

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101551.D
 Acq On : 8 Nov 2024 14:32
 Operator : RC/JU
 Sample : P4694-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 Z-03A

Quant Time: Nov 08 14:31:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

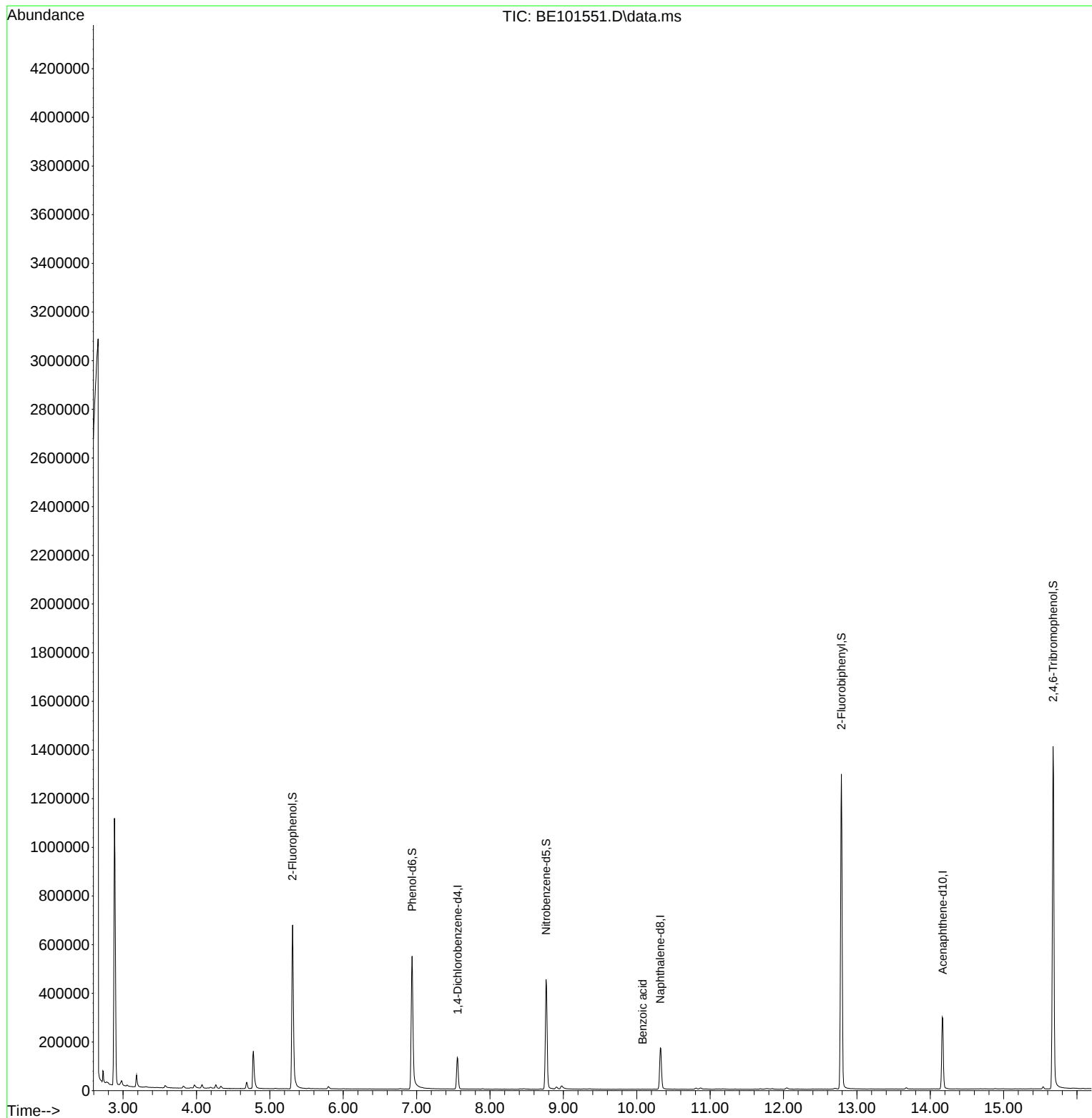
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	37676	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	159494	20.000	ng	0.00
39) Acenaphthene-d10	14.170	164	109930	20.000	ng	0.00
64) Phenanthrene-d10	16.902	188	283947	20.000	ng	0.00
76) Chrysene-d12	21.068	240	377741	20.000	ng	0.00
86) Perylene-d12	23.348	264	463708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	336368	157.861	ng	0.00
7) Phenol-d6	6.938	99	384167	131.498	ng	0.00
23) Nitrobenzene-d5	8.765	82	269661	106.795	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	360865	174.453	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	701703	104.225	ng	0.00
79) Terphenyl-d14	19.505	244	2011694	117.885	ng	0.00
Target Compounds						
32) Benzoic acid	10.081	122	20	6.845	ng	95
77) Benzidine	19.206	184	56539	6.968	ng	99

