

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101473.D
 Acq On : 5 Nov 2024 11:33
 Operator : RC/JU
 Sample : PB164639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 11:18:06 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)

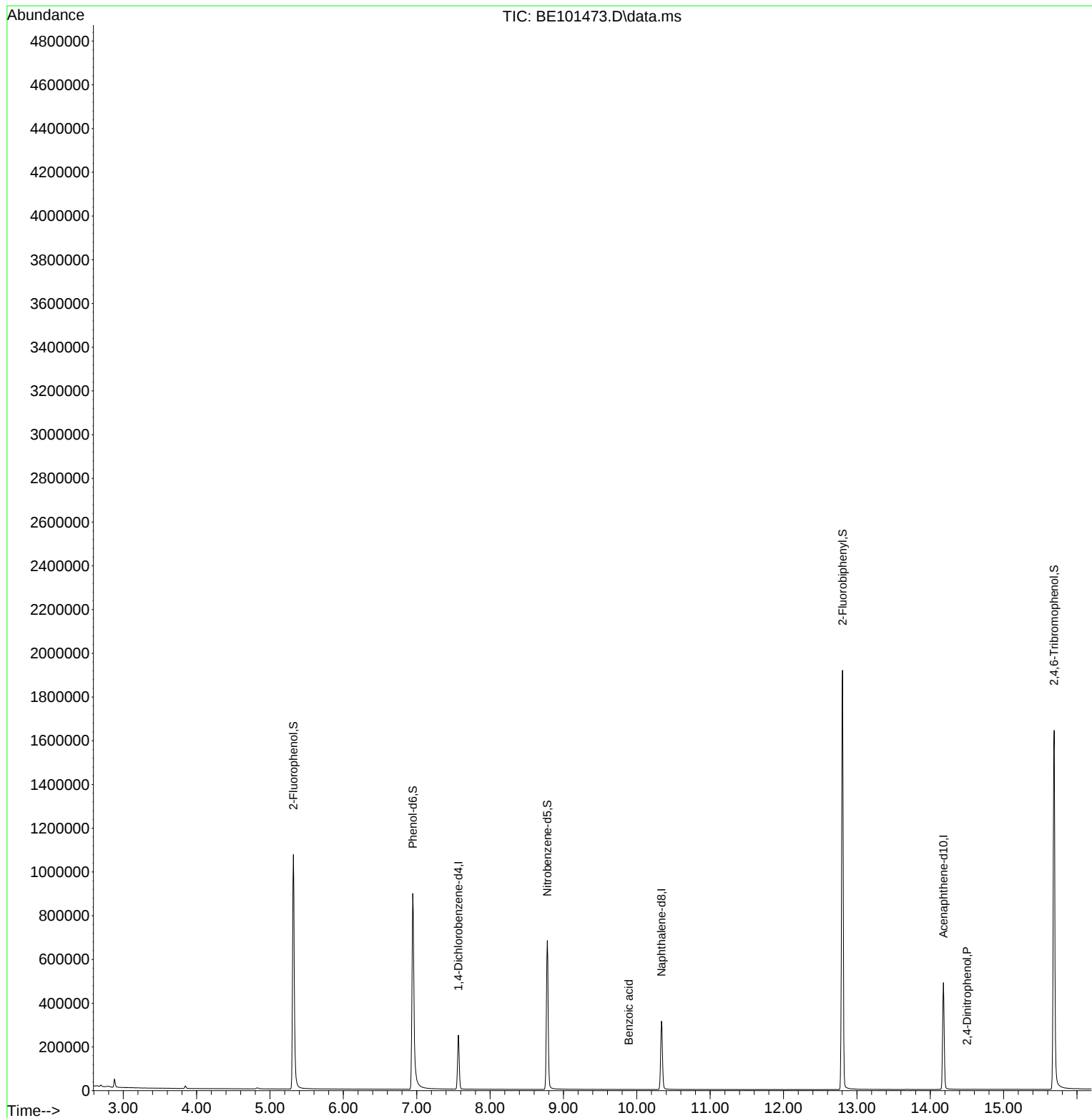
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	69685	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	281108	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	180533	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	412460	20.000	ng	0.00
76) Chrysene-d12	21.077	240	536197	20.000	ng	0.00
86) Perylene-d12	23.369	264	732979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	561372	141.192	ng	0.00
7) Phenol-d6	6.947	99	693279	125.752	ng	0.00
23) Nitrobenzene-d5	8.780	82	408173	91.200	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	450681	142.433	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	1041592	97.709	ng	0.00
79) Terphenyl-d14	19.514	244	2161061	92.761	ng	0.00
Target Compounds						
32) Benzoic acid	9.890	122	23	8.222	ng	Qvalue # 44
54) 2,4-Dinitrophenol	14.503	184	25	5.628	ng	94

