

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101422.D
 Acq On : 30 Oct 2024 13:34
 Operator : RC/JU
 Sample : PB164382BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164382BL

Quant Time: Oct 30 14:27:53 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)

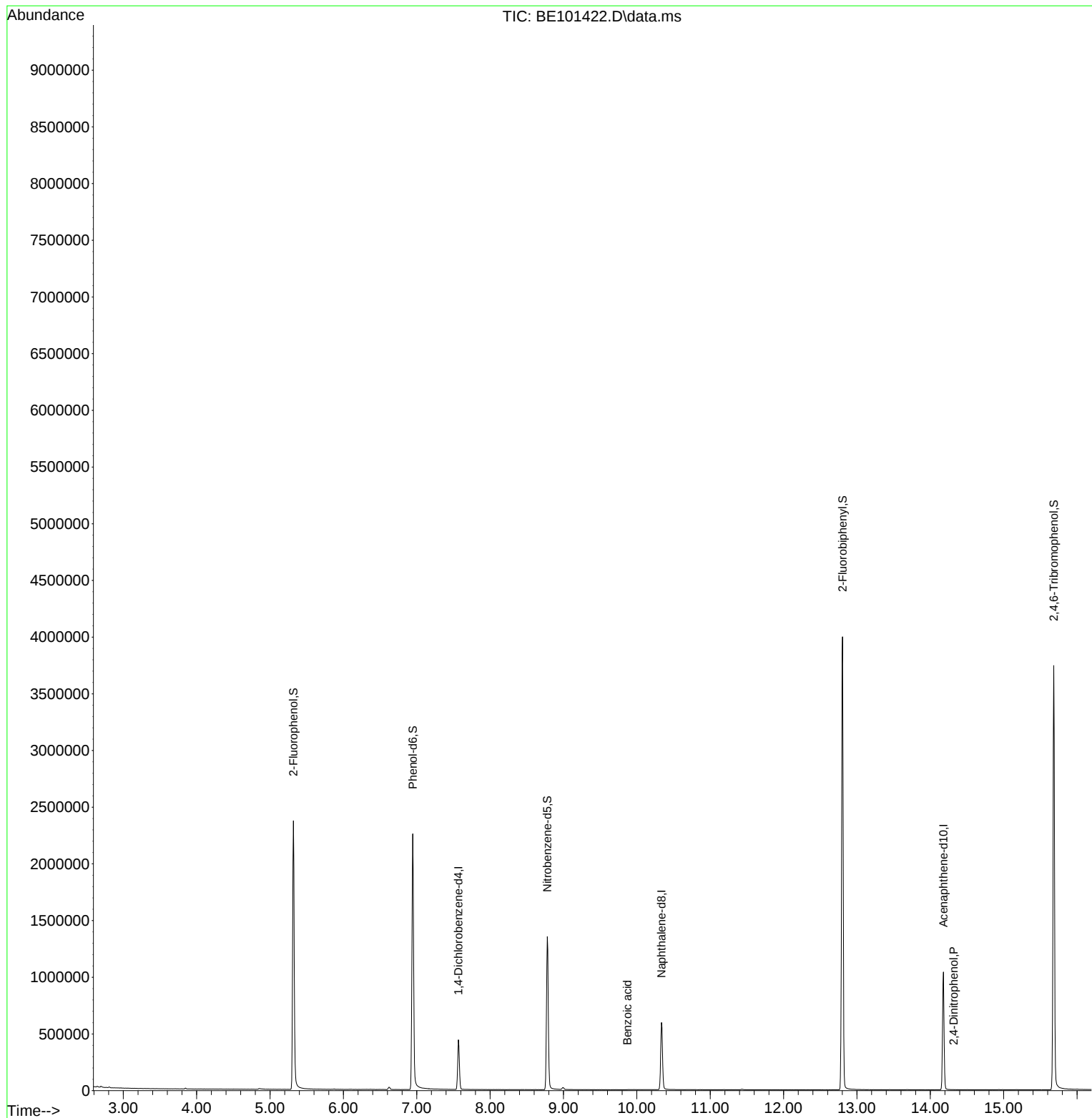
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	123851	20.000	ng	0.00
21) Naphthalene-d8	10.336	136	541935	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	358960	20.000	ng	0.00
64) Phenanthrene-d10	16.911	188	831647	20.000	ng	0.00
76) Chrysene-d12	21.071	240	1025552	20.000	ng	0.00
86) Perylene-d12	23.356	264	1388354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1128905	159.756	ng	0.00
7) Phenol-d6	6.946	99	1427387	145.676	ng	0.00
23) Nitrobenzene-d5	8.779	82	819469	94.975	ng	0.00
42) 2,4,6-Tribromophenol	15.683	330	883713	140.463	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	2107705	99.439	ng	0.00
79) Terphenyl-d14	19.508	244	3901753	87.563	ng	0.00
Target Compounds						
32) Benzoic acid	9.872	122	26	8.219	ng	Qvalue # 65
54) 2,4-Dinitrophenol	14.320	184	16	5.620	ng	88

