
115 59.4 45.3 67.9



#5
2-Fluorophenol
Concen: 159.149 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101429.D
Acq: 31 Oct 2024 12:51

Tgt Ion:112 Resp: 876360
Ion Ratio Lower Upper
112 100
64 55.0 43.7 65.5
63 27.5 21.4 32.2

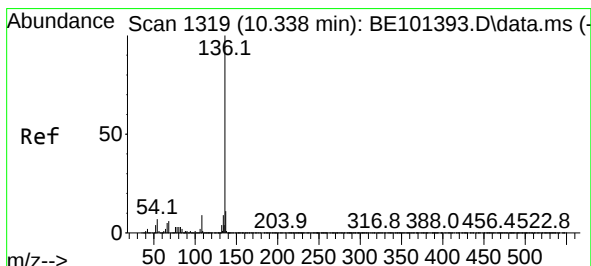
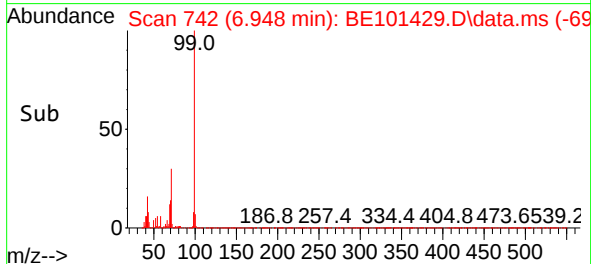
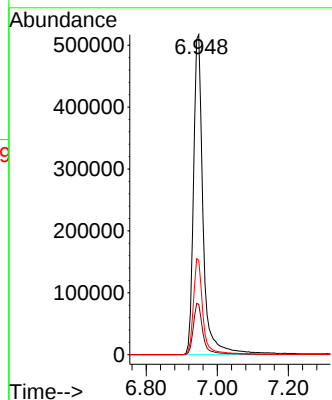
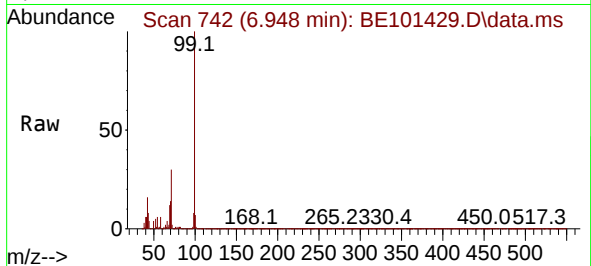




#7
Phenol-d6
Concen: 128.050 ng
RT: 6.948 min Scan# 742
Delta R.T. -0.000 min
Lab File: BE101429.D
Acq: 31 Oct 2024 12:51

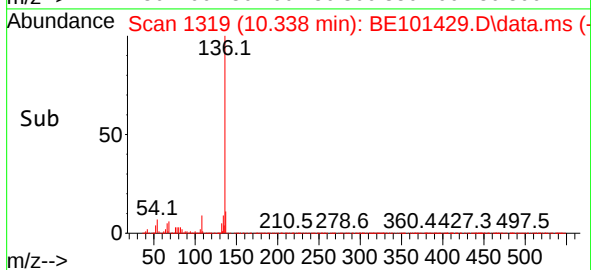
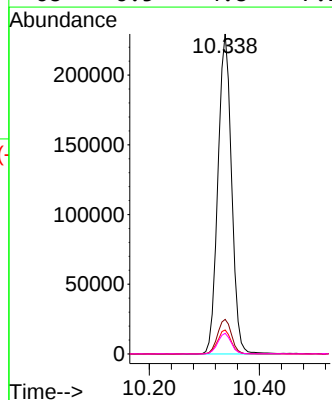
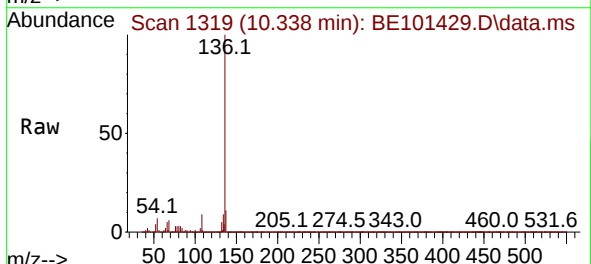
Instrument :
BNA_E
ClientSampleId :
BP-F9-MOVED