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

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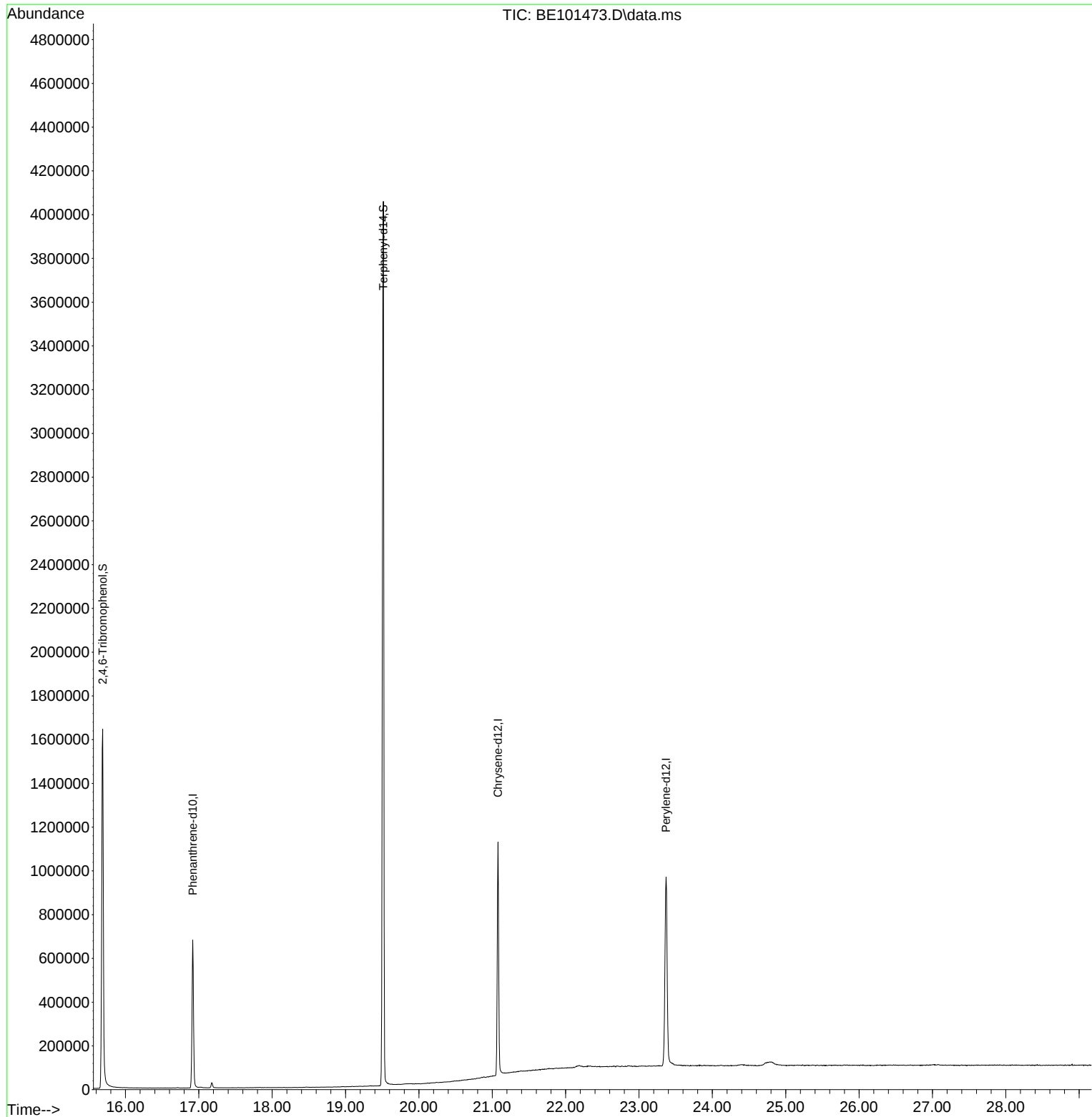
Quant Time: Nov 05 11:18:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

