

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
 Data File : BE101398.D
 Acq On : 28 Oct 2024 17:16
 Operator : RC/JU
 Sample : PB164444BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164444BL

Quant Time: Oct 29 02:13:34 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)

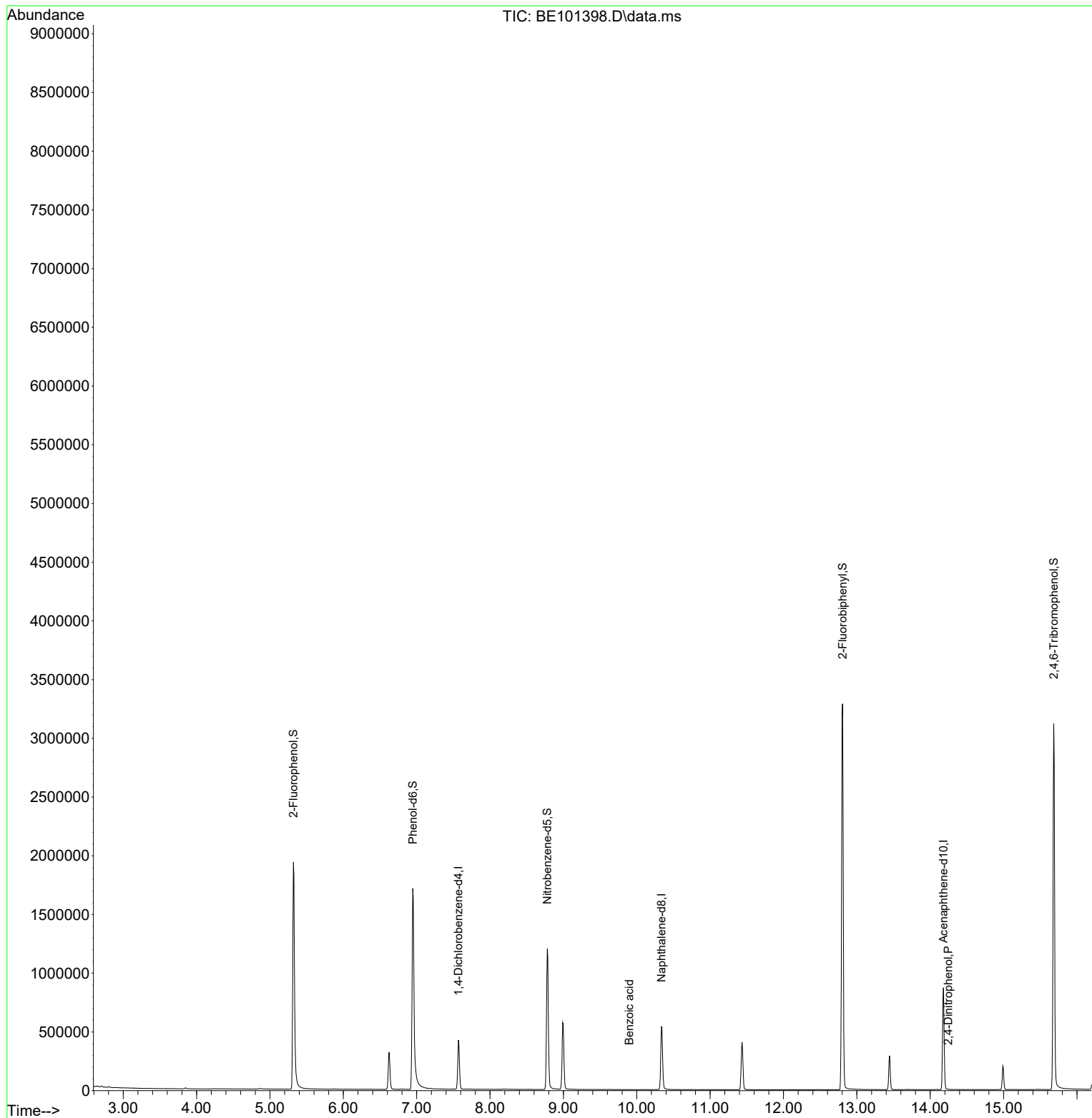
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	118322	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	491362	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	310603	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	737589	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1022924	20.000	ng	0.00
86) Perylene-d12	23.363	264	1406359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1030313	152.617	ng	0.00
7) Phenol-d6	6.947	99	1284721	137.243	ng	0.00
23) Nitrobenzene-d5	8.780	82	736289	94.117	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	764075	140.355	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	1824352	99.471	ng	0.00
79) Terphenyl-d14	19.509	244	3815334	85.844	ng	0.00
Target Compounds						
32) Benzoic acid	9.896	122	25	8.220	ng	Qvalue # 12
54) 2,4-Dinitrophenol	14.244	184	40	5.627	ng	96