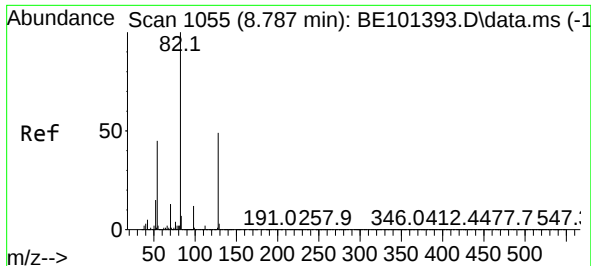
Tgt Ion: 99 Resp: 977708
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 29.5 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101429.D
Acq: 31 Oct 2024 12:51

Tgt Ion:136 Resp: 394946
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.5 5.9 8.9
68 6.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 112.289 ng

RT: 8.781 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

Instrument :

BNA_E

ClientSampleId :

BP-F9-MOVED

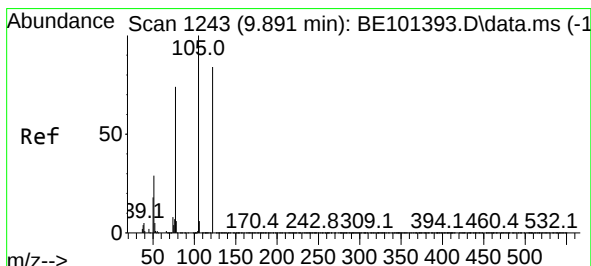
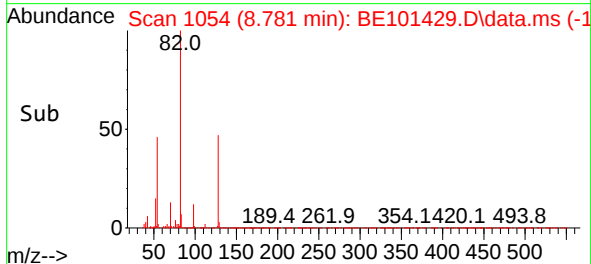
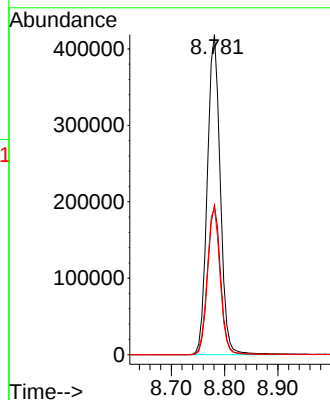
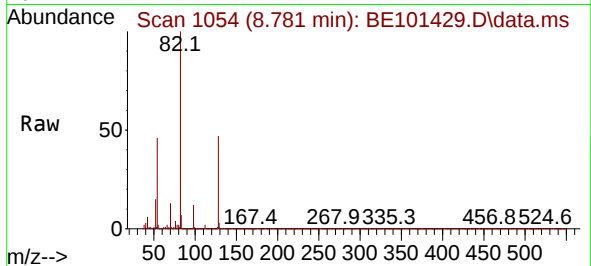
Tgt Ion: 82 Resp: 706075

Ion Ratio Lower Upper

82 100

128 46.6 38.9 58.3

54 45.9 36.2 54.4



#32

Benzoic acid

Concen: 8.248 ng

RT: 9.850 min Scan# 1236

Delta R.T. -0.041 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

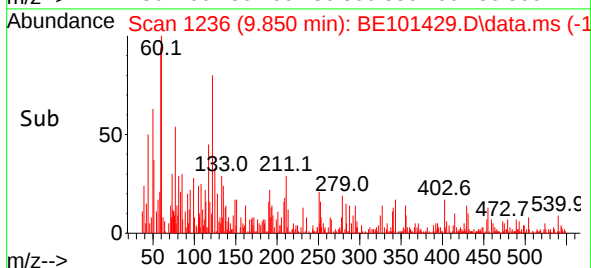
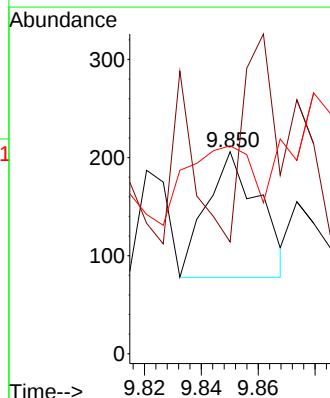
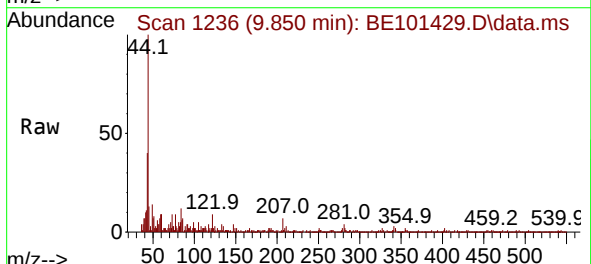
Tgt Ion:122 Resp: 164