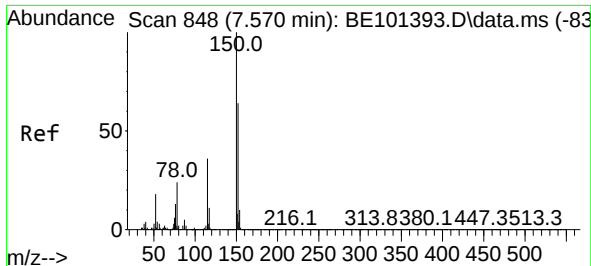


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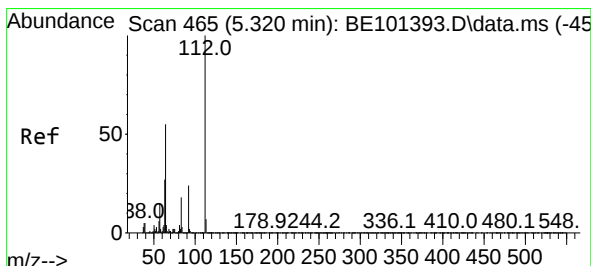
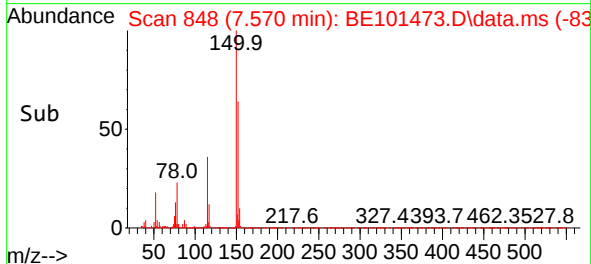
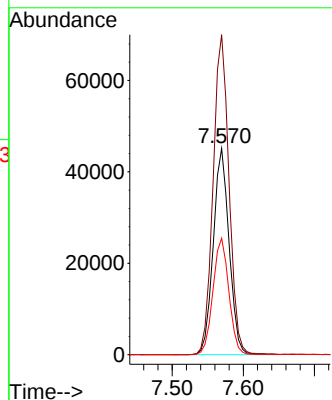
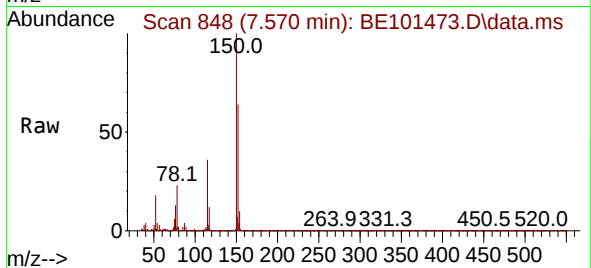




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. -0.000 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

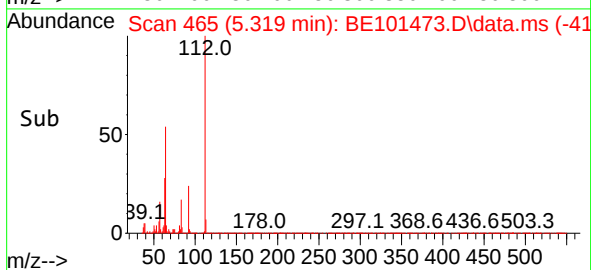
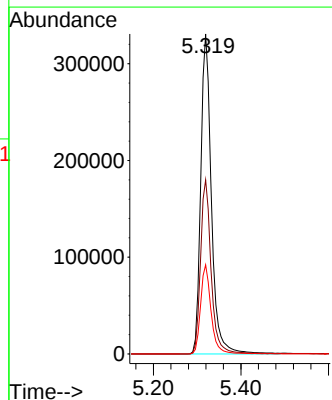
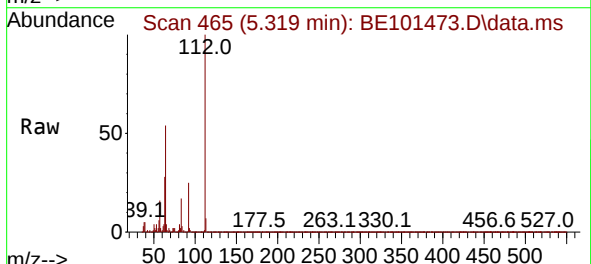
Instrument :
BNA_E
ClientSampleId :

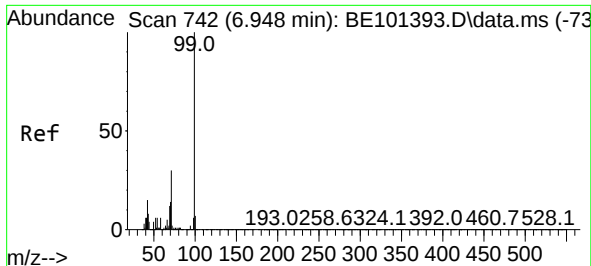
Tgt Ion:152 Resp: 69685
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.4
115 56.4 45.3 67.9



#5
2-Fluorophenol
Concen: 141.192 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

Tgt Ion:112 Resp: 561372
Ion Ratio Lower Upper
112 100
64 54.4 43.7 65.5
63 27.9 21.4 32.2