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

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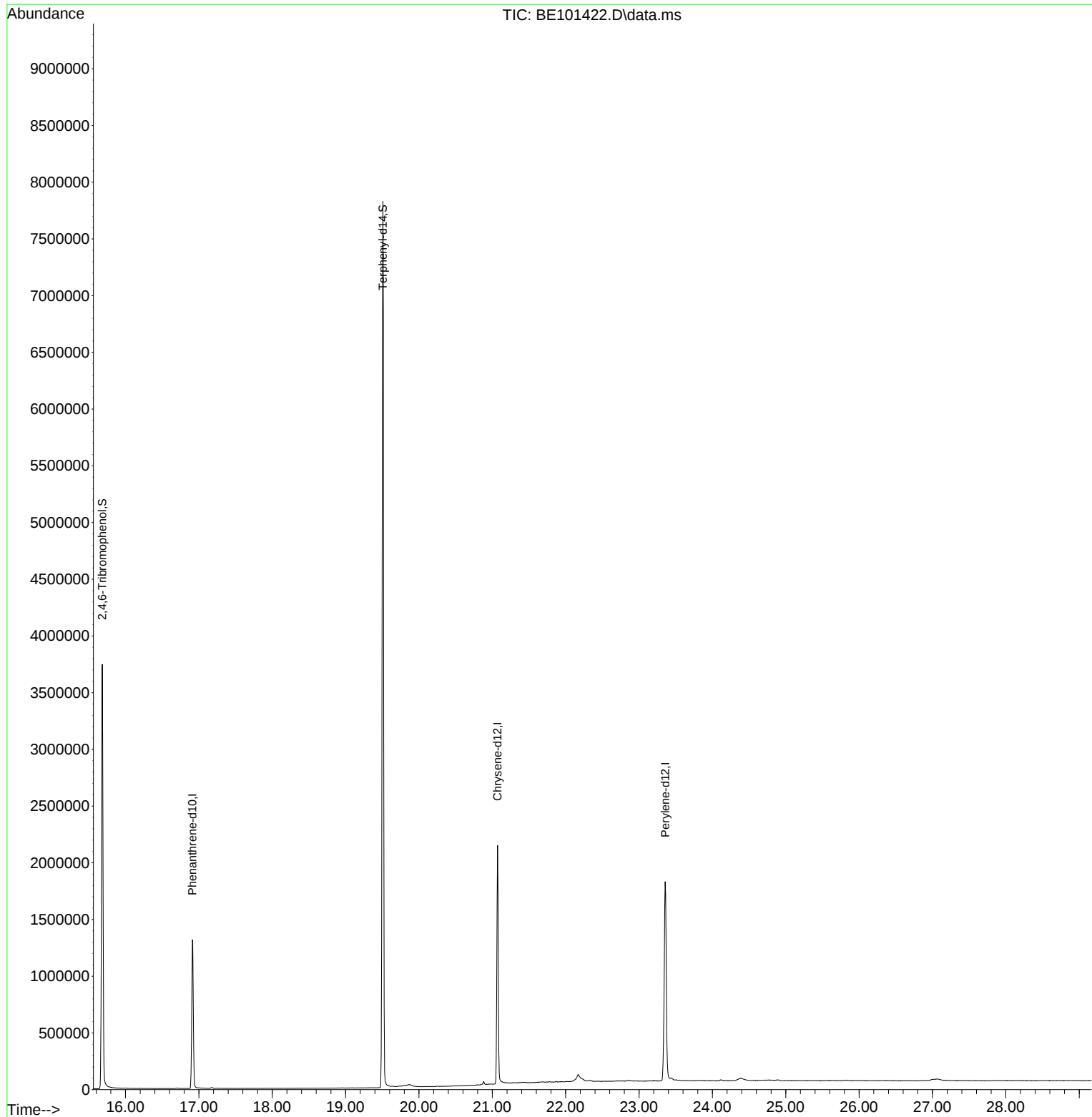
Quant Time: Oct 30 14:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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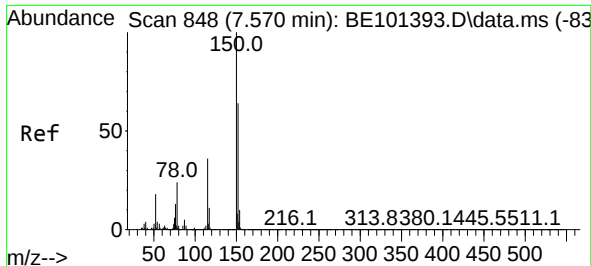


