

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101417.D
 Acq On : 30 Oct 2024 10:35
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164401BL

Quant Time: Oct 30 11:17:12 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)

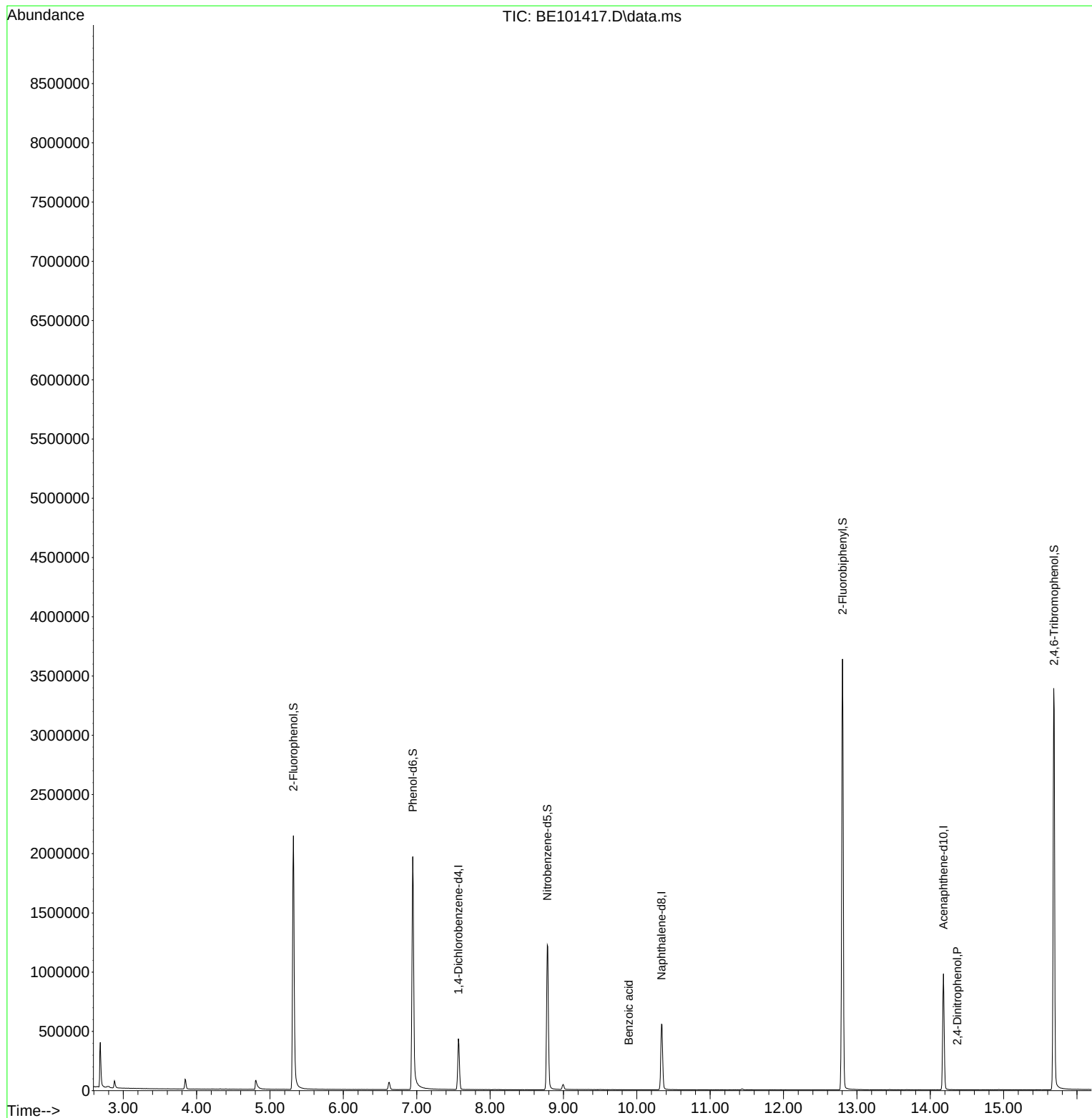
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	120181	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	516854	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	338564	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	823184	20.000	ng	0.00
76) Chrysene-d12	21.071	240	1040671	20.000	ng	0.00
86) Perylene-d12	23.362	264	1417194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1063066	155.033	ng	0.00
7) Phenol-d6	6.946	99	1349771	141.962	ng	0.00
23) Nitrobenzene-d5	8.780	82	762023	92.603	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	820123	138.209	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	1948901	97.486	ng	0.00
79) Terphenyl-d14	19.514	244	3846837	85.077	ng	0.00
Target Compounds						
32) Benzoic acid	9.890	122	35	8.221	ng	# 85
54) 2,4-Dinitrophenol	14.367	184	10	5.619	ng	# 7