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

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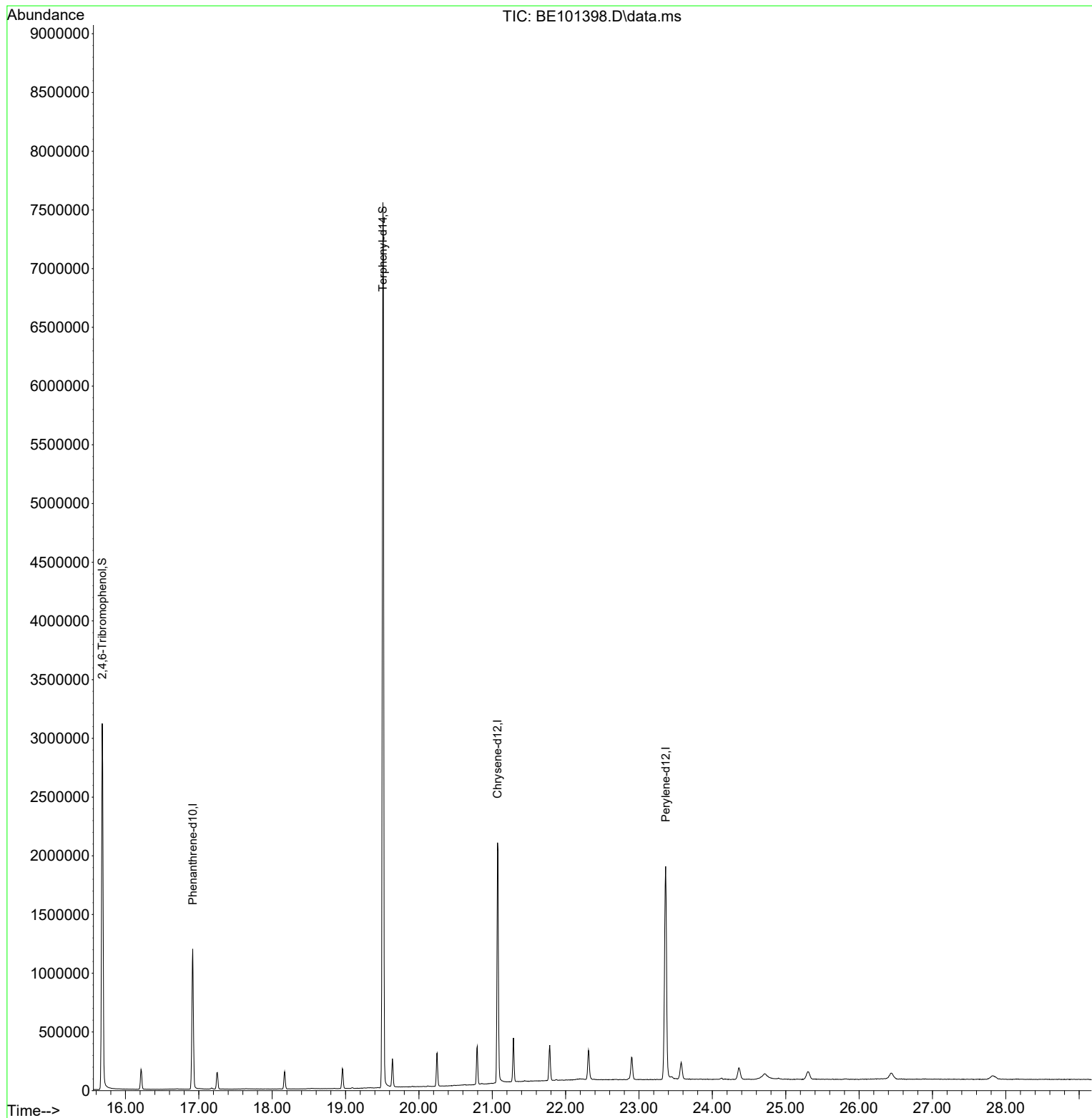
Quant Time: Oct 29 02:13:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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QLast Update : Tue Oct 29 01:26:30 2024
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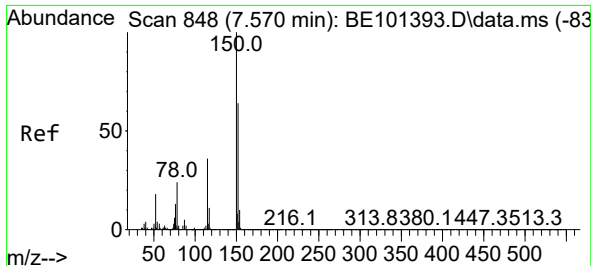