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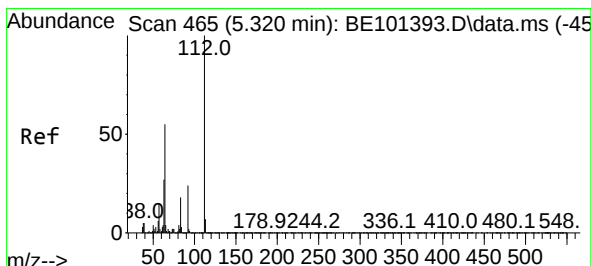
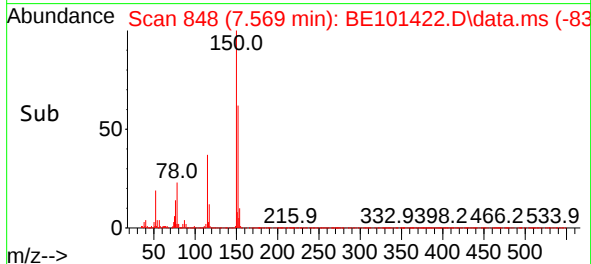
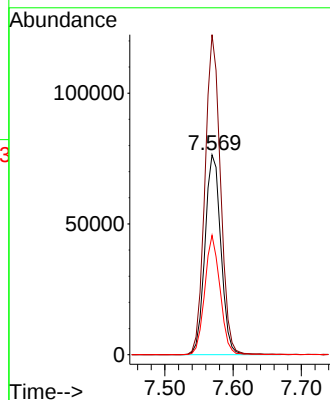
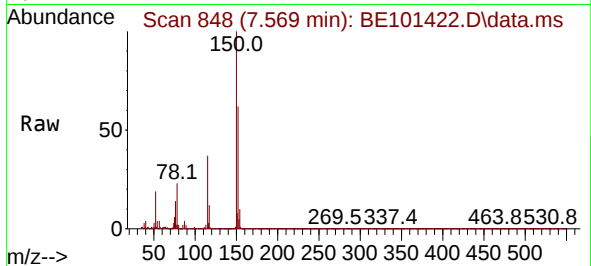




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

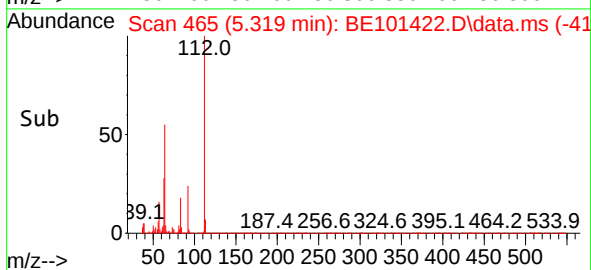
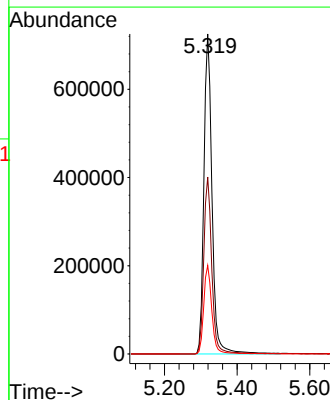
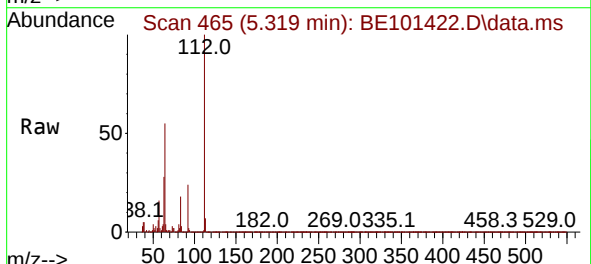
Instrument :
BNA_E
ClientSampleId :
PB164382BL

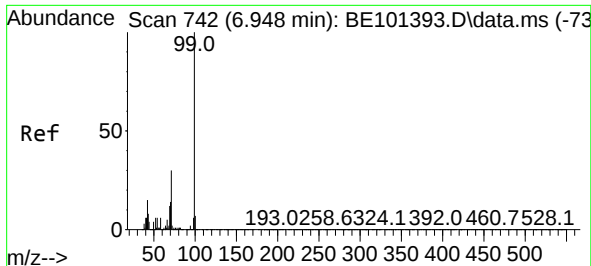
Tgt Ion:152 Resp: 123851
Ion Ratio Lower Upper
152 100
150 160.1 124.2 186.4
115 59.8 45.3 67.9



#5
2-Fluorophenol
Concen: 159.756 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:112 Resp: 1128905
Ion Ratio Lower Upper
112 100
64 55.3 43.7 65.5
63 27.7 21.4 32.2