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

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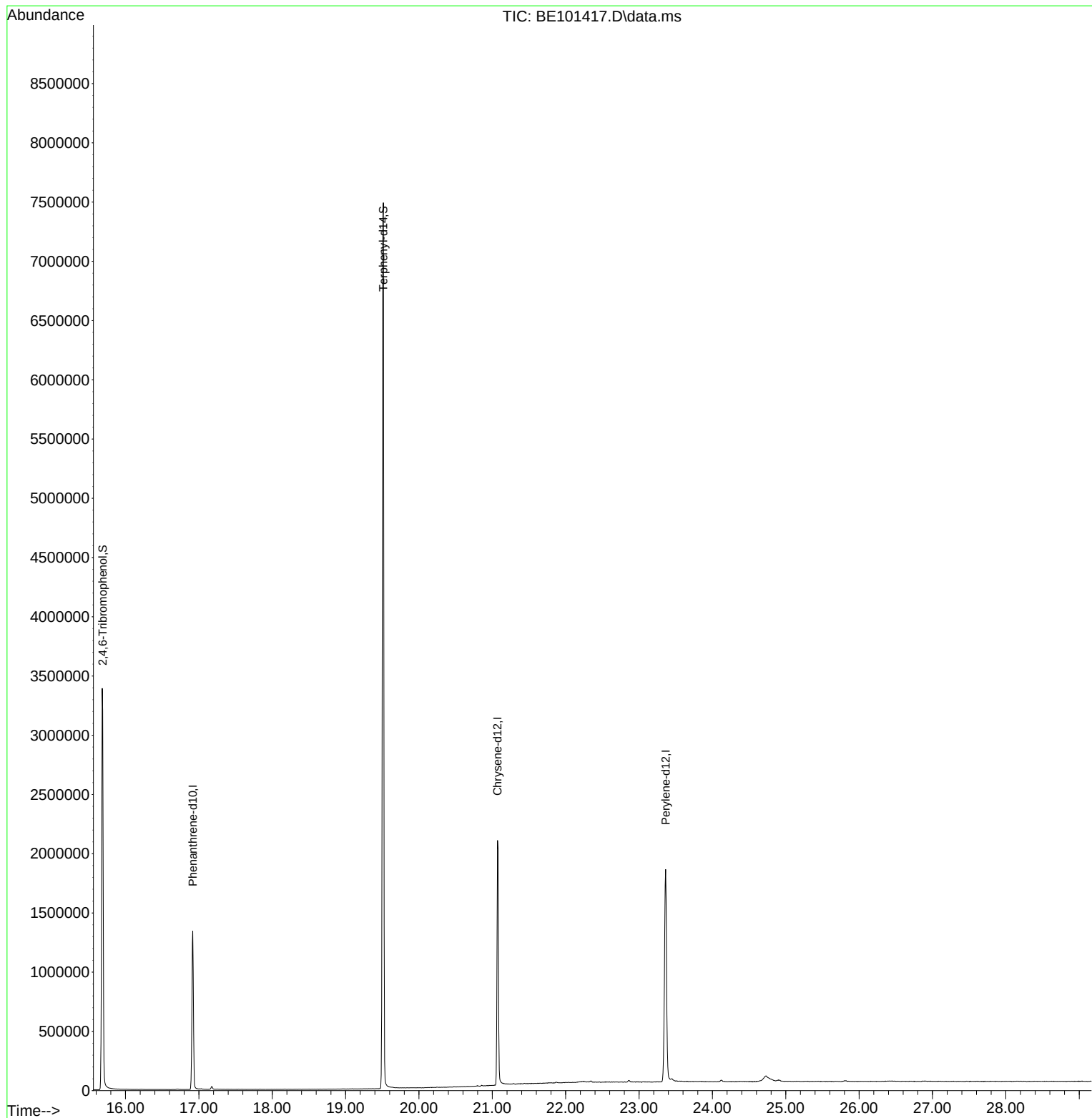
Quant Time: Oct 30 11:17:12 2024
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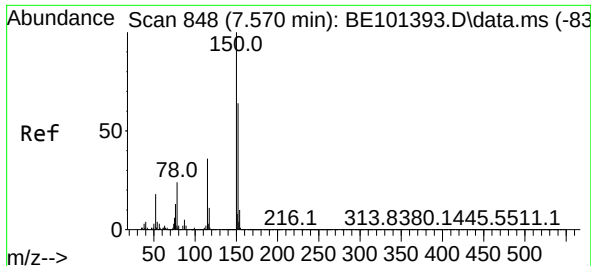