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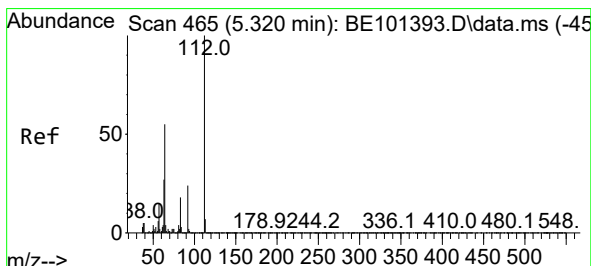
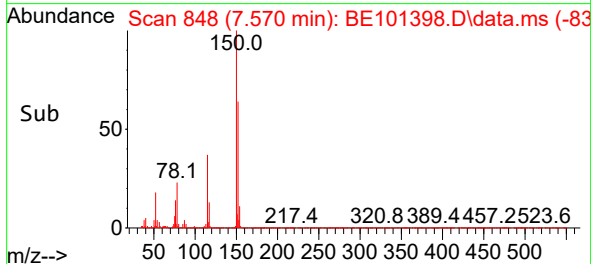
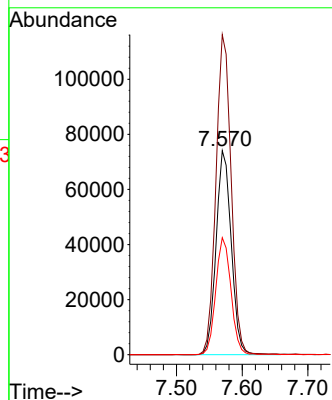
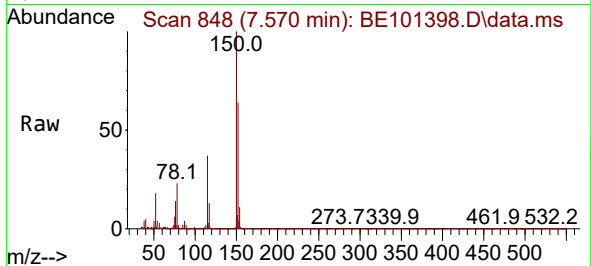




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

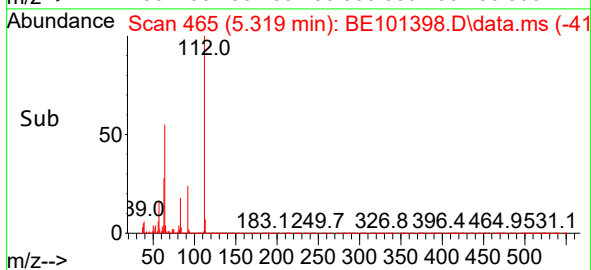
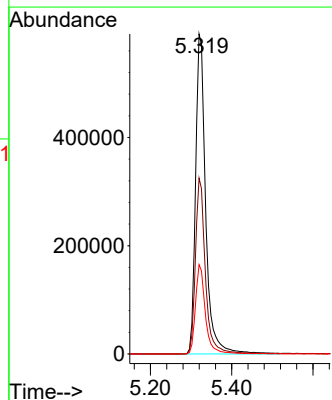
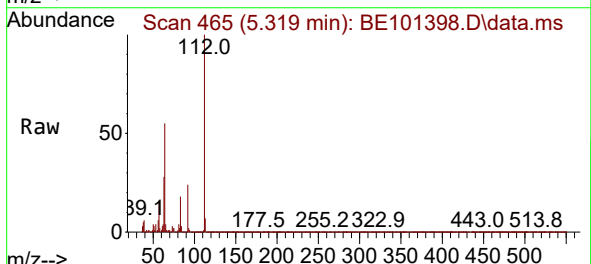
Instrument :
BNA_E
ClientSampleId :
PB164444BL

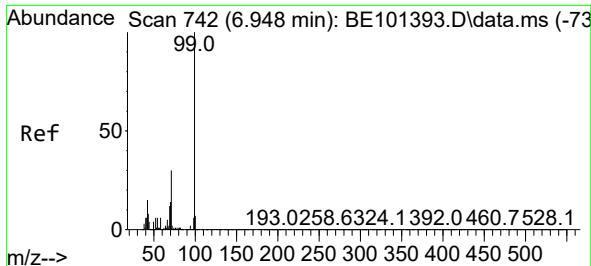
Tgt Ion:152 Resp: 118322
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.4
115 57.3 45.3 67.9



#5
2-Fluorophenol
Concen: 152.617 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:112 Resp: 1030313
Ion Ratio Lower Upper
112 100
64 55.0 43.7 65.5
63 27.9 21.4 32.2