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

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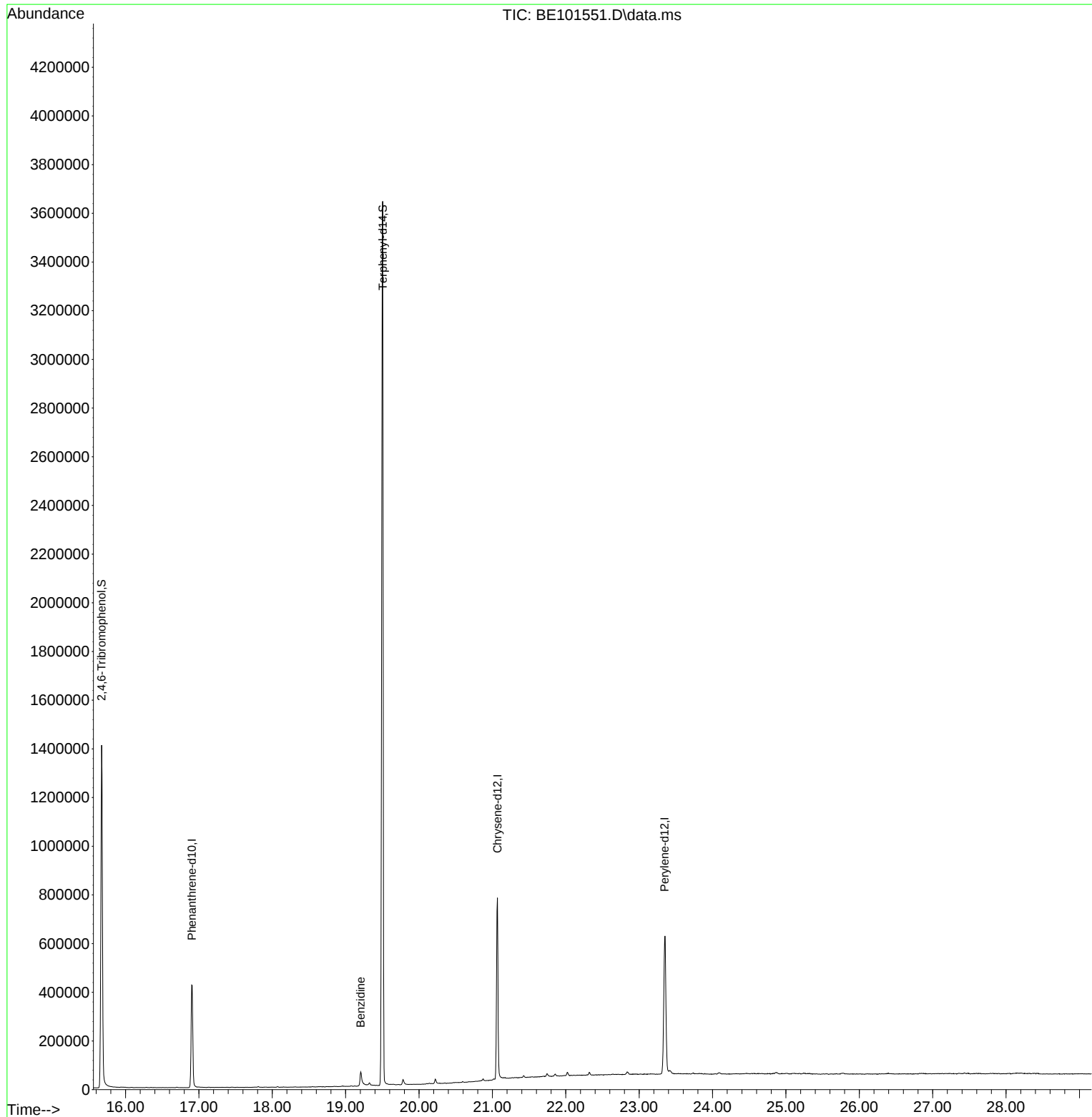
Quant Time: Nov 08 14:31:47 2024
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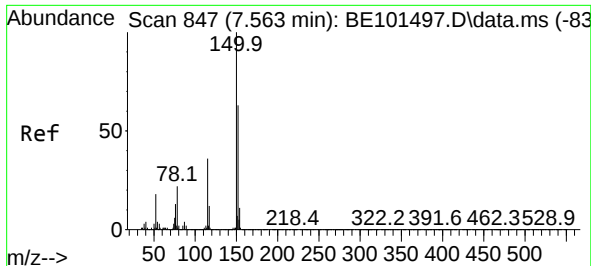