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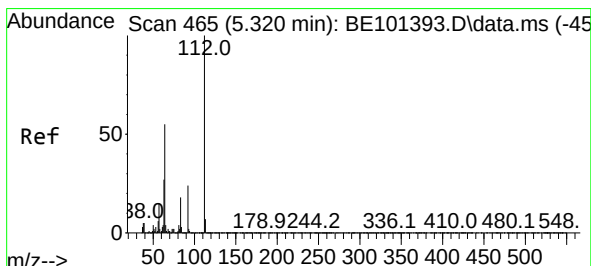
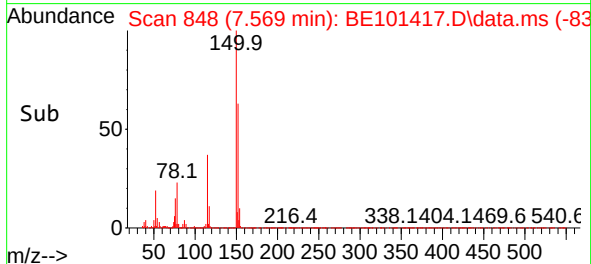
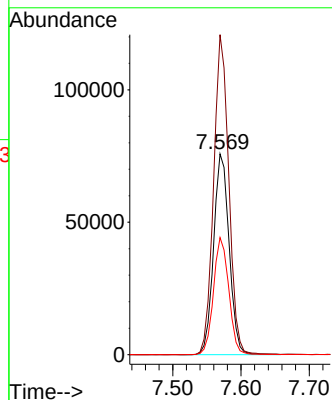
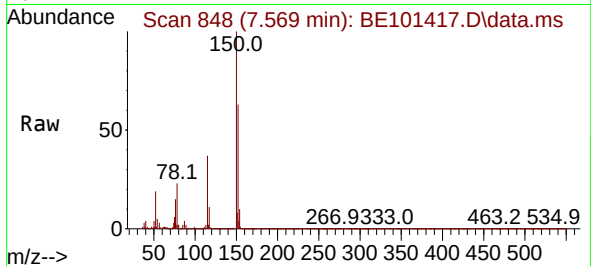




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

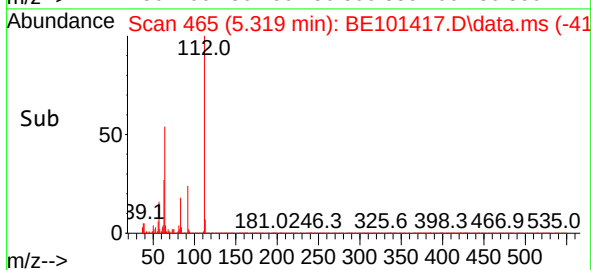
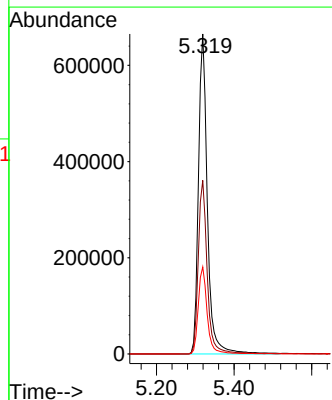
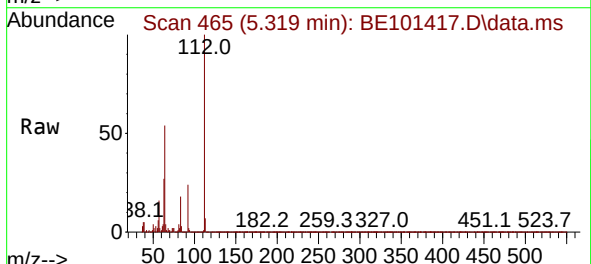
Instrument :
BNA_E
ClientSampleId :
PB164401BL

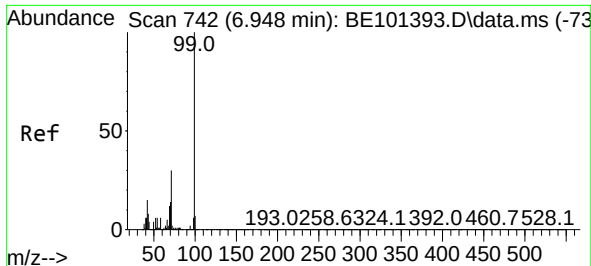
Tgt Ion:152 Resp: 120181
Ion Ratio Lower Upper
152 100
150 159.4 124.2 186.4
115 58.3 45.3 67.9



#5
2-Fluorophenol
Concen: 155.033 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:112 Resp: 1063066
Ion Ratio Lower Upper
112 100
64 54.3 43.7 65.5
63 27.2 21.4 32.2