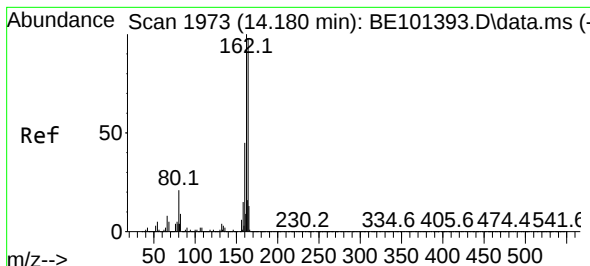
Ion Ratio Lower Upper

122 100

105 55.3 97.9 137.9#

77 102.9 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: BE101429.D

Acq: 31 Oct 2024 12:51

Instrument :

BNA_E

ClientSampleId :

BP-F9-MOVED

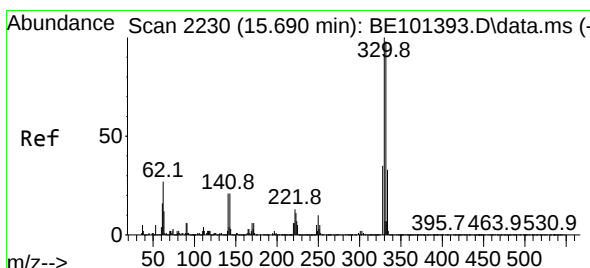
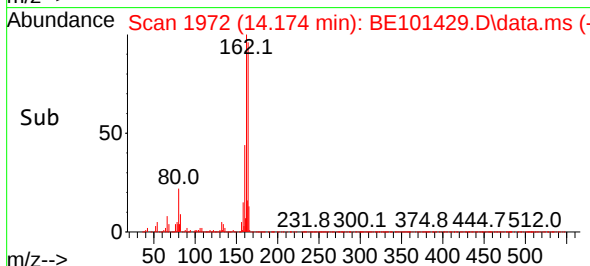
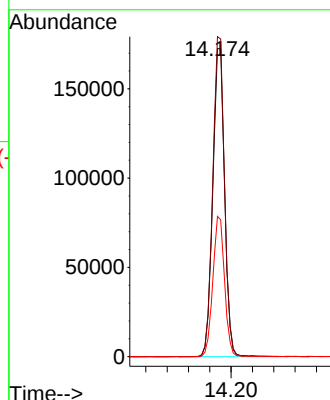
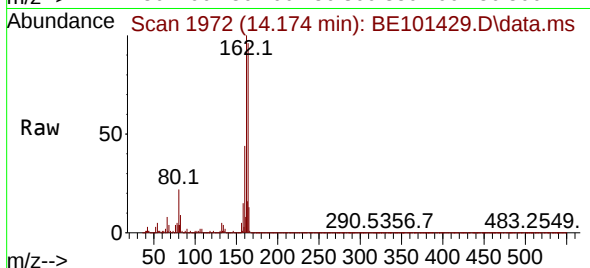
Tgt Ion:164 Resp: 265035

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 45.5 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 181.378 ng