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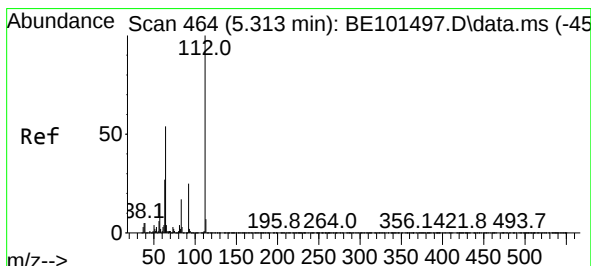
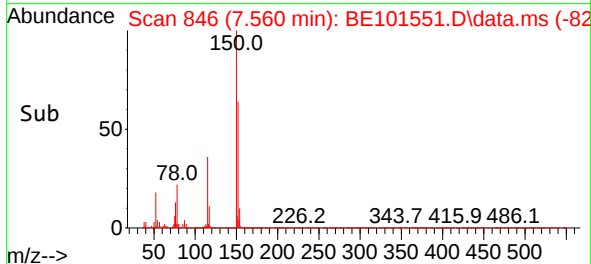
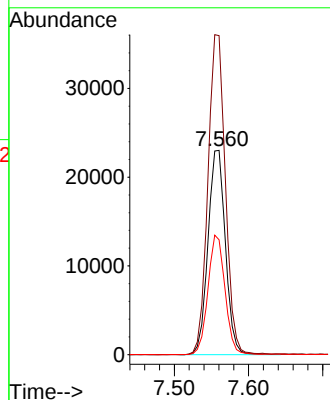
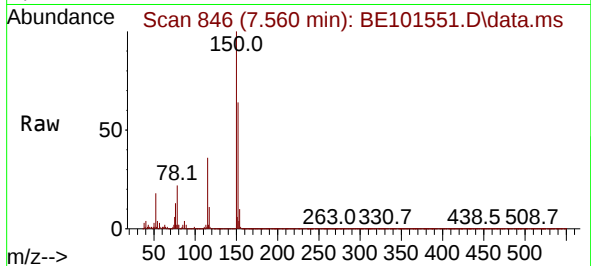




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.560 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BE101551.D
 Acq: 8 Nov 2024 14:32

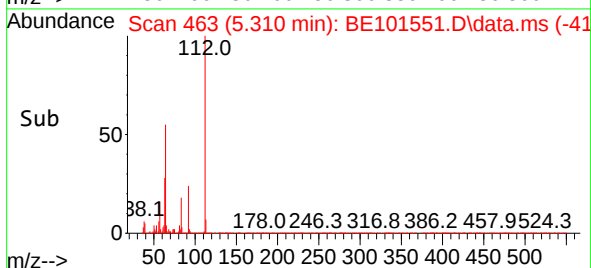
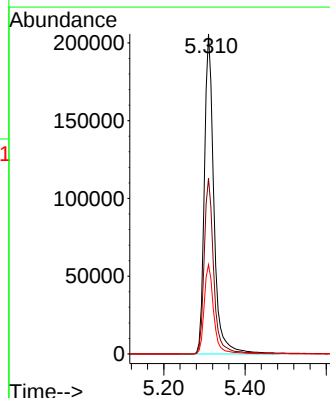
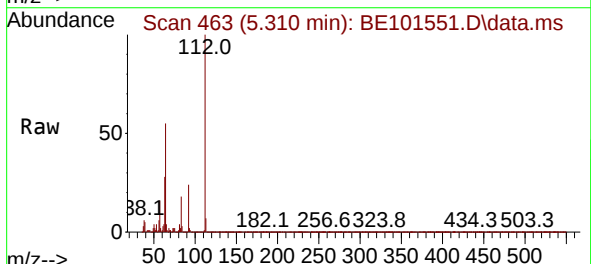
Instrument :
 BNA_E
 ClientSampleId :
 Z-03A

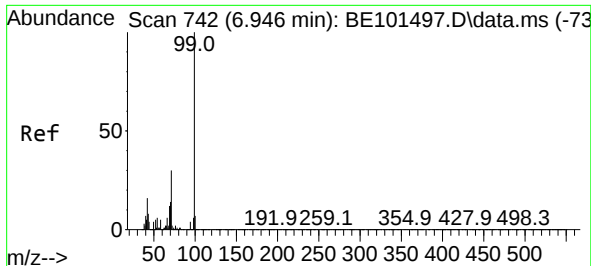
Tgt Ion:152 Resp: 37676
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.3 189.5
 115 56.2 45.0 67.4



#5
 2-Fluorophenol
 Concen: 157.861 ng
 RT: 5.310 min Scan# 463
 Delta R.T. -0.003 min
 Lab File: BE101551.D
 Acq: 8 Nov 2024 14:32

Tgt Ion:112 Resp: 336368
 Ion Ratio Lower Upper
 112 100
 64 54.9 43.2 64.8
 63 27.9 21.8 32.6