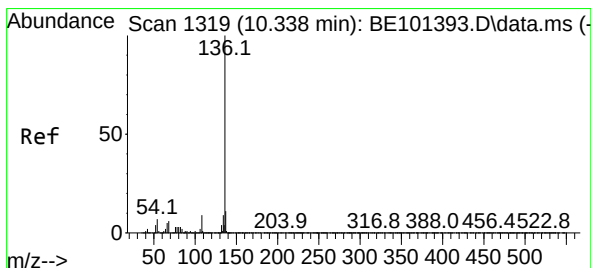
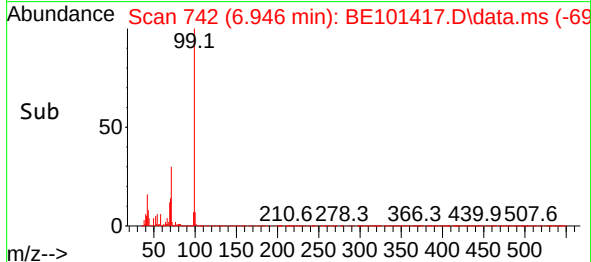
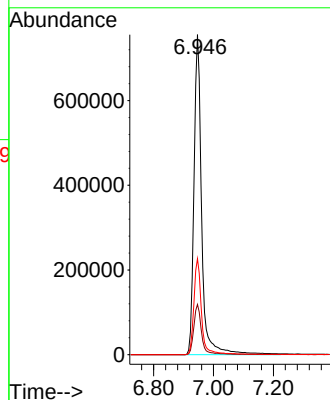
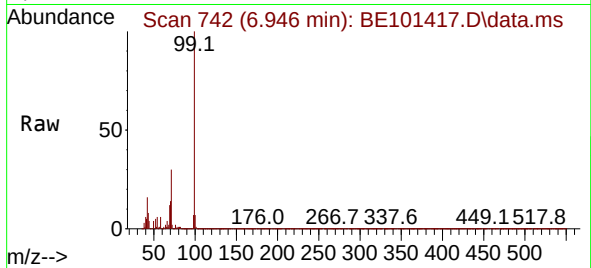


#7
Phenol-d6
Concen: 141.962 ng
RT: 6.946 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion: 99 Resp: 1349771

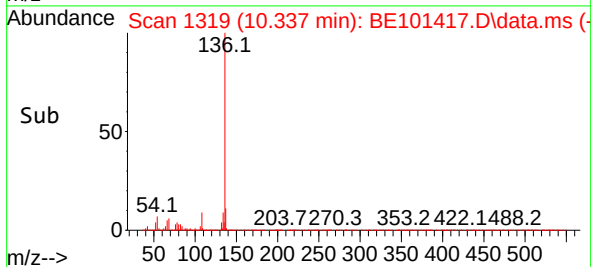
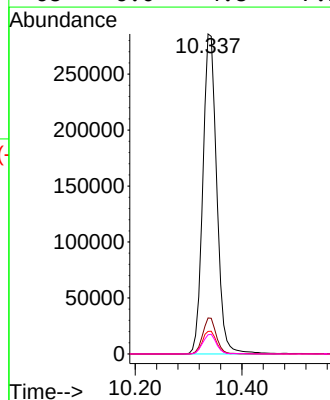
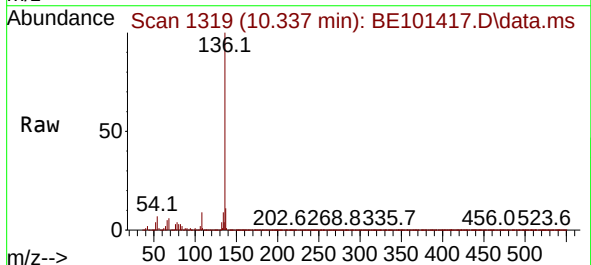
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.3	18.5
71	30.0	23.8	35.8

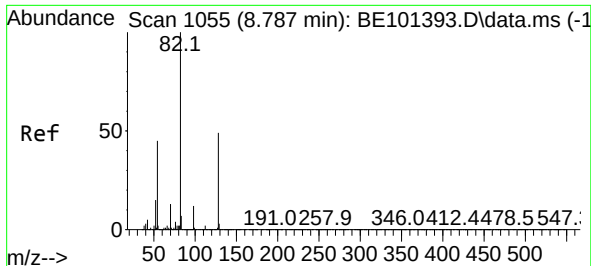


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:136 Resp: 516854

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.1	5.9	8.9
68	6.0	4.8	7.2

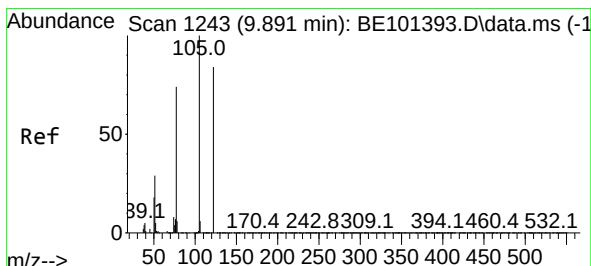
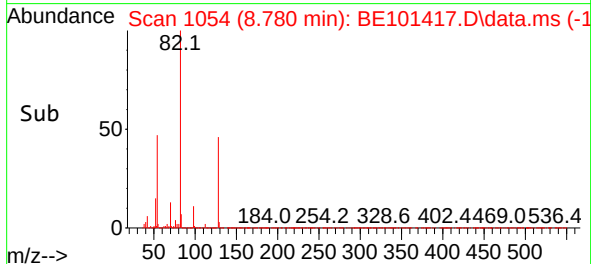
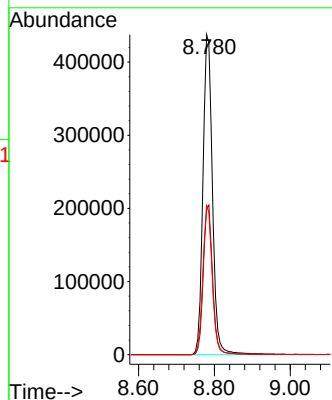
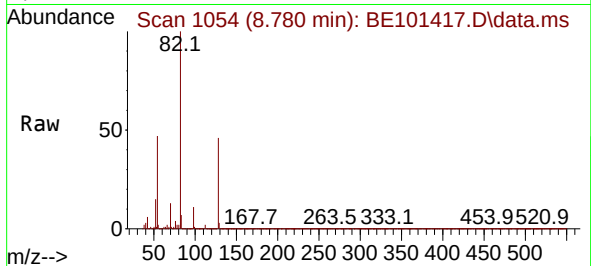




