

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101454.D
 Acq On : 4 Nov 2024 13:25
 Operator : RC/JU
 Sample : PB164593BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164593BL

Quant Time: Nov 04 13:19:19 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)

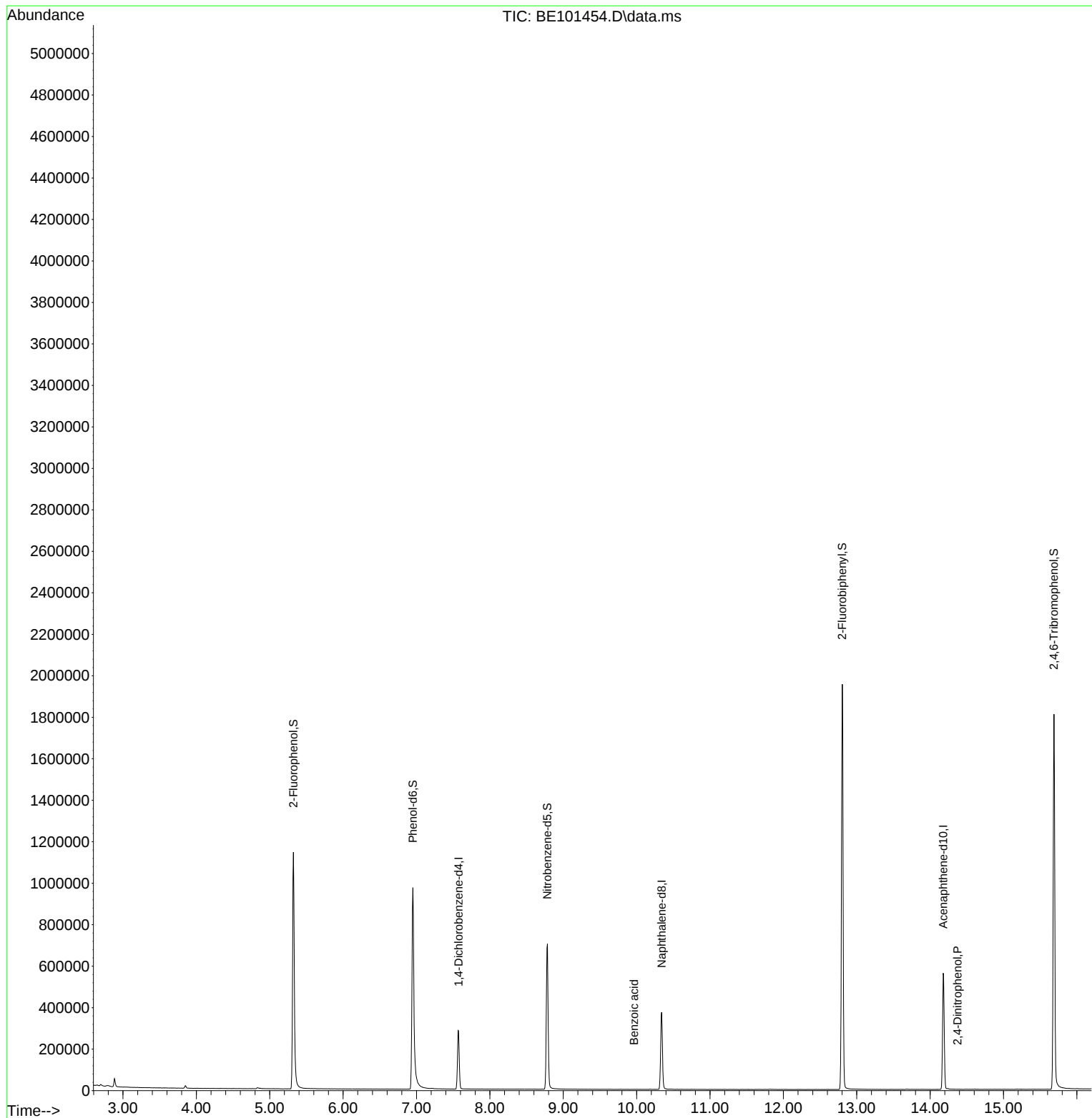
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	83697	20.000	ng	0.00
21) Naphthalene-d8	10.341	136	332383	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	209474	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	478774	20.000	ng	0.00
76) Chrysene-d12	21.075	240	637683	20.000	ng	0.00
86) Perylene-d12	23.372	264	926419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.323	112	599545	125.548	ng	0.00
7) Phenol-d6	6.951	99	740437	111.822	ng	0.00
23) Nitrobenzene-d5	8.784	82	428697	81.009	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	459560	125.173	ng	0.00
45) 2-Fluorobiphenyl	12.802	172	1067682	86.319	ng	0.00
79) Terphenyl-d14	19.512	244	2218492	80.071	ng	0.00
Target Compounds						
32) Benzoic acid	9.965	122	7	8.217	ng	Qvalue 91
54) 2,4-Dinitrophenol	14.371	184	13	5.622	ng	# 1