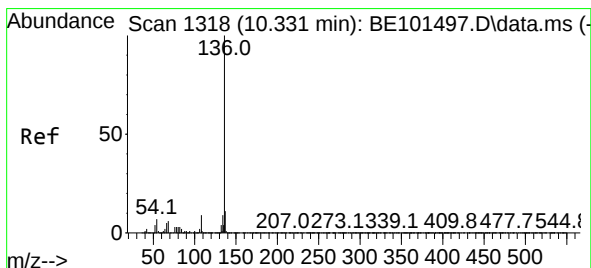
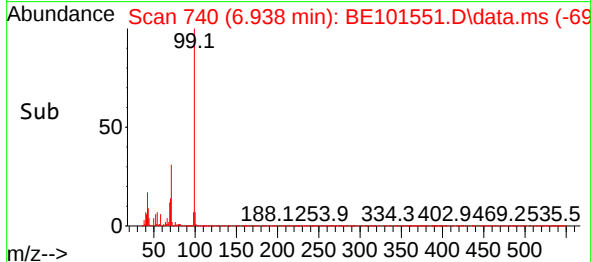
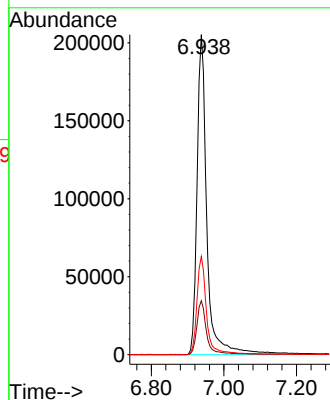
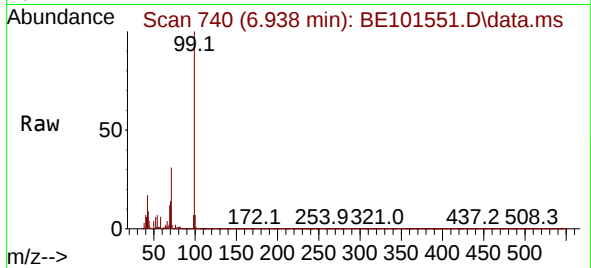




#7
Phenol-d6
Concen: 131.498 ng
RT: 6.938 min Scan# 742
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

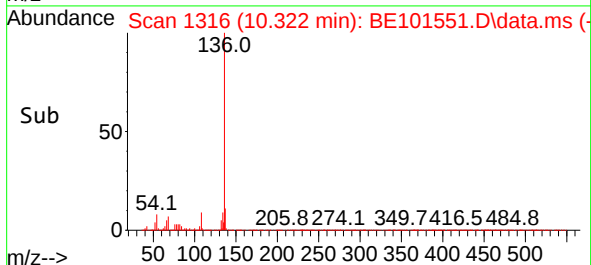
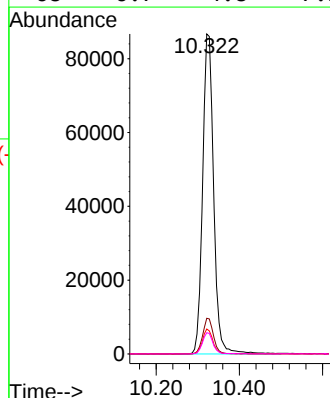
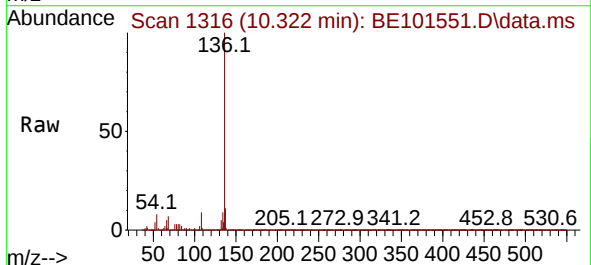
Instrument :
BNA_E
ClientSampleId :
Z-03A

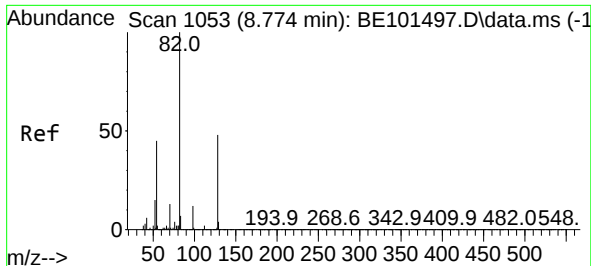
Tgt Ion: 99 Resp: 384167
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 1316
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

Tgt Ion:136 Resp: 159494
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.8 5.6 8.4
68 6.7 4.8 7.2