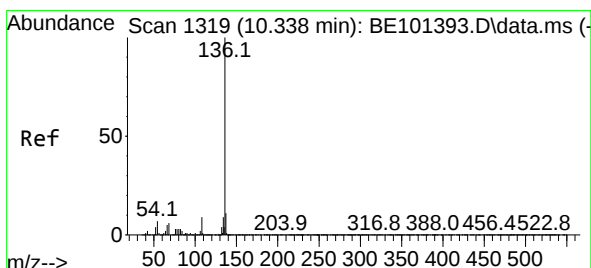
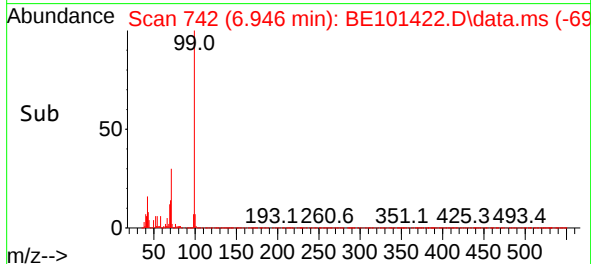
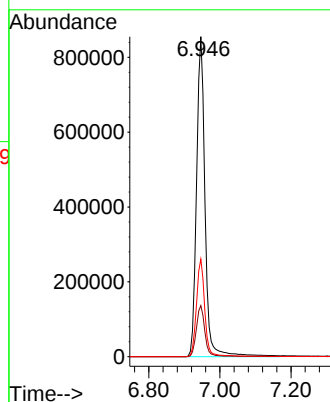
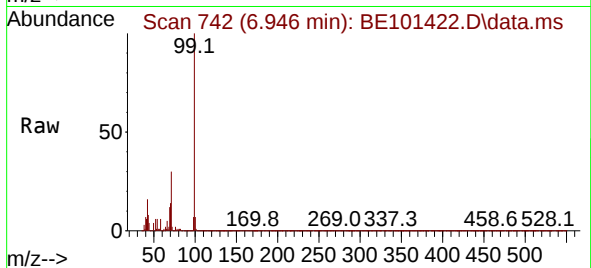


#7
Phenol-d6
Concen: 145.676 ng
RT: 6.946 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Instrument :
BNA_E
ClientSampleId :
PB164382BL

Tgt Ion: 99 Resp: 1427387

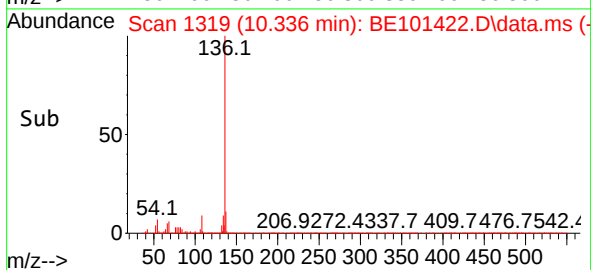
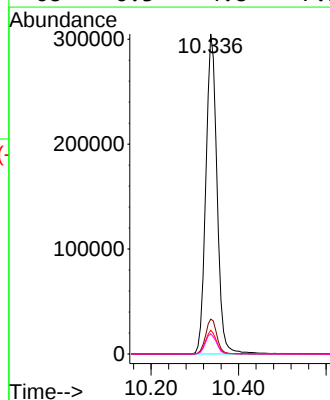
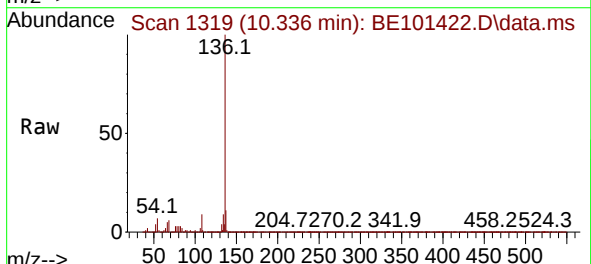
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.3	18.5
71	30.5	23.8	35.8

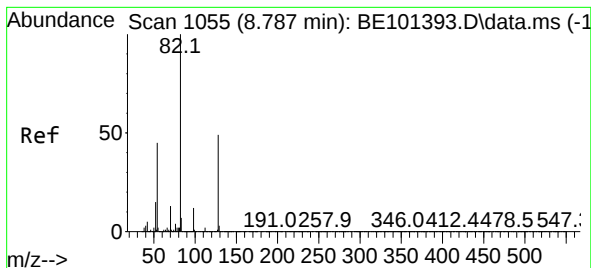


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.336 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101422.D
Acq: 30 Oct 2024 13:34

Tgt Ion:136 Resp: 541935

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.4	5.9	8.9
68	6.3	4.8	7.2





#23

Nitrobenzene-d5

Concen: 94.975 ng

RT: 8.779 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

Instrument :

BNA_E

ClientSampleId :