RT: 15.684 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

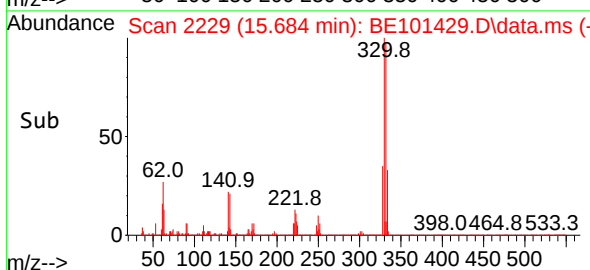
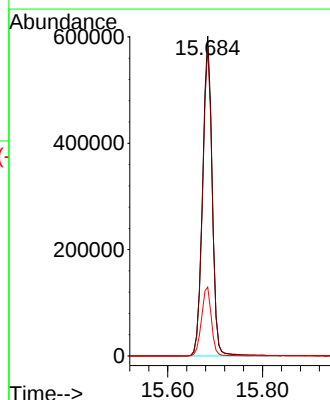
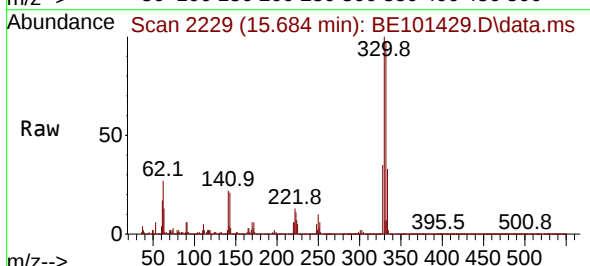
Tgt Ion:330 Resp: 842539

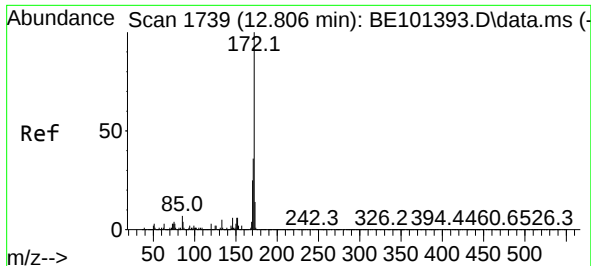
Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.2

141 22.2 18.3 27.5

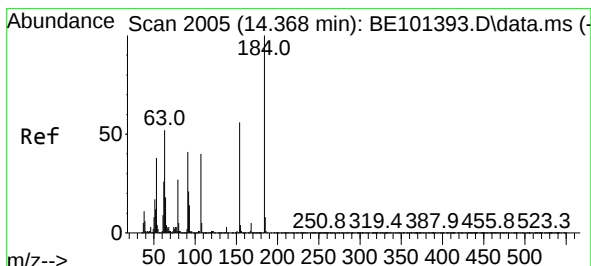
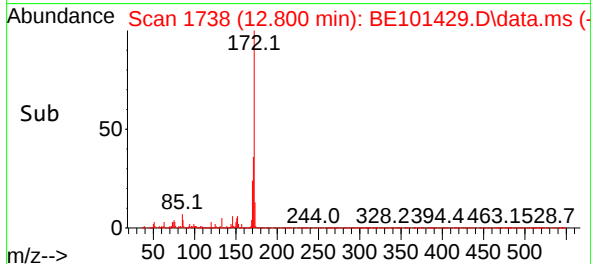
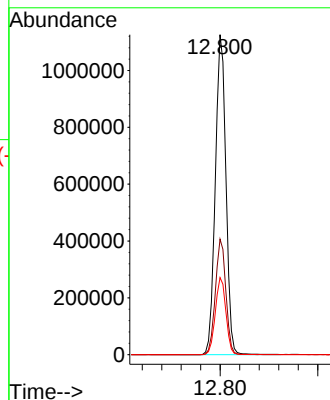
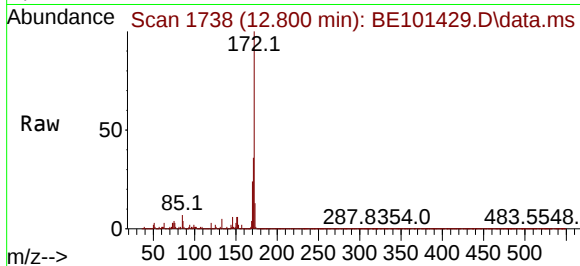




#45
2-Fluorobiphenyl
Concen: 108.238 ng
RT: 12.800 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101429.D
Acq: 31 Oct 2024 12:51