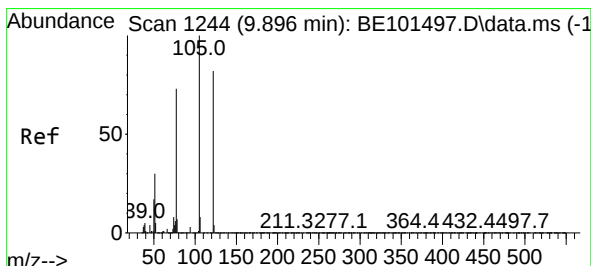
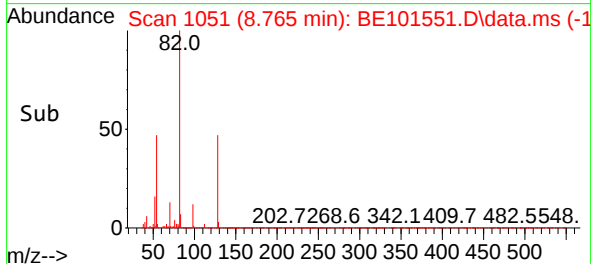
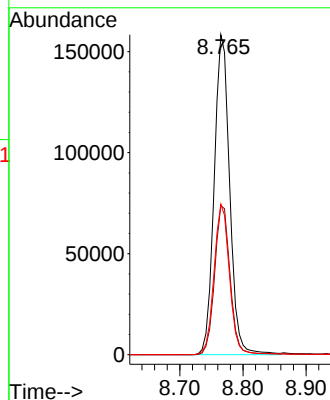
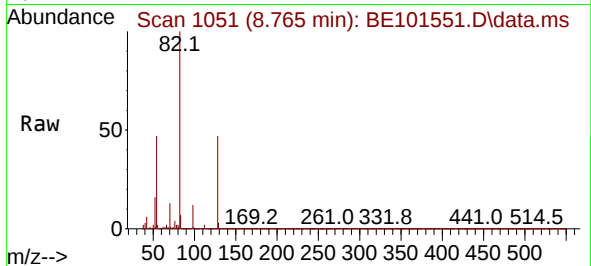




#23
Nitrobenzene-d5
Concen: 106.795 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

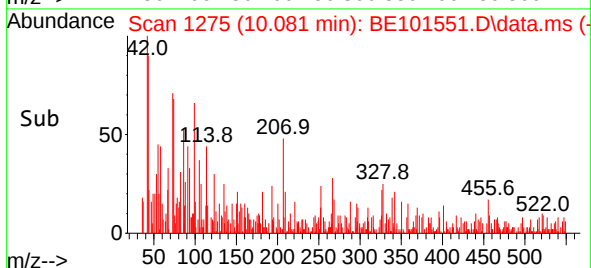
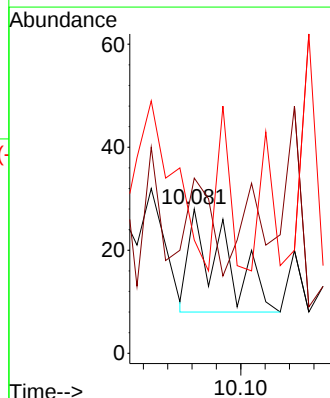
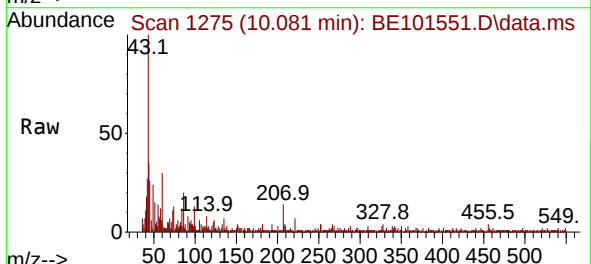
Instrument :
BNA_E
ClientSampleId :
Z-03A

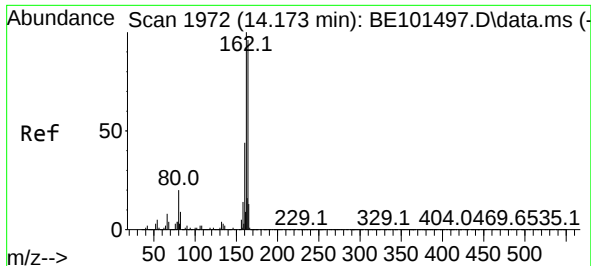
Tgt Ion: 82 Resp: 269661
Ion Ratio Lower Upper
82 100
128 46.7 38.6 58.0
54 47.1 36.3 54.5



#32
Benzoic acid
Concen: 6.845 ng
RT: 10.081 min Scan# 1275
Delta R.T. 0.185 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 121.4 100.6 140.6
77 78.6 68.6 108.6

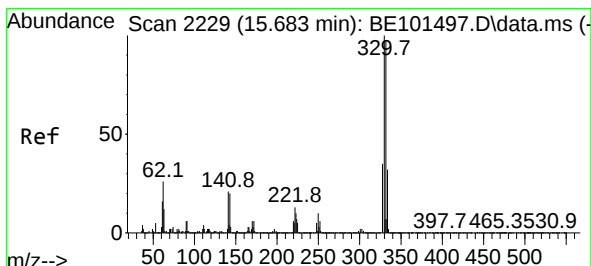
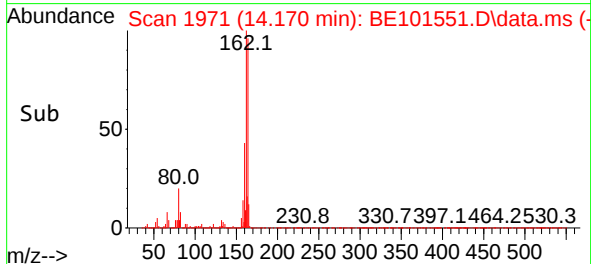
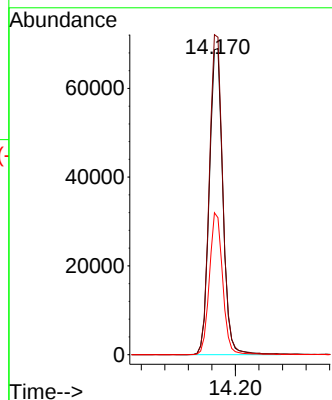
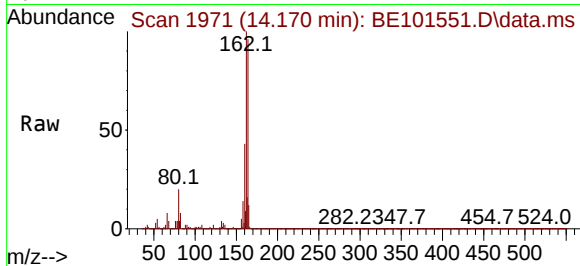