#23
Nitrobenzene-d5
Concen: 92.603 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

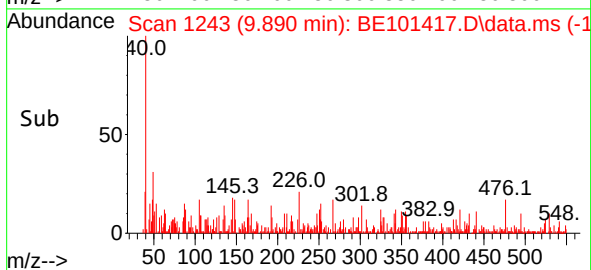
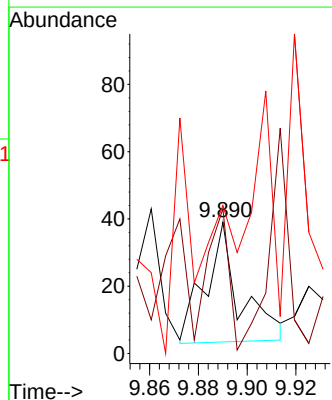
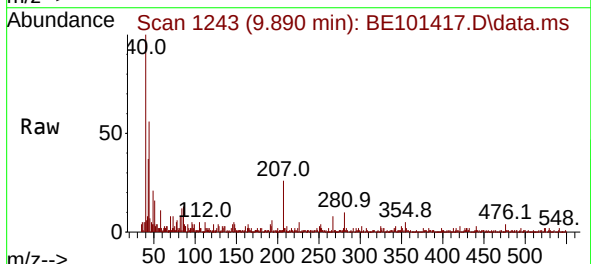
Instrument :
BNA_E
ClientSampleId :
PB164401BL

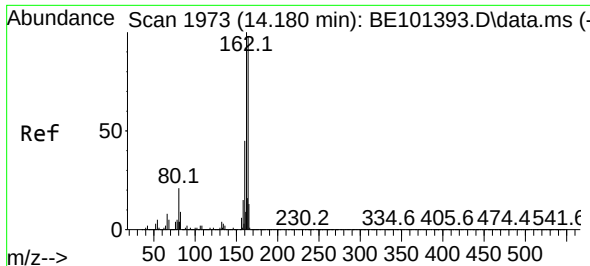
Tgt Ion: 82 Resp: 762023
Ion Ratio Lower Upper
82 100
128 45.8 38.9 58.3
54 46.6 36.2 54.4



#32
Benzoic acid
Concen: 8.221 ng
RT: 9.890 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion: 122 Resp: 35
Ion Ratio Lower Upper
122 100
105 110.3 97.9 137.9
77 112.8 68.1 108.1#

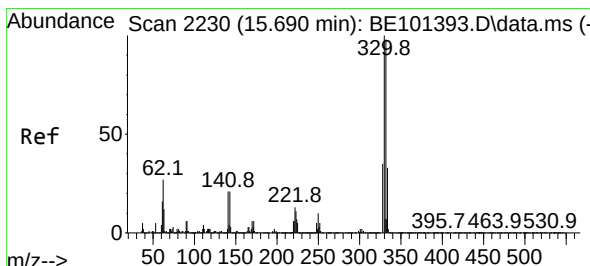
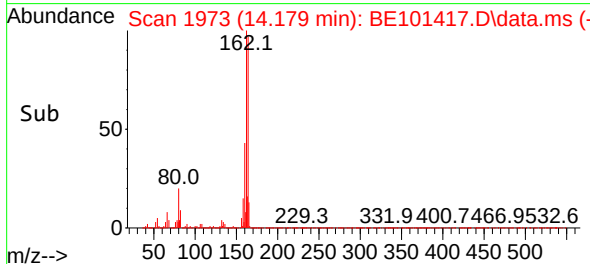
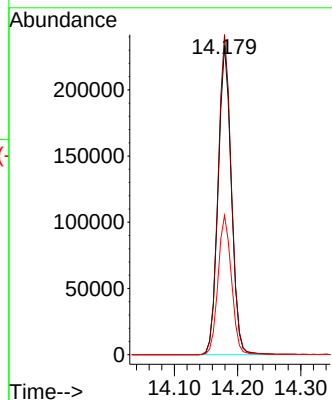
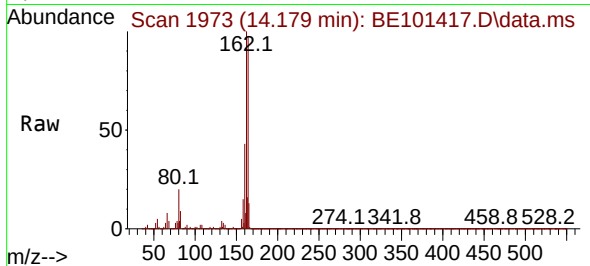