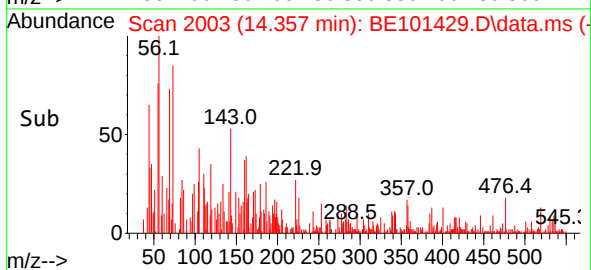
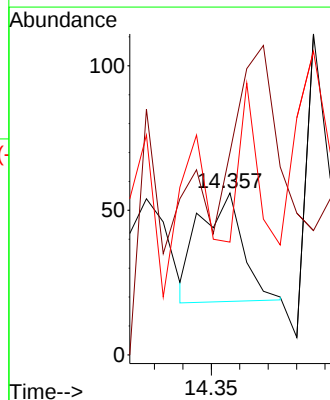
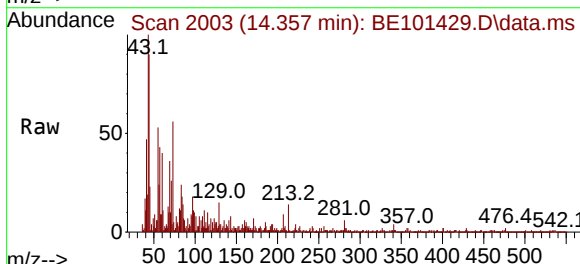
Instrument :
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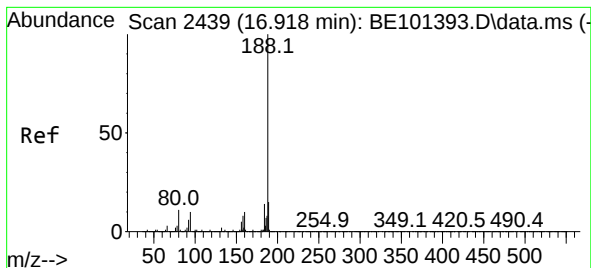
Tgt Ion:172 Resp: 1693906
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.1 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.628 ng
RT: 14.357 min Scan# 2003
Delta R.T. -0.011 min
Lab File: BE101429.D
Acq: 31 Oct 2024 12:51

Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 125.0 41.8 62.6#
154 69.6 44.9 67.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.912 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

Instrument :

BNA_E

ClientSampleId :

BP-F9-MOVED

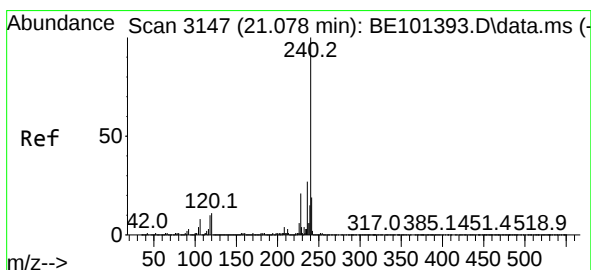
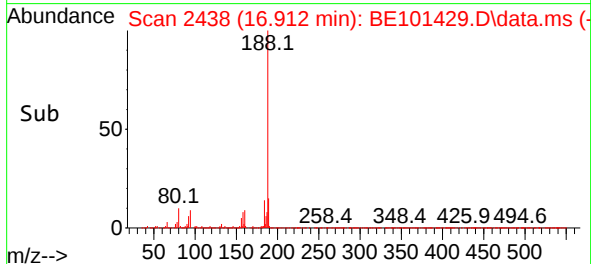
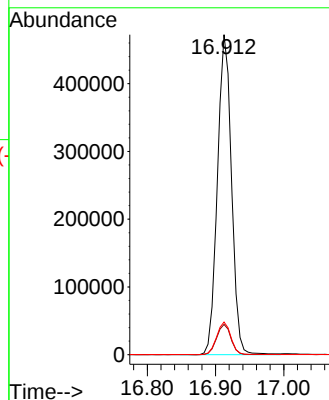
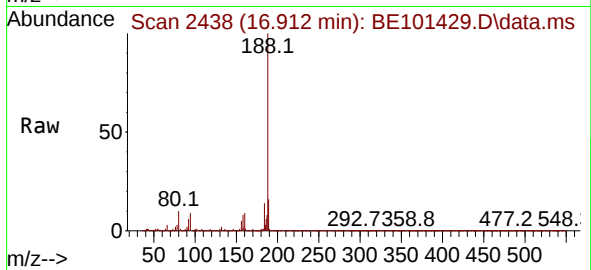
Tgt Ion:188 Resp: 678201