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.170 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

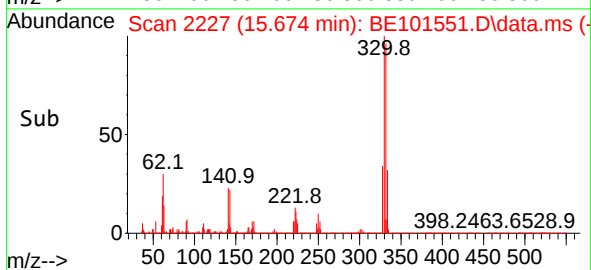
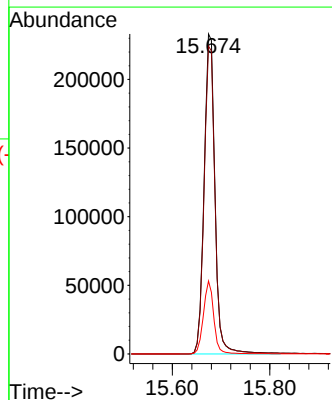
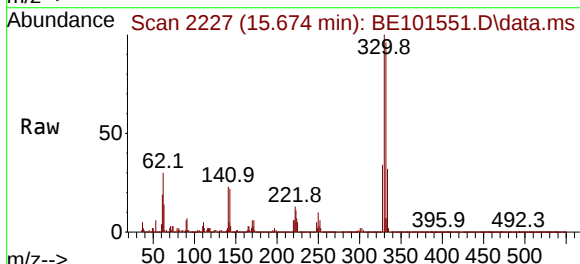
Instrument :
BNA_E
ClientSampleId :
Z-03A

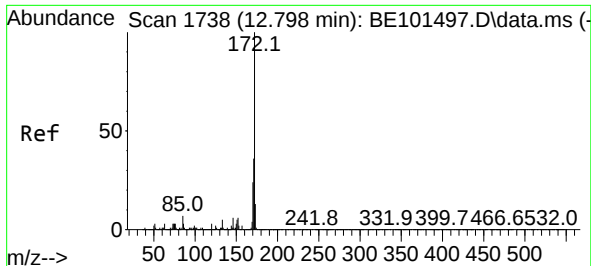
Tgt Ion:164 Resp: 109930
Ion Ratio Lower Upper
164 100
162 103.7 83.7 125.5
160 44.8 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 174.453 ng
RT: 15.674 min Scan# 2227
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

Tgt Ion:330 Resp: 360865
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 21.8 17.0 25.4

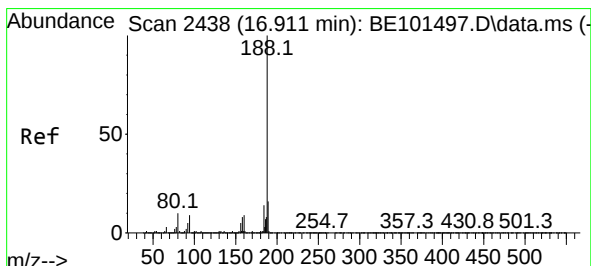
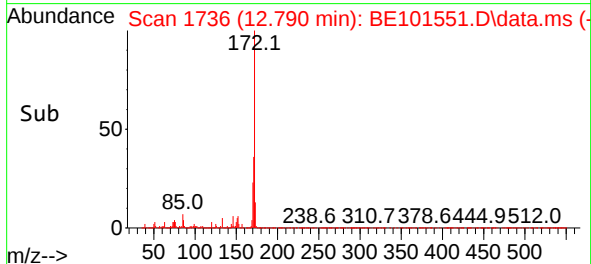
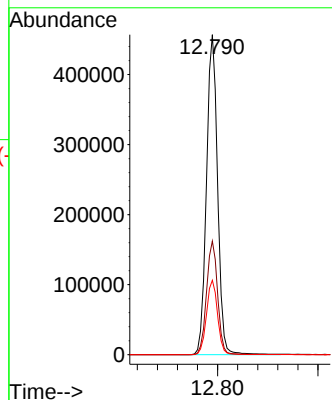
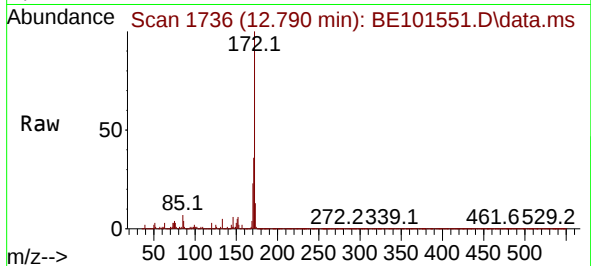