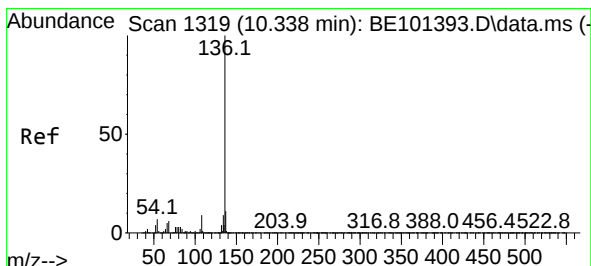
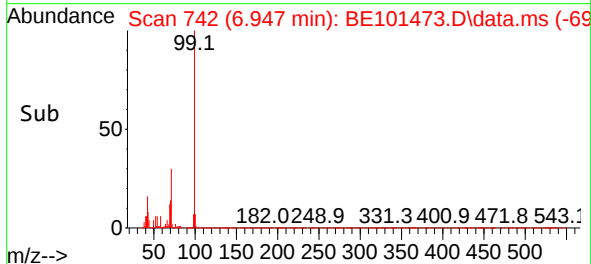
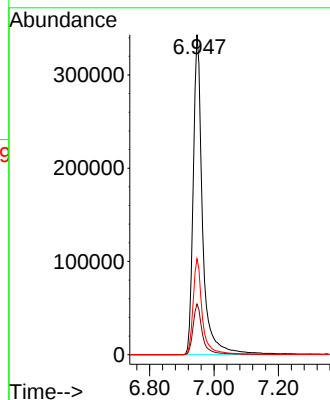
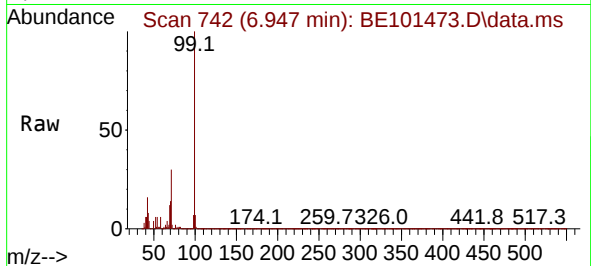




#7
Phenol-d6
Concen: 125.752 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

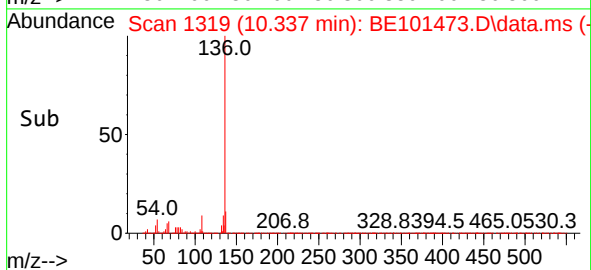
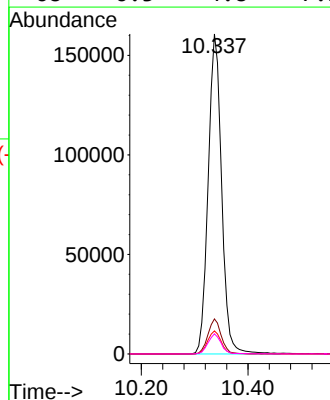
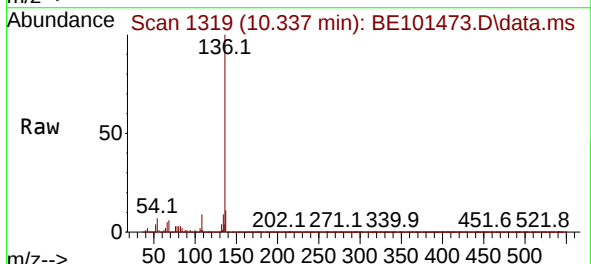
Instrument :
BNA_E
ClientSampleId :

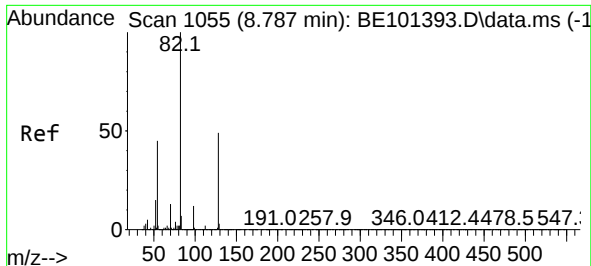
Tgt Ion: 99 Resp: 693279
Ion Ratio Lower Upper
99 100
42 15.8 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

Tgt Ion: 136 Resp: 281108
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.2 5.9 8.9
68 6.3 4.8 7.2

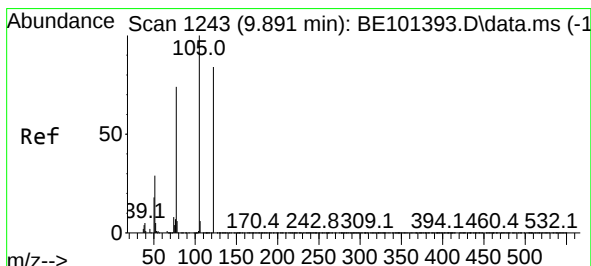
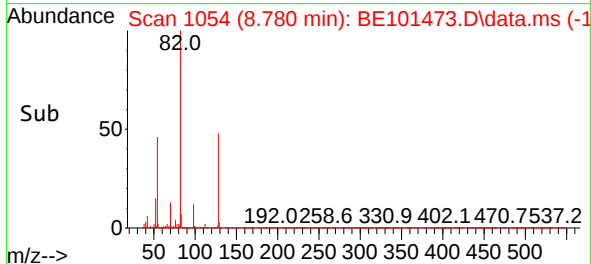
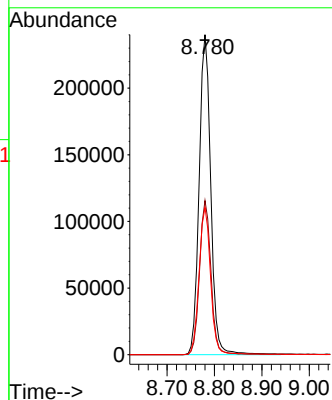
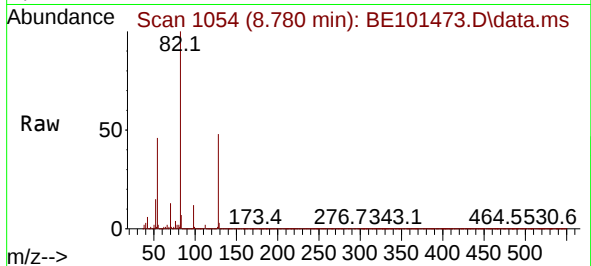