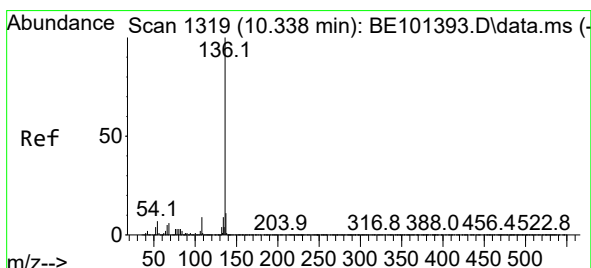
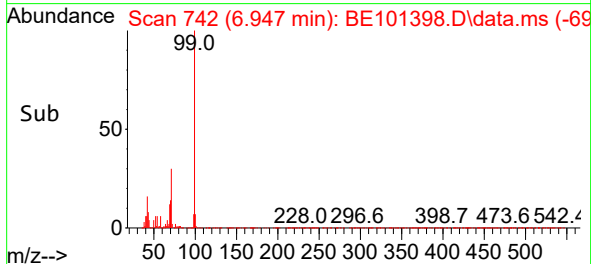
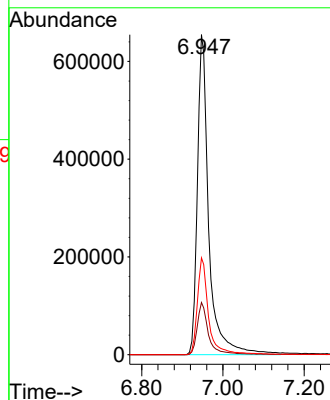
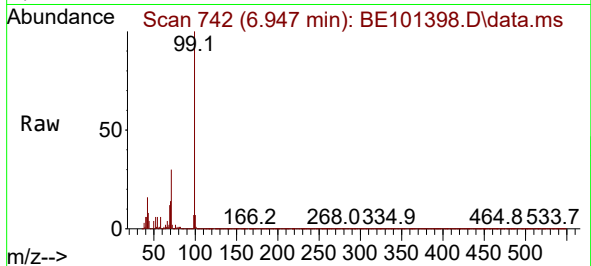


#7
Phenol-d6
Concen: 137.243 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB164444BL

Tgt Ion: 99 Resp: 1284721

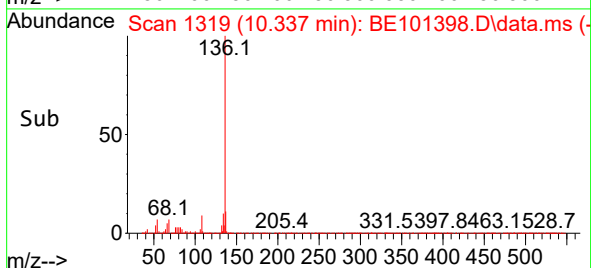
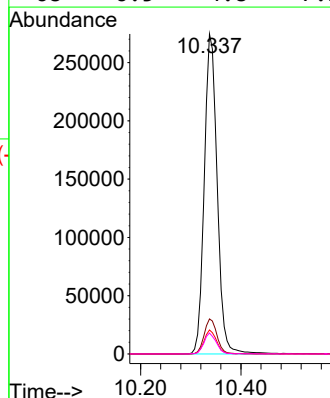
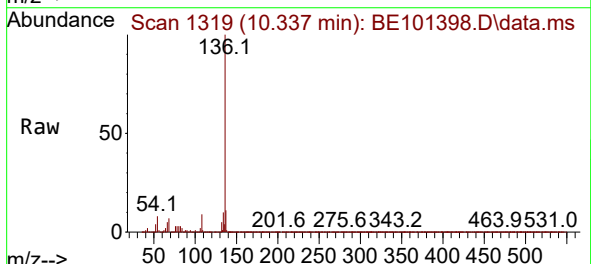
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.3	18.5
71	30.3	23.8	35.8

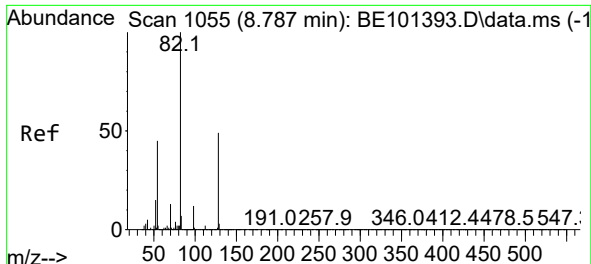


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion:136 Resp: 491362

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.5	5.9	8.9
68	6.5	4.8	7.2

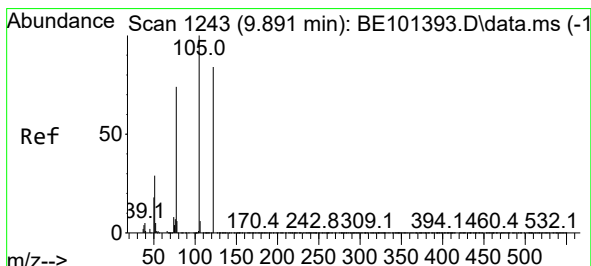
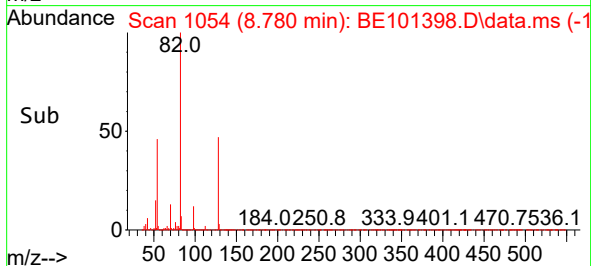
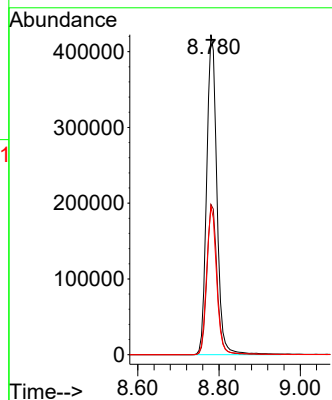
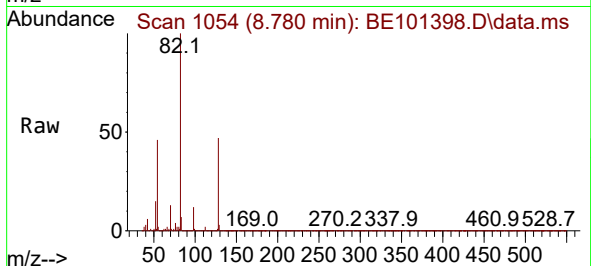