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

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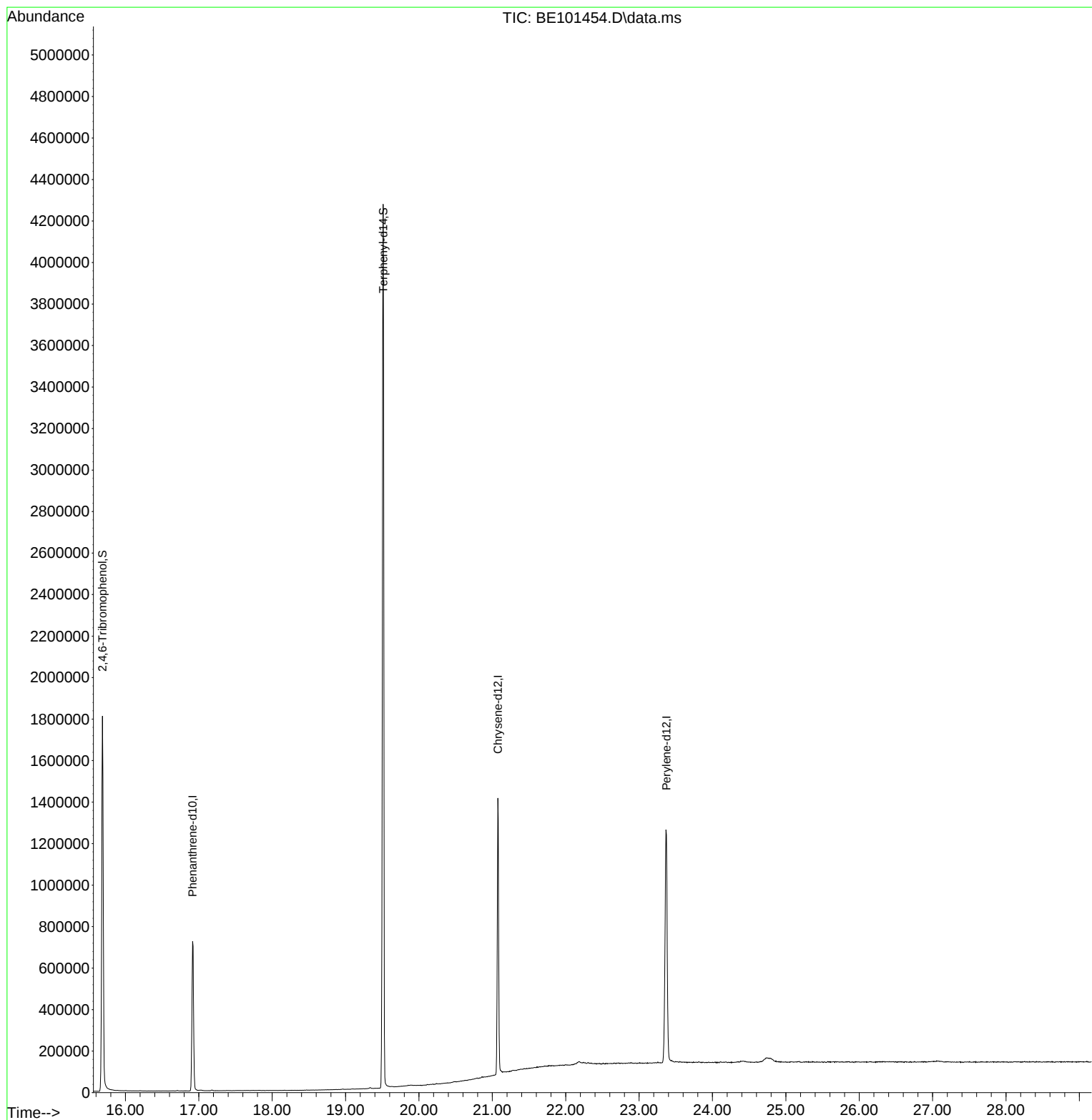
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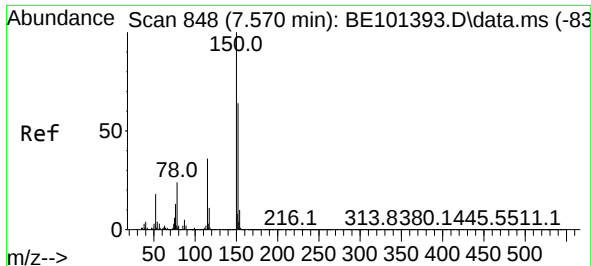