#23
Nitrobenzene-d5
Concen: 91.200 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

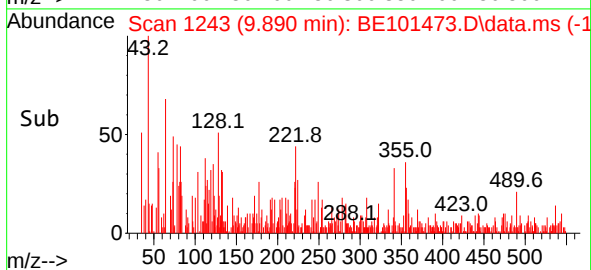
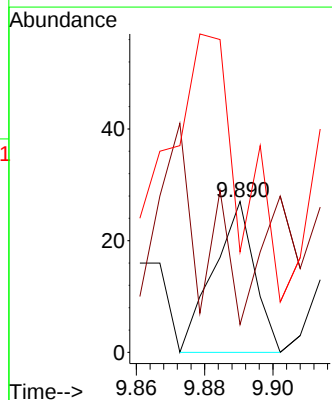
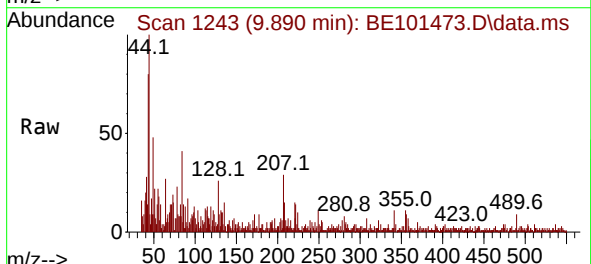
Instrument :
BNA_E
ClientSampleId :

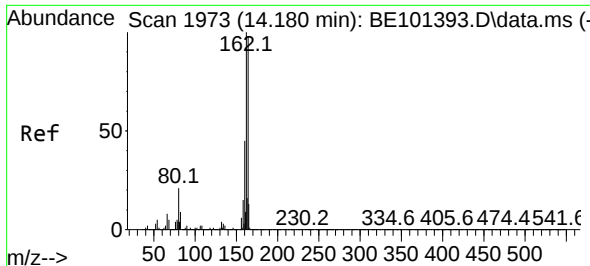
Tgt Ion: 82 Resp: 408173
Ion Ratio Lower Upper
82 100
128 48.2 38.9 58.3
54 46.0 36.2 54.4



#32
Benzoic acid
Concen: 8.222 ng
RT: 9.890 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

Tgt Ion:122 Resp: 23
Ion Ratio Lower Upper
122 100
105 29.6 97.9 137.9#
77 66.7 68.1 108.1#

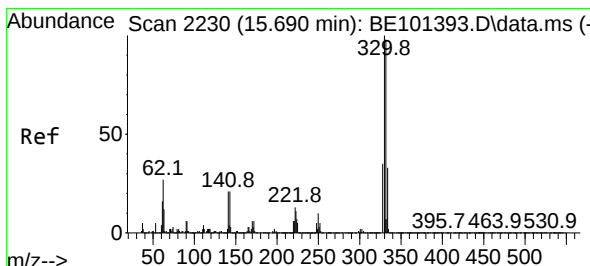
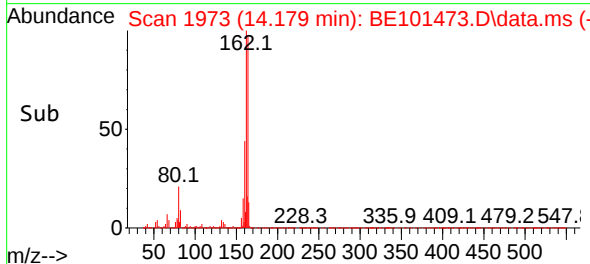
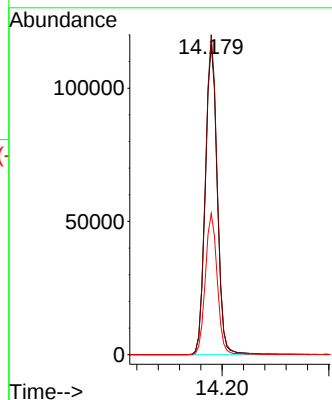
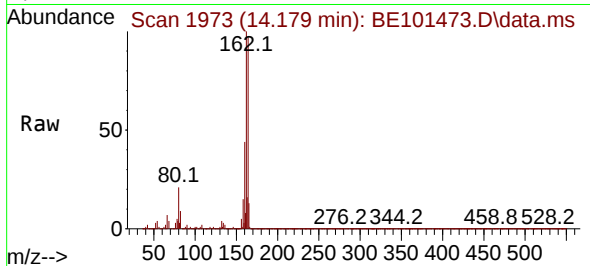