#45
2-Fluorobiphenyl
Concen: 104.225 ng
RT: 12.790 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

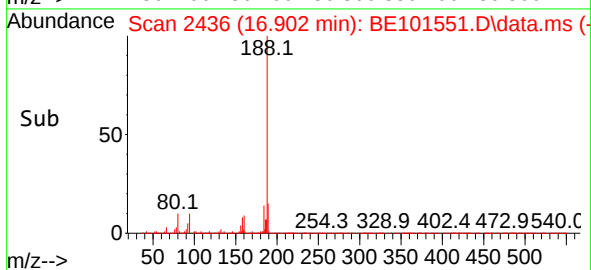
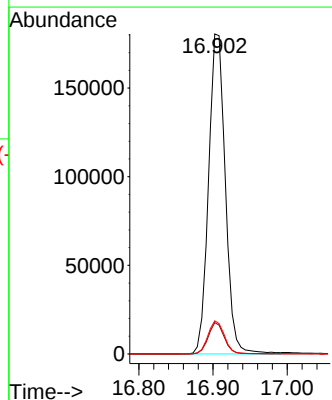
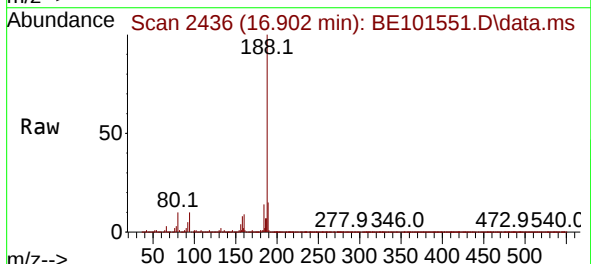
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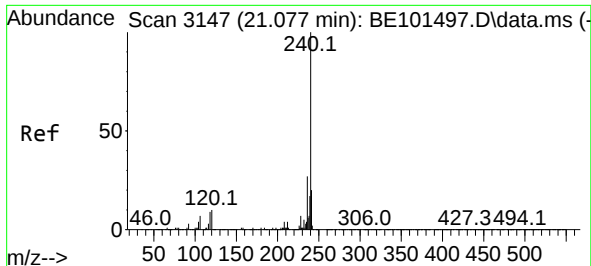
Tgt Ion:172 Resp: 701703
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.902 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

Tgt Ion:188 Resp: 283947
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.4 8.0 12.0

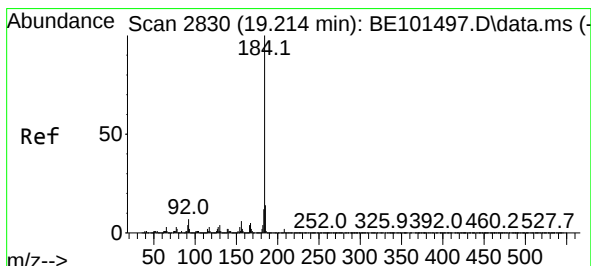
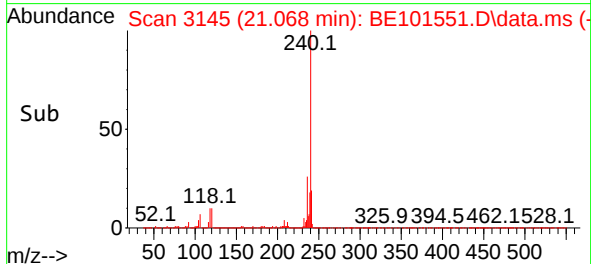
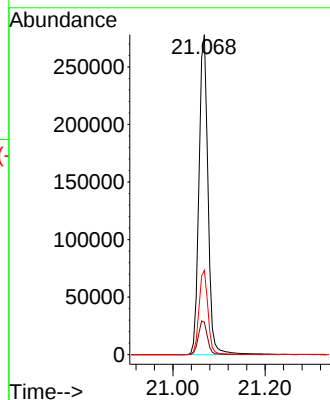
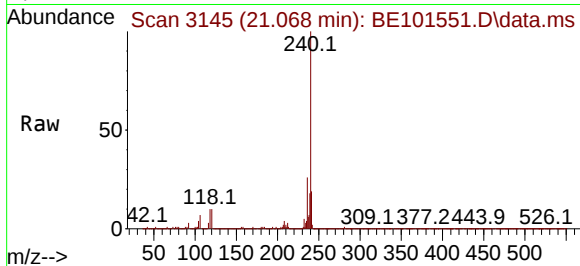




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.068 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