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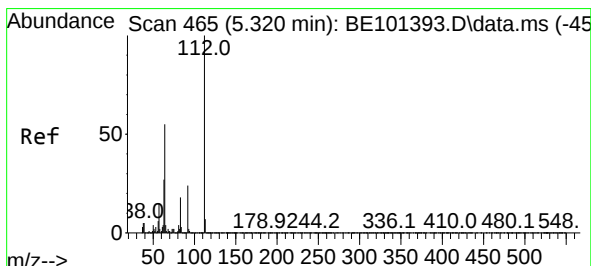
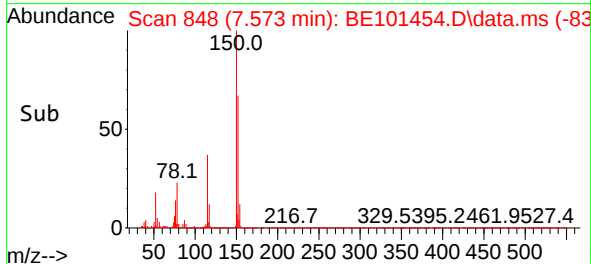
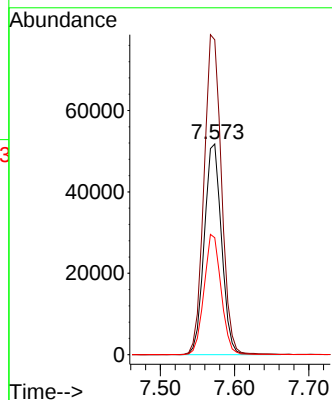
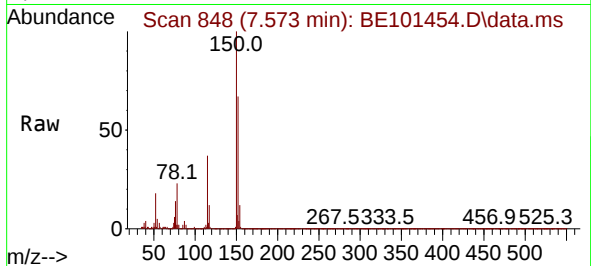




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 848
Delta R.T. 0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

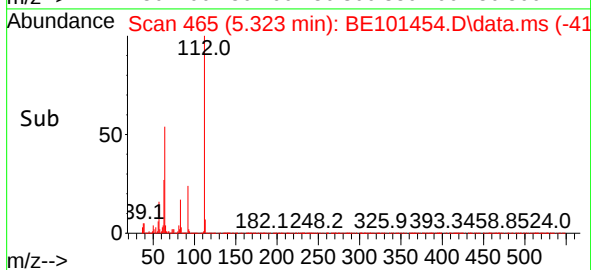
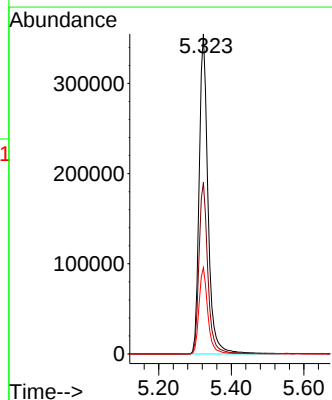
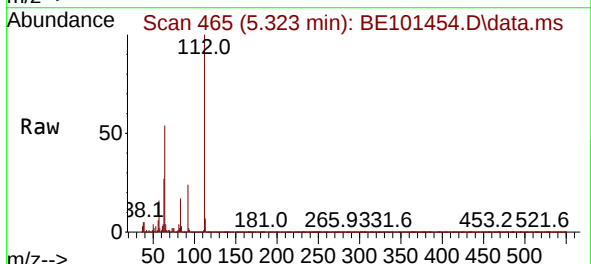
Instrument :
BNA_E
ClientSampleId :
PB164593BL

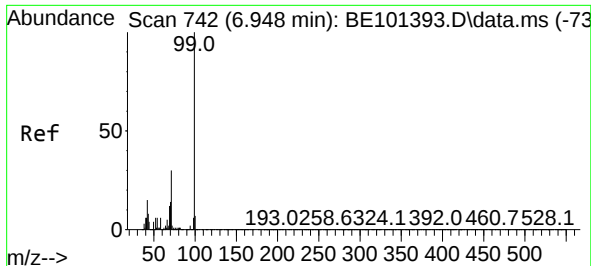
Tgt Ion:152 Resp: 83697
Ion Ratio Lower Upper
152 100
150 149.4 124.2 186.4
115 55.5 45.3 67.9



#5
2-Fluorophenol
Concen: 125.548 ng
RT: 5.323 min Scan# 465
Delta R.T. 0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

Tgt Ion:112 Resp: 599545
Ion Ratio Lower Upper
112 100
64 53.6 43.7 65.5
63 26.9 21.4 32.2