#23
Nitrobenzene-d5
Concen: 94.117 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

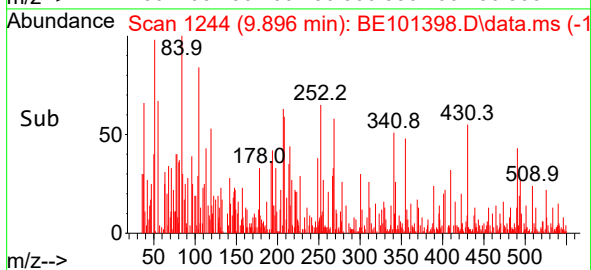
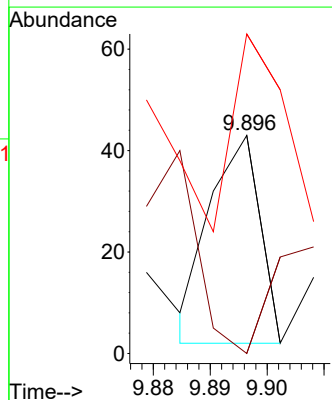
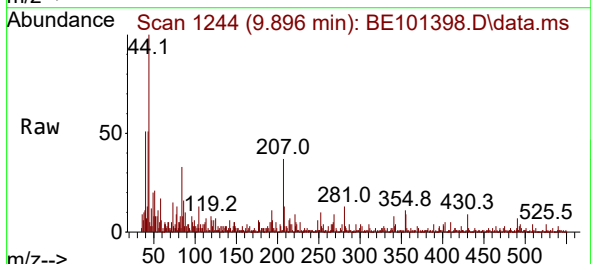
Instrument :
BNA_E
ClientSampleId :
PB164444BL

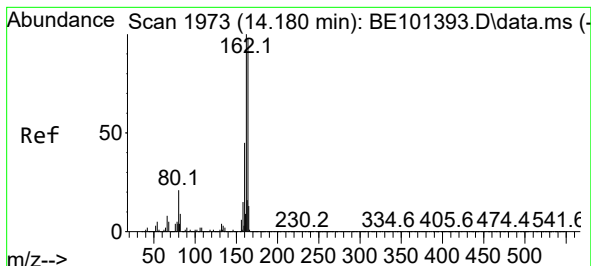
Tgt Ion: 82 Resp: 736289
Ion Ratio Lower Upper
82 100
128 46.9 38.9 58.3
54 46.2 36.2 54.4



#32
Benzoic acid
Concen: 8.220 ng
RT: 9.896 min Scan# 1244
Delta R.T. 0.005 min
Lab File: BE101398.D
Acq: 28 Oct 2024 17:16

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 0.0 97.9 137.9#
77 146.5 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: BE101398.D

Acq: 28 Oct 2024 17:16

Instrument :

BNA_E

ClientSampleId :

PB164444BL

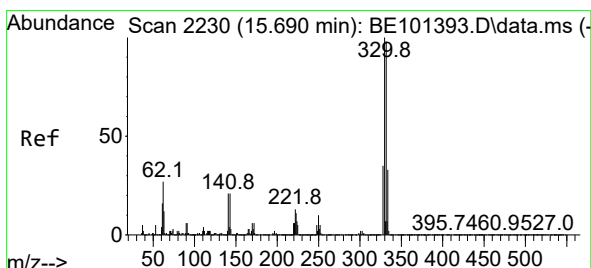
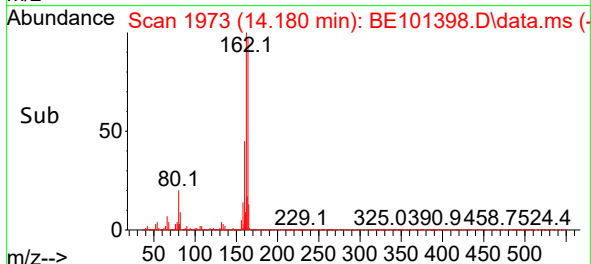
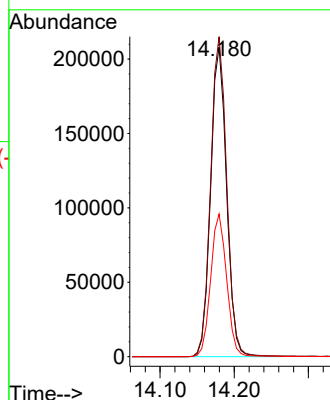
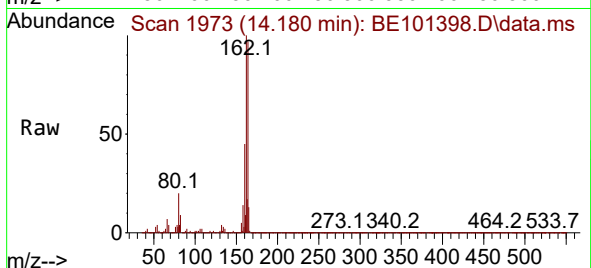
Tgt Ion:164 Resp: 310603

Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

160 46.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 140.355 ng

RT: 15.684 min Scan# 2229

Delta R.T. -0.007 min

Lab File: BE101398.D

Acq: 28 Oct 2024 17:16

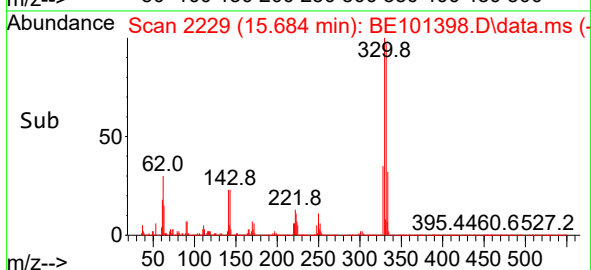
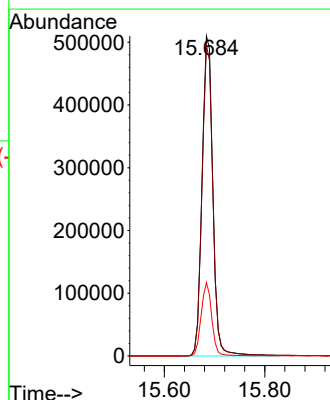
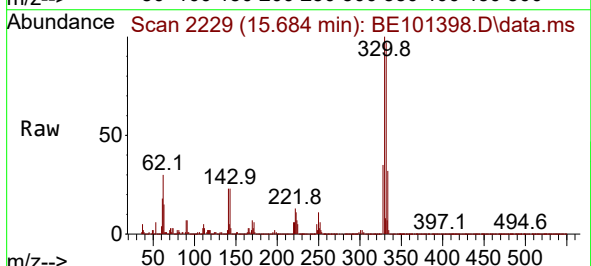
Tgt Ion:330 Resp: 764075

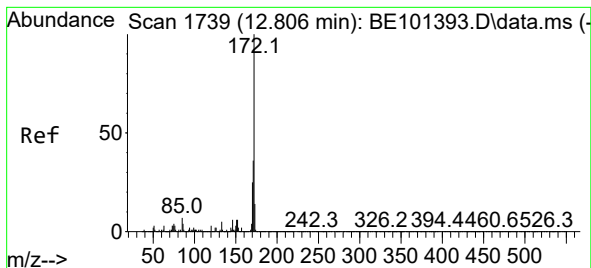
Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.2

141 22.5 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 99.471 ng

RT: 12.805 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101398.D

Acq: 28 Oct 2024 17:16

Instrument :

BNA_E

ClientSampleId :

PB164444BL

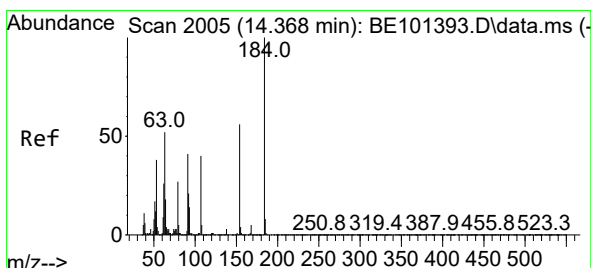
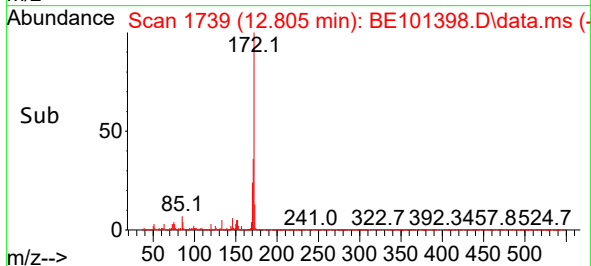
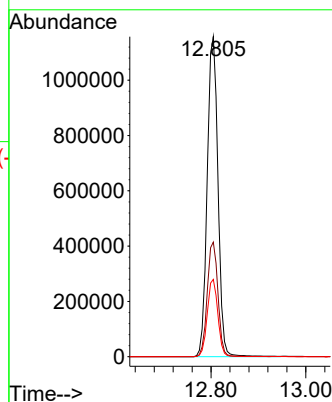
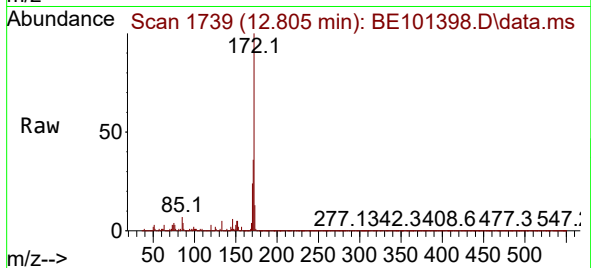
Tgt Ion:172 Resp: 1824352