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

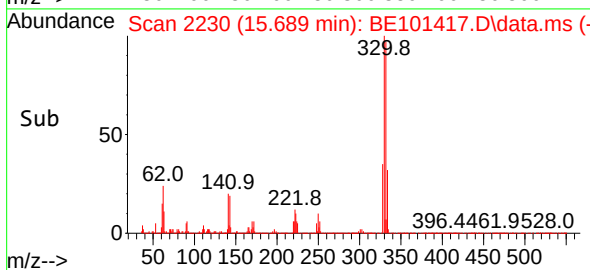
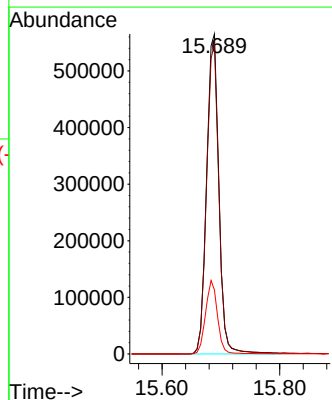
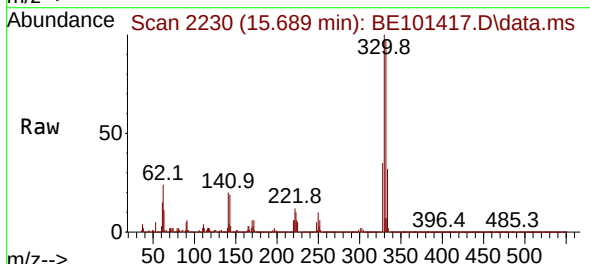
Instrument :
BNA_E
ClientSampleId :
PB164401BL

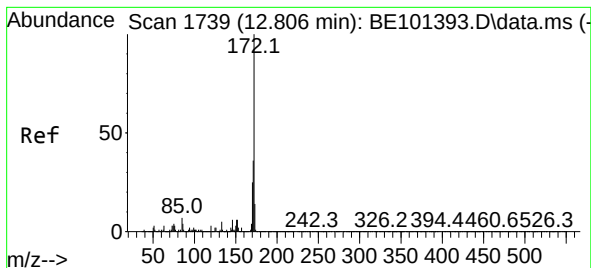
Tgt Ion:164 Resp: 338564
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.0 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 138.209 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:330 Resp: 820123
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 22.3 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 97.486 ng

RT: 12.804 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101417.D

Acq: 30 Oct 2024 10:35

Instrument :

BNA_E

ClientSampleId :

PB164401BL

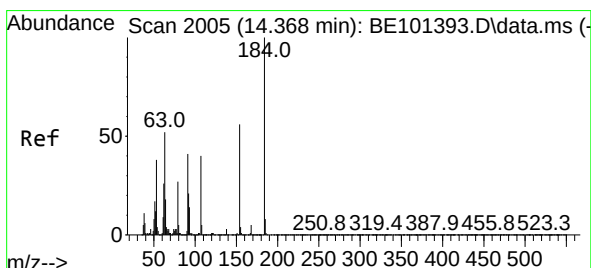
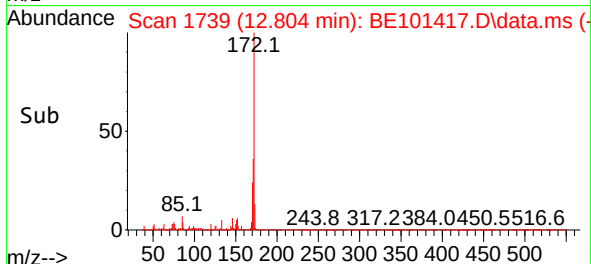
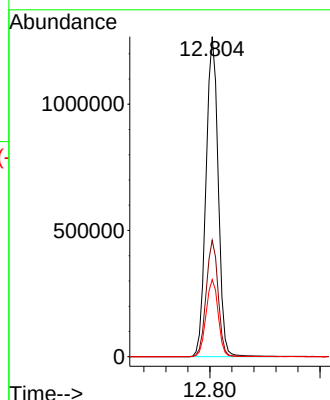
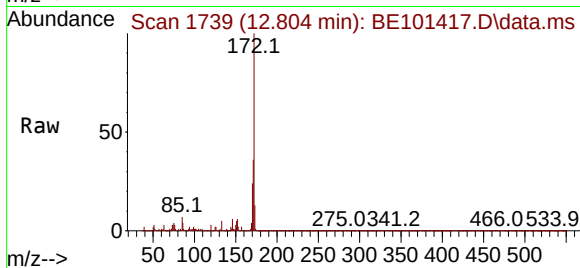
Tgt Ion:172 Resp: 1948901