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

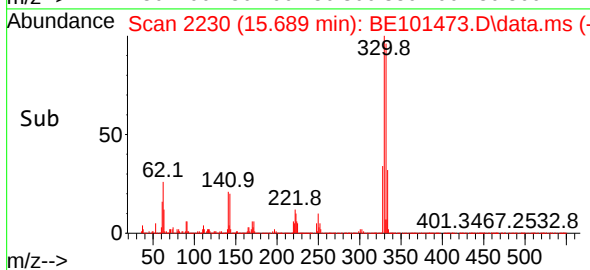
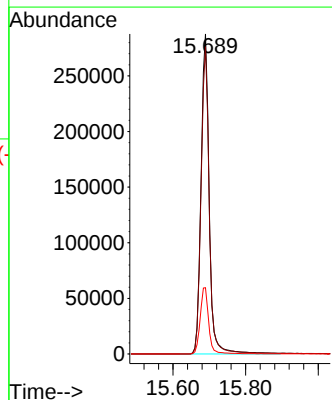
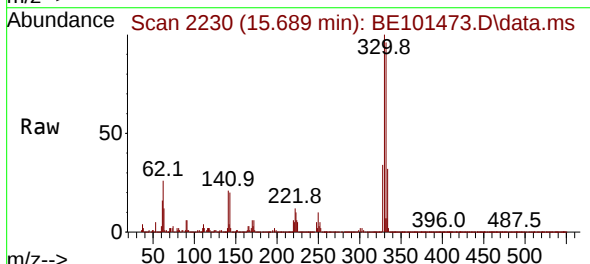
Instrument :
BNA_E
ClientSampleId :

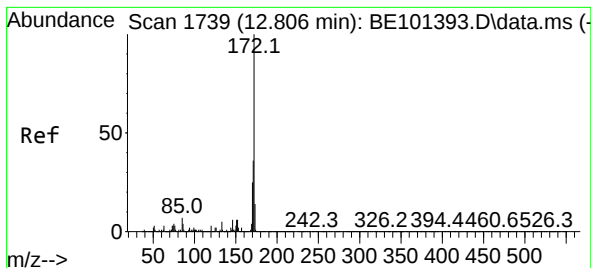
Tgt Ion:164 Resp: 180533
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 142.433 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

Tgt Ion:330 Resp: 450681
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 21.5 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 97.709 ng

RT: 12.805 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101473.D

Acq: 5 Nov 2024 11:33

Instrument :

BNA_E

ClientSampleId :

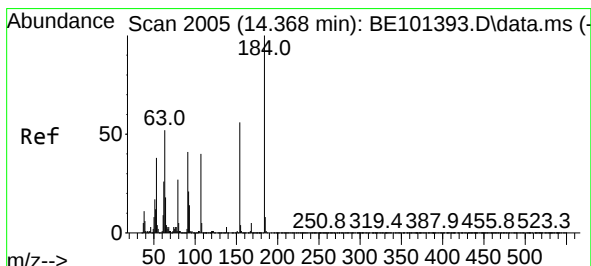
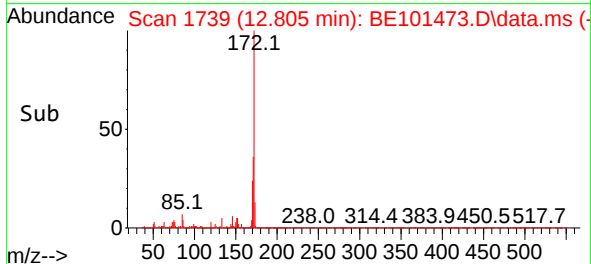
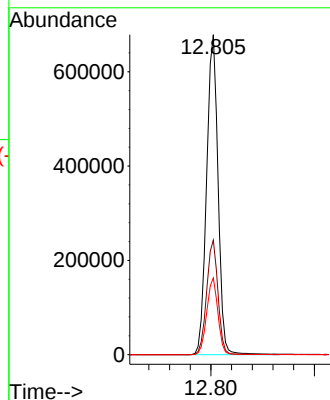
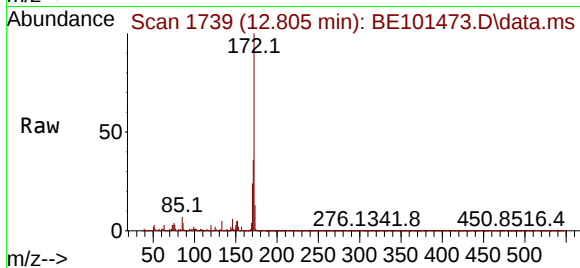
Tgt Ion:172 Resp: 1041592