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 24.1 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.627 ng

RT: 14.244 min Scan# 1984

Delta R.T. -0.124 min

Lab File: BE101398.D

Acq: 28 Oct 2024 17:16

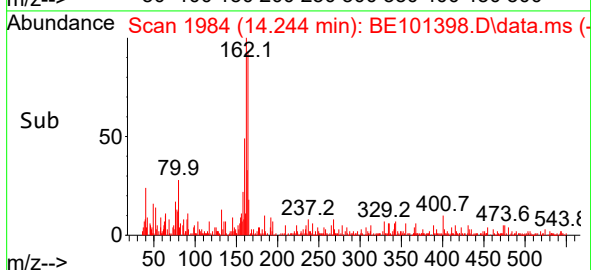
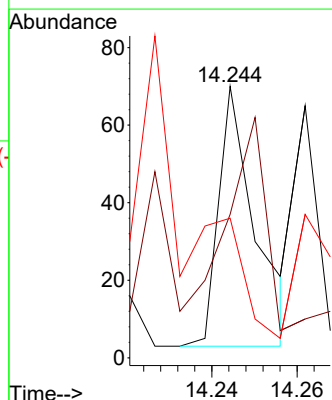
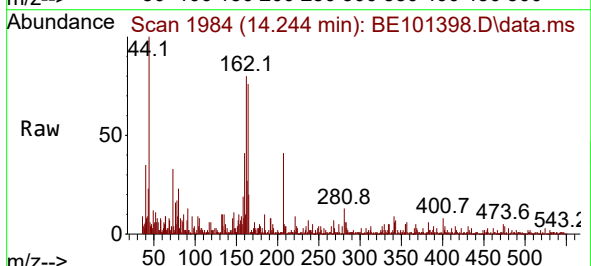
Tgt Ion:184 Resp: 40

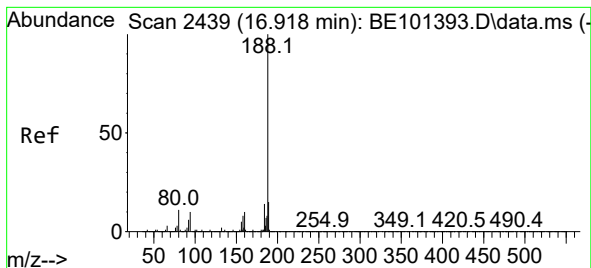
Ion Ratio Lower Upper

184 100

63 52.9 41.8 62.6

154 51.4 44.9 67.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.918 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BE101398.D

Acq: 28 Oct 2024 17:16

Instrument :

BNA_E

ClientSampleId :

PB164444BL

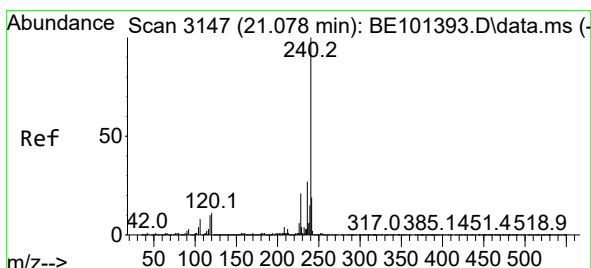
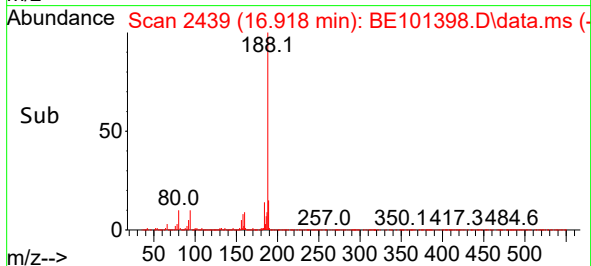
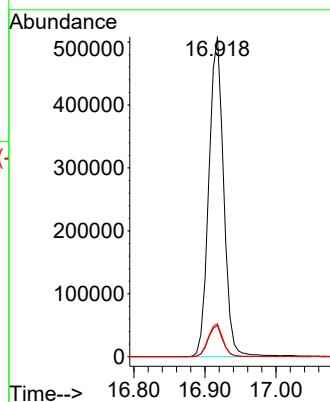
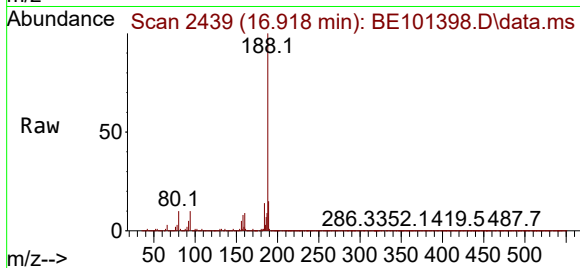
Tgt Ion:188 Resp: 737589