Ion Ratio Lower Upper

172 100

171 36.4 29.2 43.8

170 24.1 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.619 ng

RT: 14.367 min Scan# 2005

Delta R.T. -0.001 min

Lab File: BE101417.D

Acq: 30 Oct 2024 10:35

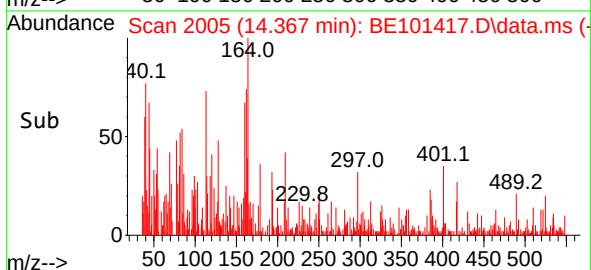
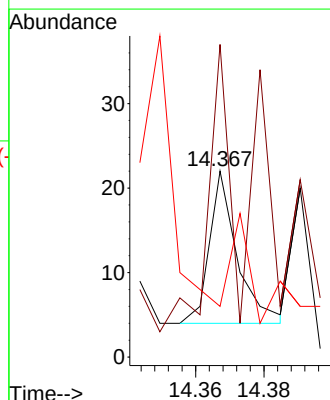
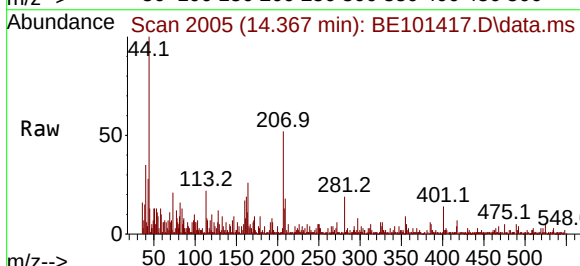
Tgt Ion:184 Resp: 10

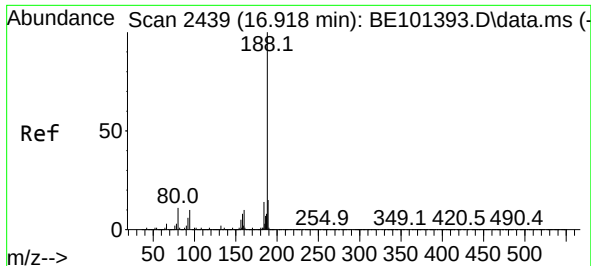
Ion Ratio Lower Upper

184 100

63 168.2 41.8 62.6#

154 36.4 44.9 67.3#

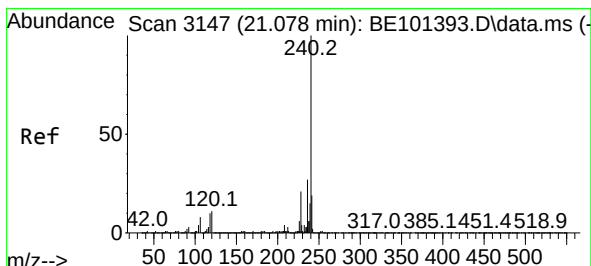
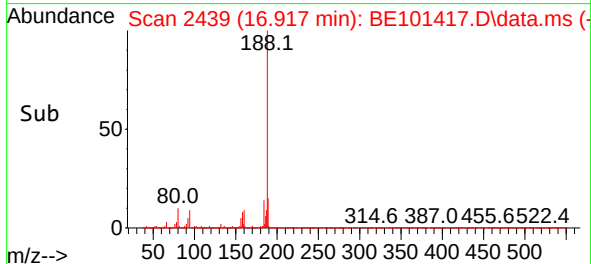
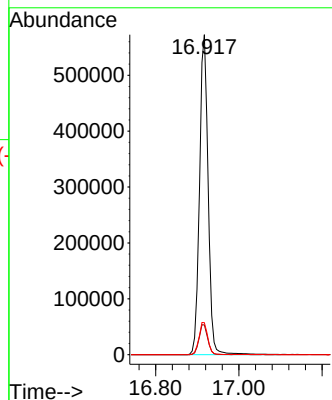
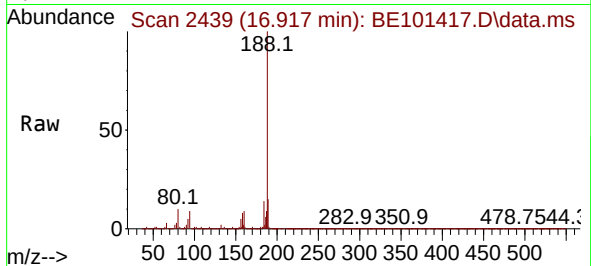