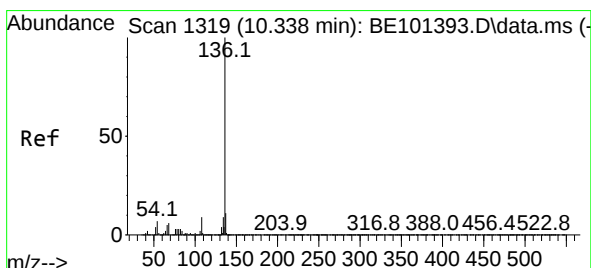
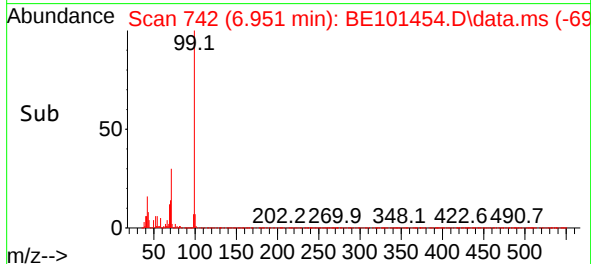
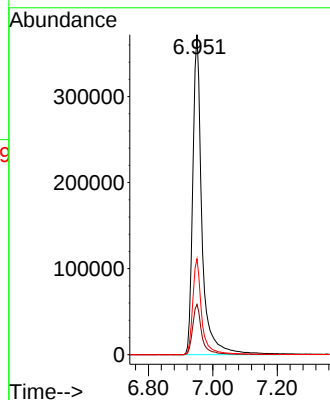
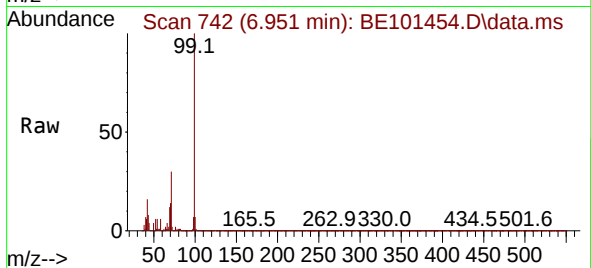




#7
Phenol-d6
Concen: 111.822 ng
RT: 6.951 min Scan# 742
Delta R.T. 0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

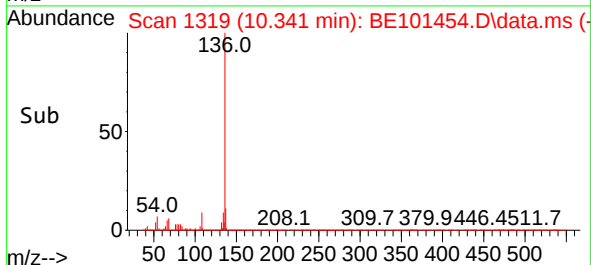
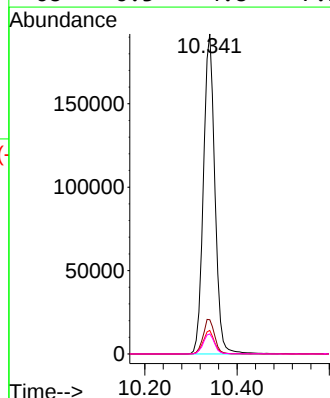
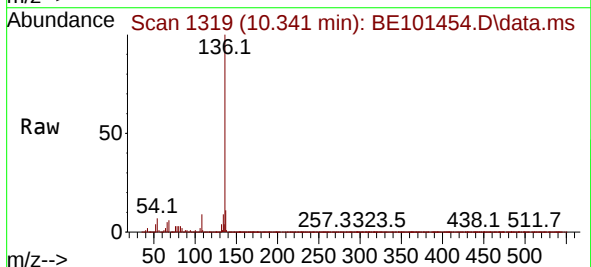
Instrument :
BNA_E
ClientSampleId :
PB164593BL

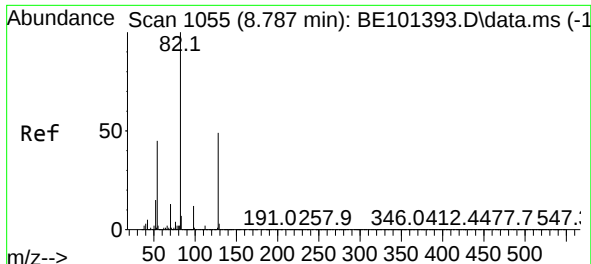
Tgt Ion: 99 Resp: 740437
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.341 min Scan# 1319
Delta R.T. 0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

Tgt Ion:136 Resp: 332383
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.3 5.9 8.9
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 81.009 ng

RT: 8.784 min Scan# 1054

Delta R.T. -0.003 min

Lab File: BE101454.D

Acq: 4 Nov 2024 13:25

Instrument :

BNA_E

ClientSampleId :