PB164382BL

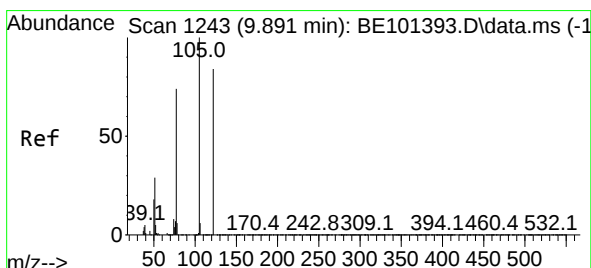
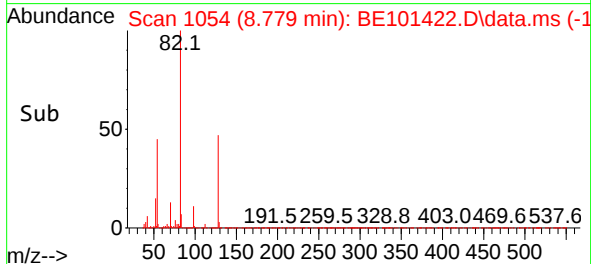
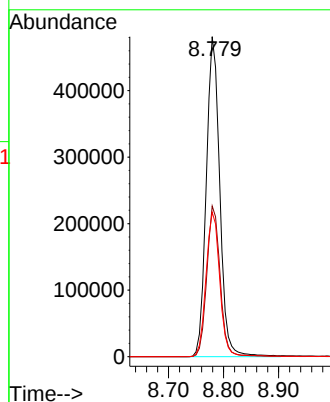
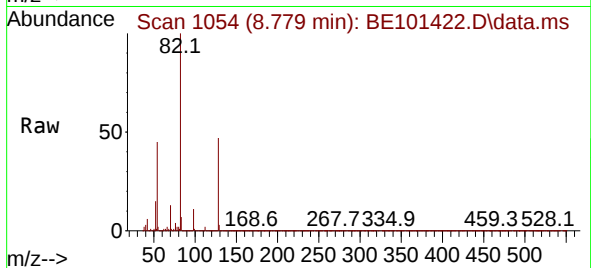
Tgt Ion: 82 Resp: 819469

Ion Ratio Lower Upper

82 100

128 47.1 38.9 58.3

54 45.1 36.2 54.4



#32

Benzoic acid

Concen: 8.219 ng

RT: 9.872 min Scan# 1240

Delta R.T. -0.019 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

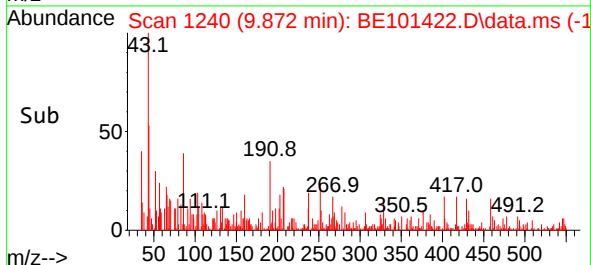
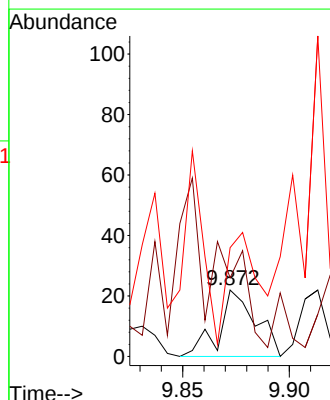
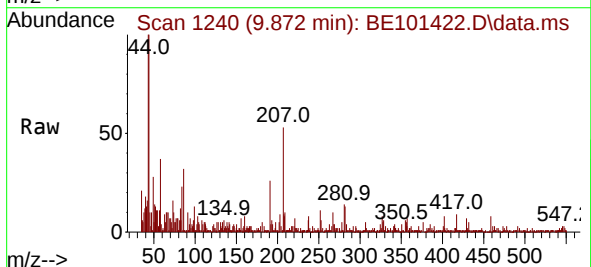
Tgt Ion: 122 Resp: 26

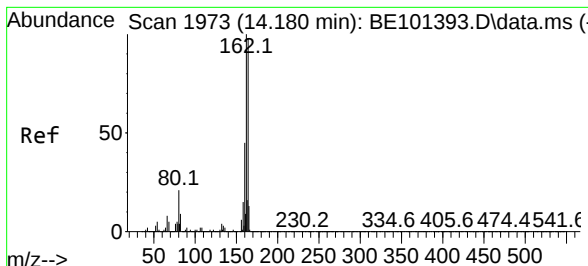
Ion Ratio Lower Upper

122 100

105 118.2 97.9 137.9

77 163.6 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: BE101422.D

Acq: 30 Oct 2024 13:34

Instrument :

BNA_E

ClientSampleId :

PB164382BL

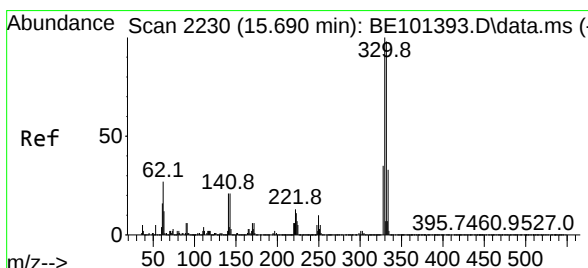
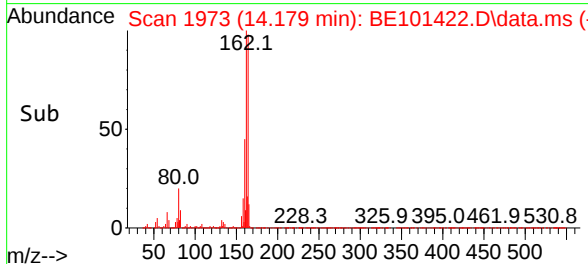
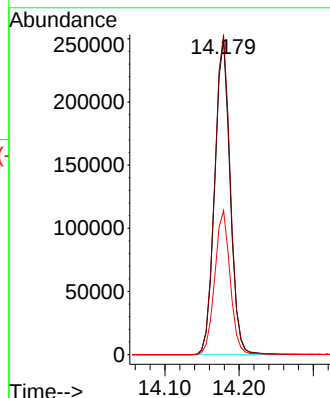
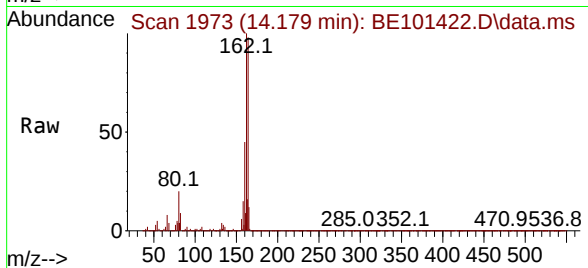
Tgt Ion:164 Resp: 358960