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

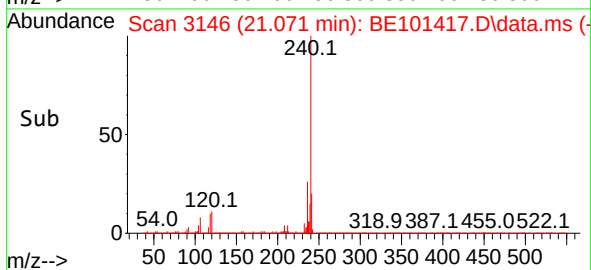
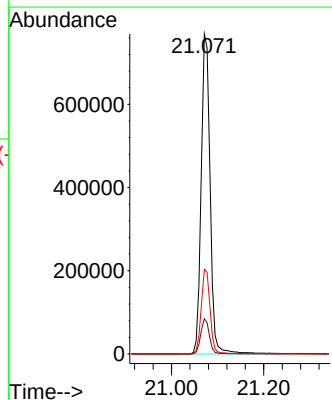
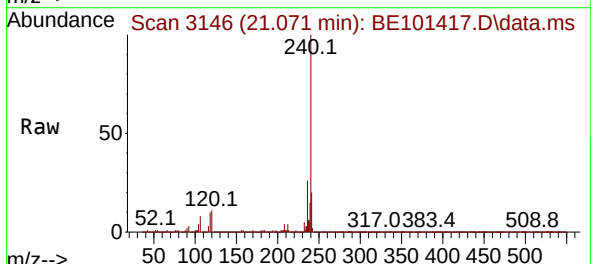
Instrument :
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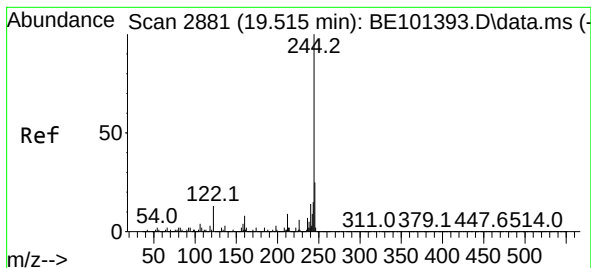
Tgt Ion:188 Resp: 823184
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.8
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:240 Resp: 1040671
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 85.077 ng

RT: 19.514 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BE101417.D

Acq: 30 Oct 2024 10:35

Instrument :

BNA_E

ClientSampleId :

PB164401BL

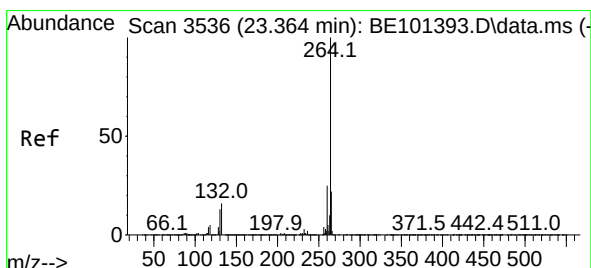
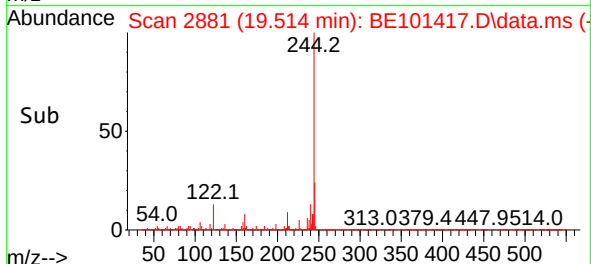
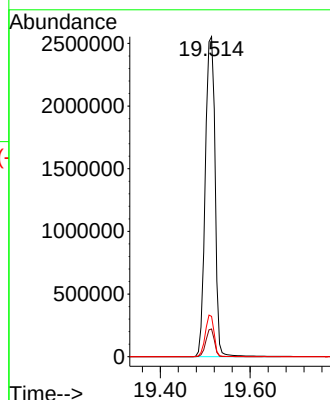
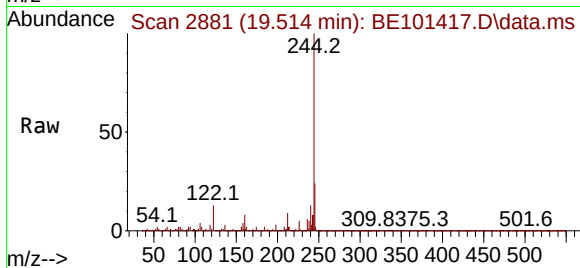
Tgt Ion:244 Resp: 3846837

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

122 12.6 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.362 min Scan# 3536

Delta R.T. -0.001 min

Lab File: BE101417.D

Acq: 30 Oct 2024 10:35

Tgt Ion:264 Resp: 1417194

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 22.0 17.6 26.4