PB164593BL

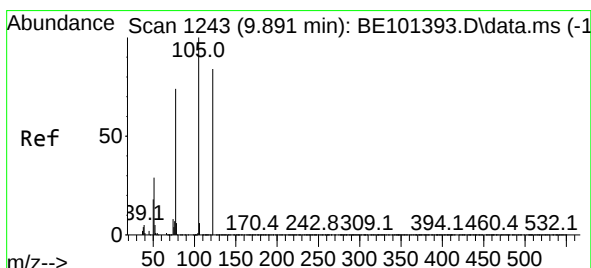
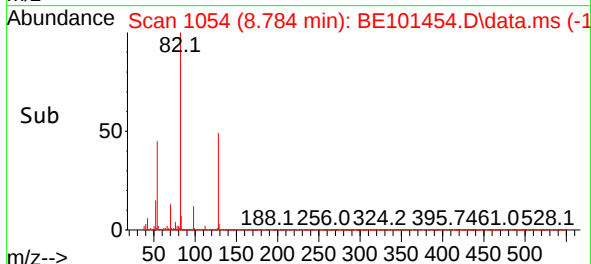
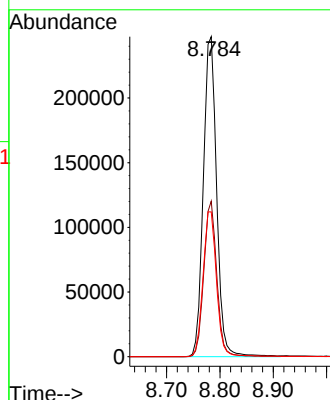
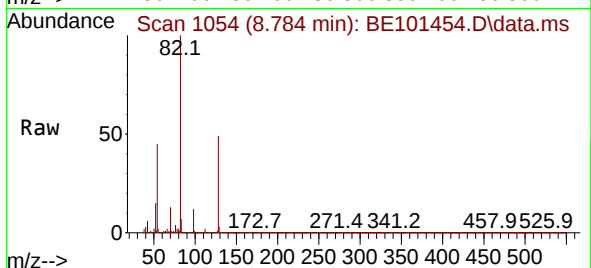
Tgt Ion: 82 Resp: 428697

Ion Ratio Lower Upper

82 100

128 48.6 38.9 58.3

54 45.3 36.2 54.4



#32

Benzoic acid

Concen: 8.217 ng

RT: 9.965 min Scan# 1255

Delta R.T. 0.074 min

Lab File: BE101454.D

Acq: 4 Nov 2024 13:25

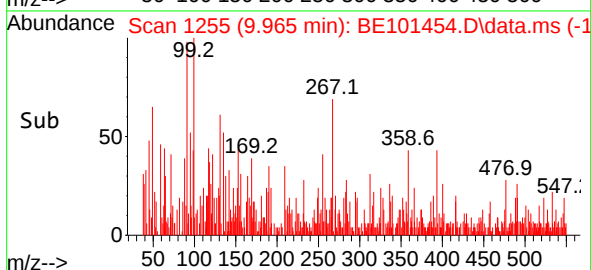
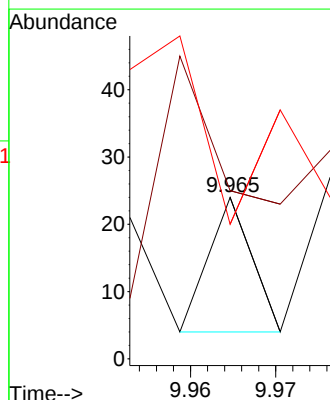
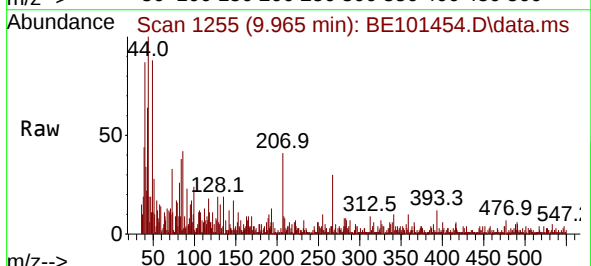
Tgt Ion: 122 Resp: 7

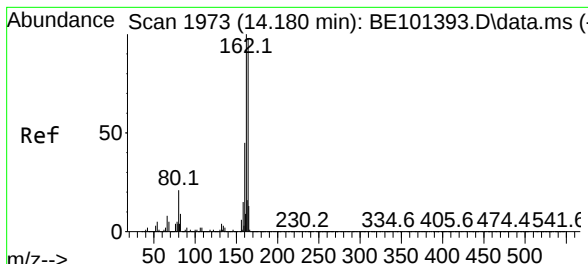
Ion Ratio Lower Upper

122 100

105 104.2 97.9 137.9

77 83.3 68.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.177 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BE101454.D

Acq: 4 Nov 2024 13:25

Instrument :

BNA_E

ClientSampleId :