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 24.0 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.628 ng

RT: 14.503 min Scan# 2028

Delta R.T. 0.135 min

Lab File: BE101473.D

Acq: 5 Nov 2024 11:33

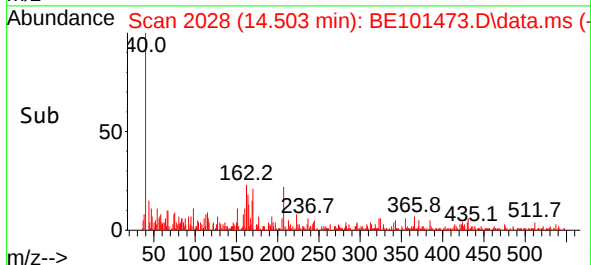
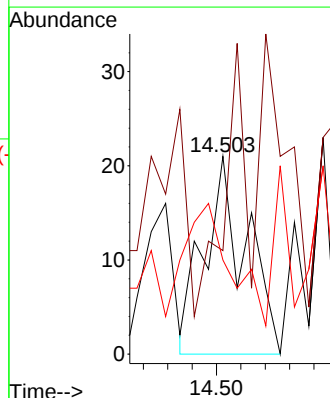
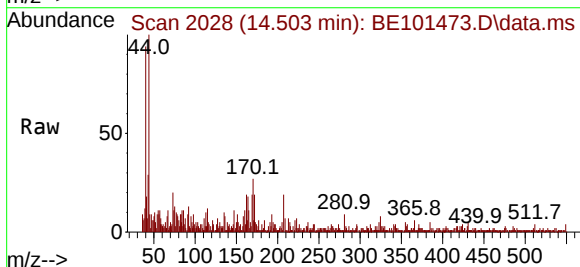
Tgt Ion:184 Resp: 25

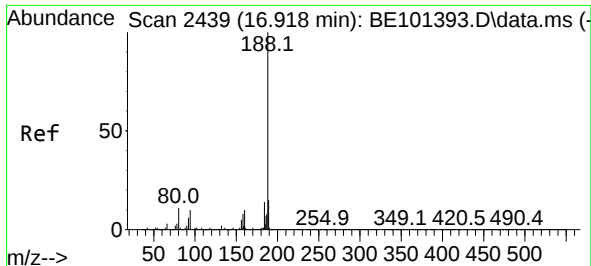
Ion Ratio Lower Upper

184 100

63 52.4 41.8 62.6

154 47.6 44.9 67.3

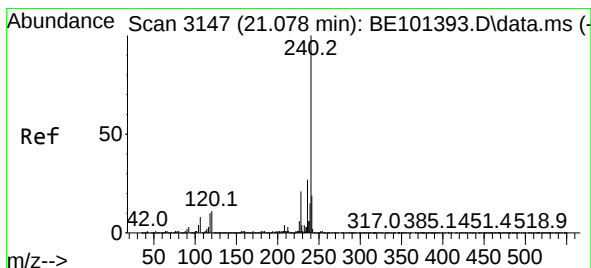
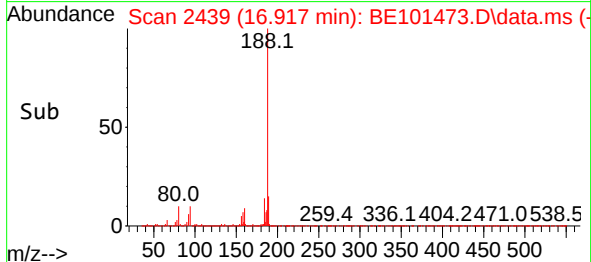
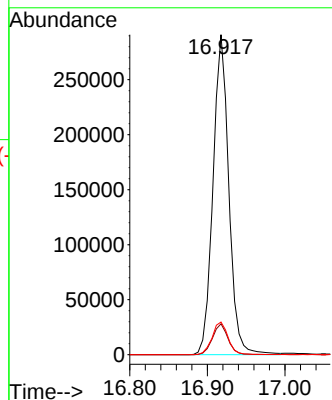
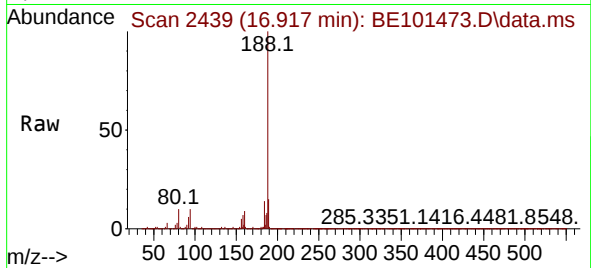