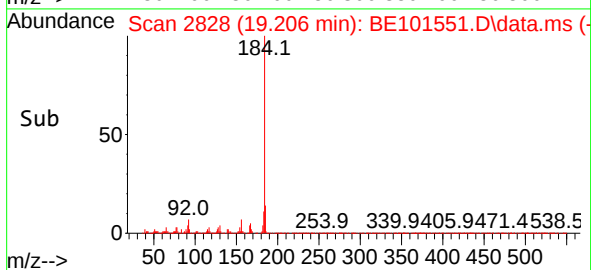
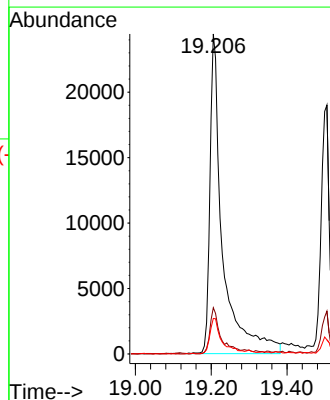
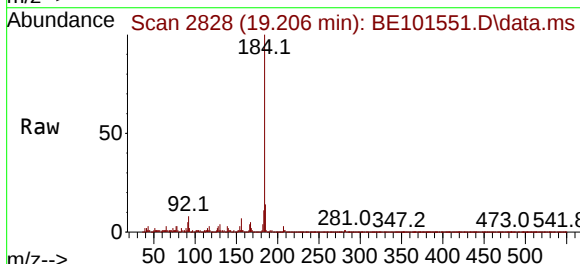
Instrument :
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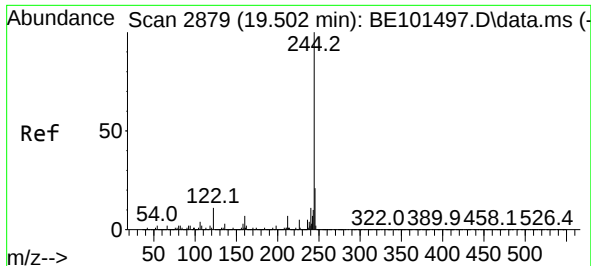
Tgt Ion:240 Resp: 377741
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.4 21.4 32.2



#77
Benzidine
Concen: 6.968 ng
RT: 19.206 min Scan# 2828
Delta R.T. -0.008 min
Lab File: BE101551.D
Acq: 8 Nov 2024 14:32

Tgt Ion:184 Resp: 56539
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 11.1 9.4 14.0



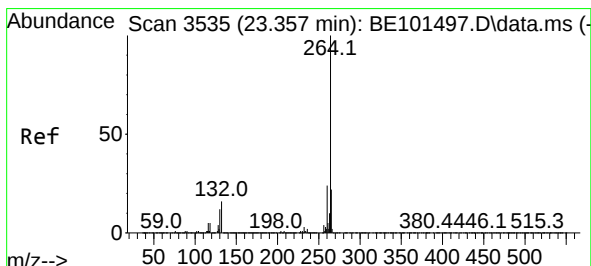
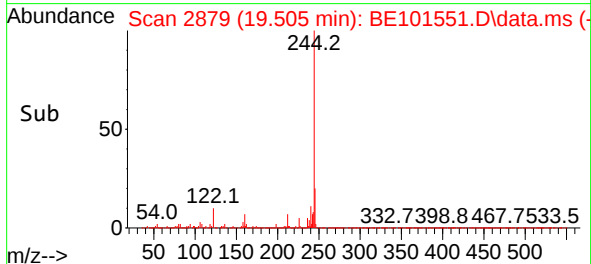
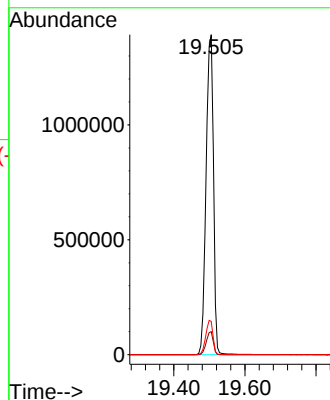
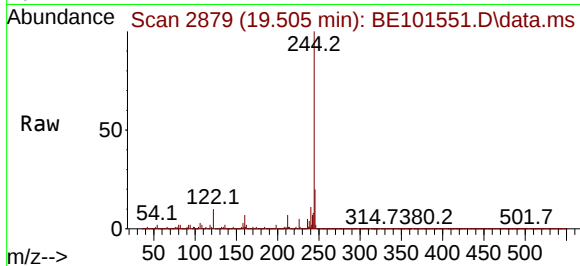


#79
 Terphenyl-d14
 Concen: 117.885 ng
 RT: 19.505 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BE101551.D
 Acq: 8 Nov 2024 14:32

Instrument :
 BNA_E
 ClientSampleId :
 Z-03A

Tgt Ion:244 Resp: 2011694

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.4	8.4	12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.348 min Scan# 3533
 Delta R.T. -0.009 min
 Lab File: BE101551.D
 Acq: 8 Nov 2024 14:32

Tgt Ion:264 Resp: 463708

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.7	17.4	26.2