PB164593BL

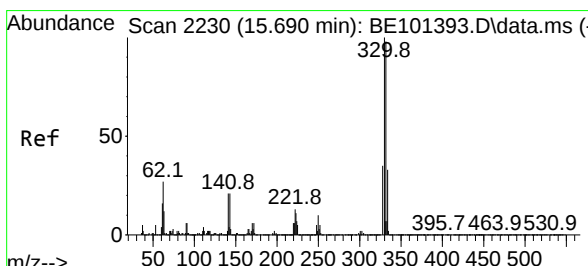
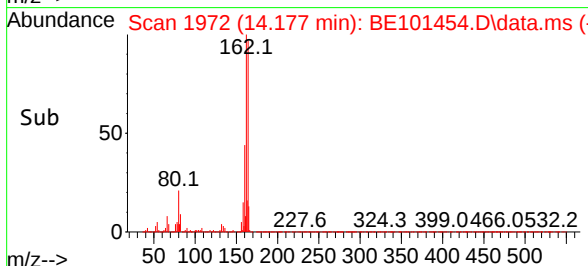
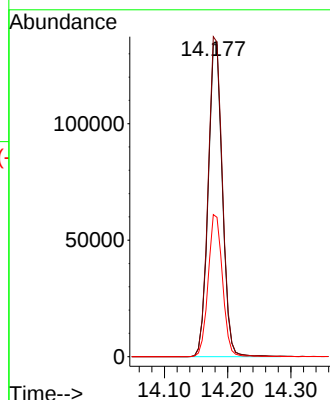
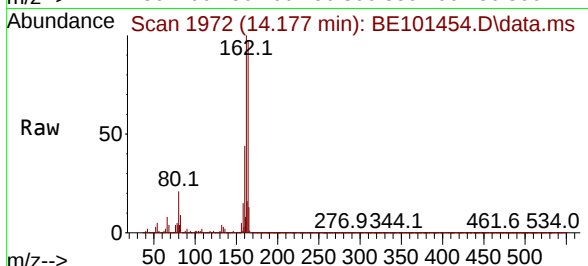
Tgt Ion:164 Resp: 209474

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.5 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 125.173 ng

RT: 15.687 min Scan# 2229

Delta R.T. -0.003 min

Lab File: BE101454.D

Acq: 4 Nov 2024 13:25

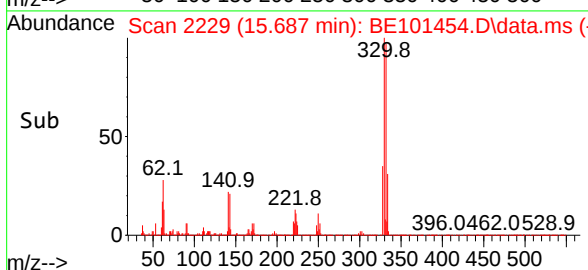
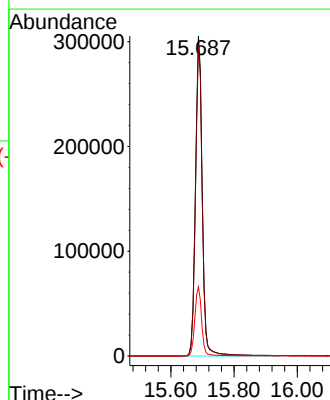
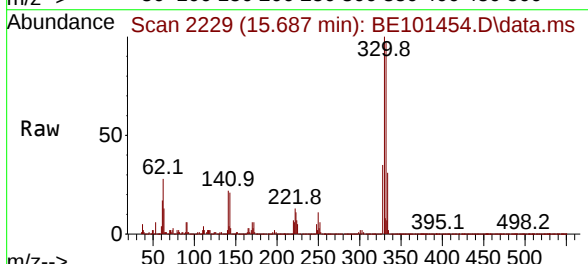
Tgt Ion:330 Resp: 459560

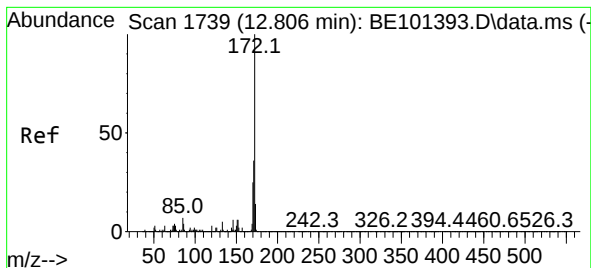
Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

141 21.8 18.3 27.5

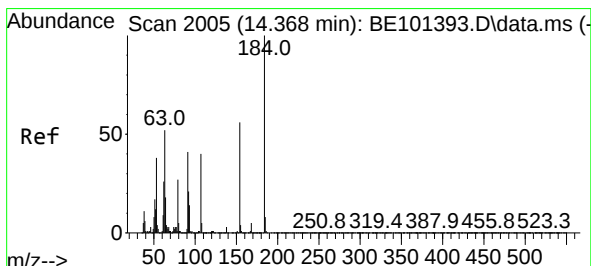
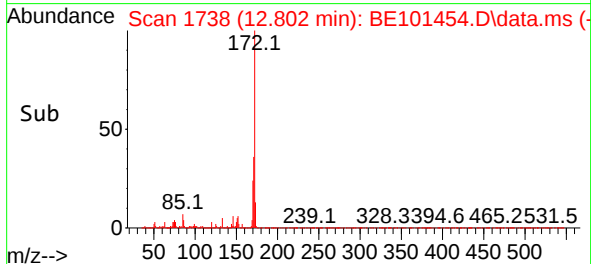
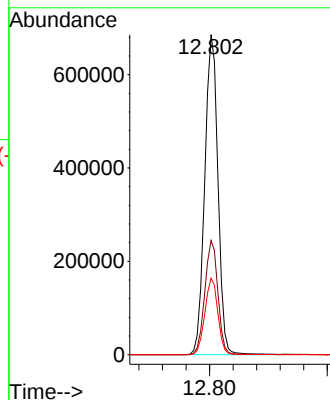
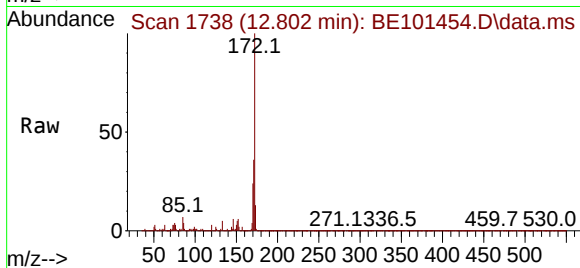