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

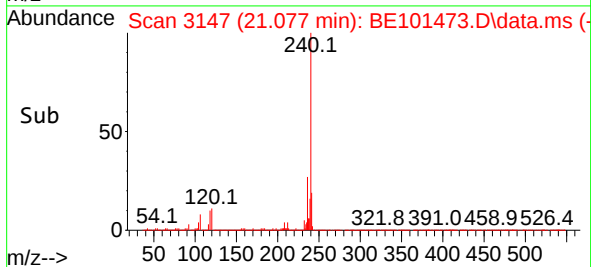
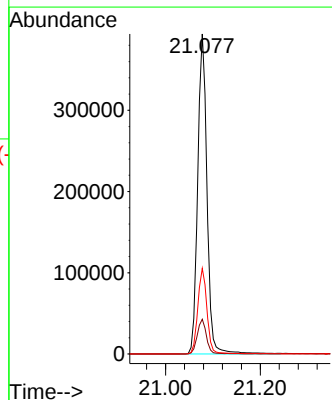
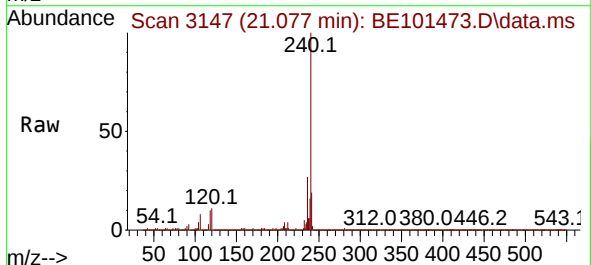
Instrument :
BNA_E
ClientSampleId :

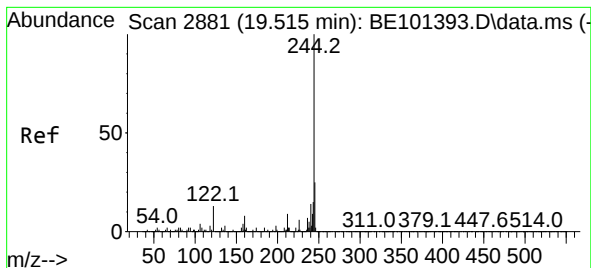
Tgt Ion:188 Resp: 412460
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101473.D
Acq: 5 Nov 2024 11:33

Tgt Ion:240 Resp: 536197
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 92.761 ng

RT: 19.514 min Scan# 2161061

Delta R.T. -0.001 min

Lab File: BE101473.D

Acq: 5 Nov 2024 11:33

Instrument :

BNA_E

ClientSampleId :

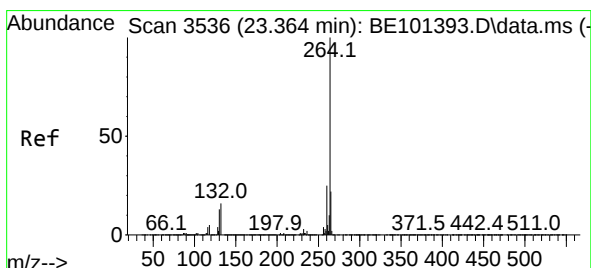
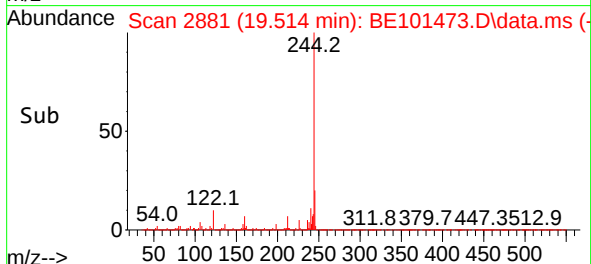
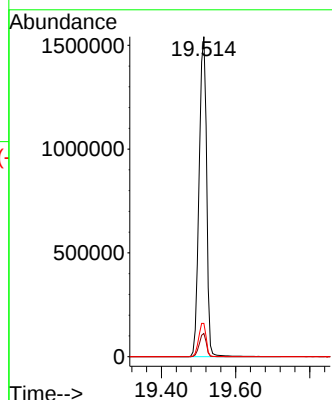
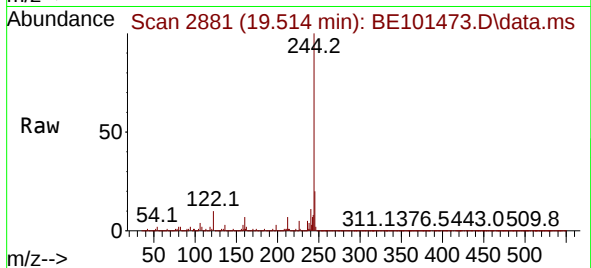
Tgt Ion:244 Resp: 2161061

Ion Ratio Lower Upper

244 100

212 7.3 7.2 10.8

122 10.4 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.369 min Scan# 3537

Delta R.T. 0.005 min

Lab File: BE101473.D

Acq: 5 Nov 2024 11:33

Tgt Ion:264 Resp: 732979

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 21.8 17.6 26.4