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.8 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 140.463 ng

RT: 15.683 min Scan# 2229

Delta R.T. -0.007 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

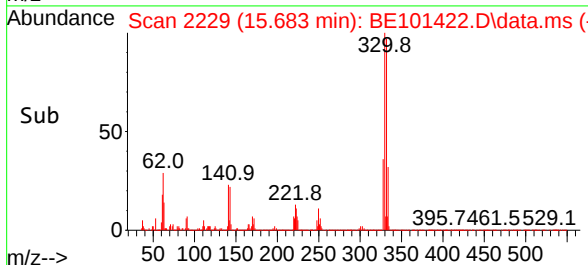
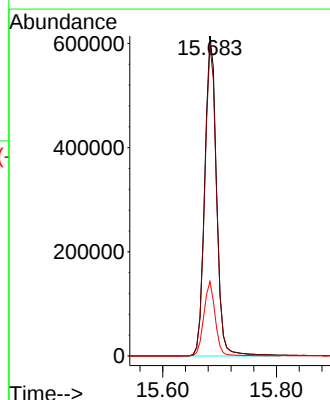
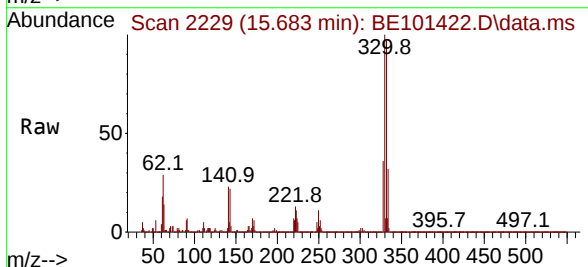
Tgt Ion:330 Resp: 883713

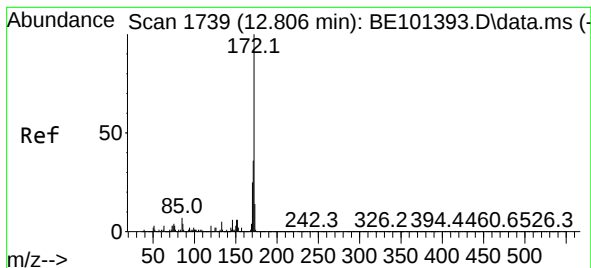
Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.2

141 22.5 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 99.439 ng

RT: 12.804 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

Instrument :

BNA_E

ClientSampleId :

PB164382BL

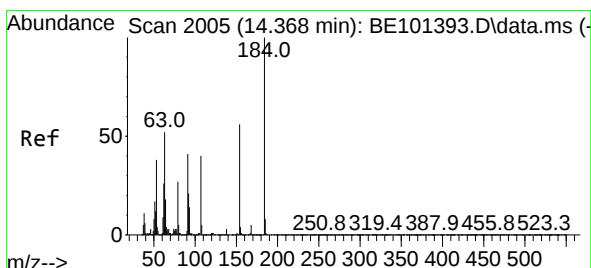
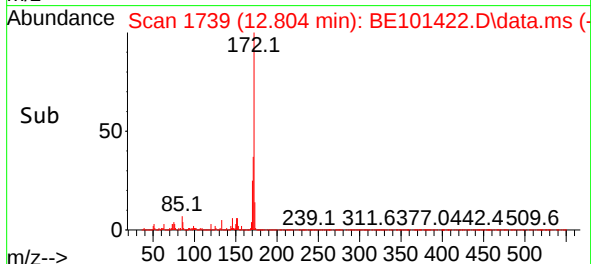
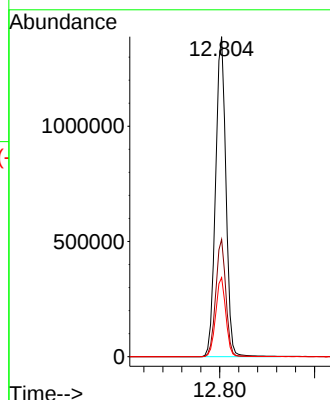
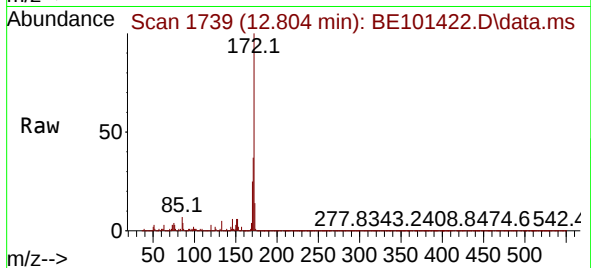
Tgt Ion:172 Resp: 2107705