#45
2-Fluorobiphenyl
Concen: 86.319 ng
RT: 12.802 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

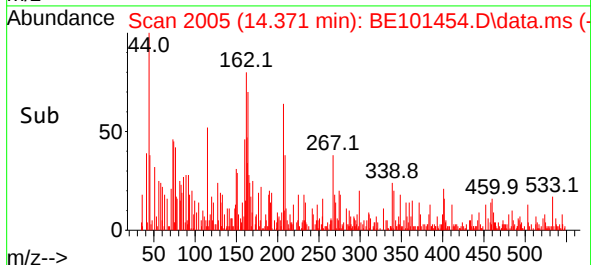
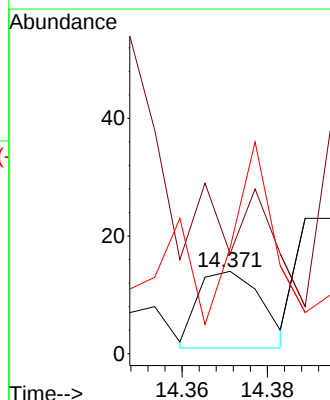
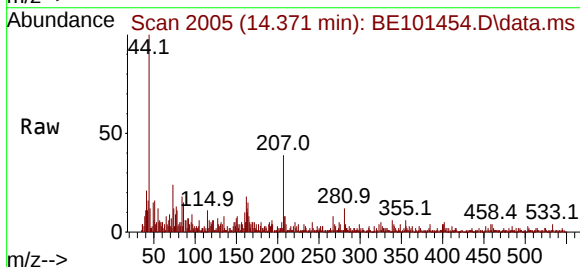
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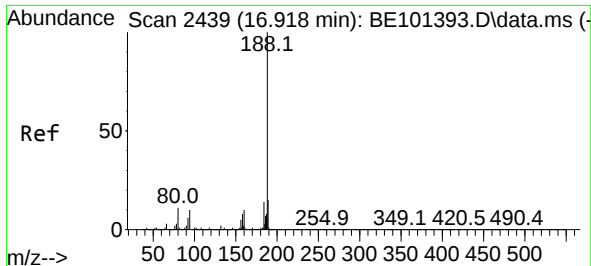
Tgt Ion:172 Resp: 1067682
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.9 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.622 ng
RT: 14.371 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 121.4 41.8 62.6#
154 128.6 44.9 67.3#

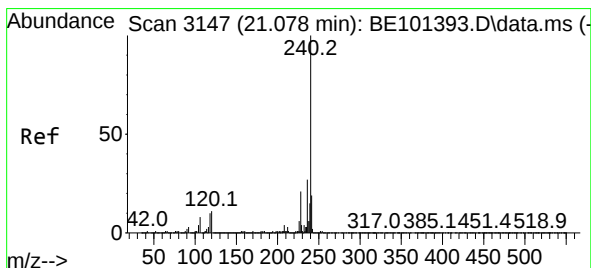
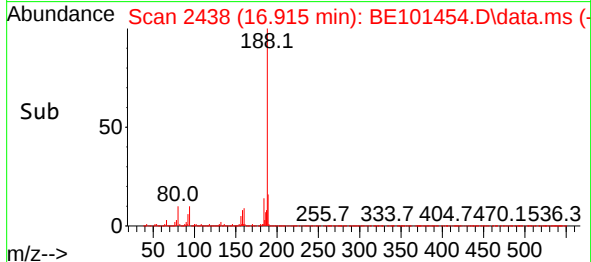
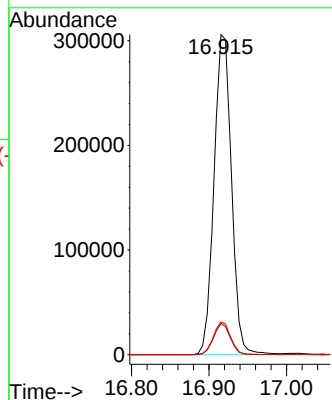
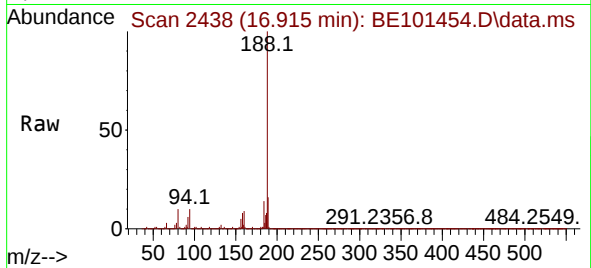