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

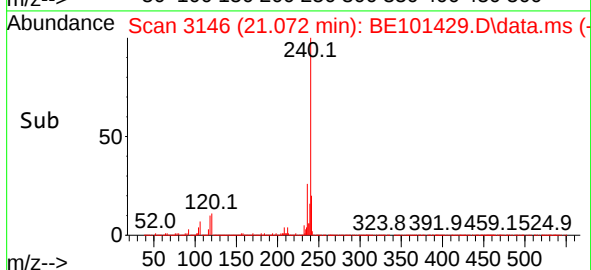
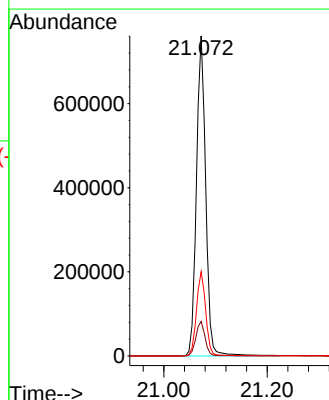
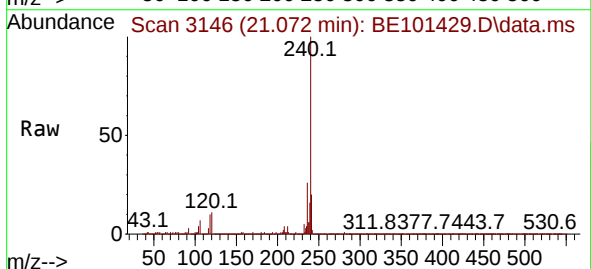
Tgt Ion:240 Resp: 948781

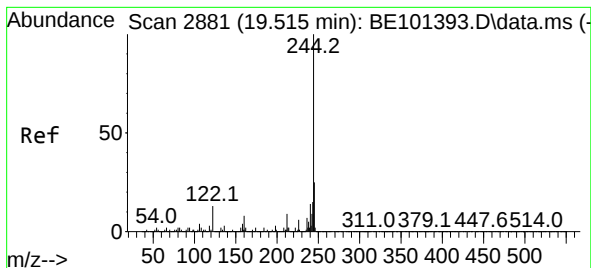
Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 98.514 ng

RT: 19.509 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

Instrument :

BNA_E

ClientSampleId :

BP-F9-MOVED

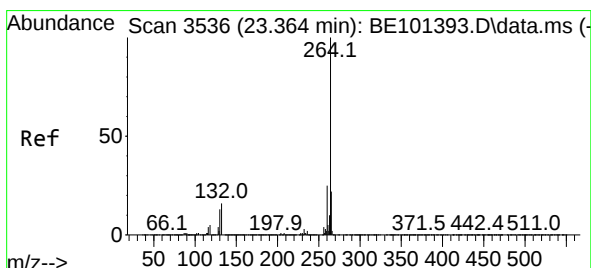
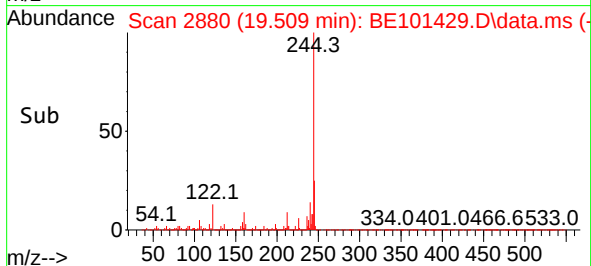
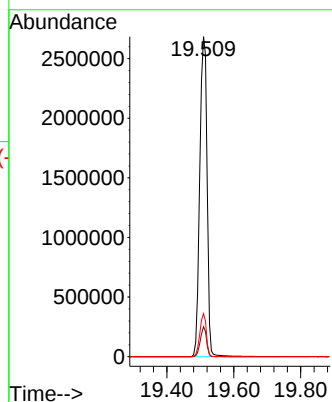
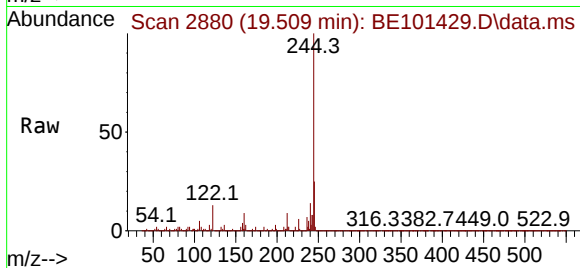
Tgt Ion:244 Resp: 4061108

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

122 13.5 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.358 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BE101429.D

Acq: 31 Oct 2024 12:51

Tgt Ion:264 Resp: 1233314

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.8

265 21.8 17.6 26.4