Ion Ratio Lower Upper

172 100

171 36.6 29.2 43.8

170 24.7 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.620 ng

RT: 14.320 min Scan# 1997

Delta R.T. -0.048 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

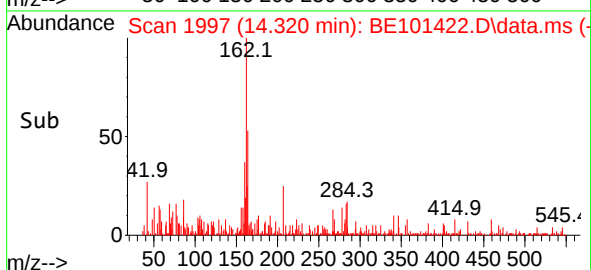
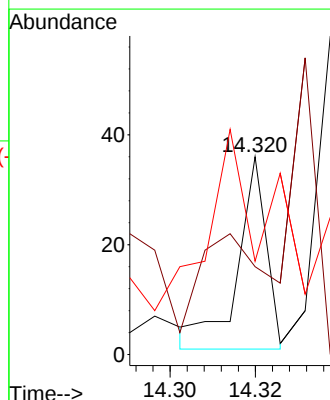
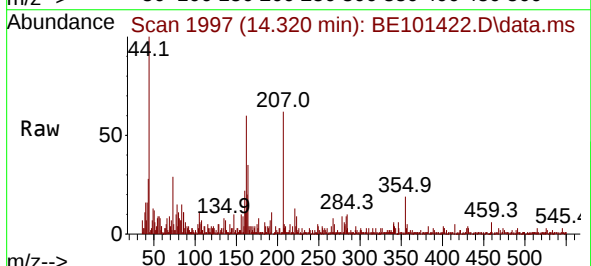
Tgt Ion:184 Resp: 16

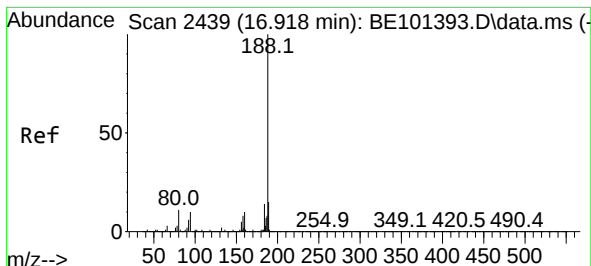
Ion Ratio Lower Upper

184 100

63 44.4 41.8 62.6

154 47.2 44.9 67.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.911 min Scan# 2439

Delta R.T. -0.007 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

Instrument :

BNA_E

ClientSampleId :

PB164382BL

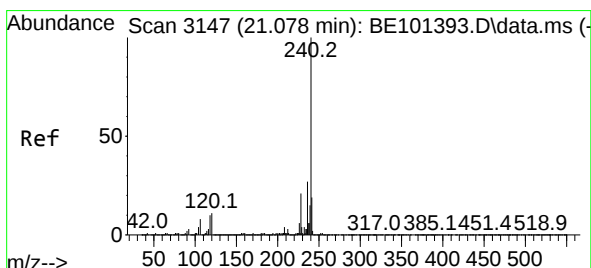
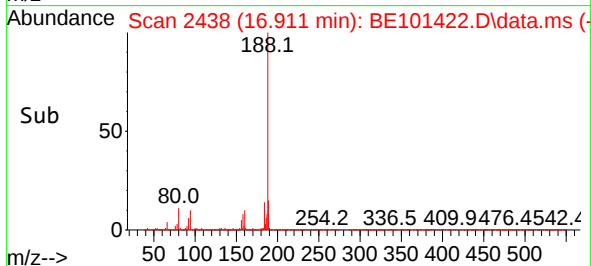
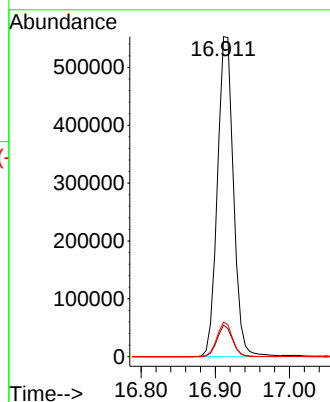
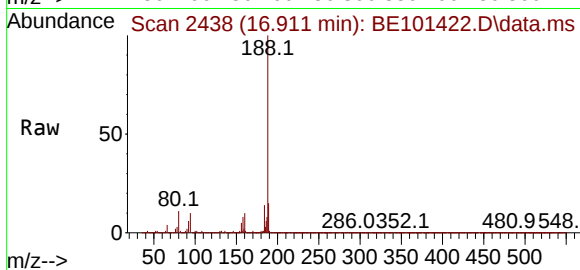
Tgt Ion:188 Resp: 831647