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

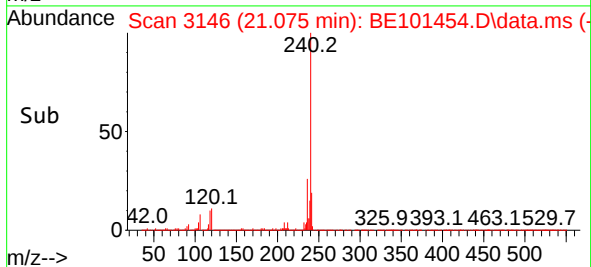
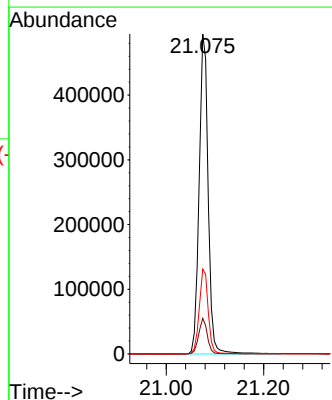
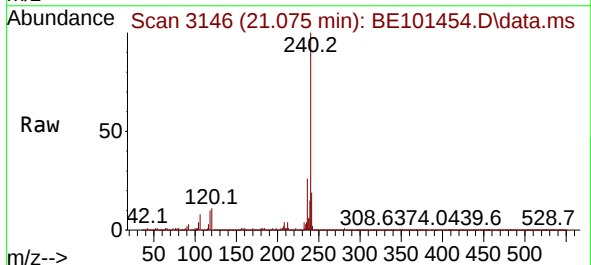
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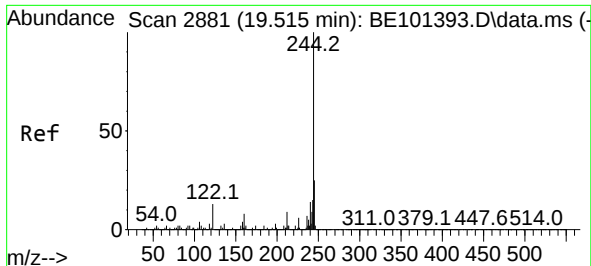
Tgt Ion:188 Resp: 478774
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.8
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.075 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

Tgt Ion:240 Resp: 637683
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 26.5 21.4 32.0

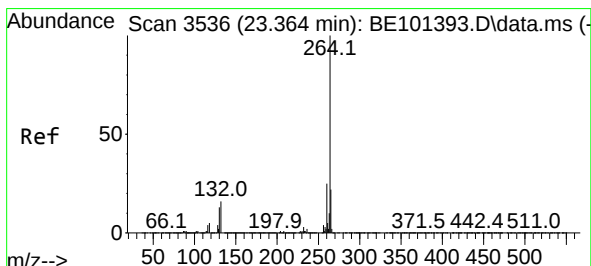
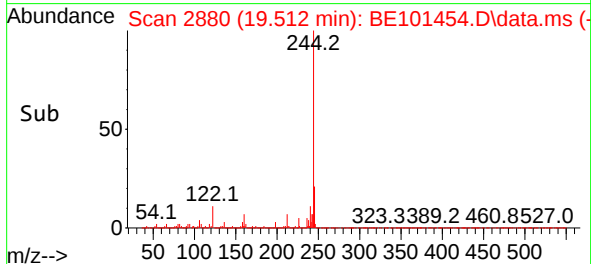
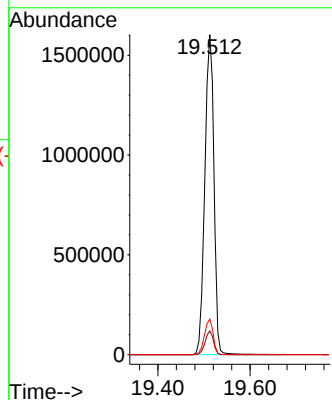
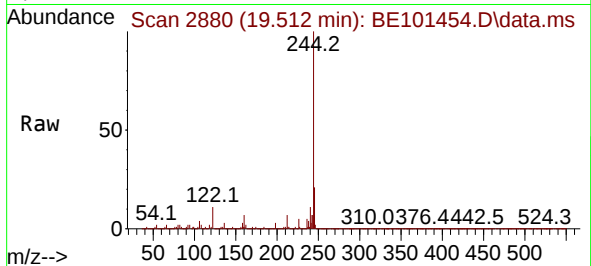




#79
Terphenyl-d14
Concen: 80.071 ng
RT: 19.512 min Scan# 21
Delta R.T. -0.003 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

Instrument :
BNA_E
ClientSampleId :
PB164593BL

Tgt Ion:244 Resp: 2218492
Ion Ratio Lower Upper
244 100
212 7.4 7.2 10.8
122 11.1 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.372 min Scan# 3537
Delta R.T. 0.009 min
Lab File: BE101454.D
Acq: 4 Nov 2024 13:25

Tgt Ion:264 Resp: 926419
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 20.9 17.6 26.4