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.8

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BE101398.D

Acq: 28 Oct 2024 17:16

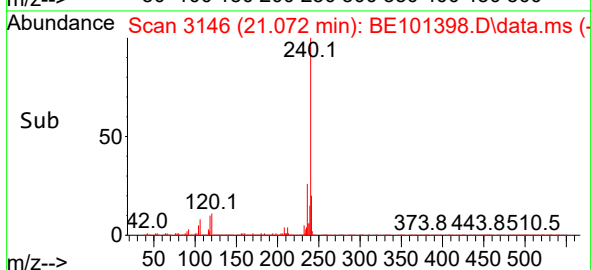
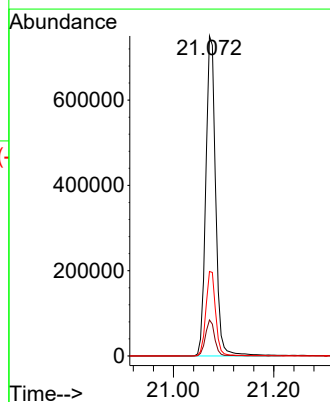
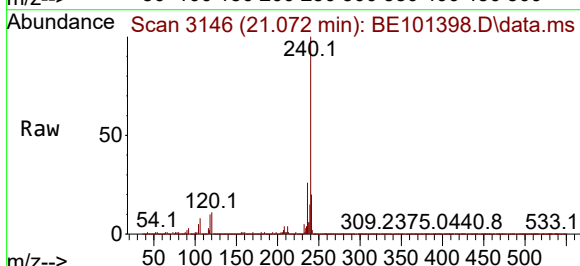
Tgt Ion:240 Resp: 1022924

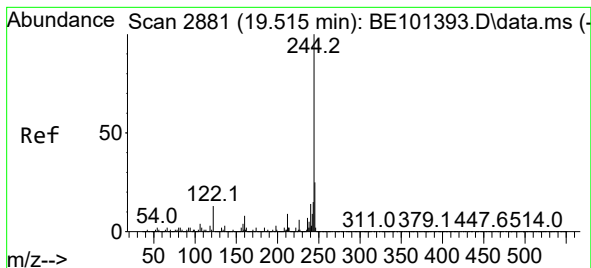
Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

236 26.4 21.4 32.0





#79

Terphenyl-d14

Concen: 85.844 ng

RT: 19.509 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101398.D

Acq: 28 Oct 2024 17:16

Instrument :

BNA_E

ClientSampleId :

PB164444BL

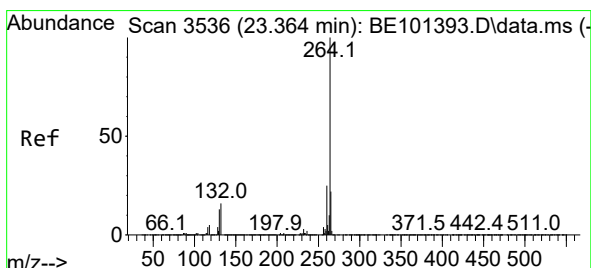
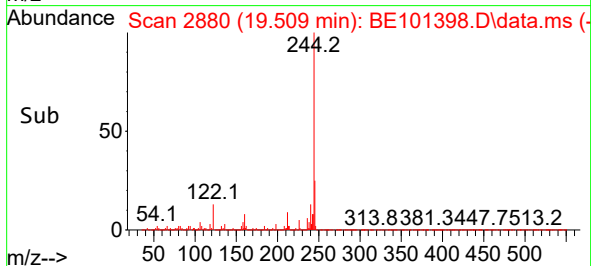
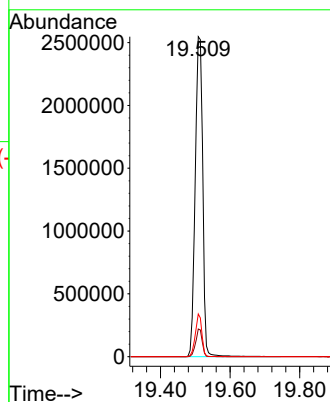
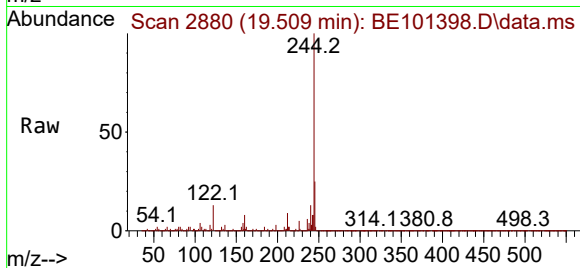
Tgt Ion:244 Resp: 3815334

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

122 13.3 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: BE101398.D

Acq: 28 Oct 2024 17:16

Tgt Ion:264 Resp: 1406359

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.4 17.6 26.4