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 10.8 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.071 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

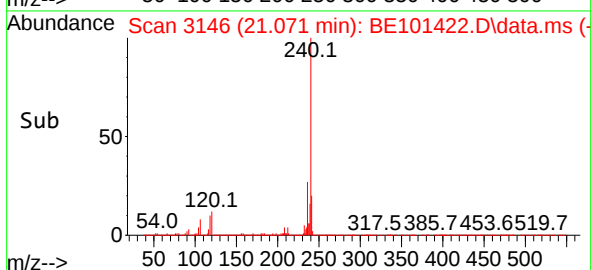
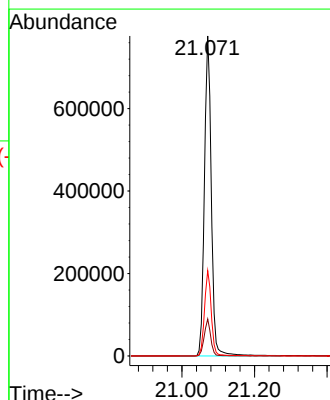
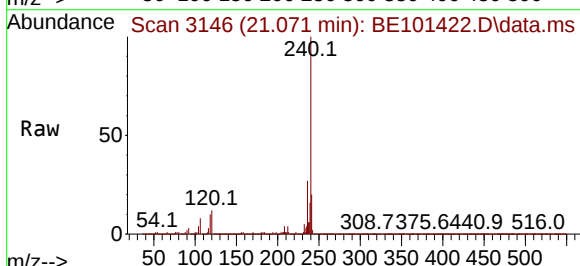
Tgt Ion:240 Resp: 1025552

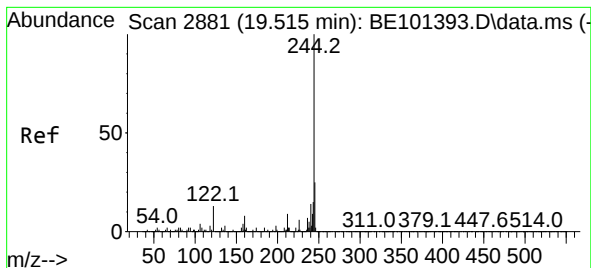
Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 87.563 ng

RT: 19.508 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

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PB164382BL

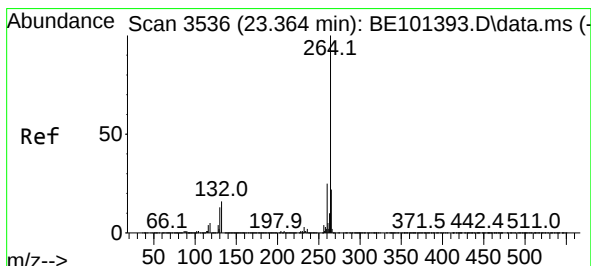
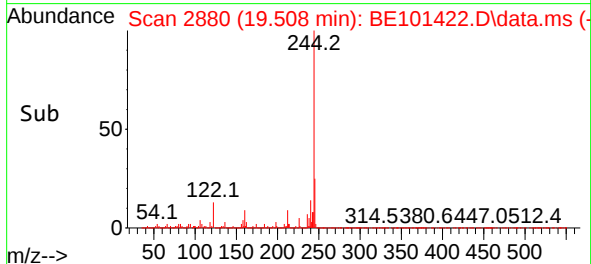
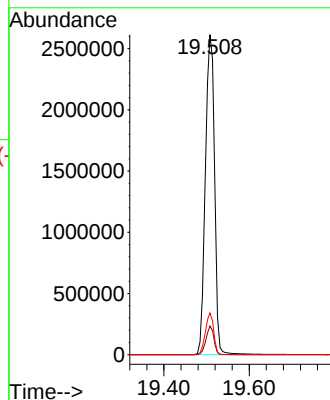
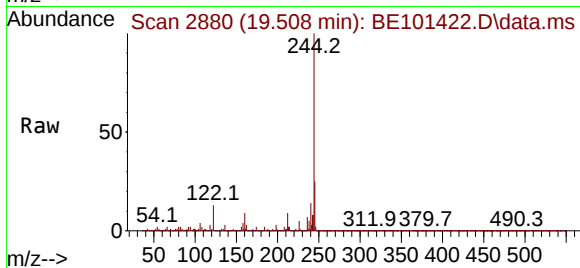
Tgt Ion:244 Resp: 3901753

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

122 13.1 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.356 min Scan# 3535

Delta R.T. -0.007 min

Lab File: BE101422.D

Acq: 30 Oct 2024 13:34

Tgt Ion:264 Resp: 1388354

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.8 17.6 26.4

